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AIR FORCE CIVIL ENGINEER CENTER

October 5, 2015

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SUBJECT: Final Quarterly Operations and Maintenance Report (1st Quarter / Calendar Year 2015)
SD-052-02 Building 775 Site (Buildings 774 and 776) and SD-052-01 Apron 2 Chlorinated Plume Site (Buildings 785 and 786)
Sub-Slab Vapor Mitigation Systems
Former Griffiss Air Force Base (AFB) Rome, New York
Contract Number FA8903-10-D-8595 / Delivery Order 0014
October 2015

Accompanying this letter please find the "Final Quarterly Operations and Maintenance Report (1st Quarter / Calendar Year 2015) for SD-052-02 Building 775 Site (Buildings 774 and 776) and SD-052-01 Apron 2 Chlorinated Plume Site (Buildings 785 and 786)" in relation to work conducted at the Former Griffiss AFB in Rome, New York under the referenced Performance Based Remediation (PBR) contract.

This Report has been prepared by the Air Force Civil Engineer Center (AFCEC) to present the operations and maintenance of the respective sub-slab vapor mitigation systems at the Former Griffiss AFB in Rome, New York. This version of the report incorporates data up until March 2015. The draft report was submitted on July 2, 2015.

Should you have any questions or concerns please contact me at 518-563-2871.

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FINAL

QUARTERLY OPERATIONS AND MAINTENANCE REPORT
SD-052-02 BUILDING 775 SITE (BUILDINGS 774 AND 776) AND
SD-052-01 APRON 2 CHLORINATED PLUME SITE (BUILDINGS 785 AND 786)
SUB-SLAB VAPOR MITIGATION SYSTEMS
(1ST QUARTER / CALENDAR YEAR 2015 / JANUARY - MARCH)

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LIST OF ACRONYMS AND ABBREVIATIONS

acfm	actual cubic feet per minute
AF	Air Force
AFB	Air Force Base
AFCEC	Air Force Civil Engineer Center
AFRPA	Air Force Real Property Agency
bgs	below ground surface
COC	Contaminant of Concern
CQCRs	Chemical Quality Controls Reports
CY	calendar year
DCE	dichloroethylene/dichloroethene
EEEPC	Ecology & Environment Engineering, P.C
FPM	FPM Remediations, Inc.
ft	feet
GAC	granular activated carbon
in w.g.	inches of water
J	The analyte was positively identified, but the quantitation is an estimation.
µg/L	micrograms per liter
µg/m^3	micrograms per cubic meter
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
O&M	Operation and Maintenance
PCE	tetrachloroethylene/perchloroethylene/tetrachloroethene/perchloroethene
PDI	pre-design investigation
RAWP	Remedial Action Work Plan
ROD	Record of Decision
RWPCF	Rome Water Pollution Control Facility
sq ft	square feet
SSVM	Sub-Slab Vapor Mitigation
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion

LIST OF ACRONYMS AND ABBREVIATIONS (continued)

TCA	trichloroethane
TCE	trichloroethylene/trichloroethene
TCLP	Toxicity Characteristic Leaching Procedure
USEPA	United States Environmental Protection Agency
VC	Vinyl Chloride
VMP	Vapor Monitoring Point
VOC	**V**olatile Organic Compound

1 INTRODUCTION

FPM Remediations, Inc. (FPM), in association with CAPE Environmental Management, Inc., under contract with the Air Force Civil Engineer Center (AFCEC), is conducting Operation and Maintenance (O&M) on Sub-Slab Vapor Mitigation (SSVM) systems associated with SD-052-02 Building 775 Site [Buildings 774 and 776] and SD-052-01 Apron 2 Chlorinated Plume Site [Buildings 785 and 786] at the former Griffiss Air Force Base (AFB) in Rome, New York. The O&M at the sites is conducted in accordance with provisions of the Basic Contract # FA8903-10-D-8595 and Delivery Order # 0014. Figure 1-1 depicts the SSVM site locations of Buildings 774, 776, 785 and 786.

This quarterly report has been prepared to document the SSVM systems O&M activities from the 1st quarter of the calendar year (CY) 2015 including the months of January through March. Additionally, the report contains (as applicable) analytical results and discussion of soil vapor intrusion (SVI) sampling which is performed to evaluate SSVM. O&M was conducted in accordance with the Final Completion Report Sub-Slab Vapor Mitigation Systems (FPM, February 2013).

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2 SITE INFORMATION

2.1 SD-052-02 BUILDING 775 (BUILDINGS 774 AND 776)

Buildings 774 and 776 are located between Phoenix Drive and Patrol Road on Strategic Air Command Hill at the former Griffiss AFB in Rome, NY and are associated with the SD-052-02 Building 775 Site (Figure 2-1). Building 774 is a one-story, 18,990 square feet (sq. ft.) office building, currently occupied by a computer/security firm. The building is occupied on work days from 8 AM to 5 PM by approximately 45 people. Building 774 was built in 1959, but underwent major renovations in 2000. New windows and doors were installed, 36 new air handlers were installed, including new air ducts in ceilings and new cooling towers. The building is built on an 8-inch thick concrete slab, with no basement and most floors are covered with carpeting. Several floor drains exist in bathrooms, janitor closets and the boiler room.

Building 776 is a one-story, 27,410 sq. ft. office building, currently occupied by a software development firm. The building is occupied on work days from 7 AM to 6 PM by approximately 80 people. Building 776 was built in 1959, but underwent major renovations in 2002. New windows, which do not open, and doors were installed, the interior was refinished and most floors were covered with new carpeting. Heat and outdoor air are provided through 43 heat pumps. The building is built on a 3.5 to 6-inch thick concrete slab, with no basement. Several floor drains exist in bathrooms and one crack was observed in the concrete floor near the southeastern entrance door.

The Building 775 Site plume is located downgradient and south of former maintenance facilities in Buildings 774 and 776 and former fuel pump house Building 775. Although the source has not been identified, solvent use in Building 774 was thought to be a primary source of trichloroethylene (TCE) contamination. Solvent use was widespread in these facilities in the 1950s, 1960s, and early 1970s. The contaminated aquifer is comprised of silty sands with an average thickness extending from 60 feet (ft) below ground surface (bgs) to 120 ft bgs, where shale bedrock is encountered.

2.1.1 Groundwater Investigation

The primary contaminant exceeding New York State Department of Environmental Conservation (NYSDEC) Class GA Groundwater Standards is TCE, with minor detections of 1,1,1-trichloroethane (TCA) and perchloroethylene (PCE). Figure 2-1 shows Building 774 and 776 along with the location of monitoring wells. Monitoring well 775VMW-5, located near the corner of Building 776, is the only well in the maintenance area that contains elevated levels of TCE (99.2 micrograms per liter [µg/L] in September 2004). Most of the Building 775 plume appears to have migrated south toward Landfill 6. In September 2004, the maximum groundwater TCE concentration was 134 µg/L (detected at well 775MW-20, located near the leading edge of the plume near Perimeter Road). TCE was detected at 132 µg/L (in well 775VMW-10), which is also located near the leading edge of the plume near Perimeter Road. TCE in both of these wells was detected in the bottom half of the sandy aquifer in screened intervals from 88 to 120 ft bgs. Nearby well LF6MW-1 is screened in the upper 10 ft of the aquifer and does not have detectable TCE concentrations (FPM, February 2005). Based on the

current TCE distribution, it appears that the TCE was likely spilled in the vicinity of Building 776 and has migrated southward and downward in the aquifer.

Additional sampling was performed by Ecology & Environment, Inc., and FPM in 2006 as part of the feasibility study for the Building 775 Site. Ecology & Environment Engineering, P.C., (EEEPC) performed pre-design investigation (PDI) activities at the Building 775 Site starting in September 2006. First, two monitoring wells were installed (775MW-27 and -28). The wells were developed and sampled at the end of October into the beginning of November 2006. Results showed that the primary contaminant exceeding NYSDEC Class GA Groundwater Standards was TCE, with minor detections of 1,1,1-TCA and PCE. FPM performed sampling at several other monitoring wells at the Building 775 Site in order to create a complete understanding of current site conditions. The results and conclusions were reported in the Final PDI Report (EEEPC, February 2007).

A remedial action was selected through the On-base Groundwater Record of Decision (ROD) [Air Force Real Property Agency (AFRPA), December 2008] and described in the Remedial Action Work Plan (RAWP) [Parsons, July 2008]. The SVI in Buildings 774 and 776 is being managed as a separate operable unit and therefore is not included in the On-base Groundwater ROD. The remedial action is a groundwater extraction system with a discharge to an off-site treatment facility. The groundwater extraction system is designed to contain the contaminated plume and extract the contaminants from the aquifer which is located surrounding monitoring well 775VMW-5 and presented in Figure 2-1. The start-up date of the groundwater extraction system was January 5, 2009. At this time, FPM also started sampling at Building 775 Site to monitor the performance of the installed remedy. The most recent performance monitoring sampling results have shown TCE detections up to 68 µg/L occurring in 775VMW-5 (FPM, December, 2011). This is a decrease from the September 2004 sampling event, where monitoring results from 775VMW-5 showed a TCE detection of 99 µg/L.

2.1.2 2006 Soil Vapor Intrusion Evaluation

EEEPC also performed an SVI evaluation during the 2006 PDI activities (at Building 775 Site - SD052-02). Sub-slab sampling at the Building 775 Site indicated that chloroform and TCE were present in the sub-slab vapor at Buildings 774 and 776 at concentrations above the Air Force (AF) screening levels (FPM, October 2007). Indoor air sampling at both buildings indicated that these contaminants were present, but at concentrations below the AF screening levels. Sub slab vapor TCE concentrations ranged from 810 micrograms per cubic meter (µg/m^3) to 1,700 µg/m^3 at Building 774. Sub slab vapor TCE concentrations ranged from 700 µg/m^3 to 3,000 µg/m^3 at Building 776. The TCE and chloroform detections were likely associated with the groundwater contamination plume located in the area. TCE has been detected in groundwater at concentrations above screening levels, while chloroform has been detected in groundwater at concentrations below screening levels. The SVI evaluation sample locations are shown on Figure 2-1 and corresponding results are provided in Table 2-1.

This SVI survey was reviewed by the AF, NYSDEC, New York State Department of Health (NYSDOH) and United States Environmental Protection Agency (USEPA) and during

discussions among these parties, a plan for additional sampling was established, which was then implemented by FPM in April and May 2008 (FPM, April 2008).

2.1.3 Building 774 Soil Vapor Intrusion Results 2008

The indoor air TCE concentrations, reported for Building 774 during the April 2008 sampling round, were two orders of magnitude higher than those reported in the 2006 sampling round. The Building 774 point of contact (Dave Perella, Senior Facilities Engineer) confirmed that renovations, performed in Building 774 between December 2007 and May 2008, included carpet glue removal through solvent use. Indoor and outdoor air samples were recollected in May 2008 in Building 774. The recollected results show that indoor air TCE concentrations were similar to levels reported in 2006 (Table 2-3). Sub-slab vapor results for Building 774 slightly decreased in comparison to 2006 results. The highest result reported in 2008 was 590 µg/m^3 at location 774SSV-2.

In Building 774, the 2008 indoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. The 2008 sub-slab vapor concentrations in Building 774 exceeded AF screening levels.

2.1.4 Building 776 Soil Vapor Intrusion Results 2008

The indoor air TCE concentrations reported for Building 776 during the April 2008 sampling round were comparable to levels reported in 2006. Sub-slab vapor results for Building 776 were lower compared to 2006 results. The highest result reported in 2008 was 110 µg/m^3 at location 776SSV-2.

In Building 776, the 2008 indoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. The 2006 sub-slab vapor concentrations in Building 776 exceeded AF screening levels. Concentrations in 2008 were below screening levels.

2.2 SD-052-01 APRON 2 CHLORINATED PLUME (BUILDINGS 785 AND 786)

Buildings 785 and 786 are located on the SD-052-01 Apron 2 Chlorinated Plume Site at the former Griffiss AFB in Rome, NY (Figure 2-2). Buildings 785 and 786 are 28,251 sq. ft., unheated airplane hangars. The buildings are used for storage by the Griffiss International Airport. The buildings are largely open with several first and second floor offices in the southwest corners of the buildings. Buildings 785 and 786 were built in 1959 and were taken out of service in 1995 after the former Griffiss AFB was closed. The buildings are built on a 13.5 to 14-inch thick, unsealed concrete slab comprised of numerous concrete pads installed together with areas of caulked expansion gaps. Large visible cracks in the concrete floors were repaired. Two large trenches exist in the buildings; one along the large aircraft bay doors on the southeast side of the building and a smaller trench along the overhead door on the northwest side of the buildings. These trenches contain several cracks that may act as conduits. All heating and air handling equipment is in a state of disrepair and assumed inoperable. The buildings are poorly sealed due to broken windows, doors left ajar and holes observed in the sheet metal outer covering of the building. According to drilling logs from the site, silty sand and gravelly sands

are the predominant lithology encountered. Groundwater monitoring wells are currently present in Building 785 and outside in the vicinity of both buildings.

2.2.1 Groundwater Investigation

An extensive groundwater investigation has occurred surrounding Buildings 785 and 786, which is now in the performance monitoring phase. There are three primary contaminants in the plumes that exceed NYSDEC Class GA Groundwater Standards: TCE and its breakdown products cis-1,2-dichloroethylene (DCE) and vinyl chloride (VC). The southern plume is commingled with several petroleum fuel plumes originating from the Apron 2 fueling system. At locations where chlorinated solvents and fuel contaminants are commingled, significant reductive dechlorination is occurring. Therefore, the selected remedy is monitored natural attenuation, as stated in the On-base Groundwater ROD (AFRPA, December 2008). The SVI in Buildings 785 and 786 is being managed as a separate operable unit and therefore is not included in the On-base Groundwater ROD. Monitored natural attenuation was initiated on September 24, 2008. The most recent groundwater sampling results have shown TCE detections up to 25.5 µg/L at monitoring well 782VMW-105B, cis-1-2-DCE detections up to 45.7 µg/L at monitoring well 782VMW-78 and VC detections up to 63.7 µg/L at monitoring well 782VMW-96 (FPM, November 2013).

2.2.2 2006 Soil Vapor Intrusion Evaluation

EEEPC performed an SVI Evaluation in 2006 at the Apron 2 Chlorinated Plume Site. Buildings 782, 783, 784, 785, and 786 were evaluated. No exceedances of the screening levels were reported for Buildings 782, 783, and 784. The Nosedocks 1 and 2 ROD (AFRPA, July 2011) included the selected remedy of No Further SVI action or evaluation for these buildings. Sub-slab sampling at the Apron 2 Chlorinated Plume Site indicated that PCE, TCE and chloroform were present in the sub-slab vapor beneath Buildings 785 and 786 at concentrations above the AF screening levels. Sub-slab vapor sampling results for the 2006 sampling event showed TCE concentrations ranging from 2,300 µg/m^3 to 11,000 µg/m^3 at Building 785. TCE was detected beneath Building 786 at concentrations ranging from 4,700 µg/m^3 to 81,000 µg/m^3 in 2006 and PCE was detected at 2,200 µg/m^3at location 786SSV-1. Indoor air sampling indicated that PCE and TCE were present, but at concentrations below the AF screening levels. No chloroform was reported in the indoor air. TCE was detected consistently in groundwater samples from wells within the groundwater contamination plume. PCE was never detected in groundwater. Chloroform exceedances of the NYSDEC Class GA Groundwater Standards were reported in the March 2009 sampling round in virtually all monitoring wells at Building 786. These exceedances were attributed to a reported water line break which discharged drinking water for an extended period of time at the site. The chloroform exceedances have shown a decreasing trend after the leak was repaired. SVI evaluation sample locations are shown on Figure 2-2 and corresponding results are provided in Table 2-1.

This SVI survey was reviewed by the AF, NYSDEC, NYSDOH, and USEPA and during discussions among these parties, a plan for additional sampling was established, which was then implemented by FPM in April and May 2008 (FPM, April 2008).

2.2.3 Building 785 Soil Vapor Intrusion Results 2008

Sub-slab sampling in 2008 at the Apron 2 Chlorinated Plume Site indicated that chloroform and TCE exceeded screening levels in the sub-slab vapor beneath Building 785. Indoor air sampling indicated that these contaminants were present, but at concentrations below the screening levels. The April 2008 sampling round data were lower at 785SSV-1 (identical to two orders of magnitude lower) than those reported for the 2006 sampling round data. TCE detections ranged from 11 $\mu g/m^3$ to 2,200 $\mu g/m^3$.

2.2.4 Building 786 Soil Vapor Intrusion Results 2008

Sub-slab sampling in 2008 at the Apron 2 Chlorinated Plume Site indicated that PCE and TCE exceeded screening levels in the sub-slab vapor beneath Building 786. Indoor air sampling indicated that these contaminants were present, but at concentrations below the screening levels. Sub-slab vapor sampling results for the April 2008 sampling round were lower but within the same order of magnitude as those reported for the 2006 sampling round. Sub-slab vapor TCE concentrations ranged from 69 $\mu g/m^3$ to 19,000 $\mu g/m^3$. Generally, small petroleum detections were reported in all samples, but none exceeded the sub-slab screening levels.

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3 SUB-SLAB VAPOR MITIGATION SYSTEM OPERATION AND MAINTENANCE

3.1 BUILDINGS 774 AND 776 SUB-SLAB VAPOR MITIGATION SYSTEM

FPM performed SSVM at Buildings 774 and 776 with continuous system operation starting on June 6, 2011. The Buildings 774 and 776 system is composed of four horizontal wells with a total combined screen length of 360 ft performing under a flow rate of 1 actual cubic feet per minute (acfm) per foot of screen. Building 774 has three horizontal wells with a total combined screen length of 250 ft and Building 776 has one horizontal well with a screen length of 180 ft. The SSVM system is shown in Figure 3-1.

Table 3-1 illustrates the SSVM Systems O&M schedule. O&M includes weekly system component readings (system temperature, flow, vacuum and motor status), semi-annual vapor monitoring point (VMP) vacuum measurements, and granular activated carbon (GAC) disposal and replacement every four months. Indoor and outdoor air sampling, sub-slab vapor sampling, and influent sampling are conducted semi-annually during the heating and cooling months. Table 3-2 presents the sub-slab vapor, indoor and outdoor air results and Table 3-3 presents the influent air results for all of the SSVM System performance monitoring events. The indoor and outdoor air sampling results are now compared to the EPA Regional Industrial Screening Levels (RSLs)[1] (EPA, November 2014). The Sub-slab RSLs used for comparison are calculated using the EPA Vapor Intrusion Screening Level Calculator[2] (VISL, May 2014). These levels are now used based on USEPA comments provided for the pending SVI decision document.

3.1.1 Previous Buildings 774 and 776 Sub-Slab Vapor Mitigation Operations and Maintenance Results

3.1.1.1 Buildings 774 and 776 Sub-Slab Vapor Mitigation Operations and Maintenance 2011

The installation, start-up and initial operation of the SSVM system at Buildings 774 and 776 occurred under a separate contract (FA8903-04-D-8687). This mitigation action is documented in the Final Completion Report Sub-Slab Vapor Mitigation Systems (FPM, February 2013). The performance evaluation section of this referenced report documents sub-slab vapor sampling results indicating a decreasing trend in TCE levels in Buildings 774 and 776. The highest reported result in Building 774 was during the baseline sampling event (May 4, 2011) at 2,900 µg/m^3 at location 774VMP-2. After five months of system operation, the reported result for this location was 11 µg/m^3. The highest reported result in Building 776 during the baseline sampling event (May 4, 2011) was 830 µg/m^3 at location 776VMP-3. After five months of system operation, the reported result for this location was 7.3 µg/m^3.

[1] http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm

[2] http://www.epa.gov/oswer/vaporintrusion/guidance.html

All indoor and outdoor air concentrations were within an acceptable range and did not pose an unacceptable risk to building occupants. All sub-slab vapor concentrations fell below screening levels after five months of system operation.

4th Quarter / Calendar Year 2011 (November - December)

It was documented in the Quarterly Operations and Maintenance Report, (4th Quarter / Calendar Year 2011), (FPM, May 2012), that the Buildings 774 and 776 SSVM system extracted approximately 30 gallons per week of water which was collected in a vapor-liquid separator. An application to discharge extracted water into the sanitary sewer was submitted to the Rome Water Pollution Control Facility (RWPCF). Discharge approval was received on January 5, 2012.

A vapor effluent sample was collected on December 19, 2011 from the Buildings 774 and 776 SSVM system. The effluent sampling location was installed on the SSVM system's exhaust stack following carbon filtration in the treatment chain. TCE was not detected in the effluent samples of Buildings 774 and 776.

GAC replacement was conducted in December 2011 following the effluent sampling event. GAC replacement is based on the carbon life span which is a factor of adsorption of the effluent contaminant of concern (COC) concentrations. This replacement schedule for GAC was initially determined through calculations outlined in the Work Plan for SSVM Design (FPM, February 2011). These calculations were then checked empirically using the December 2011 effluent sampling results. It was determined that a bimonthly schedule for GAC replacement (FPM, May 2012) was adequate and effluent sampling was eliminated from the O&M schedule once the carbon life span was calculated and subsequent GAC replacement scheduled.

3.1.1.2 Buildings 774 and 776 Sub-Slab Vapor Mitigation Operations and Maintenance 2012

1st Quarter / Calendar Year 2012 (January - March)

GAC was replaced on February 23, 2012, in accordance with the O&M schedule for carbon replacement.

Sampling occurred at Buildings 774 and 776 on January 25 and 26, 2012. The highest TCE concentration for sub-slab sampling results in Building 774 was at location 774VMP-1, with a concentration of 4.8 µg/m^3. The indoor air sampling result for TCE at Building 774 was 1.5 J µg/m^3 (The J data qualifier indicates that the analyte was positively identified, but the quantitation is an estimation). TCE was not detected in the outdoor air sample collected between Buildings 774 and 776. For Building 776, the highest sub-slab TCE concentration was in location 776VMP-3, at 13 µg/m^3. The indoor air TCE concentration was 0.41 J µg/m^3. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. All of the sub-slab results were below vapor screening levels.

Semi-annual influent sampling occurred on January 24, 2012, prior to sub-slab vapor sampling to determine effective soil vapor extraction (SVE). The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 774 and 776 for TCE were 300 µg/m^3.

2nd Quarter / Calendar Year 2012 (April - June)

GAC was replaced on April 23, 2012, in accordance with the O&M schedule for carbon replacement. Sampling did not occur at Buildings 774 and 776 during the 2nd quarter / CY 2012.

Weekly system component readings from this quarter showed that the system vacuum had a decreasing trend. This is attributed to the system initially extracting water from the sub-surface up until April 2012. The vapor liquid separator did not collect any water past April 2012. Therefore, the approved permit (FPM-001) through RWPCF for Buildings 774 and 776 to discharge extracted water into the sanitary sewer was reviewed and closed.

3rd Quarter / Calendar Year 2012 (July - September)

GAC was replaced on July 17 and September 5, 2012 at the site. Additional O&M activities that occurred at the Buildings 774 and 776 SSVM system included the replacement of the inline air filter.

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 774 and 776 on August 6, 2012. Only one outdoor air sample was collected between Buildings 774 and 776 due to the close proximity of the buildings. The highest sub-slab TCE concentration was 20 µg/m^3 at Building 774 and 12 µg/m^3 at Building 776. At Building 774, TCE was reported at 0.35 F µg/m^3 in the indoor air and was non detect at Building 776. TCE was also not detected in the outdoor air between Buildings 774 and 776. All of the sub-slab results were below vapor screening levels. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants.

Semi-annual influent sampling occurred on August 3, 2012, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location is on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 774 and 776 for TCE were 190 µg/m^3.

4th Quarter / Calendar Year 2012 (October - December)

GAC was replaced on December 4, 2012 at the site. Sampling did not occur for the Buildings 774 and 776 SSVM system during this quarter.

3.1.1.3 Buildings 774 and 776 Sub-Slab Vapor Mitigation Operations and Maintenance 2013

1st Quarter / Calendar Year 2013 (January - March)

The GAC was not replaced during this quarter. Additional O&M activities conducted during this quarter included troubleshooting system shutdown in January. The system was not running upon arrival for the weekly inspection on January 25, 2013. It was assumed that the system had been off for up to one week since the system was operating during the previous week's readings. Troubleshooting occurred and it was determined that the contactor switch in the control panel failed most likely due to condensation. After troubleshooting, the contactor switch was replaced and the system was turned on. There were no additional shut downs reported during this quarter.

Vacuum readings were collected at all VMPs associated with the system on February 14, 2013. Results showed all VMPs were under vacuum except for 774VMP-1 and -3. The lack of vacuum is attributed to the structural foundation and/ or preferential paths. Also, 774VMP-3 is located at the point designed to capture data from the worst case scenario, and is installed at the end of the 774SSVM-1 well screen with the greatest distance off axis.

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 774 and 776 on February 21, 2013. The highest sub-slab TCE concentration in Building 774 was reported for location 774VMP-3 at 1.3 F µg/m^3 and the highest sub-slab TCE concentration in Building 776 was reported for location 776VMP-3 at 2.4 µg/m^3. TCE was not detected in the indoor air sample from Building 776 or the outdoor air sample. TCE was detected with a concentration of 0.22 F µg/m^3 in the indoor air at Building 774. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. All of the sub-slab vapor results were below vapor screening levels.

Semi-annual influent sampling occurred on February 15, 2013, prior to sub-slab vapor sampling to determine effective extraction. The influent sampling location is on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 774 and 776 for TCE were 20 µg/m^3. An effluent sample was also collected. TCE was non detect.

2nd Quarter / Calendar Year 2013 (April - June)

GAC was replaced on April 24, 2013. Additional O&M activities conducted during this quarter included water removal from the knock-out tank. The system was not running upon arrival for the weekly inspection on April 4, 2013. The system is programmed to automatically shut down when the knock-out tank contains more than half of its capacity of water. It was assumed that the system was shut down as a result of the water level in the knockout tank and that it had been off for up to one week since the system was operating during the previous week's readings. Approximately 27 gallons of water was pumped out of the knock-out tank into a 55-gallon drum awaiting sampling and proper disposal. After the water was removed, the system was turned on. There were no additional shut downs reported during this quarter.

3rd Quarter / Calendar Year 2013 (July - September)

The GAC was replaced on September 13, 2013 and no system shutdowns were reported during this quarter. Additional water (approximately 25 gallons) was pumped out of the knock-out during this quarter.

As a result of the collection of water from the knock-out tank in April 2013, the discharge permit through the City of Rome was re-opened. Prior to the re-opening of the discharge permit, the water was sampled on August 8, 2013 and analyzed for volatile organic compounds (VOCs). Only acetone was detected. The detected concentration was 3.9 J µg/L. The NYS Groundwater Standard is 50 µg/L. The J data qualifier indicates that the analyte was positively identified, but the quantitation is an estimation. The water was discharged to the City of Rome sewer system on September 13, 2013. Additional preventative measures have been implemented as a result of the water collection in the knockout tank. The preventative measures include inspections of the knock-out tank during the weekly system inspections and removal of any water. All collected water will be stored in 55-gallon drums and sampled prior to discharge to the City of Rome sewer system. No additional water was removed through the remainder of the quarter.

A composite sample of the spent GAC from the SSVM system at Buildings 774 and 776 was collected on August 8, 2013 and analyzed for Toxicity Characteristic Leaching Procedure (TCLP) VOCs and ignitibility. There were no detections and disposal of the spent carbon is pending.

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 774 and 776 on August 8, 2013. The highest sub-slab TCE concentration in Building 774 was reported for location 774VMP-3 at 0.33 F µg/m^3 and the highest sub-slab TCE concentration in Building 776 was reported for location 776VMP-2 at 0.20 F µg/m^3. All of the sub-slab results were below vapor screening levels. TCE was not detected in the indoor air or outdoor air samples from Buildings 774 and 776.

Semi-annual influent sampling occurred on February 15, 2013, prior to sub-slab vapor sampling to determine effective extraction. The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 774 and 776 for TCE were 120 µg/m^3.

4th Quarter / Calendar Year 2013 (October - December)

The GAC was not replaced and no system shutdowns were reported during this quarter. Also, no water was observed in the knock-out tank requiring removal. Vacuum readings were collected at all VMPs associated with the system on November 1, 2013. Vacuum readings at Building 774 VMPs were 0.01 inch w.g. (774VMP-1), 0.11 inch w.g. (774VMP-2), and 0.015 inch w.g. (774VMP-3). Vacuum readings at Building 776 VMPs were 0.095 inch w.g. (776VMP-1), 0.015 inch w.g. (776VMP-2), and 0.01 inch w.g. (776VMP-3).

3.1.1.4 Buildings 774 and 776 Sub-Slab Vapor Mitigation Operations and Maintenance 2014

1st Quarter / Calendar Year 2014 (January - March)

The GAC was replaced January 13, 2014 and no system shutdowns were reported during this quarter.

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 774 and 776 on January 30, 2014. The highest sub-slab TCE concentration in Building 774 was reported for location 774VMP-1 at 6.8 µg/m^3 and the highest sub-slab TCE concentration in Building 776 was reported for location 776VMP-3 at 2.6 µg/m^3. All of the sub-slab vapor results were below vapor screening levels. TCE was detected with a concentration of 0.34 J µg/m^3 in the indoor air at Building 774 and 0.26 J µg/m^3 in the indoor air at Building 776. The TCE concentration detected in the outdoor air sample was 1.2 µg/m^3. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants.

Semi-annual influent sampling occurred on January 28, 2014, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 774 and 776 for TCE were 32 µg/m^3. An effluent sample was not collected.

2nd Quarter / Calendar Year 2013 (April - June)

The GAC was replaced on May 20, 2014 and no system shutdowns were reported during this quarter. In addition, no water removal from the knockout tank was required during this quarter.

3rd Quarter / Calendar Year 2014 (July - September)

The GAC was not replaced this quarter and no system shutdowns were reported during this quarter. In addition, no water removal from the knockout tank was required during this quarter.

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 774 and 776 on July 17, 2014. The highest sub-slab TCE concentration in Building 774 was 9.2 J µg/m^3 at location 774VMP-3 and the highest sub-slab TCE concentration in Building 776 was 3.5 µg/m^3 at location 776VMP-3. All of the sub-slab vapor results were below vapor screening levels. TCE was not detected in the indoor air at Building 774 but was detected at 0.95 J µg/m^3 in the indoor air at Building 776. The TCE concentration detected in the outdoor air sample was 0.53 J µg/m^3. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants.

Semi-annual influent sampling occurred on July 16, 2014, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 774 and 776 for TCE were 97 µg/m^3. An effluent sample was not collected.

4th Quarter / Calendar Year 2014 (October - December)

The GAC was replaced on October 14, 2014 and no system shutdowns were reported during this quarter. In addition, no water removal from the knockout tank was required during this quarter.

3.1.2 1st Quarter / Calendar Year 2015 (January - March) Buildings 774 and 776 Sub-Slab Vapor Mitigation System Operations and Maintenance Results

The SSVM system at Buildings 774 and 776 has been in operation since June 2011. O&M activities conducted during this quarter included weekly system component readings (system temperature, flow, vacuum and motor status), periodic GAC replacement, and semi-annual indoor and outdoor air, sub-slab vapor, and influent sampling. The system flow rate and vacuum readings collected in previous quarters and this quarter are illustrated on Figure 3-2 and Figure 3-3, respectively. The readings are collected prior to the regenerative blower on each individual well head. However, it should be noted that an additional horizontal well, 774SSVM-3, was installed under Building 774 as shown in Figure 3-1. This well ties into 774SSVM-2 underground and therefore is part of the flow rate and vacuum reading collected for 774SSVM-2. The GAC was replaced on February 26, 2015 and no system shutdowns were reported during this quarter. In addition, no water removal from the knockout tank was required during this quarter. The O&M field forms are presented in Appendix A. The waste inventory tracking form for the spent carbon is provided in Appendix B.

3.1.2.1 Buildings 774 and 776 Sub-Slab Vapor Mitigation System Soil Vapor Monitoring

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 774 and 776 on January 22, 2015. All sampling results are presented in Table 3-2. Only one outdoor air sample was collected between Buildings 774 and 776 due to the close proximity of the buildings. All Daily Chemical Quality Controls Reports (CQCRs) completed during this event are provided in Appendix C. The highest sub-slab TCE concentration in Buildings 774 and 776 were reported as follows:

- Building 774 - TCE concentration: 0.71 µg/m^3 at location 774VMP-1, and
- Building 776 - TCE concentration: 2.1 µg/m^3 at location 776VMP-3.

The indoor and outdoor air TCE concentrations were detected as follows:

- Building 774 - TCE concentration was non detect in the indoor air,
- Building 776 - TCE concentration: 0.35 µg/m^3 in the indoor air, and
- TCE concentration: non-detect in the outdoor air between Buildings 774 and 776.

All of the sub-slab results were below vapor screening levels. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. Figures 3-4 and 3-5 show the sub-slab TCE vapor trend chart in both Buildings 774 and 776. The trend lines calculated are exponential trend lines based on the coefficient determination best fit regression line. The data fits an exponential trend the best because of the significant decrease in TCE vapor after the initial start-up of the system. As

shown in Figure 3-4, there has been some fluctuation in the Building 774 sub-slab TCE vapor results. During the past five rounds the results have varied an order of magnitude from non-detect to 9.2 J µg/m^3. This could be attributed to non-uniform system operation and inconsistent vacuum radius of influences in the sub-slab. All raw lab data and validated lab data are provided in Appendix D and Appendix E, respectively.

Semi-annual influent sampling occurred on January 22, 2015, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 774 and 776 for TCE were 100 µg/m^3. An effluent sample was not collected. Table 3-3 summarizes influent results since the start-up of the SSVM system.

3.2 BUILDINGS 785 AND 786 SUB-SLAB VAPOR MITIGATION SYSTEM

FPM performed SSVM at Buildings 785 and 786 starting on May 19, 2011. The Buildings 785 and 786 system is composed of two horizontal wells with a total combined screen length of 300 ft performing under a flow rate of 1 acfm per foot of screen. Building 785 has one horizontal well with a screen length of 140 ft and Building 786 has one horizontal well with a screen length of 160 ft. The SSVM system is shown in Figure 3-6.

Table 3-1 illustrates the SSVM Systems O&M schedule. O&M includes weekly system component readings (system temperature, flow, vacuum and motor status), weekly VMP vacuum measurements, and GAC disposal and replacement every four months. Indoor and outdoor air sampling, sub-slab vapor sampling, and influent sampling are conducted semi-annually during the heating and cooling months. Table 3-4 presents the sub-slab vapor, indoor and outdoor air results and Table 3-5 presents the influent air results for all of the SSVM System performance monitoring events. The indoor and outdoor air sampling results are now compared to the EPA Industrial Regional Screening Level (RSLs)[3] (EPA, November 2014). The Sub-slab RSLs used for comparison are calculated using the EPA Vapor Intrusion Screening Level Calculator[4] (VISL, May 2014). These levels are now used based on USEPA comments provided for the pending SVI decision document.

3.2.1 Previous Buildings 785 and 786 Sub-Slab Vapor Mitigation Operations and Maintenance Results

3.2.1.1 Buildings 785 and 786 Sub-Slab Vapor Mitigation Operations and Maintenance 2011

The installation, start-up and initial operation of the SSVM system at Buildings 785 and 786 occurred under a separate contract (FA8903-04-D-8687). This mitigation action is documented in the Final Completion Report Sub-Slab Vapor Mitigation Systems (FPM, February 2013). The performance evaluation section of this report documents sub-slab vapor sampling results indicated a decreasing trend in TCE levels in Buildings 785 and 786 (Figure 3-7 and 3-8). The

[3] http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm

[4] http://www.epa.gov/oswer/vaporintrusion/guidance.html

highest reported result in Building 785 was during the baseline sampling event (March 18, 2011) at 720 µg/m^3 at location 785VMP-4. After five months of system operation, the reported result for this location was 33 µg/m^3. The highest reported result in Building 786 was during the baseline sampling event (January 18, 2011) at 4,900 µg/m^3 at location 786VMP-1. After five months of system operation, the reported result for this location was 49 µg/m^3.

Location 785VMP-5 was not sampled during the baseline sampling event due to retained water observed in the VMP. A new location was installed north of the horizontal well. The new location, also called 785VMP-5, was sampled during the three-month sampling event and TCE was reported at 610 µg/m^3. After five months of system operation, the reported result for this location was 140 µg/m^3.

All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. All sub-slab vapor concentrations fell below screening levels after five months of system operation.

4th Quarter / Calendar Year 2011 (November - December)

A vapor effluent sample was collected on December 19, 2011 from the Buildings 785 and 786 SSVM system. The effluent sampling location was installed on the SSVM system's exhaust stack following carbon filtration in the treatment chain. Results showed a TCE concentration of 4.1 µg/m^3.

GAC replacement was conducted in December 2011 following the effluent sampling event. GAC replacement is based on the carbon life span which is a factor of adsorption of the effluent contaminant of concern (COC) concentrations. This replacement schedule for GAC was initially determined through calculations outlined in the Work Plan for SSVM Design (FPM, February 2011). These calculations were then checked empirically using the December 2011 effluent sampling results. It was determined that a bimonthly schedule for GAC replacement (FPM, May 2012) was adequate and effluent sampling was eliminated from the O&M schedule once the carbon life span was calculated and subsequent GAC replacement scheduled.

3.2.1.2 Buildings 785 and 786 Sub-Slab Vapor Mitigation Operations and Maintenance 2012

1st Quarter / Calendar Year 2012 (January - March)

GAC was replaced on February 23, 2012, in accordance with the O&M schedule for carbon replacement.

Sampling occurred at Buildings 785 and 786 on January 27, January 31 and February 7. At the Building 785 Site, the highest sub-slab TCE concentration resulted in 18 µg/m^3 at location 785VMP-5. TCE was not detected in the indoor air of Building 785. TCE was not detected in the outdoor air sample collected between Buildings 785 and 786. The highest sub-slab TCE concentration in Building 786 was at location 786VMP-2 at a level of 22 µg/m^3. This location also has a detection for chloroform at 12 µg/m^3. The concentration for chloroform was above

sub-slab screening levels up until this sampling event. TCE was not detected in the indoor air of Building 786. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. All of the sub-slab results were below vapor screening levels.

Semi-annual influent sampling occurred on January 24, 2012, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results for TCE were 140 µg/m^3.

2nd Quarter / Calendar Year 2012 (April - June)

GAC was replaced on April 23, 2012, in accordance with the O&M schedule for carbon replacement. Sampling did not occur at Buildings 785 and 786 during the 2nd quarter / CY 2012.

3rd Quarter / Calendar Year 2012 (July - September)

GAC was replaced on July 5 and September 5, 2012 at the site. Additional O&M activities occurred at the Buildings 785 and 786 SSVM system during the 3rd Quarter / CY 2012 besides the weekly system component readings. During system readings on August 24, 2012, it was observed that system vacuum had decreased and the flow rate in horizontal well 786SSVM-1 had significantly increased. The cause was investigated and the dead end of the horizontal well 786SSVM-1 was damaged. Therefore, the system was shut down and the cap was repaired. The system was turned back on the next day following the repairs.

On August 31, 2012, the system was found to not be operating upon arrival. Troubleshooting procedures were followed including checking the power source and checking for dirt build up in the regenerative blower. It was observed that the regenerative blower was clean, but the power source was not adequate. Griffiss Utility Service Corporation was contacted and they determined that a transformer used by the Buildings 785 and 786 SSVM system was not working properly. The transformer was replaced. Also during the down time the electrical motor of the regenerative blower was brought to an electrical motor service shop and the bearings were replaced. Following the electrical motor servicing, the system was turned back on and began operation on October 25, 2012.

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 785 and 786 on August 8, 2012. One outdoor air sample was collected between Buildings 785 and 786 due to the close proximity of the buildings. The highest sub-slab TCE concentration was 39 µg/m^3 at Building 785 and 110 µg/m^3 at Building 786. TCE was not detected in the indoor air or outdoor air samples for both buildings. All of the sub-slab results were below vapor screening levels. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants.

Semi-annual influent sampling occurred on August 3, 2012, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location is on the SSVM system's exhaust stack before carbon treatment. Influent results for TCE were 250 µg/m^3.

4th Quarter / Calendar Year 2012 (October - December)

The system was not in operation from October 1 through October 25, 2012 as described in the 3rd Quarter / CY 2012 O&M text. GAC was replaced on December 4, 2012 at the site. Sampling did not occur for the Buildings 785 and 786 SSVM system during this quarter.

3.2.1.3 Buildings 785 and 786 Sub-Slab Vapor Mitigation Operations and Maintenance 2013

1st Quarter / Calendar Year 2013 (January - March)

The GAC was not replaced during this quarter. Vacuum readings collected at all VMPs associated with the system on February 14, 2013. Results showed all VMPs were under vacuum except for 786VMP-2. The lack of vacuum is attributed to the structural foundation and/ or preferential paths. As part of the Building 786 interim removal action (FPM, March 2002), a 12 feet by 16 feet area was excavated down to 10 feet bgs. The excavated area was backfilled with crushed stone. The location of the excavation was on the northwest corner of Building 786. The excavation was relatively close (30 feet away) to 786VMP-2 and may create short circuiting under the building footprint.

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 785 and 786 on March 6, 2013. The highest sub-slab TCE concentration in Building 785 was reported for 785VMP-4 at 3 µg/m$^{3.}$ The highest sub-slab TCE concentration in Building 786 was reported for 786VMP-1 at 9.1 F µg/m^3. All of the sub-slab results were below vapor screening levels. TCE was not detected in any of the indoor and outdoor air samples.

Semi-annual influent sampling occurred on February 14, 2013, prior to sub-slab vapor sampling to determine effective SVE. Influent results for TCE were 93 µg/m^3. An effluent sample was also collected and TCE was 4.4 µg/m^3.

2nd Quarter / Calendar Year 2013 (April - June)

GAC was replaced on April 24, 2013. No additional O&M activities besides the weekly system component readings were performed during this quarter.

3rd Quarter / Calendar Year 2013 (July - September)

Additional O&M activities occurred at the Buildings 785 and 786 SSVM system during the 3rd Quarter / CY 2013 besides the weekly system component readings. Approximately 50 gallons of water was pumped out of the knock-out tank into a 55-gallon drum on July 19, 2013. The water was sampled on August 8, 2013 and analyzed for VOCs. Only TCE was detected at 0.37 J µg/L. The NYS Groundwater Standard is 5 µg/L and the J qualifier indicates the analyte was positively identified but the quantitation is an estimation. The water was discharged under permit to the City of Rome sewer system on September 13, 2013. A composite sample of the spent GAC from the SSVM system at Buildings 785 and 786 was collected on August 8, 2013 and analyzed for TCLP VOCs and ignitibility. There were no detections and disposal of the spent carbon is

pending.

The electrical supply for the Building 786 system was damaged during airport grass mowing activities in August 2013. Therefore, the system was not in operation from August 29, 2013 through the remainder of the quarter.

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 785 and 786 on August 9, 2013. The highest sub-slab TCE concentration was at 786VMP-1 at 150 µg/m^3 in Building 786 and at 785VMP-4 at 17 µg/m^3 in Building 785. All of the sub-slab results were below vapor screening levels. TCE was not detected in any of the indoor and outdoor air samples. Semi-annual influent sampling occurred on August 7, 2013, prior to sub-slab vapor sampling to determine effective SVE. Influent results for TCE were 130 µg/m^3.

4th Quarter / Calendar Year 2013 (October - December)

The system was shut down due to the electrical supply being damaged during mowing activities in August 2013.

Rebound Evaluation – Round 1 (October 2013)

Given that the system was shut down, a rebound evaluation was conducted in October 2013 to assess the ambient sub-slab conditions. Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 785 and 786 on August 9, 2013. Sampling results showed an increase in TCE concentrations at all VMPs except for 786VMP-2. The highest sub-slab TCE concentration was at 785VMP-5 at 73 µg/m^3 at Building 785 and at 786VMP-1 at 140 µg/m^3 at Building 786. All of the sub-slab results were below vapor screening levels. TCE was not detected in any of the indoor and outdoor air samples.

3.2.1.4 Buildings 785 and 786 Sub-Slab Vapor Mitigation Operations and Maintenance 2014

1st Quarter / Calendar Year 2014 (January - March)

The system was still shut down this quarter. The shutdown was triggered by the damaged electrical supply. However, now renovations are being performed to Building 786 and the transformer tub that supplied power to the system has been removed. The new transformer will be installed August 2014.

Rebound Evaluation – Round 2 – (January/February 2014)

An additional rebound evaluation round was conducted in January and February 2014 to assess the sub-slab conditions. The rebound evaluation consisted of sub-slab vapor, indoor air and outdoor air sampling. Sampling was conducted on January 30, 2014. As a result of the low temperatures and equipment placement within the buildings, the sampling ports at VMPs 785VMP-4 and 786VMP-1 were frozen and could not be sampled on January 30, 2014. These points were sampled on February 28, 2014 (785VMP-4) and February 29, 2014 (786VMP-1).

The indoor and outdoor air TCE concentrations were non detect. The highest sub-slab TCE concentration in Buildings 785 and 786 are as follows:

- Building 785 TCE at 27 µg/m^3 at location 785VMP-4, and
- Building 786 TCE at 26 µg/m^3 at location 786VMP-1.

All of the sub-slab results were below vapor screening levels. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants.

2nd Quarter / Calendar Year 2014 (April - June)

The system was still shut down this quarter awaiting renovations to be completed.

3rd Quarter / Calendar Year 2014 (July - September)

The system was turned back online on September 25, 2014. Prior to the system being turned back online, round 3 of rebound evaluation occurred.

Now that the system is back online, O&M activities will be conducted in the following quarter including weekly system component readings (system temperature, flow, vacuum and motor status), periodic GAC replacement, and semi-annual indoor and outdoor air, sub-slab vapor, and influent sampling. The GAC was replaced on September 24, 2014 prior to system startup. The waste inventory tracking form for the spent carbon is provided in Appendix B.

4th Quarter / Calendar Year 2014 (October – December)

GAC was replaced in the previous quarter prior to system start-up (Appendix A). No system shutdowns were reported during this quarter. In addition, no water removal from the knockout tank was required during this quarter.

3.2.2 1st Quarter / Calendar Year 2015 (January - March) Buildings 785 and 786 Sub-Slab Vapor Mitigation System Operations and Maintenance Results

The SSVM system at Buildings 785 and 786 was in operation from May 2011 to August 2013 and then from September 2014 to present.

O&M activities including weekly system component readings (system temperature, flow, vacuum and motor status), periodic GAC replacement, and semi-annual indoor and outdoor air, sub-slab vapor, and influent sampling. The system flow rate and vacuum readings collected in previous quarters and this quarter are illustrated on Figure 3-7 and Figure 3-8, respectively. The GAC was replaced on February 26, 2015. The waste inventory tracking form for the spent carbon is provided in Appendix B. No system shutdowns were reported during this quarter and no water removal from the knockout tank was required. The O&M field forms are presented in Appendix A. The waste inventory tracking form for the spent carbon is provided in Appendix B.

3.2.2.1 Buildings 785 and 786 Sub-Slab Vapor Mitigation System Soil Vapor Monitoring

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 785 and 786 on January 26, 2015. All sampling results are presented in Table 3-4. Only one outdoor air sample was collected between Buildings 785 and 786 due to the close proximity of the buildings. All Daily CQCRs completed during this event are provided in Appendix C. The indoor and outdoor air TCE concentrations were all non-detect.

The highest sub-slab TCE concentration in Buildings 785 and 786 were detected as follows:

- Building 785 - TCE concentration: 41 µg/m^3 at location 785VMP-5, and
- Building 786 - TCE concentration: 6.3 µg/m^3 at location 786VMP-2.

All of the sub-slab results were below vapor screening levels. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. Figures 3-9 and 3-10 show the sub-slab TCE vapor trend chart in both Buildings 785 and 786. The trend lines calculated are exponential trend lines based on the coefficient determination best fit regression line. The data fits an exponential trend the best because of the significant decrease in TCE vapor after the initial start-up of the system. All raw lab data and validated lab data are provided in Appendix D and Appendix E, respectively.

Semi-annual influent sampling occurred on January 26, 2015, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 785 and 786 for TCE were 72 µg/m^3. An effluent sample was not collected. Table 3-5 summarizes influent results since the start-up of the SSVM system.

4 DISCUSSION

O&M activities conducted during this period of performance for the Buildings 774 and 776 SSVM system included weekly system component readings (system temperature, flow, vacuum, motor status, and knock-out tank inspection) and semi-annual sub-slab vapor, indoor air, and outdoor air sampling. The sub-slab vapor sampling results indicated a slight increase in TCE concentrations, but all sub-slab vapor concentrations were below screening levels. All indoor and outdoor air concentrations were also below screening levels and did not pose any unacceptable risk to building occupants.

The Buildings 785 and 786 SSVM system was turned back online in September 2014 following a yearlong shutdown. During this shutdown, rebound testing showed that rebound occurred based on the increase of sub-slab TCE concentrations to 510 µg/m^3 at Building 785 and 410 µg/m^3 at Building 786. Based on the January 2015 sub-slab sampling results, TCE concentrations have decreased following system startup to 41 µg/m^3 at Building 785 and 6.3 µg/m^3 at Building 786. Indoor air, and outdoor air concentrations detected during operation and shutdown sampling events were below screening levels and did not pose any unacceptable risk to building occupants.

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5 RECOMMENDATIONS

Performance monitoring for groundwater conducted under a separate contract showed chlorinated VOC concentrations were still above NYS Groundwater Standards at both the SD-052-02 Building 775 Site and the SD-052-01 Apron 2 Chlorinated Plume Site. Therefore, continued operation of the SSVM systems at Buildings 774 and 776 and Buildings 785 and 786 is recommended. SSVM soil vapor monitoring data shows TCE concentrations in the sub-slab are decreasing at all sites as a result of the mitigation system operation.

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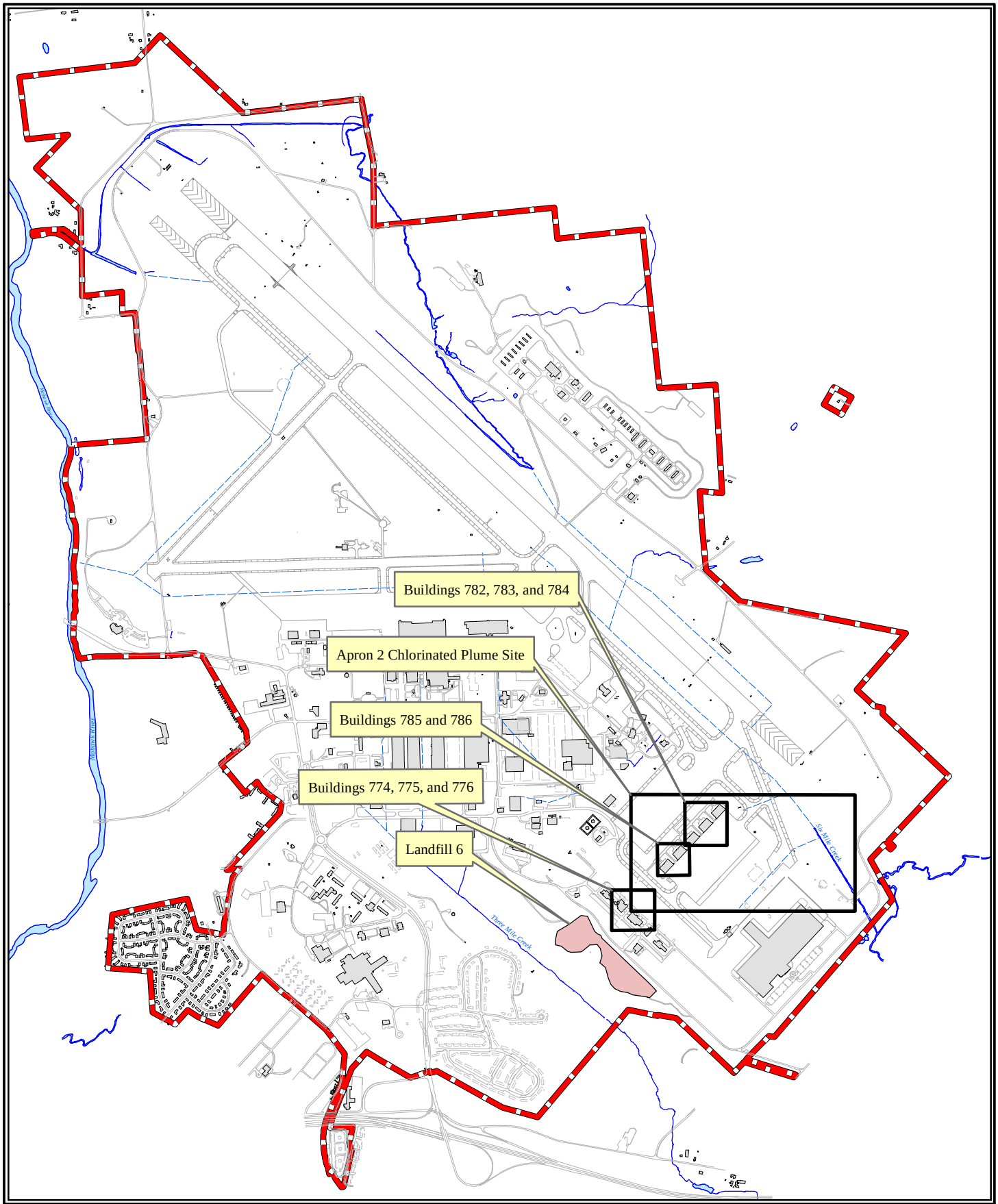
Figures



Base Location

Key to Features

- Road/Airfield
- Storm Drain
- Surface Water
- Base Boundary
- Landfill 6
- Demolished Facility
- Existing Facility
- Site Location

1,200 600 0 1,200 2,400
Feet

Figure 1-1
SSVM Site Locations

N

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ROME, NEW YORK

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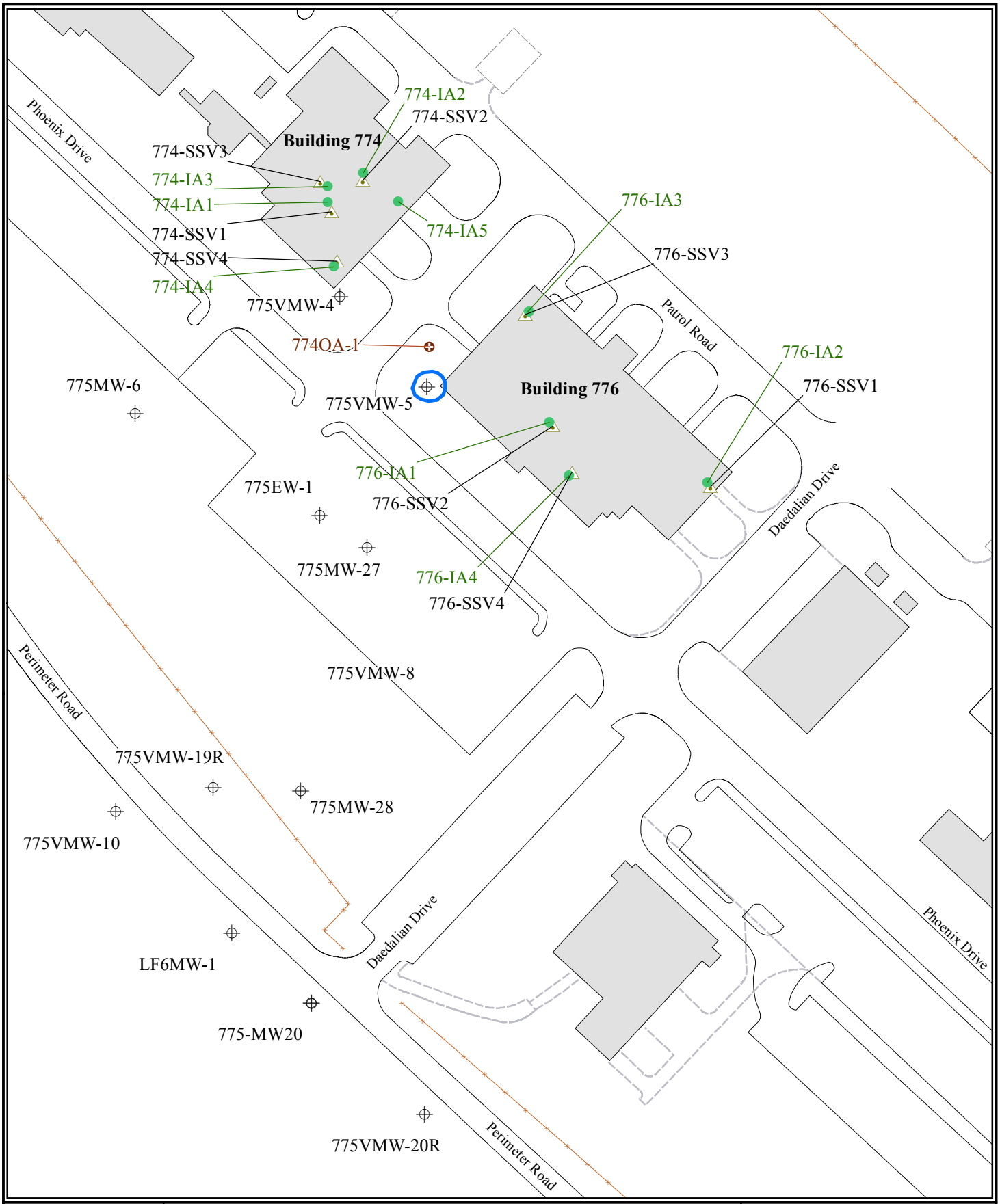

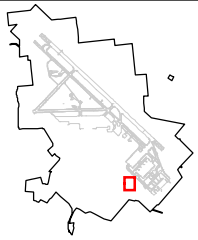

Site Location

Key to Features

- Monitoring Well
- Indoor Air Sample Location
- Outdoor Air Sample Location
- Sub-Slab Vapor
- Existing Road
- Removed Road
- Demolished Facility
- Existing Facility
- TCE 50 µg/L 2014

Figure 2-1
Buildings 774 and 776
Site Features

0 50 100 200
Feet

N

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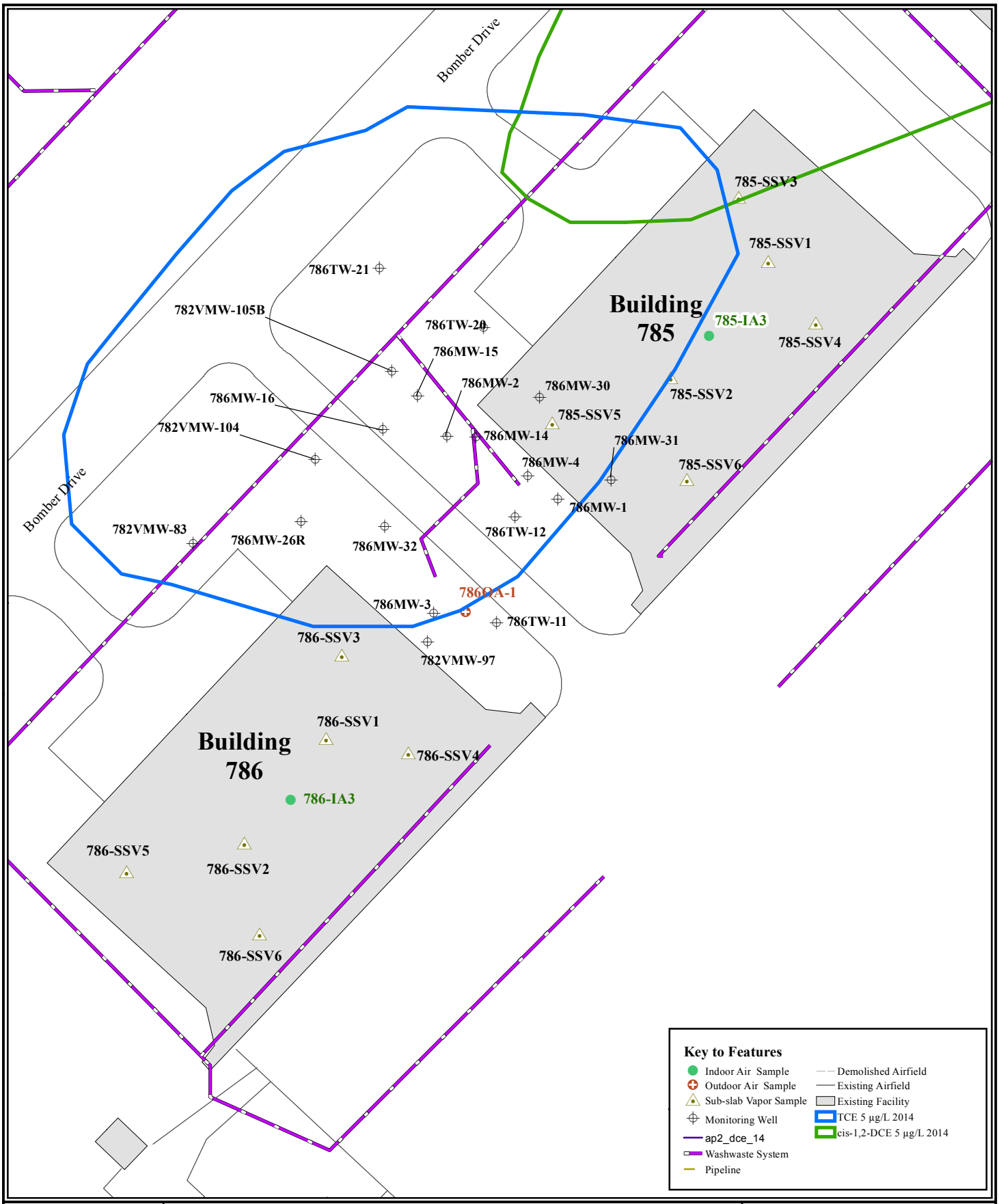

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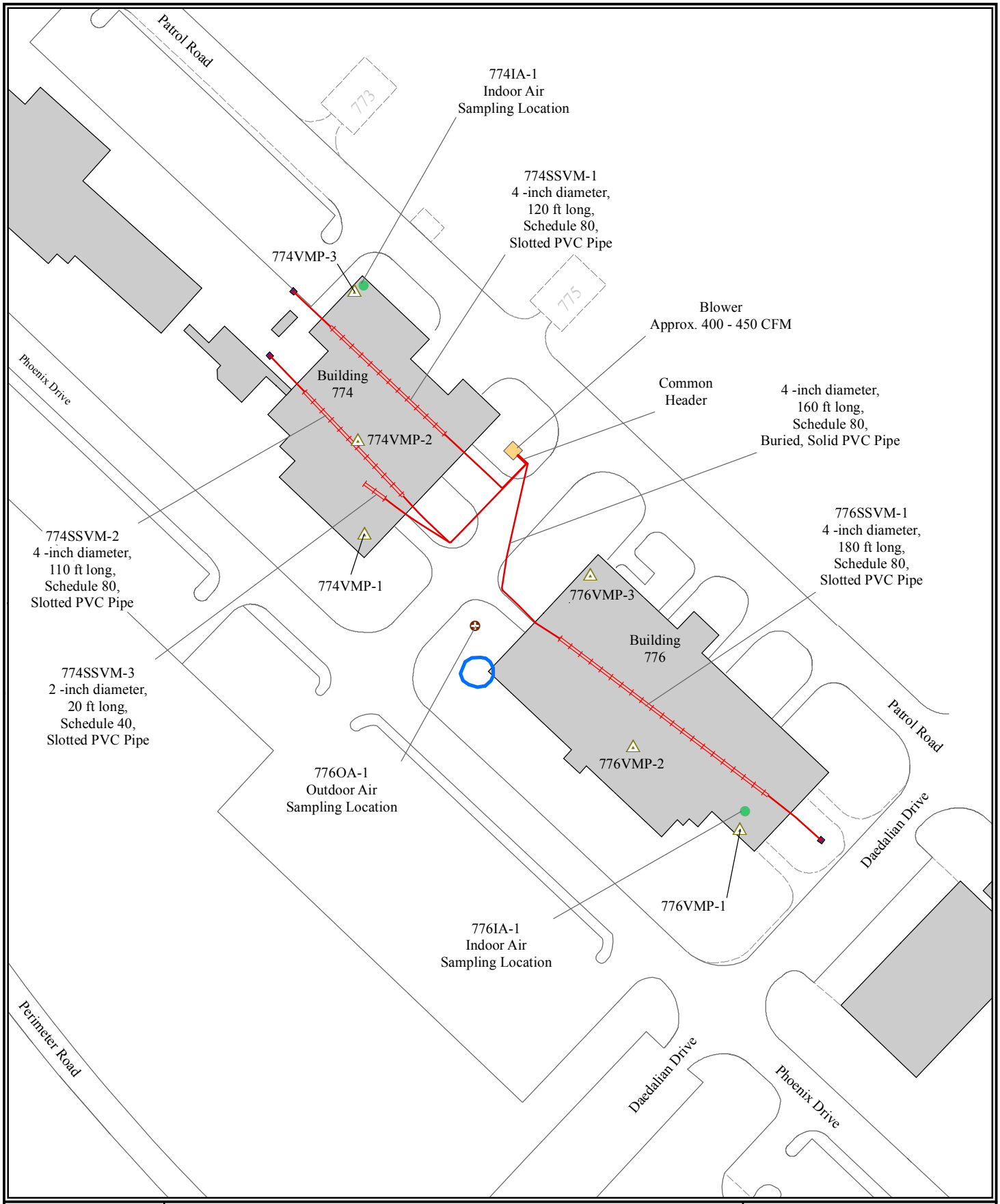

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Figure 3-2
774SSVM-1, -2 and 776SSVM-1
Long Term Operation Flow Rate
(June 2011 through March 2015)

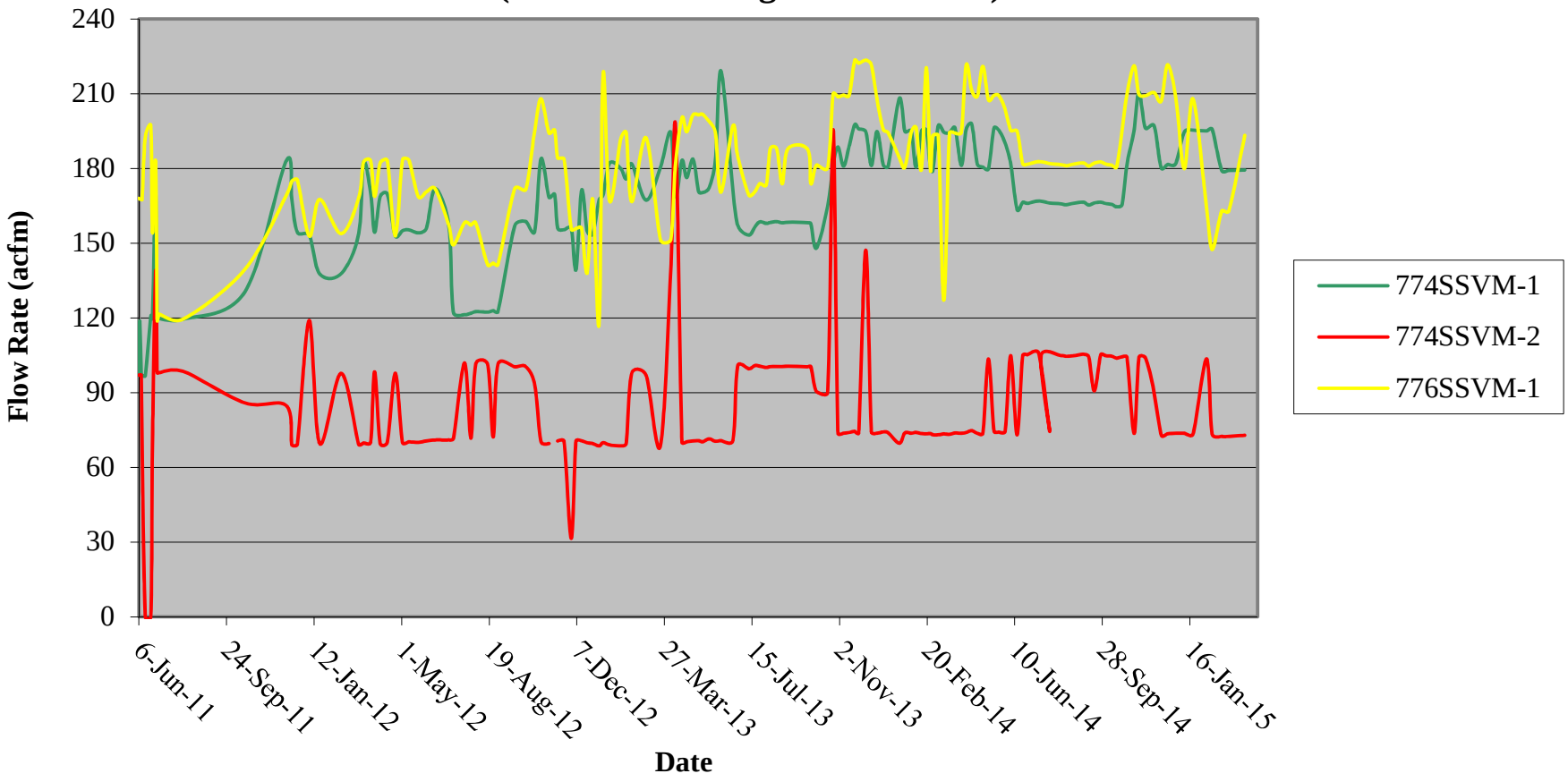


Figure 3-3
774SSVM-1, -2 and 776SSVM-1
Long Term Operation Vacuum
(June 2011 through March 2015)

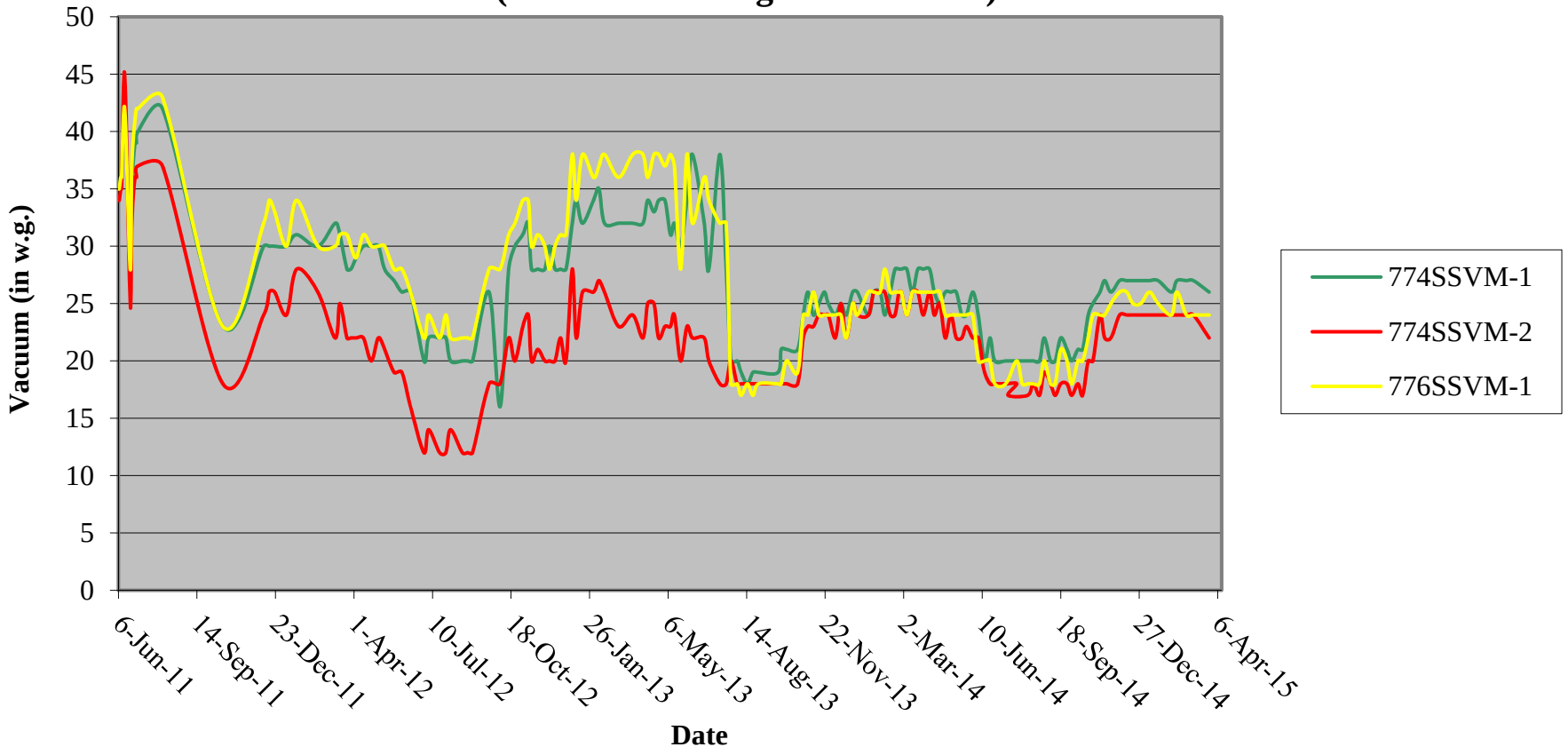
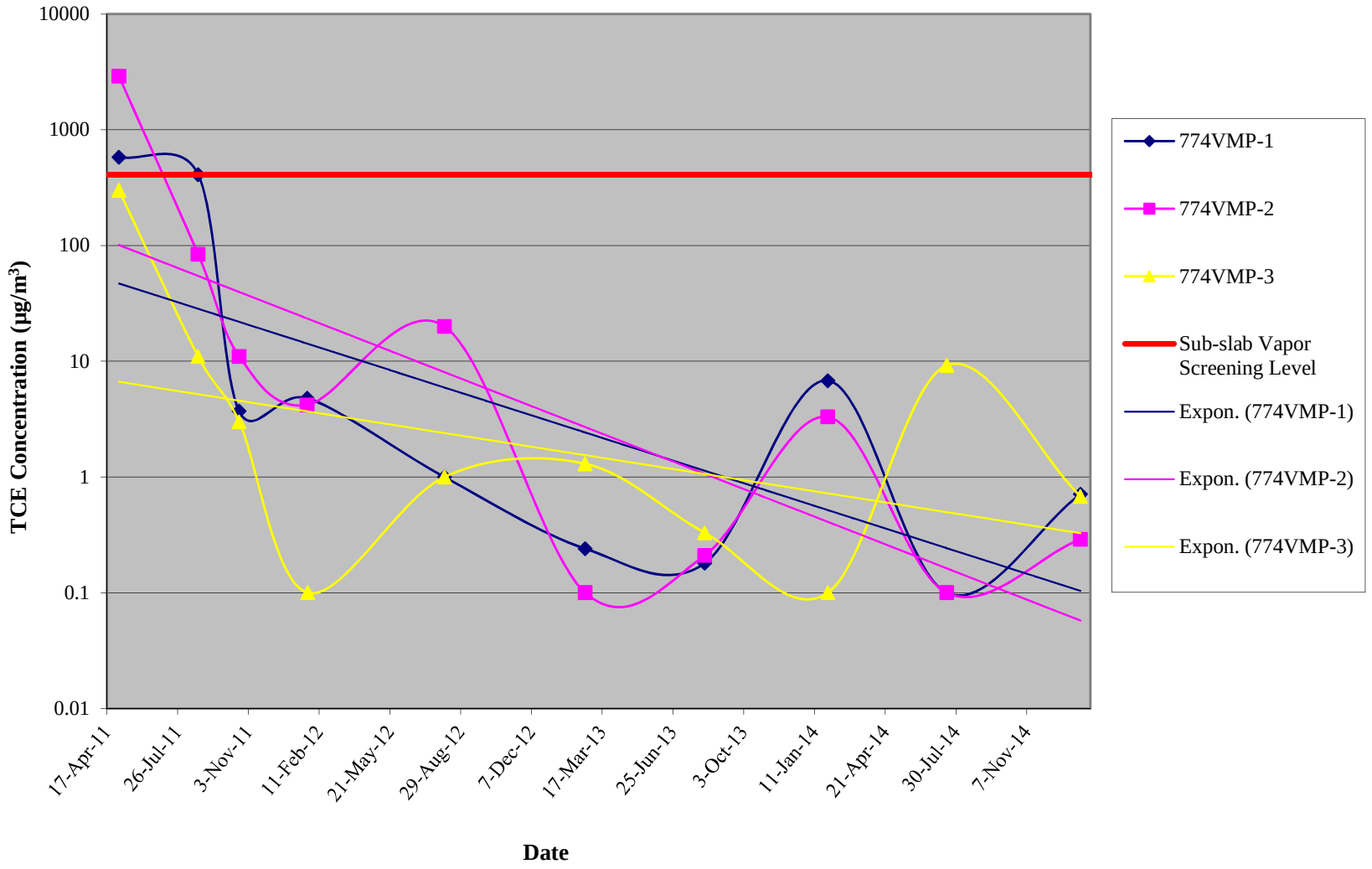
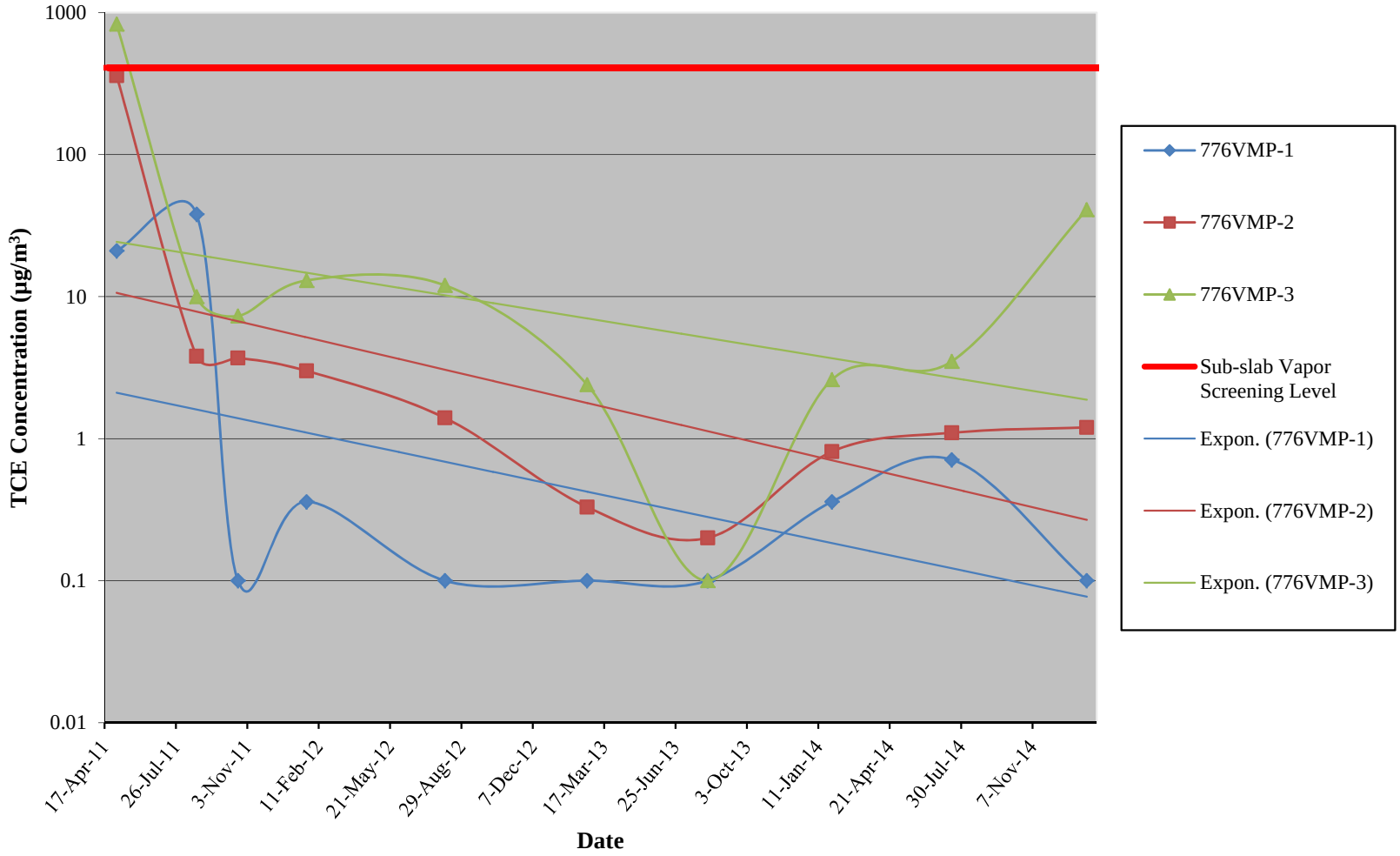


Figure 3-4
Sub-Slab TCE Trend Chart Building 774
(May 2011 through March 2015)

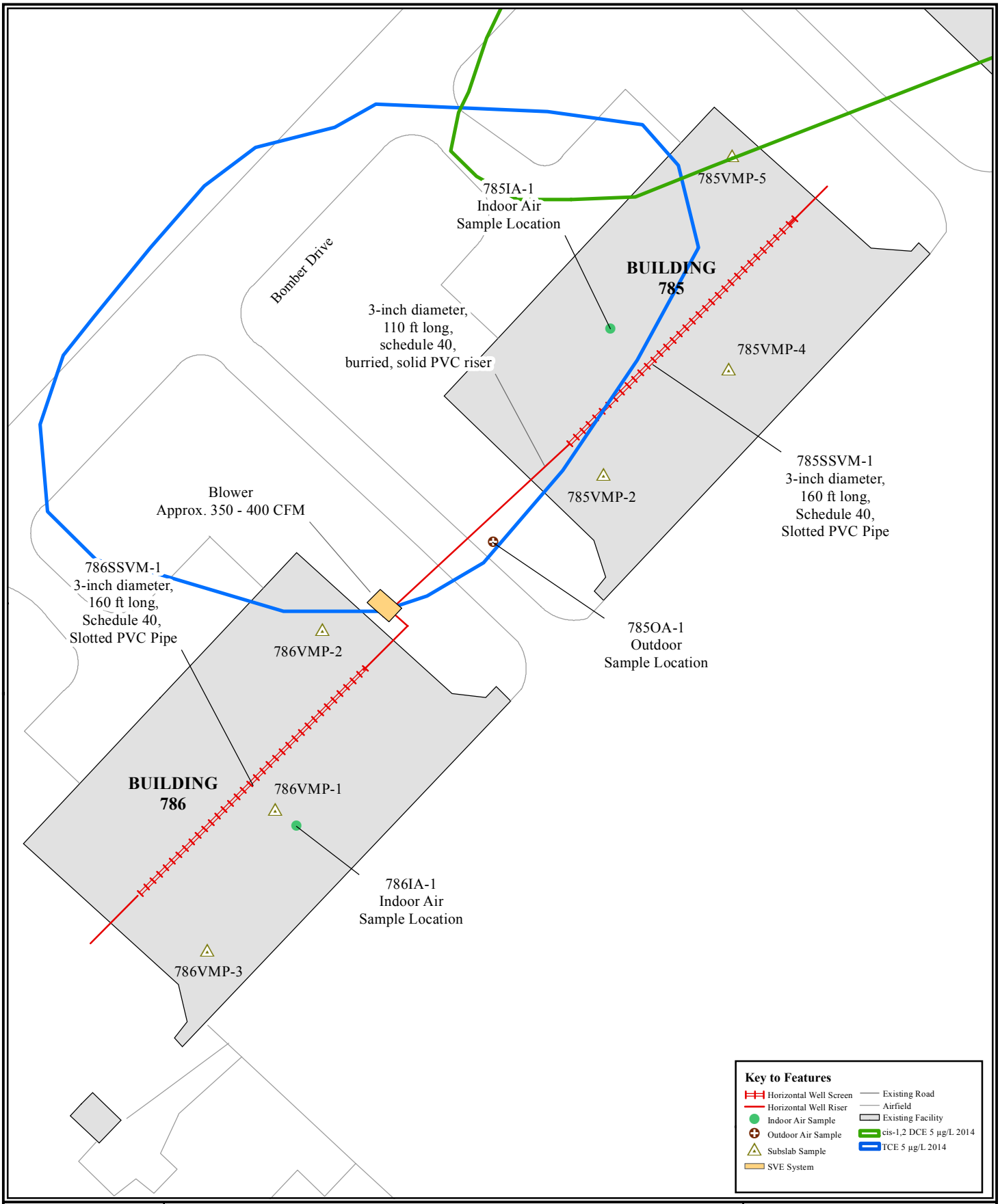


Note: Not detected results are plotted as 0.10 µg/m^3.

Figure 3-5
Sub-Slab TCE Trend Chart Building 776
(May 2011 through March 2015)



Note: Not detected results are plotted as 0.10 µg/m^3.



Site Location

Figure 3-6
Buildings 785 and 786
SSVM System

0 25 50 100
Feet

N

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Figure 3-7
785SSVM-1 and 786SSVM-1
Long Term Operation Flow Rate
(May 2011 through March 2015)

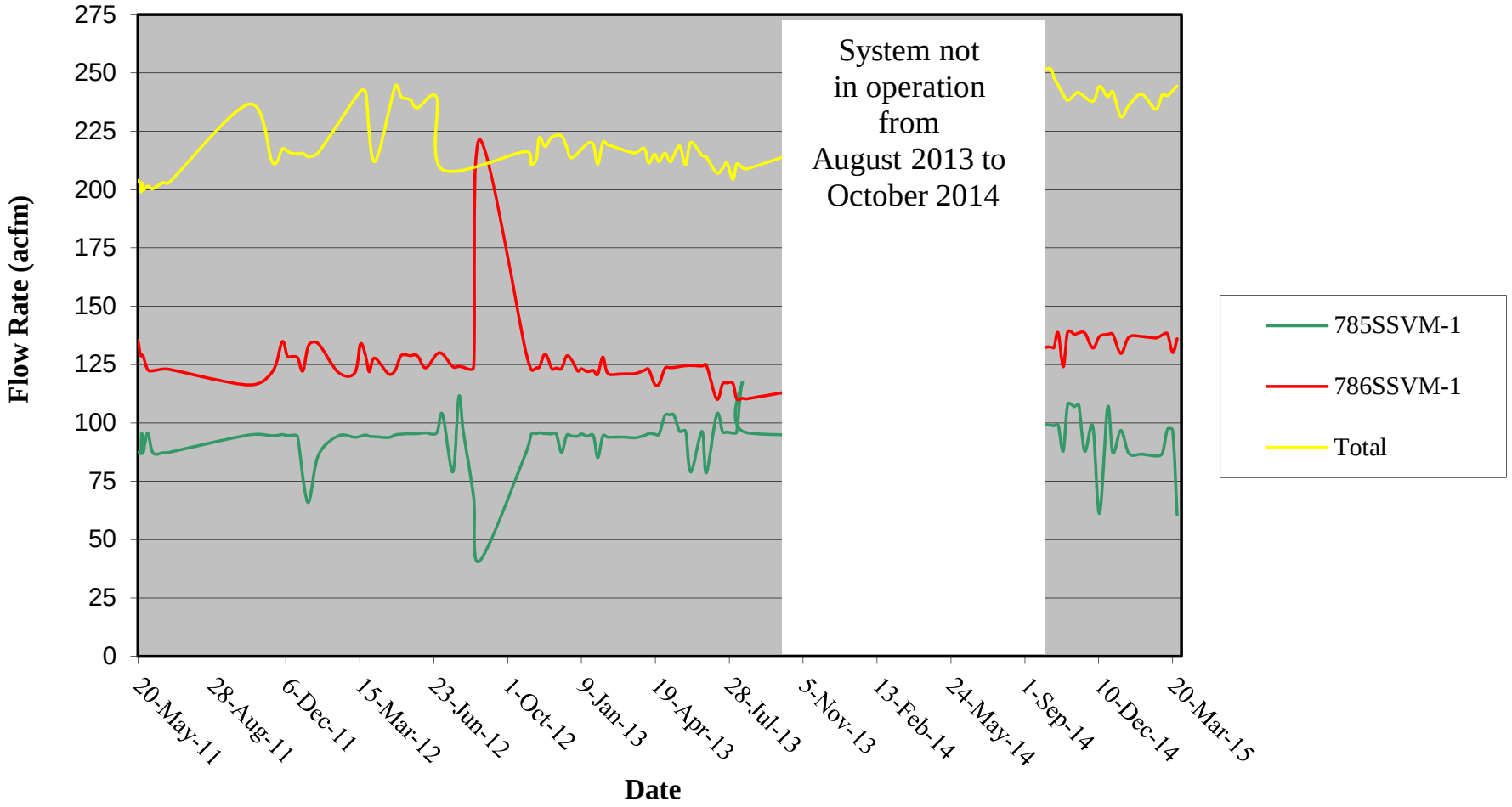


Figure 3-8
785SSVM-1 and 786SSVM-1
Long Term Operation Vacuum
(May 2011 through March 2015)

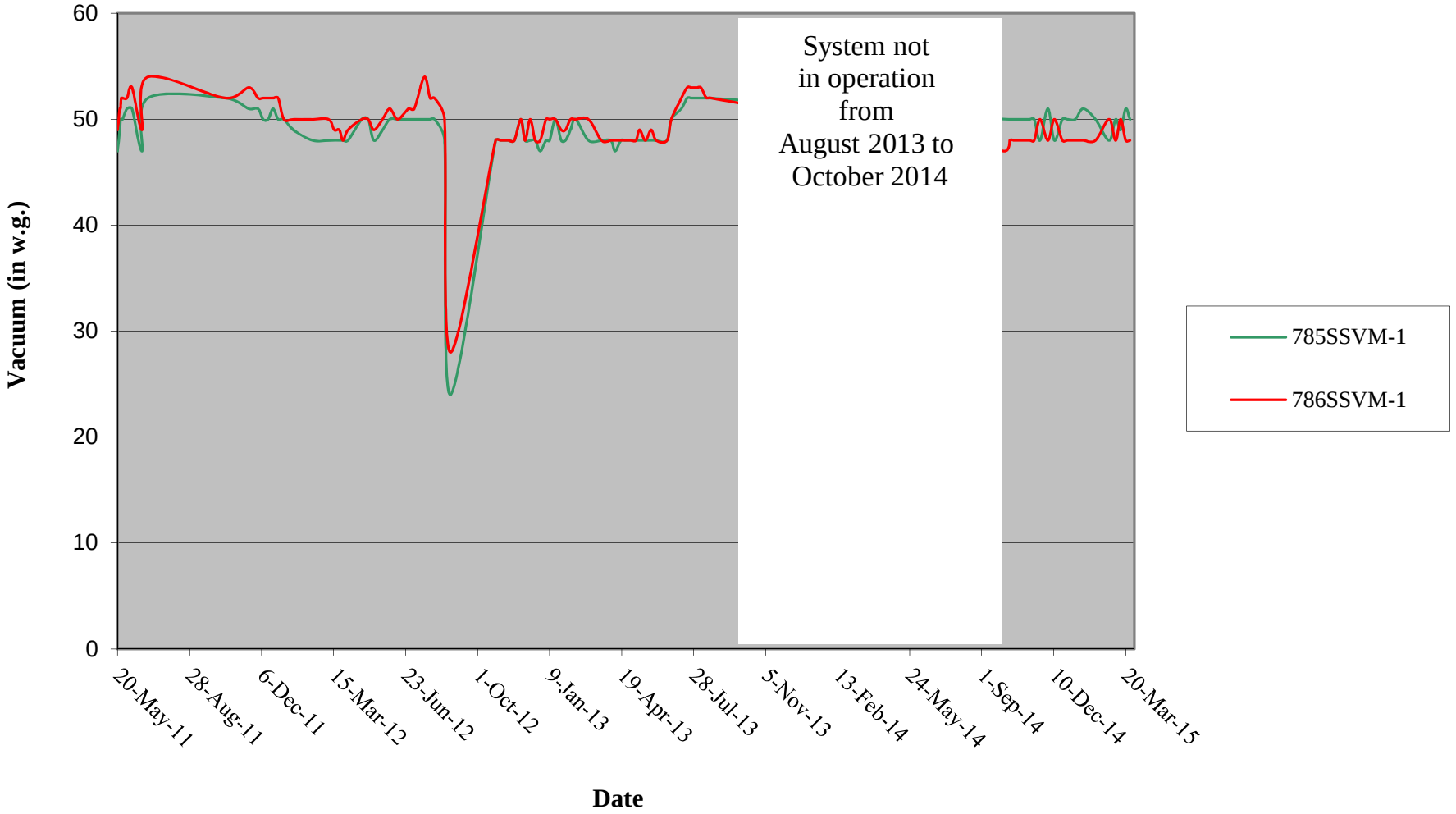
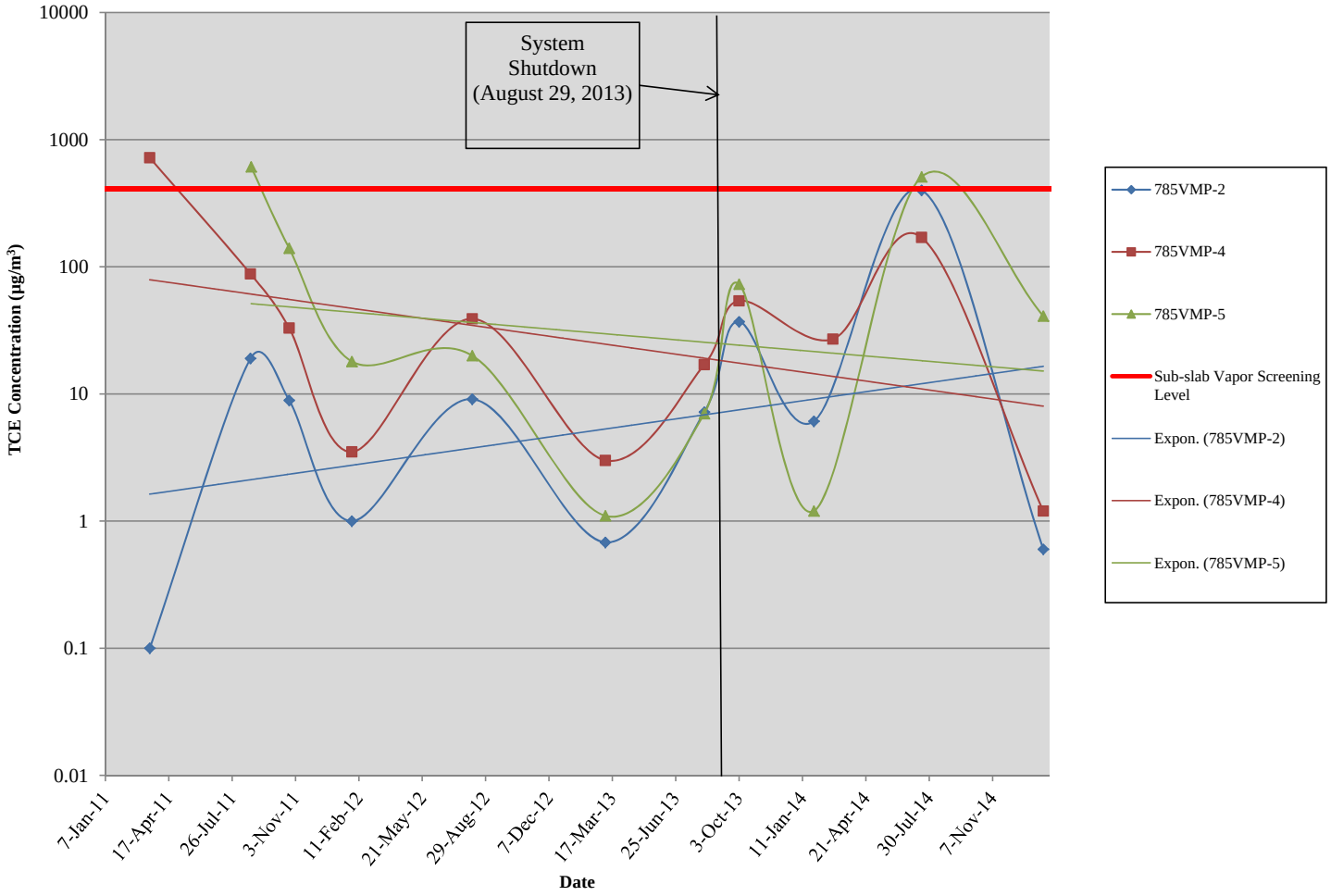
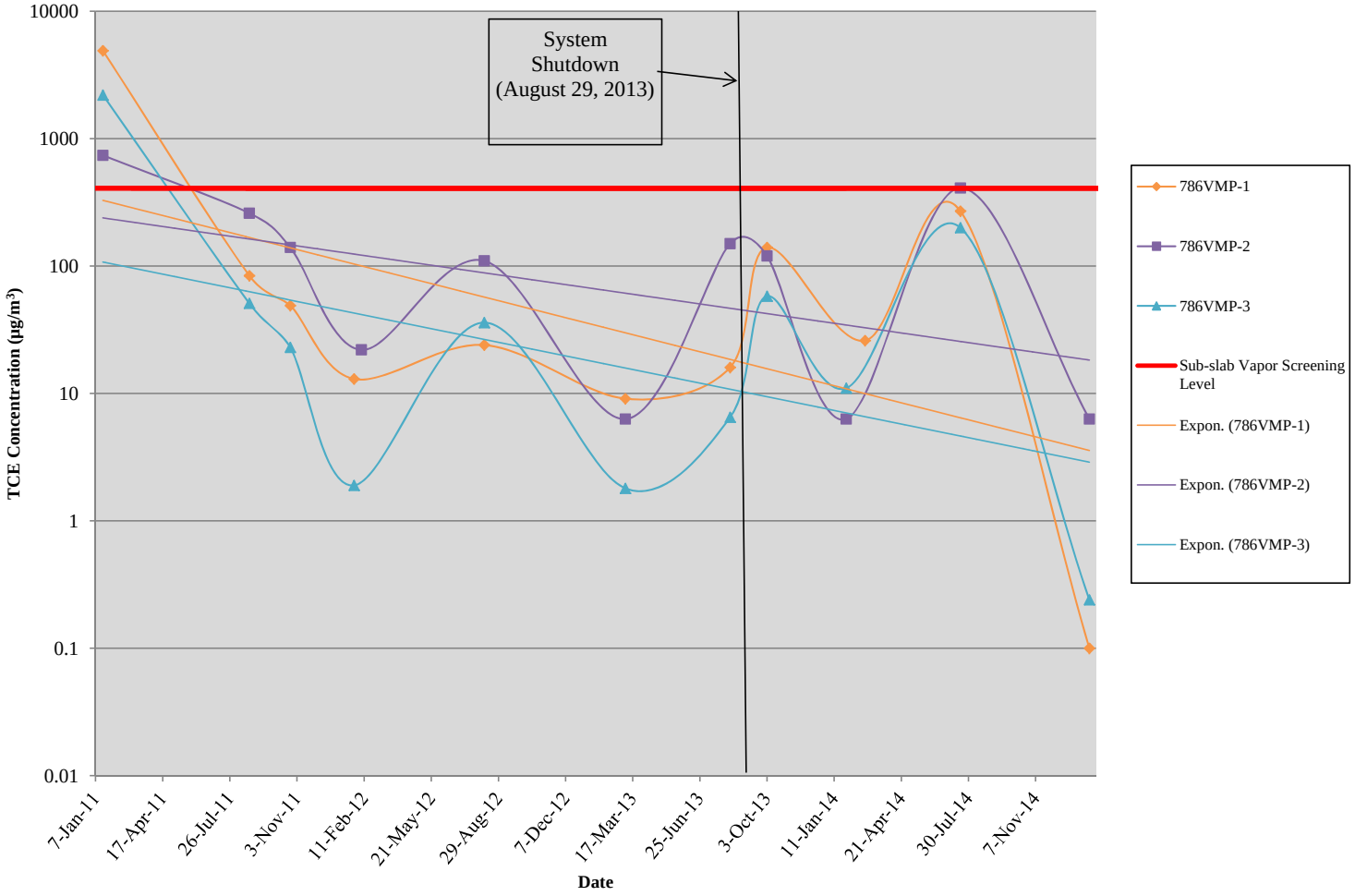


Figure 3-9
Sub-Slab TCE Trend Chart Building 785
(January 2011 through March 2015)



Note: Not detected results are plotted as 0.1 µg/m^3.

Figure 3-10
Sub-Slab TCE Trend Chart Building 786
(January 2011 through March 2015)



Note: Not detected results are plotted as 0.1 µg/m^3.

Tables

Table 2-1 - Building 774/776 AOC Short List Indoor and Outdoor Historical Analytical Results
December 2006/April 2008/May 2008

Sample Location	Indoor Air Screening Level (µg/m^3)	774IA-1			774IA-2			774IA-3	
Sample ID		774-IA1	774IA1BB	774IA1CA	774-IA2	774IA2BB	774IA2CA	774IA3BB	774IA3CA
Sample Type		Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Sample Date		20-Dec-2006	15-Apr-2008	29-May-2008	20-Dec-2006	15-Apr-2008	29-May-2008	15-Apr-2008	29-May-2008
Sample Depth (ft above ground)	5	5	5	5	5	5	5	5	5
Sample Collection Duration (hr)	12	8	12	12	8	12	12	12	12
Volatiles (TO-15) in µg/m^3									
cis-1,2-dichloroethene	102	U	1.57	0.685	U	U	U	U	U
trichloroethylene (TCE)	41	2.4	347	3.99	3.4	559	4.21	389	4.7
vinyl chloride	186	U	0.13	U	U	U	U	U	U

Notes:
U - Not detected.
µg/m^3: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.

Table 2-1 - Building 774/776 AOC Short List Indoor and Outdoor Historical Analytical Results
December 2006/April 2008/May 2008

Sample Location	Indoor Air Screening Level (µg/m^3)	774IA-4		774IA-5	774OA-1		
Sample ID		**774IA4BB**	**774IA4CA**	**774IA5CA**	**774-OA1**	**774OA1BB**	**774OA1CA**
Sample Type		**Indoor**	**Indoor**	**Indoor**	**Outdoor**	**Outdoor**	**Outdoor**
Sample Date		**15-Apr-2008**	**29-May-2008**	**29-May-2008**	**20-Dec-2006**	**15-Apr-2008**	**29-May-2008**
Sample Depth (ft above ground)		**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)	**12**	**12**	**12**	**12**	**8**	**8**	**8**
Volatiles (TO-15) in µg/m^3							
cis-1,2-dichloroethene	102	U	U	U	U	U	U
trichloroethylene (TCE)	41	236	2.13	6.61	U	0.492	U
vinyl chloride	186	U	U	U	U	U	U

Notes:
U - Not detected.
µg/m^3: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.

Table 2-1 - Building 774/776 AOC Short List Indoor and Outdoor Historical Analytical Results
December 2006/April 2008

Sample Location	Indoor Air Screening Level ($\mu g/m^3$)	776IA-1		776IA-2		776IA-3	776IA-4
Sample ID		776-IA1	776IA1BB	776-IA2	776IA2BB	776IA3BB	776IA4BB
Sample Type		Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Sample Date		20-Dec-2006	15-Apr-2008	20-Dec-2006	15-Apr-2008	15-Apr-2008	20-Dec-2006
Sample Depth (ft above ground)		5	5	5	5	5	5
Sample Collection Duration (hr)	12	8	12	8	12	12	12
Volatiles (TO-15) in $\mu g/m^3$							
cis-1,2-dichloroethene	102	U	U	U	U	U	U
trichloroethylene (TCE)	41	4.4	3.28	2.9	2.35	2.51	2.62
vinyl chloride	186	U	U	U	U	U	U

Notes:

U - Not detected.

$\mu g/m^3$: microgram per cubic meter.

Exceedance of the indoor or outdoor initial benchmark.

Table 2-1 - Building 774/776 AOC Detected Sub-slab Vapor Historical Analytical Results
October 2006/April 2008

Sample Location	**Sub-slab Vapor Screening Level ($\mu g/m^3$)**	**774SSV-1**		**774SSV-2**		**774SSV-3**	**774SSV-4**
Sample ID		**774-SSV1**	**774SSV1BB**	**774-SSV2**	**774SSV2BB**	**774SSV3BB**	**774SSV4BB**
Sample Type		**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**
Sample Date		**24-Oct-2006**	**15-Apr-2008**	**24-Oct-2006**	**15-Apr-2008**	**15-Apr-2008**	**15-Apr-2008**
Sample Depth (ft bgs)		**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)	**12**	**8**	**12**	**8**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$							
cis-1,2-dichloroethene	1,022	U	U	U	U	0.64	0.60
trichloroethylene (TCE)	409	1,700	490	810	590	66	69
vinyl chloride	186	U	U	U	U	U	U

Notes:

U: Not detected.

$\mu g/m^3$: microgram per cubic meter.

Exceedance of the cancer screening value.

Table 2-1 - Building 774/776 AOC Detected Sub-slab Vapor Historical Analytical Results
October 2006/April 2008

Sample Location	**Sub-slab Vapor Screening Level ($\mu g/m^3$)**	**776SSV-1**		**776SSV-2**		**776SSV-3**	**776SSV-4**
Sample ID		**776-SSV1**	**776SSV1BB**	**776-SSV2**	**776SSV2BB**	**776SSV3BB**	**776SSV4BB**
Sample Type		**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**
Sample Date		**24-Oct-2006**	**15-Apr-2008**	**24-Oct-2006**	**15-Apr-2008**	**15-Apr-2008**	**15-Apr-2008**
Sample Depth (ft bgs)		**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)	**12**	**8**	**12**	**8**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$							
cis-1,2-dichloroethene	1,022	U	U	U	U	0.64	U
trichloroethylene (TCE)	409	3,000	6.9	700	110	120	230
vinyl chloride	186	U	U	U	U	U	U

Notes:

U: Not detected.

$\mu g/m^3$: microgram per cubic meter.

Exceedance of the cancer screening value.

Table 2-1 - Building 785/786 AOC Short List Indoor and Outdoor Historical Analytical Results
December 2006/April 2008

Sample Location	**Indoor Air Screening Level ($\mu g/m^3$)**	**785IA-1**	**785IA-2**	**785IA-3**
Sample ID		**785-IA1**	**785-IA2**	**785IA3BB**
Sample Type		**Indoor**	**Indoor**	**Indoor**
Sample Date		**20-Dec-2006**	**20-Dec-2006**	**17-Apr-2008**
Sample Depth (ft above ground)		**5**	**5**	**5**
Sample Collection Duration (hr)	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$				
1,2,4-trimethylbenzene	NA	NA	NA	1.30
1,3,5-trimethylbenzene	NA	NA	NA	0.650 F
benzene	88	1.1	1.1	0.617
carbon disulfide	NA	U	U	U
carbon tetrachloride	NA	U	U	U
ethylbenzene	743	NA	NA	0.441 F
freon 11	NA	U	U	U
freon 113	NA	U	U	U
freon 12	NA	U	U	U
isopropyl alcohol	NA	U	U	U
m,p-xylene (sum of isomers)	292	NA	NA	1.28 F
methyl ethyl ketone	NA	U	U	U
methylene chloride	NA	U	U	U
Naphthalene	NA	NA	NA	1.33
o-xylene	292	NA	NA	0.485 F
tetrachloroethylene (PCE)	102	U	U	U
toluene	NA	NA	NA	2.72
trichloroethylene (TCE)	41	U	U	0.655
vinyl chloride	186	U	U	U

Notes:

U - Not detected.

F - The result was detected between the MDL and RL.

NA- Not Available

$\mu g/m^3$: microgram per cubic meter.

Table 2-1 - Building 786 AOC Short List Indoor and Outdoor Analytical Results
December 2006/April 2008

Sample Location	Indoor Air Screening Level ($\mu g/m^3$)	786IA-1	786IA-2	786IA-3	786OA-1	
Sample ID		786-IA1	786-IA2	786IA3BB	786-OA1	786OA1BB
Sample Type		Indoor	Indoor	Indoor	Outdoor	Outdoor
Sample Date		20-Dec-2006	20-Dec-2006	18-Apr-2008	20-Dec-2006	18-Apr-2008
Sample Depth (ft above ground)		5	5	5	5	5
Sample Collection Duration (hr)	12	8	8	12	12	12
Volatiles (TO-15) in $\mu g/m^3$						
1,2,4-trimethylbenzene	NA	NA	U	0.749	U	0.949
1,3,5-trimethylbenzene	NA	NA	U	U	U	U
benzene	88	1.2	1.2	0.747	0.96	0.617
cis-1,2-dichloroethene	102	U	U	U	U	U
ethylbenzene	743	NA	NA	U	NA	U
m,p-xylene (sum of isomers)	292	NA	NA	0.750 J	NA	0.883 J
Naphthalene	NA	NA	NA	1.01	NA	U
o-xylene	292	NA	NA	U	NA	0.441 J
tetrachloroethylene (pce)	102	U	0.896 F	U	U	U
toluene	NA	NA	NA	1.92	NA	1.49
trichloroethylene (tce)	41	0.43 J	U	U	U	U
vinyl chloride	186	U	U	U	U	U

Notes:

U - Not detected.

F - The result was detected between the MDL and RL.

NA- Not Available

$\mu g/m^3$: microgram per cubic meter.

J- The analyte was positively indentified; the quantitation is an estimation.

Table 2-1 - Building 785/786 AOC Detected Sub-slab Vapor Historical Analytical Results
October 2006/April 2008

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	785SSV-1		785SSV-2		785SSV-3	785SSV-4	785SSV-5	785SSV-6
Sample ID		B785-SSV1	785SSV1BB	B785-SSV2	785SSV2BB	785SSV3BB	785SSV4BB	785SSV5BB	785SSV6BB
Sample Type		SSV	SSV	SSV	SSV	SSV	SSV	SSV	SSV
Sample Date		24-Oct-2006	17-Apr-2008	24-Oct-2006	17-Apr-2008	17-Apr-2008	17-Apr-2008	17-Apr-2008	17-Apr-2008
Sample Depth (ft bgs)		1	1	1	1	1	1	1	1
Sample Collection Duration (hr)	12	8	12	8	12	12	12	12	12
Volatiles (TO-15) in $\mu g/m^3$									
1,1,1-trichloroethane	146,000	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	NA	1.9	NA	2.3	2.9	4.0	3.4	9.0
1,3,5-trimethylbenzene	175	U	0.70 J	U	0.90	1.1	1.6	1.6	3.5
acetone	NA	U	U	U	U	U	U	U	U
allyl chloride (3-chloropropene)	29	U	U	U	U	U	U	U	U
benzene	105	U	10	15	3.5	17	19	14	20
carbon disulfide	20,440	U	U	U	U	U	U	U	U
carbon tetrachloride	55	U	U	U	U	U	U	U	U
chloroform	36	U	U	U	U	U	U	U	U
chloromethane	818	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	1,022	75	13	U	0.69	0.48 J	14	0.52 J	56.00
cyclohexane	175,200	U	U	U	U	U	U	U	U
ethylbenzene	743	U	1.0	U	1.9	1.8	2.4	3.0	4.0
freon 11	20,440	U	U	U	U	U	U	U	U
freon 113	876,000	U	U	U	U	U	U	U	U
freon 12	5,840	U	U	U	U	U	U	U	U
m,p-xylene (sum of isomers)	2,920	U	2.7	U	4.4	6.3	8.8	10	12 J
methyl ethyl ketone	146,000	U	U	U	U	U	U	U	U
methylene chloride	1,740	U	U	U	U	U	U	U	U
Naphthalene	NA	NA	1.2	NA	1.9	1.2	1.4	1.8	1.6
o-xylene	2,920	U	1.1	U	1.6	1.9	2.8	4.9	3.3
tetrachloroethylene (PCE)	139	U	U	U	U	U	U	U	U
tetrahydrofuran	NA	U	U	U	U	U	U	U	U
toluene	146,000	60	5.5	13	5.1	12	18	64	28
trans-1,2-dichloroethene	NA	U	U		U	U	U	U	U
trichloroethylene (TCE)	409	11,000	110	2,300	430	220	11	180	2200
vinyl chloride	186	U	U	U	U	U	U	U	U

Notes:

U - Not detected.

F- The result was detected between the MDL and RL.

J- The analyte was positvely identified, but the quantitation is an approximation.

NA- Not Available

$\mu g/m^3$: microgram per cubic meter.

Exceedance of the indoor or outdoor initial benchmark.

Table 2-1 - Building 785/786 AOC Detected Sub-slab Vapor Historical Analytical Results
October 2006/April 2008

Sample Location		**786SSV-1**		**786SSV-2**		**786SSV-3**	**786SSV-4**	**786SSV-5**	**786SSV-6**
Sample ID	**Sub-slab Vapor Screening Level ($\mu g/m^3$)**	**B786-SSV1**	**786SSV1BB**	**B786-SSV2**	**786SSV2BB**	**786SSV3BB**	**786SSV4BB**	**786SSV5BB**	**786SSV6BB**
Sample Type		**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**
Sample Date		**24-Oct-2006**	**18-Apr-2008**	**24-Oct-2006**	**18-Apr-2008**	**18-Apr-2008**	**18-Apr-2008**	**18-Apr-2008**	**18-Apr-2008**
Sample Depth (ft bgs)		**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)	**12**	**8**	**12**	**8**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$									
1,2,4-trimethylbenzene	175	NA	3.9	NA	4.8	4.5	4.2	170	4.8
benzene	105	U	29	24 J	21	21	35	36	16
cis-1,2-dichloroethene	1,022	480	230	U	12	1.2	U	3.1	5.4
ethylbenzene	743	U	2.3	U	3.1	2.3	2.9	29	2.3
m,p-xylene (sum of isomers)	2,920	U	9.0	U	8.4	8.9	8.4	91	9.2
Naphthalene	NA	NA	1.3	NA	2.1	2.6	1.2	27	1.5
o-xylene	2,920	U	3.0	U	3.9	2.8	3.8	57	3.0
tetrachloroethylene (PCE)	139	2200	70	U	0.97	U	U	57	23
toluene	146,000	U	21	U	14	12	20	75	15
trichloroethylene (TCE)	409	81,000	19,000	4,700 J	1,500	69	320	3,600	6,500
vinyl chloride	186	U	U	U	U	U	U	U	U

Notes:

U - Not detected.

F- The result was detected between the MDL and RL.

J- The analyte was positvely identified, but the quantitation is an approximation.

NA- Not Available

$\mu g/m^3$: microgram per cubic meter.

Exceedance of the indoor or outdoor initial benchmark.

Table 3-1
SSVM Systems Operation and Maintenance

Field Activities	Rationale	Location	Parameters
System Component Readings	Weekly recording of system temperature, flow, vacuum and motor status to determine proper operation.	Building 774 / 776 Blower Shed and Building 785 / 786 Blower Shed	None
VMP Vacuum Measurements	Semi-annually recording to support sub-slab depressurization.	VMPs inside buildings as shown on Figure 3-1 and 3-2	None
Granular Activated Carbon Replacement	Every four months to adsorb extracted chlorinated solvent vapors.	Building 774 / 776 Blower Shed and Building 785 / 786 Blower Shed	None
Indoor Air Sampling	Semi-Annually to evaluate current human exposure and to obtain site specific attenuation factors for risk assessment (ratio of indoor air to sub-slab vapor concentrations).	One sample per building as shown on Figure 3-1 and 3-2	VOC: Method TO-15 Full List
Outdoor Air Sampling	Semi-Annually to occur simultaneously with indoor air sampling to evaluate potential influence of outdoor air on indoor air sampled.	One sample per site as shown on Figure 3-1 and 3-2	VOC: Method TO-15 Full List
Sub-Slab Vapor Sampling	Semi-Annually to occur simultaneously with indoor air sampling to evaluate chlorinated solvent transport and mitigation and to obtain site specific attenuation factors for risk assessment (ratio of indoor air to sub-slab vapor concentrations).	VMPs inside buildings as shown on Figure 3-1 and 3-2	VOC: Method TO-15 Full List
Influent Sampling	Semi-Annually prior to sub-slab sampling to determine soil vapor extraction.	SSVM System's exhaust stack before carbon treatment	VOC: Method TO-15 Full List

Table 3-2
Building 774/776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* (µg/m³)	Indoor Air Screening Level* (µg/m³)	774VMP-1									
Sample ID			774VMP0101AA	774VMP0101AB	774VMP0101AC	774VMP0101AD	774VMP0101AG	774VMP0101HA	774VMP0101IA	774VMP0101JA	774VMP0101KA	774VMP0101MA
Sample Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Sample Date			4-May-2011	24-Aug-2011	21-Oct-2011	25-Jan-2012	6-Aug-2012	21-Feb-2013	8-Aug-2013	30-Jan-2014	17-Jul-2014	22-Jan-2015
Sample Depth (ft bgs / ags)			1	1	1	1	1	1	1	1	1	1
Sample Collection Duration (hr)			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Volatiles (TO-15) in µg/m³												
1,1,1-trichloroethane	220,000	22,000	U	U	1.1	U	U	22,000	U	0.84 J	U	0.2 J
1,1-dichloroethane	77	7.7	0.53 J	U	U	U	U	U	U	U	U	U
1,2,4-trichlorobenzene	88	9	U	U	U	U	U	U	U	U	U	0.27 J
1,2,4-trimethylbenzene	310	31	6.7	3.2	U	12	1.8	1.3 J	U	U	U	0.35 J
1,2-dichloroethane	4.7	0.47	U	U	U	U	U	0.37 J	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	2.5	0.9	U	3.2 J	0.47 J	0.52 J	U	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	1.4 J	0.40 J	U	U	U	U	U
1,4-dichlorobenzene	11	1.1	U	U	U	U	U	U	0.31 J	U	U	0.17 J
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	1.9	U	2.6 J	2.2	15	1.1	U	U	U
4-ethyltoluene	NA	NA	4.6	1.2	U	3.2 J	0.56 J	0.26 J	U	U	U	0.14 J
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.28 J	U	U	U	U	U
acetone	1,400,000	140,000	54	31	18	64	30 B	86	28	43 J	U	64
benzene	16	1.6	1.6	4.3	U	U	0.44 J	1.3	0.64	0.49 J	U	0.89
carbon disulfide	31,000	3,100	U	0.66	U	U	U	0.42 J	1.3 J	U	U	0.89 J
carbon tetrachloride	20	2	1	0.70 J	U	U	0.50 J	0.76 J	0.71 J	0.55 J	U	0.57 J
chlorobenzene	2,200	220	U	0.51 J	U	U	U	U	0.15 J	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	18	9.1	U	U	0.38 J	U	0.42 J	0.82 J	U	U
chloromethane	3,900	390	3.5	U	U	U	1.1	2.1	1.2	1.5	U	1.3
cis-1,2-dichloroethene	NA	NA	0.89	0.77	U	U	U	U	U	U	U	U
cumene	18,000	1,800	NA	NA	NA	1.1 J	U	U	0.42 J	U	U	U
cyclohexane	260,000	26,000	4.8	7.8	2.4	U	2.3	18	0.91	1.1	U	1.1
ethyl acetate	3,100	310	U	U	0.77 J	U	U	U	NA	U	U	U
ethylbenzene	49	4.9	1.4	2.8	U	4.1 J	0.95	1.8	0.97	U	U	0.25 J
freon 11 (trichlorofluoromethane)	31,000	3,100	31	19	2.0	1.9 J	2.3	2 J	3.7	2.4	15 J	1.6
freon 113 (freon TF)	1,300,000	130,000	U	0.78 J	U	U	0.63 J	0.65 J	0.50 J	0.62 J	U	0.97 J
freon 12 (dichlorodifluoromethane)	4,400	440	2.1	2.8	2.5	2.4 J	2.8	3.4 J	2.3 J	3.1	2.8 J	2.5
freon 22	2,200,000	220,000	NA	NA	NA	300	83	7.3 J	17	8.2	1100	5.1
heptane	NA	NA	U	3.7	U	U	0.68 J	18	0.57 J	0.51 J	U	0.44 J
hexane	31,000	3,100	U	7.9	U	5.1	1.2	27	0.67 J	0.71	U	0.51 J
isopropyl alcohol	NA	NA	U	U	2.8	17 J	22	65	15	4.0 J	9.0 J	13
m,p-xylene (sum of isomers)	4,400	440	5.3	9	U	12	3.1	6.4	2.5	U	U	0.56 J
methyl butyl ketone	NA	NA	U	U	U	U	0.43 J	U	0.58 J	U	U	1.2 J
methyl ethyl ketone	220,000	22,000	1.7	4.9	1.7	1.9 J	3.2 B	6.1	3.2	2.5	U	7.2
methyl isobutyl ketone	130,000	13,000	U	U	U	U	1.1 J	U	0.61 J	0.40 J	U	1.2 J
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	U	0.99	0.46 J	U	0.72 J	0.77 J	0.50 J	0.69 J	U	1.3 J
Naphthalene	3.6	0.36	U	U	U	U	0.60 J	1.1 J	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	U	1.4	3.7	1.0 J	12	U	1.9
n-Propylbenzene	44,000	4,400	NA	NA	NA	2.2 J	0.36 J	U	U	U	U	U
o-xylene	4,400	440	2.4	2.4	U	7.9	1.2	2	0.63 J	U	U	0.27 J
styrene	44,000	4,400	U	U	U	U	0.48 J	0.41 J	U	U	U	0.12 J
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	U	1.4 J	1.4 J	U	U	0.96 J
tetrachloroethylene (pce)	470	47	0.97 J	1	U	U	U	U	U	U	U	U
tetrahydrofuran	NA	NA	3.1	U	U	U	2.2 J	U	U	U	U	0.75 J
toluene	220,000	22,000	1.6	17	2.1	5.2	4.2	7.4	3.3	0.69 J	1.4 J	1
trichloroethylene (tce)	30	3	580	410	3.7	4.8 J	1.0 J	0.24 J	0.18 J	6.8	U	0.71 J
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
µg/m³: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
*EPA Commercial Regional Screening Levels

Table 3-2
Building 774/776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* (µg/m³)	Indoor Air Screening Level* (µg/m³)	774VMP-2									
Sample ID			774VMP0201AA	774VMP0201AB	774VMP0201AC	774VMP0201AD	774VMP0201AG	774VMP0201HA	774VMP0201IA	774VMP0201JA	774VMP0201KA	774VMP0201MA
Sample Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Sample Date			4-May-2011	24-Aug-2011	21-Oct-2011	25-Jan-2012	6-Aug-2012	21-Feb-2013	8-Aug-2013	30-Jan-2014	17-Jul-2014	22-Jan-2015
Sample Depth (ft bgs / ags)			1	1	1	1	1	1	1	1	1	1
Sample Collection Duration (hr)			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Volatiles (TO-15) in µg/m³												
1,1,1-trichloroethane	220,000	22,000	85	2.4	U	U	2.6	U	U	U	U	U
1,1-dichloroethane	77	7.7	U	U	U	U	U	U	U	U	U	U
1,2,4-trichlorobenzene	88	9	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	310	31	12	4	0.65 J	6.0 J	1.7	0.45 J	0.34 J	0.31 J	U	0.28 J
1,2-dichloroethane	4.7	0.47	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	3.9	2	U	U	0.43 J	U	U	U	U	0.11 J
1,3-dichlorobenzene	NA	NA	U	U	U	U	0.37 J	U	U	U	U	U
1,4-dichlorobenzene	11	1.1	U	U	U	U	U	U	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	2.2	U	2.1 J	U	12	U	0.26 J	U	U
4-ethyltoluene	NA	NA	8.5	1.5	U	U	0.52 J	U	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.34 J	U	U	0.47 J	U	U
acetone	1,400,000	140,000	53	U	11	110 J	43	82	22	47 J	U	17
benzene	16	1.6	6	4.4	U	U	0.53 J	1.2	0.34 J	0.79	U	0.74
carbon disulfide	31,000	3,100	0.95	0.6	U	U	1.2 J	U	U	U	U	U
carbon tetrachloride	20	2	1.4	0.70 J	U	U	0.59 J	U	1.0 J	0.78 J	U	0.54 J
chlorobenzene	2,200	220	U	0.56 J	U	U	U	U	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	45	1.8	0.69 J	U	0.69 J	U	0.76 J	1.1	U	0.23 J
chloromethane	3,900	390	U	U	U	U	0.77 J	1.9	1.3	1.0 J	U	1.1
cis-1,2-dichloroethene	NA	NA	0.73	U	U	U	U	U	U	U	U	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	U	U
cyclohexane	260,000	26,000	5.9	10	3.5	U	1.8	12	1.3	1.6 J	U	0.98
ethyl acetate	3,100	310	U	0.62 J	U	U	U	U	NA	U	U	U
ethylbenzene	49	4.9	1.6	3.2	U	1.9 J	0.94	1.5	0.31 J	0.25 J	U	0.22 J
freon 11 (trichlorofluoromethane)	31,000	3,100	400	22	2.2	U	3.8	1.8	7.3	3.5	14 J	1.9
freon 113 (freon TF)	1,300,000	130,000	0.86 J	0.78 J	U	U	0.61 J	U	0.51 J	0.82 J	U	0.82 J
freon 12 (dichlorodifluoromethane)	4,400	440	2.8	2.8	2.1	3.1 J	2.5	2.9	2.4 J	3.4	U	2.6
freon 22	2,200,000	220,000	NA	NA	NA	750	130	6.7 J	27	U	1300 J	U
heptane	NA	NA	U	4.2	6.2	U	0.88	18	0.32 J	0.75 J	U	0.38 J
hexane	31,000	3,100	U	8.2	U	U	0.77	23	0.49 J	0.83	U	0.55 J
isopropyl alcohol	NA	NA	4.4	15	2.4	20 J	30	39	44	7.2 J	12 J	9.3 J
m,p-xylene (sum of isomers)	4,400	440	5.1	12	0.53 J	5.5 J	3.1	4.7	0.89 J	0.63 J	U	0.57 J
methyl butyl ketone	NA	NA	U	U	U	U	U	U	0.19 J	U	U	U
methyl ethyl ketone	220,000	22,000	4.3	3	U	U	3.4 B	5.4	1.2 J	2.0	U	U
methyl isobutyl ketone	130,000	13,000	U	U	U	U	1.3 J	U	0.44 J	0.45 J	U	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	U	U	U	U	0.59 J	U	0.48 J	1.1 J	U	0.72 J
Naphthalene	3.6	0.36	U	U	U	U	1.9 J	U	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	U	1.2 J	3.6	4.7	18 J	U	3.4
n-Propylbenzene	44,000	4,400	NA	NA	NA	U	0.31 J	U	U	U	U	U
o-xylene	4,400	440	2.2	2.8	U	3.6 J	1.1	1.2	0.34 J	0.23 J	U	0.2 J
styrene	44,000	4,400	U	U	U	U	0.44 J	U	0.18 J	U	U	0.078 J
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
tetrachloroethylene (pce)	470	47	2.8	U	U	U	U	U	U	0.25 J	U	U
tetrahydrofuran	NA	NA	6.7	U	U	U	1.4 J	U	U	U	U	U
toluene	220,000	22,000	3.2	17	1.4	4.8 J	3.9	4.7	1.4	1.2 J	U	0.91
trichloroethylene (tce)	30	3	2,900	84	11	4.2 J	20	U	0.21 J	3.3 J	U	0.29 J
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
µg/m³: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
*EPA Commercial Regional Screening Levels

Table 3-2
Building 774/776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* (µg/m³)	Indoor Air Screening Level* (µg/m³)	774VMP-3									
Sample ID			774VMP0301AA	774VMP0301AB	774VMP0301AC	774VMW0301AD	774VMP0301AG	774VMP0301HA	774VMP0301IA	774VMP0301JA	774VMP0301KA	774VMP0301MA
Sample Type			sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab
Sample Date			4-May-2011	24-Aug-2011	21-Oct-2011	26-Jan-2012	6-Aug-2012	21-Feb-2013	8-Aug-2013	30-Jan-2014	17-Jul-2014	22-Jan-2015
Sample Depth (ft bgs / ags)			1	1	1	1	1	1	1	1	1	1
Sample Collection Duration (hr)			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Volatiles (TO-15) in µg/m³												
1,1,1-trichloroethane	220,000	22,000	12	0.67 J	U	U	U	U	U	U	U	U
1,1-dichloroethane	77	7.7	U	U	U	U	U	U	U	U	U	U
1,2,4-trichlorobenzene	88	9	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	310	31	6.3	4.1	0.95	U	0.35 J	1.4 J	U	U	U	U
1,2-dichloroethane	4.7	0.47	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	2.2	1.8	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	11	1.1	U	U	U	U	U	U	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	2.3	U	U	U	13	0.22 J	U	U	U
4-ethyltoluene	NA	NA	4.2	1.6	U	U	U	U	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.27 J	1.8 J	U	U	U	U
acetone	1,400,000	140,000	17	19	12	30 J	25 B	94	11 J	U	170 J	8 J
benzene	16	1.6	2.5	3.8	0.39 J	U	0.38 J	2.9 J	0.34 J	U	5.8 J	1.4 J
carbon disulfide	31,000	3,100	0.95	1.4	U	U	0.32 J	9	0.25 J	U	U	U
carbon tetrachloride	20	2	0.45	U	U	U	U	U	U	U	U	U
chlorobenzene	2,200	220	U	0.84	U	U	U	U	0.10 J	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	9.1	U	U	U	0.22 J	U	0.16 J	U	U	U
chloromethane	3,900	390	U	U	U	U	0.43 J	1.3 J	0.79 J	U	U	1.3 J
cis-1,2-dichloroethene	NA	NA	U	U	U	U	U	U	U	U	U	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	U	U
cyclohexane	260,000	26,000	6.2	11	4.8	U	0.83	12	0.94	U	12 J	0.44 J
ethyl acetate	3,100	310	U	U	U	U	U	U	NA	U	U	U
ethylbenzene	49	4.9	1.5	3.6	U	U	0.45 J	4 J	0.26 J	U	2.5 J	U
freon 11 (trichlorofluoromethane)	31,000	3,100	630	120	9.5	21	15	5.4 J	40	15 J	370	8.5
freon 113 (freon TF)	1,300,000	130,000	0.86 J	0.78 J	U	U	0.51 J	U	0.45 J	U	U	U
freon 12 (dichlorodifluoromethane)	4,400	440	U	2.6	2.4	3.5 J	2.4 J	3.5 J	2.1 J	U	24 J	3 J
freon 22	2,200,000	220,000	NA	NA	NA	880	26	11 J	11	U	4000	3.1 J
heptane	NA	NA	U	3.5	U	U	0.72 J	17	0.23 J	U	U	U
hexane	31,000	3,100	U	7.5	U	U	1.6	20	0.37 J	U	U	U
isopropyl alcohol	NA	NA	U	U	U	25 J	4.2 J	65	7.4 J	U	110 J	3 J
m,p-xylene (sum of isomers)	4,400	440	4.5	12	1.2 J	U	1.2 J	15	0.66 J	U	5.6 J	U
methyl butyl ketone	NA	NA	U	U	U	U	0.81 J	U	U	U	U	U
methyl ethyl ketone	220,000	22,000	U	U	U	7.6 J	3.8 B	13	U	U	U	U
methyl isobutyl ketone	130,000	13,000	U	U	U	U	0.37 J	1.1 J	0.37 J	U	U	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	U	U	U	U	2.1	2.3 J	0.51 J	U	U	U
Naphthalene	3.6	0.36	U	U	U	U	0.68 J	U	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	U	2.7	3.2 J	0.96 J	U	U	2.1 J
n-Propylbenzene	44,000	4,400	NA	NA	NA	U	U	U	U	U	U	U
o-xylene	4,400	440	2.2	3.2	U	U	0.38 J	3.7 J	0.26 J	U	U	U
styrene	44,000	4,400	U	1.4	U	U	0.31 J	U	0.23 J	U	5.0 J	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.3 J	U	0.50 J	U	U	U
tetrachloroethylene (pce)	470	47	U	U	U	U	U	U	0.24 J	U	U	U
tetrahydrofuran	NA	NA	U	U	U	12 J	1.3 J	U	U	U	U	U
toluene	220,000	22,000	2.3	16	2.2	1.3 J	4.0	12.0	1.1	U	8.6 J	0.68 J
trichloroethylene (tce)	30	3	300	11	3.0	U	1.0 J	1.3 J	0.33 J	U	9.2 J	U
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
µg/m³: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
*EPA Commercial Regional Screening Levels

Table 3-2
Building 774/776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* (µg/m³)	Indoor Air Screening Level* (µg/m³)	774-1A									
Sample ID			774IA1AD	774IA1AE	774IA1AF	774IA1AG	774IA1AH	774IA11A	774IA1JA	774IA1KA	774IA1LA	774IA1MA
Sample Type			Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Sample Date			5-May-2011	6-Sep-2011	21-Oct-2011	25-Jan-2012	6-Aug-12	21-Feb-13	8-Aug-13	30-Jan-14	17-Jul-14	22-Jan-15
Sample Depth (ft bgs / ags)			5	5	5	5	5	5	5	5	5	5
Sample Collection Duration (hr)			12	12	12	12	12	12	12	12	12	12
Volatiles (TO-15) in µg/m³												
1,1,1-trichloroethane	220,000	22,000	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	77	7.7	U	U	U	U	U	U	U	U	U	U
1,2,4-trichlorobenzene	88	9	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	310	31	2.7	1.6	0.65 J	U	U	U	0.28 J	0.32 J	0.20 J	U
1,2-dichloroethane	4.7	0.47	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	0.27 J	U	U	U	U
1,4-dichlorobenzene	11	1.1	U	U	U	U	U	0.46 J	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	1.6 J	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	U	U	U	U	0.55 J	0.24 J	U	U	U
4-ethyltoluene	NA	NA	U	U	U	U	U	U	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
acetone	1,400,000	140,000	52	34	19	28 J	32 B	44	18	47	18 J	11 J
benzene	16	1.6	1.3	U	U	U	U	0.69	0.31 J	0.80	0.24 J	0.68
carbon disulfide	31,000	3,100	0.66	U	U	U	U	U	U	U	U	U
carbon tetrachloride	20	2	0.51	0.90 J	U	U	0.45 J	0.46 J	0.44 J	0.53 J	0.49 J	0.45 J
chlorobenzene	2,200	220	0.7	U	U	U	U	U	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	0.2 J	U	U	U	U
chloroform	5.3	0.53	0.55 J	U	U	U	0.28 J	0.32 J	0.18 J	0.57 J	U	U
chloromethane	3,900	390	U	1.2	U	1.7 J	1.2	2.7	1.0 J	1.7	1.2 J	1.1
cis-1,2-dichloroethene	NA	NA	U	U	U	U	U	U	U	0.21 J	U	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	U	U
cyclohexane	260,000	26,000	1.3	U	U	U	U	0.57 J	0.14 J	U	U	U
ethyl acetate	3,100	310	U	U	U	U	U	U	NA	U	U	U
ethylbenzene	49	4.9	0.84	0.57 J	U	U	U	0.19 J	0.24 J	0.26 J	0.23 J	0.15 J
freon 11 (trichlorofluoromethane)	31,000	3,100	33	77	4.2	8.9	5.0	3.2	40	16	18	2.2
freon 113 (freon TF)	1,300,000	130,000	U	0.86 J	U	U	0.56 J	0.72 J	0.55 J	0.65 J	U	0.67 J
freon 12 (dichlorodifluoromethane)	4,400	440	U	2.8	2.4	U	2.4 J	3	2.2 J	3.0	2.9 J	2.6
freon 22	2,200,000	220,000	NA	NA	NA	350	40	10 J	11	13	330	2
heptane	NA	NA	1.7	U	U	U	U	0.66 J	0.21 J	0.51 J	U	U
hexane	31,000	3,100	33	U	U	U	U	1.9	0.42 J	0.74	0.34 J	U
isopropyl alcohol	NA	NA	11	32	9.9	29 J	8.3 J	26	14	26	11 J	1.6 J
m,p-xylene (sum of isomers)	4,400	440	2.4	1.2 J	0.57 J	U	U	0.44 J	0.65 J	0.61 J	0.45 J	U
methyl butyl ketone	NA	NA	U	U	U	U	0.62 J	U	0.61 J	U	U	U
methyl ethyl ketone	220,000	22,000	U	2.8	U	2.5 J	2.2 B	15	2.6	1.6	3.5 J	2.1
methyl isobutyl ketone	130,000	13,000	U	U	U	U	0.37 J	1 J	0.35 J	0.30 J	U	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	0.93 J	U	U	U	U
methylene chloride	12,000	1,200	U	1.1	U	U	0.45 J	1 J	0.59 J	0.76 J	U	0.88 J
Naphthalene	3.6	0.36	U	U	U	U	U	U	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	U	0.32 J	2.5	1.0 J	18	U	2.1
n-Propylbenzene	44,000	4,400	NA	NA	NA	U	U	U	U	U	U	U
o-xylene	4,400	440	0.71	0.49 J	U	U	U	0.18 J	0.27 J	0.23 J	U	U
styrene	44,000	4,400	0.78	0.56 J	U	U	U	0.18 J	0.24 J	0.16 J	0.43 J	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	U	1.7 J	0.69 J	U	U	U
tetrachloroethylene (pce)	470	47	U	U	U	U	U	U	U	U	U	U
tetrahydrofuran	NA	NA	U	U	U	U	U	U	U	U	U	U
toluene	220,000	22,000	5.1	2.5	1.3	0.76 J	0.47 J	0.71 J	1	1.2	0.65 J	0.58 J
trichloroethylene (tce)	30	3	4.4	2.3	0.87	1.5 J	0.35 J	0.22 J	U	0.34 J	U	U
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
µg/m³: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
*EPA Commercial Regional Screening Levels

Table 3-2
Building 774/776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	776VMP-1									
Sample ID			**776VMP0101AA**	**776VMP0101AB**	**776VMP0101AC**	**776VMP0101AD**	**776VMP0101AG**	**776VMP0101HA**	**776VMP0101IA**	**776VMP0101JA**	**776VMP0101KA**	**776VMP0101MA**
Sample Type			**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**
Sample Date			**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**	**9-Aug-2013**	**30-Jan-2014**	**17-Jul-2014**	**22-Jan-2015**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$												
1,1,1-trichloroethane	220,000	22,000	4.5	U	U	U	U	U	U	U	U	U
1,1,2,2-tetrachloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	310	31	9.0	3.5	U	U	0.46 J	0.66 J	0.27 J	U	U	1.3
1,2-dichloroethane	4.7	0.47	U	0.45 J	U	U	0.32 J	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	3.8	1.6	U	U	U	U	U	U	U	0.4 J
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	0.38 J
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	U	U	0.99 J
2,2,4-trimethylpentane	NA	NA	U	U	0.47 J	U	U	6.5	0.18 J	U	U	U
4-ethyltoluene	NA	NA	7.2	0.9	U	U	U	U	U	U	U	0.55 J
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.33 J	U	U	U	U	1.7
acetone	1,400,000	140,000	25	39	39	23	57	37	26	11 J	24	21
benzene	16	1.6	1.0	0.55	1.3	0.52 J	0.43 J	0.87	0.30 J	0.68	0.26 J	0.82
bromomethane	NA	NA	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	1.2	0.57	0.44 J	U	9.5	U	0.22 J	U	2.3 J	4.8
carbon tetrachloride	20	2	0.77	0.77 J	U	0.53 J	0.83 J	0.51 J	1.1 J	0.52 J	0.47 J	0.52 J♦
chlorobenzene	2,200	220	U	U	U	U	U	U	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	11	0.79	U	0.27 J	U	U	0.66 J	0.17 J	0.25 J	U
chloromethane	3,900	390	U	1.1	U	0.67 J	1.3	1.4	1.2	1.1	0.85 J	0.76 J
cis-1,2-dichloroethene	NA	NA	U	9.70	U	U	U	U	U	U	U	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	U	0.17 J
cyclohexane	260,000	26,000	6.8	1.6	3.0	1.2	2.9	6.6	1.1	0.9	1.1 J	0.47 J
ethyl acetate	3,100	310	U	U	U	U	U	U	NA	U	U	U
ethylbenzene	49	4.9	1.6	0.79	1.6	U	0.92	0.76 J	0.40 J	0.30 J	U	1.40
freon 11 (trichlorofluoromethane)	31,000	3,100	1.7	2.5	1.3	1.4	1.3	1.5	1.2	1.4	1.2 J	1.3 ♦
freon 113 (freon TF)	1,300,000	130,000	8.6	0.86 J	U	0.70 J	0.65 J	0.73 J	0.54 J	0.69 J	0.63 J	0.43 J
freon 12 (dichlorodifluoromethane)	4,400	440	6.6	2.9	2.2	2.9	2.5	2.9	U	3.0	2.7 J	2.7
freon 22	2,200,000	220,000	NA	NA	NA	12	13	52 J	3	17	130	4.9
heptane	NA	NA	U	U	1.0	U	0.38 J	8.3	0.20 J	U	U	0.72 J
hexane	31,000	3,100	U	U	1.9	0.38 J	U	9.8	0.29 J	0.35 J	0.33 J	0.72
isopropyl alcohol	NA	NA	U	21	21	49	46	46	19	24	15 J	18 ♦
m,p-xylene (sum of isomers)	4,400	440	5.4	1.9	4.0	0.23 J	1.8 J	2.4	0.87 J	0.60 J	U	4.9
methyl butyl ketone	NA	NA	U	U	U	U	1.4 J	U	0.63 J	U	U	U
methyl ethyl ketone	220,000	22,000	2.9	2.7	1.9	5.9	4.3	3.9	2.8	0.86 J	4	U
methyl isobutyl ketone	130,000	13,000	2.2	U	U	U	3.1	U	1.1 J	0.22 J	0.28 J	0.91 J
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	U	13	0.46 J	0.49 J	0.52 J	1 J	0.47 J	0.67 J	U	0.71 J
naphthalene	3.6	0.36	U	U	U	U	3.2 J	U	0.61 J	U	U	U
n-Butane	NA	NA	NA	NA	NA	2.4	2.8	2.4	1.1 J	3.3	U	21
o-xylene	4,400	440	2.5	0.97	1.1	U	0.65 J	0.78 J	0.31 J	0.23 J	U	1.5
styrene	44,000	4,400	1.1	1.1	0.56 J	U	1.0	0.2 J	0.31 J	0.20 J	U	0.3 J♦
tert-Butyl alcohol	NA	NA	NA	NA	NA	1.3 J	2.0 J	1 J	0.89 J	U	U	0.95 J
tetrachloroethylene (pce)	470	47	U	2.7	U	U	U	U	U	U	U	U
tetrahydrofuran	NA	NA	4.8	1.1	U	9.9 J	0.72 J	U	U	U	U	3 J
toluene	220,000	22,000	5.6	4.1	6.1	0.40 J	1.5	3.1	1.1	0.85	0.38 J	5.2
trichloroethylene (tce)	30	3	21	38	U	0.36 J	U	U	U	0.36 J	0.71 J	U
vinyl chloride	28	2.8	U	0.81	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.
*EPA Commercial Regional Screening Levels

Table 3-2
Building 774/776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	776VMP-2									
Sample ID			**776VMP0201AA**	**776VMP0201AB**	**776VMP0201AC**	**776VMP0201AD**	**776VMP0201AG**	**776VMP0201HA**	**776VMP0201IA**	**776VMP0201JA**	**776VMP0201KA**	**776VMP0201MA**
Sample Type			**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**
Sample Date			**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**	**9-Aug-2013**	**30-Jan-2014**	**17-Jul-2014**	**22-Jan-2015**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$												
1,1,1-trichloroethane	220,000	22,000	8.7	U	U	U	U	U	U	U	U	U
1,1,2,2-tetrachloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	310	31	9.1	3.3	0.65 J	U	0.45 J	0.73 J	2	5.6	2.7	0.3 J
1,2-dichloroethane	4.7	0.47	U	0.49 J	U	U	U	U	U	0.27 J	U	0.22 J
1,3,5-trimethylbenzene	NA	NA	2.8	1.2	U	U	U	U	0.55 J	1.6	0.74 J	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	44	7.8	U
1,4-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	U	U	0.24 J	0.56 J	6.5 J	2.1	0.92 ♦	0.80 J	U
4-ethyltoluene	NA	NA	5.1	1.0	U	U	U	0.27 J	0.58 JM	1.7	0.81 J	0.15 J
4-isopropyltoluene	NA	NA	NA	NA	NA	0.49 J	0.41 J	U	U	1.8 ♦	U	U
acetone	1,400,000	140,000	17	39	45	20	43	36	38	58	38 ♦	8.8 J
benzene	16	1.6	1.1	0.45 J	1.5	0.65	0.43 J	0.92	0.7	1.7 ♦	0.60 J♦	0.75
bromomethane	NA	NA	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	0.98	0.79	0.38 J	0.64 J	0.41 J	0.33 J	3.4	0.44 J♦	U	U
carbon tetrachloride	20	2	0.77	0.77 J	0.70 J	0.53 J	0.70 J	0.56 J	0.42 J	0.62 J♦	U	0.59 J
chlorobenzene	2,200	220	U	U	U	0.13 J	U	U	U	0.31 J♦	U	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	8.3	U	U	0.30 J	0.22 J	U	0.24 J♦	0.22 J	0.33 J♦	U
chloromethane	3,900	390	U	1.2	U	0.85 J	1.4	1.7	1.4♦	1.8	1.3 J	1.2
cis-1,2-dichloroethene	NA	NA	U	U	U	U	U	U	U	0.36 J	U	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	0.34 J♦	U
cyclohexane	260,000	26,000	4.5	7.3	8.5	1.4	2.1	5.5	0.79	6.9 J♦	1.3 J♦	0.72
ethyl acetate	3,100	310	U	1.9	U	U	U	U	NA	U	U	U
ethylbenzene	49	4.9	0.66	0.88	1.4	0.75 J	1.1	0.98	1.4	4.1 J♦	2.1	0.4 J
freon 11 (trichlorofluoromethane)	31,000	3,100	2.5	1.8	1.6	1.6	1.4	1.5	1.2	1.6 ♦	1.5 J	1.2
freon 113 (freon TF)	1,300,000	130,000	6.8	1.0 J	U	1.2 J	0.67 J	0.68 J	0.53 J	0.73 J♦	0.74 J	0.54 J
freon 12 (dichlorodifluoromethane)	4,400	440	11.0	3.0	2.6	3.1	2.5	2.5 ♦	0.47 J	3.3 ♦	3.0 J	2.6
freon 22	2,200,000	220,000	NA	NA	NA	16	14	68 J	3.3	99 J♦	170	10
heptane	NA	NA	0.67	1.3	U	0.38 J	0.43 J	7.1 J	0.72 J	2.3 ♦	0.69 J♦	U
hexane	31,000	3,100	U	U	U	0.53 J	0.43 J	8.5 J	0.68 J	2.3 ♦	0.79 J♦	0.32 J
isopropyl alcohol	NA	NA	U	68	31	41	40	44	30	95	48	16
m,p-xylene (sum of isomers)	4,400	440	2.1	2.4	3.4	1.9 J	2.4	3.2	4.7	11	5.8	1.1 J
methyl butyl ketone	NA	NA	U	U	U	U	1.0 J	U	1.0 J	0.94 J	U	U
methyl ethyl ketone	220,000	22,000	1.7	U	3.9	1.2 J	4.3 B	3.6	5.9	9.4	7.0 ♦	U
methyl isobutyl ketone	130,000	13,000	U	U	U	0.44 J	1.9 J	0.39 J	0.89 J	1.0 J	1.2 J♦	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U	U	U	0.74 J	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	0.33 J	U
methylene chloride	12,000	1,200	U	0.53	U	0.55 J	0.92 J	0.98 J	0.83 J♦	0.89 J	U	U
naphthalene	3.6	0.36	U	U	U	U	1.9 J	0.5 J	0.61 J	U	U	0.68 J
n-Butane	NA	NA	NA	NA	NA	3.2	3.3	2.7 ♦	1.4	5.8 J♦	1.6 J	2.5
o-xylene	4,400	440	1.1	0.93	0.97	0.79 J	0.82 J	1	1.8	4.5 J♦	2.1	0.37 J
styrene	44,000	4,400	0.78	1.0	0.65	0.44 J	1.8	U	0.44 J	4.8	1.6 J	0.67 J
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.3 J	1.7 J	1.7 J	17	5.0 J♦	U
tetrachloroethylene (pce)	470	47	1.4	U	7.4	U	U	U	0.17 J♦	0.52 J♦	U	U
tetrahydrofuran	NA	NA	1.6	4.3	U	U	1.1 J	3.3 J♦	U	1.4 J	U	U
toluene	220,000	22,000	3.2	4.5	6.9	1.4	1.7	3.6 J	4.5	19 J♦	4.8	0.85
trichloroethylene (tce)	30	3	360	3.8	3.7	3.0	1.4	0.33 J	0.20 J♦	0.81 J	1.1 J	0.42 J
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.
*EPA Commercial Regional Screening Levels

Table 3-2
Building 774/776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	776VMP-3									
Sample ID			**776VMP0301AA**	**776VMP0301AB**	**776VMP0301AC**	**776VMP0301AD**	**776VMP0301AG**	**776VMP0301HA**	**776VMP0301IA**	**776VMP0301JA**	**776VMP0301KA**	**776VMP0301MA**
Sample Type			**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**
Sample Date			**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**	**9-Aug-2013**	**30-Jan-2014**	**17-Jul-2014**	**22-Jan-2015**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$												
1,1,1-trichloroethane	220,000	22,000	18	U	U	U	U	U	U	U	U	U
1,1,2,2-tetrachloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	310	31	11	2.1	0.50 J	0.61 J	0.52 J	U	0.67 J	U	0.36 J	0.25 J
1,2-dichloroethane	4.7	0.47	U	0.62	U	0.27 J	U	0.29 J	U	U	0.27 J	U
1,3,5-trimethylbenzene	NA	NA	2.7	0.70 J	U	U	U	U	U	U	0.11 J	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	U	0.79 J	U
2,2,4-trimethylpentane	NA	NA	U	U	U	U	U	5.7	0.65 J	0.21 J	0.16 J	U
4-ethyltoluene	NA	NA	5.2	0.65 J	U	U	U	U	U	U	0.12 J	U
4-isopropyltoluene	NA	NA	NA	NA	NA	0.29 J	0.40 J	U	U	U	0.12 J	U
acetone	1,400,000	140,000	20	30	58	34	50	37	19	37	26	21
benzene	16	1.6	2	0.39 J	1.0	0.40 J	0.32 J	0.99	0.37 J	0.81	0.31 J	0.54 J
bromomethane	NA	NA	U	U	U	U	U	U	U	U	0.11 J	U
carbon disulfide	31,000	3,100	0.95	0.95	0.63	6.0	0.44 J	U	0.21 J	U	2.0	U
carbon tetrachloride	20	2	0.38	0.83 J	0.70 J	0.51 J	0.60 J	0.53 J	0.41 J	0.49 J	U	0.49 J
chlorobenzene	2,200	220	U	U	U	U	0.22 J	U	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	0.093 J	U
chloroform	5.3	0.53	16	U	0.74	0.68 J	0.87 J	1.2	0.18 J	0.29 J	0.44 J	U
chloromethane	3,900	390	U	0.97	U	U	1.3	U	1.2	0.73 J	1.3	U
cis-1,2-dichloroethene	NA	NA	U	U	U	U	U	U	U	0.30 J	U	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	U	U
cyclohexane	260,000	26,000	5.4	3.5	4.8	1.2	2.8	5	0.71	3.4	1.2	0.8
ethyl acetate	3,100	310	U	U	U	U	U	U	NA	U	U	U
ethylbenzene	49	4.9	1.1	0.66	1.2	0.64 J	0.72 J	0.98	0.56 J	0.47 J	0.40 J	0.3 J
freon 11 (trichlorofluoromethane)	31,000	3,100	4.6	1.7	1.5	1.4	1.4	1.5	1.1	1.3	1.3	1.3
freon 113 (freon TF)	1,300,000	130,000	1.6	0.93 J	U	0.60 J	0.61 J	0.63 J	0.52 J	0.57 J	0.57 J	0.53 J
freon 12 (dichlorodifluoromethane)	4,400	440	21	2.9	2.6	2.9	2.5	2.7	2.3 J	2.9	2.8	2.7
freon 22	2,200,000	220,000	NA	NA	NA	6.3	15	50 J	9.9	15	50	9.2
heptane	NA	NA	U	U	U	0.36 J	0.45 J	5.4	0.36 J	0.74 J	0.34 J	U
hexane	31,000	3,100	U	U	U	0.72	0.91	7.2	0.40 J	0.89	0.24 J	U
isopropyl alcohol	NA	NA	U	12	21	28	28	34	24	63	19	20
m,p-xylene (sum of isomers)	4,400	440	3.8	1.7	2.7	1.7 J	1.7 J	2.6	1.6 J	0.65 J	0.99 J	0.72 J
methyl butyl ketone	NA	NA	U	U	U	U	0.78 J	U	0.25 J	U	U	0.86 J
methyl ethyl ketone	220,000	22,000	2.8	2.0	2.2	2.6	7.0 B	4.6	1.5	6.6	4.0	5.9
methyl isobutyl ketone	130,000	13,000	U	U	U	0.83 J	3.1	U	0.43 J	0.44 J	1.1 J	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	U	0.95	U	0.50 J	0.99 J	0.79 J	0.43 J	0.66 J	U	U
naphthalene	3.6	0.36	U	U	U	0.51 J	1.6 J	U	0.62 J	U	1.2 J	U
n-Butane	NA	NA	NA	NA	NA	1.7	16	1.8	1.2 J	3.3	0.69 J	1.6
o-xylene	4,400	440	1.6	0.66	0.71	0.70 J	0.58 J	U	0.62 J	0.16 J	0.34 J	0.35 J
styrene	44,000	4,400	0.78	0.69	0.56 J	0.26 J	0.79 J	0.14 J	0.31 J	U	0.43 J	0.31 J
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.4 J	1 J	0.60 J	9.0 J	U	U
tetrachloroethylene (pce)	470	47	0.83 J	U	U	U	U	U	0.19 J	U	U	U
tetrahydrofuran	NA	NA	11	1.8	U	0.81 J	2.5 J	U	U	U	U	U
toluene	220,000	22,000	4.4	3.1	2.5	1.2	1.8	3.8	1.7	5.2	0.88	0.82
trichloroethylene (tce)	30	3	830	10	7.3	13	12	2.4	U	2.6	3.5	2.1
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.
*EPA Commercial Regional Screening Levels

Table 3-2
Building 774/776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	776-1A									
Sample ID			**776IA1CA**	**776IA1DA**	**776IA1EA**	**776IA1FA**	**776IA1GA**	**776IA1HA**	**776IA1IA**	**776IA1JA**	**776IA1LA**	**776IA1MA**
Sample Type			**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**
Sample Date			**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**	**8-Aug-2013**	**30-Jan-2014**	**17-Jul-2014**	**22-Jan-2015**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$												
1,1,1-trichloroethane	220,000	22,000	U	U	U	U	U	U	U	U	U	U
1,1,2,2-tetrachloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	310	31	1.2	1.7	0.85	U	0.55 J	U	U	U	0.32 J	U
1,2-dichloroethane	4.7	0.47	U	0.53 J	U	U	U	U	U	U	0.27 J	U
1,3,5-trimethylbenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	U	U	0.30 J	U	U	0.20 J	U	U	U
4-ethyltoluene	NA	NA	U	U	U	U	U	U	U	U	0.090 J	U
4-isopropyltoluene	NA	NA	NA	U	U	U	0.33 J	U	U	U	U	U
acetone	1,400,000	140,000	54	47	30	18	68	28	22	U	20	22
benzene	16	1.6	0.49	0.36 J	1.4	0.67 J	0.40 J	1.4	0.29 J	2.4	0.18 J	0.67
bromomethane	NA	NA	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	0.41 J	0.82	U	U	0.64 J	U	0.21 J	0.26 J	0.82 J	U
carbon tetrachloride	20	2	0.51	0.77 J	U	0.57 J	0.46 J	0.44 J	0.41 J	0.55 J	0.51 J	0.57 J
chlorobenzene	2,200	220	U	U	U	U	U	U	U	U	0.33 J	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	U	U	0.55 J	0.32 J	0.25 J	U	U	U	0.29 J	U
chloromethane	3,900	390	1.8	1.5	U	1.4 J	1.5	1.8	1.1	5.3	1.3	1.3
cis-1,2-dichloroethene	NA	NA	U	U	U	U	U	U	U	U	U	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	U	U
cyclohexane	260,000	26,000	U	U	U	U	1.2	0.23 J	U	U	U	U
ethyl acetate	3,100	310	5.8	3.3	U	U	U	U	NA	U	U	U
ethylbenzene	49	4.9	0.71	0.93	1.3	0.47 J	1.1	0.29 J	0.37 J	0.50 J	0.45 J	0.25 J
freon 11 (trichlorofluoromethane)	31,000	3,100	1.4	1.7	1.3	1.4 J	1.4	1.4	1.3	1.6	1.5	1.3
freon 113 (freon TF)	1,300,000	130,000	U	0.93 J	U	U	0.57 J	0.63 J	0.51 J	0.75 J	U	0.46 J
freon 12 (dichlorodifluoromethane)	4,400	440	3.6	3.1	2.2	3.2 J	2.4 J	2.2 J	2.3 J	3.5	3.1	2.8
freon 22	2,200,000	220,000	NA	NA	NA	15	14	69	2.4	17	30	10
heptane	NA	NA	3.2	1.3	U	0.43 J	1.5	0.14 J	0.19 J	1.8	U	U
hexane	31,000	3,100	2.3	U	U	U	2.0	0.54 J	0.25 J	2.8	U	U
isopropyl alcohol	NA	NA	50	50	35	100	57	43	23	1.9 J	15	18
m,p-xylene (sum of isomers)	4,400	440	1.2 J	2.1	2.9	1.0 J	2.5	0.23 J	1.2 J	1.6 J	1.1 J	0.54 J
methyl butyl ketone	NA	NA	U	U	U	U	1.2 J	U	0.53 J	U	U	U
methyl ethyl ketone	220,000	22,000	3.3	4.1	U	0.84 J	6.5 B	2.1	2.6	U	2.0	2.1
methyl isobutyl ketone	130,000	13,000	U	U	U	0.83 J	2.7	1.1 J	1.5 J	U	1.5 J	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	U	1.3	U	U	1.7 J	1.2 J	1.8	1.0 J	0.64 J	U
naphthalene	3.6	0.36	U	U	U	0.71 J	2.2 J	U	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	2.4	8.9	2.2	3.5	8.5	0.77 J	2.5
o-xylene	4,400	440	0.44 J	0.75	0.88	0.46 J	0.81 J	U	0.66 J	0.47 J	0.36 J	U
styrene	44,000	4,400	1.1	1.0	0.82	0.33 J	1.9	U	0.16 J	U	0.35 J	0.23 J
tert-Butyl alcohol	NA	NA	NA	NA	NA	0.56 J	5.4 J	U	0.69 J	U	U	U
tetrachloroethylene (pce)	470	47	U	U	U	U	U	0.38 J	U	U	U	U
tetrahydrofuran	NA	NA	U	U	U	U	0.90 J	U	U	U	U	U
toluene	220,000	22,000	4.4	3.2	3.9	1.3	5.3	4.3	0.97	8.7	1.1	0.8
trichloroethylene (tce)	30	3	3.6	1.9	0.98	0.41 J	U	U	U	0.26 J	0.95 J	0.35 J
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.
*EPA Commercial Regional Screening Levels

Table 3-2
Building 774/776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	774/776-OA									
Sample ID			**776OA1DA**	**776OA1EA**	**774776OA1FA**	**774776OA1GA**	**774776OA1HA**	**774776OA1IA**	**774776OA1JA**	**774776OA1KA**	**774776OA1LA**	**774776OA1MA**
Sample Type			**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**
Sample Date			**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**	**8-Aug-2013**	**30-Jan-2014**	**17-Jul-2014**	**22-Jan-2015**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$												
1,1,1-trichloroethane	220,000	22,000	U	U	U	U	U	U	U	U	U	U
1,1,2,2-tetrachloroethane	NA	NA	U	U	U	U	U	U	U	U	5.5	U
1,2,4-trimethylbenzene	310	31	U	1.7	0.60 J	U	1.8	U	0.48 J	U	0.11 J	U
1,2-dichloroethane	4.7	0.47	U	U	U	U	0.49 J	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	U	U	U	U	0.51 J	U	U	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	NA	NA	U	U	U	U	U	U			U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	U	U	U	0.94 J	U	0.80 J	4.2	U	U
4-ethyltoluene	NA	NA	U	U	U	U	0.53 J	U	U	U	U	U
4-isopropyltoluene	NA	NA	U	U	U	U	0.8 J	U	U	U	U	U
acetone	1,400,000	140,000	18	53	6.8	1.9 J	97	15	13	7.0 J	9.1 J	U
benzene	16	1.6	U	0.39 J	U	0.63	0.92 J	0.61 J	0.47 J	0.91	0.16 J	0.63
bromomethane	NA	NA	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	0.6	0.35 J	U	U	2.3 J	U	2	U	0.50 J	U
carbon tetrachloride	20	2	0.51	0.90 J	U	0.51 J	0.5 J	0.47 J	0.42 J	0.55 J	0.48 J	0.45 J
chlorobenzene	2,200	220	U	U	U	U	U	U	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	U	U	U	U	U	U	U	U	U	U
chloromethane	3,900	390	U	1.1	0.76	1.2	1.4 J	1.5	1.1	1.6	1.0	1.1
cis-1,2-dichloroethene	NA	NA	U	0.48 J	U	U	U	U	U	U	U	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	U	U
cyclohexane	260,000	26,000	U	U	U	U	5.1	U	1.1	U	U	U
ethyl acetate	3,100	310	U	U	U	U	U	U	NA	U	U	U
ethylbenzene	49	4.9	U	U	1.1	U	2.1	U	0.37 J	0.24 J	U	U
freon 11 (trichlorofluoromethane)	31,000	3,100	1.3	1.7	1.3	1.4	1.4 J	1.4	1.1	1.5	1.3	1.4
freon 113 (freon TF)	1,300,000	130,000	U	0.86 J	U	0.56 J	0.61 J	0.64 J	0.57 J	0.68 J	U	0.53 J
freon 12 (dichlorodifluoromethane)	4,400	440	U	2.9	2.5	2.8	3.4 J	2.7	2.2 J	3.2	2.8	2.7
freon 22	2,200,000	220,000	NA	NA	NA	U	2.1 J	1.1 J	1.2 J	1.2 J	0.94 J	0.86 J
heptane	NA	NA	1.2	U	U	U	3.6	U	0.37 J	1.2	U	U
hexane	31,000	3,100	0.9	U	U	0.42 J	8.2	0.48 J	0.73	0.96	U	U
isopropyl alcohol	NA	NA	U	U	1.2	U	14 J	U	5.6 J	U	0.98 J	U
m,p-xylene (sum of isomers)	4,400	440	U	1.1 J	2.7	0.33 J	6.2	U	0.98 J	0.68 J	0.20 J	U
methyl butyl ketone	NA	NA	U	U	U	U	0.56 J	1.5	0.33 J	U	U	U
methyl ethyl ketone	220,000	22,000	U	8.7 J	U	0.42 J	6.7 B	U	15	1.2 J	2.2	U
methyl isobutyl ketone	130,000	13,000	U	U	U	U	U	U	0.25 J	U	0.11 J	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	U	0.92	0.56	0.50 J	2.0 J	0.98 J	1.3 J	0.92 J	U	0.82 J
naphthalene	3.6	0.36	U	U	U	U	3.1 J	U	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	1.8	24	1.4	1.3	4.7	U	1.4
o-xylene	4,400	440	U	0.44 J	0.97	0.12 J	2.2	U	0.43 J	0.21 J	U	U
styrene	44,000	4,400	U	U	U	U	1.2 J	U	0.25 J	U	U	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.2 J	U	0.73 J	U	U	U
tetrachloroethylene (pce)	470	47	U	U	U	U	U	U	0.91 J	U	U	U
tetrahydrofuran	NA	NA	U	1.3	U	U	8.2 J	U	U	U	U	U
toluene	220,000	22,000	1	5.8	3.5	0.73 J	20	0.39 J	5.6	1.9	0.37 J	0.49 J
trichloroethylene (tce)	30	3	0.98	2.6	0.60 J	U	U	U	U	1.2	0.53 J	U
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.
*EPA Commercial Regional Screening Levels

Table 3-3
Buildings 774/776
SSVM System Performance Monitoring Influent Air Results

Sample Location	774776- Influent											
Sample ID	**774776CA01AA**	**774776CA01AB**	**774776CA01AC**	**774776CA01AD**	**774776CA01AE**	**774776CA01AF**	**774776CA01AG**	**774776CA01AH**	**774776CA01IA**	**774776CA01JA**	**774776CA01KA**	**774776CA01LA**
Sample Type	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**
Sample Date	**6-Jun-2011**	**23-Aug-2011**	**14-Oct-2011**	**14-Oct-2011**	**25-Oct-2011**	**24-Jan-2012**	**22-Jan-2015**	**15-Feb-2013**	**7-Aug-2013**	**28-Jan-2014**	**16-Jul-2014**	**22-Jan-2015**
Sample Depth (ft bgs / ags)	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Sample Collection Duration (hr)	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**
Volatiles (TO-15) in µg/m^3												
1,1,1-trichloroethane	6.6	4.0	6.9	6.1	6.5	5.0 J	2.9	0.91 J	1.8	U	U	1.8
1,2,4-trimethylbenzene	9.5	3.1	U	U	1.7	U	0.69 J	U	0.56 J	U	U	U
1,3,5-trimethylbenzene	4.7	2.2	U	U	0.55 J	U	U	U	U	U	U	U
1,3-dichlorobenzene	U	U	U	U	U	U	0.81 J	U	U	U	U	U
2,2,4-trimethylpentane	U	U	U	U	U	U	U	U	0.23 J	U	U	U
4-ethyltoluene	6.9	1.0	U	U	U	U	U	U	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.34 J	U	0.35 J	U	U	U
acetone	50	30	300	440	27	16 J	23 B	28	35	19 J	63	7.6 J
benzene	0.45 J	4.1	0.42 J	0.7	0.97	1.8 J	0.30 J	0.25 J	0.33 J	3.9	0.65 J	0.53 J
carbon disulfide	0.73	U	U	U	U	U	0.46 J	0.21 J	U	U	U	0.44 J
carbon tetrachloride	U	U	U	U	0.96	U	0.54 J	1.8	0.51 J	U	1.5 J	U
chloroform	15	4.3	3.6	5.0	4.6	3.6 J	4.9	2.2	5.7	0.93 J	4.4 J	1.8
chloromethane	U	U	U	U	U	U	0.71 J	1.5	0.61 J	2.0 J	1.7 J	0.96 J
cis-1,2-dichloroethene	1.80	U	U	U	U	U	U	U	U	U	U	U
cumene	NA	NA	NA	NA	NA	U	U	U	U	U	0.98 J	0.26 J
cyclohexane	U	U	U	U	U	U	0.36 J	0.38 J	0.14 J	U	U	U
ethylbenzene	0.62 J	0.93	U	U	0.79	U	0.38 J	U	0.47 J	U	0.32 J	U
freon 11 (trichlorofluoromethane)	50	130	83	59	49	40	61	29	35	14	24	28
freon 113 (freon TF)	U	1.9	1.1 J	1.0 J	U	U	0.82 J	0.5 J	0.65 J	U	U	U
freon 12 (dichlorodifluoromethane)	3.7	16	6.1	6.1	6.4	11 J	7.1	4.7	6.5	4.4 J	6.9 J	4.5
freon 22	NA	NA	NA	NA	NA	320	94	33	45	42	510	U
heptane	0.83	12	U	U	0.87	1.9 J	0.37 J	U	0.30 J	2.5 J	U	U
hexane	U	U	U	U	U	U	0.66 J	0.27 J	0.27 J	U	U	0.17 J
isopropyl alcohol	U	U	U	U	U	U	7.9 J	2.1 J	13	U	10 J	2.4 J
m,p-xylene (sum of isomers)	1.3 J	3.3	U	U	2.4	U	0.99 J	U	1.4 J	U	0.50 J	0.13 J
methyl ethyl ketone	14	4.4	300	400	15	4.8 J	2.5 B	0.45 J	5	U	4.7 J	U
methyl isobutyl ketone	U	U	U	U	U	U	0.28 J	U	0.46 J	U	U	U
methylene chloride	2.2	U	U	U	U	U	0.64 J	1 J	0.41 J	3.8 J	U	0.5 J
naphthalene	U	U	U	U	U	U	1.9 J	U	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	2.9 J	1.7	3.4	1.1 J	7.3	U	1.7
o-xylene	0.84	1.8	U	U	1.0	U	0.42 J	U	0.53 J	U	U	U
styrene	U	U	U	U	U	U	0.15 J	U	0.14 J	U	U	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	U	U	1.9 J	U	U	U
tetrachloroethylene (pce)	3.4	2.4	2.3	12	3.5	U	1.5	U	1.1 J	U	1.6 J	0.84 J
tetrahydrofuran	120	6.0	600	770	5.2	U	1.4 J	1.8 J	0.24 U	U	U	U
toluene	1.8	2.2	0.96	1.4	2.2	0.83 J	1.2	0.17 J	1.1	0.67 J	0.72 J	0.22 J
trichloroethylene (tce)	510	240	670	1,200	650	300	190	20	120	32	97	100
vinyl chloride	U	U	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
µg/m^3: microgram per cubic meter.
B - Analytes detected in the trip blank.

Table 3-4
Buildings 785/786 SSVM System Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* (µg/m^3)	Indoor Air Screening Level* (µg/m^3)	785VMP-2										
Sample ID			**785VMP0202AD**	**785VMP0202AE**	**785VMP0202AF**	**785VMP0202AG**	**785VMP0202AH**	**785VMP0202IA**	**785VMP0202JA**	**785VMP0202KA**	**785VMP0202LA**	**785VMP0202MA**	**785VMP0202NA**
Sample Type			**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**
Sample Date			**18-Mar-2011**	**24-Aug-2011**	**24-Oct-2011**	**31-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**	**9-Aug-2013**	**3-Oct-2013**	**29-Jan-2014**	**18-Jul-2014**	**26-Jan-2015**
Sample Depth (ft bgs / ags)			**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in µg/m^3													
1,1,1-trichloroethane	220,000	22,000	U	U	U	0.57 J	U	U	U	0.43 J	U	U	U
1,2,4-trimethylbenzene	310	31	1.5	1.4	U	U	3.7	1.6	U	U	U	1.4 J	0.72 J
1,2-dichloroethane	4.7	0.47	U	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	U	U	U	U	1.0	0.46 J	U	U	U	0.38 J	U
1,3-butadiene	4.1	0.41	U	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	3.0	37	U	U	U	3.1	U
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	0.36 J	U	6.6 J♦	U
2,2,4-trimethylpentane	NA	NA	U	U	1.2	U	1.5	5.8	0.17 J	U	U	U	U
4-ethyltoluene	NA	NA	0.65 J	U	U	U	1.2	0.65 J	U	U	U	0.30 J	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.33 J	U	U	U	U	U	U
acetone	1,400,000	140,000	10	17	3.2	0.76 J	12 JB	4.5 J	15	8.7 J	3.2 J	28	7.7 J
benzene	16	1.6	2.9	0.65	2.2	U	U	U	0.64	0.16 J	0.72	0.68 J	0.37 J
bromodichloromethane	3.3	0.33	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	0.82	0.63	U	U	0.86 J	U	0.70 J	0.41 J	0.43 J	4.7	0.65 J
carbon tetrachloride	20	2	U	U	0.70 J	0.49 J	0.46 J	0.44 J	0.46 J	U	0.33 J	0.86 J	0.42 J
chlorobenzene	2,200	220	U	U	U	U	U	U	U	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	1.5	U	U	U	U	U	0.16 J	0.55 J	0.24 J	26 J	U
chloromethane	3,900	390	1.4	1.1	U	3.5	37	0.21 J	8.8	3.7	5.1	12 J	2.2
cis-1,2-dichloroethene	NA	NA	U	U	U	U	U	U	U	0.5 J	0.24 J	2.0	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	U	0.19 J	U
dibromochloromethane	10	NA	U	U	U	U	U	U	U	U	U	U	U
ethylbenzene	49	4.9	1.5	U	0.75	U	1.2	1.8	0.49 J	0.14 J	0.27 J	0.76 J	0.42 J
freon 11 (trichlorofluoromethane)	31,000	3,100	1	1.8	1.5	1.4	1.3	1.3	1.2	1.1	1.1 J	2.7	1.2
freon 113 (freon TF)	1,300,000	130,000	U	0.78 J	U	0.58 J	0.59 J	0.61 J	0.59 J	0.79 J	0.88 J	2.6 J	0.42 J
freon 12 (dichlorodifluoromethane)	4,400	440	2.8	3.1	2.6	2.9	2.4 J	2.3 J	2.5	2.3 J	3.1	4.6 J	2.4 J
freon 22	2,200,000	220,000	NA	NA	NA	U	U	0.81 J	0.90 J	0.83 J	U	2.0 J	0.75 J
heptane	NA	NA	2.1	U	1.8	U	3.8	3.4	0.22 J	U	U	U	U
hexane	31,000	3,100	6.9	U	6.1	U	1.3	9.8	0.18 J	0.2 J	U	7.5	0.74
isopropyl alcohol	NA	NA	U	U	U	U	13	470	2.4 J	U	U	29	U
m,p-xylene (sum of isomers)	4,400	440	4.7	0.93 J	2.3	0.21 J	4.5	6.8	0.93 J	0.35 J	0.63 J	1.6 J	1.1 J
methyl butyl ketone	NA	NA	U	U	U	U	0.47 J	U	1.0 J	0.25 J	U	1.2 J♦	U
methyl ethyl ketone	220,000	22,000	3	4.1	U	U	3.3 B	6.3	7.1	U	U	10	2.2
methyl isobutyl ketone	130,000	13,000	U	U	U	U	1.0 J	U	1.2 J	1.5	U	1.2 J	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	0.38 J	U
methylene chloride	12,000	1,200	1.4	U	U	U	2.4	U	0.40 J	0.41 J	U	0.45 J♦	U
naphthalene	3.6	0.36	U	U	U	U	2.2 J	U	U	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	0.64 J	6.3	0.52 J	1.3	1 J	1.6	2.9	U
n-Propylbenzene	NA	NA	NA	NA	NA	U	0.68 J	U	U	U	U	U	U
o-xylene	4,400	440	1.3	U	0.71	U	1.6	2.4	0.27 J	0.14 J	0.23 J	0.68 J	0.53 J
styrene	44,000	4,400	U	U	U	U	0.46 J	0.37 J	U	U	U	0.29 J	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.8 J	U	2.7 J	1.6 J	U	8.9 J	U
tetrachloroethylene (pce)	470	47	U	U	U	U	0.73 J	0.58 J	0.51 J	U	U	U	U
tetrahydrofuran	NA	NA	8.2	11	U	4.6 J	87	U	68	46	13 J	95 J	8.2 J
toluene	220,000	22,000	15	3.3	6.2	0.36 JB	3.8	7.5	2.3	0.47 J	1.1	1.9	1.3 J
trichloroethylene (tce)	30	3	U	19	8.9	1.0 J	9.1	0.68 J	7.2	37	6.1	400	0.6 J
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U	U

Notes:

U - Not detected.

J- The analyte was positively identified; the quantitation is an estimation.

NA- Not Available

µg/m^3: microgram per cubic meter.

Exceedance of EPA Commercial Regional Screening Levels.

B - Analytes detected in the trip blank.

♦-Denotes higher nominal value of duplicate sample result.

* EPA Commercial Regional Screening Levels (http://www.epa.gov/reg3hscd/risk/human/rb-concentration_table/Generic_Tables/index.htm)

Table 3-4
Buildings 785/786 SSVM System Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* (µg/m^3)	Indoor Air Screening Level* (µg/m^3)	785VMP-4										
Sample ID			**785VMP0401AA**	**785VMP0401AB**	**785VMP0401AC**	**785VMP0401AD**	**785VMP0401AG**	**785VMP0401HA**	**785VMP0401IA**	**785VMP0401JA**	**785VMP0401KA**	**785VMP0401LA**	**785VMP0401NA**
Sample Type			**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**
Sample Date			**18-Mar-2011**	**24-Aug-2011**	**24-Oct-2011**	**31-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**	**9-Aug-2013**	**3-Oct-2013**	**28-Feb-2014**	**18-Jul-2014**	**26-Jan-2015**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in µg/m^3													
1,1,1-trichloroethane	220,000	22,000	1.7	0.72 J	U	U	0.40 J	U	0.28 J	0.93 J	0.56 J	U	U
1,2,4-trimethylbenzene	310	31	0.95	6.7	1.8	0.45 J	15	1.4	1.4	1.1 J	0.20 J	U	0.51 J
1,2-dichloroethane	4.7	0.47	U	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	U	2.1	0.50 J	U	3.9	0.49 J	0.39 J	U	0.072 J	U	U
1,3-butadiene	4.1	0.41	U	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	30	1.8	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	1.5	3.9	0.58 J	U	5.5	0.71 J	U	U	U	U
4-ethyltoluene	NA	NA	U	2.7	0.85	U	3.6	0.49 J	0.31 J	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	1.6	U	U	1.1 J	U	U	U
acetone	1,400,000	140,000	15	16	U	4.9 J	44	8.1 J	73	120	7.2 J	7900	22
benzene	16	1.6	4.9	4.2	8.4	0.64	0.57 J	0.61 J	0.58 J	0.89 J	0.58 J	U	0.63 J
bromodichloromethane	3.3	0.33	2.6	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	4.8	13	9.2	1.1 J	12	0.48 J	2.7	8.3	2.0	U	1.6
carbon tetrachloride	20	2	U	U	U	0.51 J	0.47 J	0.43 J	0.39 J	U	U	U	0.46 J
chlorobenzene	2,200	220	U	0.66 J	U	U	U	U	U	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	91	0.79	U	U	0.47 J	U	0.33 J	0.74 J	2.5	U	U
chloromethane	3,900	390	U	U	U	U	0.30 J	0.15 J	0.29 J	0.43 J	U	U	U
cis-1,2-dichloroethene	NA	NA	2.3	U	U	U	U	U	U	0.75 J	U	U	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	1.5 J	U	U	U
dibromochloromethane	10	NA	U	U	U	0.34 JB	2.1	6.8	1.5	U	U	U	U
ethylbenzene	49	4.9	1.1	6.1	4.9	0.58 J	3.9	3.1	1.9	1.8	0.39 J	U	0.41 J
freon 11 (trichlorofluoromethane)	31,000	3,100	0.86	1.7	1.3	1.4	1.4	1.3	1.1	1.3 J	0.83 J	U	1.1
freon 113 (freon TF)	1,300,000	130,000	1.1 J	0.86 J	U	0.58 J	0.69 J	0.64 J	0.60 J	0.91 J	0.97 J	U	0.55 J
freon 12 (dichlorodifluoromethane)	4,400	440	2.9	2.8	2.5	2.9	2.6	2.6	2.3 J	U	2.5	U	2.4 J
freon 22	2,200,000	220,000	NA	NA	NA	U	U	0.77 J	0.88 J	U	0.75 J	U	0.82 J
heptane	NA	NA	3.6	5.3	8.2	0.45 JB	1.1	3.6	0.69 J	U	U	U	U
hexane	31,000	3,100	8.2	7.9	13	0.91 B	1.4	9.3	0.57 J	6	0.69	U	1
isopropyl alcohol	NA	NA	U	U	0.62	2.3 J	15	190	5.5 J	10 J	1.3 J	U	U
m,p-xylene (sum of isomers)	4,400	440	2.7	14	14	1.1 J	3.4	8.7	2.8	1.9 J	0.73 J	U	1.2 J
methyl butyl ketone	NA	NA	U	U	U	U	0.94 J	U	0.61 J	1.2 J	U	U	U
methyl ethyl ketone	220,000	22,000	2.3	2.7	U	0.82 J	10 B	4.4	14	19	U	2300	7.6
methyl isobutyl ketone	130,000	13,000	U	U	U	U	1.3 J	U	1.7 J	U	2.9	U	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	0.95	U	U	0.43 J	0.82 J	0.52 J	0.95 J	1.7 J	U	U	0.76 J
naphthalene	3.6	0.36	U	U	U	U	0.68 J	U	0.72 J	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	4.6	3.8	0.44 J	0.91 J	1.6 J	U	U	1.2
n-Propylbenzene	NA	NA	NA	NA	NA	U	1.5	U	0.31 J	U	U	U	U
o-xylene	4,400	440	0.84	5.1	2.8	0.46 J	1.7	3.4	1.1	0.8 J	0.41 J	U	0.48 J
styrene	44,000	4,400	U	U	U	U	0.30 J	0.35 J	0.34 J	0.33 J	U	U	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.8 J	U	1.2 J	2.2 J	U	U	U
tetrachloroethylene (pce)	470	47	U	U	1.0	U	1.2 J	0.62 J	0.34 J	0.4 J	U	U	U
tetrahydrofuran	NA	NA	U	U	U	U	3.4 J	U	U	0.95 J	U	20,000	19
toluene	220,000	22,000	26	23	42	2.2 B	5.9	8.1	3.3	4.2	1.2	U	1.9
trichloroethylene (tce)	30	3	720	88	33	3.5	39	3	17	54	27	170 J	1.2
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
µg/m^3: microgram per cubic meter.
Exceedance of EPA Commercial Regional Screening Levels.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.
* EPA Commercial Regional Screening Levels (http://www.epa.gov/reg3hscd/risk/human/rb-con

Table 3-4
Buildings 785/786 SSVM System Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* (µg/m^3)	Indoor Air Screening Level* (µg/m^3)	785VMP-5									
Sample ID			**785VMP0501AA**	**785VMP0501AB**	**785VMP0501AC**	**785VMP0501AD**	**785VMP0501FA**	**785VMP0501GA**	**785VMP0501HA**	**785VMP0501IA**	**785VMP0501JA**	**785VMP0501NA**
Sample Type			**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**
Sample Date			**25-Aug-2011**	**24-Oct-2011**	**31-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**	**9-Aug-2013**	**3-Oct-2013**	**29-Jan-2014**	**18-Jul-2014**	**26-Jan-2015**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in µg/m^3												
1,1,1-trichloroethane	220,000	22,000	4.8	1.8	0.53 J	0.74 J	U	0.54 J	1.4	U	U	U
1,2,4-trimethylbenzene	310	31	2.2	1.4	U	0.69 J	0.71 J	U	U	0.55 J	U	1.1 J
1,2-dichloroethane	4.7	0.47	U	U	U	U	U	0.28 J	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	0.85	U	U	U	0.31 J	U	U	U	U	U
1,3-butadiene	4.1	0.41	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	17	U	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U	0.48 J	U	U	U
2,2,4-trimethylpentane	NA	NA	U	1.4	1.3	0.92	6.5	0.96	U	U	U	U
4-ethyltoluene	NA	NA	0.50 J	U	U	U	0.34 J	U	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	U	0.64 J	U	U	U	U	U	U
acetone	1,400,000	140,000	21	4.3	2.3 J	20 B	6.8 J	8.2 J	2.8 J	10 J	2600	54
benzene	16	1.6	0.39 J	2.6	0.64	0.50 J	0.69	0.38 J	0.27 J	0.62	U	3.3
bromodichloromethane	3.3	0.33	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	0.38 J	U	U	2.7	U	U	U	U	U	U
carbon tetrachloride	20	2	U	U	0.48 J	0.45 J	0.48 J	0.31 J	0.38 J	0.39 J	U	U
chlorobenzene	2,200	220	U	U	U	U	U	U	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	2.8	0.74	U	U	U	0.19 J	0.21 J	U	46 J	U
chloromethane	3,900	390	U	U	U	0.97 J	0.85 J	0.48 J	0.42 J	1.4	U	U
cis-1,2-dichloroethene	NA	NA	2.1	U	U	U	U	0.41 J	U	U	U	U
cumene	18,000	1,800	NA	NA	0.41 J	U	U	U	U	U	U	U
dibromochloromethane	10	NA	U	U	U	U	U	U	U	U	U	U
ethylbenzene	49	4.9	2.3	1.6	1.8	3.8	2.1	U	0.7 J	0.55 J	U	2.2 J
freon 11 (trichlorofluoromethane)	31,000	3,100	2.2	2.3	1.4	1.5	1.4	1.5	1.4	1.4	U	U
freon 113 (freon TF)	1,300,000	130,000	0.86 J	U	U	0.58 J	0.62 J	0.50 J	0.58 J	0.60 J	U	U
freon 12 (dichlorodifluoromethane)	4,400	440	2.9	2.5	2.8	2.4 J	2.6	2.2 J	2.4 J	3.2	U	2.2 J
freon 22	2,200,000	220,000	NA	NA	U	U	0.95 J	0.90 J	U	1.2 J	U	U
heptane	NA	NA	U	1.9	0.70 JB	1.4	3.4	0.92	U	0.56 J	U	U
hexane	31,000	3,100	U	U	3.5 B	1.3	9.9	1.4	0.18 J	0.83	U	U
isopropyl alcohol	NA	NA	8.2	U	U	2.1 J	290	15	U	22	U	8.1 J
m,p-xylene (sum of isomers)	4,400	440	8.2	5.8	3.6	14	7.5	U	2 J	1.5 J	U	6 J
methyl butyl ketone	NA	NA	U	U	U	0.86 J	U	U	U	U	U	U
methyl ethyl ketone	220,000	22,000	2	U	0.37 J	4.3 B	3.9	0.49 J	U	1.5	1200	13
methyl isobutyl ketone	130,000	13,000	U	U	U	0.49 J	U	U	0.48 J	U	U	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	3.7	U	U	0.59 J	0.6 J	0.43 J	1.7 J	0.72 J	U	U
naphthalene	3.6	0.36	U	U	U	0.46 J	U	U	U	U	U	U
n-Butane	NA	NA	NA	NA	4.8	4.4	1.5	0.57 J	0.64 J	3.0	U	U
n-Propylbenzene	NA	NA	NA	NA	U	U	U	U	U	U	U	U
o-xylene	4,400	440	3	1.5	1.7	4.7	2.4	U	0.63 J	0.58 J	U	2.1 J
styrene	44,000	4,400	U	U	U	0.64 J	U	U	U	0.58 J	U	3.9
tert-Butyl alcohol	NA	NA	NA	NA	U	0.96 J	U	0.55 J	U	2.5 J	U	U
tetrachloroethylene (pce)	470	47	2.2	U	U	U	U	U	0.3 J	U	U	U
tetrahydrofuran	NA	NA	U	U	0.21 J	0.41 J	U	U	U	U	6900	230
toluene	220,000	22,000	2.1	7.4	1.6 B	3.7	4.9	1.2	0.69 J	3.2	U	U
trichloroethylene (tce)	30	3	610	140	18	20	1.1	7	73	1.2	510	41
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:

U - Not detected.

J- The analyte was positively identified; the quantitation is an estimation.

NA- Not Available

µg/m^3: microgram per cubic meter.

Exceedance of EPA Commercial Regional Screening Levels.

B - Analytes detected in the trip blank.

♦-Denotes higher nominal value of duplicate sample result.

* EPA Commercial Regional Screening Levels (http://www.epa.gov/reg3hscd/risk/human/rb-com

Table 3-4
Buildings 785/786 SSVM System Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* (µg/m^3)	Indoor Air Screening Level* (µg/m^3)	785-IA									
Sample ID			**785IA05**	**785IA06**	**785IA07**	**785IA08**	**785IA09**	**785IA10**	**785IA11**	**785IA12**	**785IA13**	**785IA14**
Sample Type			**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**
Sample Date			**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**	**9-Aug-2013**	**3-Oct-2013**	**28-Jan-2014**	**17-Jul-2014**	**26-Jan-2015**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in µg/m^3												
1,1,1-trichloroethane	220,000	22,000	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	310	31	1.7	1.4	U	0.37 J	U	0.49 J	U	U	0.42 J	0.21 J
1,2-dichloroethane	4.7	0.47	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	U	U	U	U	U	U	U	U	0.15 J	U
1,3-butadiene	4.1	0.41	U	U	U	U	0.32 J	U	U	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	U	11 J	U
2,2,4-trimethylpentane	NA	NA	U	0.52 J	0.29 J	U	U	U	U	U	U	U
4-ethyltoluene	NA	NA	U	U	U	U	U	U	U	U	0.12 J	U
4-isopropyltoluene	NA	NA	NA	NA	U	U	U	U	U	U	0.56 J	U
acetone	1,400,000	140,000	35	11	2.6 J	16 B	9.3 J	9.7 J	6.6 J	U	19	U
benzene	16	1.6	U	1.3	0.58 J	0.36 J	U	U	0.31 J	0.48 J	0.30 J	0.64
bromodichloromethane	3.3	0.33	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	U	U	U	U	U	U	U	0.76 J	6.8	U
carbon tetrachloride	20	2	U	U	0.53 J	0.44 J	U	0.48 J	0.43 J	0.49 J	0.51 J	0.47 J
chlorobenzene	2,200	220	U	U	U	U	U	U	U	U	U	U
chloroethane	NA	NA	U	U	U		U	U	0.3 J	U	U	U
chloroform	5.3	0.53	U	4.7	U	U	U	U	0.39 J	U	U	U
chloromethane	3,900	390	U	U	1.2	1.1	1.2	1	1.9	1.6	1.5	1.1
cis-1,2-dichloroethene	NA	NA	U	U	U	U	U	U	U	U	0.84	U
cumene	18,000	1,800	NA	NA	U	U	U	U	U	U	U	U
dibromochloromethane	10	NA	U	U	U	U	U	U	U	U	U	U
ethylbenzene	49	4.9	U	0.75	0.13 J	0.22 J	U	0.19 J	0.13 J	U	0.69 J	0.21 J
freon 11 (trichlorofluoromethane)	31,000	3,100	1.7	1.3	1.4	1.3	1.4	1.3	1.2	1.4	1.5	1.2
freon 113 (freon TF)	1,300,000	130,000	U	U	0.54 J	0.58 J	0.65 J	0.59 J	0.56 J	0.63 J	0.69 J	0.45 J
freon 12 (dichlorodifluoromethane)	4,400	440	2.8	2.3	2.8	2.3 J	2.6	2.3 J	2..5	3.0	2.6	2.6
freon 22	2,200,000	220,000	NA	NA	U	U	1 J	1.0 J	U	1.1 J	1.1 J	0.84 J
heptane	NA	NA	U	0.71	0.37 JB	0.70 J	U	U	U	U	U	U
hexane	31,000	3,100	U	2.3	2.0 B	0.75	U	U	0.28 J	U	0.29 J	2.2
isopropyl alcohol	NA	NA	24	U	U	0.84 J	U	U	U	U	2.1 J	U
m,p-xylene (sum of isomers)	4,400	440	1.0 J	2.4	0.29 J	0.65 J	U	0.66 J	0.33 J	U	2.1 J	0.53 J
methyl butyl ketone	NA	NA	U	U	U	U	U	U	U	U	U	U
methyl ethyl ketone	220,000	22,000	3.2	U	0.30 J	2.3 B	1.1 J	1.7	1.1 J	1.0 J	3.9	U
methyl isobutyl ketone	130,000	13,000	U	U	U	0.38 J	U	0.37 J	U	U	0.37 J	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	0.85	U	U	0.51 J	U	U	0.63 J	0.69 J	U	0.88 J
naphthalene	3.6	0.36	U	U	U	U	U	U	U	U	U	U
n-Butane	NA	NA	NA	NA	2.0	2.5	1.3	0.70 J	1.1 J	1.4	U	5.9
n-Propylbenzene	NA	NA	NA	NA	U	U	U	U	U	U	U	U
o-xylene	4,400	440	U	0.75	0.11 J	0.22 J	U	0.25 JM	0.14 J	U	0.40 J	0.2 J
styrene	44,000	4,400	U	U	U	U	U	U	U	U	U	U
tert-Butyl alcohol	NA	NA	NA	NA	U	U	U	U	U	U	U	U
tetrachloroethylene (pce)	470	47	U	21	U	U	U	U	U	U	U	U
tetrahydrofuran	NA	NA	U	U	U	U	U	U	U	U	U	U
toluene	220,000	22,000	4.2	4.0	1.4 B	1.3	U	0.84	0.75	0.33 J	1.3	0.97
trichloroethylene (tce)	30	3	1.1	U	U	U	U	U	U	U	0.88 J	U
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:

U - Not detected.

J- The analyte was positively identified; the quantitation is an estimation.

NA- Not Available

µg/m^3: microgram per cubic meter.

Exceedance of EPA Commercial Regional Screening Levels.

B - Analytes detected in the trip blank.

♦-Denotes higher nominal value of duplicate sample result.

* EPA Commercial Regional Screening Levels (http://www.epa.gov/reg3hscd/risk/human/rb-con

Table 3-4
Buildings 785/786 SSVM System Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* (µg/m^3)	Indoor Air Screening Level* (µg/m^3)	785/786-OA									
Sample ID			**785OA01**	**785786OA02**	**785786OA03**	**785786OA04**	**785786OA05**	**785786OA06**	**785786OA07**	**785786OA08**	**785786OA09**	**785786OA10**
Sample Type			**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**
Sample Date			**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**	**9-Aug-2013**	**3-Oct-2013**	**28-Jan-2014**	**17-Jul-2014**	**26-Jan-2015**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in µg/m^3												
1,1,1-trichloroethane	220,000	22,000	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	310	31	1.3	2.6	U	0.73 J	U	U	U	U	0.073 J	U
1,2-dichloroethane	4.7	0.47	U	U	U	2.6	U	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,3-butadiene	4.1	0.41	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	0.76	0.34 J	0.56 J	U	0.23 J	U	U	U	U
4-ethyltoluene	NA	NA	U	0.65 J	U	U	U	U	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	U	U	U	U	U	U	U	U
acetone	1,400,000	140,000	39	12	19	150	4 J	22	8.5 J	3.3 J	6.2 J	U
benzene	16	1.6	0.39 J	1.8	0.56 J	0.80 J	0.78	0.32 J	U	0.53 J	0.14 J	0.5 J
bromodichloromethane	3.3	0.33	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	U	U	U	0.78 J	U	0.57 J	U	U	0.59 J	U
carbon tetrachloride	20	2	U	U	0.52 J	U	0.54 J	0.47 J	0.4 J	0.56 J	0.30 J	0.5 J
chlorobenzene	2,200	220	U	U	U	U	U	U	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	U	U	U	U	U	U	U	U	U	U
chloromethane	3,900	390	U	U	1.2	1.2 J	1.4	1.0 J	1.1 J	1.7	1.2	1.3
cis-1,2-dichloroethene	NA	NA	U	U	U	U	U	U	U	U	U	U
cumene	18,000	1,800	NA	NA	U	U	U	U	U	U	U	U
dibromochloromethane	10	NA	U	U	U	U	U	U	U	U	U	2.8
ethylbenzene	49	4.9	U	1.3	U	1.4 J	U	0.13 J	U	U	U	U
freon 11 (trichlorofluoromethane)	31,000	3,100	1.7	1.4	1.4	1.4 J	1.4	1.2	1.2	1.5	1.2	1.3
freon 113 (freon TF)	1,300,000	130,000	U	U	0.59 J	0.70 J	U	0.55 J	0.54 J	0.70 J	0.54 J	0.49 J
freon 12 (dichlorodifluoromethane)	4,400	440	2.9	2.2	2.8	3.2 J	2.7	2.1 J	2.3 J	3.3	2.5	U
freon 22	2,200,000	220,000	NA	NA	U	U	0.92 J	0.99 J	U	1.3 J	0.84 J	0.93 J
heptane	NA	NA	U	1.2	0.55 JB	2.7	U	0.14 J	0.89 J	U	U	U
hexane	31,000	3,100	U	3.8	2.2 B	4.4	U	0.25 J	0.19 J	0.22 J	U	U
isopropyl alcohol	NA	NA	15	2.2	1.3 J	11 J	U	1.6 J	U	U	1.1 J	U
m,p-xylene (sum of isomers)	4,400	440	0.75 J	4.3	0.30 J	3.8 J	U	0.37 J	U	U	0.14 J	U
methyl butyl ketone	NA	NA	U	U	U	1.1 J	U	0.37 J	2.2	U	U	U
methyl ethyl ketone	220,000	22,000	3.4	U	0.92 J	8.6 B	U	3.3	U	U	1.3 J	U
methyl isobutyl ketone	130,000	13,000	U	U	U	U	U	0.17 J	0.28 J	U	U	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	1.1	1.3	0.53 J	2.4 J	U	6.5	0.58 J	1.0 J	0.68 J	U
naphthalene	3.6	0.36	U	U	U	1.1 J	U	U	U	U	U	U
n-Butane	NA	NA	NA	NA	1.9	30	1.4	0.54 J	0.95 J	1.5	U	1.3
n-Propylbenzene	NA	NA	NA	NA	U	U	U	U	U	U	U	U
o-xylene	4,400	440	U	1.3	U	1.3 J	U	0.12 J	U	U	U	U
styrene	44,000	4,400	U	U	U	0.74 J	U	U	U	U	U	U
tert-Butyl alcohol	NA	NA	NA	NA	U	1.8 J	U	0.93 J	U	U	U	U
tetrachloroethylene (pce)	470	47	U	U	U	1.7 J	U	U	U	U	U	U
tetrahydrofuran	NA	NA	U	U	U	5.9 J	U	U	U	U	U	U
toluene	220,000	22,000	2.3	7.2	0.57 JB	17	0.55 J	0.74	0.57 J	0.34 J	0.58 J	0.28 J
trichloroethylene (tce)	30	3	0.82	0.82	U	U	U	U	U	U	U	U
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:

U - Not detected.

J- The analyte was positively identified; the quantitation is an estimation.

NA- Not Available

µg/m^3: microgram per cubic meter.

Exceedance of EPA Commercial Regional Screening Levels.

B - Analytes detected in the trip blank.

♦-Denotes higher nominal value of duplicate sample result.

* EPA Commercial Regional Screening Levels (http://www.epa.gov/reg3hscd/risk/human/rb-con

Table 3-4
Buildings 785/786 SSVM System Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* ($\mu g/m^3$)	Indoor Air Screening Level* ($\mu g/m^3$)	786VMP-1										
Sample ID			**786VMP0102AA**	**786VMP0102AB**	**786VMP0102AC**	**786VMP0102AD**	**786VMP0102AG**	**786VMP0102HA**	**786VMP0102IA**	**786VMP0102JA**	**786VMP0102KA**	**786VMP0102LA**	**786VMP0102NA**
Sample Type			**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**
Sample Date			**18-Jan-2011**	**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**	**9-Aug-2013**	**3-Oct-2013**	**26-Feb-2014**	**18-Jul-2014**	**26-Jan-2015**
Sample Depth (ft bgs / ags)			**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$													
1,1,1-trichloroethane	220,000	22,000	12	U	U	U	U	U	U	0.53 J	U	U	U
1,1-dichloroethane	77	7.7	U	U	U	U	U	U	U	U	U	U	U
1,2,4-trichlorobenzene	88	9	U	U	U	U	U	U	U	U	U	0.59 J	U
1,2,4-trimethylbenzene	310	31	7.5	6.9	1.2	U	0.38 J	1.0	1.7	1.3	0.31 J	4.2	0.48 J
1,2-dichloroethane	4.7	0.47	U	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	5.2	1.9	U	U	U	0.33 J	0.46 J	0.38 J	U	1.3 J	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	17 J	2.3	U	1.8 J	16	U
1,4-dichlorobenzene	11	1.1	U	U	U	U	U	U	U	U	U	U	U
2-chlorotoluene	NA	NA	NA	NA	NA	U	U	U	U	U	U	0.30 J	U
2,2,4-trimethylpentane	NA	NA	19	0.95	3.8	1.9	U	7 J	1.3	U	U	1.2 J	U
4-ethyltoluene	NA	NA	3.2	2.7	0.65 J	U	U	0.29 J	0.54 J	0.23 J	U	1.4 J	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	U	U	U	U	U	U	U
acetone	1,400,000	140,000	31	20	U	3.3 J	7.8 JB	12 J	7.8 J	9.2 J	U	26	3.7 J
benzene	16	1.6	19	3.1	9.1	U	U	U	0.66	0.47 J	0.71 J	1.4	0.43 J
bromodichloromethane	3.3	0.33	4.0	U	U	U	U	U	U	U	U	U	U
bromomethane	220	22	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	15	0.63	U	U	0.65 J	U	0.56 J	2.6	U	8.2	U
carbon tetrachloride	20	2	U	U	0.70 J	0.43 J	0.52 J	0.41 J♦	0.35 JM	0.37 J♦	U	0.53 J	U
chlorobenzene	2,200	220	U	U	U	U	U	U	U	U	U	0.90 J	U
chloroform	5.3	0.53	30	0.84	U	U	0.43 J	U	U	1.1	U	2.6	U
chloromethane	3,900	390	U	U	U	U	0.24 J	0.2 J	0.18 J	0.27 J	U	U	U
cis-1,2-dichloroethene	NA	NA	9.7	U	U	U	U	U	U	U	U	U	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	U	0.67 J	U
cyclohexane	260,000	26,000	U	2.5	5.7	2.8	U	8.7 J	U	0.25 J	U	2.7	U
ethyl acetate	3,100	310	U	U	U	U	U	U	NA	U	U	U	U
ethylbenzene	49	4.9	6.6	4.6	3.1	U	0.34 J	0.89	1	2	0.40 J	4.6	0.24 J
freon 11 (trichlorofluoromethane)	31,000	3,100	3.0	1.8	2.6	1.3	1.3	1.3	1.1	1.3	U	1.6 J	U
freon 113 (freon TF)	1,300,000	130,000	U	0.86 J	0.78 J	0.64 J	0.62 J	0.64 J	0.52 J	0.61 J	U	0.84 J	0.38 J
freon 12 (dichlorodifluoromethane)	4,400	440	3.8	2.9	U	2.7	2.4 J	2.6 ♦	2.2 J♦	2.3 J	2.0 J	2.9 J	2.4 J
freon 22	2,200,000	220,000	NA	NA	NA	U	0.86 J	0.89 J♦	0.79 J♦	0.79 J	U	0.92 J	0.68 J
heptane	NA	NA	25	3.4	8.1	4.1	U	3.9 J	0.39 J♦	0.37 J	U	1.0 J	U
hexane	31,000	3,100	52	4.9	16	10	U	13 J	0.22 J♦	2.5	0.81 J	1.5	U
isopropyl alcohol	NA	NA	U	14	U	1.1 J	0.87 J	98 J	6.6 J	14	120	68	2.2 J
m,p-xylene (sum of isomers)	4,400	440	17	19	11	0.32 J	1.0 J	3.4	3.6	5.6	1.2 J	13	0.69 J
methyl butyl ketone	NA	NA	U	U	U	U	U	U	0.31 J♦	0.34 J	U	U	U
methyl ethyl ketone	220,000	22,000	U	2.3	U	0.55 J	1.3 JB	4.1 J	1.4 J♦	3.6	U	11	U
methyl isobutyl ketone	130,000	13,000	U	U	U	3.5	U	U	U	1.2 J	U	1.4 J	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U	U	U	U	2.8 J	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	1.3 J	U
methylene chloride	12,000	1,200	3.8	U	U	U	0.44 J	0.55 J	0.40 J♦	0.84 J	U	U	U
naphthalene	3.6	0.36	U	U	U	U	U	U	0.98 J	0.85 J	U	U	U
n-Butane	NA	NA	NA	NA	NA	U	0.43 J	1.2 J♦	U	0.44 J	5.0	2.9	U
n-Propylbenzene	44,000	4,400	NA	NA	NA	U	U	U	U	U	U	1.0 J	U
o-xylene	4,400	440	7.5	4.9	2.0	0.11 J	0.39 J	1.3	1.4	1.6	1.7 J	4.3	0.14 J
styrene	44,000	4,400	U	U	U	U	0.20 J	0.2 J	0.37 J♦	0.43 J	U	2.5	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	U	U	0.69 J♦	1.8 J	U	16 J	U
tetrachloroethylene (pce)	470	47	140	3.7	2.0	2.4	1.5	0.5 J	0.71 J♦	3.3	U	8.3	U
tetrahydrofuran	NA	NA	U	U	U	U	0.43 J	U	U	2.5 J	U	7.5 J	U
toluene	220,000	22,000	35	15	29	0.61 J	1.5	3.7 J	3	4.2	3.0	14	0.85
trichloroethylene (tce)	30	3	4,900	84	49	13	24	9.1 J♦	16♦	140♦	26	270	U
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of EPA Commercial Regional Screening Levels.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.
*EPA Commercial Regional Screening Levels

Table 3-4
Buildings 785/786 SSVM System Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* ($\mu g/m^3$)	Indoor Air Screening Level* ($\mu g/m^3$)	786VMP-2										
Sample ID			**786VMP0202AA**	**786VMP0202AB**	**786VMP0202AC**	**786VMP0202AE**	**786VMP0202AG**	**786VMP0202HA**	**786VMP0202IA**	**786VMP0202JA**	**786VMP0202KA**	**786VMP0202LA**	**786VMP0202NA**
Sample Type			**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**
Sample Date			**18-Jan-2011**	**24-Aug-2011**	**24-Oct-2011**	**7-Feb-2012**	**8-Aug-2012**	**6-Mar-2013**	**9-Aug-2013**	**3-Oct-2013**	**29-Jan-2014**	**18-Jul-2014**	**26-Jan-2015**
Sample Depth (ft bgs / ags)			**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$													
1,1,1-trichloroethane	220,000	22,000	15	4.2	3.7	0.78 J	2.1	U	3.7	6.8	1.5	14	0.55 J
1,1-dichloroethane	77	7.7	U	U	U	U	U	U	U	U	U	U	U
1,2,4-trichlorobenzene	88	9	U	U	U	U	U	U	U	0.75 J	U	U	U
1,2,4-trimethylbenzene	310	31	4.5	7.5	1.6	0.62 J	1.2	1.4	1.5	U	0.49 J	U	0.16 J♦
1,2-dichloroethane	4.7	0.47	U	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	1.7	3.1	0.55 J	0.26 J	0.33 J	0.44 J	0.41 J	0.25 J	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	28	1.9	0.28 J	4.9	U	U
1,4-dichlorobenzene	11	1.1	U	U	U	U	U	U	U	U	U	U	U
2-chlorotoluene	NA	NA	NA	NA	NA	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	1.8	U	1.3	U	U	6.8	0.61 J	U	U	U	U
4-ethyltoluene	NA	NA	0.95	2	0.55 J	0.29 J	0.36 J	0.37 J	0.46 J	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	U	U	U	U	U	U	U
acetone	1,400,000	140,000	49	25	U	1.9 J	26 B	25	4.8 J	15	31 J♦	U	5.5 J
benzene	16	1.6	4.6	0.32 J	2.2	U	0.19 J	0.66	0.44 J	0.42 J	0.66 ♦	0.49 J	0.63
bromodichloromethane	3.3	0.33	7.4	3.2	1.7	0.32 J	1.3 J	U	0.70 J	0.96 J	U	2.1 J	U
bromomethane	220	22	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	5.3	1.4	0.41 J	U	0.64 J	U	0.62 J	0.45 J	U	1.1 J	U
carbon tetrachloride	20	2	U	U	U	0.44 J	0.53 J	0.41 J	0.47 J	0.34 J	U	U	0.32 J
chlorobenzene	2,200	220	U	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	620	100	72	12	31	2.4	55	58	11	160	3.8
chloromethane	3,900	390	U	U	U	U	0.27 J	U	0.28 J	0.19 J	U	U	U
cis-1,2-dichloroethene	NA	NA	1.4	U	U	U	U	U	0.34 J	0.32 J	U	0.90 J	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	U	U	U
cyclohexane	260,000	26,000	U	U	U	U	0.38 J	9.1	U	U	3.4 J♦	U	U
ethyl acetate	3,100	310	U	1.1	U	U	U	U	NA	U	U	U	U
ethylbenzene	49	4.9	1.5	8.8	2.7	1.4	1.9	1.6	0.77 J	0.64 J	0.56 J	U	0.16 J♦
freon 11 (trichlorofluoromethane)	31,000	3,100	2.7	1.7	1.4	1.3	1.4	1.4	1.2	1.3	0.91 J♦	1.9 J	U
freon 113 (freon TF)	1,300,000	130,000	3.7	1.1 J	1.1 J	0.55 J	0.78 J	0.75 J	0.78 J	1.5	1.2 J♦	2.3 J	0.68 J
freon 12 (dichlorodifluoromethane)	4,400	440	3.5	2.8	2.3	2.5	2.4 J	2.7	1.9 J	2.4 J	3.0 ♦	3.0 J	3.1
freon 22	2,200,000	220,000	NA	NA	NA	U	1.2 J	0.98 J	0.73 J	0.82 J	U	1.0 J	1 J
heptane	NA	NA	5.8	U	1.7	U	0.38 J	3.7	U	U	0.85 ♦	U	0.23 J
hexane	31,000	3,100	U	U	U	0.22 J	0.76	15	0.19 JM	2.5	1.1 J♦	U	U
isopropyl alcohol	NA	NA	U	U	U	1.4 J	1.5 J	170	3.1 J	1 J	24	U	1.4 J
m,p-xylene (sum of isomers)	4,400	440	4.8	32	9.9	4.6	7.2	6.3	2.8	1.5 J	1.5 J	U	0.39 J♦
methyl butyl ketone	NA	NA	9.2	8.7 J	U	U	0.84 J	U	U	0.58 J	U	U	U
methyl ethyl ketone	220,000	22,000	15	U	U	U	4.8 B	7	1.4 J	3.2	3.1 ♦	U	1.4 J
methyl isobutyl ketone	130,000	13,000	6.7	U	U	1.0 J	0.74 J	U	U	0.78 J	U	U	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U	U	U	U	U	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	1.4	23	2.5	15	2.8	0.83 J	2.3	1.3 J	1.0 J♦	U	0.65 J♦
naphthalene	3.6	0.36	U	U	U	U	0.53 J	U	0.77 J	0.52 J	U	U	U
n-Butane	NA	NA	NA	NA	NA	0.67 J	2.1	1.3	0.37 J	0.26 J	0.85 J♦	U	1.1 J
n-Propylbenzene	44,000	4,400	NA	NA	NA	U	U	U	U	U	U	U	U
o-xylene	4,400	440	2.2	6.6	2.1	1.1	1.6	2.2	1	0.53 J	0.61 J	U	0.18 J♦
styrene	44,000	4,400	U	2.2	U	U	0.25 J	U	U	0.22 J	0.29 J	U	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.1 J	U	U	3.3 J	4.2 J♦	U	U
tetrachloroethylene (pce)	470	47	11	0.83 J	2.9	U	0.82 J	U	0.93 J	0.54 J	U	1.6 J	U
tetrahydrofuran	NA	NA	16	U	U	U	0.67 J	U	U	0.42 J	U	1.3 J	1.3 J
toluene	220,000	22,000	6.7	16	11	2.2 B	4.4	5.2	2.1	2	4.3 ♦	0.59 J	0.9
trichloroethylene (tce)	30	3	740	260	140	22	110	6.3	150	120	6.3	410	6.3
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of EPA Commercial Regional Screening Levels.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.
*EPA Commercial Regional Screening Levels

Table 3-4
Buildings 785/786 SSVM System Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* ($\mu g/m^3$)	Indoor Air Screening Level* ($\mu g/m^3$)	786VMP-3										
Sample ID			**786VMP0302AA**	**786VMP0302AB**	**786VMP0302AC**	**786VMP0302AD**	**786VMP0302AG**	**786VMP0302HA**	**786VMP0302IA**	**786VMP0302JA**	**786VMP0302KA**	**786VMP0302LA**	**786VMP0302NA**
Sample Type			**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**	**sub-slab**
Sample Date			**18-Jan-2011**	**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**	**9-Aug-2013**	**3-Oct-2013**	**29-Jan-2014**	**18-Jul-2014**	**26-Jan-2015**
Sample Depth (ft bgs / ags)			**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$													
1,1,1-trichloroethane	220,000	22,000	16	U	U	U	U	U	U	0.6 J	U	1.9	U
1,1-dichloroethane	77	7.7	1.4	U	U	U	U	U	U	U	U	0.57 J	U
1,2,4-trichlorobenzene	88	9	U	U	U	U	0.62 J	U	U	0.39 J	U	U	U
1,2,4-trimethylbenzene	310	31	13	2.4	0.8	0.33 J	U	U	U	0.96	0.30 J	6.2	0.38 J
1,2-dichloroethane	4.7	0.47	U	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	9.9	0.65 J	U	U	U	U	U	0.3 J	U	1.6	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	0.41 J	U	18	U
1,4-dichlorobenzene	11	1.1	U	U	U	U	U	U	U	U	U	1.4	U
2-chlorotoluene	NA	NA	NA	NA	NA	U	U	U	U	U	U	0.42 J	U
2,2,4-trimethylpentane	NA	NA	U	U	1.4	0.24 J	U	U	1.9	U	U	2.3	U
4-ethyltoluene	NA	NA	8.1	0.60 J	U	U	U	U	U	0.28 J	U	2.1	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	U	U	U	2.2	U	0.76 J	U
acetone	1,400,000	140,000	50	24	4.3	1.2 J	94	17	5.5 J	9.3 J	31 J	44	7.8 J
benzene	16	1.6	4.7	0.32 J	4.2	0.25 J	1.0	0.7	U	0.46 J	0.82	3.5	0.7
bromodichloromethane	3.3	0.33	2.9	U	U	U	U	U	U	U	U	U	U
bromomethane	220	22	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	31,000	3,100	3.1	0.95	U	U	0.91 J	U	0.38 J	3.3	0.64 J	15	U
carbon tetrachloride	20	2	U	U	0.64 J	0.48 J	0.55 J	U	0.44 J	0.31 JM	0.28 J	0.45 J	0.49 J
chlorobenzene	2,200	220	U	U	U	U	U	U	U	U	U	3.0	U
chloroform	5.3	0.53	47	U	U	U	0.33 J	U	U	0.41 J	0.21 J	1.4	U
chloromethane	3,900	390	U	U	U	U	U	0.2 J	0.14 J	0.32 J	U	0.47 J	U
cis-1,2-dichloroethene	NA	NA	1.1	U	U	U	U	U	U	U	U	U	U
cumene	18,000	1,800	NA	NA	NA	U	U	U	U	U	U	1.1	U
cyclohexane	260,000	26,000	U	U	U	U	U	3.6	U	U	U	3.7	U
ethyl acetate	3,100	310	U	U	U	U	U	U	NA	U	U	U	U
ethylbenzene	49	4.9	9.8	1.6	1.1	0.40 J	0.34 J	U	U	0.8 J	0.31 J	6.4	U
freon 11 (trichlorofluoromethane)	31,000	3,100	3.2	1.7	1.5	1.4	1.4 J	1.4	1.2	1.2	1.1	2	1.4
freon 113 (freon TF)	1,300,000	130,000	3.4	0.78 J	U	0.54 J	0.67 J	0.6 J	0.59 J	U	0.69 J	0.67 J	0.65 J
freon 12 (dichlorodifluoromethane)	4,400	440	U	2.8	2.6	2.7	2.7 J	2.6	2.1 J	0.56 J	3.1	3.5	3
freon 22	2,200,000	220,000	NA	NA	NA	0.97 J	1.0 J	0.98 J	U	0.84 J	0.86 J	1.3 J	1 J
heptane	NA	NA	4.7	1.2	1.9	0.40 J	0.83 J	U	0.51 J	U	7.5	2.2	0.67 J
hexane	31,000	3,100	U	U	6.8	1.5	U	2.9	U	0.48 JM	4.9	1.9	0.96
isopropyl alcohol	NA	NA	U	11	U	U	2.8 J	34	2.3 J	5.5 J	U	73	3.4 J
m,p-xylene (sum of isomers)	4,400	440	16	5.3	3.4	1.4 J	0.75 J	U	U	1.7 J	0.37 J	17	0.42 J
methyl butyl ketone	NA	NA	7.6	U	U	U	7.6	U	U	U	U	U	U
methyl ethyl ketone	220,000	22,000	19	6.3 J	U	U	35	3.5	0.95 J	3.6	7.4	11	2.1
methyl isobutyl ketone	130,000	13,000	U	U	U	4.0	1.3 J	U	U	0.75 J	1.4 J	2.2	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U	U	U	U	3.3	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	1.7	U
methylene chloride	12,000	1,200	U	U	U	0.50 J	U	U	U	1.4 J	0.53 J	1.3 J	0.63 J
naphthalene	3.6	0.36	U	U	U	U	0.87 J	U	U	18.0	U	U	U
n-Butane	NA	NA	NA	NA	NA	U	U	U	U	0.33 J	2.4	0.97 J	0.76 J
n-Propylbenzene	44,000	4,400	NA	NA	NA	U	U	U	U	U	U	2.3	U
o-xylene	4,400	440	6.2 J	1.5	0.84	0.38 J	0.24 J	U	U	0.62 J	0.19 J	5.2	0.11 J
styrene	44,000	4,400	4.8	0.95	U	U	U	U	U	0.27 J	U	3.0	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	0.47 J	150	U	U	2.2 J	U	17	U
tetrachloroethylene (pce)	470	47	85	2.6	1.5	U	4.6	U	4.2	U	0.77 J	8.5	U
tetrahydrofuran	NA	NA	36	U	U	U	U	11 J	U	2 J	U	12 J	1.3 J
toluene	220,000	22,000	16	5.2	7.7	0.62 J	2.7	0.2 J	0.70 J	3.2	1.0	19	0.44 J
trichloroethylene (tce)	30	3	2,200	51	23	1.9	36	1.8	6.5	58	11	200	0.24 J
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
$\mu g/m^3$- microgram per cubic meter.
Exceedance of EPA Commercial Regional Screening Levels.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.
*EPA Commercial Regional Screening Levels

Table 3-4
Buildings 785/786 SSVM System Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level* ($\mu g/m^3$)	Indoor Air Screening Level* ($\mu g/m^3$)	786-IA									
Sample ID			**786IA04**	**786IA05**	**786IA06**	**786IA07**	**786IA08**	**786IA09**	**786IA10**	**786IA11**	**786IA12**	**786IA13**
Sample Type			**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**
Sample Date			**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**	**8-Aug-2012**	**6-Mar-13**	**9-Aug-13**	**3-Oct-13**	**28-Jan-14**	**17-Jul-14**	**26-Jan-15**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$												
1,1,1-trichloroethane	220,000	22,000	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	77	7.7	U	U	U	U	U	U	U	U	U	U
1,2,4-trichlorobenzene	88	9	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	310	31	5.1	1.9	U	0.59 J	U	U	2.8	U	0.15 J	U
1,2-dichloroethane	4.7	0.47	U	U	U	0.44 J	U	U	U	U	U	U
1,3,5-trimethylbenzene	NA	NA	2.6	U	U	U	U	U	0.78 J	U	U	U
1,3-dichlorobenzene	NA	NA	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	11	1.1	U	U	U	U	U	U	U	U	U	U
2-chlorotoluene	NA	NA	NA	NA	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	0.81	U	0.41 J	0.80 J	2.4	0.38 J	U	0.76 J	U	U
4-ethyltoluene	NA	NA	1.2	0.60 J	U	U	U	U	0.74 J	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	U	U	U	U	U	U	U	U
acetone	1,400,000	140,000	49	12	3.3 J	46	21	15	18	U	9.2 J	6.8 J
benzene	16	1.6	0.91	1.3	0.75	0.47 J	0.77	0.41 J	0.68	0.52 J	0.22 J	0.52 J
bromodichloromethane	3.3	0.33	U	U	U	U	U	U	U	U	U	U
bromomethane	220	22	U	U	U	U	U	U	U	U	0.12 J	U
carbon disulfide	31,000	3,100	U	U	U	1.8	U	0.38 J	U	1.2 J	U	0.66 J
carbon tetrachloride	20	2	U	U	0.53 J	0.43 J	0.5 J	0.44 J	0.4 J	0.53 J	0.45 J	0.55 J
chlorobenzene	2,200	220	U	U	U	U	U	U	U	U	U	U
chloroform	5.3	0.53	U	U	U	0.19 J	U	U	U	U	U	U
chloromethane	3,900	390	U	U	1.2	1.3	U	0.86 J	1	1.6	1.2	1.5
cis-1,2-dichloroethene	NA	NA	0.64	U	U	U	U	U	U	U	U	U
cumene	18,000	1,800	NA	NA	U	U	U	U	U	U	U	U
cyclohexane	260,000	26,000	U	1.7	0.28 JB	0.35 J	U	0.18 J	U	U	U	U
ethyl acetate	3,100	310	U	U	U	U	U	NA	U	U	U	U
ethylbenzene	49	4.9	3	1.8	0.67 J	1.3	U	1.1	14	U	0.11 J	0.21 J
freon 11 (trichlorofluoromethane)	31,000	3,100	1.7	1.1	1.4	1.4	1.6	1.1 J	1.2	1.4	1.3	1.4
freon 113 (freon TF)	1,300,000	130,000	0.78 J	U	0.56 J	0.61 J	0.68 J	0.53 J	0.49 J	0.63 J	0.59 J	0.66 J
freon 12 (dichlorodifluoromethane)	4,400	440	2.8	2.0	2.8	2.5	3	2.0 J	2.3 J	3.1	2.5	3
freon 22	2,200,000	220,000	NA	NA	U	1.3 J	1.1 J	0.78 J	0.86 J	1.1 J	1.1 J	1 J
heptane	NA	NA	1.7	0.96	0.48 JB	0.92	1.2	0.36 J	U	0.82	U	0.26 J
hexane	31,000	3,100	U	2.6	1.3 B	1.5	8.2	0.56 J	0.38 J	0.77	U	0.37 J
isopropyl alcohol	NA	NA	8.2	3.0	U	3.0 J	1.1 J	2.6 J	1.8 J	U	1.8 J	U
m,p-xylene (sum of isomers)	4,400	440	11	6.2	1.8 J	3.9	U	3.3	47	U	0.30 J	0.37 J
methyl butyl ketone	NA	NA	U	U	U	0.40 J	U	0.42 J	U	U	U	U
methyl ethyl ketone	220,000	22,000	5.9	U	0.76 J	4.5 B	3.8	3.1	7.6	U	1.2 J	1.1 J
methyl isobutyl ketone	130,000	13,000	U	U	2.6	0.71 J	U	0.98 J	2.7	U	U	U
methyl methacrylate	NA	NA	NA	NA	U	U	U	U	U	U	U	U
methyl tert-butyl ether	31,000	3,100	U	U	U	U	U	U	U	U	U	U
methylene chloride	12,000	1,200	2.7	U	0.67 J	1.0 J	0.69 J	0.47 J	0.75 J	0.68 J	U	0.7 J
naphthalene	3.6	0.36	U	U	U	U	U	0.86 J	U	U	U	U
n-Butane	NA	NA	NA	NA	2.3	7.8	3.2	1.3	1.4	2.2	U	2.1
n-Propylbenzene	44,000	4,400	NA	NA	U	U	U	U	0.48 J	U	U	U
o-xylene	4,400	440	2.7	1.7	0.51 J	1.0	U	0.80 J	14	U	0.11 J	0.14 J
styrene	44,000	4,400	1.8	U	U	0.62 J	U	0.33 J	0.58 J	U	U	U
tert-Butyl alcohol	NA	NA	NA	NA	U	U	U	0.56 J	U	U	U	U
tetrachloroethylene (pce)	470	47	U	U	U	0.34 J	U	U	U	U	1.2 J	U
tetrahydrofuran	NA	NA	U	U	U	1.5 J	U	U	U	U	U	U
toluene	220,000	22,000	8.8	9.4	2.4 B	7.3	0.98	4.5	9.3	0.33 J	0.52 J	0.51 J
trichloroethylene (tce)	30	3	2.5	U	U	U	U	U	U	U	U	U
vinyl chloride	28	2.8	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of EPA Commercial Regional Screening Levels.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.
*EPA Commercial Regional Screening Levels

Table 3-5
Buildings 785/786
SSVM Performance Monitoring Influent Results

Sample Location	**785786-Influent**							
Sample ID	**785786CA01AA**	**785786CA01AB**	**785786CA01AC**	**785786CA01AD**	**785786CA01AG**	**785786CA01AH**	**785786CA01IA**	**785786CA01LA**
Sample Type	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**
Sample Date	**19-May-2011**	**23-Aug-2011**	**25-Oct-2011**	**24-Jan-2012**	**3-Aug-2012**	**14-Feb-2013**	**22-Jan-2015**	**26-Jan-2015**
Sample Depth (ft bgs)	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Sample Collection Duration (hr)	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**
Volatiles (TO-15) in µg/m^3								
1,1,1-trichloroethane	4.8	1.4	1.6	0.32 J	U	U	0.36 J	U
1,2,4-trimethylbenzene	6.9	1.7	2.8	0.26 J	1.4 J	0.73 J	0.74 J	0.23 J
1,2-dichloroethene	U	U	U	U	U	U	U	0.36 J
1,3,5-trimethylbenzene	6.3	1.5	U	U	0.65 J	U	U	U
1,3-butadiene	U	U	U	U	U	0.23 J	U	U
1,3-dichlorobenzene	U	U	U	U	0.49 J	U	U	U
2,2,4-trimethylpentane	300	31	33	7.9	9.5	10	2.8	3.9
4-ethyltoluene	U	0.75	U	U	0.36 J	U	U	0.1 J
acetone	180	5.1	U	1.2 J	56	110	4.3 J	14
benzene	1.9	0.81	U	U	0.51 J	0.72 J	0.47 J	0.42 J
carbon disulfide	6.9	0.79	U	U	0.70 J	U	U	1.7
carbon tetrachloride	U	U	U	0.48 J	0.44 J	0.45 J	0.37 J	1.45 J
chloroform	59	8.1	7.8	1.6	2.8	U	1.2	0.67 J
chloromethane	U	U	U	U	0.45 J	0.59 J	0.24 J	U
cis-1,2-dichloroethene	17	4.5	3.0	0.56 J	1.6	U	1	0.36 J
cumene	NA	NA	NA	U	U	U	U	0.25 J
cyclohexane	180	28	U	U	4.4	7.6	U	0.24 J
ethylbenzene	5.9	2.9	1.7	0.30 J	1.1 J	U	0.41 J	0.19 J
freon 11 (trichlorofluoromethane)	1.4	1.8	1.5	1.4	1.4 J	1.5 J	1.1	1.5
freon 113 (freon TF)	0.78 J	0.78 J	U	0.52 J	0.62 J	0.73 J	0.52 J	0.66 J
freon 12 (dichlorodifluoromethane)	2.4	2.7	U	2.5	2.3 J	3.3 J	2.3 J	3
freon 22	NA	NA	NA	U	U	1.3 J	U	1 J
heptane	130	30	26	3.1	2.5	10	0.15 J	U
hexane	150	13	U	1.5	5.4	22	0.20 J	U
isopropyl alcohol	U	U	U	U	9.6 J	6.8 J	3.9 J	1.5 J
m,p-xylene (sum of isomers)	16	6.3	6.0	0.98 J	3.3	1 J	1.5 J	0.41 J
methyl ethyl ketone	20	U	U	0.27 J	5.3 B	2.3 J	0.66 J	3.7
methylene chloride	1.4	U	U	0.54 J	2.0 J	U	0.55 J	U
naphthalene	U	U	U	U	2.3 J	U	0.56 J	U
n-butane	NA	NA	NA	2.8	13	2.8	U	3.6
n-Propylbenzene	NA	NA	NA	U	U	U	U	0.65 J
o-xylene	6.5	3.4	1.9	0.30 J	1.3 J	0.4 J	0.47 J	0.13 J
styrene	U	U	U	U	0.48 J	U	0.14 J	U
tert-butyl alcohol	NA	NA	NA	U	1.0 J	U	U	U
tetrachloroethylene (pce)	250	52	72	11	22	6.6	11	5
tetrahydrofuran	510	U	U	U	2.6 J	U	U	0.62 J
toluene	5.6	3.4	3.8	0.44 J	9.5	0.97 J	1.6	0.27 J
trichloroethylene (tce)	3500	520	740	140	250	93	130	72
vinyl chloride	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
J- The analyte was positively identified; the quantitation is an estimation.
NA- Not Available
µg/m^3: microgram per cubic meter
B - Analytes detected in the trip blank.

Appendix A

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1-9-15			
conducted by:	[illegible]			
Site ID:	774/776		Patm (inch hg):	29.88
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
774-1	-27	774-1	.07	52
774-2	-23	774-2	.08	48
776-1	-26	776-1	.03/.02	52
Blower Temp (deg F)	96°	After Cooler Temp (deg F)	96°	
Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

Flow Rate (acfm)
194.59
*
179.92

Jumping Around

* Reading is outside normal range

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1.20.15
conducted by:	MG/JP

Site ID:	B774/B776 SVE		Patm (inch hg):	29.55	Flow Rate (acfm)
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	
774-1	-27	774-1	.7	54°F	195.35
774-2	-24	774-2	.1	52°F	73.40
776-1	-25	776-1	.8	52°F	207.89
Blower Temp (deg F)	100°F	After Cooler Temp (deg F)	96°F		

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	2-6-15			
conducted by:	MG			
Site ID:	B774/B776 SVE		Patm (inch hg):	30.09(in HG)
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
774-1	-26	774-1	0.7	52°F
774-2	-24	774-2	0.2	48°F
776-1	-24	776-1	0.5	50°F
Blower Temp (deg F)	94°F	After Cooler Temp (deg F)	98°F	
Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

Flow Rate (acfm)
195.06
103.58
164.10

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	2-13-15			
conducted by:	MG/JP			
Site ID:	B774/B776 SVF		Patm (inch hg):	30.20 (in Hg)
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
774-1	-27	774-1	.7	~~52°F~~ 195.70
774-2	-24	774-2	.1	48°F 73.39
776-1	-26	776-1	.4	50°F 147.45
Blower Temp (deg F)	90°F	After Cooler Temp (deg F)	~~[illegible]~~ gauge froze couldn't Read	

Flow Rate (acfm)

Well ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

& order new temp gauge

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	2-25-15			
conducted by:	MG			
Site ID:	B774 B776 SVF		Patm (inch hg):	29.80 (in HG)

Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	Flow Rate (acfm)
774-1	-27	774-1	.6	48°F	179.19
774-2	-24	774-2	.1	42°F	72.99
776-1	-24	776-1	.5	48°F	162.94

Blower Temp (deg F)	100°F	After Cooler Temp (deg F)	80°F	

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3/16/15			
conducted by:	JW			
Site ID:	B[redacted]/B[redacted] SVI		Patm (inch hg):	30.45
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
774-1	0	774-1	0	48°F
774-2	0	774-2	0	48°F
776-1	0	776-1	0	48°F
Blower Temp (deg F)	34°F	After Cooler Temp (deg F)	40°F	

* Knock-out tank full *

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

* 0/m ~~empty tank~~ - system turned back on 3/20/15 High level alarm faulted due to error. no water observed in knock-out tank *

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3-26-15			
conducted by:	MG			
Site ID:	B774/B776 SVE		Patm (inch hg):	29.82 (inHG)
Vacuum Gauge.	Vacuum (inch w.g.)	Magnehelic Gauge.	Differential Pressure (inch w.g.)	Temperature (Deg F)
774-1	-26	774-1	.6	50°F
774-2	-22	774-2	.1	50°F
776-1	-24	776-1	.7	50°F
Blower Temp (deg F)	100°F	After Cooler Temp (deg F)	82°F	

Well_ID. Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

Flow Rate (acfm)
179.38
72.85
193.24

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1-9-15
conducted by:	JP

Site ID:	785/786		Patm (inch hg):	29.88	
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	Flow Rate (acfm)
785-1	-.56	785-1	0.4 – 0.6	40	96.80
786-1	-.48	786-1	0.8 – 1.0	42	129.78
total	2" Hg	total	38	48	231.21
Blower Temp (deg F)	125	After Cooler Temp (deg F)			

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1.20.15			
conducted by:	[illegible]			
Site ID:	B785/B786 SVE		Patm (inch hg):	29.59
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785-1	-51	785-1	0.4	40°F
786-1	-48	786-1	1	40°F
total	~~3 inHG~~	total	3.8	49°F
Blower Temp (deg F)	126°F	After Cooler Temp (deg F)	112°F	
Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

Flow Rate (acfm)

86.89

136.81

236.16

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	2-6-15			
conducted by:	MG			
Site ID:	B785/B786 SVI		Patm (inch hg):	30.09 (inHG)
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785-1	-50	785-1	0.4	36°F
786-1	-48	786-1	1	40°F
total	4 (inHG)	total	3.8	48F
Blower Temp (deg F)	138°F	After Cooler Temp (deg F)	110°F	
Well ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

Flow Rate (acfm)

86.58

137.07

240.89

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	2-25-15			
conducted by:	MG			
Site ID:	B785/B786 SVI		Patm (inch hg):	29.80 (inHG)
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785-1	-48	785-1	.4	36°F
786-1	-50	786-1	1	38°F
total	3 (in HG)	total	3.8 (in HG)	45°F
Blower Temp (deg F)	125°F	After Cooler Temp (deg F)	108°F	
Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

Flow Rate (acfm)

85.87

136.42

234.40

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3/6/15			
conducted by:	JW			
Site ID:	B785/B786 SVE		Patm (inch hg):	30.45
Vacuum Gauge	Vacuum (inch w g)	Magnehelic Gauge	Differential Pressure (inch w g)	Temperature (Deg F)
785-1	-50	785-1	0.4	34°F
786-1	-48	786-1	1.0	38°F
total	3.3(in H_2O)	total	[redacted]	46°F
Blower Temp (deg F)	125°F	After Cooler Temp (deg F)	112°F	

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w g)	Medium Vacuum (inch w g)	Deep Vacuum (inch w g)

Flow Rate (acfm)

86.99

137.71

240.56

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3/13/15			
conducted by:	Josh Wenzel			
Site ID:	B785/B786 SVI		Patm (inch hg):	30.42
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785-1	-49	785-1	0.5	37°
786-1	-50	786-1	1.0	39°
total	3 (in Hg)	total	3.9 (in Hg)	45°
Blower Temp (deg F)	135°F	After Cooler Temp (deg F)	100°F	

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

Flow Rate (acfm)

97.36

138.17

240.19

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3/20/15			
conducted by:	km			
Site ID:	785 / 786		Patm (inch hg):	30.25

Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	Flow Rate (acfm)
785-1	-51	785-1	0.5	33	96.94
786-1	-48	786-1	0.9	38	130.16
total	3.5 inhg	total	3.9	48	242.44
Blower Temp (deg F)	125	After Cooler Temp (deg F)	110		

Well_ID. Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3-26-15			
conducted by:	MG			
Site ID:	B785/B786 SVE		Patm (inch hg):	29.82 (inHG)
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785-1	-50	785-1	0.2	34°F
786-1	-48	786-1	1	~~47°F MG~~ 38°F
total	4.9 (inHG)	total	3.8	50°F
Blower Temp (deg F)	130°F	After Cooler Temp (deg F)	100°F	

Well_ID; Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

Flow Rate (acfm)

60.79

136.09

244.36

Appendix B

Waste Inventory Tracking Form

Location: Buildings 774, 776, 785 and 786

Project Name: 1015-11-01 SVI

Activities: Spent Carbon Generation

Date	Activity Generating Waste (borehole # / well #)	Description of Waste	Field Evidence of Contamination	Estimated Volume (gals)	Type of Container (storage ID #)	Location of Container	Waste Characterization
19-Dec-11	SVE System (774, 776, 785 and 786)	Spent Carbon	Soil Vapor	220	55-gal drum	B774 and B786	Yes - Sampled on 08/13/13
23-Feb-12	SVE System (774, 776, 785 and 786)	Spent Carbon	Soil Vapor	220	55-gal drum	B774 and B786	Yes - Sampled on 08/13/13
23-Apr-12	SVE System (774, 776, 785 and 786)	Spent Carbon	Soil Vapor	220	55-gal drum	B774 and B786	Yes - Sampled on 08/13/13
5-Jul-12	SVE System (785 and 786)	Spent Carbon	Soil Vapor	110	55-gal drum	B786	Yes - Sampled on 08/13/13o
17-Jul-12	SVE System (774 and 776)	Spent Carbon	Soil Vapor	110	55-gal drum	B774	Yes - Sampled on 08/13/13
5-Sep-12	SVE System (774, 776, 785 and 786)	Spent Carbon	Soil Vapor	220	55-gal drum	B774 and B786	Yes - Sampled on 08/13/13
4-Dec-12	SVE System (774, 776, 785 and 786)	Spent Carbon	Soil Vapor	220	55-gal drum	B774 and B786	Yes - Sampled on 08/13/13
24-Apr-13	SVE System (774, 776, 785 and 786)	Spent Carbon	Soil Vapor	220	55-gal drum	B774 and B786	Yes - Sampled on 08/13/13
13-Sep-13	SVE System (774 and 776)	Spent Carbon	Soil Vapor	110	55-gal drum	B774	Yes – Sampled on 8/22/14
13-Jan-14	SVE System (774 and 776)	Spent Carbon	Soil Vapor	110	55-gal drum	B774	Yes – Sampled on 8/22/14
20-May-14	SVE System (774 and 776	Spent Carbon	Soil Vapor	110	55-gal drum	B774	Yes – Sampled on 8/22/14
24-Sept-14	SVE System (785 and 786)	Spent Carbon	Soil Vapor	110	55-gal drum	B785	Yes – Sampled on 10/14/14
14-Oct-14	SVE System (774 and 776	Spent Carbon	Soil Vapor	110	55-gal drum	B774	Yes – Sampled on 10/14/14
26-Feb-15	SVE System (774, 776, 785 and 786)	Spent Carbon	Soil Vapor	220	55-gal drum	B774	

Note: Describe whether soil or water samples have been collected for waste characterization, include date, if known.

Comments : _____

_____

_____

_____

Appendix C

Daily Chemical Quality Control Report

Project/Delivery Order Number: 1015-11-01 Date: 1/22/2015

Project Name/Site Number: SD052/ B774 and 776 SSVM Site.

Weather conditions: Temperature: 24.1 F Barometric reading: 30.35
Wind speed and direction: 5.3 mph
Significant wind changes: none

General description of tasks completed: Sub-slab vapor sampling at SD052 Buildings 774 and 776 SSVM system.

Explain any departures from the SAP or deviations from approved procedures during the day's field activities: None

Explain any technical problems encountered in the field or field equipment/field analytical instrument malfunction: None

Corrective actions taken or instructions obtained from AFCEC personnel: No corrective actions necessary.
None

Sampling shipment completed: √ Yes □ No Airbill #: ....

DCQCR Prepared by: Daniel Baldyga Date: 2/6/2015

CQCC Signature: Concordia Hartfield Date: 2/8/15

ATTACHMENTS:

Checklist	Daily Chemical Quality Control Report Attachments
	✓ Field sampling forms
	✓ Equipment Calibration Log
	✓ Copies of COCs
	✓ SDG Table (See accompanying COCs).
	✓ Daily Health and Safety Meeting Form

WEATHER OBSERVATION FORM

LOCATION: Building 774/776

DATE: January 22, 2015

FIELD PERSONNEL: RM/MG

INSTRUMENTS (model and serial number):

Thermometer: NA

Anemometer: NA

	Time (military)	Precip. (in)	Atmospheric pressure (in)	Temp. (degrees F)	Wind (mph)	Comments
Prior to Sampling	0753	0.0	30.22	21	calm	overcast
Mid Day	1201	0.0	30.28	25.5	W7	overcast
End of Sampling	1700	0.0	30.35	24.1	NW 5.3	clear

Notes: Additional measurements should be taken in case of weather condition changes.
Air sampling will be postponed if conditions move outside the acceptable range.

Sampling Event Acceptable Range:
1. Precipitation: dry while conducting sampling.
2. Atmospheric pressure: 29.7 – 30.4 in Hg.
3. Temperature: 35 – 95 degrees F. The ground must be completely thawed.
4. Wind: <10 mph.

Daily Health and Safety Meeting Form

Date: January 22, 2015 *Time :* 0800

Location: FPM office (sample room)

Weather Conditions: 25°F / overcast

Meeting Type: Daily Health and Safety

Personnel Present:
Jake Pratt, Mark Grifasi, Katrina Mattice

Visitors Present: NA

Visitor Training: NA

PPE Required: Modified D

Possible risks, injuries, concerns:
slip, trips and falls

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented):
None

Property Damage:
NA

Description (include sequence of events describing step by step how incident happened):
NA

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO + FOM, approved by PM, and SSHO implemented):
NA

Report made by (Name): Katrina Mattice

SSHP Organization Title: Site Safety and Health Officer

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 1/22/2015 TIME: 1250

SAMPLE IDENTIFICATION: 776VMP0101MA/C

SAMPLE DEPTH: 1 ft below slab

FIELD PERSONNEL: JM/MCT

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O2-20.9 CO2 -0 TVH-0

CGI: _____

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 1L

VOLUME OF SOIL VAPOR EXTRACTED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30 / -30 (e)

VACUUM AFTER SAMPLING: -3 / -3

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

solvents & refrigerants

Weather conditions: Outdoor temperature: 21

Barometric pressure: 30.22

Precipitation: 0.0

Ventilation conditions: Good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70

Location in relation to sample location: _____

Windows Closed? ☒ Yes ☐ No

Can # → A 2596 / 4615 ← Reg #

DUP Can # 4388 / Reg # 4627 ← Reg

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 1/22/2015 TIME: 1244

SAMPLE IDENTIFICATION: 776VMP0201MA

SAMPLE DEPTH: 1 ft below grade

FIELD PERSONNEL: KM/MG

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O_2 - 20.9 CO_2 - 0 TVH - 0

CGI:

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%):

SAMPLE PURGE VOLUME: 1 L

VOLUME OF SOIL VAPOR EXTRACTED: 6 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -28

VACUUM AFTER SAMPLING: 0

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

solvents and refrigerants

Weather conditions: Outdoor temperature: 21

Barometric pressure: 30.22

Precipitation: 0.0

Ventilation conditions: good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70

Location in relation to sample location:

Windows Closed? ☐ Yes ☒ No

Can #3033

Reg # 4714

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 1/22/2015 TIME: 1255

SAMPLE IDENTIFICATION: 776VMP0301MA

SAMPLE DEPTH: 1 ft below grade

FIELD PERSONNEL: KM / MG

INSTRUMENTS (model and serial number):

PUMP: RKI eagle - O_2 - 20.9 CO_2 - 0.0 TVH - 0.0

CGI:

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%):

SAMPLE PURGE VOLUME: 1L

VOLUME OF SOIL VAPOR EXTRACTED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30

VACUUM AFTER SAMPLING: -4

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

refrigerants and fuel gas

Weather conditions: Outdoor temperature: 21

Barometric pressure: 30.22

Precipitation: 0.10

Ventilation conditions: good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70°

Location in relation to sample location:

Windows Closed? ☒ Yes ☐ No

CAN # 5155

Reg # 4691

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: 1/22/2015 TIME: 0800

SAMPLE IDENTIFICATION: 774776OA7MA

SAMPLE DEPTH: 5 ft above grade

FIELD PERSONNEL: RM/MG

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O_2 - 20.9 CO_2 - 0 TVH - 0

CGI:

TYPE OF SAMPLE: ☐ INDOOR ☒ OUTDOOR

DURATION OF AIR SAMPLING: 8hr

VOLUME OF AIR SAMPLED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30

VACUUM AFTER SAMPLING: -6

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

Outdoors

VOCs used during normal operations of facility: solvents & refrigrants outside - fuel gas

Weather conditions: Outdoor temperature: 21

Barometric pressure: 30.22

Precipitation: 0.0

Ventilation conditions: good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp.: 70

Location in relation to sample location: Outdoors

Windows Closed? ☒ Yes ☐ No

can # 4066 Reg # 3125

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: 1/22/2015 TIME: 0810

SAMPLE IDENTIFICATION: 776FA1MA

SAMPLE DEPTH: 5 ft above grade

FIELD PERSONNEL: KM IMG

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O2-20.9 CO2- 0 TH-0

CGI:

TYPE OF SAMPLE: ☒ INDOOR ☐ OUTDOOR

DURATION OF AIR SAMPLING: 8 hr

VOLUME OF AIR SAMPLED: 6 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30

VACUUM AFTER SAMPLING: -04

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

Dry

VOCs used during normal operations of facility: solvents & refrigerants

Weather conditions: Outdoor temperature: 21

Barometric pressure: 30.22

Precipitation: 0.0

Ventilation conditions: Good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp.: 70

Location in relation to sample location:

Windows Closed? ☒ Yes ☐ No

Can # 5465 Reg #3740

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: 1/22/15 TIME: 0805

SAMPLE IDENTIFICATION: 774 IA 7MA

SAMPLE DEPTH: 5 ft above ground

FIELD PERSONNEL: PM / MG

INSTRUMENTS (model and serial number):

PUMP: RKI eagle - O_2 20.9 CO_2 0 TVH 0

CGI:

TYPE OF SAMPLE: ☒ INDOOR ☐ OUTDOOR

DURATION OF AIR SAMPLING: 8hr

VOLUME OF AIR SAMPLED: 6 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30

VACUUM AFTER SAMPLING: -4

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

Dry

VOCs used during normal operations of facility:

refrigerants & solvents

Weather conditions: Outdoor temperature: 21

Barometric pressure: 30.22

Precipitation: 0.0

Ventilation conditions: good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp.: 70

Location in relation to sample location:

Windows Closed? ☒ Yes ☐ No

can # 4296 Reg # 5177

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 1/22/2015 TIME: 1405

SAMPLE IDENTIFICATION: 774 VMP 0201 MA

SAMPLE DEPTH: 1 ft below grade

FIELD PERSONNEL: JP / MG

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O_2-20.9 CO_2-0.0 TVH-0.0

CGI:

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%):

SAMPLE PURGE VOLUME: 1 L

VOLUME OF SOIL VAPOR EXTRACTED: 6 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -31

VACUUM AFTER SAMPLING: -05

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

refrigerants and solvents

Weather conditions: Outdoor temperature: 21

Barometric pressure: 30.22

Precipitation: 0.0

Ventilation conditions: good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70

Location in relation to sample location:

Windows Closed? ☒ Yes ☐ No

Can # 3007

Reg # 4631

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 11/22/2015 TIME: 1410

SAMPLE IDENTIFICATION: 774 VMP0301MA

SAMPLE DEPTH: 1 ft below grade

FIELD PERSONNEL: MG/JP

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O2-20.9 CO2-0.0 TVH-200

CGI: _____

TRACER GAS VERIFIED: ☐ Yes ☐ No TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 1L

VOLUME OF SOIL VAPOR EXTRACTED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -26

VACUUM AFTER SAMPLING: -04

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

solvents & refrigerants

Weather conditions: Outdoor temperature: 21

Barometric pressure: 30.22

Precipitation: 0.0

Ventilation conditions: good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70

Location in relation to sample location: _____

Windows Closed? ☒ Yes ☐ No

Con 3421

Reg 4978

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 1/22/15 TIME: ~~1358~~ 1355

SAMPLE IDENTIFICATION: 774VMP010IMA / ~~MA~~

SAMPLE DEPTH: 1 ft below grade

FIELD PERSONNEL: KM/MG/JP

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O2-20.9 CO2-0.0 TH-~~25.0~~

CGI: _____

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 1 L

VOLUME OF SOIL VAPOR EXTRACTED: 6 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: ~~-30~~ (Comp Canister)

VACUUM AFTER SAMPLING: -04

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

refrigerants and solvents

Weather conditions: Outdoor temperature: 21

Barometric pressure: 30.22

Precipitation: 0.0

Ventilation conditions: Good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70

Location in relation to sample location: _____

Windows Closed? ☒ Yes ☐ No

CAN #4442

reg 459 C

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 212
Carrier: Fedex	Sampler Signature: Katrina Mattice	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774VMP0101MA	774VMP-1	1/22	1355	GS	AC	0/0	N	-30	-4	1	1	1	Can # 4442, Reg # 4592
774VMP0201MA	774VMP-2	1/22	1405	GS	AC	0/0	N	-31	-5	1	1	1	Can # 3007, Reg # 4631
774VMP0301MA	774VMP-3	1/22	1410	GS	AC	0/0	N	-26	-4	1	1	1	Can # 3421, Reg # 4978
776VMP0101MC	776VMP-1	1/22	1250	GS	AC	0/0	N	-30	-3	1	1	1	Can # 4338, REg # 4627
776VMP0101MA	776VMP-1	1/22	1250	GS	AC	0/0	N	-30	-3	1	1	1	Can # 2596, Reg # 4615
776VMP0201MA	776VMP-2	1/22	1244	GS	AC	0/0	N	-28	0	1	1	1	Can # 3033, Reg # 4714
776VMP0301MA	776VMP-3	1/22	1255	GS	AC	0/0	N	-30	-4	1	1	1	Can # 5155, Reg #4691
774IA1MA	774-IA	1/22	0805	GS	AC	0/0	N	-30	-4	1	1	1	Can # 4296, Reg # 5177
774776OA1MA	774776-OA	1/22	0800	GS	AC	0/0	N	-30	-6	1	1	1	Can # 4066, Reg # 3125
776IA1MA	776-IA	1/22	0810	GS	AC	0/0	N	-30	-4	1	1	1	Can # 5465, REg # 3740

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/19/15	#2 Received by: (Sig)	Date: 1/28/15	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TAL SOU	Time: 1020	Company Name:	Time:

MATRIX
WG = Ground water

SMCODE
B = Bailer

SACODE
N = Normal Sample

Daily Chemical Quality Control Report

Project/Delivery Order Number: 1015-11-01 Date: 1/26/2015

Project Name/Site Number: SD052/ B785 and 786 SSVM Site.

Weather conditions: Temperature: 19 F Barometric reading: 29.98
Wind speed and direction: 13 mph
Significant wind changes: none

General description of tasks completed: Sub-slab vapor sampling at SD052 Buildings 785 and 786 SSVM system.

Explain any departures from the SAP or deviations from approved procedures during the day's field activities: None

Explain any technical problems encountered in the field or field equipment/field analytical instrument malfunction: None

Corrective actions taken or instructions obtained from AFCEC personnel: No corrective actions necessary.
None

Sampling shipment completed: √ Yes □ No Airbill #: ....

DCQCR Prepared by: Daniel Baldyga Date: 2/6/2015

CQCC Signature: Cornelia R. van Hoesel Date: 2/8/15

ATTACHMENTS:

Checklist	Daily Chemical Quality Control Report Attachments
	✓ Field sampling forms
	✓ Equipment Calibration Log
	✓ Copies of COCs
	✓ SDG Table (See accompanying COCs).
	✓ Daily Health and Safety Meeting Form

WEATHER OBSERVATION FORM

LOCATION: Buildings 785|786

DATE: 1|26|2015

FIELD PERSONNEL: JP

INSTRUMENTS (model and serial number):

Thermometer: NA

Anemometer: NA

	Time (military)	Precip. (in)	Atmospheric pressure (in)	Temp. (degrees F)	Wind (mph)	Comments
Prior to Sampling	0853	0.0	30.07	8	E7	overcast
Mid Day	1100	0.0	30.06	13	E4	overcast
End of Sampling	1600	0.0	29.98	19	E3	light snow

Notes: Additional measurements should be taken in case of weather condition changes.
Air sampling will be postponed if conditions move outside the acceptable range.

Sampling Event Acceptable Range:
1. Precipitation: dry while conducting sampling.
2. Atmospheric pressure: 29.7 – 30.4 in Hg.
3. Temperature: 35 – 95 degrees F. The ground must be completely thawed.
4. Wind: <10 mph.

Daily Health and Safety Meeting Form

Date: January 26, 2015 *Time :* 0830

Location: FPM office (sample room)

Weather Conditions: 8°F / Overcast / 07mph

Meeting Type: Daily Health and Safety

Personnel Present:
Jake Pratt, Katrina Mathis

Visitors Present: NA

Visitor Training: NA

PPE Required: Modified D

Possible risks, injuries, concerns:
Slip, trips, fall and cold weather

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented):
NA

Property Damage:
NA

Description (include sequence of events describing step by step how incident happened):
NA

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO + FOM, approved by PM, and SSHO implemented):
NA

Report made by (Name): Katrina Mathis

SSHP Organization Title: Site Safety and Health Officer

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: ~~11/26/2015~~ 1/27/15 TIME: ~~1410~~ 1505

SAMPLE IDENTIFICATION: 786VMP002NA

SAMPLE DEPTH: 1 ~~ft~~ below grade

FIELD PERSONNEL: JP

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O_2 - 20.9 CO_2 - 0 TVH - 0

CGI: _____

TRACER GAS VERIFIED: ☐ Yes ☐ ~~No~~ TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 1 L

VOLUME OF SOIL VAPOR EXTRACTED: 6 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -28

VACUUM AFTER SAMPLING: -4

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

epoxy on floor (possible)

Salamander running during sample

Weather conditions: Outdoor temperature: 93

Barometric pressure: 30.06

Precipitation: 0.0

Ventilation conditions: Good

Heating System Active? ☐ Yes ☐ No Indoor Air Temp: _____

Location in relation to sample location: _____

Windows Closed? ☐ Yes ☐ No

can # 2743 Reg # 4579

IV Point Frozen upon arrival, thaw in morning to sample

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 1/26/2015 TIME: 1415

SAMPLE IDENTIFICATION: 786VMP02U2NA/C

SAMPLE DEPTH: 1 ft below slab

FIELD PERSONNEL: JP

INSTRUMENTS (model and serial number):

PUMP: RKI eagle 02-209 CO2-0.0 TVH-0

CGI:

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%):

SAMPLE PURGE VOLUME: 1L

VOLUME OF SOIL VAPOR EXTRACTED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30/-30

VACUUM AFTER SAMPLING: -1/-2

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

possible epoxy on floors

Weather conditions: Outdoor temperature: 13

Barometric pressure: 30.06

Precipitation: 0.0

Ventilation conditions: Good

Heating System Active? ☐ Yes ☐ No Indoor Air Temp:

Location in relation to sample location:

Windows Closed? ☐ Yes ☐ No

Can # 4914/4142

Reg # 4582/4636

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 11/26/2015 TIME: 1420

SAMPLE IDENTIFICATION: 786VMP03 02NA

SAMPLE DEPTH: 1 ft below grade

FIELD PERSONNEL: JP

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O_2 -20.9 CO_2- 0 TVH - 0

CGI:

TRACER GAS VERIFIED: ☐ Yes ☐ No TRACER GAS CONC. (%):

SAMPLE PURGE VOLUME: 1 L

VOLUME OF SOIL VAPOR EXTRACTED: 6 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30

VACUUM AFTER SAMPLING: -5

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

possible epoxy on floor

Weather conditions: Outdoor temperature: 13

Barometric pressure: 30.06

Precipitation: 0.0

Ventilation conditions: good

Heating System Active? ☐ Yes ☐ No Indoor Air Temp:

Location in relation to sample location:

Windows Closed? ☐ Yes ☐ No

Can # 3544 Reg #4589

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 11/26/2015 TIME: 1520

SAMPLE IDENTIFICATION: 785VMP02O2NA

SAMPLE DEPTH: 1 ft below grade

FIELD PERSONNEL: TP

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O2-20.9 CO_2-0 TVH-50ppm

CGI:

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%):

SAMPLE PURGE VOLUME: 1L

VOLUME OF SOIL VAPOR EXTRACTED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -28

VACUUM AFTER SAMPLING: -2

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

possible epoxy on floor

Weather conditions: Outdoor temperature: 13

Barometric pressure: 30.06

Precipitation: 0.0

Ventilation conditions: SOVC

Heating System Active? ☐ Yes ☐ No Indoor Air Temp:

Location in relation to sample location:

Windows Closed? ☐ Yes ☐ No

Can # 5017 Reg # 9974

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 11/26/2015 TIME: 1525

SAMPLE IDENTIFICATION: 785VMP0401NA

SAMPLE DEPTH: 1 ft below grade

FIELD PERSONNEL: _____

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O2-20.9 CO2- 0 TVH- 0ppm

CGI: _____

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 1L

VOLUME OF SOIL VAPOR EXTRACTED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -31

VACUUM AFTER SAMPLING: -3

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

Possible epoxy on floor

Weather conditions: Outdoor temperature: 13

Barometric pressure: 30.06

Precipitation: 0.0

Ventilation conditions: Sour

Heating System Active? ☐ Yes ☐ No Indoor Air Temp: _____

Location in relation to sample location: _____

Windows Closed? ☐ Yes ☐ No

Can # 2515 Reg# ~~6279~~ 5321

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 11/26/2015 TIME: 1530

SAMPLE IDENTIFICATION: 765 VMP 0501 NA

SAMPLE DEPTH: 1 ft below grade

FIELD PERSONNEL: JP

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O2 - 20.9 CO2 - 0 TVH - 0

CGI: _____

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 1 L

VOLUME OF SOIL VAPOR EXTRACTED: 6 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -28

VACUUM AFTER SAMPLING: -1

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

possible epoxy on floor

Weather conditions: Outdoor temperature: 13

Barometric pressure: 30.06

Precipitation: 0.0

Ventilation conditions: Good

Heating System Active? ☐ Yes ☐ No Indoor Air Temp: _____

Location in relation to sample location: _____

Windows Closed? ☐ Yes ☐ No

Can # 3338 Reg # 4588

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: January 26, 2015 TIME: 1005

SAMPLE IDENTIFICATION: 185 IA IA

SAMPLE DEPTH: 5 ft above grade

FIELD PERSONNEL: JP

INSTRUMENTS (model and serial number):

PUMP: EKI eagle O2- CO2- TVH-

CGI:

TYPE OF SAMPLE: X INDOOR ~~X~~ OUTDOOR

DURATION OF AIR SAMPLING: 8hr

VOLUME OF AIR SAMPLED: UL

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30

VACUUM AFTER SAMPLING: -3

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

Dry

VOCs used during normal operations of facility:

possible epoxy on floor

Weather conditions: Outdoor temperature: 8

Barometric pressure: 30.07

Precipitation: 0.0

Ventilation conditions: Good

Heating System Active? ☐ Yes ☐ No Indoor Air Temp.:

Location in relation to sample location:

Windows Closed? ☐ Yes ☐ No

Can # 2781 ~~4414~~ Reg # 4053

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: 1/26/2015 TIME: 1000

SAMPLE IDENTIFICATION: 786EA 13

SAMPLE DEPTH: 5 ft above grade

FIELD PERSONNEL: JP

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O2- CO2- TVH

CGI:

TYPE OF SAMPLE: ☒ INDOOR ☐ OUTDOOR

DURATION OF AIR SAMPLING: 8hr

VOLUME OF AIR SAMPLED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -29

VACUUM AFTER SAMPLING: -12.5

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

dry

VOCs used during normal operations of facility:

possible epoxy on floor

Weather conditions: Outdoor temperature: 8

Barometric pressure: 30.07

Precipitation: 0.0

Ventilation conditions: good

Heating System Active? ☐ Yes ☐ No Indoor Air Temp.:

Location in relation to sample location:

Windows Closed? ☐ Yes ☐ No

Can # 5692 Reg # 5186

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: 1/26/2015 TIME: 0955

SAMPLE IDENTIFICATION: 785786OA10

SAMPLE DEPTH: 5 ft above grade

FIELD PERSONNEL: JP

INSTRUMENTS (model and serial number):

PUMP: RKI eagle O2- CO2- TVH-

CGI:

TYPE OF SAMPLE: ☐ INDOOR ☒ OUTDOOR

DURATION OF AIR SAMPLING: 8hr

VOLUME OF AIR SAMPLED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30

VACUUM AFTER SAMPLING: -2

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

Dry

VOCs used during normal operations of facility:

outdoor - fuel gas

Weather conditions: Outdoor temperature: 8

Barometric pressure: 30.07

Precipitation: 0.0

Ventilation conditions: good

Heating System Active? ☐ Yes ☐ No Indoor Air Temp.:

Location in relation to sample location:

Windows Closed? ☐ Yes ☐ No

Can # 4380 Reg #4729

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 212
Carrier: Fedex	Sampler Signature: Katrina Mattice	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
786VMP0202NA	786VMP-2	1/26	1415	GS	AC	0/0	N	-30	-1	1	1	1	Can#491A Reg#4582
786VMP0302NA	786VMP-3	1/26	1420	GS	AC	0/0	N	-30	-5	1	1	1	Can#354A Reg#4589
786VMP0102NA	786VMP-1	1/26	1505	GS	AC	0/0	N	-28	-4	1	1	1	Can#2743 Reg#4599
785IA14	785-IA	1/26	1025	GS	AC	0/0	N	-30	-3	1	1	1	Can#2781 Reg#4053
786IA13	786-IA	1/26	1000	GS	AC	0/0	N	-29	-12.5	1	1	1	Can#5692 Reg#5186
785786OA10	785786-OA	1/26	0955	GS	AC	0/0	N	-30	-2	1	1	1	Can#4380 Reg#4724
785VMP0202NA	785VMP-2	1/26	1520	GS	AC	0/0	N	-28	-2	1	1	1	Can#5017 Reg#4974
785VMP0501NA	785VMP-5	1/26	1530	GS	AC	0/0	N	-28	-1	1	1	1	Can#3338 Reg#4588
785VMP0401NA	785VMP-4	1/26	1525	GS	AC	0/0	N	-31	-3	1	1	1	Can#2515 Reg#5321
786VMP0202NC	786VMP-2	1/26	1415	GS	AC	0/0	N	-30	-2	1	1	1	Can#4142 Reg#4636
012615TB	Trip Blank	1/26	0900	GS	AC	0/0	T	NA	NA	1	1	1	Can#2634

Sample Condition Upon Receipt at Laboratory:
Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0
Note 1: VOC: Method TO-15 Full List
ANALYSIS NOTE 1: Cat B package required.

Cooler Temperature:

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) KM	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/28/15	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TMBTW	Time: 1620	Company Name:	Time:

Appendix D

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-64806-1

Job Description: Griffiss AFB Soil Vapor

For:
FPM Remediations Inc
584 Phoenix Drive
Rome, NY 13441

Attention: Daniel Baldyga

Approved for release.
Elaine M Walker
Project Manager II
2/4/2015 2:08 PM

Elaine M Walker, Project Manager II
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0156
elaine.walker@testamericainc.com
02/04/2015

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is 4025.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

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CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Soil Vapor
Report Number: 280-64806-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

Thirty-one samples were received at TestAmerica Burlington on 01/28/2015 and 01/30/2015; the samples arrived in good condition.

The container label for sample 101VMP0101FA (280-64806-3) did not match the information listed on the Chain-of-Custody (COC). The flow controller ID listed on the Chain of Custody was received was 6299. The flow controller ID received for this sample was 4679.

The container label for sample 101VMP0301FA (280-64806-5) did not match the information listed on the Chain-of-Custody (COC). The flow controller ID listed on the Chain of Custody was received was 6699. The flow controller ID received for this sample was 4699.

Due to FedEx delay, samples 786IA13 (280-64806-25), 786VMP0202NA (280-64806-21), 786VMP0202NC (280-64806-30), 786VMP0302NA (280-64806-22) did not arrive on Wednesday, January 28, 2015 as expected. Instead, these samples arrived on Friday, January 30, 2015.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples 774776CA01LA (280-64806-1), 785786CA01LA (280-64806-2), 101VMP0101FA (280-64806-3), 101VMP0201FA (280-64806-4), 101VMP0301FA (280-64806-5), 101VMP0201FC (280-64806-6), 101IA0305FA (280-64806-7), 101IA0405FA (280-64806-8), 101OA0305FA (280-64806-9), 101CA01FA (280-64806-10), 774VMP0101MA (280-64806-11), 774VMP0201MA (280-64806-12), 774VMP0301MA (280-64806-13), 776VMP0101MC (280-64806-14), 776VMP0101MA (280-64806-15), 776VMP0201MA (280-64806-16), 776VMP0301MA (280-64806-17), 774IA1MA (280-64806-18), 774776OA1MA (280-64806-19), 776IA1MA (280-64806-20), 786VMP0202NA (280-64806-21), 786VMP0302NA (280-64806-22), 786VMP0102NA (280-64806-23), 785IA14 (280-64806-24), 786IA13 (280-64806-25), 785786OA10 (280-64806-26), 785VMP0202NA (280-64806-27), 785VMP0501NA (280-64806-28), 785VMP0401NA (280-64806-29), 786VMP0202NC (280-64806-30) and 012615TB (280-64806-31) were analyzed for volatile organic compounds (GC/MS) in accordance with TO-15. The samples were analyzed on 01/29/2015, 01/30/2015 and 02/02/2015.

1,4-Dichlorobenzene was detected in method blank MB 200-83982/4 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. However, because the result concentration was less than ½ the ½ the reporting limit, no corrective action was necessary.

Samples 101VMP0101FA (280-64806-3), 101VMP0201FA (280-64806-4), 101VMP0301FA (280-64806-5), 101VMP0201FC (280-64806-6), 101IA0305FA (280-64806-7), 101IA0405FA (280-64806-8), 774VMP0301MA (280-64806-13) and 785VMP0501NA (280-64806-28) required dilutions prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHB.i Analysis Batch Number: 83585

Lab Sample ID: IC 200-83585/7 Client Sample ID:

Date Analyzed: 01/20/15 17:24 Lab File ID: 11709_07.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	8.60	Baseline Event	lyonsb	01/21/15 08:41
Carbon tetrachloride	10.41	Baseline Event	lyonsb	01/21/15 08:41
Trichloroethene	11.64	Baseline Event	lyonsb	01/21/15 08:41
Tetrachloroethene	14.20	Baseline Event	lyonsb	01/21/15 08:41

Lab Sample ID: IC 200-83585/8 Client Sample ID:

Date Analyzed: 01/20/15 18:16 Lab File ID: 11709_08.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 22	3.27	Baseline Event	lyonsb	01/21/15 08:37
1,2-Dichlorotetrafluoroethane	3.45	Baseline Event	daiglep	01/21/15 09:33
Chloromethane	3.59	Baseline Event	daiglep	01/21/15 09:33
n-Butane	3.76	Baseline Event	lyonsb	01/21/15 08:37
Bromomethane	4.59	Baseline Event	daiglep	01/21/15 09:33
Chloroethane	4.83	Baseline Event	lyonsb	01/21/15 08:37
Trichlorofluoromethane	5.34	Baseline Event	lyonsb	01/21/15 08:37
Ethanol	5.83	Baseline Event	lyonsb	01/21/15 08:37
Ethyl ether	5.97	Baseline Event	lyonsb	01/21/15 08:37
Freon TF	6.35	Baseline Event	lyonsb	01/21/15 08:37
Carbon disulfide	6.90	Baseline Event	lyonsb	01/21/15 08:37
3-Chloropropene	7.18	Baseline Event	lyonsb	01/21/15 08:37
Methylene Chloride	7.44	Baseline Event	lyonsb	01/21/15 08:37
tert-Butyl alcohol	7.53	Baseline Event	lyonsb	01/21/15 08:37
trans-1,2-Dichloroethene	7.85	Baseline Event	lyonsb	01/21/15 08:37
Acrylonitrile	7.95	Baseline Event	lyonsb	01/21/15 08:37
cis-1,2-Dichloroethene	9.50	Baseline Event	lyonsb	01/21/15 08:37
1,1,1-Trichloroethane	10.19	Baseline Event	lyonsb	01/21/15 08:37
Cyclohexane	10.19	Baseline Event	lyonsb	01/21/15 08:37
Benzene	10.74	Baseline Event	lyonsb	01/21/15 08:37

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHB.i Analysis Batch Number: 83585

Lab Sample ID: IC 200-83585/8 Client Sample ID:

Date Analyzed: 01/20/15 18:16 Lab File ID: 11709_08.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Heptane	10.93	Baseline Event	lyonsb	01/21/15 08:37
Trichloroethene	11.65	Baseline Event	lyonsb	01/21/15 08:37
1,2-Dichloropropane	12.02	Baseline Event	lyonsb	01/21/15 08:37
Dibromomethane	12.21	Baseline Event	lyonsb	01/21/15 08:37
Bromodichloromethane	12.39	Baseline Event	lyonsb	01/21/15 08:37
cis-1,3-Dichloropropene	13.01	Baseline Event	daiglep	01/21/15 09:33
Toluene	13.42	Baseline Event	lyonsb	01/21/15 08:37
1,1,2-Trichloroethane	14.07	Baseline Event	lyonsb	01/21/15 08:37
Tetrachloroethene	14.19	Baseline Event	lyonsb	01/21/15 08:37
Methyl Butyl Ketone (2-Hexanone)	14.33	Baseline Event	lyonsb	01/21/15 08:37
1,2-Dibromoethane	14.83	Baseline Event	lyonsb	01/21/15 08:37
Ethylbenzene	15.47	Baseline Event	daiglep	01/21/15 09:33
Bromoform	16.44	Baseline Event	daiglep	01/21/15 09:33
1,2,3-Trichlorobenzene	22.09	Baseline Event	daiglep	01/21/15 09:33

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHB.i Analysis Batch Number: 83585

Lab Sample ID: IC 200-83585/9 Client Sample ID:

Date Analyzed: 01/20/15 19:08 Lab File ID: 11709_09.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Pentane	5.47	Baseline Event	daiglep	01/21/15 09:49
Ethanol	5.81	Baseline Event	lyonsb	01/21/15 08:31
Isopropyl alcohol	6.82	Baseline Event	daiglep	01/21/15 09:49
3-Chloropropene	7.17	Baseline Event	lyonsb	01/21/15 08:31
Methylene Chloride	7.44	Baseline Event	daiglep	01/21/15 09:49
trans-1,2-Dichloroethene	7.84	Baseline Event	daiglep	01/21/15 09:49
n-Hexane	8.16	Baseline Event	daiglep	01/21/15 09:49
Ethyl acetate	9.48	Peak not found by the data system	daiglep	01/21/15 09:49
cis-1,2-Dichloroethene	9.51	Baseline Event	lyonsb	01/21/15 08:31
Cyclohexane	10.19	Baseline Event	lyonsb	01/21/15 08:31
1,1,1-Trichloroethane	10.20	Baseline Event	lyonsb	01/21/15 08:31
Benzene	10.74	Baseline Event	lyonsb	01/21/15 08:31
Dibromomethane	12.22	Baseline Event	lyonsb	01/21/15 08:31
1,1,2-Trichloroethane	14.07	Peak not found by the data system	daiglep	01/21/15 09:49
Tetrachloroethene	14.20	Peak not found by the data system	daiglep	01/21/15 09:49
1,2,3-Trichloropropane	17.03	Peak not found by the data system	daiglep	01/21/15 09:49
2-Chlorotoluene	17.18	Baseline Event	daiglep	01/21/15 09:49
4-Isopropyltoluene	18.00	Baseline Event	daiglep	01/21/15 09:49
1,3-Dichlorobenzene	18.08	Baseline Event	daiglep	01/21/15 09:49
Benzyl chloride	18.35	Baseline Event	daiglep	01/21/15 09:49
Naphthalene	21.62	Baseline Event	lyonsb	01/21/15 08:31

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHB.i Analysis Batch Number: 83585

Lab Sample ID: IC 200-83585/10 Client Sample ID:

Date Analyzed: 01/20/15 20:00 Lab File ID: 11709_10.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	7.95	Baseline Event	lyonsb	01/21/15 08:28

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHB.i Analysis Batch Number: 84055

Lab Sample ID: 280-64806-16 Client Sample ID: 776VMP0201MA

Date Analyzed: 01/30/15 01:22 Lab File ID: 11879_18a.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	5.33	Baseline Event	lyonsb	01/30/15 15:58
Freon TF	6.35	Baseline Event	lyonsb	01/30/15 15:58
Cyclohexane	10.20	Baseline Event	lyonsb	01/30/15 15:58
Carbon tetrachloride	10.39	Baseline Event	lyonsb	01/30/15 15:58
Benzene	10.73	Baseline Event	lyonsb	01/30/15 15:58
Trichloroethene	11.64	Baseline Event	lyonsb	01/30/15 15:58
Xylene, o-	16.13	Baseline Event	lyonsb	01/30/15 15:58

Lab Sample ID: 280-64806-17 Client Sample ID: 776VMP0301MA

Date Analyzed: 01/30/15 02:14 Lab File ID: 11879_19a.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	5.33	Baseline Event	lyonsb	01/30/15 15:59
Cyclohexane	10.20	Baseline Event	lyonsb	01/30/15 15:59
Trichloroethene	11.64	Baseline Event	lyonsb	01/30/15 15:59
Toluene	13.43	Baseline Event	lyonsb	01/30/15 15:59
Methyl Butyl Ketone (2-Hexanone)	14.32	Baseline Event	lyonsb	01/30/15 15:59
m,p-Xylene	15.62	Baseline Event	lyonsb	01/30/15 15:59
Xylene, o-	16.12	Baseline Event	lyonsb	01/30/15 15:59

Lab Sample ID: 280-64806-23 Client Sample ID: 786VMP0102NA

Date Analyzed: 01/30/15 03:06 Lab File ID: 11879_20a.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	6.63	Peak not found by the data system	lyonsb	01/30/15 16:01
Benzene	10.74	Peak not found by the data system	lyonsb	01/30/15 16:01

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHB.i Analysis Batch Number: 84055

Lab Sample ID: 280-64806-27 Client Sample ID: 785VMP0202NA

Date Analyzed: 01/30/15 03:57 Lab File ID: 11879_21a.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 22	3.27	Baseline Event	lyonsb	01/30/15 16:02
Trichlorofluoromethane	5.33	Baseline Event	lyonsb	01/30/15 16:02
Benzene	10.73	Baseline Event	lyonsb	01/30/15 16:02
Trichloroethene	11.64	Baseline Event	lyonsb	01/30/15 16:02
Toluene	13.43	Baseline Event	lyonsb	01/30/15 16:02
Xylene, o-	16.12	Baseline Event	lyonsb	01/30/15 16:02

Lab Sample ID: 280-64806-28 Client Sample ID: 785VMP0501NA

Date Analyzed: 01/30/15 04:49 Lab File ID: 11879_22a.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
m,p-Xylene	15.61	Baseline Event	lyonsb	01/30/15 16:04

Lab Sample ID: 280-64806-29 Client Sample ID: 785VMP0401NA

Date Analyzed: 01/30/15 05:41 Lab File ID: 11879_23a.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	3.76	Peak not found by the data system	lyonsb	01/30/15 16:08
Trichlorofluoromethane	5.33	Baseline Event	lyonsb	01/30/15 16:08
Carbon disulfide	6.89	Baseline Event	lyonsb	01/30/15 16:08
Methylene Chloride	7.45	Peak not found by the data system	lyonsb	01/30/15 16:08
Benzene	10.72	Peak not found by the data system	lyonsb	01/30/15 16:08
Trichloroethene	11.64	Peak not found by the data system	lyonsb	01/30/15 16:08

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHB.i Analysis Batch Number: 84055

Lab Sample ID: 280-64806-15 Client Sample ID: 776VMP0101MA

Date Analyzed: 01/30/15 08:19 Lab File ID: 11879_24a.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	3.59	Peak not found by the data system	lyonsb	01/30/15 16:13
Trichlorofluoromethane	5.33	Baseline Event	lyonsb	01/30/15 16:13
Methylene Chloride	7.45	Peak not found by the data system	lyonsb	01/30/15 16:13
tert-Butyl alcohol	7.54	Peak not found by the data system	lyonsb	01/30/15 16:13
Cyclohexane	10.19	Baseline Event	lyonsb	01/30/15 16:13
n-Heptane	10.91	Baseline Event	lyonsb	01/30/15 16:13
Trichloroethene	11.63	Baseline Event	lyonsb	01/30/15 16:13
1,3,5-Trimethylbenzene	17.19	Baseline Event	lyonsb	01/30/15 16:13

Lab Sample ID: 280-64806-14 Client Sample ID: 776VMP0101MC

Date Analyzed: 01/30/15 09:11 Lab File ID: 11879_25a.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	3.58	Peak not found by the data system	lyonsb	01/30/15 16:15
Trichlorofluoromethane	5.32	Baseline Event	lyonsb	01/30/15 16:15
Methylene Chloride	7.44	Peak not found by the data system	lyonsb	01/30/15 16:15
Cyclohexane	10.19	Peak not found by the data system	lyonsb	01/30/15 16:15
Benzene	10.73	Baseline Event	lyonsb	01/30/15 16:15
Styrene	16.15	Baseline Event	lyonsb	01/30/15 16:15

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 83549

Lab Sample ID: IC 200-83549/4 Client Sample ID:

Date Analyzed: 01/19/15 17:42 Lab File ID: 11695_04.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	8.61	Baseline Event	lyonsb	01/20/15 08:10
Tetrachloroethene	16.52	Baseline Event	lyonsb	01/20/15 08:10

Lab Sample ID: IC 200-83549/5 Client Sample ID:

Date Analyzed: 01/19/15 18:32 Lab File ID: 11695_05.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	7.73	Baseline Event	lyonsb	01/20/15 08:09
cis-1,2-Dichloroethene	9.74	Baseline Event	lyonsb	01/20/15 08:09
Chloroform	10.37	Baseline Event	lyonsb	01/20/15 08:09
Cyclohexane	10.61	Baseline Event	lyonsb	01/20/15 08:09
n-Heptane	11.76	Baseline Event	lyonsb	01/20/15 08:09
1,1,2-Trichloroethane	16.39	Baseline Event	lyonsb	01/20/15 08:09
Tetrachloroethene	16.52	Baseline Event	lyonsb	01/20/15 08:09
Methyl Butyl Ketone (2-Hexanone)	16.91	Baseline Event	lyonsb	01/20/15 08:09
1,2-Dibromoethane	17.45	Baseline Event	lyonsb	01/20/15 08:09
Styrene	19.76	Baseline Event	lyonsb	01/20/15 08:09
1,2,3-Trichloropropane	21.16	Baseline Event	lyonsb	01/20/15 08:09
2-Chlorotoluene	21.33	Baseline Event	lyonsb	01/20/15 08:09
1,3-Dichlorobenzene	22.49	Baseline Event	lyonsb	01/20/15 08:09

Lab Sample ID: IC 200-83549/6 Client Sample ID:

Date Analyzed: 01/19/15 19:23 Lab File ID: 11695_06.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	7.73	Baseline Event	lyonsb	01/20/15 08:06
cis-1,2-Dichloroethene	9.76	Baseline Event	lyonsb	01/20/15 08:06

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 84038

Lab Sample ID: 280-64806-11 Client Sample ID: 774VMP0101MA

Date Analyzed: 01/30/15 13:54 Lab File ID: 11892_07.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.14	Baseline Event	lyonsb	01/30/15 16:49
n-Hexane	8.15	Baseline Event	lyonsb	01/30/15 16:49
n-Heptane	11.75	Baseline Event	lyonsb	01/30/15 16:49
4-Ethyltoluene	21.33	Baseline Event	lyonsb	01/30/15 16:49

Lab Sample ID: 280-64806-12 Client Sample ID: 774VMP0201MA

Date Analyzed: 01/30/15 14:45 Lab File ID: 11892_08.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroform	10.35	Baseline Event	lyonsb	02/02/15 08:46
Trichloroethene	12.65	Baseline Event	lyonsb	02/02/15 08:46
1,2,4-Trimethylbenzene	22.03	Baseline Event	lyonsb	02/02/15 08:46

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 84069

Lab Sample ID: 280-64806-21 Client Sample ID: 786VMP0202NA

Date Analyzed: 02/02/15 17:43 Lab File ID: 11918_11.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.12	Baseline Event	lyonsb	02/03/15 09:05
Methylene Chloride	7.27	Peak not found by the data system	lyonsb	02/03/15 09:05
Carbon tetrachloride	10.89	Baseline Event	lyonsb	02/03/15 09:05

Lab Sample ID: 280-64806-22 Client Sample ID: 786VMP0302NA

Date Analyzed: 02/02/15 18:34 Lab File ID: 11918_12.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.12	Baseline Event	lyonsb	02/03/15 09:07
n-Heptane	11.75	Peak not found by the data system	lyonsb	02/03/15 09:07
Trichloroethene	12.67	Peak not found by the data system	lyonsb	02/03/15 09:07

Lab Sample ID: 280-64806-25 Client Sample ID: 786IA13

Date Analyzed: 02/02/15 19:25 Lab File ID: 11918_13.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.13	Baseline Event	lyonsb	02/03/15 09:09
Methylene Chloride	7.27	Baseline Event	lyonsb	02/03/15 09:09
Methyl Ethyl Ketone	9.83	Baseline Event	lyonsb	02/03/15 09:09

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 84069

Lab Sample ID: 280-64806-30 Client Sample ID: 786VMP0202NC

Date Analyzed: 02/02/15 20:16 Lab File ID: 11918_14.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	5.01	Baseline Event	lyonsb	02/03/15 09:12
Freon TF	6.12	Baseline Event	lyonsb	02/03/15 09:12
n-Hexane	8.15	Baseline Event	lyonsb	02/03/15 09:12
Carbon tetrachloride	10.88	Baseline Event	lyonsb	02/03/15 09:12

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 83750

Lab Sample ID: IC 200-83750/5 Client Sample ID:

Date Analyzed: 01/23/15 13:46 Lab File ID: 11767_005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	5.35	Baseline Event	daiglep	01/26/15 09:22
1,1-Dichloroethane	11.17	Baseline Event	daiglep	01/26/15 09:22
Trichloroethene	15.17	Baseline Event	daiglep	01/26/15 09:22
Tetrachloroethene	18.63	Baseline Event	daiglep	01/26/15 09:22

Lab Sample ID: IC 200-83750/6 Client Sample ID:

Date Analyzed: 01/23/15 14:36 Lab File ID: 11767_006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	4.47	Baseline Event	daiglep	01/26/15 09:28
n-Butane	5.29	Baseline Event	daiglep	01/26/15 09:28
Isopentane	6.67	Baseline Event	daiglep	01/26/15 09:28
Trichlorofluoromethane	7.18	Baseline Event	daiglep	01/26/15 09:28
Ethyl ether	7.99	Baseline Event	daiglep	01/26/15 09:28
Acetonitrile	9.54	Baseline Event	daiglep	01/26/15 09:28
trans-1,2-Dichloroethene	10.19	Baseline Event	daiglep	01/26/15 09:28
Cyclohexane	13.22	Baseline Event	daiglep	01/26/15 09:28
1,1,1-Trichloroethane	13.23	Baseline Event	daiglep	01/26/15 09:28
Benzene	13.94	Baseline Event	daiglep	01/26/15 09:28
n-Heptane	14.24	Baseline Event	daiglep	01/26/15 09:28
n-Butanol	15.07	Baseline Event	daiglep	01/26/15 09:28
Trichloroethene	15.16	Baseline Event	daiglep	01/26/15 09:28
Bromodichloromethane	16.17	Baseline Event	daiglep	01/26/15 09:28
cis-1,3-Dichloropropene	17.02	Baseline Event	daiglep	01/26/15 09:28
trans-1,3-Dichloropropene	18.13	Baseline Event	daiglep	01/26/15 09:28
1,1,2-Trichloroethane	18.50	Baseline Event	daiglep	01/26/15 09:28
4-Ethyltoluene	22.86	Baseline Event	daiglep	01/26/15 09:28

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 83750

Lab Sample ID: IC 200-83750/7 Client Sample ID:

Date Analyzed: 01/23/15 15:25 Lab File ID: 11767_007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	6.57	Baseline Event	daiglep	01/26/15 09:32
Acrolein	8.39	Baseline Event	daiglep	01/26/15 09:32
Cyclohexane	13.21	Baseline Event	daiglep	01/26/15 09:32
cis-1,3-Dichloropropene	17.03	Baseline Event	daiglep	01/26/15 09:32
Styrene	21.53	Baseline Event	daiglep	01/26/15 09:32

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 83982

Lab Sample ID: 280-64806-1 Client Sample ID: 774776CA01LA

Date Analyzed: 01/29/15 13:59 Lab File ID: 11878_005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	13.24	Peak not found by the data system	lyonsb	01/30/15 08:43
Benzene	13.94	Baseline Event	lyonsb	01/30/15 08:43

Lab Sample ID: 280-64806-2 Client Sample ID: 785786CA01LA

Date Analyzed: 01/29/15 14:49 Lab File ID: 11878_006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	12.32	Baseline Event	lyonsb	01/30/15 08:45
Chloroform	12.91	Baseline Event	lyonsb	01/30/15 08:45
Cyclohexane	13.22	Baseline Event	lyonsb	01/30/15 08:45
1,3,5-Trimethylbenzene	22.96	Baseline Event	lyonsb	01/30/15 08:45

Lab Sample ID: 280-64806-3 Client Sample ID: 101VMP0101FA

Date Analyzed: 01/29/15 15:38 Lab File ID: 11878_007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	13.20	Baseline Event	lyonsb	01/30/15 08:48
1,1,1-Trichloroethane	13.21	Peak not found by the data system	lyonsb	01/30/15 08:48
n-Heptane	14.21	Peak not found by the data system	lyonsb	01/30/15 08:48
Bromodichloromethane	16.16	Baseline Event	lyonsb	01/30/15 08:48

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 83982

Lab Sample ID: 280-64806-5 Client Sample ID: 101VMP0301FA

Date Analyzed: 01/30/15 08:35 Lab File ID: 11878_009.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzene	13.93	Baseline Event	lyonsb	01/30/15 09:16
Trichloroethene	15.16	Baseline Event	lyonsb	01/30/15 09:16
Styrene	21.53	Baseline Event	lyonsb	01/30/15 09:16

Lab Sample ID: 280-64806-6 Client Sample ID: 101VMP0201FC

Date Analyzed: 01/30/15 09:23 Lab File ID: 11878_010.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	9.70	Baseline Event	lyonsb	01/30/15 10:11
n-Heptane	14.24	Peak not found by the data system	lyonsb	01/30/15 10:11
Cumene	22.06	Peak not found by the data system	lyonsb	01/30/15 10:11

Lab Sample ID: 280-64806-10 Client Sample ID: 101CA01FA

Date Analyzed: 01/30/15 10:13 Lab File ID: 11878_011.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzene	13.91	Baseline Event	lyonsb	01/30/15 11:21

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHX.i Analysis Batch Number: 80238

Lab Sample ID: IC 200-80238/4 Client Sample ID:

Date Analyzed: 11/10/14 16:30 Lab File ID: 10468-004.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	12.82	Baseline Event	lyonsb	11/11/14 11:32
1,2-Dibromoethane	17.65	Baseline Event	lyonsb	11/11/14 11:32
Xylene, o-	19.82	Baseline Event	lyonsb	11/11/14 11:32
2-Chlorotoluene	21.34	Baseline Event	lyonsb	11/11/14 11:32

Lab Sample ID: IC 200-80238/5 Client Sample ID:

Date Analyzed: 11/10/14 17:16 Lab File ID: 10468-005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	7.86	Baseline Event	lyonsb	11/11/14 11:38
cis-1,2-Dichloroethene	9.87	Baseline Event	lyonsb	11/11/14 11:38
Cyclohexane	10.72	Baseline Event	lyonsb	11/11/14 11:38
1,1,1-Trichloroethane	10.76	Baseline Event	lyonsb	11/11/14 11:38
Trichloroethene	12.82	Baseline Event	lyonsb	11/11/14 11:38
1,2-Dibromoethane	17.66	Baseline Event	lyonsb	11/11/14 11:38

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHX.i Analysis Batch Number: 83910

Lab Sample ID: 280-64806-20 Client Sample ID: 776IA1MA

Date Analyzed: 01/29/15 05:02 Lab File ID: 11847-026.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.29	Baseline Event	desjardin sb	01/29/15 09:23

Lab Sample ID: 280-64806-8 Client Sample ID: 101IA0405FA

Date Analyzed: 01/29/15 09:42 Lab File ID: 11847-029.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
m,p-Xylene	18.99	Baseline Event	desjardin sb	01/29/15 10:21

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHX.i Analysis Batch Number: 83984

Lab Sample ID: 280-64806-24 Client Sample ID: 785IA14

Date Analyzed: 01/29/15 14:07 Lab File ID: 11880-005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylbenzene	18.75	Baseline Event	desjardin sb	01/29/15 15:08

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-64806-1	774776CA01LA	Air	01/20/2015 1345	01/28/2015 0820
280-64806-2	785786CA01LA	Air	01/20/2015 1355	01/28/2015 0820
280-64806-3	101VMP0101FA	Air	01/21/2015 1130	01/28/2015 0820
280-64806-4	101VMP0201FA	Air	01/21/2015 1135	01/28/2015 0820
280-64806-5	101VMP0301FA	Air	01/21/2015 1125	01/28/2015 0820
280-64806-6	101VMP0201FC	Air	01/21/2015 1135	01/28/2015 0820
280-64806-7	101IA0305FA	Air	01/21/2015 1105	01/28/2015 0820
280-64806-8	101IA0405FA	Air	01/21/2015 1110	01/28/2015 0820
280-64806-9	101OA0305FA	Air	01/21/2015 1115	01/28/2015 0820
280-64806-10	101CA01FA	Air	01/20/2015 1410	01/28/2015 0820
280-64806-11	774VMP0101MA	Air	01/22/2015 1355	01/28/2015 0820
280-64806-12	774VMP0201MA	Air	01/22/2015 1405	01/28/2015 0820
280-64806-13	774VMP0301MA	Air	01/22/2015 1410	01/28/2015 0820
280-64806-14	776VMP0101MC	Air	01/22/2015 1250	01/28/2015 0820
280-64806-15	776VMP0101MA	Air	01/22/2015 1250	01/28/2015 0820
280-64806-16	776VMP0201MA	Air	01/22/2015 1244	01/28/2015 0820
280-64806-17	776VMP0301MA	Air	01/22/2015 1255	01/28/2015 0820
280-64806-18	774IA1MA	Air	01/22/2015 0805	01/28/2015 0820
280-64806-19	774776OA1MA	Air	01/22/2015 0800	01/28/2015 0820
280-64806-20	776IA1MA	Air	01/22/2015 0810	01/28/2015 0820
280-64806-21	786VMP0202NA	Air	01/26/2015 1415	01/28/2015 0820
280-64806-22	786VMP0302NA	Air	01/26/2015 1420	01/28/2015 0820
280-64806-23	786VMP0102NA	Air	01/27/2015 1505	01/28/2015 0820
280-64806-24	785IA14	Air	01/26/2015 1005	01/28/2015 0820
280-64806-25	786IA13	Air	01/26/2015 1000	01/28/2015 0820
280-64806-26	785786OA10	Air	01/26/2015 0955	01/28/2015 0820
280-64806-27	785VMP0202NA	Air	01/26/2015 1520	01/28/2015 0820
280-64806-28	785VMP0501NA	Air	01/26/2015 1530	01/28/2015 0820
280-64806-29	785VMP0401NA	Air	01/26/2015 1525	01/28/2015 0820
280-64806-30	786VMP0202NC	Air	01/26/2015 1415	01/28/2015 0820
280-64806-31TB	012615TB	Air	01/26/2015 0900	01/28/2015 0820

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-1	**774776CA01LA**					
Dichlorodifluoromethane		0.90		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		4.5		2.5	ug/m3	TO-15
Chloromethane		0.47	J	0.50	ppb v/v	TO-15
Chloromethane		0.96	J	1.0	ug/m3	TO-15
n-Butane		0.74		0.50	ppb v/v	TO-15
n-Butane		1.7		1.2	ug/m3	TO-15
Trichlorofluoromethane		5.0		0.20	ppb v/v	TO-15
Trichlorofluoromethane		28		1.1	ug/m3	TO-15
Acetone		3.1	J	5.0	ppb v/v	TO-15
Acetone		7.3	J	12	ug/m3	TO-15
Isopropyl alcohol		0.98	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		2.4	J	12	ug/m3	TO-15
Carbon disulfide		0.14	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.44	J	1.6	ug/m3	TO-15
Methylene Chloride		0.14	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.50	J	1.7	ug/m3	TO-15
n-Hexane		0.047	J	0.20	ppb v/v	TO-15
n-Hexane		0.17	J	0.70	ug/m3	TO-15
Chloroform		0.37		0.20	ppb v/v	TO-15
Chloroform		1.8		0.98	ug/m3	TO-15
1,1,1-Trichloroethane		0.33	M	0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		1.8	M	1.1	ug/m3	TO-15
Benzene		0.16	J M	0.20	ppb v/v	TO-15
Benzene		0.53	J M	0.64	ug/m3	TO-15
Trichloroethene		19		0.20	ppb v/v	TO-15
Trichloroethene		100		1.1	ug/m3	TO-15
Toluene		0.058	J	0.20	ppb v/v	TO-15
Toluene		0.22	J	0.75	ug/m3	TO-15
Tetrachloroethene		0.12	J	0.20	ppb v/v	TO-15
Tetrachloroethene		0.84	J	1.4	ug/m3	TO-15
m,p-Xylene		0.029	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.13	J	2.2	ug/m3	TO-15
Cumene		0.053	J	0.20	ppb v/v	TO-15
Cumene		0.26	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-2	**785786CA01LA**					
Dichlorodifluoromethane		0.61		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.0		2.5	ug/m3	TO-15
Freon 22		0.30	J	0.50	ppb v/v	TO-15
Freon 22		1.0	J	1.8	ug/m3	TO-15
n-Butane		1.5		0.50	ppb v/v	TO-15
n-Butane		3.6		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.26		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5		1.1	ug/m3	TO-15
Freon TF		0.086	J	0.20	ppb v/v	TO-15
Freon TF		0.66	J	1.5	ug/m3	TO-15
Acetone		5.9		5.0	ppb v/v	TO-15
Acetone		14		12	ug/m3	TO-15
Isopropyl alcohol		0.61	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		1.5	J	12	ug/m3	TO-15
Carbon disulfide		0.55		0.50	ppb v/v	TO-15
Carbon disulfide		1.7		1.6	ug/m3	TO-15
Methyl Ethyl Ketone		1.2		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		3.7		1.5	ug/m3	TO-15
cis-1,2-Dichloroethene		0.090	J M	0.20	ppb v/v	TO-15
cis-1,2-Dichloroethene		0.36	J M	0.79	ug/m3	TO-15
1,2-Dichloroethene, Total		0.090	J	0.20	ppb v/v	TO-15
1,2-Dichloroethene, Total		0.36	J	0.79	ug/m3	TO-15
Chloroform		0.14	J M	0.20	ppb v/v	TO-15
Chloroform		0.67	J M	0.98	ug/m3	TO-15
Tetrahydrofuran		0.21	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		0.62	J	15	ug/m3	TO-15
Cyclohexane		0.070	J M	0.20	ppb v/v	TO-15
Cyclohexane		0.24	J M	0.69	ug/m3	TO-15
Carbon tetrachloride		0.072	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.45	J	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		0.84		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		3.9		0.93	ug/m3	TO-15
Benzene		0.13	J	0.20	ppb v/v	TO-15
Benzene		0.42	J	0.64	ug/m3	TO-15
Trichloroethene		13		0.20	ppb v/v	TO-15
Trichloroethene		72		1.1	ug/m3	TO-15
Toluene		0.072	J	0.20	ppb v/v	TO-15
Toluene		0.27	J	0.75	ug/m3	TO-15
Tetrachloroethene		0.74		0.20	ppb v/v	TO-15
Tetrachloroethene		5.0		1.4	ug/m3	TO-15
Ethylbenzene		0.043	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.19	J	0.87	ug/m3	TO-15
m,p-Xylene		0.093	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.41	J	2.2	ug/m3	TO-15
Xylene, o-		0.031	J	0.20	ppb v/v	TO-15
Xylene, o-		0.13	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene (total)		0.12	J	0.20	ppb v/v	TO-15
Xylene (total)		0.54	J	0.87	ug/m3	TO-15
Cumene		0.050	J	0.20	ppb v/v	TO-15
Cumene		0.25	J	0.98	ug/m3	TO-15
n-Propylbenzene		0.13	J	0.20	ppb v/v	TO-15
n-Propylbenzene		0.65	J	0.98	ug/m3	TO-15
4-Ethyltoluene		0.021	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.10	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.047	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.23	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-3	**101VMP0101FA**					
Dichlorodifluoromethane		0.57	J D	0.80	ppb v/v	TO-15
Dichlorodifluoromethane		2.8	J D	4.0	ug/m3	TO-15
Freon 22		0.62	J D	0.80	ppb v/v	TO-15
Freon 22		2.2	J D	2.8	ug/m3	TO-15
Chloromethane		0.47	J D	0.80	ppb v/v	TO-15
Chloromethane		0.97	J D	1.7	ug/m3	TO-15
n-Butane		2.7	D	0.80	ppb v/v	TO-15
n-Butane		6.3	D	1.9	ug/m3	TO-15
Trichlorofluoromethane		0.90	D	0.32	ppb v/v	TO-15
Trichlorofluoromethane		5.1	D	1.8	ug/m3	TO-15
Freon TF		0.096	J D	0.32	ppb v/v	TO-15
Freon TF		0.74	J D	2.5	ug/m3	TO-15
Acetone		37	D	8.0	ppb v/v	TO-15
Acetone		88	D	19	ug/m3	TO-15
Isopropyl alcohol		11	D	8.0	ppb v/v	TO-15
Isopropyl alcohol		26	D	20	ug/m3	TO-15
Carbon disulfide		0.65	J D	0.80	ppb v/v	TO-15
Carbon disulfide		2.0	J D	2.5	ug/m3	TO-15
Methylene Chloride		0.26	J D	0.80	ppb v/v	TO-15
Methylene Chloride		0.89	J D	2.8	ug/m3	TO-15
n-Hexane		0.23	J D	0.32	ppb v/v	TO-15
n-Hexane		0.81	J D	1.1	ug/m3	TO-15
Methyl Ethyl Ketone		23	D	0.80	ppb v/v	TO-15
Methyl Ethyl Ketone		68	D	2.4	ug/m3	TO-15
Chloroform		28	D	0.32	ppb v/v	TO-15
Chloroform		140	D	1.6	ug/m3	TO-15
Tetrahydrofuran		49	D	8.0	ppb v/v	TO-15
Tetrahydrofuran		140	D	24	ug/m3	TO-15
1,1,1-Trichloroethane		0.21	J D M	0.32	ppb v/v	TO-15
1,1,1-Trichloroethane		1.1	J D M	1.7	ug/m3	TO-15
Cyclohexane		0.092	J D M	0.32	ppb v/v	TO-15
Cyclohexane		0.32	J D M	1.1	ug/m3	TO-15
Carbon tetrachloride		0.13	J D	0.32	ppb v/v	TO-15
Carbon tetrachloride		0.83	J D	2.0	ug/m3	TO-15
2,2,4-Trimethylpentane		0.078	J D	0.32	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.36	J D	1.5	ug/m3	TO-15
Benzene		0.26	J D	0.32	ppb v/v	TO-15
Benzene		0.84	J D	1.0	ug/m3	TO-15
n-Heptane		0.14	J D M	0.32	ppb v/v	TO-15
n-Heptane		0.56	J D M	1.3	ug/m3	TO-15
Trichloroethene		11	D	0.32	ppb v/v	TO-15
Trichloroethene		60	D	1.7	ug/m3	TO-15
Bromodichloromethane		0.11	J D M	0.32	ppb v/v	TO-15
Bromodichloromethane		0.71	J D M	2.1	ug/m3	TO-15
methyl isobutyl ketone		0.56	J D	0.80	ppb v/v	TO-15
methyl isobutyl ketone		2.3	J D	3.3	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Toluene		3.2	D	0.32	ppb v/v	TO-15
Toluene		12	D	1.2	ug/m3	TO-15
Ethylbenzene		0.44	D	0.32	ppb v/v	TO-15
Ethylbenzene		1.9	D	1.4	ug/m3	TO-15
m,p-Xylene		1.7	D	0.80	ppb v/v	TO-15
m,p-Xylene		7.6	D	3.5	ug/m3	TO-15
Xylene, o-		0.70	D	0.32	ppb v/v	TO-15
Xylene, o-		3.0	D	1.4	ug/m3	TO-15
Xylene (total)		2.4		0.32	ppb v/v	TO-15
Xylene (total)		10		1.4	ug/m3	TO-15
Styrene		0.38	D	0.32	ppb v/v	TO-15
Styrene		1.6	D	1.4	ug/m3	TO-15
Cumene		0.078	J D	0.32	ppb v/v	TO-15
Cumene		0.38	J D	1.6	ug/m3	TO-15
n-Propylbenzene		0.20	J D	0.32	ppb v/v	TO-15
n-Propylbenzene		0.97	J D	1.6	ug/m3	TO-15
4-Ethyltoluene		0.29	J D	0.32	ppb v/v	TO-15
4-Ethyltoluene		1.4	J D	1.6	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.26	J D	0.32	ppb v/v	TO-15
1,3,5-Trimethylbenzene		1.3	J D	1.6	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.89	D	0.32	ppb v/v	TO-15
1,2,4-Trimethylbenzene		4.4	D	1.6	ug/m3	TO-15
Naphthalene		0.11	J D	0.80	ppb v/v	TO-15
Naphthalene		0.56	J D	4.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-4	**101VMP0201FA**					
Dichlorodifluoromethane		0.54	J D	1.0	ppb v/v	TO-15
Dichlorodifluoromethane		2.7	J D	4.9	ug/m3	TO-15
Freon 22		0.60	J D	1.0	ppb v/v	TO-15
Freon 22		2.1	J D	3.5	ug/m3	TO-15
n-Butane		0.94	J D	1.0	ppb v/v	TO-15
n-Butane		2.2	J D	2.4	ug/m3	TO-15
Trichlorofluoromethane		0.94	D	0.40	ppb v/v	TO-15
Trichlorofluoromethane		5.3	D	2.2	ug/m3	TO-15
Freon TF		0.11	J D	0.40	ppb v/v	TO-15
Freon TF		0.85	J D	3.1	ug/m3	TO-15
Acetone		16	D	10	ppb v/v	TO-15
Acetone		37	D	24	ug/m3	TO-15
Isopropyl alcohol		9.1	J D	10	ppb v/v	TO-15
Isopropyl alcohol		22	J D	25	ug/m3	TO-15
Carbon disulfide		1.6	D	1.0	ppb v/v	TO-15
Carbon disulfide		4.9	D	3.1	ug/m3	TO-15
tert-Butyl alcohol		0.76	J D	10	ppb v/v	TO-15
tert-Butyl alcohol		2.3	J D	30	ug/m3	TO-15
n-Hexane		0.30	J D	0.40	ppb v/v	TO-15
n-Hexane		1.1	J D	1.4	ug/m3	TO-15
Methyl Ethyl Ketone		3.0	D	1.0	ppb v/v	TO-15
Methyl Ethyl Ketone		8.8	D	2.9	ug/m3	TO-15
Chloroform		0.086	J D	0.40	ppb v/v	TO-15
Chloroform		0.42	J D	2.0	ug/m3	TO-15
Tetrahydrofuran		58	D	10	ppb v/v	TO-15
Tetrahydrofuran		170	D	29	ug/m3	TO-15
Carbon tetrachloride		0.14	J D	0.40	ppb v/v	TO-15
Carbon tetrachloride		0.87	J D	2.5	ug/m3	TO-15
2,2,4-Trimethylpentane		0.15	J D	0.40	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.70	J D	1.9	ug/m3	TO-15
Benzene		2.3	D	0.40	ppb v/v	TO-15
Benzene		7.2	D	1.3	ug/m3	TO-15
Trichloroethene		11	D	0.40	ppb v/v	TO-15
Trichloroethene		58	D	2.1	ug/m3	TO-15
1,4-Dioxane		0.44	J D	10	ppb v/v	TO-15
1,4-Dioxane		1.6	J D	36	ug/m3	TO-15
Toluene		30	D	0.40	ppb v/v	TO-15
Toluene		110	D	1.5	ug/m3	TO-15
Tetrachloroethene		0.32	J D	0.40	ppb v/v	TO-15
Tetrachloroethene		2.1	J D	2.7	ug/m3	TO-15
Ethylbenzene		9.7	D	0.40	ppb v/v	TO-15
Ethylbenzene		42	D	1.7	ug/m3	TO-15
m,p-Xylene		22	D	1.0	ppb v/v	TO-15
m,p-Xylene		96	D	4.3	ug/m3	TO-15
Xylene, o-		3.4	D	0.40	ppb v/v	TO-15
Xylene, o-		15	D	1.7	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene (total)		25		0.40	ppb v/v	TO-15
Xylene (total)		110		1.7	ug/m3	TO-15
4-Ethyltoluene		0.057	J D	0.40	ppb v/v	TO-15
4-Ethyltoluene		0.28	J D	2.0	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.045	J D	0.40	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.22	J D	2.0	ug/m3	TO-15
1,2,4-Trichlorobenzene		0.069	J D	1.0	ppb v/v	TO-15
1,2,4-Trichlorobenzene		0.51	J D	7.4	ug/m3	TO-15
280-64806-5	**101VMP0301FA**					
Acetone		190	J D	250	ppb v/v	TO-15
Acetone		450	J D	590	ug/m3	TO-15
Isopropyl alcohol		16	J D	250	ppb v/v	TO-15
Isopropyl alcohol		40	J D	610	ug/m3	TO-15
Carbon disulfide		4.5	J D	25	ppb v/v	TO-15
Carbon disulfide		14	J D	77	ug/m3	TO-15
Methyl Ethyl Ketone		210	D	25	ppb v/v	TO-15
Methyl Ethyl Ketone		620	D	73	ug/m3	TO-15
Tetrahydrofuran		810	D	250	ppb v/v	TO-15
Tetrahydrofuran		2400	D	730	ug/m3	TO-15
Trichloroethene		3.7	J D M	9.9	ppb v/v	TO-15
Trichloroethene		20	J D M	53	ug/m3	TO-15
methyl isobutyl ketone		74	D	25	ppb v/v	TO-15
methyl isobutyl ketone		300	D	100	ug/m3	TO-15
Toluene		290	D	9.9	ppb v/v	TO-15
Toluene		1100	D	37	ug/m3	TO-15
Tetrachloroethene		1.6	J D	9.9	ppb v/v	TO-15
Tetrachloroethene		11	J D	67	ug/m3	TO-15
Ethylbenzene		4.4	J D	9.9	ppb v/v	TO-15
Ethylbenzene		19	J D	43	ug/m3	TO-15
m,p-Xylene		16	J D	25	ppb v/v	TO-15
m,p-Xylene		68	J D	110	ug/m3	TO-15
Xylene, o-		4.9	J D	9.9	ppb v/v	TO-15
Xylene, o-		21	J D	43	ug/m3	TO-15
Xylene (total)		21		9.9	ppb v/v	TO-15
Xylene (total)		91		43	ug/m3	TO-15
Styrene		1.9	J D M	9.9	ppb v/v	TO-15
Styrene		8.1	J D M	42	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-6	**101VMP0201FC**					
Dichlorodifluoromethane		0.62	J D	1.5	ppb v/v	TO-15
Dichlorodifluoromethane		3.1	J D	7.5	ug/m3	TO-15
Freon 22		0.67	J D	1.5	ppb v/v	TO-15
Freon 22		2.4	J D	5.4	ug/m3	TO-15
n-Butane		0.73	J D	1.5	ppb v/v	TO-15
n-Butane		1.7	J D	3.6	ug/m3	TO-15
Trichlorofluoromethane		1.0	D	0.61	ppb v/v	TO-15
Trichlorofluoromethane		5.9	D	3.4	ug/m3	TO-15
Acetone		19	D	15	ppb v/v	TO-15
Acetone		45	D	36	ug/m3	TO-15
Isopropyl alcohol		8.6	J D	15	ppb v/v	TO-15
Isopropyl alcohol		21	J D	37	ug/m3	TO-15
Carbon disulfide		3.5	D	1.5	ppb v/v	TO-15
Carbon disulfide		11	D	4.7	ug/m3	TO-15
Methylene Chloride		0.45	J D M	1.5	ppb v/v	TO-15
Methylene Chloride		1.5	J D M	5.3	ug/m3	TO-15
tert-Butyl alcohol		0.92	J D	15	ppb v/v	TO-15
tert-Butyl alcohol		2.8	J D	46	ug/m3	TO-15
n-Hexane		0.27	J D	0.61	ppb v/v	TO-15
n-Hexane		0.94	J D	2.1	ug/m3	TO-15
Methyl Ethyl Ketone		4.2	D	1.5	ppb v/v	TO-15
Methyl Ethyl Ketone		13	D	4.5	ug/m3	TO-15
Chloroform		0.13	J D	0.61	ppb v/v	TO-15
Chloroform		0.63	J D	3.0	ug/m3	TO-15
Tetrahydrofuran		99	D	15	ppb v/v	TO-15
Tetrahydrofuran		290	D	45	ug/m3	TO-15
Carbon tetrachloride		0.16	J D	0.61	ppb v/v	TO-15
Carbon tetrachloride		1.0	J D	3.8	ug/m3	TO-15
2,2,4-Trimethylpentane		0.15	J D	0.61	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.69	J D	2.8	ug/m3	TO-15
Benzene		2.7	D	0.61	ppb v/v	TO-15
Benzene		8.6	D	1.9	ug/m3	TO-15
n-Heptane		0.47	J D M	0.61	ppb v/v	TO-15
n-Heptane		1.9	J D M	2.5	ug/m3	TO-15
Trichloroethene		16	D	0.61	ppb v/v	TO-15
Trichloroethene		87	D	3.3	ug/m3	TO-15
Toluene		58	D	0.61	ppb v/v	TO-15
Toluene		220	D	2.3	ug/m3	TO-15
Tetrachloroethene		0.52	J D	0.61	ppb v/v	TO-15
Tetrachloroethene		3.5	J D	4.1	ug/m3	TO-15
Ethylbenzene		38	D	0.61	ppb v/v	TO-15
Ethylbenzene		170	D	2.6	ug/m3	TO-15
m,p-Xylene		130	D	1.5	ppb v/v	TO-15
m,p-Xylene		560	D	6.6	ug/m3	TO-15
Xylene, o-		28	D	0.61	ppb v/v	TO-15
Xylene, o-		120	D	2.6	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene (total)		160		0.61	ppb v/v	TO-15
Xylene (total)		690		2.6	ug/m3	TO-15
Cumene		0.27	J D M	0.61	ppb v/v	TO-15
Cumene		1.3	J D M	3.0	ug/m3	TO-15
4-Ethyltoluene		0.27	J D	0.61	ppb v/v	TO-15
4-Ethyltoluene		1.3	J D	3.0	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.30	J D	0.61	ppb v/v	TO-15
1,3,5-Trimethylbenzene		1.5	J D	3.0	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.55	J D	0.61	ppb v/v	TO-15
1,2,4-Trimethylbenzene		2.7	J D	3.0	ug/m3	TO-15
280-64806-7	**101IA0305FA**					
n-Butane		12	D	7.5	ppb v/v	TO-15
n-Butane		28	D	18	ug/m3	TO-15
Acetone		410	D	75	ppb v/v	TO-15
Acetone		970	D	180	ug/m3	TO-15
Isopropyl alcohol		140	D	75	ppb v/v	TO-15
Isopropyl alcohol		350	D	180	ug/m3	TO-15
Methylene Chloride		3.1	J D	7.5	ppb v/v	TO-15
Methylene Chloride		11	J D	26	ug/m3	TO-15
Benzene		0.61	J D	3.0	ppb v/v	TO-15
Benzene		2.0	J D	9.5	ug/m3	TO-15
Toluene		13	D	3.0	ppb v/v	TO-15
Toluene		48	D	11	ug/m3	TO-15
Ethylbenzene		0.62	J D	3.0	ppb v/v	TO-15
Ethylbenzene		2.7	J D	13	ug/m3	TO-15
m,p-Xylene		1.9	J D	7.5	ppb v/v	TO-15
m,p-Xylene		8.0	J D	32	ug/m3	TO-15
Xylene, o-		0.61	J D	3.0	ppb v/v	TO-15
Xylene, o-		2.6	J D	13	ug/m3	TO-15
Xylene (total)		2.5	J	3.0	ppb v/v	TO-15
Xylene (total)		11	J	13	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.87	J D	3.0	ppb v/v	TO-15
1,2,4-Trimethylbenzene		4.3	J D	15	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-8	**101IA0405FA**					
Dichlorodifluoromethane		0.54	J D	1.3	ppb v/v	TO-15
Dichlorodifluoromethane		2.7	J D	6.2	ug/m3	TO-15
Freon 22		0.30	J D	1.3	ppb v/v	TO-15
Freon 22		1.1	J D	4.4	ug/m3	TO-15
n-Butane		2.0	D	1.3	ppb v/v	TO-15
n-Butane		4.7	D	3.0	ug/m3	TO-15
Trichlorofluoromethane		0.40	J D	0.50	ppb v/v	TO-15
Trichlorofluoromethane		2.2	J D	2.8	ug/m3	TO-15
Acetone		60	D	13	ppb v/v	TO-15
Acetone		140	D	30	ug/m3	TO-15
Isopropyl alcohol		18	D	13	ppb v/v	TO-15
Isopropyl alcohol		44	D	31	ug/m3	TO-15
Methylene Chloride		0.53	J D	1.3	ppb v/v	TO-15
Methylene Chloride		1.8	J D	4.3	ug/m3	TO-15
Methyl Ethyl Ketone		1.8	D	1.3	ppb v/v	TO-15
Methyl Ethyl Ketone		5.2	D	3.7	ug/m3	TO-15
Carbon tetrachloride		0.074	J D	0.50	ppb v/v	TO-15
Carbon tetrachloride		0.47	J D	3.1	ug/m3	TO-15
Benzene		0.25	J D	0.50	ppb v/v	TO-15
Benzene		0.79	J D	1.6	ug/m3	TO-15
Toluene		1.8	D	0.50	ppb v/v	TO-15
Toluene		6.7	D	1.9	ug/m3	TO-15
Ethylbenzene		0.11	J D	0.50	ppb v/v	TO-15
Ethylbenzene		0.49	J D	2.2	ug/m3	TO-15
m,p-Xylene		0.36	J D M	1.3	ppb v/v	TO-15
m,p-Xylene		1.6	J D M	5.4	ug/m3	TO-15
Xylene, o-		0.15	J D	0.50	ppb v/v	TO-15
Xylene, o-		0.64	J D	2.2	ug/m3	TO-15
Xylene (total)		0.51		0.50	ppb v/v	TO-15
Xylene (total)		2.2		2.2	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.13	J D	0.50	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.66	J D	2.5	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-9	**101OA0305FA**					
Dichlorodifluoromethane		0.53		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.6		2.5	ug/m3	TO-15
Freon 22		0.25	J	0.50	ppb v/v	TO-15
Freon 22		0.87	J	1.8	ug/m3	TO-15
Chloromethane		0.53		0.50	ppb v/v	TO-15
Chloromethane		1.1		1.0	ug/m3	TO-15
n-Butane		0.78		0.50	ppb v/v	TO-15
n-Butane		1.8		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.22		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3		1.1	ug/m3	TO-15
Freon TF		0.060	J	0.20	ppb v/v	TO-15
Freon TF		0.46	J	1.5	ug/m3	TO-15
Acetone		5.2		5.0	ppb v/v	TO-15
Acetone		12		12	ug/m3	TO-15
Isopropyl alcohol		0.50	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		1.2	J	12	ug/m3	TO-15
Methylene Chloride		0.29	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.99	J	1.7	ug/m3	TO-15
Carbon tetrachloride		0.070	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.44	J	1.3	ug/m3	TO-15
Benzene		0.21		0.20	ppb v/v	TO-15
Benzene		0.66		0.64	ug/m3	TO-15
Toluene		0.32		0.20	ppb v/v	TO-15
Toluene		1.2		0.75	ug/m3	TO-15
Ethylbenzene		0.032	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.14	J	0.87	ug/m3	TO-15
m,p-Xylene		0.090	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.39	J	2.2	ug/m3	TO-15
Xylene (total)		0.090	J	0.20	ppb v/v	TO-15
Xylene (total)		0.39	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-10	**101CA01FA**					
Dichlorodifluoromethane		0.76		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.7		2.5	ug/m3	TO-15
Freon 22		0.56		0.50	ppb v/v	TO-15
Freon 22		2.0		1.8	ug/m3	TO-15
Chloromethane		0.36	J	0.50	ppb v/v	TO-15
Chloromethane		0.74	J	1.0	ug/m3	TO-15
n-Butane		1.3		0.50	ppb v/v	TO-15
n-Butane		3.2		1.2	ug/m3	TO-15
Chloroethane		0.065	J	0.50	ppb v/v	TO-15
Chloroethane		0.17	J	1.3	ug/m3	TO-15
Trichlorofluoromethane		0.79		0.20	ppb v/v	TO-15
Trichlorofluoromethane		4.4		1.1	ug/m3	TO-15
Freon TF		0.14	J	0.20	ppb v/v	TO-15
Freon TF		1.1	J	1.5	ug/m3	TO-15
Acetone		29		5.0	ppb v/v	TO-15
Acetone		68		12	ug/m3	TO-15
Isopropyl alcohol		6.4		5.0	ppb v/v	TO-15
Isopropyl alcohol		16		12	ug/m3	TO-15
Carbon disulfide		3.6		0.50	ppb v/v	TO-15
Carbon disulfide		11		1.6	ug/m3	TO-15
Methylene Chloride		0.18	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.61	J	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.40	J	5.0	ppb v/v	TO-15
tert-Butyl alcohol		1.2	J	15	ug/m3	TO-15
n-Hexane		0.089	J	0.20	ppb v/v	TO-15
n-Hexane		0.31	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.4		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		4.0		1.5	ug/m3	TO-15
Chloroform		19		0.20	ppb v/v	TO-15
Chloroform		95		0.98	ug/m3	TO-15
Tetrahydrofuran		0.25	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		0.73	J	15	ug/m3	TO-15
1,1,1-Trichloroethane		0.31		0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		1.7		1.1	ug/m3	TO-15
Carbon tetrachloride		0.41		0.20	ppb v/v	TO-15
Carbon tetrachloride		2.6		1.3	ug/m3	TO-15
Benzene		0.13	J M	0.20	ppb v/v	TO-15
Benzene		0.41	J M	0.64	ug/m3	TO-15
Trichloroethene		9.0		0.20	ppb v/v	TO-15
Trichloroethene		48		1.1	ug/m3	TO-15
Bromodichloromethane		0.17	J	0.20	ppb v/v	TO-15
Bromodichloromethane		1.2	J	1.3	ug/m3	TO-15
methyl isobutyl ketone		0.21	J	0.50	ppb v/v	TO-15
methyl isobutyl ketone		0.84	J	2.0	ug/m3	TO-15
Toluene		0.89		0.20	ppb v/v	TO-15
Toluene		3.3		0.75	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Tetrachloroethene		1.5		0.20	ppb v/v	TO-15
Tetrachloroethene		10		1.4	ug/m3	TO-15
Ethylbenzene		0.085	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.37	J	0.87	ug/m3	TO-15
m,p-Xylene		0.31	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.3	J	2.2	ug/m3	TO-15
Xylene, o-		0.12	J	0.20	ppb v/v	TO-15
Xylene, o-		0.51	J	0.87	ug/m3	TO-15
Xylene (total)		0.43		0.20	ppb v/v	TO-15
Xylene (total)		1.9		0.87	ug/m3	TO-15
Styrene		0.069	J	0.20	ppb v/v	TO-15
Styrene		0.29	J	0.85	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.20		0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.97		0.98	ug/m3	TO-15
4-Isopropyltoluene		0.11	J	0.20	ppb v/v	TO-15
4-Isopropyltoluene		0.58	J	1.1	ug/m3	TO-15
Naphthalene		0.21	J	0.50	ppb v/v	TO-15
Naphthalene		1.1	J	2.6	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-11	**774VMP0101MA**					
Dichlorodifluoromethane		0.51		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5		2.5	ug/m3	TO-15
Freon 22		1.4		0.50	ppb v/v	TO-15
Freon 22		5.1		1.8	ug/m3	TO-15
Chloromethane		0.61		0.50	ppb v/v	TO-15
Chloromethane		1.3		1.0	ug/m3	TO-15
n-Butane		0.80		0.50	ppb v/v	TO-15
n-Butane		1.9		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.29		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.6		1.1	ug/m3	TO-15
Freon TF		0.13	J M	0.20	ppb v/v	TO-15
Freon TF		0.97	J M	1.5	ug/m3	TO-15
Acetone		27		5.0	ppb v/v	TO-15
Acetone		64		12	ug/m3	TO-15
Isopropyl alcohol		5.4		5.0	ppb v/v	TO-15
Isopropyl alcohol		13		12	ug/m3	TO-15
Carbon disulfide		0.29	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.89	J	1.6	ug/m3	TO-15
Methylene Chloride		0.36	J	0.50	ppb v/v	TO-15
Methylene Chloride		1.3	J	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.32	J	5.0	ppb v/v	TO-15
tert-Butyl alcohol		0.96	J	15	ug/m3	TO-15
n-Hexane		0.14	J M	0.20	ppb v/v	TO-15
n-Hexane		0.51	J M	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		2.5		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		7.2		1.5	ug/m3	TO-15
Tetrahydrofuran		0.25	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		0.75	J	15	ug/m3	TO-15
1,1,1-Trichloroethane		0.037	J	0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		0.20	J	1.1	ug/m3	TO-15
Cyclohexane		0.31		0.20	ppb v/v	TO-15
Cyclohexane		1.1		0.69	ug/m3	TO-15
Carbon tetrachloride		0.090	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.57	J	1.3	ug/m3	TO-15
Benzene		0.28		0.20	ppb v/v	TO-15
Benzene		0.89		0.64	ug/m3	TO-15
n-Heptane		0.11	J M	0.20	ppb v/v	TO-15
n-Heptane		0.44	J M	0.82	ug/m3	TO-15
Trichloroethene		0.13	J	0.20	ppb v/v	TO-15
Trichloroethene		0.71	J	1.1	ug/m3	TO-15
methyl isobutyl ketone		0.29	J	0.50	ppb v/v	TO-15
methyl isobutyl ketone		1.2	J	2.0	ug/m3	TO-15
Toluene		0.27		0.20	ppb v/v	TO-15
Toluene		1.0		0.75	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		0.30	J	0.50	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		1.2	J	2.0	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Ethylbenzene		0.057	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.25	J	0.87	ug/m3	TO-15
m,p-Xylene		0.13	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.56	J	2.2	ug/m3	TO-15
Xylene, o-		0.063	J	0.20	ppb v/v	TO-15
Xylene, o-		0.27	J	0.87	ug/m3	TO-15
Xylene (total)		0.19	J	0.20	ppb v/v	TO-15
Xylene (total)		0.84	J	0.87	ug/m3	TO-15
Styrene		0.029	J	0.20	ppb v/v	TO-15
Styrene		0.12	J	0.85	ug/m3	TO-15
4-Ethyltoluene		0.029	J M	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.14	J M	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.071	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.35	J	0.98	ug/m3	TO-15
1,4-Dichlorobenzene		0.028	J	0.20	ppb v/v	TO-15
1,4-Dichlorobenzene		0.17	J	1.2	ug/m3	TO-15
1,2,4-Trichlorobenzene		0.037	J	0.50	ppb v/v	TO-15
1,2,4-Trichlorobenzene		0.27	J	3.7	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-12	**774VMP0201MA**					
Dichlorodifluoromethane		0.52		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.6		2.5	ug/m3	TO-15
Chloromethane		0.55		0.50	ppb v/v	TO-15
Chloromethane		1.1		1.0	ug/m3	TO-15
n-Butane		1.4		0.50	ppb v/v	TO-15
n-Butane		3.4		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.33		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.9		1.1	ug/m3	TO-15
Freon TF		0.11	J	0.20	ppb v/v	TO-15
Freon TF		0.82	J	1.5	ug/m3	TO-15
Acetone		7.0		5.0	ppb v/v	TO-15
Acetone		17		12	ug/m3	TO-15
Isopropyl alcohol		3.8	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		9.3	J	12	ug/m3	TO-15
Methylene Chloride		0.21	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.72	J	1.7	ug/m3	TO-15
n-Hexane		0.16	J	0.20	ppb v/v	TO-15
n-Hexane		0.55	J	0.70	ug/m3	TO-15
Chloroform		0.047	J M	0.20	ppb v/v	TO-15
Chloroform		0.23	J M	0.98	ug/m3	TO-15
Cyclohexane		0.28		0.20	ppb v/v	TO-15
Cyclohexane		0.98		0.69	ug/m3	TO-15
Carbon tetrachloride		0.086	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.54	J	1.3	ug/m3	TO-15
Benzene		0.23		0.20	ppb v/v	TO-15
Benzene		0.74		0.64	ug/m3	TO-15
n-Heptane		0.093	J	0.20	ppb v/v	TO-15
n-Heptane		0.38	J	0.82	ug/m3	TO-15
Trichloroethene		0.055	J M	0.20	ppb v/v	TO-15
Trichloroethene		0.29	J M	1.1	ug/m3	TO-15
Toluene		0.24		0.20	ppb v/v	TO-15
Toluene		0.91		0.75	ug/m3	TO-15
Ethylbenzene		0.050	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.22	J	0.87	ug/m3	TO-15
m,p-Xylene		0.13	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.57	J	2.2	ug/m3	TO-15
Xylene, o-		0.047	J	0.20	ppb v/v	TO-15
Xylene, o-		0.20	J	0.87	ug/m3	TO-15
Xylene (total)		0.18	J	0.20	ppb v/v	TO-15
Xylene (total)		0.77	J	0.87	ug/m3	TO-15
Styrene		0.018	J	0.20	ppb v/v	TO-15
Styrene		0.078	J	0.85	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.023	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.11	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.057	J M	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.28	J M	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-13	**774VMP0301MA**					
Dichlorodifluoromethane		0.60	J D	2.0	ppb v/v	TO-15
Dichlorodifluoromethane		3.0	J D	9.9	ug/m3	TO-15
Freon 22		0.89	J D	2.0	ppb v/v	TO-15
Freon 22		3.1	J D	7.1	ug/m3	TO-15
Chloromethane		0.61	J D	2.0	ppb v/v	TO-15
Chloromethane		1.3	J D	4.1	ug/m3	TO-15
n-Butane		0.90	J D	2.0	ppb v/v	TO-15
n-Butane		2.1	J D	4.8	ug/m3	TO-15
Trichlorofluoromethane		1.5	D	0.80	ppb v/v	TO-15
Trichlorofluoromethane		8.5	D	4.5	ug/m3	TO-15
Acetone		3.4	J D	20	ppb v/v	TO-15
Acetone		8.0	J D	48	ug/m3	TO-15
Isopropyl alcohol		1.2	J D	20	ppb v/v	TO-15
Isopropyl alcohol		3.0	J D	49	ug/m3	TO-15
Methylene Chloride		0.49	J D	2.0	ppb v/v	TO-15
Methylene Chloride		1.7	J D	6.9	ug/m3	TO-15
Cyclohexane		0.13	J D	0.80	ppb v/v	TO-15
Cyclohexane		0.44	J D	2.8	ug/m3	TO-15
Benzene		0.44	J D	0.80	ppb v/v	TO-15
Benzene		1.4	J D	2.6	ug/m3	TO-15
Toluene		0.18	J D	0.80	ppb v/v	TO-15
Toluene		0.68	J D	3.0	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-14	**776VMP0101MC**					
Dichlorodifluoromethane		0.50		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5		2.5	ug/m3	TO-15
Freon 22		1.3		0.50	ppb v/v	TO-15
Freon 22		4.5		1.8	ug/m3	TO-15
Chloromethane		0.28	J M	0.50	ppb v/v	TO-15
Chloromethane		0.58	J M	1.0	ug/m3	TO-15
n-Butane		0.84		0.50	ppb v/v	TO-15
n-Butane		2.0		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.23	M	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3	M	1.1	ug/m3	TO-15
Freon TF		0.061	J	0.20	ppb v/v	TO-15
Freon TF		0.47	J	1.5	ug/m3	TO-15
Acetone		4.8	J	5.0	ppb v/v	TO-15
Acetone		11	J	12	ug/m3	TO-15
Isopropyl alcohol		7.3		5.0	ppb v/v	TO-15
Isopropyl alcohol		18		12	ug/m3	TO-15
Methylene Chloride		0.20	J M	0.50	ppb v/v	TO-15
Methylene Chloride		0.69	J M	1.7	ug/m3	TO-15
n-Hexane		0.16	J	0.20	ppb v/v	TO-15
n-Hexane		0.56	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.73		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.1		1.5	ug/m3	TO-15
Tetrahydrofuran		0.67	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		2.0	J	15	ug/m3	TO-15
Cyclohexane		0.11	J M	0.20	ppb v/v	TO-15
Cyclohexane		0.38	J M	0.69	ug/m3	TO-15
Carbon tetrachloride		0.081	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.51	J	1.3	ug/m3	TO-15
Benzene		0.24	M	0.20	ppb v/v	TO-15
Benzene		0.75	M	0.64	ug/m3	TO-15
Toluene		0.92		0.20	ppb v/v	TO-15
Toluene		3.5		0.75	ug/m3	TO-15
Ethylbenzene		0.22		0.20	ppb v/v	TO-15
Ethylbenzene		0.95		0.87	ug/m3	TO-15
m,p-Xylene		0.92		0.50	ppb v/v	TO-15
m,p-Xylene		4.0		2.2	ug/m3	TO-15
Xylene, o-		0.31		0.20	ppb v/v	TO-15
Xylene, o-		1.3		0.87	ug/m3	TO-15
Xylene (total)		1.2		0.20	ppb v/v	TO-15
Xylene (total)		5.3		0.87	ug/m3	TO-15
Styrene		0.070	J M	0.20	ppb v/v	TO-15
Styrene		0.30	J M	0.85	ug/m3	TO-15
4-Ethyltoluene		0.067	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.33	J	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.081	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.40	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
1,2,4-Trimethylbenzene		0.27		0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.3		0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-15	**776VMP0101MA**					
Dichlorodifluoromethane		0.54		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.7		2.5	ug/m3	TO-15
Freon 22		1.4		0.50	ppb v/v	TO-15
Freon 22		4.9		1.8	ug/m3	TO-15
Chloromethane		0.37	J M	0.50	ppb v/v	TO-15
Chloromethane		0.76	J M	1.0	ug/m3	TO-15
n-Butane		0.89		0.50	ppb v/v	TO-15
n-Butane		2.1		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.21	M	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.2	M	1.1	ug/m3	TO-15
Freon TF		0.056	J	0.20	ppb v/v	TO-15
Freon TF		0.43	J	1.5	ug/m3	TO-15
Acetone		9.0		5.0	ppb v/v	TO-15
Acetone		21		12	ug/m3	TO-15
Isopropyl alcohol		5.5		5.0	ppb v/v	TO-15
Isopropyl alcohol		13		12	ug/m3	TO-15
Carbon disulfide		1.5		0.50	ppb v/v	TO-15
Carbon disulfide		4.8		1.6	ug/m3	TO-15
Methylene Chloride		0.20	J M	0.50	ppb v/v	TO-15
Methylene Chloride		0.71	J M	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.31	J M	5.0	ppb v/v	TO-15
tert-Butyl alcohol		0.95	J M	15	ug/m3	TO-15
n-Hexane		0.20		0.20	ppb v/v	TO-15
n-Hexane		0.72		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		3.0		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		8.9		1.5	ug/m3	TO-15
Tetrahydrofuran		1.0	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		3.0	J	15	ug/m3	TO-15
Cyclohexane		0.14	J M	0.20	ppb v/v	TO-15
Cyclohexane		0.47	J M	0.69	ug/m3	TO-15
Carbon tetrachloride		0.068	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.43	J	1.3	ug/m3	TO-15
Benzene		0.26		0.20	ppb v/v	TO-15
Benzene		0.82		0.64	ug/m3	TO-15
n-Heptane		0.18	J M	0.20	ppb v/v	TO-15
n-Heptane		0.72	J M	0.82	ug/m3	TO-15
Trichloroethene		0.053	J M	0.20	ppb v/v	TO-15
Trichloroethene		0.29	J M	1.1	ug/m3	TO-15
1,4-Dioxane		0.27	J	5.0	ppb v/v	TO-15
1,4-Dioxane		0.99	J	18	ug/m3	TO-15
methyl isobutyl ketone		0.22	J	0.50	ppb v/v	TO-15
methyl isobutyl ketone		0.91	J	2.0	ug/m3	TO-15
Toluene		1.4		0.20	ppb v/v	TO-15
Toluene		5.2		0.75	ug/m3	TO-15
Ethylbenzene		0.32		0.20	ppb v/v	TO-15
Ethylbenzene		1.4		0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
m,p-Xylene		1.1		0.50	ppb v/v	TO-15
m,p-Xylene		4.9		2.2	ug/m3	TO-15
Xylene, o-		0.34		0.20	ppb v/v	TO-15
Xylene, o-		1.5		0.87	ug/m3	TO-15
Xylene (total)		1.4		0.20	ppb v/v	TO-15
Xylene (total)		6.3		0.87	ug/m3	TO-15
Cumene		0.034	J	0.20	ppb v/v	TO-15
Cumene		0.17	J	0.98	ug/m3	TO-15
4-Ethyltoluene		0.11	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.55	J	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.081	J M	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.40	J M	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.26		0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.3		0.98	ug/m3	TO-15
4-Isopropyltoluene		0.30		0.20	ppb v/v	TO-15
4-Isopropyltoluene		1.7		1.1	ug/m3	TO-15
1,4-Dichlorobenzene		0.063	J	0.20	ppb v/v	TO-15
1,4-Dichlorobenzene		0.38	J	1.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-16	**776VMP0201MA**					
Dichlorodifluoromethane		0.53		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.6		2.5	ug/m3	TO-15
Freon 22		2.9		0.50	ppb v/v	TO-15
Freon 22		10		1.8	ug/m3	TO-15
Chloromethane		0.59		0.50	ppb v/v	TO-15
Chloromethane		1.2		1.0	ug/m3	TO-15
n-Butane		1.0		0.50	ppb v/v	TO-15
n-Butane		2.5		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.22	M	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.2	M	1.1	ug/m3	TO-15
Freon TF		0.070	J M	0.20	ppb v/v	TO-15
Freon TF		0.54	J M	1.5	ug/m3	TO-15
Acetone		3.7	J	5.0	ppb v/v	TO-15
Acetone		8.8	J	12	ug/m3	TO-15
Isopropyl alcohol		6.6		5.0	ppb v/v	TO-15
Isopropyl alcohol		16		12	ug/m3	TO-15
n-Hexane		0.091	J	0.20	ppb v/v	TO-15
n-Hexane		0.32	J	0.70	ug/m3	TO-15
Cyclohexane		0.21	M	0.20	ppb v/v	TO-15
Cyclohexane		0.72	M	0.69	ug/m3	TO-15
Carbon tetrachloride		0.094	J M	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.59	J M	1.3	ug/m3	TO-15
Benzene		0.23	M	0.20	ppb v/v	TO-15
Benzene		0.75	M	0.64	ug/m3	TO-15
1,2-Dichloroethane		0.055	J	0.20	ppb v/v	TO-15
1,2-Dichloroethane		0.22	J	0.81	ug/m3	TO-15
Trichloroethene		0.077	J M	0.20	ppb v/v	TO-15
Trichloroethene		0.42	J M	1.1	ug/m3	TO-15
Toluene		0.23		0.20	ppb v/v	TO-15
Toluene		0.85		0.75	ug/m3	TO-15
Ethylbenzene		0.092	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.40	J	0.87	ug/m3	TO-15
m,p-Xylene		0.25	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.1	J	2.2	ug/m3	TO-15
Xylene, o-		0.085	J M	0.20	ppb v/v	TO-15
Xylene, o-		0.37	J M	0.87	ug/m3	TO-15
Xylene (total)		0.34		0.20	ppb v/v	TO-15
Xylene (total)		1.5		0.87	ug/m3	TO-15
Styrene		0.16	J	0.20	ppb v/v	TO-15
Styrene		0.67	J	0.85	ug/m3	TO-15
4-Ethyltoluene		0.031	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.15	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.061	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.30	J	0.98	ug/m3	TO-15
Naphthalene		0.13	J	0.50	ppb v/v	TO-15
Naphthalene		0.68	J	2.6	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-17	**776VMP0301MA**					
Dichlorodifluoromethane		0.54		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.7		2.5	ug/m3	TO-15
Freon 22		2.6		0.50	ppb v/v	TO-15
Freon 22		9.2		1.8	ug/m3	TO-15
n-Butane		0.68		0.50	ppb v/v	TO-15
n-Butane		1.6		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.24	M	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3	M	1.1	ug/m3	TO-15
Freon TF		0.069	J	0.20	ppb v/v	TO-15
Freon TF		0.53	J	1.5	ug/m3	TO-15
Acetone		8.9		5.0	ppb v/v	TO-15
Acetone		21		12	ug/m3	TO-15
Isopropyl alcohol		8.2		5.0	ppb v/v	TO-15
Isopropyl alcohol		20		12	ug/m3	TO-15
Methyl Ethyl Ketone		2.0		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		5.9		1.5	ug/m3	TO-15
Cyclohexane		0.23	M	0.20	ppb v/v	TO-15
Cyclohexane		0.80	M	0.69	ug/m3	TO-15
Carbon tetrachloride		0.077	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.49	J	1.3	ug/m3	TO-15
Benzene		0.17	J	0.20	ppb v/v	TO-15
Benzene		0.54	J	0.64	ug/m3	TO-15
Trichloroethene		0.39	M	0.20	ppb v/v	TO-15
Trichloroethene		2.1	M	1.1	ug/m3	TO-15
Toluene		0.22	M	0.20	ppb v/v	TO-15
Toluene		0.82	M	0.75	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		0.21	J M	0.50	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		0.86	J M	2.0	ug/m3	TO-15
Ethylbenzene		0.068	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.30	J	0.87	ug/m3	TO-15
m,p-Xylene		0.17	J M	0.50	ppb v/v	TO-15
m,p-Xylene		0.72	J M	2.2	ug/m3	TO-15
Xylene, o-		0.080	J M	0.20	ppb v/v	TO-15
Xylene, o-		0.35	J M	0.87	ug/m3	TO-15
Xylene (total)		0.25		0.20	ppb v/v	TO-15
Xylene (total)		1.1		0.87	ug/m3	TO-15
Styrene		0.072	J	0.20	ppb v/v	TO-15
Styrene		0.31	J	0.85	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.050	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.25	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-18	**774IA1MA**					
Dichlorodifluoromethane		0.53		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.6		2.5	ug/m3	TO-15
Freon 22		0.57		0.50	ppb v/v	TO-15
Freon 22		2.0		1.8	ug/m3	TO-15
Chloromethane		0.55		0.50	ppb v/v	TO-15
Chloromethane		1.1		1.0	ug/m3	TO-15
n-Butane		0.88		0.50	ppb v/v	TO-15
n-Butane		2.1		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.39		0.20	ppb v/v	TO-15
Trichlorofluoromethane		2.2		1.1	ug/m3	TO-15
Freon TF		0.088	J	0.20	ppb v/v	TO-15
Freon TF		0.67	J	1.5	ug/m3	TO-15
Acetone		4.8	J	5.0	ppb v/v	TO-15
Acetone		11	J	12	ug/m3	TO-15
Isopropyl alcohol		0.66	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		1.6	J	12	ug/m3	TO-15
Methylene Chloride		0.25	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.88	J	1.7	ug/m3	TO-15
Methyl Ethyl Ketone		0.70		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.1		1.5	ug/m3	TO-15
Carbon tetrachloride		0.072	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.45	J	1.3	ug/m3	TO-15
Benzene		0.21		0.20	ppb v/v	TO-15
Benzene		0.68		0.64	ug/m3	TO-15
Toluene		0.15	J	0.20	ppb v/v	TO-15
Toluene		0.58	J	0.75	ug/m3	TO-15
Ethylbenzene		0.035	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.15	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-19	**774776OA1MA**					
Dichlorodifluoromethane		0.55		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.7		2.5	ug/m3	TO-15
Freon 22		0.24	J	0.50	ppb v/v	TO-15
Freon 22		0.86	J	1.8	ug/m3	TO-15
Chloromethane		0.53		0.50	ppb v/v	TO-15
Chloromethane		1.1		1.0	ug/m3	TO-15
n-Butane		0.58		0.50	ppb v/v	TO-15
n-Butane		1.4		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.24		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.069	J	0.20	ppb v/v	TO-15
Freon TF		0.53	J	1.5	ug/m3	TO-15
Methylene Chloride		0.24	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.82	J	1.7	ug/m3	TO-15
Carbon tetrachloride		0.072	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.45	J	1.3	ug/m3	TO-15
Benzene		0.20		0.20	ppb v/v	TO-15
Benzene		0.63		0.64	ug/m3	TO-15
Toluene		0.13	J	0.20	ppb v/v	TO-15
Toluene		0.49	J	0.75	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-20	**776IA1MA**					
Dichlorodifluoromethane		0.56		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.8		2.5	ug/m3	TO-15
Freon 22		2.8		0.50	ppb v/v	TO-15
Freon 22		10		1.8	ug/m3	TO-15
Chloromethane		0.63		0.50	ppb v/v	TO-15
Chloromethane		1.3		1.0	ug/m3	TO-15
n-Butane		1.0		0.50	ppb v/v	TO-15
n-Butane		2.5		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.24		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3		1.1	ug/m3	TO-15
Freon TF		0.061	J M	0.20	ppb v/v	TO-15
Freon TF		0.46	J M	1.5	ug/m3	TO-15
Acetone		9.1		5.0	ppb v/v	TO-15
Acetone		22		12	ug/m3	TO-15
Isopropyl alcohol		7.5		5.0	ppb v/v	TO-15
Isopropyl alcohol		18		12	ug/m3	TO-15
Methyl Ethyl Ketone		0.71		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.1		1.5	ug/m3	TO-15
Carbon tetrachloride		0.091	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.57	J	1.3	ug/m3	TO-15
Benzene		0.21		0.20	ppb v/v	TO-15
Benzene		0.67		0.64	ug/m3	TO-15
Trichloroethene		0.064	J	0.20	ppb v/v	TO-15
Trichloroethene		0.35	J	1.1	ug/m3	TO-15
Toluene		0.21		0.20	ppb v/v	TO-15
Toluene		0.80		0.75	ug/m3	TO-15
Ethylbenzene		0.057	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.25	J	0.87	ug/m3	TO-15
m,p-Xylene		0.12	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.54	J	2.2	ug/m3	TO-15
Xylene (total)		0.12	J	0.20	ppb v/v	TO-15
Xylene (total)		0.52	J	0.87	ug/m3	TO-15
Styrene		0.055	J	0.20	ppb v/v	TO-15
Styrene		0.23	J	0.85	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-21	**786VMP0202NA**					
Dichlorodifluoromethane		0.62		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.1		2.5	ug/m3	TO-15
Freon 22		0.29	J	0.50	ppb v/v	TO-15
Freon 22		1.0	J	1.8	ug/m3	TO-15
n-Butane		0.45	J	0.50	ppb v/v	TO-15
n-Butane		1.1	J	1.2	ug/m3	TO-15
Trichlorofluoromethane		0.23		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3		1.1	ug/m3	TO-15
Freon TF		0.089	J M	0.20	ppb v/v	TO-15
Freon TF		0.68	J M	1.5	ug/m3	TO-15
Acetone		2.3	J	5.0	ppb v/v	TO-15
Acetone		5.5	J	12	ug/m3	TO-15
Isopropyl alcohol		0.58	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		1.4	J	12	ug/m3	TO-15
Methylene Chloride		0.17	J M	0.50	ppb v/v	TO-15
Methylene Chloride		0.58	J M	1.7	ug/m3	TO-15
n-Hexane		0.045	J	0.20	ppb v/v	TO-15
n-Hexane		0.16	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.47	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.4	J	1.5	ug/m3	TO-15
Chloroform		0.78		0.20	ppb v/v	TO-15
Chloroform		3.8		0.98	ug/m3	TO-15
Tetrahydrofuran		0.44	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		1.3	J	15	ug/m3	TO-15
1,1,1-Trichloroethane		0.10	J	0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		0.55	J	1.1	ug/m3	TO-15
Carbon tetrachloride		0.051	J M	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.32	J M	1.3	ug/m3	TO-15
Benzene		0.20		0.20	ppb v/v	TO-15
Benzene		0.63		0.64	ug/m3	TO-15
n-Heptane		0.055	J	0.20	ppb v/v	TO-15
n-Heptane		0.23	J	0.82	ug/m3	TO-15
Trichloroethene		1.2		0.20	ppb v/v	TO-15
Trichloroethene		6.3		1.1	ug/m3	TO-15
Toluene		0.23		0.20	ppb v/v	TO-15
Toluene		0.87		0.75	ug/m3	TO-15
m,p-Xylene		0.074	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.32	J	2.2	ug/m3	TO-15
Xylene, o-		0.027	J	0.20	ppb v/v	TO-15
Xylene, o-		0.12	J	0.87	ug/m3	TO-15
Xylene (total)		0.10	J	0.20	ppb v/v	TO-15
Xylene (total)		0.44	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-22	**786VMP0302NA**					
Dichlorodifluoromethane		0.60		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.0		2.5	ug/m3	TO-15
Freon 22		0.29	J	0.50	ppb v/v	TO-15
Freon 22		1.0	J	1.8	ug/m3	TO-15
n-Butane		0.32	J	0.50	ppb v/v	TO-15
n-Butane		0.76	J	1.2	ug/m3	TO-15
Trichlorofluoromethane		0.26		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.085	J M	0.20	ppb v/v	TO-15
Freon TF		0.65	J M	1.5	ug/m3	TO-15
Acetone		3.3	J	5.0	ppb v/v	TO-15
Acetone		7.8	J	12	ug/m3	TO-15
Isopropyl alcohol		1.4	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		3.4	J	12	ug/m3	TO-15
Methylene Chloride		0.18	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.63	J	1.7	ug/m3	TO-15
n-Hexane		0.27		0.20	ppb v/v	TO-15
n-Hexane		0.96		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.70		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.1		1.5	ug/m3	TO-15
Tetrahydrofuran		0.43	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		1.3	J	15	ug/m3	TO-15
Carbon tetrachloride		0.077	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.49	J	1.3	ug/m3	TO-15
Benzene		0.22		0.20	ppb v/v	TO-15
Benzene		0.71		0.64	ug/m3	TO-15
n-Heptane		0.16	J M	0.20	ppb v/v	TO-15
n-Heptane		0.67	J M	0.82	ug/m3	TO-15
Trichloroethene		0.044	J M	0.20	ppb v/v	TO-15
Trichloroethene		0.24	J M	1.1	ug/m3	TO-15
Toluene		0.12	J	0.20	ppb v/v	TO-15
Toluene		0.44	J	0.75	ug/m3	TO-15
m,p-Xylene		0.097	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.42	J	2.2	ug/m3	TO-15
Xylene, o-		0.026	J	0.20	ppb v/v	TO-15
Xylene, o-		0.11	J	0.87	ug/m3	TO-15
Xylene (total)		0.12	J	0.20	ppb v/v	TO-15
Xylene (total)		0.53	J	0.87	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.078	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.38	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-23	**786VMP0102NA**					
Dichlorodifluoromethane		0.48	J	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.4	J	2.5	ug/m3	TO-15
Freon 22		0.19	J	0.50	ppb v/v	TO-15
Freon 22		0.68	J	1.8	ug/m3	TO-15
Freon TF		0.049	J	0.20	ppb v/v	TO-15
Freon TF		0.38	J	1.5	ug/m3	TO-15
Acetone		1.6	J M	5.0	ppb v/v	TO-15
Acetone		3.7	J M	12	ug/m3	TO-15
Isopropyl alcohol		0.88	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		2.2	J	12	ug/m3	TO-15
Benzene		0.14	J M	0.20	ppb v/v	TO-15
Benzene		0.43	J M	0.64	ug/m3	TO-15
Toluene		0.23		0.20	ppb v/v	TO-15
Toluene		0.85		0.75	ug/m3	TO-15
Ethylbenzene		0.054	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.24	J	0.87	ug/m3	TO-15
m,p-Xylene		0.16	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.69	J	2.2	ug/m3	TO-15
Xylene, o-		0.032	J	0.20	ppb v/v	TO-15
Xylene, o-		0.14	J	0.87	ug/m3	TO-15
Xylene (total)		0.19	J	0.20	ppb v/v	TO-15
Xylene (total)		0.83	J	0.87	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.098	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.48	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-24	**785IA14**					
Dichlorodifluoromethane		0.52		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.6		2.5	ug/m3	TO-15
Freon 22		0.24	J	0.50	ppb v/v	TO-15
Freon 22		0.84	J	1.8	ug/m3	TO-15
Chloromethane		0.52		0.50	ppb v/v	TO-15
Chloromethane		1.1		1.0	ug/m3	TO-15
n-Butane		2.5		0.50	ppb v/v	TO-15
n-Butane		5.9		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.22		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.2		1.1	ug/m3	TO-15
Freon TF		0.059	J	0.20	ppb v/v	TO-15
Freon TF		0.45	J	1.5	ug/m3	TO-15
Methylene Chloride		0.25	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.88	J	1.7	ug/m3	TO-15
n-Hexane		0.64		0.20	ppb v/v	TO-15
n-Hexane		2.2		0.70	ug/m3	TO-15
Carbon tetrachloride		0.075	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.47	J	1.3	ug/m3	TO-15
Benzene		0.20		0.20	ppb v/v	TO-15
Benzene		0.64		0.64	ug/m3	TO-15
Toluene		0.26		0.20	ppb v/v	TO-15
Toluene		0.97		0.75	ug/m3	TO-15
Ethylbenzene		0.048	J M	0.20	ppb v/v	TO-15
Ethylbenzene		0.21	J M	0.87	ug/m3	TO-15
m,p-Xylene		0.12	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.53	J	2.2	ug/m3	TO-15
Xylene, o-		0.046	J	0.20	ppb v/v	TO-15
Xylene, o-		0.20	J	0.87	ug/m3	TO-15
Xylene (total)		0.17	J	0.20	ppb v/v	TO-15
Xylene (total)		0.72	J	0.87	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.042	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.21	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-25	**786IA13**					
Dichlorodifluoromethane		0.60		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.0		2.5	ug/m3	TO-15
Freon 22		0.28	J	0.50	ppb v/v	TO-15
Freon 22		1.0	J	1.8	ug/m3	TO-15
Chloromethane		0.72		0.50	ppb v/v	TO-15
Chloromethane		1.5		1.0	ug/m3	TO-15
n-Butane		0.89		0.50	ppb v/v	TO-15
n-Butane		2.1		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.25		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.086	J M	0.20	ppb v/v	TO-15
Freon TF		0.66	J M	1.5	ug/m3	TO-15
Acetone		2.9	J	5.0	ppb v/v	TO-15
Acetone		6.8	J	12	ug/m3	TO-15
Carbon disulfide		0.21	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.66	J	1.6	ug/m3	TO-15
Methylene Chloride		0.20	J M	0.50	ppb v/v	TO-15
Methylene Chloride		0.70	J M	1.7	ug/m3	TO-15
n-Hexane		0.11	J	0.20	ppb v/v	TO-15
n-Hexane		0.37	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.36	J M	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.1	J M	1.5	ug/m3	TO-15
Carbon tetrachloride		0.087	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.55	J	1.3	ug/m3	TO-15
Benzene		0.16	J	0.20	ppb v/v	TO-15
Benzene		0.52	J	0.64	ug/m3	TO-15
n-Heptane		0.064	J	0.20	ppb v/v	TO-15
n-Heptane		0.26	J	0.82	ug/m3	TO-15
Toluene		0.14	J	0.20	ppb v/v	TO-15
Toluene		0.51	J	0.75	ug/m3	TO-15
Ethylbenzene		0.049	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.21	J	0.87	ug/m3	TO-15
m,p-Xylene		0.085	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.37	J	2.2	ug/m3	TO-15
Xylene, o-		0.031	J	0.20	ppb v/v	TO-15
Xylene, o-		0.14	J	0.87	ug/m3	TO-15
Xylene (total)		0.12	J	0.20	ppb v/v	TO-15
Xylene (total)		0.50	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-26	**785786OA10**					
Dichlorodifluoromethane		0.57		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.8		2.5	ug/m3	TO-15
Freon 22		0.26	J	0.50	ppb v/v	TO-15
Freon 22		0.93	J	1.8	ug/m3	TO-15
Chloromethane		0.61		0.50	ppb v/v	TO-15
Chloromethane		1.3		1.0	ug/m3	TO-15
n-Butane		0.54		0.50	ppb v/v	TO-15
n-Butane		1.3		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.23		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3		1.1	ug/m3	TO-15
Freon TF		0.063	J	0.20	ppb v/v	TO-15
Freon TF		0.49	J	1.5	ug/m3	TO-15
Carbon tetrachloride		0.080	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.50	J	1.3	ug/m3	TO-15
Benzene		0.16	J	0.20	ppb v/v	TO-15
Benzene		0.50	J	0.64	ug/m3	TO-15
Toluene		0.074	J	0.20	ppb v/v	TO-15
Toluene		0.28	J	0.75	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-27	**785VMP0202NA**					
Dichlorodifluoromethane		0.48	J	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.4	J	2.5	ug/m3	TO-15
Freon 22		0.21	J M	0.50	ppb v/v	TO-15
Freon 22		0.75	J M	1.8	ug/m3	TO-15
Chloromethane		1.0		0.50	ppb v/v	TO-15
Chloromethane		2.2		1.0	ug/m3	TO-15
Trichlorofluoromethane		0.22	M	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.2	M	1.1	ug/m3	TO-15
Freon TF		0.055	J	0.20	ppb v/v	TO-15
Freon TF		0.42	J	1.5	ug/m3	TO-15
Acetone		3.2	J	5.0	ppb v/v	TO-15
Acetone		7.7	J	12	ug/m3	TO-15
Carbon disulfide		0.21	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.65	J	1.6	ug/m3	TO-15
n-Hexane		0.21		0.20	ppb v/v	TO-15
n-Hexane		0.74		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.74		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.2		1.5	ug/m3	TO-15
Tetrahydrofuran		2.8	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		8.2	J	15	ug/m3	TO-15
Carbon tetrachloride		0.067	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.42	J	1.3	ug/m3	TO-15
Benzene		0.12	J M	0.20	ppb v/v	TO-15
Benzene		0.37	J M	0.64	ug/m3	TO-15
Trichloroethene		0.11	J M	0.20	ppb v/v	TO-15
Trichloroethene		0.60	J M	1.1	ug/m3	TO-15
Toluene		0.34	M	0.20	ppb v/v	TO-15
Toluene		1.3	M	0.75	ug/m3	TO-15
Ethylbenzene		0.098	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.42	J	0.87	ug/m3	TO-15
m,p-Xylene		0.26	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.1	J	2.2	ug/m3	TO-15
Xylene, o-		0.12	J M	0.20	ppb v/v	TO-15
Xylene, o-		0.53	J M	0.87	ug/m3	TO-15
Xylene (total)		0.38		0.20	ppb v/v	TO-15
Xylene (total)		1.7		0.87	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.15	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.72	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-28	**785VMP0501NA**					
Dichlorodifluoromethane		0.45	J D	2.3	ppb v/v	TO-15
Dichlorodifluoromethane		2.2	J D	11	ug/m3	TO-15
Acetone		23	D	23	ppb v/v	TO-15
Acetone		54	D	54	ug/m3	TO-15
Isopropyl alcohol		3.3	J D	23	ppb v/v	TO-15
Isopropyl alcohol		8.1	J D	56	ug/m3	TO-15
Methyl Ethyl Ketone		4.4	D	2.3	ppb v/v	TO-15
Methyl Ethyl Ketone		13	D	6.7	ug/m3	TO-15
Tetrahydrofuran		77	D	23	ppb v/v	TO-15
Tetrahydrofuran		230	D	67	ug/m3	TO-15
Benzene		1.0	D	0.91	ppb v/v	TO-15
Benzene		3.3	D	2.9	ug/m3	TO-15
Trichloroethene		7.6	D	0.91	ppb v/v	TO-15
Trichloroethene		41	D	4.9	ug/m3	TO-15
Toluene		3.9	D	0.91	ppb v/v	TO-15
Toluene		15	D	3.4	ug/m3	TO-15
Ethylbenzene		0.50	J D	0.91	ppb v/v	TO-15
Ethylbenzene		2.2	J D	4.0	ug/m3	TO-15
m,p-Xylene		1.4	J D M	2.3	ppb v/v	TO-15
m,p-Xylene		6.0	J D M	9.9	ug/m3	TO-15
Xylene, o-		0.49	J D	0.91	ppb v/v	TO-15
Xylene, o-		2.1	J D	4.0	ug/m3	TO-15
Xylene (total)		1.9		0.91	ppb v/v	TO-15
Xylene (total)		8.2		4.0	ug/m3	TO-15
Styrene		0.91	D	0.91	ppb v/v	TO-15
Styrene		3.9	D	3.9	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.22	J D	0.91	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.1	J D	4.5	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-29	**785VMP0401NA**					
Dichlorodifluoromethane		0.49	J	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.4	J	2.5	ug/m3	TO-15
Freon 22		0.23	J	0.50	ppb v/v	TO-15
Freon 22		0.82	J	1.8	ug/m3	TO-15
n-Butane		0.50	M	0.50	ppb v/v	TO-15
n-Butane		1.2	M	1.2	ug/m3	TO-15
Trichlorofluoromethane		0.20	M	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.1	M	1.1	ug/m3	TO-15
Freon TF		0.072	J	0.20	ppb v/v	TO-15
Freon TF		0.55	J	1.5	ug/m3	TO-15
Acetone		9.4		5.0	ppb v/v	TO-15
Acetone		22		12	ug/m3	TO-15
Carbon disulfide		0.51	M	0.50	ppb v/v	TO-15
Carbon disulfide		1.6	M	1.6	ug/m3	TO-15
Methylene Chloride		0.22	J M	0.50	ppb v/v	TO-15
Methylene Chloride		0.76	J M	1.7	ug/m3	TO-15
n-Hexane		0.29		0.20	ppb v/v	TO-15
n-Hexane		1.0		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		2.6		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		7.6		1.5	ug/m3	TO-15
Tetrahydrofuran		6.6		5.0	ppb v/v	TO-15
Tetrahydrofuran		19		15	ug/m3	TO-15
Carbon tetrachloride		0.072	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.46	J	1.3	ug/m3	TO-15
Benzene		0.20	M	0.20	ppb v/v	TO-15
Benzene		0.63	M	0.64	ug/m3	TO-15
Trichloroethene		0.22	M	0.20	ppb v/v	TO-15
Trichloroethene		1.2	M	1.1	ug/m3	TO-15
Toluene		0.50		0.20	ppb v/v	TO-15
Toluene		1.9		0.75	ug/m3	TO-15
Ethylbenzene		0.094	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.41	J	0.87	ug/m3	TO-15
m,p-Xylene		0.27	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.2	J	2.2	ug/m3	TO-15
Xylene, o-		0.11	J	0.20	ppb v/v	TO-15
Xylene, o-		0.48	J	0.87	ug/m3	TO-15
Xylene (total)		0.38		0.20	ppb v/v	TO-15
Xylene (total)		1.7		0.87	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.10	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.51	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-64806-30	**786VMP0202NC**					
Dichlorodifluoromethane		0.53		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.6		2.5	ug/m3	TO-15
Freon 22		0.24	J	0.50	ppb v/v	TO-15
Freon 22		0.85	J	1.8	ug/m3	TO-15
n-Butane		0.42	J	0.50	ppb v/v	TO-15
n-Butane		1.0	J	1.2	ug/m3	TO-15
Trichlorofluoromethane		0.19	J M	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.1	J M	1.1	ug/m3	TO-15
Freon TF		0.090	J M	0.20	ppb v/v	TO-15
Freon TF		0.69	J M	1.5	ug/m3	TO-15
Acetone		1.1	J	5.0	ppb v/v	TO-15
Acetone		2.7	J	12	ug/m3	TO-15
Isopropyl alcohol		0.50	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		1.2	J	12	ug/m3	TO-15
Methylene Chloride		0.19	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.65	J	1.7	ug/m3	TO-15
n-Hexane		0.091	J M	0.20	ppb v/v	TO-15
n-Hexane		0.32	J M	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.25	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.74	J	1.5	ug/m3	TO-15
Chloroform		0.70		0.20	ppb v/v	TO-15
Chloroform		3.4		0.98	ug/m3	TO-15
Tetrahydrofuran		0.28	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		0.84	J	15	ug/m3	TO-15
1,1,1-Trichloroethane		0.080	J	0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		0.44	J	1.1	ug/m3	TO-15
Carbon tetrachloride		0.047	J M	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.30	J M	1.3	ug/m3	TO-15
Benzene		0.18	J	0.20	ppb v/v	TO-15
Benzene		0.57	J	0.64	ug/m3	TO-15
n-Heptane		0.053	J	0.20	ppb v/v	TO-15
n-Heptane		0.22	J	0.82	ug/m3	TO-15
Trichloroethene		0.98		0.20	ppb v/v	TO-15
Trichloroethene		5.2		1.1	ug/m3	TO-15
Toluene		0.18	J	0.20	ppb v/v	TO-15
Toluene		0.67	J	0.75	ug/m3	TO-15
Ethylbenzene		0.037	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.16	J	0.87	ug/m3	TO-15
m,p-Xylene		0.091	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.39	J	2.2	ug/m3	TO-15
Xylene, o-		0.041	J	0.20	ppb v/v	TO-15
Xylene, o-		0.18	J	0.87	ug/m3	TO-15
Xylene (total)		0.13	J	0.20	ppb v/v	TO-15
Xylene (total)		0.57	J	0.87	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.033	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.16	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method

METHOD SUMMARY

Client: FPM Remediations Inc

Job Number: 280-64806-1

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method	Analyst	Analyst ID
EPA TO-15	Desjardins, William R	WRD
EPA TO-15	Lyons, Benjamin P	BPL

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774776CA01LA**

Lab Sample ID: 280-64806-1
Client Matrix: Air

Date Sampled: 01/20/2015 1345
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1359			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1359			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.90		0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.47	J	0.060	0.50
n-Butane	0.74		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	5.0		0.045	0.20
Freon TF	0.080	U	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	3.1	J	0.69	5.0
Isopropyl alcohol	0.98	J	0.15	5.0
Carbon disulfide	0.14	J	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.14	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.047	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.37		0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.33	M	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.16	J M	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	19		0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.058	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.12	J	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774776CA01LA**

Lab Sample ID: 280-64806-1
Client Matrix: Air

Date Sampled: 01/20/2015 1345
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1359			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1359			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.029	J	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.053	J	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	4.5		0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.96	J	0.12	1.0
n-Butane	1.7		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	28		0.25	1.1
Freon TF	0.61	U	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	7.3	J	1.6	12
Isopropyl alcohol	2.4	J	0.37	12
Carbon disulfide	0.44	J	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774776CA01LA**

Lab Sample ID: 280-64806-1
Client Matrix: Air

Date Sampled: 01/20/2015 1345
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1359			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1359			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.50	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.17	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	1.8		0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	1.8	M	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.53	J M	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	100		0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.22	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.84	J	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.13	J	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.26	J	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774776CA01LA**

Lab Sample ID: 280-64806-1
Client Matrix: Air

Date Sampled: 01/20/2015 1345
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1359			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1359			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785786CA01LA**

Lab Sample ID: 280-64806-2
Client Matrix: Air

Date Sampled: 01/20/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1449			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1449			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.61		0.056	0.50
Freon 22	0.30	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	1.5		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.26		0.045	0.20
Freon TF	0.086	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	5.9		0.69	5.0
Isopropyl alcohol	0.61	J	0.15	5.0
Carbon disulfide	0.55		0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	1.2		0.092	0.50
cis-1,2-Dichloroethene	0.090	J M	0.030	0.20
1,2-Dichloroethene, Total	0.090	J	0.053	0.20
Chloroform	0.14	J M	0.038	0.20
Tetrahydrofuran	0.21	J	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.070	J M	0.010	0.20
Carbon tetrachloride	0.072	J	0.011	0.20
2,2,4-Trimethylpentane	0.84		0.023	0.20
Benzene	0.13	J	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	13		0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.072	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.74		0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785786CA01LA**

Lab Sample ID: 280-64806-2
Client Matrix: Air

Date Sampled: 01/20/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1449			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1449			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.043	J	0.020	0.20
m,p-Xylene	0.093	J	0.025	0.50
Xylene, o-	0.031	J	0.018	0.20
Xylene (total)	0.12	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.050	J	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.13	J	0.027	0.20
4-Ethyltoluene	0.021	J	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U M	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.047	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0		0.28	2.5
Freon 22	1.0	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	3.6		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.5		0.25	1.1
Freon TF	0.66	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	14		1.6	12
Isopropyl alcohol	1.5	J	0.37	12
Carbon disulfide	1.7		0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785786CA01LA**

Lab Sample ID: 280-64806-2
Client Matrix: Air

Date Sampled: 01/20/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1449			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1449			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	3.7		0.27	1.5
cis-1,2-Dichloroethene	0.36	J M	0.12	0.79
1,2-Dichloroethene, Total	0.36	J	0.21	0.79
Chloroform	0.67	J M	0.19	0.98
Tetrahydrofuran	0.62	J	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.24	J M	0.034	0.69
Carbon tetrachloride	0.45	J	0.069	1.3
2,2,4-Trimethylpentane	3.9		0.11	0.93
Benzene	0.42	J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	72		0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.27	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	5.0		0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.19	J	0.087	0.87
m,p-Xylene	0.41	J	0.11	2.2
Xylene, o-	0.13	J	0.078	0.87
Xylene (total)	0.54	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.25	J	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.65	J	0.13	0.98
4-Ethyltoluene	0.10	J	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U M	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785786CA01LA**

Lab Sample ID: 280-64806-2
Client Matrix: Air

Date Sampled: 01/20/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1449			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1449			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.23	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0101FA**

Lab Sample ID: 280-64806-3
Client Matrix: Air

Date Sampled: 01/21/2015 1130
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_007.d
Dilution:	1.6			Initial Weight/Volume:	125 mL
Analysis Date:	01/29/2015 1538			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1538			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.57	J D	0.090	0.80
Freon 22	0.62	J D	0.13	0.80
1,2-Dichlorotetrafluoroethane	0.13	U	0.083	0.32
Chloromethane	0.47	J D	0.096	0.80
n-Butane	2.7	D	0.29	0.80
Vinyl chloride	0.048	U	0.042	0.32
1,3-Butadiene	0.13	U	0.058	0.32
Bromomethane	0.13	U	0.070	0.32
Chloroethane	0.13	U	0.098	0.80
Bromoethene(Vinyl Bromide)	0.048	U	0.032	0.32
Trichlorofluoromethane	0.90	D	0.072	0.32
Freon TF	0.096	J D	0.066	0.32
1,1-Dichloroethene	0.048	U	0.016	0.32
Acetone	37	D	1.1	8.0
Isopropyl alcohol	11	D	0.24	8.0
Carbon disulfide	0.65	J D	0.048	0.80
3-Chloropropene	0.32	U	0.26	0.80
Methylene Chloride	0.26	J D	0.19	0.80
tert-Butyl alcohol	0.32	U	0.19	8.0
Methyl tert-butyl ether	0.048	U	0.035	0.32
trans-1,2-Dichloroethene	0.048	U	0.043	0.32
n-Hexane	0.23	J D	0.045	0.32
1,1-Dichloroethane	0.048	U	0.045	0.32
Methyl Ethyl Ketone	23	D	0.15	0.80
cis-1,2-Dichloroethene	0.13	U	0.048	0.32
1,2-Dichloroethene, Total	0.13	U	0.085	0.32
Chloroform	28	D	0.061	0.32
Tetrahydrofuran	49	D	0.29	8.0
1,1,1-Trichloroethane	0.21	J D M	0.048	0.32
Cyclohexane	0.092	J D M	0.016	0.32
Carbon tetrachloride	0.13	J D	0.018	0.32
2,2,4-Trimethylpentane	0.078	J D	0.037	0.32
Benzene	0.26	J D	0.046	0.32
1,2-Dichloroethane	0.13	U	0.083	0.32
n-Heptane	0.14	J D M	0.059	0.32
Trichloroethene	11	D	0.048	0.32
Methyl methacrylate	0.32	U	0.15	0.80
1,2-Dichloropropane	0.13	U	0.056	0.32
1,4-Dioxane	0.32	U	0.26	8.0
Bromodichloromethane	0.11	J D M	0.046	0.32
cis-1,3-Dichloropropene	0.048	U	0.046	0.32
methyl isobutyl ketone	0.56	J D	0.29	0.80
Toluene	3.2	D	0.040	0.32
trans-1,3-Dichloropropene	0.048	U	0.042	0.32
1,1,2-Trichloroethane	0.13	U	0.059	0.32
Tetrachloroethene	0.048	U	0.048	0.32

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0101FA**

Lab Sample ID: 280-64806-3
Client Matrix: Air

Date Sampled: 01/21/2015 1130
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_007.d
Dilution:	1.6			Initial Weight/Volume:	125 mL
Analysis Date:	01/29/2015 1538			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1538			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.32	U	0.27	0.80
Dibromochloromethane	0.048	U	0.032	0.32
1,2-Dibromoethane	0.048	U	0.029	0.32
Chlorobenzene	0.048	U	0.029	0.32
Ethylbenzene	0.44	D	0.032	0.32
m,p-Xylene	1.7	D	0.040	0.80
Xylene, o-	0.70	D	0.029	0.32
Xylene (total)	2.4		0.066	0.32
Styrene	0.38	D	0.026	0.32
Bromoform	0.048	U	0.040	0.32
Cumene	0.078	J D	0.030	0.32
1,1,2,2-Tetrachloroethane	0.13	U	0.054	0.32
n-Propylbenzene	0.20	J D	0.043	0.32
4-Ethyltoluene	0.29	J D	0.032	0.32
1,3,5-Trimethylbenzene	0.26	J D	0.030	0.32
2-Chlorotoluene	0.13	U	0.050	0.32
tert-Butylbenzene	0.048	U	0.032	0.32
1,2,4-Trimethylbenzene	0.89	D	0.026	0.32
sec-Butylbenzene	0.048	U	0.034	0.32
4-Isopropyltoluene	0.048	U	0.032	0.32
1,3-Dichlorobenzene	0.048	U	0.032	0.32
1,4-Dichlorobenzene	0.048	U	0.030	0.32
Benzyl chloride	0.048	U	0.029	0.32
n-Butylbenzene	0.048	U	0.045	0.32
1,2-Dichlorobenzene	0.048	U	0.029	0.32
1,2,4-Trichlorobenzene	0.13	U	0.054	0.80
Hexachlorobutadiene	0.13	U	0.058	0.32
Naphthalene	0.11	J D	0.048	0.80

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8	J D	0.44	4.0
Freon 22	2.2	J D	0.45	2.8
1,2-Dichlorotetrafluoroethane	0.89	U	0.58	2.2
Chloromethane	0.97	J D	0.20	1.7
n-Butane	6.3	D	0.68	1.9
Vinyl chloride	0.12	U	0.11	0.82
1,3-Butadiene	0.28	U	0.13	0.71
Bromomethane	0.50	U	0.27	1.2
Chloroethane	0.34	U	0.26	2.1
Bromoethene(Vinyl Bromide)	0.21	U	0.14	1.4
Trichlorofluoromethane	5.1	D	0.40	1.8
Freon TF	0.74	J D	0.50	2.5
1,1-Dichloroethene	0.19	U	0.063	1.3
Acetone	88	D	2.6	19
Isopropyl alcohol	26	D	0.59	20
Carbon disulfide	2.0	J D	0.15	2.5

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0101FA**

Lab Sample ID: 280-64806-3
Client Matrix: Air

Date Sampled: 01/21/2015 1130
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_007.d
Dilution:	1.6			Initial Weight/Volume:	125 mL
Analysis Date:	01/29/2015 1538			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1538			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.0	U	0.80	2.5
Methylene Chloride	0.89	J D	0.67	2.8
tert-Butyl alcohol	0.97	U	0.58	24
Methyl tert-butyl ether	0.17	U	0.13	1.2
trans-1,2-Dichloroethene	0.19	U	0.17	1.3
n-Hexane	0.81	J D	0.16	1.1
1,1-Dichloroethane	0.19	U	0.18	1.3
Methyl Ethyl Ketone	68	D	0.43	2.4
cis-1,2-Dichloroethene	0.51	U	0.19	1.3
1,2-Dichloroethene, Total	0.51	U	0.34	1.3
Chloroform	140	D	0.30	1.6
Tetrahydrofuran	140	D	0.85	24
1,1,1-Trichloroethane	1.1	J D M	0.26	1.7
Cyclohexane	0.32	J D M	0.055	1.1
Carbon tetrachloride	0.83	J D	0.11	2.0
2,2,4-Trimethylpentane	0.36	J D	0.17	1.5
Benzene	0.84	J D	0.15	1.0
1,2-Dichloroethane	0.52	U	0.34	1.3
n-Heptane	0.56	J D M	0.24	1.3
Trichloroethene	60	D	0.26	1.7
Methyl methacrylate	1.3	U	0.63	3.3
1,2-Dichloropropane	0.59	U	0.26	1.5
1,4-Dioxane	1.2	U	0.92	29
Bromodichloromethane	0.71	J D M	0.31	2.1
cis-1,3-Dichloropropene	0.22	U	0.21	1.5
methyl isobutyl ketone	2.3	J D	1.2	3.3
Toluene	12	D	0.15	1.2
trans-1,3-Dichloropropene	0.22	U	0.19	1.5
1,1,2-Trichloroethane	0.70	U	0.32	1.7
Tetrachloroethene	0.33	U	0.33	2.2
Methyl Butyl Ketone (2-Hexanone)	1.3	U	1.1	3.3
Dibromochloromethane	0.41	U	0.27	2.7
1,2-Dibromoethane	0.37	U	0.22	2.5
Chlorobenzene	0.22	U	0.13	1.5
Ethylbenzene	1.9	D	0.14	1.4
m,p-Xylene	7.6	D	0.17	3.5
Xylene, o-	3.0	D	0.13	1.4
Xylene (total)	10		0.28	1.4
Styrene	1.6	D	0.11	1.4
Bromoform	0.50	U	0.41	3.3
Cumene	0.38	J D	0.15	1.6
1,1,2,2-Tetrachloroethane	0.88	U	0.37	2.2
n-Propylbenzene	0.97	J D	0.21	1.6
4-Ethyltoluene	1.4	J D	0.16	1.6
1,3,5-Trimethylbenzene	1.3	J D	0.15	1.6
2-Chlorotoluene	0.66	U	0.26	1.7

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0101FA**

Lab Sample ID: 280-64806-3
Client Matrix: Air

Date Sampled: 01/21/2015 1130
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_007.d
Dilution:	1.6			Initial Weight/Volume:	125 mL
Analysis Date:	01/29/2015 1538			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1538			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.26	U	0.18	1.8
1,2,4-Trimethylbenzene	4.4	D	0.13	1.6
sec-Butylbenzene	0.26	U	0.18	1.8
4-Isopropyltoluene	0.26	U	0.18	1.8
1,3-Dichlorobenzene	0.29	U	0.19	1.9
1,4-Dichlorobenzene	0.29	U	0.18	1.9
Benzyl chloride	0.25	U	0.15	1.7
n-Butylbenzene	0.26	U	0.25	1.8
1,2-Dichlorobenzene	0.29	U	0.17	1.9
1,2,4-Trichlorobenzene	0.95	U	0.40	5.9
Hexachlorobutadiene	1.4	U	0.61	3.4
Naphthalene	0.56	J D	0.25	4.2

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0201FA**

Lab Sample ID: 280-64806-4
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_008.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	01/30/2015 0747			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0747			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54	J D	0.11	1.0
Freon 22	0.60	J D	0.16	1.0
1,2-Dichlorotetrafluoroethane	0.16	U	0.10	0.40
Chloromethane	0.40	U	0.12	1.0
n-Butane	0.94	J D	0.36	1.0
Vinyl chloride	0.060	U	0.052	0.40
1,3-Butadiene	0.16	U	0.072	0.40
Bromomethane	0.16	U	0.088	0.40
Chloroethane	0.16	U	0.12	1.0
Bromoethene(Vinyl Bromide)	0.060	U	0.040	0.40
Trichlorofluoromethane	0.94	D	0.090	0.40
Freon TF	0.11	J D	0.082	0.40
1,1-Dichloroethene	0.060	U	0.020	0.40
Acetone	16	D	1.4	10
Isopropyl alcohol	9.1	J D	0.30	10
Carbon disulfide	1.6	D	0.060	1.0
3-Chloropropene	0.40	U	0.32	1.0
Methylene Chloride	0.40	U	0.24	1.0
tert-Butyl alcohol	0.76	J D	0.24	10
Methyl tert-butyl ether	0.060	U	0.044	0.40
trans-1,2-Dichloroethene	0.060	U	0.054	0.40
n-Hexane	0.30	J D	0.056	0.40
1,1-Dichloroethane	0.060	U	0.056	0.40
Methyl Ethyl Ketone	3.0	D	0.18	1.0
cis-1,2-Dichloroethene	0.16	U	0.060	0.40
1,2-Dichloroethene, Total	0.16	U	0.11	0.40
Chloroform	0.086	J D	0.076	0.40
Tetrahydrofuran	58	D	0.36	10
1,1,1-Trichloroethane	0.16	U	0.060	0.40
Cyclohexane	0.060	U	0.020	0.40
Carbon tetrachloride	0.14	J D	0.022	0.40
2,2,4-Trimethylpentane	0.15	J D	0.046	0.40
Benzene	2.3	D	0.058	0.40
1,2-Dichloroethane	0.16	U	0.10	0.40
n-Heptane	0.16	U	0.074	0.40
Trichloroethene	11	D	0.060	0.40
Methyl methacrylate	0.40	U	0.19	1.0
1,2-Dichloropropane	0.16	U	0.070	0.40
1,4-Dioxane	0.44	J D	0.32	10
Bromodichloromethane	0.060	U	0.058	0.40
cis-1,3-Dichloropropene	0.060	U	0.058	0.40
methyl isobutyl ketone	0.40	U	0.36	1.0
Toluene	30	D	0.050	0.40
trans-1,3-Dichloropropene	0.060	U	0.052	0.40
1,1,2-Trichloroethane	0.16	U	0.074	0.40
Tetrachloroethene	0.32	J D	0.060	0.40

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0201FA**

Lab Sample ID: 280-64806-4
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_008.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	01/30/2015 0747			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0747			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.40	U	0.34	1.0
Dibromochloromethane	0.060	U	0.040	0.40
1,2-Dibromoethane	0.060	U	0.036	0.40
Chlorobenzene	0.060	U	0.036	0.40
Ethylbenzene	9.7	D	0.040	0.40
m,p-Xylene	22	D	0.050	1.0
Xylene, o-	3.4	D	0.036	0.40
Xylene (total)	25		0.082	0.40
Styrene	0.060	U	0.032	0.40
Bromoform	0.060	U	0.050	0.40
Cumene	0.060	U	0.038	0.40
1,1,2,2-Tetrachloroethane	0.16	U	0.068	0.40
n-Propylbenzene	0.060	U	0.054	0.40
4-Ethyltoluene	0.057	J D	0.040	0.40
1,3,5-Trimethylbenzene	0.060	U	0.038	0.40
2-Chlorotoluene	0.16	U	0.062	0.40
tert-Butylbenzene	0.060	U	0.040	0.40
1,2,4-Trimethylbenzene	0.045	J D	0.032	0.40
sec-Butylbenzene	0.060	U	0.042	0.40
4-Isopropyltoluene	0.060	U	0.040	0.40
1,3-Dichlorobenzene	0.060	U	0.040	0.40
1,4-Dichlorobenzene	0.060	U	0.038	0.40
Benzyl chloride	0.060	U	0.036	0.40
n-Butylbenzene	0.060	U	0.056	0.40
1,2-Dichlorobenzene	0.060	U	0.036	0.40
1,2,4-Trichlorobenzene	0.069	J D	0.068	1.0
Hexachlorobutadiene	0.16	U	0.072	0.40
Naphthalene	0.16	U	0.060	1.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7	J D	0.55	4.9
Freon 22	2.1	J D	0.57	3.5
1,2-Dichlorotetrafluoroethane	1.1	U	0.73	2.8
Chloromethane	0.83	U	0.25	2.1
n-Butane	2.2	J D	0.86	2.4
Vinyl chloride	0.15	U	0.13	1.0
1,3-Butadiene	0.35	U	0.16	0.88
Bromomethane	0.62	U	0.34	1.6
Chloroethane	0.42	U	0.32	2.6
Bromoethene(Vinyl Bromide)	0.26	U	0.17	1.7
Trichlorofluoromethane	5.3	D	0.51	2.2
Freon TF	0.85	J D	0.63	3.1
1,1-Dichloroethene	0.24	U	0.079	1.6
Acetone	37	D	3.3	24
Isopropyl alcohol	22	J D	0.74	25
Carbon disulfide	4.9	D	0.19	3.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0201FA**

Lab Sample ID: 280-64806-4
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_008.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	01/30/2015 0747			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0747			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.3	U	1.0	3.1
Methylene Chloride	1.4	U	0.83	3.5
tert-Butyl alcohol	2.3	J D	0.73	30
Methyl tert-butyl ether	0.22	U	0.16	1.4
trans-1,2-Dichloroethene	0.24	U	0.21	1.6
n-Hexane	1.1	J D	0.20	1.4
1,1-Dichloroethane	0.24	U	0.23	1.6
Methyl Ethyl Ketone	8.8	D	0.54	2.9
cis-1,2-Dichloroethene	0.63	U	0.24	1.6
1,2-Dichloroethene, Total	0.63	U	0.42	1.6
Chloroform	0.42	J D	0.37	2.0
Tetrahydrofuran	170	D	1.1	29
1,1,1-Trichloroethane	0.87	U	0.33	2.2
Cyclohexane	0.21	U	0.069	1.4
Carbon tetrachloride	0.87	J D	0.14	2.5
2,2,4-Trimethylpentane	0.70	J D	0.21	1.9
Benzene	7.2	D	0.19	1.3
1,2-Dichloroethane	0.65	U	0.42	1.6
n-Heptane	0.66	U	0.30	1.6
Trichloroethene	58	D	0.32	2.1
Methyl methacrylate	1.6	U	0.79	4.1
1,2-Dichloropropane	0.74	U	0.32	1.8
1,4-Dioxane	1.6	J D	1.2	36
Bromodichloromethane	0.40	U	0.39	2.7
cis-1,3-Dichloropropene	0.27	U	0.26	1.8
methyl isobutyl ketone	1.6	U	1.5	4.1
Toluene	110	D	0.19	1.5
trans-1,3-Dichloropropene	0.27	U	0.24	1.8
1,1,2-Trichloroethane	0.87	U	0.40	2.2
Tetrachloroethene	2.1	J D	0.41	2.7
Methyl Butyl Ketone (2-Hexanone)	1.6	U	1.4	4.1
Dibromochloromethane	0.51	U	0.34	3.4
1,2-Dibromoethane	0.46	U	0.28	3.1
Chlorobenzene	0.28	U	0.17	1.8
Ethylbenzene	42	D	0.17	1.7
m,p-Xylene	96	D	0.22	4.3
Xylene, o-	15	D	0.16	1.7
Xylene (total)	110		0.36	1.7
Styrene	0.26	U	0.14	1.7
Bromoform	0.62	U	0.52	4.1
Cumene	0.29	U	0.19	2.0
1,1,2,2-Tetrachloroethane	1.1	U	0.47	2.7
n-Propylbenzene	0.29	U	0.27	2.0
4-Ethyltoluene	0.28	J D	0.20	2.0
1,3,5-Trimethylbenzene	0.29	U	0.19	2.0
2-Chlorotoluene	0.83	U	0.32	2.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0201FA**

Lab Sample ID: 280-64806-4
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_008.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	01/30/2015 0747			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0747			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.33	U	0.22	2.2
1,2,4-Trimethylbenzene	0.22	J D	0.16	2.0
sec-Butylbenzene	0.33	U	0.23	2.2
4-Isopropyltoluene	0.33	U	0.22	2.2
1,3-Dichlorobenzene	0.36	U	0.24	2.4
1,4-Dichlorobenzene	0.36	U	0.23	2.4
Benzyl chloride	0.31	U	0.19	2.1
n-Butylbenzene	0.33	U	0.31	2.2
1,2-Dichlorobenzene	0.36	U	0.22	2.4
1,2,4-Trichlorobenzene	0.51	J D	0.50	7.4
Hexachlorobutadiene	1.7	U	0.77	4.3
Naphthalene	0.84	U	0.31	5.2

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0301FA**

Lab Sample ID: 280-64806-5
Client Matrix: Air

Date Sampled: 01/21/2015 1125
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_009.d
Dilution:	49.7			Initial Weight/Volume:	46 mL
Analysis Date:	01/30/2015 0835			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0835			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	9.9	U	2.8	25
Freon 22	9.9	U	4.0	25
1,2-Dichlorotetrafluoroethane	4.0	U	2.6	9.9
Chloromethane	9.9	U	3.0	25
n-Butane	9.9	U	8.9	25
Vinyl chloride	1.5	U	1.3	9.9
1,3-Butadiene	4.0	U	1.8	9.9
Bromomethane	4.0	U	2.2	9.9
Chloroethane	4.0	U	3.0	25
Bromoethene(Vinyl Bromide)	1.5	U	0.99	9.9
Trichlorofluoromethane	4.0	U	2.2	9.9
Freon TF	4.0	U	2.0	9.9
1,1-Dichloroethene	1.5	U	0.50	9.9
Acetone	190	J D	34	250
Isopropyl alcohol	16	J D	7.5	250
Carbon disulfide	4.5	J D	1.5	25
3-Chloropropene	9.9	U	8.0	25
Methylene Chloride	9.9	U	6.0	25
tert-Butyl alcohol	9.9	U	6.0	250
Methyl tert-butyl ether	1.5	U	1.1	9.9
trans-1,2-Dichloroethene	1.5	U	1.3	9.9
n-Hexane	1.5	U	1.4	9.9
1,1-Dichloroethane	1.5	U	1.4	9.9
Methyl Ethyl Ketone	210	D	4.6	25
cis-1,2-Dichloroethene	4.0	U	1.5	9.9
1,2-Dichloroethene, Total	4.0	U	2.6	9.9
Chloroform	4.0	U	1.9	9.9
Tetrahydrofuran	810	D	8.9	250
1,1,1-Trichloroethane	4.0	U	1.5	9.9
Cyclohexane	1.5	U	0.50	9.9
Carbon tetrachloride	1.5	U	0.55	9.9
2,2,4-Trimethylpentane	1.5	U	1.1	9.9
Benzene	1.5	U M	1.4	9.9
1,2-Dichloroethane	4.0	U	2.6	9.9
n-Heptane	4.0	U	1.8	9.9
Trichloroethene	3.7	J D M	1.5	9.9
Methyl methacrylate	9.9	U	4.8	25
1,2-Dichloropropane	4.0	U	1.7	9.9
1,4-Dioxane	9.9	U	8.0	250
Bromodichloromethane	1.5	U	1.4	9.9
cis-1,3-Dichloropropene	1.5	U	1.4	9.9
methyl isobutyl ketone	74	D	8.9	25
Toluene	290	D	1.2	9.9
trans-1,3-Dichloropropene	1.5	U	1.3	9.9
1,1,2-Trichloroethane	4.0	U	1.8	9.9
Tetrachloroethene	1.6	J D	1.5	9.9

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0301FA**

Lab Sample ID: 280-64806-5
Client Matrix: Air

Date Sampled: 01/21/2015 1125
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_009.d
Dilution:	49.7			Initial Weight/Volume:	46 mL
Analysis Date:	01/30/2015 0835			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0835			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	9.9	U	8.4	25
Dibromochloromethane	1.5	U	0.99	9.9
1,2-Dibromoethane	1.5	U	0.89	9.9
Chlorobenzene	1.5	U	0.89	9.9
Ethylbenzene	4.4	J D	0.99	9.9
m,p-Xylene	16	J D	1.2	25
Xylene, o-	4.9	J D	0.89	9.9
Xylene (total)	21		2.0	9.9
Styrene	1.9	J D M	0.80	9.9
Bromoform	1.5	U	1.2	9.9
Cumene	1.5	U	0.94	9.9
1,1,2,2-Tetrachloroethane	4.0	U	1.7	9.9
n-Propylbenzene	1.5	U	1.3	9.9
4-Ethyltoluene	1.5	U	0.99	9.9
1,3,5-Trimethylbenzene	1.5	U	0.94	9.9
2-Chlorotoluene	4.0	U	1.5	9.9
tert-Butylbenzene	1.5	U	0.99	9.9
1,2,4-Trimethylbenzene	1.5	U	0.80	9.9
sec-Butylbenzene	1.5	U	1.0	9.9
4-Isopropyltoluene	1.5	U	0.99	9.9
1,3-Dichlorobenzene	1.5	U	0.99	9.9
1,4-Dichlorobenzene	1.5	U	0.94	9.9
Benzyl chloride	1.5	U	0.89	9.9
n-Butylbenzene	1.5	U	1.4	9.9
1,2-Dichlorobenzene	1.5	U	0.89	9.9
1,2,4-Trichlorobenzene	4.0	U	1.7	25
Hexachlorobutadiene	4.0	U	1.8	9.9
Naphthalene	4.0	U	1.5	25

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	49	U	14	120
Freon 22	35	U	14	88
1,2-Dichlorotetrafluoroethane	28	U	18	69
Chloromethane	21	U	6.2	51
n-Butane	24	U	21	59
Vinyl chloride	3.8	U	3.3	25
1,3-Butadiene	8.8	U	4.0	22
Bromomethane	15	U	8.5	39
Chloroethane	10	U	8.0	66
Bromoethene(Vinyl Bromide)	6.5	U	4.3	43
Trichlorofluoromethane	22	U	13	56
Freon TF	30	U	16	76
1,1-Dichloroethene	5.9	U	2.0	39
Acetone	450	J D	81	590
Isopropyl alcohol	40	J D	18	610
Carbon disulfide	14	J D	4.6	77

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0301FA**

Lab Sample ID: 280-64806-5
Client Matrix: Air

Date Sampled: 01/21/2015 1125
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_009.d
Dilution:	49.7			Initial Weight/Volume:	46 mL
Analysis Date:	01/30/2015 0835			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0835			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	31	U	25	78
Methylene Chloride	35	U	21	86
tert-Butyl alcohol	30	U	18	750
Methyl tert-butyl ether	5.4	U	3.9	36
trans-1,2-Dichloroethene	5.9	U	5.3	39
n-Hexane	5.3	U	4.9	35
1,1-Dichloroethane	6.0	U	5.6	40
Methyl Ethyl Ketone	620	D	13	73
cis-1,2-Dichloroethene	16	U	5.9	39
1,2-Dichloroethene, Total	16	U	10	39
Chloroform	19	U	9.2	49
Tetrahydrofuran	2400	D	26	730
1,1,1-Trichloroethane	22	U	8.1	54
Cyclohexane	5.1	U	1.7	34
Carbon tetrachloride	9.4	U	3.4	63
2,2,4-Trimethylpentane	7.0	U	5.3	46
Benzene	4.8	U M	4.6	32
1,2-Dichloroethane	16	U	10	40
n-Heptane	16	U	7.5	41
Trichloroethene	20	J D M	8.0	53
Methyl methacrylate	41	U	20	100
1,2-Dichloropropane	18	U	8.0	46
1,4-Dioxane	36	U	29	900
Bromodichloromethane	10	U	9.7	67
cis-1,3-Dichloropropene	6.8	U	6.5	45
methyl isobutyl ketone	300	D	37	100
Toluene	1100	D	4.7	37
trans-1,3-Dichloropropene	6.8	U	5.9	45
1,1,2-Trichloroethane	22	U	10	54
Tetrachloroethene	11	J D	10	67
Methyl Butyl Ketone (2-Hexanone)	41	U	35	100
Dibromochloromethane	13	U	8.5	85
1,2-Dibromoethane	11	U	6.9	76
Chlorobenzene	6.9	U	4.1	46
Ethylbenzene	19	J D	4.3	43
m,p-Xylene	68	J D	5.4	110
Xylene, o-	21	J D	3.9	43
Xylene (total)	91		8.8	43
Styrene	8.1	J D M	3.4	42
Bromoform	15	U	13	100
Cumene	7.3	U	4.6	49
1,1,2,2-Tetrachloroethane	27	U	12	68
n-Propylbenzene	7.3	U	6.6	49
4-Ethyltoluene	7.3	U	4.9	49
1,3,5-Trimethylbenzene	7.3	U	4.6	49
2-Chlorotoluene	21	U	8.0	51

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0301FA**

Lab Sample ID: 280-64806-5
Client Matrix: Air

Date Sampled: 01/21/2015 1125
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_009.d
Dilution:	49.7			Initial Weight/Volume:	46 mL
Analysis Date:	01/30/2015 0835			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0835			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	8.2	U	5.5	55
1,2,4-Trimethylbenzene	7.3	U	3.9	49
sec-Butylbenzene	8.2	U	5.7	55
4-Isopropyltoluene	8.2	U	5.5	55
1,3-Dichlorobenzene	9.0	U	6.0	60
1,4-Dichlorobenzene	9.0	U	5.7	60
Benzyl chloride	7.7	U	4.6	51
n-Butylbenzene	8.2	U	7.6	55
1,2-Dichlorobenzene	9.0	U	5.4	60
1,2,4-Trichlorobenzene	30	U	13	180
Hexachlorobutadiene	42	U	19	110
Naphthalene	21	U	7.8	130

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0201FC**

Lab Sample ID: 280-64806-6
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_010.d
Dilution:	3.03			Initial Weight/Volume:	66 mL
Analysis Date:	01/30/2015 0923			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0923			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.62	J D	0.17	1.5
Freon 22	0.67	J D	0.24	1.5
1,2-Dichlorotetrafluoroethane	0.24	U	0.16	0.61
Chloromethane	0.61	U	0.18	1.5
n-Butane	0.73	J D	0.55	1.5
Vinyl chloride	0.091	U	0.079	0.61
1,3-Butadiene	0.24	U	0.11	0.61
Bromomethane	0.24	U	0.13	0.61
Chloroethane	0.24	U	0.18	1.5
Bromoethene(Vinyl Bromide)	0.091	U	0.061	0.61
Trichlorofluoromethane	1.0	D	0.14	0.61
Freon TF	0.24	U	0.12	0.61
1,1-Dichloroethene	0.091	U	0.030	0.61
Acetone	19	D	2.1	15
Isopropyl alcohol	8.6	J D	0.45	15
Carbon disulfide	3.5	D	0.091	1.5
3-Chloropropene	0.61	U	0.48	1.5
Methylene Chloride	0.45	J D M	0.36	1.5
tert-Butyl alcohol	0.92	J D	0.36	15
Methyl tert-butyl ether	0.091	U	0.067	0.61
trans-1,2-Dichloroethene	0.091	U	0.082	0.61
n-Hexane	0.27	J D	0.085	0.61
1,1-Dichloroethane	0.091	U	0.085	0.61
Methyl Ethyl Ketone	4.2	D	0.28	1.5
cis-1,2-Dichloroethene	0.24	U	0.091	0.61
1,2-Dichloroethene, Total	0.24	U	0.16	0.61
Chloroform	0.13	J D	0.12	0.61
Tetrahydrofuran	99	D	0.55	15
1,1,1-Trichloroethane	0.24	U	0.091	0.61
Cyclohexane	0.091	U	0.030	0.61
Carbon tetrachloride	0.16	J D	0.033	0.61
2,2,4-Trimethylpentane	0.15	J D	0.070	0.61
Benzene	2.7	D	0.088	0.61
1,2-Dichloroethane	0.24	U	0.16	0.61
n-Heptane	0.47	J D M	0.11	0.61
Trichloroethene	16	D	0.091	0.61
Methyl methacrylate	0.61	U	0.29	1.5
1,2-Dichloropropane	0.24	U	0.11	0.61
1,4-Dioxane	0.61	U	0.48	15
Bromodichloromethane	0.091	U	0.088	0.61
cis-1,3-Dichloropropene	0.091	U	0.088	0.61
methyl isobutyl ketone	0.61	U	0.55	1.5
Toluene	58	D	0.076	0.61
trans-1,3-Dichloropropene	0.091	U	0.079	0.61
1,1,2-Trichloroethane	0.24	U	0.11	0.61
Tetrachloroethene	0.52	J D	0.091	0.61

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0201FC**

Lab Sample ID: 280-64806-6
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_010.d
Dilution:	3.03			Initial Weight/Volume:	66 mL
Analysis Date:	01/30/2015 0923			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0923			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.61	U	0.52	1.5
Dibromochloromethane	0.091	U	0.061	0.61
1,2-Dibromoethane	0.091	U	0.055	0.61
Chlorobenzene	0.091	U	0.055	0.61
Ethylbenzene	38	D	0.061	0.61
m,p-Xylene	130	D	0.076	1.5
Xylene, o-	28	D	0.055	0.61
Xylene (total)	160		0.12	0.61
Styrene	0.091	U	0.048	0.61
Bromoform	0.091	U	0.076	0.61
Cumene	0.27	J D M	0.058	0.61
1,1,2,2-Tetrachloroethane	0.24	U	0.10	0.61
n-Propylbenzene	0.091	U	0.082	0.61
4-Ethyltoluene	0.27	J D	0.061	0.61
1,3,5-Trimethylbenzene	0.30	J D	0.058	0.61
2-Chlorotoluene	0.24	U	0.094	0.61
tert-Butylbenzene	0.091	U	0.061	0.61
1,2,4-Trimethylbenzene	0.55	J D	0.048	0.61
sec-Butylbenzene	0.091	U	0.064	0.61
4-Isopropyltoluene	0.091	U	0.061	0.61
1,3-Dichlorobenzene	0.091	U	0.061	0.61
1,4-Dichlorobenzene	0.091	U	0.058	0.61
Benzyl chloride	0.091	U	0.055	0.61
n-Butylbenzene	0.091	U	0.085	0.61
1,2-Dichlorobenzene	0.091	U	0.055	0.61
1,2,4-Trichlorobenzene	0.24	U	0.10	1.5
Hexachlorobutadiene	0.24	U	0.11	0.61
Naphthalene	0.24	U	0.091	1.5

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.1	J D	0.84	7.5
Freon 22	2.4	J D	0.86	5.4
1,2-Dichlorotetrafluoroethane	1.7	U	1.1	4.2
Chloromethane	1.3	U	0.38	3.1
n-Butane	1.7	J D	1.3	3.6
Vinyl chloride	0.23	U	0.20	1.5
1,3-Butadiene	0.54	U	0.24	1.3
Bromomethane	0.94	U	0.52	2.4
Chloroethane	0.64	U	0.49	4.0
Bromoethene(Vinyl Bromide)	0.40	U	0.27	2.7
Trichlorofluoromethane	5.9	D	0.77	3.4
Freon TF	1.9	U	0.95	4.6
1,1-Dichloroethene	0.36	U	0.12	2.4
Acetone	45	D	5.0	36
Isopropyl alcohol	21	J D	1.1	37
Carbon disulfide	11	D	0.28	4.7

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0201FC**

Lab Sample ID: 280-64806-6
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_010.d
Dilution:	3.03			Initial Weight/Volume:	66 mL
Analysis Date:	01/30/2015 0923			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0923			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.9	U	1.5	4.7
Methylene Chloride	1.5	J D M	1.3	5.3
tert-Butyl alcohol	2.8	J D	1.1	46
Methyl tert-butyl ether	0.33	U	0.24	2.2
trans-1,2-Dichloroethene	0.36	U	0.32	2.4
n-Hexane	0.94	J D	0.30	2.1
1,1-Dichloroethane	0.37	U	0.34	2.5
Methyl Ethyl Ketone	13	D	0.82	4.5
cis-1,2-Dichloroethene	0.96	U	0.36	2.4
1,2-Dichloroethene, Total	0.96	U	0.64	2.4
Chloroform	0.63	J D	0.56	3.0
Tetrahydrofuran	290	D	1.6	45
1,1,1-Trichloroethane	1.3	U	0.50	3.3
Cyclohexane	0.31	U	0.10	2.1
Carbon tetrachloride	1.0	J D	0.21	3.8
2,2,4-Trimethylpentane	0.69	J D	0.33	2.8
Benzene	8.6	D	0.28	1.9
1,2-Dichloroethane	0.98	U	0.64	2.5
n-Heptane	1.9	J D M	0.46	2.5
Trichloroethene	87	D	0.49	3.3
Methyl methacrylate	2.5	U	1.2	6.2
1,2-Dichloropropane	1.1	U	0.49	2.8
1,4-Dioxane	2.2	U	1.7	55
Bromodichloromethane	0.61	U	0.59	4.1
cis-1,3-Dichloropropene	0.41	U	0.40	2.8
methyl isobutyl ketone	2.5	U	2.2	6.2
Toluene	220	D	0.29	2.3
trans-1,3-Dichloropropene	0.41	U	0.36	2.8
1,1,2-Trichloroethane	1.3	U	0.61	3.3
Tetrachloroethene	3.5	J D	0.62	4.1
Methyl Butyl Ketone (2-Hexanone)	2.5	U	2.1	6.2
Dibromochloromethane	0.77	U	0.52	5.2
1,2-Dibromoethane	0.70	U	0.42	4.7
Chlorobenzene	0.42	U	0.25	2.8
Ethylbenzene	170	D	0.26	2.6
m,p-Xylene	560	D	0.33	6.6
Xylene, o-	120	D	0.24	2.6
Xylene (total)	690		0.54	2.6
Styrene	0.39	U	0.21	2.6
Bromoform	0.94	U	0.78	6.3
Cumene	1.3	J D M	0.28	3.0
1,1,2,2-Tetrachloroethane	1.7	U	0.71	4.2
n-Propylbenzene	0.45	U	0.40	3.0
4-Ethyltoluene	1.3	J D	0.30	3.0
1,3,5-Trimethylbenzene	1.5	J D	0.28	3.0
2-Chlorotoluene	1.3	U	0.49	3.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0201FC**

Lab Sample ID: 280-64806-6
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_010.d
Dilution:	3.03			Initial Weight/Volume:	66 mL
Analysis Date:	01/30/2015 0923			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0923			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.50	U	0.33	3.3
1,2,4-Trimethylbenzene	2.7	J D	0.24	3.0
sec-Butylbenzene	0.50	U	0.35	3.3
4-Isopropyltoluene	0.50	U	0.33	3.3
1,3-Dichlorobenzene	0.55	U	0.36	3.6
1,4-Dichlorobenzene	0.55	U	0.35	3.6
Benzyl chloride	0.47	U	0.28	3.1
n-Butylbenzene	0.50	U	0.47	3.3
1,2-Dichlorobenzene	0.55	U	0.33	3.6
1,2,4-Trichlorobenzene	1.8	U	0.76	11
Hexachlorobutadiene	2.6	U	1.2	6.5
Naphthalene	1.3	U	0.48	7.9

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101IA0305FA**

Lab Sample ID: 280-64806-7
Client Matrix: Air

Date Sampled: 01/21/2015 1105
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-028.D
Dilution:	14.9			Initial Weight/Volume:	47 mL
Analysis Date:	01/29/2015 0858			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0858			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0	U	0.83	7.5
Freon 22	3.0	U	1.2	7.5
1,2-Dichlorotetrafluoroethane	1.2	U	0.77	3.0
Chloromethane	3.0	U	0.89	7.5
n-Butane	12	D	2.7	7.5
Vinyl chloride	0.45	U	0.39	3.0
1,3-Butadiene	1.2	U	0.54	3.0
Bromomethane	1.2	U	0.66	3.0
Chloroethane	1.2	U	0.91	7.5
Bromoethene(Vinyl Bromide)	0.45	U	0.30	3.0
Trichlorofluoromethane	1.2	U	0.67	3.0
Freon TF	1.2	U	0.61	3.0
1,1-Dichloroethene	0.45	U	0.15	3.0
Acetone	410	D	10	75
Isopropyl alcohol	140	D	2.2	75
Carbon disulfide	1.2	U	0.45	7.5
3-Chloropropene	3.0	U	2.4	7.5
Methylene Chloride	3.1	J D	1.8	7.5
tert-Butyl alcohol	3.0	U	1.8	75
Methyl tert-butyl ether	0.45	U	0.33	3.0
trans-1,2-Dichloroethene	0.45	U	0.40	3.0
n-Hexane	0.45	U	0.42	3.0
1,1-Dichloroethane	0.45	U	0.42	3.0
Methyl Ethyl Ketone	3.0	U	1.4	7.5
cis-1,2-Dichloroethene	1.2	U	0.45	3.0
1,2-Dichloroethene, Total	1.2	U	0.79	3.0
Chloroform	1.2	U	0.57	3.0
Tetrahydrofuran	3.0	U	2.7	75
1,1,1-Trichloroethane	1.2	U	0.45	3.0
Cyclohexane	0.45	U	0.15	3.0
Carbon tetrachloride	0.45	U	0.16	3.0
2,2,4-Trimethylpentane	0.45	U	0.34	3.0
Benzene	0.61	J D	0.43	3.0
1,2-Dichloroethane	1.2	U	0.77	3.0
n-Heptane	1.2	U	0.55	3.0
Trichloroethene	0.45	U	0.45	3.0
Methyl methacrylate	3.0	U	1.4	7.5
1,2-Dichloropropane	1.2	U	0.52	3.0
1,4-Dioxane	3.0	U	2.4	75
Bromodichloromethane	0.45	U	0.43	3.0
cis-1,3-Dichloropropene	0.45	U	0.43	3.0
methyl isobutyl ketone	3.0	U	2.7	7.5
Toluene	13	D	0.37	3.0
trans-1,3-Dichloropropene	0.45	U	0.39	3.0
1,1,2-Trichloroethane	1.2	U	0.55	3.0
Tetrachloroethene	0.45	U	0.45	3.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101IA0305FA**

Lab Sample ID: 280-64806-7
Client Matrix: Air

Date Sampled: 01/21/2015 1105
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-028.D
Dilution:	14.9			Initial Weight/Volume:	47 mL
Analysis Date:	01/29/2015 0858			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0858			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	3.0	U	2.5	7.5
Dibromochloromethane	0.45	U	0.30	3.0
1,2-Dibromoethane	0.45	U	0.27	3.0
Chlorobenzene	0.45	U	0.27	3.0
Ethylbenzene	0.62	J D	0.30	3.0
m,p-Xylene	1.9	J D	0.37	7.5
Xylene, o-	0.61	J D	0.27	3.0
Xylene (total)	2.5	J	0.61	3.0
Styrene	0.45	U	0.24	3.0
Bromoform	0.45	U	0.37	3.0
Cumene	0.45	U	0.28	3.0
1,1,2,2-Tetrachloroethane	1.2	U	0.51	3.0
n-Propylbenzene	0.45	U	0.40	3.0
4-Ethyltoluene	0.45	U	0.30	3.0
1,3,5-Trimethylbenzene	0.45	U	0.28	3.0
2-Chlorotoluene	1.2	U	0.46	3.0
tert-Butylbenzene	0.45	U	0.30	3.0
1,2,4-Trimethylbenzene	0.87	J D	0.24	3.0
sec-Butylbenzene	0.45	U	0.31	3.0
4-Isopropyltoluene	0.45	U	0.30	3.0
1,3-Dichlorobenzene	0.45	U	0.30	3.0
1,4-Dichlorobenzene	0.45	U	0.28	3.0
Benzyl chloride	0.45	U	0.27	3.0
n-Butylbenzene	0.45	U	0.42	3.0
1,2-Dichlorobenzene	0.45	U	0.27	3.0
1,2,4-Trichlorobenzene	1.2	U	0.51	7.5
Hexachlorobutadiene	1.2	U	0.54	3.0
Naphthalene	1.2	U	0.45	7.5

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	15	U	4.1	37
Freon 22	11	U	4.2	26
1,2-Dichlorotetrafluoroethane	8.3	U	5.4	21
Chloromethane	6.2	U	1.8	15
n-Butane	28	D	6.4	18
Vinyl chloride	1.1	U	0.99	7.6
1,3-Butadiene	2.6	U	1.2	6.6
Bromomethane	4.6	U	2.5	12
Chloroethane	3.1	U	2.4	20
Bromoethene(Vinyl Bromide)	2.0	U	1.3	13
Trichlorofluoromethane	6.7	U	3.8	17
Freon TF	9.1	U	4.7	23
1,1-Dichloroethene	1.8	U	0.59	12
Acetone	970	D	24	180
Isopropyl alcohol	350	D	5.5	180
Carbon disulfide	3.7	U	1.4	23

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101IA0305FA**

Lab Sample ID: 280-64806-7
Client Matrix: Air

Date Sampled: 01/21/2015 1105
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-028.D
Dilution:	14.9			Initial Weight/Volume:	47 mL
Analysis Date:	01/29/2015 0858			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0858			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	9.3	U	7.5	23
Methylene Chloride	11	J D	6.2	26
tert-Butyl alcohol	9.0	U	5.4	230
Methyl tert-butyl ether	1.6	U	1.2	11
trans-1,2-Dichloroethene	1.8	U	1.6	12
n-Hexane	1.6	U	1.5	11
1,1-Dichloroethane	1.8	U	1.7	12
Methyl Ethyl Ketone	8.8	U	4.0	22
cis-1,2-Dichloroethene	4.7	U	1.8	12
1,2-Dichloroethene, Total	4.7	U	3.1	12
Chloroform	5.8	U	2.8	15
Tetrahydrofuran	8.8	U	7.9	220
1,1,1-Trichloroethane	6.5	U	2.4	16
Cyclohexane	1.5	U	0.51	10
Carbon tetrachloride	2.8	U	1.0	19
2,2,4-Trimethylpentane	2.1	U	1.6	14
Benzene	2.0	J D	1.4	9.5
1,2-Dichloroethane	4.8	U	3.1	12
n-Heptane	4.9	U	2.3	12
Trichloroethene	2.4	U	2.4	16
Methyl methacrylate	12	U	5.9	31
1,2-Dichloropropane	5.5	U	2.4	14
1,4-Dioxane	11	U	8.6	270
Bromodichloromethane	3.0	U	2.9	20
cis-1,3-Dichloropropene	2.0	U	2.0	14
methyl isobutyl ketone	12	U	11	31
Toluene	48	D	1.4	11
trans-1,3-Dichloropropene	2.0	U	1.8	14
1,1,2-Trichloroethane	6.5	U	3.0	16
Tetrachloroethene	3.0	U	3.0	20
Methyl Butyl Ketone (2-Hexanone)	12	U	10	31
Dibromochloromethane	3.8	U	2.5	25
1,2-Dibromoethane	3.4	U	2.1	23
Chlorobenzene	2.1	U	1.2	14
Ethylbenzene	2.7	J D	1.3	13
m,p-Xylene	8.0	J D	1.6	32
Xylene, o-	2.6	J D	1.2	13
Xylene (total)	11	J	2.7	13
Styrene	1.9	U	1.0	13
Bromoform	4.6	U	3.9	31
Cumene	2.2	U	1.4	15
1,1,2,2-Tetrachloroethane	8.2	U	3.5	20
n-Propylbenzene	2.2	U	2.0	15
4-Ethyltoluene	2.2	U	1.5	15
1,3,5-Trimethylbenzene	2.2	U	1.4	15
2-Chlorotoluene	6.2	U	2.4	15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101IA0305FA**

Lab Sample ID: 280-64806-7
Client Matrix: Air

Date Sampled: 01/21/2015 1105
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-028.D
Dilution:	14.9			Initial Weight/Volume:	47 mL
Analysis Date:	01/29/2015 0858			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0858			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	2.5	U	1.6	16
1,2,4-Trimethylbenzene	4.3	J D	1.2	15
sec-Butylbenzene	2.5	U	1.7	16
4-Isopropyltoluene	2.5	U	1.6	16
1,3-Dichlorobenzene	2.7	U	1.8	18
1,4-Dichlorobenzene	2.7	U	1.7	18
Benzyl chloride	2.3	U	1.4	15
n-Butylbenzene	2.5	U	2.3	16
1,2-Dichlorobenzene	2.7	U	1.6	18
1,2,4-Trichlorobenzene	8.8	U	3.8	55
Hexachlorobutadiene	13	U	5.7	32
Naphthalene	6.2	U	2.3	39

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101IA0405FA**

Lab Sample ID: 280-64806-8
Client Matrix: Air

Date Sampled: 01/21/2015 1110
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-029.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	01/29/2015 0942			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0942			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54	J D	0.14	1.3
Freon 22	0.30	J D	0.20	1.3
1,2-Dichlorotetrafluoroethane	0.20	U	0.13	0.50
Chloromethane	0.50	U	0.15	1.3
n-Butane	2.0	D	0.45	1.3
Vinyl chloride	0.075	U	0.065	0.50
1,3-Butadiene	0.20	U	0.090	0.50
Bromomethane	0.20	U	0.11	0.50
Chloroethane	0.20	U	0.15	1.3
Bromoethene(Vinyl Bromide)	0.075	U	0.050	0.50
Trichlorofluoromethane	0.40	J D	0.11	0.50
Freon TF	0.20	U	0.10	0.50
1,1-Dichloroethene	0.075	U	0.025	0.50
Acetone	60	D	1.7	13
Isopropyl alcohol	18	D	0.38	13
Carbon disulfide	0.20	U	0.075	1.3
3-Chloropropene	0.50	U	0.40	1.3
Methylene Chloride	0.53	J D	0.30	1.3
tert-Butyl alcohol	0.50	U	0.30	13
Methyl tert-butyl ether	0.075	U	0.055	0.50
trans-1,2-Dichloroethene	0.075	U	0.068	0.50
n-Hexane	0.075	U	0.070	0.50
1,1-Dichloroethane	0.075	U	0.070	0.50
Methyl Ethyl Ketone	1.8	D	0.23	1.3
cis-1,2-Dichloroethene	0.20	U	0.075	0.50
1,2-Dichloroethene, Total	0.20	U	0.13	0.50
Chloroform	0.20	U	0.095	0.50
Tetrahydrofuran	0.50	U	0.45	13
1,1,1-Trichloroethane	0.20	U	0.075	0.50
Cyclohexane	0.075	U	0.025	0.50
Carbon tetrachloride	0.074	J D	0.028	0.50
2,2,4-Trimethylpentane	0.075	U	0.058	0.50
Benzene	0.25	J D	0.073	0.50
1,2-Dichloroethane	0.20	U	0.13	0.50
n-Heptane	0.20	U	0.093	0.50
Trichloroethene	0.075	U	0.075	0.50
Methyl methacrylate	0.50	U	0.24	1.3
1,2-Dichloropropane	0.20	U	0.088	0.50
1,4-Dioxane	0.50	U	0.40	13
Bromodichloromethane	0.075	U	0.073	0.50
cis-1,3-Dichloropropene	0.075	U	0.073	0.50
methyl isobutyl ketone	0.50	U	0.45	1.3
Toluene	1.8	D	0.063	0.50
trans-1,3-Dichloropropene	0.075	U	0.065	0.50
1,1,2-Trichloroethane	0.20	U	0.093	0.50
Tetrachloroethene	0.075	U	0.075	0.50

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101IA0405FA**

Lab Sample ID: 280-64806-8
Client Matrix: Air

Date Sampled: 01/21/2015 1110
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-029.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	01/29/2015 0942			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0942			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.43	1.3
Dibromochloromethane	0.075	U	0.050	0.50
1,2-Dibromoethane	0.075	U	0.045	0.50
Chlorobenzene	0.075	U	0.045	0.50
Ethylbenzene	0.11	J D	0.050	0.50
m,p-Xylene	0.36	J D M	0.063	1.3
Xylene, o-	0.15	J D	0.045	0.50
Xylene (total)	0.51		0.10	0.50
Styrene	0.075	U	0.040	0.50
Bromoform	0.075	U	0.063	0.50
Cumene	0.075	U	0.048	0.50
1,1,2,2-Tetrachloroethane	0.20	U	0.085	0.50
n-Propylbenzene	0.075	U	0.068	0.50
4-Ethyltoluene	0.075	U	0.050	0.50
1,3,5-Trimethylbenzene	0.075	U	0.048	0.50
2-Chlorotoluene	0.20	U	0.078	0.50
tert-Butylbenzene	0.075	U	0.050	0.50
1,2,4-Trimethylbenzene	0.13	J D	0.040	0.50
sec-Butylbenzene	0.075	U	0.053	0.50
4-Isopropyltoluene	0.075	U	0.050	0.50
1,3-Dichlorobenzene	0.075	U	0.050	0.50
1,4-Dichlorobenzene	0.075	U	0.048	0.50
Benzyl chloride	0.075	U	0.045	0.50
n-Butylbenzene	0.075	U	0.070	0.50
1,2-Dichlorobenzene	0.075	U	0.045	0.50
1,2,4-Trichlorobenzene	0.20	U	0.085	1.3
Hexachlorobutadiene	0.20	U	0.090	0.50
Naphthalene	0.20	U	0.075	1.3

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7	J D	0.69	6.2
Freon 22	1.1	J D	0.71	4.4
1,2-Dichlorotetrafluoroethane	1.4	U	0.91	3.5
Chloromethane	1.0	U	0.31	2.6
n-Butane	4.7	D	1.1	3.0
Vinyl chloride	0.19	U	0.17	1.3
1,3-Butadiene	0.44	U	0.20	1.1
Bromomethane	0.78	U	0.43	1.9
Chloroethane	0.53	U	0.40	3.3
Bromoethene(Vinyl Bromide)	0.33	U	0.22	2.2
Trichlorofluoromethane	2.2	J D	0.63	2.8
Freon TF	1.5	U	0.79	3.8
1,1-Dichloroethene	0.30	U	0.099	2.0
Acetone	140	D	4.1	30
Isopropyl alcohol	44	D	0.92	31
Carbon disulfide	0.62	U	0.23	3.9

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101IA0405FA**

Lab Sample ID: 280-64806-8
Client Matrix: Air

Date Sampled: 01/21/2015 1110
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-029.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	01/29/2015 0942			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0942			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.6	U	1.3	3.9
Methylene Chloride	1.8	J D	1.0	4.3
tert-Butyl alcohol	1.5	U	0.91	38
Methyl tert-butyl ether	0.27	U	0.20	1.8
trans-1,2-Dichloroethene	0.30	U	0.27	2.0
n-Hexane	0.26	U	0.25	1.8
1,1-Dichloroethane	0.30	U	0.28	2.0
Methyl Ethyl Ketone	5.2	D	0.68	3.7
cis-1,2-Dichloroethene	0.79	U	0.30	2.0
1,2-Dichloroethene, Total	0.79	U	0.53	2.0
Chloroform	0.98	U	0.46	2.4
Tetrahydrofuran	1.5	U	1.3	37
1,1,1-Trichloroethane	1.1	U	0.41	2.7
Cyclohexane	0.26	U	0.086	1.7
Carbon tetrachloride	0.47	J D	0.17	3.1
2,2,4-Trimethylpentane	0.35	U	0.27	2.3
Benzene	0.79	J D	0.23	1.6
1,2-Dichloroethane	0.81	U	0.53	2.0
n-Heptane	0.82	U	0.38	2.0
Trichloroethene	0.40	U	0.40	2.7
Methyl methacrylate	2.0	U	0.98	5.1
1,2-Dichloropropane	0.92	U	0.40	2.3
1,4-Dioxane	1.8	U	1.4	45
Bromodichloromethane	0.50	U	0.49	3.4
cis-1,3-Dichloropropene	0.34	U	0.33	2.3
methyl isobutyl ketone	2.0	U	1.8	5.1
Toluene	6.7	D	0.24	1.9
trans-1,3-Dichloropropene	0.34	U	0.30	2.3
1,1,2-Trichloroethane	1.1	U	0.50	2.7
Tetrachloroethene	0.51	U	0.51	3.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	1.7	5.1
Dibromochloromethane	0.64	U	0.43	4.3
1,2-Dibromoethane	0.58	U	0.35	3.8
Chlorobenzene	0.35	U	0.21	2.3
Ethylbenzene	0.49	J D	0.22	2.2
m,p-Xylene	1.6	J D M	0.27	5.4
Xylene, o-	0.64	J D	0.20	2.2
Xylene (total)	2.2		0.45	2.2
Styrene	0.32	U	0.17	2.1
Bromoform	0.78	U	0.65	5.2
Cumene	0.37	U	0.23	2.5
1,1,2,2-Tetrachloroethane	1.4	U	0.58	3.4
n-Propylbenzene	0.37	U	0.33	2.5
4-Ethyltoluene	0.37	U	0.25	2.5
1,3,5-Trimethylbenzene	0.37	U	0.23	2.5
2-Chlorotoluene	1.0	U	0.40	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101IA0405FA**

Lab Sample ID: 280-64806-8
Client Matrix: Air

Date Sampled: 01/21/2015 1110
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-029.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	01/29/2015 0942			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0942			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.41	U	0.27	2.7
1,2,4-Trimethylbenzene	0.66	J D	0.20	2.5
sec-Butylbenzene	0.41	U	0.29	2.7
4-Isopropyltoluene	0.41	U	0.27	2.7
1,3-Dichlorobenzene	0.45	U	0.30	3.0
1,4-Dichlorobenzene	0.45	U	0.29	3.0
Benzyl chloride	0.39	U	0.23	2.6
n-Butylbenzene	0.41	U	0.38	2.7
1,2-Dichlorobenzene	0.45	U	0.27	3.0
1,2,4-Trichlorobenzene	1.5	U	0.63	9.3
Hexachlorobutadiene	2.1	U	0.96	5.3
Naphthalene	1.0	U	0.39	6.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101OA0305FA**

Lab Sample ID: 280-64806-9
Client Matrix: Air

Date Sampled: 01/21/2015 1115
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-023.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0243			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0243			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.056	0.50
Freon 22	0.25	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.53		0.060	0.50
n-Butane	0.78		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.22		0.045	0.20
Freon TF	0.060	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	5.2		0.69	5.0
Isopropyl alcohol	0.50	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.29	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.070	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.21		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.32		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101OA0305FA**

Lab Sample ID: 280-64806-9
Client Matrix: Air

Date Sampled: 01/21/2015 1115
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-023.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0243			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0243			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.032	J	0.020	0.20
m,p-Xylene	0.090	J	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	0.87	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.1		0.12	1.0
n-Butane	1.8		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3		0.25	1.1
Freon TF	0.46	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	12		1.6	12
Isopropyl alcohol	1.2	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101OA0305FA**

Lab Sample ID: 280-64806-9
Client Matrix: Air

Date Sampled: 01/21/2015 1115
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-023.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0243			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0243			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.99	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.44	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.66		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	1.2		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.14	J	0.087	0.87
m,p-Xylene	0.39	J	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101OA0305FA**

Lab Sample ID: 280-64806-9
Client Matrix: Air

Date Sampled: 01/21/2015 1115
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-023.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0243			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0243			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101CA01FA**

Lab Sample ID: 280-64806-10
Client Matrix: Air

Date Sampled: 01/20/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1013			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1013			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.76		0.056	0.50
Freon 22	0.56		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.36	J	0.060	0.50
n-Butane	1.3		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.065	J	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.79		0.045	0.20
Freon TF	0.14	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	29		0.69	5.0
Isopropyl alcohol	6.4		0.15	5.0
Carbon disulfide	3.6		0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.18	J	0.12	0.50
tert-Butyl alcohol	0.40	J	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.089	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	1.4		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	19		0.038	0.20
Tetrahydrofuran	0.25	J	0.18	5.0
1,1,1-Trichloroethane	0.31		0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.41		0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.13	J M	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	9.0		0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.17	J	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.21	J	0.18	0.50
Toluene	0.89		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	1.5		0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101CA01FA**

Lab Sample ID: 280-64806-10
Client Matrix: Air

Date Sampled: 01/20/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1013			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1013			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.085	J	0.020	0.20
m,p-Xylene	0.31	J	0.025	0.50
Xylene, o-	0.12	J	0.018	0.20
Xylene (total)	0.43		0.041	0.20
Styrene	0.069	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.20		0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.11	J	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.21	J	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.7		0.28	2.5
Freon 22	2.0		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.74	J	0.12	1.0
n-Butane	3.2		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.17	J	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	4.4		0.25	1.1
Freon TF	1.1	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	68		1.6	12
Isopropyl alcohol	16		0.37	12
Carbon disulfide	11		0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101CA01FA**

Lab Sample ID: 280-64806-10
Client Matrix: Air

Date Sampled: 01/20/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1013			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1013			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.61	J	0.42	1.7
tert-Butyl alcohol	1.2	J	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.31	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	4.0		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	95		0.19	0.98
Tetrahydrofuran	0.73	J	0.53	15
1,1,1-Trichloroethane	1.7		0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	2.6		0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.41	J M	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	48		0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	1.2	J	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.84	J	0.74	2.0
Toluene	3.3		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	10		0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.37	J	0.087	0.87
m,p-Xylene	1.3	J	0.11	2.2
Xylene, o-	0.51	J	0.078	0.87
Xylene (total)	1.9		0.18	0.87
Styrene	0.29	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101CA01FA**

Lab Sample ID: 280-64806-10
Client Matrix: Air

Date Sampled: 01/20/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1013			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1013			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.97		0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.58	J	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	1.1	J	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0101MA**

Lab Sample ID: 280-64806-11
Client Matrix: Air

Date Sampled: 01/22/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_07.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1354			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1354			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.51		0.056	0.50
Freon 22	1.4		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.61		0.060	0.50
n-Butane	0.80		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.29		0.045	0.20
Freon TF	0.13	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	27		0.69	5.0
Isopropyl alcohol	5.4		0.15	5.0
Carbon disulfide	0.29	J	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.36	J	0.12	0.50
tert-Butyl alcohol	0.32	J	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.14	J M	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	2.5		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.25	J	0.18	5.0
1,1,1-Trichloroethane	0.037	J	0.030	0.20
Cyclohexane	0.31		0.010	0.20
Carbon tetrachloride	0.090	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.28		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.11	J M	0.037	0.20
Trichloroethene	0.13	J	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.29	J	0.18	0.50
Toluene	0.27		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0101MA**

Lab Sample ID: 280-64806-11
Client Matrix: Air

Date Sampled: 01/22/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_07.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1354			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1354			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.30	J	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.057	J	0.020	0.20
m,p-Xylene	0.13	J	0.025	0.50
Xylene, o-	0.063	J	0.018	0.20
Xylene (total)	0.19	J	0.041	0.20
Styrene	0.029	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.029	J M	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.071	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.028	J	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.037	J	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.28	2.5
Freon 22	5.1		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.3		0.12	1.0
n-Butane	1.9		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.6		0.25	1.1
Freon TF	0.97	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	64		1.6	12
Isopropyl alcohol	13		0.37	12
Carbon disulfide	0.89	J	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0101MA**

Lab Sample ID: 280-64806-11
Client Matrix: Air

Date Sampled: 01/22/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_07.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1354			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1354			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	1.3	J	0.42	1.7
tert-Butyl alcohol	0.96	J	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.51	J M	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	7.2		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.75	J	0.53	15
1,1,1-Trichloroethane	0.20	J	0.16	1.1
Cyclohexane	1.1		0.034	0.69
Carbon tetrachloride	0.57	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.89		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.44	J M	0.15	0.82
Trichloroethene	0.71	J	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	1.2	J	0.74	2.0
Toluene	1.0		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	1.2	J	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.25	J	0.087	0.87
m,p-Xylene	0.56	J	0.11	2.2
Xylene, o-	0.27	J	0.078	0.87
Xylene (total)	0.84	J	0.18	0.87
Styrene	0.12	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.14	J M	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0101MA**

Lab Sample ID: 280-64806-11
Client Matrix: Air

Date Sampled: 01/22/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_07.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1354			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1354			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.35	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.17	J	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.27	J	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0201MA**

Lab Sample ID: 280-64806-12
Client Matrix: Air

Date Sampled: 01/22/2015 1405
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_08.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1445			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1445			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.52		0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.55		0.060	0.50
n-Butane	1.4		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.33		0.045	0.20
Freon TF	0.11	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	7.0		0.69	5.0
Isopropyl alcohol	3.8	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.21	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.16	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.047	J M	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.28		0.010	0.20
Carbon tetrachloride	0.086	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.23		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.093	J	0.037	0.20
Trichloroethene	0.055	J M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.24		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0201MA**

Lab Sample ID: 280-64806-12
Client Matrix: Air

Date Sampled: 01/22/2015 1405
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_08.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1445			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1445			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.050	J	0.020	0.20
m,p-Xylene	0.13	J	0.025	0.50
Xylene, o-	0.047	J	0.018	0.20
Xylene (total)	0.18	J	0.041	0.20
Styrene	0.018	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.023	J	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.057	J M	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.1		0.12	1.0
n-Butane	3.4		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.9		0.25	1.1
Freon TF	0.82	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	17		1.6	12
Isopropyl alcohol	9.3	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0201MA**

Lab Sample ID: 280-64806-12
Client Matrix: Air

Date Sampled: 01/22/2015 1405
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_08.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1445			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1445			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.72	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.55	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.23	J M	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.98		0.034	0.69
Carbon tetrachloride	0.54	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.74		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.38	J	0.15	0.82
Trichloroethene	0.29	J M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.91		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.22	J	0.087	0.87
m,p-Xylene	0.57	J	0.11	2.2
Xylene, o-	0.20	J	0.078	0.87
Xylene (total)	0.77	J	0.18	0.87
Styrene	0.078	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.11	J	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0201MA**

Lab Sample ID: 280-64806-12
Client Matrix: Air

Date Sampled: 01/22/2015 1405
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_08.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1445			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1445			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.28	J M	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0301MA**

Lab Sample ID: 280-64806-13
Client Matrix: Air

Date Sampled: 01/22/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_09.D
Dilution:	4.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1536			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1536			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.60	J D	0.22	2.0
Freon 22	0.89	J D	0.32	2.0
1,2-Dichlorotetrafluoroethane	0.32	U	0.21	0.80
Chloromethane	0.61	J D	0.24	2.0
n-Butane	0.90	J D	0.72	2.0
Vinyl chloride	0.12	U	0.10	0.80
1,3-Butadiene	0.32	U	0.14	0.80
Bromomethane	0.32	U	0.18	0.80
Chloroethane	0.32	U	0.24	2.0
Bromoethene(Vinyl Bromide)	0.12	U	0.080	0.80
Trichlorofluoromethane	1.5	D	0.18	0.80
Freon TF	0.32	U	0.16	0.80
1,1-Dichloroethene	0.12	U	0.040	0.80
Acetone	3.4	J D	2.8	20
Isopropyl alcohol	1.2	J D	0.60	20
Carbon disulfide	0.32	U	0.12	2.0
3-Chloropropene	0.80	U	0.64	2.0
Methylene Chloride	0.49	J D	0.48	2.0
tert-Butyl alcohol	0.80	U	0.48	20
Methyl tert-butyl ether	0.12	U	0.088	0.80
trans-1,2-Dichloroethene	0.12	U	0.11	0.80
n-Hexane	0.12	U	0.11	0.80
1,1-Dichloroethane	0.12	U	0.11	0.80
Methyl Ethyl Ketone	0.80	U	0.37	2.0
cis-1,2-Dichloroethene	0.32	U	0.12	0.80
1,2-Dichloroethene, Total	0.32	U	0.21	0.80
Chloroform	0.32	U	0.15	0.80
Tetrahydrofuran	0.80	U	0.72	20
1,1,1-Trichloroethane	0.32	U	0.12	0.80
Cyclohexane	0.13	J D	0.040	0.80
Carbon tetrachloride	0.12	U	0.044	0.80
2,2,4-Trimethylpentane	0.12	U	0.092	0.80
Benzene	0.44	J D	0.12	0.80
1,2-Dichloroethane	0.32	U	0.21	0.80
n-Heptane	0.32	U	0.15	0.80
Trichloroethene	0.12	U	0.12	0.80
Methyl methacrylate	0.80	U	0.38	2.0
1,2-Dichloropropane	0.32	U	0.14	0.80
1,4-Dioxane	0.80	U	0.64	20
Bromodichloromethane	0.12	U	0.12	0.80
cis-1,3-Dichloropropene	0.12	U	0.12	0.80
methyl isobutyl ketone	0.80	U	0.72	2.0
Toluene	0.18	J D	0.10	0.80
trans-1,3-Dichloropropene	0.12	U	0.10	0.80
1,1,2-Trichloroethane	0.32	U	0.15	0.80
Tetrachloroethene	0.12	U	0.12	0.80

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0301MA**

Lab Sample ID: 280-64806-13
Client Matrix: Air

Date Sampled: 01/22/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_09.D
Dilution:	4.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1536			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1536			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.80	U	0.68	2.0
Dibromochloromethane	0.12	U	0.080	0.80
1,2-Dibromoethane	0.12	U	0.072	0.80
Chlorobenzene	0.12	U	0.072	0.80
Ethylbenzene	0.12	U	0.080	0.80
m,p-Xylene	0.24	U	0.10	2.0
Xylene, o-	0.12	U	0.072	0.80
Xylene (total)	0.36	U	0.16	0.80
Styrene	0.12	U	0.064	0.80
Bromoform	0.12	U	0.10	0.80
Cumene	0.12	U	0.076	0.80
1,1,2,2-Tetrachloroethane	0.32	U	0.14	0.80
n-Propylbenzene	0.12	U	0.11	0.80
4-Ethyltoluene	0.12	U	0.080	0.80
1,3,5-Trimethylbenzene	0.12	U	0.076	0.80
2-Chlorotoluene	0.32	U	0.12	0.80
tert-Butylbenzene	0.12	U	0.080	0.80
1,2,4-Trimethylbenzene	0.12	U	0.064	0.80
sec-Butylbenzene	0.12	U	0.084	0.80
4-Isopropyltoluene	0.12	U	0.080	0.80
1,3-Dichlorobenzene	0.12	U	0.080	0.80
1,4-Dichlorobenzene	0.12	U	0.076	0.80
Benzyl chloride	0.12	U	0.072	0.80
n-Butylbenzene	0.12	U	0.11	0.80
1,2-Dichlorobenzene	0.12	U	0.072	0.80
1,2,4-Trichlorobenzene	0.32	U	0.14	2.0
Hexachlorobutadiene	0.32	U	0.14	0.80
Naphthalene	0.32	U	0.12	2.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0	J D	1.1	9.9
Freon 22	3.1	J D	1.1	7.1
1,2-Dichlorotetrafluoroethane	2.2	U	1.5	5.6
Chloromethane	1.3	J D	0.50	4.1
n-Butane	2.1	J D	1.7	4.8
Vinyl chloride	0.31	U	0.27	2.0
1,3-Butadiene	0.71	U	0.32	1.8
Bromomethane	1.2	U	0.68	3.1
Chloroethane	0.84	U	0.64	5.3
Bromoethene(Vinyl Bromide)	0.52	U	0.35	3.5
Trichlorofluoromethane	8.5	D	1.0	4.5
Freon TF	2.5	U	1.3	6.1
1,1-Dichloroethene	0.48	U	0.16	3.2
Acetone	8.0	J D	6.6	48
Isopropyl alcohol	3.0	J D	1.5	49
Carbon disulfide	1.0	U	0.37	6.2

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0301MA**

Lab Sample ID: 280-64806-13
Client Matrix: Air

Date Sampled: 01/22/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_09.D
Dilution:	4.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1536			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1536			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	2.5	U	2.0	6.3
Methylene Chloride	1.7	J D	1.7	6.9
tert-Butyl alcohol	2.4	U	1.5	61
Methyl tert-butyl ether	0.43	U	0.32	2.9
trans-1,2-Dichloroethene	0.48	U	0.43	3.2
n-Hexane	0.42	U	0.39	2.8
1,1-Dichloroethane	0.49	U	0.45	3.2
Methyl Ethyl Ketone	2.4	U	1.1	5.9
cis-1,2-Dichloroethene	1.3	U	0.48	3.2
1,2-Dichloroethene, Total	1.3	U	0.84	3.2
Chloroform	1.6	U	0.74	3.9
Tetrahydrofuran	2.4	U	2.1	59
1,1,1-Trichloroethane	1.7	U	0.65	4.4
Cyclohexane	0.44	J D	0.14	2.8
Carbon tetrachloride	0.75	U	0.28	5.0
2,2,4-Trimethylpentane	0.56	U	0.43	3.7
Benzene	1.4	J D	0.37	2.6
1,2-Dichloroethane	1.3	U	0.84	3.2
n-Heptane	1.3	U	0.61	3.3
Trichloroethene	0.64	U	0.64	4.3
Methyl methacrylate	3.3	U	1.6	8.2
1,2-Dichloropropane	1.5	U	0.65	3.7
1,4-Dioxane	2.9	U	2.3	72
Bromodichloromethane	0.80	U	0.78	5.4
cis-1,3-Dichloropropene	0.54	U	0.53	3.6
methyl isobutyl ketone	3.3	U	2.9	8.2
Toluene	0.68	J D	0.38	3.0
trans-1,3-Dichloropropene	0.54	U	0.47	3.6
1,1,2-Trichloroethane	1.7	U	0.81	4.4
Tetrachloroethene	0.81	U	0.81	5.4
Methyl Butyl Ketone (2-Hexanone)	3.3	U	2.8	8.2
Dibromochloromethane	1.0	U	0.68	6.8
1,2-Dibromoethane	0.92	U	0.55	6.1
Chlorobenzene	0.55	U	0.33	3.7
Ethylbenzene	0.52	U	0.35	3.5
m,p-Xylene	1.0	U	0.43	8.7
Xylene, o-	0.52	U	0.31	3.5
Xylene (total)	1.6	U	0.71	3.5
Styrene	0.51	U	0.27	3.4
Bromoform	1.2	U	1.0	8.3
Cumene	0.59	U	0.37	3.9
1,1,2,2-Tetrachloroethane	2.2	U	0.93	5.5
n-Propylbenzene	0.59	U	0.53	3.9
4-Ethyltoluene	0.59	U	0.39	3.9
1,3,5-Trimethylbenzene	0.59	U	0.37	3.9
2-Chlorotoluene	1.7	U	0.64	4.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0301MA**

Lab Sample ID: 280-64806-13
Client Matrix: Air

Date Sampled: 01/22/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_09.D
Dilution:	4.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1536			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1536			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.66	U	0.44	4.4
1,2,4-Trimethylbenzene	0.59	U	0.31	3.9
sec-Butylbenzene	0.66	U	0.46	4.4
4-Isopropyltoluene	0.66	U	0.44	4.4
1,3-Dichlorobenzene	0.72	U	0.48	4.8
1,4-Dichlorobenzene	0.72	U	0.46	4.8
Benzyl chloride	0.62	U	0.37	4.1
n-Butylbenzene	0.66	U	0.61	4.4
1,2-Dichlorobenzene	0.72	U	0.43	4.8
1,2,4-Trichlorobenzene	2.4	U	1.0	15
Hexachlorobutadiene	3.4	U	1.5	8.5
Naphthalene	1.7	U	0.63	10

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MC**

Lab Sample ID: 280-64806-14
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_25a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0911			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0911			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.50		0.056	0.50
Freon 22	1.3		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.28	J M	0.060	0.50
n-Butane	0.84		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.23	M	0.045	0.20
Freon TF	0.061	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	4.8	J	0.69	5.0
Isopropyl alcohol	7.3		0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	J M	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.16	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.73		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.67	J	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.11	J M	0.010	0.20
Carbon tetrachloride	0.081	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.24	M	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.92		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MC**

Lab Sample ID: 280-64806-14
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_25a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0911			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0911			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.22		0.020	0.20
m,p-Xylene	0.92		0.025	0.50
Xylene, o-	0.31		0.018	0.20
Xylene (total)	1.2		0.041	0.20
Styrene	0.070	J M	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.067	J	0.020	0.20
1,3,5-Trimethylbenzene	0.081	J	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.27		0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.28	2.5
Freon 22	4.5		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.58	J M	0.12	1.0
n-Butane	2.0		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3	M	0.25	1.1
Freon TF	0.47	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	11	J	1.6	12
Isopropyl alcohol	18		0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MC**

Lab Sample ID: 280-64806-14
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_25a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0911			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0911			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	J M	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.56	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	2.1		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	2.0	J	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.38	J M	0.034	0.69
Carbon tetrachloride	0.51	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.75	M	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	3.5		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.95		0.087	0.87
m,p-Xylene	4.0		0.11	2.2
Xylene, o-	1.3		0.078	0.87
Xylene (total)	5.3		0.18	0.87
Styrene	0.30	J M	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.33	J	0.098	0.98
1,3,5-Trimethylbenzene	0.40	J	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MC**

Lab Sample ID: 280-64806-14
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_25a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0911			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0911			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	1.3		0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MA**

Lab Sample ID: 280-64806-15
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_24a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0819			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0819			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54		0.056	0.50
Freon 22	1.4		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.37	J M	0.060	0.50
n-Butane	0.89		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.21	M	0.045	0.20
Freon TF	0.056	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	9.0		0.69	5.0
Isopropyl alcohol	5.5		0.15	5.0
Carbon disulfide	1.5		0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	J M	0.12	0.50
tert-Butyl alcohol	0.31	J M	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.20		0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	3.0		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	1.0	J	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.14	J M	0.010	0.20
Carbon tetrachloride	0.068	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.26		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.18	J M	0.037	0.20
Trichloroethene	0.053	J M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.27	J	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.22	J	0.18	0.50
Toluene	1.4		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MA**

Lab Sample ID: 280-64806-15
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_24a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0819			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0819			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.32		0.020	0.20
m,p-Xylene	1.1		0.025	0.50
Xylene, o-	0.34		0.018	0.20
Xylene (total)	1.4		0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.034	J	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.11	J	0.020	0.20
1,3,5-Trimethylbenzene	0.081	J M	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.26		0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.30		0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.063	J	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.28	2.5
Freon 22	4.9		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.76	J M	0.12	1.0
n-Butane	2.1		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.2	M	0.25	1.1
Freon TF	0.43	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	21		1.6	12
Isopropyl alcohol	13		0.37	12
Carbon disulfide	4.8		0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MA**

Lab Sample ID: 280-64806-15
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_24a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0819			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0819			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.71	J M	0.42	1.7
tert-Butyl alcohol	0.95	J M	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.72		0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	8.9		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	3.0	J	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.47	J M	0.034	0.69
Carbon tetrachloride	0.43	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.82		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.72	J M	0.15	0.82
Trichloroethene	0.29	J M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.99	J	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.91	J	0.74	2.0
Toluene	5.2		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	1.4		0.087	0.87
m,p-Xylene	4.9		0.11	2.2
Xylene, o-	1.5		0.078	0.87
Xylene (total)	6.3		0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.17	J	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.55	J	0.098	0.98
1,3,5-Trimethylbenzene	0.40	J M	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MA**

Lab Sample ID: 280-64806-15
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_24a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0819			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0819			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	1.3		0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	1.7		0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.38	J	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0201MA**

Lab Sample ID: 280-64806-16
Client Matrix: Air

Date Sampled: 01/22/2015 1244
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_18a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0122			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0122			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.056	0.50
Freon 22	2.9		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.59		0.060	0.50
n-Butane	1.0		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.22	M	0.045	0.20
Freon TF	0.070	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	3.7	J	0.69	5.0
Isopropyl alcohol	6.6		0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.091	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.21	M	0.010	0.20
Carbon tetrachloride	0.094	J M	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.23	M	0.029	0.20
1,2-Dichloroethane	0.055	J	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.077	J M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.23		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0201MA**

Lab Sample ID: 280-64806-16
Client Matrix: Air

Date Sampled: 01/22/2015 1244
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_18a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0122			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0122			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.092	J	0.020	0.20
m,p-Xylene	0.25	J	0.025	0.50
Xylene, o-	0.085	J M	0.018	0.20
Xylene (total)	0.34		0.041	0.20
Styrene	0.16	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.031	J	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.061	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.13	J	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	10		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.2		0.12	1.0
n-Butane	2.5		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.2	M	0.25	1.1
Freon TF	0.54	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	8.8	J	1.6	12
Isopropyl alcohol	16		0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0201MA**

Lab Sample ID: 280-64806-16
Client Matrix: Air

Date Sampled: 01/22/2015 1244
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_18a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0122			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0122			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.32	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.72	M	0.034	0.69
Carbon tetrachloride	0.59	J M	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.75	M	0.093	0.64
1,2-Dichloroethane	0.22	J	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.42	J M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.85		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.40	J	0.087	0.87
m,p-Xylene	1.1	J	0.11	2.2
Xylene, o-	0.37	J M	0.078	0.87
Xylene (total)	1.5		0.18	0.87
Styrene	0.67	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	J	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0201MA**

Lab Sample ID: 280-64806-16
Client Matrix: Air

Date Sampled: 01/22/2015 1244
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_18a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0122			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0122			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.30	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.68	J	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0301MA**

Lab Sample ID: 280-64806-17
Client Matrix: Air

Date Sampled: 01/22/2015 1255
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_19a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0214			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0214			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54		0.056	0.50
Freon 22	2.6		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.68		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.24	M	0.045	0.20
Freon TF	0.069	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	8.9		0.69	5.0
Isopropyl alcohol	8.2		0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	2.0		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.23	M	0.010	0.20
Carbon tetrachloride	0.077	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.17	J	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.39	M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.22	M	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0301MA**

Lab Sample ID: 280-64806-17
Client Matrix: Air

Date Sampled: 01/22/2015 1255
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_19a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0214			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0214			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.21	J M	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.068	J	0.020	0.20
m,p-Xylene	0.17	J M	0.025	0.50
Xylene, o-	0.080	J M	0.018	0.20
Xylene (total)	0.25		0.041	0.20
Styrene	0.072	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.050	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.28	2.5
Freon 22	9.2		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	1.6		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3	M	0.25	1.1
Freon TF	0.53	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	21		1.6	12
Isopropyl alcohol	20		0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0301MA**

Lab Sample ID: 280-64806-17
Client Matrix: Air

Date Sampled: 01/22/2015 1255
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_19a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0214			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0214			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	5.9		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.80	M	0.034	0.69
Carbon tetrachloride	0.49	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.54	J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	2.1	M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.82	M	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.86	J M	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.30	J	0.087	0.87
m,p-Xylene	0.72	J M	0.11	2.2
Xylene, o-	0.35	J M	0.078	0.87
Xylene (total)	1.1		0.18	0.87
Styrene	0.31	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0301MA**

Lab Sample ID: 280-64806-17
Client Matrix: Air

Date Sampled: 01/22/2015 1255
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_19a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0214			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0214			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.25	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774IA1MA**

Lab Sample ID: 280-64806-18
Client Matrix: Air

Date Sampled: 01/22/2015 0805
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-024.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0329			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0329			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.056	0.50
Freon 22	0.57		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.55		0.060	0.50
n-Butane	0.88		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.39		0.045	0.20
Freon TF	0.088	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	4.8	J	0.69	5.0
Isopropyl alcohol	0.66	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.25	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.70		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.072	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.21		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.15	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774IA1MA**

Lab Sample ID: 280-64806-18
Client Matrix: Air

Date Sampled: 01/22/2015 0805
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-024.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0329			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0329			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.035	J	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	2.0		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.1		0.12	1.0
n-Butane	2.1		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	2.2		0.25	1.1
Freon TF	0.67	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	11	J	1.6	12
Isopropyl alcohol	1.6	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774IA1MA**

Lab Sample ID: 280-64806-18
Client Matrix: Air

Date Sampled: 01/22/2015 0805
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-024.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0329			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0329			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.88	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	2.1		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.45	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.68		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.58	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.15	J	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774IA1MA**

Lab Sample ID: 280-64806-18
Client Matrix: Air

Date Sampled: 01/22/2015 0805
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-024.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0329			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0329			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774776OA1MA**

Lab Sample ID: 280-64806-19
Client Matrix: Air

Date Sampled: 01/22/2015 0800
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-025.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0416			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0416			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.55		0.056	0.50
Freon 22	0.24	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.53		0.060	0.50
n-Butane	0.58		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.24		0.045	0.20
Freon TF	0.069	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.24	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.072	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.20		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.13	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774776OA1MA**

Lab Sample ID: 280-64806-19
Client Matrix: Air

Date Sampled: 01/22/2015 0800
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-025.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0416			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0416			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.28	2.5
Freon 22	0.86	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.1		0.12	1.0
n-Butane	1.4		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.4		0.25	1.1
Freon TF	0.53	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774776OA1MA**

Lab Sample ID: 280-64806-19
Client Matrix: Air

Date Sampled: 01/22/2015 0800
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-025.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0416			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0416			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.82	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.45	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.63		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.49	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774776OA1MA**

Lab Sample ID: 280-64806-19
Client Matrix: Air

Date Sampled: 01/22/2015 0800
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-025.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0416			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0416			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776IA1MA**

Lab Sample ID: 280-64806-20
Client Matrix: Air

Date Sampled: 01/22/2015 0810
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-026.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0502			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0502			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.56		0.056	0.50
Freon 22	2.8		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.63		0.060	0.50
n-Butane	1.0		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.24		0.045	0.20
Freon TF	0.061	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	9.1		0.69	5.0
Isopropyl alcohol	7.5		0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.71		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.091	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.21		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.064	J	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.21		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776IA1MA**

Lab Sample ID: 280-64806-20
Client Matrix: Air

Date Sampled: 01/22/2015 0810
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-026.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0502			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0502			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.057	J	0.020	0.20
m,p-Xylene	0.12	J	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.12	J	0.041	0.20
Styrene	0.055	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.28	2.5
Freon 22	10		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.3		0.12	1.0
n-Butane	2.5		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3		0.25	1.1
Freon TF	0.46	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	22		1.6	12
Isopropyl alcohol	18		0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776IA1MA**

Lab Sample ID: 280-64806-20
Client Matrix: Air

Date Sampled: 01/22/2015 0810
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-026.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0502			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0502			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	2.1		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.57	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.67		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.35	J	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.80		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.25	J	0.087	0.87
m,p-Xylene	0.54	J	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.52	J	0.18	0.87
Styrene	0.23	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776IA1MA**

Lab Sample ID: 280-64806-20
Client Matrix: Air

Date Sampled: 01/22/2015 0810
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-026.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0502			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0502			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NA**

Lab Sample ID: 280-64806-21
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_11.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1743			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1743			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.62		0.056	0.50
Freon 22	0.29	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.45	J	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.23		0.045	0.20
Freon TF	0.089	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.3	J	0.69	5.0
Isopropyl alcohol	0.58	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.17	J M	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.045	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.47	J	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.78		0.038	0.20
Tetrahydrofuran	0.44	J	0.18	5.0
1,1,1-Trichloroethane	0.10	J	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.051	J M	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.20		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.055	J	0.037	0.20
Trichloroethene	1.2		0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.23		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NA**

Lab Sample ID: 280-64806-21
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_11.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1743			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1743			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.074	J	0.025	0.50
Xylene, o-	0.027	J	0.018	0.20
Xylene (total)	0.10	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.1		0.28	2.5
Freon 22	1.0	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	1.1	J	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3		0.25	1.1
Freon TF	0.68	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.5	J	1.6	12
Isopropyl alcohol	1.4	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NA**

Lab Sample ID: 280-64806-21
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_11.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1743			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1743			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.58	J M	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.16	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	1.4	J	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	3.8		0.19	0.98
Tetrahydrofuran	1.3	J	0.53	15
1,1,1-Trichloroethane	0.55	J	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.32	J M	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.63		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.23	J	0.15	0.82
Trichloroethene	6.3		0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.87		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.32	J	0.11	2.2
Xylene, o-	0.12	J	0.078	0.87
Xylene (total)	0.44	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NA**

Lab Sample ID: 280-64806-21
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_11.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1743			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1743			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0302NA**

Lab Sample ID: 280-64806-22
Client Matrix: Air

Date Sampled: 01/26/2015 1420
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_12.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1834			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1834			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.60		0.056	0.50
Freon 22	0.29	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.32	J	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.26		0.045	0.20
Freon TF	0.085	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	3.3	J	0.69	5.0
Isopropyl alcohol	1.4	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.18	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.27		0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.70		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.43	J	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.077	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.22		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.16	J M	0.037	0.20
Trichloroethene	0.044	J M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.12	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0302NA**

Lab Sample ID: 280-64806-22
Client Matrix: Air

Date Sampled: 01/26/2015 1420
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_12.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1834			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1834			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.097	J	0.025	0.50
Xylene, o-	0.026	J	0.018	0.20
Xylene (total)	0.12	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.078	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0		0.28	2.5
Freon 22	1.0	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.76	J	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.4		0.25	1.1
Freon TF	0.65	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	7.8	J	1.6	12
Isopropyl alcohol	3.4	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0302NA**

Lab Sample ID: 280-64806-22
Client Matrix: Air

Date Sampled: 01/26/2015 1420
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_12.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1834			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1834			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.63	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.96		0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	2.1		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	1.3	J	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.49	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.71		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.67	J M	0.15	0.82
Trichloroethene	0.24	J M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.44	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.42	J	0.11	2.2
Xylene, o-	0.11	J	0.078	0.87
Xylene (total)	0.53	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0302NA**

Lab Sample ID: 280-64806-22
Client Matrix: Air

Date Sampled: 01/26/2015 1420
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_12.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1834			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1834			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.38	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0102NA**

Lab Sample ID: 280-64806-23
Client Matrix: Air

Date Sampled: 01/27/2015 1505
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_20a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0306			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0306			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.48	J	0.056	0.50
Freon 22	0.19	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.080	U	0.045	0.20
Freon TF	0.049	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	1.6	J M	0.69	5.0
Isopropyl alcohol	0.88	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.14	J M	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.23		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0102NA**

Lab Sample ID: 280-64806-23
Client Matrix: Air

Date Sampled: 01/27/2015 1505
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_20a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0306			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0306			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.054	J	0.020	0.20
m,p-Xylene	0.16	J	0.025	0.50
Xylene, o-	0.032	J	0.018	0.20
Xylene (total)	0.19	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.098	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.4	J	0.28	2.5
Freon 22	0.68	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	0.45	U	0.25	1.1
Freon TF	0.38	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	3.7	J M	1.6	12
Isopropyl alcohol	2.2	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0102NA**

Lab Sample ID: 280-64806-23
Client Matrix: Air

Date Sampled: 01/27/2015 1505
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_20a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0306			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0306			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.43	J M	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.85		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.24	J	0.087	0.87
m,p-Xylene	0.69	J	0.11	2.2
Xylene, o-	0.14	J	0.078	0.87
Xylene (total)	0.83	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0102NA**

Lab Sample ID: 280-64806-23
Client Matrix: Air

Date Sampled: 01/27/2015 1505
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_20a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0306			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0306			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.48	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785IA14**

Lab Sample ID: 280-64806-24
Client Matrix: Air

Date Sampled: 01/26/2015 1005
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-005.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1407			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1407			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.52		0.056	0.50
Freon 22	0.24	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.52		0.060	0.50
n-Butane	2.5		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.22		0.045	0.20
Freon TF	0.059	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.25	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.64		0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.075	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.20		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.26		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785IA14**

Lab Sample ID: 280-64806-24
Client Matrix: Air

Date Sampled: 01/26/2015 1005
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-005.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1407			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1407			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.048	J M	0.020	0.20
m,p-Xylene	0.12	J	0.025	0.50
Xylene, o-	0.046	J	0.018	0.20
Xylene (total)	0.17	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.042	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	0.84	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.1		0.12	1.0
n-Butane	5.9		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.2		0.25	1.1
Freon TF	0.45	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785IA14**

Lab Sample ID: 280-64806-24
Client Matrix: Air

Date Sampled: 01/26/2015 1005
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-005.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1407			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1407			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.88	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	2.2		0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.47	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.64		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.97		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.21	J M	0.087	0.87
m,p-Xylene	0.53	J	0.11	2.2
Xylene, o-	0.20	J	0.078	0.87
Xylene (total)	0.72	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785IA14**

Lab Sample ID: 280-64806-24
Client Matrix: Air

Date Sampled: 01/26/2015 1005
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-005.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1407			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1407			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.21	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786IA13**

Lab Sample ID: 280-64806-25
Client Matrix: Air

Date Sampled: 01/26/2015 1000
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_13.D
Dilution:	1.0			Initial Weight/Volume:	294 mL
Analysis Date:	02/02/2015 1925			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1925			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.60		0.056	0.50
Freon 22	0.28	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.72		0.060	0.50
n-Butane	0.89		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.25		0.045	0.20
Freon TF	0.086	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.9	J	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.21	J	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	J M	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.11	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.36	J M	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.087	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.16	J	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.064	J	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.14	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786IA13**

Lab Sample ID: 280-64806-25
Client Matrix: Air

Date Sampled: 01/26/2015 1000
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_13.D
Dilution:	1.0			Initial Weight/Volume:	294 mL
Analysis Date:	02/02/2015 1925			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1925			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.049	J	0.020	0.20
m,p-Xylene	0.085	J	0.025	0.50
Xylene, o-	0.031	J	0.018	0.20
Xylene (total)	0.12	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0		0.28	2.5
Freon 22	1.0	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.5		0.12	1.0
n-Butane	2.1		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.4		0.25	1.1
Freon TF	0.66	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	6.8	J	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.66	J	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786IA13**

Lab Sample ID: 280-64806-25
Client Matrix: Air

Date Sampled: 01/26/2015 1000
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_13.D
Dilution:	1.0			Initial Weight/Volume:	294 mL
Analysis Date:	02/02/2015 1925			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1925			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.70	J M	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.37	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	1.1	J M	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.55	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.52	J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.26	J	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.51	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.21	J	0.087	0.87
m,p-Xylene	0.37	J	0.11	2.2
Xylene, o-	0.14	J	0.078	0.87
Xylene (total)	0.50	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786IA13**

Lab Sample ID: 280-64806-25
Client Matrix: Air

Date Sampled: 01/26/2015 1000
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_13.D
Dilution:	1.0			Initial Weight/Volume:	294 mL
Analysis Date:	02/02/2015 1925			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1925			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785786OA10**

Lab Sample ID: 280-64806-26
Client Matrix: Air

Date Sampled: 01/26/2015 0955
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-006.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1453			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1453			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.57		0.056	0.50
Freon 22	0.26	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.61		0.060	0.50
n-Butane	0.54		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.23		0.045	0.20
Freon TF	0.063	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.080	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.16	J	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.074	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785786OA10**

Lab Sample ID: 280-64806-26
Client Matrix: Air

Date Sampled: 01/26/2015 0955
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-006.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1453			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1453			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.28	2.5
Freon 22	0.93	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.3		0.12	1.0
n-Butane	1.3		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3		0.25	1.1
Freon TF	0.49	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785786OA10**

Lab Sample ID: 280-64806-26
Client Matrix: Air

Date Sampled: 01/26/2015 0955
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-006.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1453			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1453			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.50	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.50	J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.28	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785786OA10**

Lab Sample ID: 280-64806-26
Client Matrix: Air

Date Sampled: 01/26/2015 0955
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-006.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1453			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1453			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0202NA**

Lab Sample ID: 280-64806-27
Client Matrix: Air

Date Sampled: 01/26/2015 1520
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_21a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0357			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0357			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.48	J	0.056	0.50
Freon 22	0.21	J M	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	1.0		0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.22	M	0.045	0.20
Freon TF	0.055	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	3.2	J	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.21	J	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.21		0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.74		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	2.8	J	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.067	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.12	J M	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.11	J M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.34	M	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0202NA**

Lab Sample ID: 280-64806-27
Client Matrix: Air

Date Sampled: 01/26/2015 1520
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_21a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0357			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0357			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.098	J	0.020	0.20
m,p-Xylene	0.26	J	0.025	0.50
Xylene, o-	0.12	J M	0.018	0.20
Xylene (total)	0.38		0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.15	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.4	J	0.28	2.5
Freon 22	0.75	J M	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	2.2		0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.2	M	0.25	1.1
Freon TF	0.42	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	7.7	J	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.65	J	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0202NA**

Lab Sample ID: 280-64806-27
Client Matrix: Air

Date Sampled: 01/26/2015 1520
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_21a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0357			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0357			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.74		0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	2.2		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	8.2	J	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.42	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.37	J M	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.60	J M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	1.3	M	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.42	J	0.087	0.87
m,p-Xylene	1.1	J	0.11	2.2
Xylene, o-	0.53	J M	0.078	0.87
Xylene (total)	1.7		0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0202NA**

Lab Sample ID: 280-64806-27
Client Matrix: Air

Date Sampled: 01/26/2015 1520
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_21a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0357			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0357			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.72	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0501NA**

Lab Sample ID: 280-64806-28
Client Matrix: Air

Date Sampled: 01/26/2015 1530
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_22a.D
Dilution:	4.55			Initial Weight/Volume:	44 mL
Analysis Date:	01/30/2015 0449			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0449			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.45	J D	0.25	2.3
Freon 22	0.91	U	0.36	2.3
1,2-Dichlorotetrafluoroethane	0.36	U	0.24	0.91
Chloromethane	0.91	U	0.27	2.3
n-Butane	0.91	U	0.82	2.3
Vinyl chloride	0.14	U	0.12	0.91
1,3-Butadiene	0.36	U	0.16	0.91
Bromomethane	0.36	U	0.20	0.91
Chloroethane	0.36	U	0.28	2.3
Bromoethene(Vinyl Bromide)	0.14	U	0.091	0.91
Trichlorofluoromethane	0.36	U	0.20	0.91
Freon TF	0.36	U	0.19	0.91
1,1-Dichloroethene	0.14	U	0.046	0.91
Acetone	23	D	3.1	23
Isopropyl alcohol	3.3	J D	0.68	23
Carbon disulfide	0.36	U	0.14	2.3
3-Chloropropene	0.91	U	0.73	2.3
Methylene Chloride	0.91	U	0.55	2.3
tert-Butyl alcohol	0.91	U	0.55	23
Methyl tert-butyl ether	0.14	U	0.10	0.91
trans-1,2-Dichloroethene	0.14	U	0.12	0.91
n-Hexane	0.14	U	0.13	0.91
1,1-Dichloroethane	0.14	U	0.13	0.91
Methyl Ethyl Ketone	4.4	D	0.42	2.3
cis-1,2-Dichloroethene	0.36	U	0.14	0.91
1,2-Dichloroethene, Total	0.36	U	0.24	0.91
Chloroform	0.36	U	0.17	0.91
Tetrahydrofuran	77	D	0.82	23
1,1,1-Trichloroethane	0.36	U	0.14	0.91
Cyclohexane	0.14	U	0.046	0.91
Carbon tetrachloride	0.14	U	0.050	0.91
2,2,4-Trimethylpentane	0.14	U	0.10	0.91
Benzene	1.0	D	0.13	0.91
1,2-Dichloroethane	0.36	U	0.24	0.91
n-Heptane	0.36	U	0.17	0.91
Trichloroethene	7.6	D	0.14	0.91
Methyl methacrylate	0.91	U	0.44	2.3
1,2-Dichloropropane	0.36	U	0.16	0.91
1,4-Dioxane	0.91	U	0.73	23
Bromodichloromethane	0.14	U	0.13	0.91
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.91	U	0.82	2.3
Toluene	3.9	D	0.11	0.91
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.36	U	0.17	0.91
Tetrachloroethene	0.14	U	0.14	0.91

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0501NA**

Lab Sample ID: 280-64806-28
Client Matrix: Air

Date Sampled: 01/26/2015 1530
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_22a.D
Dilution:	4.55			Initial Weight/Volume:	44 mL
Analysis Date:	01/30/2015 0449			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0449			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.91	U	0.77	2.3
Dibromochloromethane	0.14	U	0.091	0.91
1,2-Dibromoethane	0.14	U	0.082	0.91
Chlorobenzene	0.14	U	0.082	0.91
Ethylbenzene	0.50	J D	0.091	0.91
m,p-Xylene	1.4	J D M	0.11	2.3
Xylene, o-	0.49	J D	0.082	0.91
Xylene (total)	1.9		0.19	0.91
Styrene	0.91	D	0.073	0.91
Bromoform	0.14	U	0.11	0.91
Cumene	0.14	U	0.086	0.91
1,1,2,2-Tetrachloroethane	0.36	U	0.15	0.91
n-Propylbenzene	0.14	U	0.12	0.91
4-Ethyltoluene	0.14	U	0.091	0.91
1,3,5-Trimethylbenzene	0.14	U	0.086	0.91
2-Chlorotoluene	0.36	U	0.14	0.91
tert-Butylbenzene	0.14	U	0.091	0.91
1,2,4-Trimethylbenzene	0.22	J D	0.073	0.91
sec-Butylbenzene	0.14	U	0.096	0.91
4-Isopropyltoluene	0.14	U	0.091	0.91
1,3-Dichlorobenzene	0.14	U	0.091	0.91
1,4-Dichlorobenzene	0.14	U	0.086	0.91
Benzyl chloride	0.14	U	0.082	0.91
n-Butylbenzene	0.14	U	0.13	0.91
1,2-Dichlorobenzene	0.14	U	0.082	0.91
1,2,4-Trichlorobenzene	0.36	U	0.15	2.3
Hexachlorobutadiene	0.36	U	0.16	0.91
Naphthalene	0.36	U	0.14	2.3

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.2	J D	1.3	11
Freon 22	3.2	U	1.3	8.0
1,2-Dichlorotetrafluoroethane	2.5	U	1.7	6.4
Chloromethane	1.9	U	0.56	4.7
n-Butane	2.2	U	1.9	5.4
Vinyl chloride	0.35	U	0.30	2.3
1,3-Butadiene	0.81	U	0.36	2.0
Bromomethane	1.4	U	0.78	3.5
Chloroethane	0.96	U	0.73	6.0
Bromoethene(Vinyl Bromide)	0.60	U	0.40	4.0
Trichlorofluoromethane	2.0	U	1.2	5.1
Freon TF	2.8	U	1.4	7.0
1,1-Dichloroethene	0.54	U	0.18	3.6
Acetone	54	D	7.5	54
Isopropyl alcohol	8.1	J D	1.7	56
Carbon disulfide	1.1	U	0.43	7.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0501NA**

Lab Sample ID: 280-64806-28
Client Matrix: Air

Date Sampled: 01/26/2015 1530
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_22a.D
Dilution:	4.55			Initial Weight/Volume:	44 mL
Analysis Date:	01/30/2015 0449			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0449			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	2.8	U	2.3	7.1
Methylene Chloride	3.2	U	1.9	7.9
tert-Butyl alcohol	2.8	U	1.7	69
Methyl tert-butyl ether	0.49	U	0.36	3.3
trans-1,2-Dichloroethene	0.54	U	0.49	3.6
n-Hexane	0.48	U	0.45	3.2
1,1-Dichloroethane	0.55	U	0.52	3.7
Methyl Ethyl Ketone	13	D	1.2	6.7
cis-1,2-Dichloroethene	1.4	U	0.54	3.6
1,2-Dichloroethene, Total	1.4	U	0.96	3.6
Chloroform	1.8	U	0.84	4.4
Tetrahydrofuran	230	D	2.4	67
1,1,1-Trichloroethane	2.0	U	0.74	5.0
Cyclohexane	0.47	U	0.16	3.1
Carbon tetrachloride	0.86	U	0.31	5.7
2,2,4-Trimethylpentane	0.64	U	0.49	4.3
Benzene	3.3	D	0.42	2.9
1,2-Dichloroethane	1.5	U	0.96	3.7
n-Heptane	1.5	U	0.69	3.7
Trichloroethene	41	D	0.73	4.9
Methyl methacrylate	3.7	U	1.8	9.3
1,2-Dichloropropane	1.7	U	0.74	4.2
1,4-Dioxane	3.3	U	2.6	82
Bromodichloromethane	0.91	U	0.88	6.1
cis-1,3-Dichloropropene	0.62	U	0.60	4.1
methyl isobutyl ketone	3.7	U	3.4	9.3
Toluene	15	D	0.43	3.4
trans-1,3-Dichloropropene	0.62	U	0.54	4.1
1,1,2-Trichloroethane	2.0	U	0.92	5.0
Tetrachloroethene	0.93	U	0.93	6.2
Methyl Butyl Ketone (2-Hexanone)	3.7	U	3.2	9.3
Dibromochloromethane	1.2	U	0.78	7.8
1,2-Dibromoethane	1.0	U	0.63	7.0
Chlorobenzene	0.63	U	0.38	4.2
Ethylbenzene	2.2	J D	0.40	4.0
m,p-Xylene	6.0	J D M	0.49	9.9
Xylene, o-	2.1	J D	0.36	4.0
Xylene (total)	8.2		0.81	4.0
Styrene	3.9	D	0.31	3.9
Bromoform	1.4	U	1.2	9.4
Cumene	0.67	U	0.42	4.5
1,1,2,2-Tetrachloroethane	2.5	U	1.1	6.2
n-Propylbenzene	0.67	U	0.60	4.5
4-Ethyltoluene	0.67	U	0.45	4.5
1,3,5-Trimethylbenzene	0.67	U	0.43	4.5
2-Chlorotoluene	1.9	U	0.73	4.7

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0501NA**

Lab Sample ID: 280-64806-28
Client Matrix: Air

Date Sampled: 01/26/2015 1530
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_22a.D
Dilution:	4.55			Initial Weight/Volume:	44 mL
Analysis Date:	01/30/2015 0449			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0449			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.75	U	0.50	5.0
1,2,4-Trimethylbenzene	1.1	J D	0.36	4.5
sec-Butylbenzene	0.75	U	0.52	5.0
4-Isopropyltoluene	0.75	U	0.50	5.0
1,3-Dichlorobenzene	0.82	U	0.55	5.5
1,4-Dichlorobenzene	0.82	U	0.52	5.5
Benzyl chloride	0.71	U	0.42	4.7
n-Butylbenzene	0.75	U	0.70	5.0
1,2-Dichlorobenzene	0.82	U	0.49	5.5
1,2,4-Trichlorobenzene	2.7	U	1.1	17
Hexachlorobutadiene	3.9	U	1.7	9.7
Naphthalene	1.9	U	0.72	12

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0401NA**

Lab Sample ID: 280-64806-29
Client Matrix: Air

Date Sampled: 01/26/2015 1525
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_23a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0541			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0541			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.49	J	0.056	0.50
Freon 22	0.23	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.50	M	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.20	M	0.045	0.20
Freon TF	0.072	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	9.4		0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.51	M	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.22	J M	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.29		0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	2.6		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	6.6		0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.072	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.20	M	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.22	M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.50		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0401NA**

Lab Sample ID: 280-64806-29
Client Matrix: Air

Date Sampled: 01/26/2015 1525
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_23a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0541			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0541			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.094	J	0.020	0.20
m,p-Xylene	0.27	J	0.025	0.50
Xylene, o-	0.11	J	0.018	0.20
Xylene (total)	0.38		0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.10	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.4	J	0.28	2.5
Freon 22	0.82	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	1.2	M	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.1	M	0.25	1.1
Freon TF	0.55	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	22		1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	1.6	M	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0401NA**

Lab Sample ID: 280-64806-29
Client Matrix: Air

Date Sampled: 01/26/2015 1525
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_23a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0541			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0541			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.76	J M	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	1.0		0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	7.6		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	19		0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.46	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.63	M	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	1.2	M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	1.9		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.41	J	0.087	0.87
m,p-Xylene	1.2	J	0.11	2.2
Xylene, o-	0.48	J	0.078	0.87
Xylene (total)	1.7		0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0401NA**

Lab Sample ID: 280-64806-29
Client Matrix: Air

Date Sampled: 01/26/2015 1525
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_23a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0541			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0541			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.51	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NC**

Lab Sample ID: 280-64806-30
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_14.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 2016			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 2016			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.056	0.50
Freon 22	0.24	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.42	J	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.19	J M	0.045	0.20
Freon TF	0.090	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	1.1	J	0.69	5.0
Isopropyl alcohol	0.50	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.19	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.091	J M	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.25	J	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.70		0.038	0.20
Tetrahydrofuran	0.28	J	0.18	5.0
1,1,1-Trichloroethane	0.080	J	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.047	J M	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.18	J	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.053	J	0.037	0.20
Trichloroethene	0.98		0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.18	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NC**

Lab Sample ID: 280-64806-30
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_14.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 2016			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 2016			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.037	J	0.020	0.20
m,p-Xylene	0.091	J	0.025	0.50
Xylene, o-	0.041	J	0.018	0.20
Xylene (total)	0.13	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.033	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	0.85	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	1.0	J	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.1	J M	0.25	1.1
Freon TF	0.69	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	2.7	J	1.6	12
Isopropyl alcohol	1.2	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NC**

Lab Sample ID: 280-64806-30
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_14.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 2016			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 2016			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.65	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.32	J M	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.74	J	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	3.4		0.19	0.98
Tetrahydrofuran	0.84	J	0.53	15
1,1,1-Trichloroethane	0.44	J	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.30	J M	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.57	J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.22	J	0.15	0.82
Trichloroethene	5.2		0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.67	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.16	J	0.087	0.87
m,p-Xylene	0.39	J	0.11	2.2
Xylene, o-	0.18	J	0.078	0.87
Xylene (total)	0.57	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NC**

Lab Sample ID: 280-64806-30
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_14.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 2016			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 2016			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.16	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **012615TB**

Lab Sample ID: 280-64806-31TB
Client Matrix: Air

Date Sampled: 01/26/2015 0900
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-007.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1539			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1539			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.20	U	0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.080	U	0.045	0.20
Freon TF	0.080	U	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.030	U	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.030	U	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **012615TB**

Lab Sample ID: 280-64806-31TB
Client Matrix: Air

Date Sampled: 01/26/2015 0900
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-007.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1539			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1539			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.99	U	0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	0.45	U	0.25	1.1
Freon TF	0.61	U	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **012615TB**

Lab Sample ID: 280-64806-31TB
Client Matrix: Air

Date Sampled: 01/26/2015 0900
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-007.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1539			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1539			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.096	U	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.11	U	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **012615TB**

Lab Sample ID: 280-64806-31TB
Client Matrix: Air

Date Sampled: 01/26/2015 0900
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-007.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1539			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1539			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83910

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83910/4	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11847-004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/28/2015 1206	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/28/2015 1206			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.20	U	0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.080	U	0.045	0.20
Freon TF	0.080	U	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.030	U	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.030	U	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83910

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83910/4	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11847-004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/28/2015 1206	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/28/2015 1206			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.030	U	0.030	0.20
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83910

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83910/4	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11847-004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/28/2015 1206	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	01/28/2015 1206			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.99	U	0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	0.45	U	0.25	1.1
Freon TF	0.61	U	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.096	U	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.11	U	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83910

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83910/4	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11847-004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/28/2015 1206	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	01/28/2015 1206			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-83910

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-83910/3	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11847-003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/28/2015 1120	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/28/2015 1120			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	10.6	106	70 - 130	
Freon 22	10.0	10.0	100	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	10.8	108	70 - 130	
Chloromethane	10.0	8.88	89	70 - 130	
n-Butane	10.0	9.81	98	70 - 130	
Vinyl chloride	10.0	9.08	91	70 - 130	
1,3-Butadiene	10.0	9.52	95	70 - 130	
Bromomethane	10.0	9.39	94	70 - 130	
Chloroethane	10.0	9.39	94	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	8.91	89	70 - 130	
Trichlorofluoromethane	10.0	10.2	102	70 - 130	
Freon TF	10.0	9.53	95	70 - 130	
1,1-Dichloroethene	10.0	9.17	92	70 - 130	
Acetone	10.0	12.4	124	70 - 130	
Isopropyl alcohol	10.0	9.20	92	70 - 130	
Carbon disulfide	10.0	10.1	101	70 - 130	
3-Chloropropene	10.0	9.58	96	70 - 130	
Methylene Chloride	10.0	9.01	90	70 - 130	
tert-Butyl alcohol	10.0	9.80	98	70 - 130	
Methyl tert-butyl ether	10.0	10.7	107	70 - 130	
trans-1,2-Dichloroethene	10.0	10.6	106	70 - 130	
n-Hexane	10.0	10.3	103	70 - 130	
1,1-Dichloroethane	10.0	9.76	98	70 - 130	
Methyl Ethyl Ketone	10.0	8.90	89	70 - 130	
cis-1,2-Dichloroethene	10.0	9.57	96	70 - 130	
Chloroform	10.0	10.5	105	70 - 130	
Tetrahydrofuran	10.0	9.42	94	70 - 130	
1,1,1-Trichloroethane	10.0	10.6	106	70 - 130	
Cyclohexane	10.0	9.59	96	70 - 130	
Carbon tetrachloride	10.0	10.8	108	70 - 130	
2,2,4-Trimethylpentane	10.0	9.60	96	70 - 130	
Benzene	10.0	9.36	94	70 - 130	
1,2-Dichloroethane	10.0	11.6	116	70 - 130	
n-Heptane	10.0	9.93	99	70 - 130	
Trichloroethene	10.0	10.3	103	70 - 130	
Methyl methacrylate	10.0	10.8	109	70 - 130	
1,2-Dichloropropane	10.0	10.0	100	70 - 130	
1,4-Dioxane	10.0	9.93	99	70 - 130	
Bromodichloromethane	10.0	11.1	111	70 - 130	
cis-1,3-Dichloropropene	10.0	11.3	113	70 - 130	
methyl isobutyl ketone	10.0	10.9	109	70 - 130	
Toluene	10.0	10.0	100	70 - 130	
trans-1,3-Dichloropropene	10.0	11.2	112	70 - 130	
1,1,2-Trichloroethane	10.0	9.67	97	70 - 130	
Tetrachloroethene	10.0	10.5	105	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.4	104	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-83910

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-83910/3	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11847-003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/28/2015 1120	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/28/2015 1120			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	10.2	102	70 - 130	
1,2-Dibromoethane	10.0	10.0	100	70 - 130	
Chlorobenzene	10.0	9.83	98	70 - 130	
Ethylbenzene	10.0	10.3	103	70 - 130	
m,p-Xylene	20.0	20.2	101	70 - 130	
Xylene, o-	10.0	10.2	102	70 - 130	
Styrene	10.0	10.5	105	70 - 130	
Bromoform	10.0	10.5	105	70 - 130	
Cumene	10.0	10.3	103	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.60	96	70 - 130	
n-Propylbenzene	10.0	10.0	100	70 - 130	
4-Ethyltoluene	10.0	10.3	103	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.4	104	70 - 130	
2-Chlorotoluene	10.0	10.1	101	70 - 130	
tert-Butylbenzene	10.0	10.3	103	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.5	105	70 - 130	
sec-Butylbenzene	10.0	10.1	101	70 - 130	
4-Isopropyltoluene	10.0	10.3	103	70 - 130	
1,3-Dichlorobenzene	10.0	10.1	101	70 - 130	
1,4-Dichlorobenzene	10.0	10.2	102	70 - 130	
Benzyl chloride	10.0	10.8	108	70 - 130	
n-Butylbenzene	10.0	10.1	101	70 - 130	
1,2-Dichlorobenzene	10.0	10.1	101	70 - 130	
1,2,4-Trichlorobenzene	10.0	10.2	102	70 - 130	
Hexachlorobutadiene	10.0	10.9	109	70 - 130	
Naphthalene	10.0	9.71	97	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83982

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83982/4	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11878_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1308	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1308			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.20	U	0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.080	U	0.045	0.20
Freon TF	0.080	U	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.030	U	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.030	U	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83982

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83982/4	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11878_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1308	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1308			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.030	U	0.030	0.20
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.0207	J	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83982

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83982/4	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11878_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1308	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1308			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.99	U	0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	0.45	U	0.25	1.1
Freon TF	0.61	U	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.096	U	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.11	U	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83982

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83982/4	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11878_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1308	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1308			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.125	J	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-83982

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-83982/3	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11878_003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1218	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1218			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	10.8	108	70 - 130	
Freon 22	10.0	11.1	111	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	12.4	124	70 - 130	
Chloromethane	10.0	10.6	106	70 - 130	
n-Butane	10.0	10.7	107	70 - 130	
Vinyl chloride	10.0	11.1	111	70 - 130	
1,3-Butadiene	10.0	11.0	110	70 - 130	
Bromomethane	10.0	11.4	114	70 - 130	
Chloroethane	10.0	10.9	109	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	11.3	113	70 - 130	
Trichlorofluoromethane	10.0	11.4	114	70 - 130	
Freon TF	10.0	11.2	112	70 - 130	
1,1-Dichloroethene	10.0	11.0	110	70 - 130	
Acetone	10.0	10.3	103	70 - 130	
Isopropyl alcohol	10.0	10.5	105	70 - 130	
Carbon disulfide	10.0	12.7	127	70 - 130	
3-Chloropropene	10.0	10.6	106	70 - 130	
Methylene Chloride	10.0	11.0	110	70 - 130	
tert-Butyl alcohol	10.0	10.8	108	70 - 130	
Methyl tert-butyl ether	10.0	11.2	112	70 - 130	
trans-1,2-Dichloroethene	10.0	12.1	121	70 - 130	
n-Hexane	10.0	12.3	123	70 - 130	
1,1-Dichloroethane	10.0	11.5	115	70 - 130	
Methyl Ethyl Ketone	10.0	10.2	102	70 - 130	
cis-1,2-Dichloroethene	10.0	10.6	106	70 - 130	
Chloroform	10.0	11.2	112	70 - 130	
Tetrahydrofuran	10.0	11.3	113	70 - 130	
1,1,1-Trichloroethane	10.0	11.3	113	70 - 130	
Cyclohexane	10.0	11.5	115	70 - 130	
Carbon tetrachloride	10.0	11.6	116	70 - 130	
2,2,4-Trimethylpentane	10.0	11.5	115	70 - 130	
Benzene	10.0	11.2	112	70 - 130	
1,2-Dichloroethane	10.0	11.4	114	70 - 130	
n-Heptane	10.0	11.4	114	70 - 130	
Trichloroethene	10.0	11.3	113	70 - 130	
Methyl methacrylate	10.0	11.3	113	70 - 130	
1,2-Dichloropropane	10.0	11.1	111	70 - 130	
1,4-Dioxane	10.0	10.9	109	70 - 130	
Bromodichloromethane	10.0	11.0	110	70 - 130	
cis-1,3-Dichloropropene	10.0	11.3	113	70 - 130	
methyl isobutyl ketone	10.0	11.0	111	70 - 130	
Toluene	10.0	11.6	116	70 - 130	
trans-1,3-Dichloropropene	10.0	10.8	108	70 - 130	
1,1,2-Trichloroethane	10.0	11.4	114	70 - 130	
Tetrachloroethene	10.0	10.1	101	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.5	115	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-83982

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-83982/3	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11878_003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1218	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1218			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	10.6	106	70 - 130	
1,2-Dibromoethane	10.0	11.1	111	70 - 130	
Chlorobenzene	10.0	10.8	108	70 - 130	
Ethylbenzene	10.0	11.3	113	70 - 130	
m,p-Xylene	20.0	23.3	117	70 - 130	
Xylene, o-	10.0	11.2	112	70 - 130	
Styrene	10.0	11.8	118	70 - 130	
Bromoform	10.0	10.7	107	70 - 130	
Cumene	10.0	11.7	117	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	11.9	119	70 - 130	
n-Propylbenzene	10.0	12.0	120	70 - 130	
4-Ethyltoluene	10.0	12.2	122	70 - 130	
1,3,5-Trimethylbenzene	10.0	11.8	118	70 - 130	
2-Chlorotoluene	10.0	11.6	116	70 - 130	
tert-Butylbenzene	10.0	11.8	118	70 - 130	
1,2,4-Trimethylbenzene	10.0	12.0	120	70 - 130	
sec-Butylbenzene	10.0	12.2	122	70 - 130	
4-Isopropyltoluene	10.0	12.2	122	70 - 130	
1,3-Dichlorobenzene	10.0	11.6	116	70 - 130	
1,4-Dichlorobenzene	10.0	11.6	116	70 - 130	
Benzyl chloride	10.0	12.4	125	70 - 130	
n-Butylbenzene	10.0	12.9	129	70 - 130	
1,2-Dichlorobenzene	10.0	11.6	116	70 - 130	
1,2,4-Trichlorobenzene	10.0	9.04	90	70 - 130	
Hexachlorobutadiene	10.0	10.3	103	70 - 130	
Naphthalene	10.0	7.86	79	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83984

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83984/4	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11880-004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1321	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1321			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.20	U	0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.080	U	0.045	0.20
Freon TF	0.080	U	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.030	U	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.030	U	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83984

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83984/4	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11880-004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1321	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1321			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.030	U	0.030	0.20
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83984

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83984/4	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11880-004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1321	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1321			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.99	U	0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	0.45	U	0.25	1.1
Freon TF	0.61	U	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.096	U	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.11	U	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-83984

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-83984/4	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11880-004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1321	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1321			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-83984

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-83984/3	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11880-003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1235	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1235			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.0	110	70 - 130	
Freon 22	10.0	10.6	106	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	11.1	111	70 - 130	
Chloromethane	10.0	9.35	94	70 - 130	
n-Butane	10.0	10.3	103	70 - 130	
Vinyl chloride	10.0	9.33	93	70 - 130	
1,3-Butadiene	10.0	10.2	102	70 - 130	
Bromomethane	10.0	9.84	98	70 - 130	
Chloroethane	10.0	10.1	101	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.10	91	70 - 130	
Trichlorofluoromethane	10.0	10.6	106	70 - 130	
Freon TF	10.0	9.67	97	70 - 130	
1,1-Dichloroethene	10.0	9.40	94	70 - 130	
Acetone	10.0	12.9	130	70 - 130	
Isopropyl alcohol	10.0	9.39	94	70 - 130	
Carbon disulfide	10.0	10.3	103	70 - 130	
3-Chloropropene	10.0	9.73	97	70 - 130	
Methylene Chloride	10.0	9.33	93	70 - 130	
tert-Butyl alcohol	10.0	9.86	99	70 - 130	
Methyl tert-butyl ether	10.0	10.7	107	70 - 130	
trans-1,2-Dichloroethene	10.0	10.9	109	70 - 130	
n-Hexane	10.0	10.6	106	70 - 130	
1,1-Dichloroethane	10.0	9.81	98	70 - 130	
Methyl Ethyl Ketone	10.0	9.13	91	70 - 130	
cis-1,2-Dichloroethene	10.0	9.41	94	70 - 130	
Chloroform	10.0	10.8	108	70 - 130	
Tetrahydrofuran	10.0	9.94	99	70 - 130	
1,1,1-Trichloroethane	10.0	11.1	111	70 - 130	
Cyclohexane	10.0	9.70	97	70 - 130	
Carbon tetrachloride	10.0	11.2	112	70 - 130	
2,2,4-Trimethylpentane	10.0	9.82	98	70 - 130	
Benzene	10.0	9.59	96	70 - 130	
1,2-Dichloroethane	10.0	12.2	122	70 - 130	
n-Heptane	10.0	10.3	103	70 - 130	
Trichloroethene	10.0	10.5	105	70 - 130	
Methyl methacrylate	10.0	11.0	110	70 - 130	
1,2-Dichloropropane	10.0	9.88	99	70 - 130	
1,4-Dioxane	10.0	9.77	98	70 - 130	
Bromodichloromethane	10.0	11.4	114	70 - 130	
cis-1,3-Dichloropropene	10.0	11.3	113	70 - 130	
methyl isobutyl ketone	10.0	11.2	112	70 - 130	
Toluene	10.0	10.3	103	70 - 130	
trans-1,3-Dichloropropene	10.0	11.4	114	70 - 130	
1,1,2-Trichloroethane	10.0	9.95	100	70 - 130	
Tetrachloroethene	10.0	10.6	106	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.9	109	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-83984

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-83984/3	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11880-003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1235	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1235			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	10.5	105	70 - 130	
1,2-Dibromoethane	10.0	10.2	102	70 - 130	
Chlorobenzene	10.0	9.99	100	70 - 130	
Ethylbenzene	10.0	10.6	106	70 - 130	
m,p-Xylene	20.0	20.7	104	70 - 130	
Xylene, o-	10.0	10.3	103	70 - 130	
Styrene	10.0	10.8	108	70 - 130	
Bromoform	10.0	10.7	107	70 - 130	
Cumene	10.0	10.6	106	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.88	99	70 - 130	
n-Propylbenzene	10.0	10.4	104	70 - 130	
4-Ethyltoluene	10.0	10.7	107	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.8	108	70 - 130	
2-Chlorotoluene	10.0	10.5	105	70 - 130	
tert-Butylbenzene	10.0	10.5	105	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.8	108	70 - 130	
sec-Butylbenzene	10.0	10.5	105	70 - 130	
4-Isopropyltoluene	10.0	10.7	107	70 - 130	
1,3-Dichlorobenzene	10.0	10.4	104	70 - 130	
1,4-Dichlorobenzene	10.0	10.3	103	70 - 130	
Benzyl chloride	10.0	11.2	112	70 - 130	
n-Butylbenzene	10.0	10.6	106	70 - 130	
1,2-Dichlorobenzene	10.0	10.4	104	70 - 130	
1,2,4-Trichlorobenzene	10.0	10.3	103	70 - 130	
Hexachlorobutadiene	10.0	11.2	112	70 - 130	
Naphthalene	10.0	10.1	101	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84038

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84038/6	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11892_06.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1303	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1303			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.20	U	0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.080	U	0.045	0.20
Freon TF	0.080	U	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.030	U	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.030	U	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84038

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84038/6	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11892_06.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1303	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1303			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.030	U	0.030	0.20
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84038

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84038/6	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11892_06.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1303	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1303			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.99	U	0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	0.45	U	0.25	1.1
Freon TF	0.61	U	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.096	U	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.11	U	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84038

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84038/6	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11892_06.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1303	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1303			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-84038

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-84038/5	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11892_05.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1212	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1212			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.79	98	70 - 130	
Freon 22	10.0	10.1	101	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	11.2	112	70 - 130	
Chloromethane	10.0	9.23	92	70 - 130	
n-Butane	10.0	9.97	100	70 - 130	
Vinyl chloride	10.0	9.16	92	70 - 130	
1,3-Butadiene	10.0	9.40	94	70 - 130	
Bromomethane	10.0	9.80	98	70 - 130	
Chloroethane	10.0	9.69	97	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.88	99	70 - 130	
Trichlorofluoromethane	10.0	9.98	100	70 - 130	
Freon TF	10.0	9.64	96	70 - 130	
1,1-Dichloroethene	10.0	9.40	94	70 - 130	
Acetone	10.0	11.4	114	70 - 130	
Isopropyl alcohol	10.0	9.81	98	70 - 130	
Carbon disulfide	10.0	11.6	116	70 - 130	
3-Chloropropene	10.0	9.40	94	70 - 130	
Methylene Chloride	10.0	9.78	98	70 - 130	
tert-Butyl alcohol	10.0	9.79	98	70 - 130	
Methyl tert-butyl ether	10.0	9.98	100	70 - 130	
trans-1,2-Dichloroethene	10.0	10.7	107	70 - 130	
n-Hexane	10.0	10.9	109	70 - 130	
1,1-Dichloroethane	10.0	9.92	99	70 - 130	
Methyl Ethyl Ketone	10.0	9.07	91	70 - 130	
cis-1,2-Dichloroethene	10.0	9.70	97	70 - 130	
Chloroform	10.0	10.4	104	70 - 130	
Tetrahydrofuran	10.0	10.2	102	70 - 130	
1,1,1-Trichloroethane	10.0	10.0	100	70 - 130	
Cyclohexane	10.0	10.1	101	70 - 130	
Carbon tetrachloride	10.0	10.1	101	70 - 130	
2,2,4-Trimethylpentane	10.0	10.2	102	70 - 130	
Benzene	10.0	9.92	99	70 - 130	
1,2-Dichloroethane	10.0	10.5	105	70 - 130	
n-Heptane	10.0	10.4	104	70 - 130	
Trichloroethene	10.0	9.47	95	70 - 130	
Methyl methacrylate	10.0	10.3	103	70 - 130	
1,2-Dichloropropane	10.0	10.5	105	70 - 130	
1,4-Dioxane	10.0	10.6	106	70 - 130	
Bromodichloromethane	10.0	10.7	107	70 - 130	
cis-1,3-Dichloropropene	10.0	11.1	111	70 - 130	
methyl isobutyl ketone	10.0	10.6	106	70 - 130	
Toluene	10.0	10.1	101	70 - 130	
trans-1,3-Dichloropropene	10.0	10.9	109	70 - 130	
1,1,2-Trichloroethane	10.0	10.1	101	70 - 130	
Tetrachloroethene	10.0	9.37	94	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.4	104	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-84038

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-84038/5	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11892_05.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1212	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1212			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	9.84	98	70 - 130	
1,2-Dibromoethane	10.0	10.0	100	70 - 130	
Chlorobenzene	10.0	9.64	96	70 - 130	
Ethylbenzene	10.0	9.98	100	70 - 130	
m,p-Xylene	20.0	19.1	96	70 - 130	
Xylene, o-	10.0	9.62	96	70 - 130	
Styrene	10.0	9.77	98	70 - 130	
Bromoform	10.0	9.70	97	70 - 130	
Cumene	10.0	9.53	95	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	10.1	101	70 - 130	
n-Propylbenzene	10.0	9.66	97	70 - 130	
4-Ethyltoluene	10.0	9.91	99	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.56	96	70 - 130	
2-Chlorotoluene	10.0	9.74	97	70 - 130	
tert-Butylbenzene	10.0	9.21	92	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.35	94	70 - 130	
sec-Butylbenzene	10.0	9.35	93	70 - 130	
4-Isopropyltoluene	10.0	9.36	94	70 - 130	
1,3-Dichlorobenzene	10.0	9.09	91	70 - 130	
1,4-Dichlorobenzene	10.0	8.98	90	70 - 130	
Benzyl chloride	10.0	9.22	92	70 - 130	
n-Butylbenzene	10.0	9.55	96	70 - 130	
1,2-Dichlorobenzene	10.0	8.99	90	70 - 130	
1,2,4-Trichlorobenzene	10.0	8.49	85	70 - 130	
Hexachlorobutadiene	10.0	9.69	97	70 - 130	
Naphthalene	10.0	7.15	71	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84055

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84055/4	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11879_04a.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1312	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1312			Injection Volume:	5 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.20	U	0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.080	U	0.045	0.20
Freon TF	0.080	U	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.030	U	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.030	U	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84055

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84055/4	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11879_04a.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1312	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1312			Injection Volume:	5 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.030	U	0.030	0.20
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84055

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84055/4	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11879_04a.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1312	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1312			Injection Volume:	5 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.99	U	0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	0.45	U	0.25	1.1
Freon TF	0.61	U	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.096	U	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.11	U	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84055

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84055/4	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11879_04a.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1312	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1312			Injection Volume:	5 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-84055

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-84055/3	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11879_03a.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1220	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1220			Injection Volume:	5 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.93	99	70 - 130	
Freon 22	10.0	9.30	93	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	11.0	110	70 - 130	
Chloromethane	10.0	9.18	92	70 - 130	
n-Butane	10.0	9.05	91	70 - 130	
Vinyl chloride	10.0	8.88	89	70 - 130	
1,3-Butadiene	10.0	9.35	94	70 - 130	
Bromomethane	10.0	9.68	97	70 - 130	
Chloroethane	10.0	9.63	96	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.25	92	70 - 130	
Trichlorofluoromethane	10.0	9.70	97	70 - 130	
Freon TF	10.0	9.82	98	70 - 130	
1,1-Dichloroethene	10.0	9.71	97	70 - 130	
Acetone	10.0	8.37	84	70 - 130	
Isopropyl alcohol	10.0	8.48	85	70 - 130	
Carbon disulfide	10.0	10.5	105	70 - 130	
3-Chloropropene	10.0	8.37	84	70 - 130	
Methylene Chloride	10.0	8.77	88	70 - 130	
tert-Butyl alcohol	10.0	8.88	89	70 - 130	
Methyl tert-butyl ether	10.0	9.44	94	70 - 130	
trans-1,2-Dichloroethene	10.0	9.87	99	70 - 130	
n-Hexane	10.0	9.45	95	70 - 130	
1,1-Dichloroethane	10.0	9.55	96	70 - 130	
Methyl Ethyl Ketone	10.0	8.80	88	70 - 130	
cis-1,2-Dichloroethene	10.0	9.20	92	70 - 130	
Chloroform	10.0	9.46	95	70 - 130	
Tetrahydrofuran	10.0	9.11	91	70 - 130	
1,1,1-Trichloroethane	10.0	9.80	98	70 - 130	
Cyclohexane	10.0	9.55	95	70 - 130	
Carbon tetrachloride	10.0	9.82	98	70 - 130	
2,2,4-Trimethylpentane	10.0	9.32	93	70 - 130	
Benzene	10.0	9.44	94	70 - 130	
1,2-Dichloroethane	10.0	9.19	92	70 - 130	
n-Heptane	10.0	8.94	89	70 - 130	
Trichloroethene	10.0	9.48	95	70 - 130	
Methyl methacrylate	10.0	9.45	95	70 - 130	
1,2-Dichloropropane	10.0	9.35	94	70 - 130	
1,4-Dioxane	10.0	9.69	97	70 - 130	
Bromodichloromethane	10.0	9.67	97	70 - 130	
cis-1,3-Dichloropropene	10.0	9.67	97	70 - 130	
methyl isobutyl ketone	10.0	8.66	87	70 - 130	
Toluene	10.0	9.81	98	70 - 130	
trans-1,3-Dichloropropene	10.0	9.44	94	70 - 130	
1,1,2-Trichloroethane	10.0	10.1	101	70 - 130	
Tetrachloroethene	10.0	10.5	105	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	8.61	86	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-84055

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-84055/3	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11879_03a.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1220	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1220			Injection Volume:	5 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	9.67	97	70 - 130	
1,2-Dibromoethane	10.0	9.68	97	70 - 130	
Chlorobenzene	10.0	9.99	100	70 - 130	
Ethylbenzene	10.0	9.75	98	70 - 130	
m,p-Xylene	20.0	19.9	99	70 - 130	
Xylene, o-	10.0	9.87	99	70 - 130	
Styrene	10.0	9.77	98	70 - 130	
Bromoform	10.0	10.1	101	70 - 130	
Cumene	10.0	9.92	99	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	70 - 130	
n-Propylbenzene	10.0	9.85	99	70 - 130	
4-Ethyltoluene	10.0	10.3	103	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.1	101	70 - 130	
2-Chlorotoluene	10.0	9.93	99	70 - 130	
tert-Butylbenzene	10.0	10.2	102	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70 - 130	
sec-Butylbenzene	10.0	10.3	103	70 - 130	
4-Isopropyltoluene	10.0	10.2	102	70 - 130	
1,3-Dichlorobenzene	10.0	10.4	104	70 - 130	
1,4-Dichlorobenzene	10.0	10.2	102	70 - 130	
Benzyl chloride	10.0	9.15	92	70 - 130	
n-Butylbenzene	10.0	10.2	102	70 - 130	
1,2-Dichlorobenzene	10.0	10.3	103	70 - 130	
1,2,4-Trichlorobenzene	10.0	9.10	91	70 - 130	
Hexachlorobutadiene	10.0	10.1	101	70 - 130	
Naphthalene	10.0	7.82	78	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84069

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84069/4	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11918_04.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1120	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1120			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.20	U	0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.080	U	0.045	0.20
Freon TF	0.080	U	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.030	U	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.030	U	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84069

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84069/4	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11918_04.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1120	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1120			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.030	U	0.030	0.20
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84069

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84069/4	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11918_04.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1120	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1120			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.99	U	0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	0.45	U	0.25	1.1
Freon TF	0.61	U	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.096	U	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.11	U	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Method Blank - Batch: 200-84069

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-84069/4	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11918_04.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1120	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1120			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-84069

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-84069/3	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11918_03.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1029	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1029			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	8.03	80	70 - 130	
Freon 22	10.0	7.89	79	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	8.76	88	70 - 130	
Chloromethane	10.0	7.30	73	70 - 130	
n-Butane	10.0	7.96	80	70 - 130	
Vinyl chloride	10.0	7.10	71	70 - 130	
1,3-Butadiene	10.0	7.42	74	70 - 130	
Bromomethane	10.0	7.60	76	70 - 130	
Chloroethane	10.0	7.06	71	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	7.88	79	70 - 130	
Trichlorofluoromethane	10.0	8.00	80	70 - 130	
Freon TF	10.0	7.71	77	70 - 130	
1,1-Dichloroethene	10.0	7.53	75	70 - 130	
Acetone	10.0	9.45	95	70 - 130	
Isopropyl alcohol	10.0	8.41	84	70 - 130	
Carbon disulfide	10.0	9.10	91	70 - 130	
3-Chloropropene	10.0	7.41	74	70 - 130	
Methylene Chloride	10.0	8.19	82	70 - 130	
tert-Butyl alcohol	10.0	8.73	87	70 - 130	
Methyl tert-butyl ether	10.0	8.14	81	70 - 130	
trans-1,2-Dichloroethene	10.0	8.29	83	70 - 130	
n-Hexane	10.0	8.58	86	70 - 130	
1,1-Dichloroethane	10.0	7.94	79	70 - 130	
Methyl Ethyl Ketone	10.0	7.87	79	70 - 130	
cis-1,2-Dichloroethene	10.0	7.74	77	70 - 130	
Chloroform	10.0	8.40	84	70 - 130	
Tetrahydrofuran	10.0	8.51	85	70 - 130	
1,1,1-Trichloroethane	10.0	8.30	83	70 - 130	
Cyclohexane	10.0	8.02	80	70 - 130	
Carbon tetrachloride	10.0	8.35	84	70 - 130	
2,2,4-Trimethylpentane	10.0	8.17	82	70 - 130	
Benzene	10.0	8.15	82	70 - 130	
1,2-Dichloroethane	10.0	8.47	85	70 - 130	
n-Heptane	10.0	8.34	83	70 - 130	
Trichloroethene	10.0	7.72	77	70 - 130	
Methyl methacrylate	10.0	8.40	84	70 - 130	
1,2-Dichloropropane	10.0	8.20	82	70 - 130	
1,4-Dioxane	10.0	9.38	94	70 - 130	
Bromodichloromethane	10.0	8.69	87	70 - 130	
cis-1,3-Dichloropropene	10.0	8.92	89	70 - 130	
methyl isobutyl ketone	10.0	8.95	90	70 - 130	
Toluene	10.0	8.51	85	70 - 130	
trans-1,3-Dichloropropene	10.0	8.94	89	70 - 130	
1,1,2-Trichloroethane	10.0	8.70	87	70 - 130	
Tetrachloroethene	10.0	8.34	83	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.10	91	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Control Sample - Batch: 200-84069

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-84069/3	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	11918_03.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1029	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1029			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	8.64	86	70 - 130	
1,2-Dibromoethane	10.0	8.77	88	70 - 130	
Chlorobenzene	10.0	8.42	84	70 - 130	
Ethylbenzene	10.0	8.54	85	70 - 130	
m,p-Xylene	20.0	16.3	81	70 - 130	
Xylene, o-	10.0	8.23	82	70 - 130	
Styrene	10.0	8.40	84	70 - 130	
Bromoform	10.0	8.64	86	70 - 130	
Cumene	10.0	8.23	82	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	8.63	86	70 - 130	
n-Propylbenzene	10.0	8.31	83	70 - 130	
4-Ethyltoluene	10.0	8.58	86	70 - 130	
1,3,5-Trimethylbenzene	10.0	8.23	82	70 - 130	
2-Chlorotoluene	10.0	8.50	85	70 - 130	
tert-Butylbenzene	10.0	8.00	80	70 - 130	
1,2,4-Trimethylbenzene	10.0	8.08	81	70 - 130	
sec-Butylbenzene	10.0	8.12	81	70 - 130	
4-Isopropyltoluene	10.0	8.21	82	70 - 130	
1,3-Dichlorobenzene	10.0	8.09	81	70 - 130	
1,4-Dichlorobenzene	10.0	8.33	83	70 - 130	
Benzyl chloride	10.0	8.31	83	70 - 130	
n-Butylbenzene	10.0	8.57	86	70 - 130	
1,2-Dichlorobenzene	10.0	8.14	81	70 - 130	
1,2,4-Trichlorobenzene	10.0	8.74	87	70 - 130	
Hexachlorobutadiene	10.0	9.09	91	70 - 130	
Naphthalene	10.0	7.09	71	70 - 130	

DATA REPORTING QUALIFIERS

Client: FPM Remediations Inc Job Number: 280-64806-1

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	M	Manual integrated compound.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.

Client: FPM Remediations Inc

Job Number: 280-64806-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-83910					
LCS 200-83910/3	Lab Control Sample	T	Air	TO-15	
MB 200-83910/4	Method Blank	T	Air	TO-15	
280-64806-7	101IA0305FA	T	Air	TO-15	
280-64806-8	101IA0405FA	T	Air	TO-15	
280-64806-9	101OA0305FA	T	Air	TO-15	
280-64806-18	774IA1MA	T	Air	TO-15	
280-64806-19	774776OA1MA	T	Air	TO-15	
280-64806-20	776IA1MA	T	Air	TO-15	
Analysis Batch:200-83982					
LCS 200-83982/3	Lab Control Sample	T	Air	TO-15	
MB 200-83982/4	Method Blank	T	Air	TO-15	
280-64806-1	774776CA01LA	T	Air	TO-15	
280-64806-2	785786CA01LA	T	Air	TO-15	
280-64806-3	101VMP0101FA	T	Air	TO-15	
280-64806-4	101VMP0201FA	T	Air	TO-15	
280-64806-5	101VMP0301FA	T	Air	TO-15	
280-64806-6	101VMP0201FC	T	Air	TO-15	
280-64806-10	101CA01FA	T	Air	TO-15	
Analysis Batch:200-83984					
LCS 200-83984/3	Lab Control Sample	T	Air	TO-15	
MB 200-83984/4	Method Blank	T	Air	TO-15	
280-64806-24	785IA14	T	Air	TO-15	
280-64806-26	785786OA10	T	Air	TO-15	
280-64806-31TB	012615TB	T	Air	TO-15	
Analysis Batch:200-84038					
LCS 200-84038/5	Lab Control Sample	T	Air	TO-15	
MB 200-84038/6	Method Blank	T	Air	TO-15	
280-64806-11	774VMP0101MA	T	Air	TO-15	
280-64806-12	774VMP0201MA	T	Air	TO-15	
280-64806-13	774VMP0301MA	T	Air	TO-15	
Analysis Batch:200-84055					
LCS 200-84055/3	Lab Control Sample	T	Air	TO-15	
MB 200-84055/4	Method Blank	T	Air	TO-15	
280-64806-14	776VMP0101MC	T	Air	TO-15	
280-64806-15	776VMP0101MA	T	Air	TO-15	
280-64806-16	776VMP0201MA	T	Air	TO-15	
280-64806-17	776VMP0301MA	T	Air	TO-15	
280-64806-23	786VMP0102NA	T	Air	TO-15	
280-64806-27	785VMP0202NA	T	Air	TO-15	
280-64806-28	785VMP0501NA	T	Air	TO-15	
280-64806-29	785VMP0401NA	T	Air	TO-15	

Client: FPM Remediations Inc

Job Number: 280-64806-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-84069					
LCS 200-84069/3	Lab Control Sample	T	Air	TO-15	
MB 200-84069/4	Method Blank	T	Air	TO-15	
280-64806-21	786VMP0202NA	T	Air	TO-15	
280-64806-22	786VMP0302NA	T	Air	TO-15	
280-64806-25	786IA13	T	Air	TO-15	
280-64806-30	786VMP0202NC	T	Air	TO-15	

Report Basis

T = Total

Client: FPM Remediations Inc

Job Number: 280-64806-1

Laboratory Chronicle

Lab ID: 280-64806-1 **Client ID:** 774776CA01LA

Sample Date/Time: 01/20/2015 13:45 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-1		200-83982		01/29/2015 13:59	1	TAL BUR	BPL
A:TO-15	280-64806-A-1		200-83982		01/29/2015 13:59	1	TAL BUR	BPL

Lab ID: 280-64806-2 **Client ID:** 785786CA01LA

Sample Date/Time: 01/20/2015 13:55 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-2		200-83982		01/29/2015 14:49	1	TAL BUR	BPL
A:TO-15	280-64806-A-2		200-83982		01/29/2015 14:49	1	TAL BUR	BPL

Lab ID: 280-64806-3 **Client ID:** 101VMP0101FA

Sample Date/Time: 01/21/2015 11:30 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-3		200-83982		01/29/2015 15:38	1.6	TAL BUR	BPL
A:TO-15	280-64806-A-3		200-83982		01/29/2015 15:38	1.6	TAL BUR	BPL

Lab ID: 280-64806-4 **Client ID:** 101VMP0201FA

Sample Date/Time: 01/21/2015 11:35 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-4		200-83982		01/30/2015 07:47	2	TAL BUR	BPL
A:TO-15	280-64806-A-4		200-83982		01/30/2015 07:47	2	TAL BUR	BPL

Lab ID: 280-64806-5 **Client ID:** 101VMP0301FA

Sample Date/Time: 01/21/2015 11:25 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-5		200-83982		01/30/2015 08:35	49.7	TAL BUR	BPL
A:TO-15	280-64806-A-5		200-83982		01/30/2015 08:35	49.7	TAL BUR	BPL

Client: FPM Remediations Inc

Job Number: 280-64806-1

Laboratory Chronicle

Lab ID: 280-64806-6 **Client ID:** 101VMP0201FC

Sample Date/Time: 01/21/2015 11:35 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-6		200-83982		01/30/2015 09:23	3.03	TAL BUR	BPL
A:TO-15	280-64806-A-6		200-83982		01/30/2015 09:23	3.03	TAL BUR	BPL

Lab ID: 280-64806-7 **Client ID:** 101IA0305FA

Sample Date/Time: 01/21/2015 11:05 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-7		200-83910		01/29/2015 08:58	14.9	TAL BUR	WRD
A:TO-15	280-64806-A-7		200-83910		01/29/2015 08:58	14.9	TAL BUR	WRD

Lab ID: 280-64806-8 **Client ID:** 101IA0405FA

Sample Date/Time: 01/21/2015 11:10 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-8		200-83910		01/29/2015 09:42	2.5	TAL BUR	WRD
A:TO-15	280-64806-A-8		200-83910		01/29/2015 09:42	2.5	TAL BUR	WRD

Lab ID: 280-64806-9 **Client ID:** 101OA0305FA

Sample Date/Time: 01/21/2015 11:15 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-9		200-83910		01/29/2015 02:43	1	TAL BUR	WRD
A:TO-15	280-64806-A-9		200-83910		01/29/2015 02:43	1	TAL BUR	WRD

Lab ID: 280-64806-10 **Client ID:** 101CA01FA

Sample Date/Time: 01/20/2015 14:10 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-10		200-83982		01/30/2015 10:13	1	TAL BUR	BPL
A:TO-15	280-64806-A-10		200-83982		01/30/2015 10:13	1	TAL BUR	BPL

Client: FPM Remediations Inc

Job Number: 280-64806-1

Laboratory Chronicle

Lab ID: 280-64806-11 **Client ID:** 774VMP0101MA

Sample Date/Time: 01/22/2015 13:55 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-11		200-84038		01/30/2015 13:54	1	TAL BUR	BPL
A:TO-15	280-64806-A-11		200-84038		01/30/2015 13:54	1	TAL BUR	BPL

Lab ID: 280-64806-12 **Client ID:** 774VMP0201MA

Sample Date/Time: 01/22/2015 14:05 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-12		200-84038		01/30/2015 14:45	1	TAL BUR	BPL
A:TO-15	280-64806-A-12		200-84038		01/30/2015 14:45	1	TAL BUR	BPL

Lab ID: 280-64806-13 **Client ID:** 774VMP0301MA

Sample Date/Time: 01/22/2015 14:10 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-13		200-84038		01/30/2015 15:36	4	TAL BUR	BPL
A:TO-15	280-64806-A-13		200-84038		01/30/2015 15:36	4	TAL BUR	BPL

Lab ID: 280-64806-14 **Client ID:** 776VMP0101MC

Sample Date/Time: 01/22/2015 12:50 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-14		200-84055		01/30/2015 09:11	1	TAL BUR	BPL
A:TO-15	280-64806-A-14		200-84055		01/30/2015 09:11	1	TAL BUR	BPL

Lab ID: 280-64806-15 **Client ID:** 776VMP0101MA

Sample Date/Time: 01/22/2015 12:50 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-15		200-84055		01/30/2015 08:19	1	TAL BUR	BPL
A:TO-15	280-64806-A-15		200-84055		01/30/2015 08:19	1	TAL BUR	BPL

Client: FPM Remediations Inc

Job Number: 280-64806-1

Laboratory Chronicle

Lab ID: 280-64806-16 **Client ID:** 776VMP0201MA

Sample Date/Time: 01/22/2015 12:44 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-16		200-84055		01/30/2015 01:22	1	TAL BUR	BPL
A:TO-15	280-64806-A-16		200-84055		01/30/2015 01:22	1	TAL BUR	BPL

Lab ID: 280-64806-17 **Client ID:** 776VMP0301MA

Sample Date/Time: 01/22/2015 12:55 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-17		200-84055		01/30/2015 02:14	1	TAL BUR	BPL
A:TO-15	280-64806-A-17		200-84055		01/30/2015 02:14	1	TAL BUR	BPL

Lab ID: 280-64806-18 **Client ID:** 774IA1MA

Sample Date/Time: 01/22/2015 08:05 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-18		200-83910		01/29/2015 03:29	1	TAL BUR	WRD
A:TO-15	280-64806-A-18		200-83910		01/29/2015 03:29	1	TAL BUR	WRD

Lab ID: 280-64806-19 **Client ID:** 774776OA1MA

Sample Date/Time: 01/22/2015 08:00 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-19		200-83910		01/29/2015 04:16	1	TAL BUR	WRD
A:TO-15	280-64806-A-19		200-83910		01/29/2015 04:16	1	TAL BUR	WRD

Lab ID: 280-64806-20 **Client ID:** 776IA1MA

Sample Date/Time: 01/22/2015 08:10 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-20		200-83910		01/29/2015 05:02	1	TAL BUR	WRD
A:TO-15	280-64806-A-20		200-83910		01/29/2015 05:02	1	TAL BUR	WRD

Client: FPM Remediations Inc

Job Number: 280-64806-1

Laboratory Chronicle

Lab ID: 280-64806-21 **Client ID:** 786VMP0202NA

Sample Date/Time: 01/26/2015 14:15 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-21		200-84069		02/02/2015 17:43	1	TAL BUR	BPL
A:TO-15	280-64806-A-21		200-84069		02/02/2015 17:43	1	TAL BUR	BPL

Lab ID: 280-64806-22 **Client ID:** 786VMP0302NA

Sample Date/Time: 01/26/2015 14:20 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-22		200-84069		02/02/2015 18:34	1	TAL BUR	BPL
A:TO-15	280-64806-A-22		200-84069		02/02/2015 18:34	1	TAL BUR	BPL

Lab ID: 280-64806-23 **Client ID:** 786VMP0102NA

Sample Date/Time: 01/27/2015 15:05 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-23		200-84055		01/30/2015 03:06	1	TAL BUR	BPL
A:TO-15	280-64806-A-23		200-84055		01/30/2015 03:06	1	TAL BUR	BPL

Lab ID: 280-64806-24 **Client ID:** 785IA14

Sample Date/Time: 01/26/2015 10:05 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-24		200-83984		01/29/2015 14:07	1	TAL BUR	WRD
A:TO-15	280-64806-A-24		200-83984		01/29/2015 14:07	1	TAL BUR	WRD

Lab ID: 280-64806-25 **Client ID:** 786IA13

Sample Date/Time: 01/26/2015 10:00 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-25		200-84069		02/02/2015 19:25	1	TAL BUR	BPL
A:TO-15	280-64806-A-25		200-84069		02/02/2015 19:25	1	TAL BUR	BPL

Client: FPM Remediations Inc

Job Number: 280-64806-1

Laboratory Chronicle

Lab ID: 280-64806-26 **Client ID:** 785786OA10

Sample Date/Time: 01/26/2015 09:55 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-26		200-83984		01/29/2015 14:53	1	TAL BUR	WRD
A:TO-15	280-64806-A-26		200-83984		01/29/2015 14:53	1	TAL BUR	WRD

Lab ID: 280-64806-27 **Client ID:** 785VMP0202NA

Sample Date/Time: 01/26/2015 15:20 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-27		200-84055		01/30/2015 03:57	1	TAL BUR	BPL
A:TO-15	280-64806-A-27		200-84055		01/30/2015 03:57	1	TAL BUR	BPL

Lab ID: 280-64806-28 **Client ID:** 785VMP0501NA

Sample Date/Time: 01/26/2015 15:30 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-28		200-84055		01/30/2015 04:49	4.55	TAL BUR	BPL
A:TO-15	280-64806-A-28		200-84055		01/30/2015 04:49	4.55	TAL BUR	BPL

Lab ID: 280-64806-29 **Client ID:** 785VMP0401NA

Sample Date/Time: 01/26/2015 15:25 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-29		200-84055		01/30/2015 05:41	1	TAL BUR	BPL
A:TO-15	280-64806-A-29		200-84055		01/30/2015 05:41	1	TAL BUR	BPL

Lab ID: 280-64806-30 **Client ID:** 786VMP0202NC

Sample Date/Time: 01/26/2015 14:15 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-30		200-84069		02/02/2015 20:16	1	TAL BUR	BPL
A:TO-15	280-64806-A-30		200-84069		02/02/2015 20:16	1	TAL BUR	BPL

Client: FPM Remediations Inc

Job Number: 280-64806-1

Laboratory Chronicle

Lab ID: 280-64806-31 **Client ID:** 012615TB

Sample Date/Time: 01/26/2015 09:00 Received Date/Time: 01/28/2015 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-64806-A-31		200-83984		01/29/2015 15:39	1	TAL BUR	WRD
A:TO-15	280-64806-A-31		200-83984		01/29/2015 15:39	1	TAL BUR	WRD

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-83910/4		200-83910		01/28/2015 12:06	1	TAL BUR	WRD
A:TO-15	MB 200-83910/4		200-83910		01/28/2015 12:06	1	TAL BUR	WRD
P:Summa Canister	MB 200-83982/4		200-83982		01/29/2015 13:08	1	TAL BUR	BPL
A:TO-15	MB 200-83982/4		200-83982		01/29/2015 13:08	1	TAL BUR	BPL
P:Summa Canister	MB 200-84055/4		200-84055		01/29/2015 13:12	1	TAL BUR	BPL
A:TO-15	MB 200-84055/4		200-84055		01/29/2015 13:12	1	TAL BUR	BPL
P:Summa Canister	MB 200-83984/4		200-83984		01/29/2015 13:21	1	TAL BUR	WRD
A:TO-15	MB 200-83984/4		200-83984		01/29/2015 13:21	1	TAL BUR	WRD
P:Summa Canister	MB 200-84038/6		200-84038		01/30/2015 13:03	1	TAL BUR	BPL
A:TO-15	MB 200-84038/6		200-84038		01/30/2015 13:03	1	TAL BUR	BPL
P:Summa Canister	MB 200-84069/4		200-84069		02/02/2015 11:20	1	TAL BUR	BPL
A:TO-15	MB 200-84069/4		200-84069		02/02/2015 11:20	1	TAL BUR	BPL

Client: FPM Remediations Inc

Job Number: 280-64806-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-83910/3		200-83910		01/28/2015 11:20	1	TAL BUR	WRD
A:TO-15	LCS 200-83910/3		200-83910		01/28/2015 11:20	1	TAL BUR	WRD
P:Summa Canister	LCS 200-83982/3		200-83982		01/29/2015 12:18	1	TAL BUR	BPL
A:TO-15	LCS 200-83982/3		200-83982		01/29/2015 12:18	1	TAL BUR	BPL
P:Summa Canister	LCS 200-84055/3		200-84055		01/29/2015 12:20	1	TAL BUR	BPL
A:TO-15	LCS 200-84055/3		200-84055		01/29/2015 12:20	1	TAL BUR	BPL
P:Summa Canister	LCS 200-83984/3		200-83984		01/29/2015 12:35	1	TAL BUR	WRD
A:TO-15	LCS 200-83984/3		200-83984		01/29/2015 12:35	1	TAL BUR	WRD
P:Summa Canister	LCS 200-84038/5		200-84038		01/30/2015 12:12	1	TAL BUR	BPL
A:TO-15	LCS 200-84038/5		200-84038		01/30/2015 12:12	1	TAL BUR	BPL
P:Summa Canister	LCS 200-84069/3		200-84069		02/02/2015 10:29	1	TAL BUR	BPL
A:TO-15	LCS 200-84069/3		200-84069		02/02/2015 10:29	1	TAL BUR	BPL

Lab References:

TAL BUR = TestAmerica Burlington

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15BISs_00006	02/12/19	Spectra Gases, Lot CC-90953			(Purchased Reagent)		1,4-Difluorobenzene	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
ATTO15CAL1w_00114	12/10/14	10/06/14	Zero Air, Lot 6	15.463 L	ATTO15CAL6w_00096	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.20044 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.20044 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	0.20044 ppb v/v
							4-Isopropyltoluene	0.20044 ppb v/v
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.20044 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cumene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v
							Dibromomethane	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	0.20044 ppb v/v
							Dodecane	0.20044 ppb v/v
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Freon 22	0.20044 ppb v/v
							Freon TF	0.20044 ppb v/v
							Hexachlorobutadiene	0.20044 ppb v/v
							Isopropyl alcohol	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone	0.20044 ppb v/v
							methyl isobutyl ketone	0.20044 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butane	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	0.20044 ppb v/v
							Pentane	0.20044 ppb v/v
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.20044 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Xylene, o-	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00096	12/10/14	10/03/14	DI WATER, Lot 6	15.463 L	ATTO15CALSTKi_00060	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00049	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00060	12/25/14	09/25/14	DI WATER, Lot 1014	37.5 L	ATTO15CALs_00021	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00021	01/10/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00049	12/10/14	09/10/14	VOA Free Water, Lot 10	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL1w_00126	02/18/15	12/31/14	Zero Air, Lot 9	15.463 L	ATTO15CAL6w_00100	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.20044 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.20044 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v
							4-Isopropyltoluene	0.20044 ppb v/v
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.20044 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cumene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v
							Dibromomethane	0.20044 ppb v/v
							Dichlorodifluoromethane	0.20044 ppb v/v
							Dodecane	0.20044 ppb v/v
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Freon 22	0.20044 ppb v/v
							Freon TF	0.20044 ppb v/v
							Hexachlorobutadiene	0.20044 ppb v/v
							Isopropyl alcohol	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone	0.20044 ppb v/v
							methyl isobutyl ketone	0.20044 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butane	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v
							Naphthalene	0.20044 ppb v/v
							Pentane	0.20044 ppb v/v
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.20044 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Xylene, o-	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.ATTO15CAL6w_00100	02/18/15	12/18/14	Zero Air, Lot 8	15.463 L	ATTO15CALSTKi_00066	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00050	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00066	03/17/15	12/17/14	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00023	12/31/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00050	02/18/15	11/18/14	Zero Air, Lot 8	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00147	12/10/14	10/06/14	Zero Air, Lot 6	15.463 L	ATTO15CAL6w_00096	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v
							1,2-Dichlorobenzene	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dioxane	0.500453 ppb v/v
							2,2,4-Trimethylpentane	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.500453 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene(Vinyl Bromide)	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cumene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Dodecane	0.500453 ppb v/v
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Freon 22	0.500453 ppb v/v
							Freon TF	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							Isopropyl alcohol	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone	0.500453 ppb v/v
							methyl isobutyl ketone	0.500453 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butane	0.500453 ppb v/v
							n-Butanol	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v
							n-Heptane	0.500453 ppb v/v
							n-Hexane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							n-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butyl alcohol	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Tetrahydrofuran	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v
							Trichloroethene	0.500453 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	0.500453 ppb v/v
							Undecane	0.500453 ppb v/v
							Vinyl acetate	0.500453 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00049	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00096	12/10/14	10/03/14	DI WATER, Lot 6	15.463 L	ATTO15CALSTKi_00060	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00049	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00060	12/25/14	09/25/14	DI WATER, Lot 1014	37.5 L	ATTO15CALs_00021	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00021	01/10/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00049	12/10/14	09/10/14	VOA Free Water, Lot 10	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00049	12/10/14	09/10/14	VOA Free Water, Lot 10	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00161	02/18/15	12/31/14	Zero Air, Lot 9	15.463 L	ATTO15CAL6w_00100	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dioxane	0.500453 ppb v/v
							2,2,4-Trimethylpentane	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene(Vinyl Bromide)	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cumene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Dodecane	0.500453 ppb v/v
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon 22	0.500453 ppb v/v
							Freon TF	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							Isopropyl alcohol	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone	0.500453 ppb v/v
							methyl isobutyl ketone	0.500453 ppb v/v
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butane	0.500453 ppb v/v
							n-Butanol	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v
							n-Heptane	0.500453 ppb v/v
							n-Hexane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							n-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Tetrahydrofuran	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Undecane	0.500453 ppb v/v
							Vinyl acetate	0.500453 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00050	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00100	02/18/15	12/18/14	Zero Air, Lot 8	15.463 L	ATTO15CALSTKi_00066	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00050	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00066	03/17/15	12/17/14	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00023	12/31/15	Spectra Gases, Lot cc-90855			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00050	02/18/15	11/18/14	Zero Air, Lot 8	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00050	02/18/15	11/18/14	Zero Air, Lot 8	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00136	12/10/14	10/03/14	Zero Air, Lot 6	15.463 L	ATTO15CALSTKi_00060	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,3-Trichlorobenzene	4.99256 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,2-Dichlorotetrafluoroethane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Butadiene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2,2,4-Trimethylpentane	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloropropene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							4-Isopropyltoluene	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	4.99256 ppb v/v
							Acrylonitrile	4.99256 ppb v/v
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene(Vinyl Bromide)	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cumene	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	4.99256 ppb v/v
							Dibromochloromethane	4.99256 ppb v/v
							Dibromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Dodecane	4.99256 ppb v/v
							Ethyl acetate	4.99256 ppb v/v
							Ethyl ether	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Freon 22	4.99256 ppb v/v
							Freon TF	4.99256 ppb v/v
							Hexachlorobutadiene	4.99256 ppb v/v
							Isopropyl alcohol	4.99256 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v
							Methyl Ethyl Ketone	4.99256 ppb v/v
							methyl isobutyl ketone	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butane	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Hexane	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							n-Propylbenzene	4.99256 ppb v/v
							Naphthalene	4.99256 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v
							Vinyl acetate	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylene, o-	4.99256 ppb v/v
					ATTO15EthCALw_00049	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00060	12/25/14	09/25/14	DI WATER, Lot 1014	37.5 L	ATTO15CALs_00021	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00021	01/10/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00049	12/10/14	09/10/14	VOA Free Water, Lot 10	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00140	02/18/15	12/18/14	Zero Air, Lot 8	15.463 L	ATTO15CALSTKi_00066	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,3-Trichlorobenzene	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,2-Dichlorotetrafluoroethane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Butadiene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2,2,4-Trimethylpentane	4.99256 ppb v/v
							2-Chlorotoluene	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloropropene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							4-Isopropyltoluene	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	4.99256 ppb v/v
							Acrylonitrile	4.99256 ppb v/v
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene(Vinyl Bromide)	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cumene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dibromochloromethane	4.99256 ppb v/v
							Dibromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Dodecane	4.99256 ppb v/v
							Ethyl acetate	4.99256 ppb v/v
							Ethyl ether	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Freon 22	4.99256 ppb v/v
							Freon TF	4.99256 ppb v/v
							Hexachlorobutadiene	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	4.99256 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v
							Methyl Ethyl Ketone	4.99256 ppb v/v
							methyl isobutyl ketone	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butane	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Hexane	4.99256 ppb v/v
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							n-Propylbenzene	4.99256 ppb v/v
							Naphthalene	4.99256 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v
							Vinyl acetate	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylene, o-	4.99256 ppb v/v
					ATTO15EthCALw_00050	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00066	03/17/15	12/17/14	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00023	12/31/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00050	02/18/15	11/18/14	Zero Air, Lot 8	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00393	12/10/14	10/03/14	Zero Air, Lot 6	15.463 L	ATTO15CALSTKi_00060	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
					ATTO15EthCALw_00049	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00060	12/25/14	09/25/14	DI WATER, Lot 1014	37.5 L	ATTO15CALs_00021	7500 mL	1,1,1-Trichloroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00021	01/10/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00049	12/10/14	09/10/14	VOA Free Water, Lot 10	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00418	04/05/15	01/08/15	Zero Air, Lot 10	15.463 L	ATTO15CALSTKi_00065	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
					ATTO15EthCALw_00051	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00065	04/05/15	01/05/15	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00023	12/31/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00051	04/08/15	01/08/15	Zero Air, Lot 10	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00418	04/05/15	01/08/15	Zero Air, Lot 10	15.463 L	ATTO15CALSTKi_00065	773 mL	1,2-Dichloroethene, Total	19.9961 ppb v/v
							Xylene (total)	29.9942 ppb v/v
.ATTO15CALSTKi_00065	04/05/15	01/05/15	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,2-Dichloroethene, Total	400 ppb v/v
							Xylene (total)	600 ppb v/v
..ATTO15CALs_00023	12/31/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,2-Dichloroethene, Total	2 ppm v/v
							Xylene (total)	3 ppm v/v
ATTO15CAL4w_00420	04/05/15	01/08/15	Zero Air, Lot 10	15.463 L	ATTO15CALSTKi_00065	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
					ATTO15EthCALw_00051	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00065	04/05/15	01/05/15	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00023	12/31/15	Spectra Gases, Lot cc-90855			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00051	04/08/15	01/08/15	Zero Air, Lot 10	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17	SIGMA, Lot SHBB5682V			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00420	04/05/15	01/08/15	Zero Air, Lot 10	15.463 L	ATTO15CALSTKi_00065	773 mL	1,2-Dichloroethene, Total	19.9961 ppb v/v
							Xylene (total)	29.9942 ppb v/v
.ATTO15CALSTKi_00065	04/05/15	01/05/15	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,2-Dichloroethene, Total	400 ppb v/v
							Xylene (total)	600 ppb v/v
..ATTO15CALs_00023	12/31/15	Spectra Gases, Lot cc-90855			(Purchased Reagent)		1,2-Dichloroethene, Total	2 ppm v/v
							Xylene (total)	3 ppm v/v
ATTO15CAL4w_00421	04/05/15	01/08/15	Zero Air, Lot 10	15.463 L	ATTO15CALSTKi_00065	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
					ATTO15EthCALw_00051	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00065	04/05/15	01/05/15	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,1,1-Trichloroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00023	12/31/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00051	04/08/15	01/08/15	Zero Air, Lot 10	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17	SIGMA, Lot SHBB5682V			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00429	02/18/15	12/22/14	Zero Air, Lot 9	15.463 L	ATTO15CALSTKi_00066	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15CALSTKi_00066	03/17/15	12/17/14	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00023	12/31/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15CAL4w_00434	02/18/15	12/22/14	Zero Air, Lot 9	15.463 L	ATTO15CALSTKi_00066	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15CALSTKi_00066	03/17/15	12/17/14	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00023	12/31/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15CAL5w_00048	12/10/14	10/03/14	Zero Air, Lot 6	15.463 L	ATTO15CALSTKi_00060	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v
							3-Chloropropene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene(Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v
							Bromomethane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cumene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v
							Dibromochloromethane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dodecane	15.0036 ppb v/v
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Freon 22	15.0036 ppb v/v
							Freon TF	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone	15.0036 ppb v/v
							methyl isobutyl ketone	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butane	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							n-Propylbenzene	15.0036 ppb v/v
							Naphthalene	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	15.0036 ppb v/v
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	15.0036 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
							Xylene, o-	15.0036 ppb v/v
					ATTO15EthCALw_00049	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00060	12/25/14	09/25/14	DI WATER, Lot 1014	37.5 L	ATTO15CALs_00021	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00021	01/10/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00049	12/10/14	09/10/14	VOA Free Water, Lot 10	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL5w_00050	02/18/15	12/18/14	Zero Air, Lot 8	15.463 L	ATTO15CALSTKi_00066	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v
							3-Chloropropene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene(Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cumene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v
							Dibromochloromethane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Freon 22	15.0036 ppb v/v
							Freon TF	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							methyl isobutyl ketone	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butane	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							n-Propylbenzene	15.0036 ppb v/v
							Naphthalene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	15.0036 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
							Xylene, o-	15.0036 ppb v/v
					ATTO15EthCALw_00050	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00066	03/17/15	12/17/14	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00023	12/31/15	Spectra Gases, Lot cc-90855			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00050	02/18/15	11/18/14	Zero Air, Lot 8	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00096	12/10/14	10/03/14	DI WATER, Lot 6	15.463 L	ATTO15CALSTKi_00060	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00049	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00060	12/25/14	09/25/14	DI WATER, Lot 1014	37.5 L	ATTO15CALs_00021	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00021	01/10/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00049	12/10/14	09/10/14	VOA Free Water, Lot 10	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00101	02/18/15	12/18/14	Zero Air, Lot 8	15.463 L	ATTO15CALSTKi_00066	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00050	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00066	03/17/15	12/17/14	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00023	12/31/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00050	02/18/15	11/18/14	Zero Air, Lot 8	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00049	12/10/14	10/03/14	Zero Air, Lot 6	15.463 L	ATTO15CALSTKi_00060	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	39.9922 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	39.9922 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Butadiene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	39.9922 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v
							Benzene	39.9922 ppb v/v
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene(Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Freon 22	39.9922 ppb v/v
							Freon TF	39.9922 ppb v/v
							Hexachlorobutadiene	39.9922 ppb v/v
							Isopropyl alcohol	39.9922 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone	39.9922 ppb v/v
							methyl isobutyl ketone	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00049	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00060	12/25/14	09/25/14	DI WATER, Lot 1014	37.5 L	ATTO15CALs_00021	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00021	01/10/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00049	12/10/14	09/10/14	VOA Free Water, Lot 10	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17	SIGMA, Lot SHBB5682V			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00051	02/18/15	12/18/14	Zero Air, Lot 8	15.463 L	ATTO15CALSTKi_00066	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	39.9922 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	39.9922 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Butadiene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	39.9922 ppb v/v
							Acrylonitrile	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Alpha Methyl Styrene	39.9922 ppb v/v
							Benzene	39.9922 ppb v/v
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene(Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Freon 22	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon TF	39.9922 ppb v/v
							Hexachlorobutadiene	39.9922 ppb v/v
							Isopropyl alcohol	39.9922 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone	39.9922 ppb v/v
							methyl isobutyl ketone	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00050	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00066	03/17/15	12/17/14	Zero Air, Lot 10	37.5 L	ATTO15CALs_00023	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00023	12/31/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00050	02/18/15	11/18/14	Zero Air, Lot 8	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15GIS_00009	11/15/15		Spectra Gases, Lot CC-279057		(Purchased Reagent)		1,4-Difluorobenzene	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
ATTO15GIS_00010	11/15/15		Spectra Gases, Lot CC-250115		(Purchased Reagent)		1,4-Difluorobenzene	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
ATTO15LCSW_00424	12/10/14	10/29/14	Zero Air, Lot 6	15.463 L	ATTO15LCSSTKi_00054	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00054	12/26/14	09/26/14	DI WATER, Lot 7952	37.5 L	ATTO15LCSs_00017	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00017	01/10/15	Spectra Gases, Lot CC-250179			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15LCSW_00446	02/18/15	01/07/15	Zero Air, Lot 10	15.463 L	ATTO15LCSSTKi_00057	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00057	04/05/15	01/05/15	Zero Air, Lot 10	37.5 L	ATTO15LCSs_00018	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00018	12/31/15		Spectra Gases, Lot CC-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15LCSW_00449	02/18/15	01/07/15	Zero Air, Lot 10	15.463 L	ATTO15LCSSTKi_00057	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00057	04/05/15	01/05/15	Zero Air, Lot 10	37.5 L	ATTO15LCSs_00018	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00018	12/31/15		Spectra Gases, Lot CC-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15LCSW_00451	02/18/15	01/07/15	Zero Air, Lot 10	15.463 L	ATTO15LCSSTKi_00057	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00057	04/05/15	01/05/15	Zero Air, Lot 10	37.5 L	ATTO15LCSs_00018	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00018	12/31/15		Spectra Gases, Lot CC-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15LCSW_00452	02/18/15	01/07/15	Zero Air, Lot 10	15.463 L	ATTO15LCSSTKi_00057	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00057	04/05/15	01/05/15	Zero Air, Lot 10	37.5 L	ATTO15LCSs_00018	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00018	12/31/15		Spectra Gases, Lot CC-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15LCSW_00454	02/18/15	01/07/15	Zero Air, Lot 10	15.463 L	ATTO15LCSSTKi_00057	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00057	04/05/15	01/05/15	Zero Air, Lot 10	37.5 L	ATTO15LCSs_00018	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00018	12/31/15		Spectra Gases, Lot CC-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15LCSW_00455	02/18/15	01/07/15	Zero Air, Lot 10	15.463 L	ATTO15LCSSTKi_00057	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00057	04/05/15	01/05/15	Zero Air, Lot 10	37.5 L	ATTO15LCSs_00018	7500 mL	1,1,1-Trichloroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00018	12/31/15		Spectra Gases, Lot CC-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15WISs_00003	11/23/15	Spectra Gases, Lot CC-172855			(Purchased Reagent)		1,4-Difluorobenzene	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v

THE LINDE GROUP

Linde

SHIPPED TO: Test America Inc.
30 Community Drive Suite 11
South Burlington, VT 05403

Tank from W. Sac.

627134
ID: ATTO15CALs_00021
Exp:01/10/15 Prpd:PAD Opn:01/10/14
TO15 Calibration Source T

CERTIFICATE OF ANALYSIS

Sales#:	111092258	**Cylinder Size:**	2A (8" X 47.5")
Production#:	2915450	**Cylinder # :**	CC-90855
Certification Date:	Jan-10-2014	**Cylinder Pressure:**	1200 psig
P.O.# :	2546692	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	CERTIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	14004551	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	2400 Liter
Expiration Date:	Jan-10-2015	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	CERTIFIED CONC
Propylene	115-07-1	1.00 ppm	1.14 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.05 ppm
Freon-12	75-71-8	1.00 ppm	1.02 ppm
Chloromethane	74-87-3	1.00 ppm	1.05 ppm
Freon-114	76-14-2	1.00 ppm	1.05 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.04 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.06 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	1.05 ppm
n-Butane	106-97-8	1.00 ppm	1.07 ppm
Bromomethane	74-83-9	1.00 ppm	1.03 ppm
Chloroethane	75-00-3	1.00 ppm	1.02 ppm
Vinyl Bromide	593-60-2	1.00 ppm	0.89 ppm
Acetonitrile	75-05-8	1.00 ppm	1.01 ppm
Acrolein (No Stability Guarantee)	107-02-8	1.00 ppm	0.96 ppm
Isopentane	78-78-4	1.00 ppm	1.02 ppm
Acetone	67-64-1	1.00 ppm	1.02 ppm
Freon-11	75-69-4	1.00 ppm	1.04 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	1.12 ppm
Acrylonitrile	107-13-1	1.00 ppm	1.01 ppm
n-Pentane	109-66-0	1.00 ppm	1.01 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.01 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.02 ppm
Carbon Disulfide (No Stability Guarantee)	75-15-0	1.00 ppm	1.04 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.10 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.10 ppm
3-Chloropropene	107-05-1	1.00 ppm	1.10 ppm
Freon-113	76-13-1	1.00 ppm	1.00 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.00 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.04 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.08 ppm

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30 Community Drive Suite 11
South Burlington, VT 05403

PAGE: 2 of 4

627134
ID: ATTO15CALs_00021
Exp:01/10/15 Prpd:PAD Opn:01/10/14
TO15 Calibration Source T

CERTIFICATE OF ANALYSIS

Sales#:	111092258	**Cylinder Size:**	2A (8" X 47.5")
Production#:	2915450	**Cylinder # :**	CC-90855
Certification Date:	Jan-10-2014	**Cylinder Pressure:**	1200 psig
P.O.# :	2546692	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	CERTIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	14004551	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	2400 Liter
Expiration Date:	Jan-10-2015	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	CERTIFIED CONC
Vinyl Acetate (No Stability Guarantee)	108-05-4	1.00 ppm	1.09 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.08 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.06 ppm
Hexane	110-54-3	1.00 ppm	1.05 ppm
Chloroform	67-66-3	1.00 ppm	1.01 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.01 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	1.09 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.08 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.04 ppm
Benzene	71-43-2	1.00 ppm	1.06 ppm
1-Butanol (No Stability Guarantee)	71-36-3	1.00 ppm	1.10 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.08 ppm
Cyclohexane	110-82-7	1.00 ppm	1.07 ppm
Dibromomethane	74-95-3	1.00 ppm	1.08 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.08 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.08 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.08 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.08 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.05 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	1.06 ppm
Heptane	142-82-5	1.00 ppm	1.09 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.03 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.08 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.08 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	1.10 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.09 ppm
Toluene	108-88-3	1.00 ppm	1.09 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.10 ppm
Dibromochloromethane	124-48-1	1.00 ppm	1.10 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.08 ppm

THE LINDE GROUP

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30 Community Drive Suite 11
South Burlington, VT 05403

627134
ID: ATTO15CALs_00021
Exp:01/10/15 Prpd:PAD Opn:01/10/14
TO15 Calibration Source T

CERTIFICATE OF ANALYSIS

Sales#:	111092258	**Cylinder Size:**	2A (8" X 47.5")
Production#:	2915450	**Cylinder # :**	CC-90855
Certification Date:	Jan-10-2014	**Cylinder Pressure:**	1200 psig
P.O.# :	2546692	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	CERTIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	14004551	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	2400 Liter
Expiration Date:	Jan-10-2015	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	CERTIFIED CONC
n-Octane	111-65-9	1.00 ppm	1.07 ppm
Tetrachloroethylene	127-18-4	1.00 ppm	1.03 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.10 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.08 ppm
p-xylene	106-42-3	1.00 ppm	1.07 ppm
m-xylene	108-38-3	1.00 ppm	1.07 ppm
Bromoform	75-25-2	1.00 ppm	1.07 ppm
Styrene	100-42-5	1.00 ppm	1.10 ppm
o-xylene	95-47-6	1.00 ppm	1.10 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.10 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.05 ppm
Nonane	111-84-2	1.00 ppm	1.05 ppm
Cumene	98-82-8	1.00 ppm	1.03 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.07 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.03 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.07 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.10 ppm
Alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	1.03 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.08 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.08 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.09 ppm
Benzyl Chloride (No Stability Guarantee)	100-44-7	1.00 ppm	1.09 ppm
n-Decane	124-18-5	1.00 ppm	1.08 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.08 ppm
sec-Butylbenzene	135-98-8	1.00 ppm	1.04 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.04 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.08 ppm
n-Butylbenzene	104-51-8	1.00 ppm	1.05 ppm

THE LINDE GROUP

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PAGE: 4 of 4

627134
ID: ATTO15CALs_00021
Exp:01/10/15 Prpd:PAD Opn:01/10/14
TO15 Calibration Source T

CERTIFICATE OF ANALYSIS

Sales#:	111092258	**Cylinder Size:**	2A (8" X 47.5")
Production#:	2915450	**Cylinder # :**	CC-90855
Certification Date:	Jan-10-2014	**Cylinder Pressure:**	1200 psig
P.O.# :	2546692	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	CERTIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	14004551	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	2400 Liter
Expiration Date:	Jan-10-2015	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	CERTIFIED CONC
n-Undecane	1120-21-4	1.00 ppm	1.01 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.10 ppm
Naphthalene (No Stability Guarantee)	91-20-3	1.00 ppm	1.03 ppm
n-Dodecane	112-40-3	1.00 ppm	0.95 ppm
1,2,3-Trichlorobenzene	87-61-6	1.00 ppm	1.04 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.10 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: _____
Lou Lorenzetti

DATE: Jan-10-2014

SIGMA-ALDRICH
sigma-aldrich.com

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

9/15/11

Certificate of Analysis

Product Name:
Ethanol – 200 proof, anhydrous, ≥99.5%

CH_3CH_2OH

Product Number:	**459836**
Lot Number:	**SHBB5682V**
Brand:	SIAL
CAS Number:	64-17-5
MDL Number:	MFCD00003568
Formula:	C2H6O
Formula Weight:	46.07 g/mol
Quality Release Date:	15 SEP 2011

389837
ID: ATTO15EthCALs_00007
Exp 09/01/17 Prod Prd Open 09/01/12
TO15 Ethanol Cal source 9

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 99.5 %	> 99.9 %
Water (by Karl Fischer)	≤ 0.005 %	0.003 %
Residue on Evaporation	≤ 0.0005 %	0.0003 %
Starting Material Clearance TRACEABLE TO ACS PRODUCT LISTING	Confirmed	Conforms

Jennifer Baughman, Manager
Quality Control
Sheboygan Falls, WI US

Spectra Gases, Inc.

3434 Route 22 West, Branchburg, New Jersey 08876 USA

ISO 9001:2000

G

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30 Community Drive
South Burlington, VT 05403 USA

ATO2-011-18

CERTIFICATE OF ANALYSIS

SGI ORDER # :	140016		
ITEM# :	1	**CYLINDER # :**	CC-279057
CERTIFICATION DATE:	12/11/2008	**CYLINDER PRES:**	2000 psig
P.O.# :	2282386	**CYLINDER VALVE:**	CGA 350
BLEND TYPE:	CERTIFIED	**PRODUCT EXPIRATION DATE:**	12/11/2009

ANALYTICAL ACCURACY: +/-10%

COMPONENT	REQUESTED GAS CONC	ANALYSIS
Bromochloromethane	100 ppb	103 ppb
1,4-Difluorobenzene	100 ppb	106 ppb
Chlorobenzene-d5	100 ppb	107 ppb
4-Bromofluorobenzene	100 ppb	107 ppb
Nitrogen	Balance	Balance

84582
ID: ATTO15GIS_00005
Exp 11/15/11 Prpd WRD Open 12/01/10
Instrument G Internal Sta

SOURCE REFERENCE # 260788

ANALYST: Matthew Booth

DATE: 12/11/2008

Tel: +1 908-252-9300 Fax: +1 908-252-0811
www.spectragases.com

Spectra Gases, Inc.

3434 Route 22 West, Branchburg, New Jersey 08876 USA

ISO 9001:2000

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SHIPPED TO: Severn Trent Labs
208 South Park Drive
Suite 1
Colchester , VT 05446

AT 02 008 13

Recert AT-02-010-13 exp 12/10/08

CERTIFICATE OF ANALYSIS

Instrument V

SGI ORDER # :	101783		
ITEM# :	1	**CYLINDER # :**	CC-250115
CERTIFICATION DATE:	12/27/2006	**CYLINDER PRES:**	2000 psig
P.O.# :	2172385	**CYLINDER VALVE:**	CGA 350
BLEND TYPE:	CERTIFIED	**PRODUCT EXPIRATION DATE:**	12/27/2007

ANALYTICAL ACCURACY: +/- 10%

COMPONENT	REQUESTED GAS CONC	ANALYSIS
Bromochloromethane	100 ppb	103 ppb
1,4-Difluorobenzene	100 ppb	106 ppb
Chlorobenzene-d5	100 ppb	106 ppb
4-Bromofluorobenzene	100 ppb	107 ppb
Nitrogen	Balance	Balance

84578
ID: ATTO15CISs_00004
Exp 11/15/11 Prpd WRD Open 12/01/10
Internal Standard for Ins

ANALYST: April Chamberlain

DATE: 12/27/2006

Tel: +1 908-252-9300 Fax: +1 908-252-0811
www.spectragases.com

84578
ID: ATTO15CISs_00004
Exp: 11/15/11 Prpd: WRD Opnd: 12/01/10
Internal Standard for Ins

TestAmerica Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: G.i
Lab File ID: gfdi005.d
Lab Smp Id: cc 250115
Analysis Type: VOA
Quant Type: ISTD
Operator: wrd
Method File: /chem/G.i/Gsvr.p/gfdito15.b/to15v5.m
Misc Info: 80,1

Calibration Date: 30-NOV-2010
Calibration Time: 15:43

Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
37 Bromochloromethan	2154768	1292861	3016675	1990896	-7.61
47 1,4-Difluorobenze	9200330	5520198	12880462	9071286	-1.40
65 Chlorobenzene-d5	7698158	4618895	10777421	7622511	-0.98

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
37 Bromochloromethan	9.56	9.23	9.89	9.56	0.00
47 1,4-Difluorobenze	10.96	10.63	11.29	10.96	0.00
65 Chlorobenzene-d5	15.08	14.75	15.41	15.08	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Spectra Gases, Inc.
3434 Route 22 West, Branchburg, New Jersey 08876 USA
ISO 9001:2000

AT06= 02-06-05 9/28/05 MTP

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SHIPPED TO: Severn Trent Labs
208 South Park Drive
Suite 1
Colchester , VT 05446

Recert AT020/009 exp 12/10/08
Instrument F

CERTIFICATE OF ANALYSIS

Lot# 238643

SGI ORDER # :	0077411		
ITEM# :	1	**CYLINDER # :**	CC-172855
CERTIFICATION DATE:	9/16/2005	**CYLINDER PRES:**	2000 psig
P.O.# :	2117184	**CYLINDER VALVE:**	CGA 350
BLEND TYPE:	CERTIFIED	**PRODUCT EXPIRATION DATE:**	9/16/2006

ANALYTICAL ACCURACY: +/- 10%

COMPONENT	REQUESTED GAS CONC	ANALYSIS
Bromochloromethane	100 ppb	100 ppb
1,4-Difluorobenzene	100 ppb	101 ppb
Chlorobenzene-d5	100 ppb	100 ppb
4-Bromofluorobenzene	100 ppb	100 ppb
Nitrogen	Balance	Balance

84579
ID: ATTO15FISs_00003
Exp 11/15/11 Prpd WRD Open 12/01/10
Instrument F Internal Sta

ANALYST: April Chamberlain

DATE: 9/19/2005

Tel: +1 908-252-9300 Fax: +1 908-252-0811
www.spectragases.com

Certification Summary

Client: FPM Remediations Inc
Project/Site: Griffiss AFB Soil Vapor

TestAmerica Job ID: 280-64806-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA
TestAmerica Burlington	Florida	NELAP	4	E87467
TestAmerica Burlington	L-A-B	DoD ELAP		L2336
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	NELAP	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAP	1	2006
TestAmerica Burlington	New Jersey	NELAP	2	VT972
TestAmerica Burlington	New York	NELAP	2	10391
TestAmerica Burlington	Pennsylvania	NELAP	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	US Fish & Wildlife	Federal		LE-058448-0
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAP	3	460209

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

TO15

Volatile Organic Compounds in Ambient Air

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11847-003.D

Lab ID: LCS 200-83910/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	10.6	106	70-130	
Freon 22	10.0	10.0	100	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.8	108	70-130	
Chloromethane	10.0	8.88	89	70-130	
n-Butane	10.0	9.81	98	70-130	
Vinyl chloride	10.0	9.08	91	70-130	
1,3-Butadiene	10.0	9.52	95	70-130	
Bromomethane	10.0	9.39	94	70-130	
Chloroethane	10.0	9.39	94	70-130	
Bromoethene(Vinyl Bromide)	10.0	8.91	89	70-130	
Trichlorofluoromethane	10.0	10.2	102	70-130	
Freon TF	10.0	9.53	95	70-130	
1,1-Dichloroethene	10.0	9.17	92	70-130	
Acetone	10.0	12.4	124	70-130	
Isopropyl alcohol	10.0	9.20	92	70-130	
Carbon disulfide	10.0	10.1	101	70-130	
3-Chloropropene	10.0	9.58	96	70-130	
Methylene Chloride	10.0	9.01	90	70-130	
tert-Butyl alcohol	10.0	9.80	98	70-130	
Methyl tert-butyl ether	10.0	10.7	107	70-130	
trans-1,2-Dichloroethene	10.0	10.6	106	70-130	
n-Hexane	10.0	10.3	103	70-130	
1,1-Dichloroethane	10.0	9.76	98	70-130	
Methyl Ethyl Ketone	10.0	8.90	89	70-130	
cis-1,2-Dichloroethene	10.0	9.57	96	70-130	
Chloroform	10.0	10.5	105	70-130	
Tetrahydrofuran	10.0	9.42	94	70-130	
1,1,1-Trichloroethane	10.0	10.6	106	70-130	
Cyclohexane	10.0	9.59	96	70-130	
Carbon tetrachloride	10.0	10.8	108	70-130	
2,2,4-Trimethylpentane	10.0	9.60	96	70-130	
Benzene	10.0	9.36	94	70-130	
1,2-Dichloroethane	10.0	11.6	116	70-130	
n-Heptane	10.0	9.93	99	70-130	
Trichloroethene	10.0	10.3	103	70-130	
Methyl methacrylate	10.0	10.8	109	70-130	
1,2-Dichloropropane	10.0	10.0	100	70-130	
1,4-Dioxane	10.0	9.93	99	70-130	
Bromodichloromethane	10.0	11.1	111	70-130	
cis-1,3-Dichloropropene	10.0	11.3	113	70-130	
methyl isobutyl ketone	10.0	10.9	109	70-130	
Toluene	10.0	10.0	100	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11847-003.D

Lab ID: LCS 200-83910/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	11.2	112	70-130	
1,1,2-Trichloroethane	10.0	9.67	97	70-130	
Tetrachloroethene	10.0	10.5	105	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.4	104	70-130	
Dibromochloromethane	10.0	10.2	102	70-130	
1,2-Dibromoethane	10.0	10.0	100	70-130	
Chlorobenzene	10.0	9.83	98	70-130	
Ethylbenzene	10.0	10.3	103	70-130	
m,p-Xylene	20.0	20.2	101	70-130	
Xylene, o-	10.0	10.2	102	70-130	
Styrene	10.0	10.5	105	70-130	
Bromoform	10.0	10.5	105	70-130	
Cumene	10.0	10.3	103	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.60	96	70-130	
n-Propylbenzene	10.0	10.0	100	70-130	
4-Ethyltoluene	10.0	10.3	103	70-130	
1,3,5-Trimethylbenzene	10.0	10.4	104	70-130	
2-Chlorotoluene	10.0	10.1	101	70-130	
tert-Butylbenzene	10.0	10.3	103	70-130	
1,2,4-Trimethylbenzene	10.0	10.5	105	70-130	
sec-Butylbenzene	10.0	10.1	101	70-130	
4-Isopropyltoluene	10.0	10.3	103	70-130	
1,3-Dichlorobenzene	10.0	10.1	101	70-130	
1,4-Dichlorobenzene	10.0	10.2	102	70-130	
Benzyl chloride	10.0	10.8	108	70-130	
n-Butylbenzene	10.0	10.1	101	70-130	
1,2-Dichlorobenzene	10.0	10.1	101	70-130	
1,2,4-Trichlorobenzene	10.0	10.2	102	70-130	
Hexachlorobutadiene	10.0	10.9	109	70-130	
Naphthalene	10.0	9.71	97	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11878_003.d

Lab ID: LCS 200-83982/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	10.8	108	70-130	
Freon 22	10.0	11.1	111	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.4	124	70-130	
Chloromethane	10.0	10.6	106	70-130	
n-Butane	10.0	10.7	107	70-130	
Vinyl chloride	10.0	11.1	111	70-130	
1,3-Butadiene	10.0	11.0	110	70-130	
Bromomethane	10.0	11.4	114	70-130	
Chloroethane	10.0	10.9	109	70-130	
Bromoethene(Vinyl Bromide)	10.0	11.3	113	70-130	
Trichlorofluoromethane	10.0	11.4	114	70-130	
Freon TF	10.0	11.2	112	70-130	
1,1-Dichloroethene	10.0	11.0	110	70-130	
Acetone	10.0	10.3	103	70-130	
Isopropyl alcohol	10.0	10.5	105	70-130	
Carbon disulfide	10.0	12.7	127	70-130	
3-Chloropropene	10.0	10.6	106	70-130	
Methylene Chloride	10.0	11.0	110	70-130	
tert-Butyl alcohol	10.0	10.8	108	70-130	
Methyl tert-butyl ether	10.0	11.2	112	70-130	
trans-1,2-Dichloroethene	10.0	12.1	121	70-130	
n-Hexane	10.0	12.3	123	70-130	
1,1-Dichloroethane	10.0	11.5	115	70-130	
Methyl Ethyl Ketone	10.0	10.2	102	70-130	
cis-1,2-Dichloroethene	10.0	10.6	106	70-130	
Chloroform	10.0	11.2	112	70-130	
Tetrahydrofuran	10.0	11.3	113	70-130	
1,1,1-Trichloroethane	10.0	11.3	113	70-130	
Cyclohexane	10.0	11.5	115	70-130	
Carbon tetrachloride	10.0	11.6	116	70-130	
2,2,4-Trimethylpentane	10.0	11.5	115	70-130	
Benzene	10.0	11.2	112	70-130	
1,2-Dichloroethane	10.0	11.4	114	70-130	
n-Heptane	10.0	11.4	114	70-130	
Trichloroethene	10.0	11.3	113	70-130	
Methyl methacrylate	10.0	11.3	113	70-130	
1,2-Dichloropropane	10.0	11.1	111	70-130	
1,4-Dioxane	10.0	10.9	109	70-130	
Bromodichloromethane	10.0	11.0	110	70-130	
cis-1,3-Dichloropropene	10.0	11.3	113	70-130	
methyl isobutyl ketone	10.0	11.0	111	70-130	
Toluene	10.0	11.6	116	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11878_003.d

Lab ID: LCS 200-83982/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.8	108	70-130	
1,1,2-Trichloroethane	10.0	11.4	114	70-130	
Tetrachloroethene	10.0	10.1	101	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.5	115	70-130	
Dibromochloromethane	10.0	10.6	106	70-130	
1,2-Dibromoethane	10.0	11.1	111	70-130	
Chlorobenzene	10.0	10.8	108	70-130	
Ethylbenzene	10.0	11.3	113	70-130	
m,p-Xylene	20.0	23.3	117	70-130	
Xylene, o-	10.0	11.2	112	70-130	
Styrene	10.0	11.8	118	70-130	
Bromoform	10.0	10.7	107	70-130	
Cumene	10.0	11.7	117	70-130	
1,1,2,2-Tetrachloroethane	10.0	11.9	119	70-130	
n-Propylbenzene	10.0	12.0	120	70-130	
4-Ethyltoluene	10.0	12.2	122	70-130	
1,3,5-Trimethylbenzene	10.0	11.8	118	70-130	
2-Chlorotoluene	10.0	11.6	116	70-130	
tert-Butylbenzene	10.0	11.8	118	70-130	
1,2,4-Trimethylbenzene	10.0	12.0	120	70-130	
sec-Butylbenzene	10.0	12.2	122	70-130	
4-Isopropyltoluene	10.0	12.2	122	70-130	
1,3-Dichlorobenzene	10.0	11.6	116	70-130	
1,4-Dichlorobenzene	10.0	11.6	116	70-130	
Benzyl chloride	10.0	12.4	125	70-130	
n-Butylbenzene	10.0	12.9	129	70-130	
1,2-Dichlorobenzene	10.0	11.6	116	70-130	
1,2,4-Trichlorobenzene	10.0	9.04	90	70-130	
Hexachlorobutadiene	10.0	10.3	103	70-130	
Naphthalene	10.0	7.86	79	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11880-003.D

Lab ID: LCS 200-83984/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.0	110	70-130	
Freon 22	10.0	10.6	106	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.1	111	70-130	
Chloromethane	10.0	9.35	94	70-130	
n-Butane	10.0	10.3	103	70-130	
Vinyl chloride	10.0	9.33	93	70-130	
1,3-Butadiene	10.0	10.2	102	70-130	
Bromomethane	10.0	9.84	98	70-130	
Chloroethane	10.0	10.1	101	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.10	91	70-130	
Trichlorofluoromethane	10.0	10.6	106	70-130	
Freon TF	10.0	9.67	97	70-130	
1,1-Dichloroethene	10.0	9.40	94	70-130	
Acetone	10.0	12.9	130	70-130	
Isopropyl alcohol	10.0	9.39	94	70-130	
Carbon disulfide	10.0	10.3	103	70-130	
3-Chloropropene	10.0	9.73	97	70-130	
Methylene Chloride	10.0	9.33	93	70-130	
tert-Butyl alcohol	10.0	9.86	99	70-130	
Methyl tert-butyl ether	10.0	10.7	107	70-130	
trans-1,2-Dichloroethene	10.0	10.9	109	70-130	
n-Hexane	10.0	10.6	106	70-130	
1,1-Dichloroethane	10.0	9.81	98	70-130	
Methyl Ethyl Ketone	10.0	9.13	91	70-130	
cis-1,2-Dichloroethene	10.0	9.41	94	70-130	
Chloroform	10.0	10.8	108	70-130	
Tetrahydrofuran	10.0	9.94	99	70-130	
1,1,1-Trichloroethane	10.0	11.1	111	70-130	
Cyclohexane	10.0	9.70	97	70-130	
Carbon tetrachloride	10.0	11.2	112	70-130	
2,2,4-Trimethylpentane	10.0	9.82	98	70-130	
Benzene	10.0	9.59	96	70-130	
1,2-Dichloroethane	10.0	12.2	122	70-130	
n-Heptane	10.0	10.3	103	70-130	
Trichloroethene	10.0	10.5	105	70-130	
Methyl methacrylate	10.0	11.0	110	70-130	
1,2-Dichloropropane	10.0	9.88	99	70-130	
1,4-Dioxane	10.0	9.77	98	70-130	
Bromodichloromethane	10.0	11.4	114	70-130	
cis-1,3-Dichloropropene	10.0	11.3	113	70-130	
methyl isobutyl ketone	10.0	11.2	112	70-130	
Toluene	10.0	10.3	103	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11880-003.D

Lab ID: LCS 200-83984/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	11.4	114	70-130	
1,1,2-Trichloroethane	10.0	9.95	100	70-130	
Tetrachloroethene	10.0	10.6	106	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.9	109	70-130	
Dibromochloromethane	10.0	10.5	105	70-130	
1,2-Dibromoethane	10.0	10.2	102	70-130	
Chlorobenzene	10.0	9.99	100	70-130	
Ethylbenzene	10.0	10.6	106	70-130	
m,p-Xylene	20.0	20.7	104	70-130	
Xylene, o-	10.0	10.3	103	70-130	
Styrene	10.0	10.8	108	70-130	
Bromoform	10.0	10.7	107	70-130	
Cumene	10.0	10.6	106	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.88	99	70-130	
n-Propylbenzene	10.0	10.4	104	70-130	
4-Ethyltoluene	10.0	10.7	107	70-130	
1,3,5-Trimethylbenzene	10.0	10.8	108	70-130	
2-Chlorotoluene	10.0	10.5	105	70-130	
tert-Butylbenzene	10.0	10.5	105	70-130	
1,2,4-Trimethylbenzene	10.0	10.8	108	70-130	
sec-Butylbenzene	10.0	10.5	105	70-130	
4-Isopropyltoluene	10.0	10.7	107	70-130	
1,3-Dichlorobenzene	10.0	10.4	104	70-130	
1,4-Dichlorobenzene	10.0	10.3	103	70-130	
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	10.6	106	70-130	
1,2-Dichlorobenzene	10.0	10.4	104	70-130	
1,2,4-Trichlorobenzene	10.0	10.3	103	70-130	
Hexachlorobutadiene	10.0	11.2	112	70-130	
Naphthalene	10.0	10.1	101	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11892_05.D

Lab ID: LCS 200-84038/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.79	98	70-130	
Freon 22	10.0	10.1	101	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.2	112	70-130	
Chloromethane	10.0	9.23	92	70-130	
n-Butane	10.0	9.97	100	70-130	
Vinyl chloride	10.0	9.16	92	70-130	
1,3-Butadiene	10.0	9.40	94	70-130	
Bromomethane	10.0	9.80	98	70-130	
Chloroethane	10.0	9.69	97	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.88	99	70-130	
Trichlorofluoromethane	10.0	9.98	100	70-130	
Freon TF	10.0	9.64	96	70-130	
1,1-Dichloroethene	10.0	9.40	94	70-130	
Acetone	10.0	11.4	114	70-130	
Isopropyl alcohol	10.0	9.81	98	70-130	
Carbon disulfide	10.0	11.6	116	70-130	
3-Chloropropene	10.0	9.40	94	70-130	
Methylene Chloride	10.0	9.78	98	70-130	
tert-Butyl alcohol	10.0	9.79	98	70-130	
Methyl tert-butyl ether	10.0	9.98	100	70-130	
trans-1,2-Dichloroethene	10.0	10.7	107	70-130	
n-Hexane	10.0	10.9	109	70-130	
1,1-Dichloroethane	10.0	9.92	99	70-130	
Methyl Ethyl Ketone	10.0	9.07	91	70-130	
cis-1,2-Dichloroethene	10.0	9.70	97	70-130	
Chloroform	10.0	10.4	104	70-130	
Tetrahydrofuran	10.0	10.2	102	70-130	
1,1,1-Trichloroethane	10.0	10.0	100	70-130	
Cyclohexane	10.0	10.1	101	70-130	
Carbon tetrachloride	10.0	10.1	101	70-130	
2,2,4-Trimethylpentane	10.0	10.2	102	70-130	
Benzene	10.0	9.92	99	70-130	
1,2-Dichloroethane	10.0	10.5	105	70-130	
n-Heptane	10.0	10.4	104	70-130	
Trichloroethene	10.0	9.47	95	70-130	
Methyl methacrylate	10.0	10.3	103	70-130	
1,2-Dichloropropane	10.0	10.5	105	70-130	
1,4-Dioxane	10.0	10.6	106	70-130	
Bromodichloromethane	10.0	10.7	107	70-130	
cis-1,3-Dichloropropene	10.0	11.1	111	70-130	
methyl isobutyl ketone	10.0	10.6	106	70-130	
Toluene	10.0	10.1	101	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11892_05.D

Lab ID: LCS 200-84038/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.9	109	70-130	
1,1,2-Trichloroethane	10.0	10.1	101	70-130	
Tetrachloroethene	10.0	9.37	94	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.4	104	70-130	
Dibromochloromethane	10.0	9.84	98	70-130	
1,2-Dibromoethane	10.0	10.0	100	70-130	
Chlorobenzene	10.0	9.64	96	70-130	
Ethylbenzene	10.0	9.98	100	70-130	
m,p-Xylene	20.0	19.1	96	70-130	
Xylene, o-	10.0	9.62	96	70-130	
Styrene	10.0	9.77	98	70-130	
Bromoform	10.0	9.70	97	70-130	
Cumene	10.0	9.53	95	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.1	101	70-130	
n-Propylbenzene	10.0	9.66	97	70-130	
4-Ethyltoluene	10.0	9.91	99	70-130	
1,3,5-Trimethylbenzene	10.0	9.56	96	70-130	
2-Chlorotoluene	10.0	9.74	97	70-130	
tert-Butylbenzene	10.0	9.21	92	70-130	
1,2,4-Trimethylbenzene	10.0	9.35	94	70-130	
sec-Butylbenzene	10.0	9.35	93	70-130	
4-Isopropyltoluene	10.0	9.36	94	70-130	
1,3-Dichlorobenzene	10.0	9.09	91	70-130	
1,4-Dichlorobenzene	10.0	8.98	90	70-130	
Benzyl chloride	10.0	9.22	92	70-130	
n-Butylbenzene	10.0	9.55	96	70-130	
1,2-Dichlorobenzene	10.0	8.99	90	70-130	
1,2,4-Trichlorobenzene	10.0	8.49	85	70-130	
Hexachlorobutadiene	10.0	9.69	97	70-130	
Naphthalene	10.0	7.15	71	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11879_03a.D

Lab ID: LCS 200-84055/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.93	99	70-130	
Freon 22	10.0	9.30	93	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.0	110	70-130	
Chloromethane	10.0	9.18	92	70-130	
n-Butane	10.0	9.05	91	70-130	
Vinyl chloride	10.0	8.88	89	70-130	
1,3-Butadiene	10.0	9.35	94	70-130	
Bromomethane	10.0	9.68	97	70-130	
Chloroethane	10.0	9.63	96	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.25	92	70-130	
Trichlorofluoromethane	10.0	9.70	97	70-130	
Freon TF	10.0	9.82	98	70-130	
1,1-Dichloroethene	10.0	9.71	97	70-130	
Acetone	10.0	8.37	84	70-130	
Isopropyl alcohol	10.0	8.48	85	70-130	
Carbon disulfide	10.0	10.5	105	70-130	
3-Chloropropene	10.0	8.37	84	70-130	
Methylene Chloride	10.0	8.77	88	70-130	
tert-Butyl alcohol	10.0	8.88	89	70-130	
Methyl tert-butyl ether	10.0	9.44	94	70-130	
trans-1,2-Dichloroethene	10.0	9.87	99	70-130	
n-Hexane	10.0	9.45	95	70-130	
1,1-Dichloroethane	10.0	9.55	96	70-130	
Methyl Ethyl Ketone	10.0	8.80	88	70-130	
cis-1,2-Dichloroethene	10.0	9.20	92	70-130	
Chloroform	10.0	9.46	95	70-130	
Tetrahydrofuran	10.0	9.11	91	70-130	
1,1,1-Trichloroethane	10.0	9.80	98	70-130	
Cyclohexane	10.0	9.55	95	70-130	
Carbon tetrachloride	10.0	9.82	98	70-130	
2,2,4-Trimethylpentane	10.0	9.32	93	70-130	
Benzene	10.0	9.44	94	70-130	
1,2-Dichloroethane	10.0	9.19	92	70-130	
n-Heptane	10.0	8.94	89	70-130	
Trichloroethene	10.0	9.48	95	70-130	
Methyl methacrylate	10.0	9.45	95	70-130	
1,2-Dichloropropane	10.0	9.35	94	70-130	
1,4-Dioxane	10.0	9.69	97	70-130	
Bromodichloromethane	10.0	9.67	97	70-130	
cis-1,3-Dichloropropene	10.0	9.67	97	70-130	
methyl isobutyl ketone	10.0	8.66	87	70-130	
Toluene	10.0	9.81	98	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11879_03a.D

Lab ID: LCS 200-84055/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	9.44	94	70-130	
1,1,2-Trichloroethane	10.0	10.1	101	70-130	
Tetrachloroethene	10.0	10.5	105	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	8.61	86	70-130	
Dibromochloromethane	10.0	9.67	97	70-130	
1,2-Dibromoethane	10.0	9.68	97	70-130	
Chlorobenzene	10.0	9.99	100	70-130	
Ethylbenzene	10.0	9.75	98	70-130	
m,p-Xylene	20.0	19.9	99	70-130	
Xylene, o-	10.0	9.87	99	70-130	
Styrene	10.0	9.77	98	70-130	
Bromoform	10.0	10.1	101	70-130	
Cumene	10.0	9.92	99	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	70-130	
n-Propylbenzene	10.0	9.85	99	70-130	
4-Ethyltoluene	10.0	10.3	103	70-130	
1,3,5-Trimethylbenzene	10.0	10.1	101	70-130	
2-Chlorotoluene	10.0	9.93	99	70-130	
tert-Butylbenzene	10.0	10.2	102	70-130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70-130	
sec-Butylbenzene	10.0	10.3	103	70-130	
4-Isopropyltoluene	10.0	10.2	102	70-130	
1,3-Dichlorobenzene	10.0	10.4	104	70-130	
1,4-Dichlorobenzene	10.0	10.2	102	70-130	
Benzyl chloride	10.0	9.15	92	70-130	
n-Butylbenzene	10.0	10.2	102	70-130	
1,2-Dichlorobenzene	10.0	10.3	103	70-130	
1,2,4-Trichlorobenzene	10.0	9.10	91	70-130	
Hexachlorobutadiene	10.0	10.1	101	70-130	
Naphthalene	10.0	7.82	78	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11918_03.D

Lab ID: LCS 200-84069/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	8.03	80	70-130	
Freon 22	10.0	7.89	79	70-130	
1,2-Dichlorotetrafluoroethane	10.0	8.76	88	70-130	
Chloromethane	10.0	7.30	73	70-130	
n-Butane	10.0	7.96	80	70-130	
Vinyl chloride	10.0	7.10	71	70-130	
1,3-Butadiene	10.0	7.42	74	70-130	
Bromomethane	10.0	7.60	76	70-130	
Chloroethane	10.0	7.06	71	70-130	
Bromoethene(Vinyl Bromide)	10.0	7.88	79	70-130	
Trichlorofluoromethane	10.0	8.00	80	70-130	
Freon TF	10.0	7.71	77	70-130	
1,1-Dichloroethene	10.0	7.53	75	70-130	
Acetone	10.0	9.45	95	70-130	
Isopropyl alcohol	10.0	8.41	84	70-130	
Carbon disulfide	10.0	9.10	91	70-130	
3-Chloropropene	10.0	7.41	74	70-130	
Methylene Chloride	10.0	8.19	82	70-130	
tert-Butyl alcohol	10.0	8.73	87	70-130	
Methyl tert-butyl ether	10.0	8.14	81	70-130	
trans-1,2-Dichloroethene	10.0	8.29	83	70-130	
n-Hexane	10.0	8.58	86	70-130	
1,1-Dichloroethane	10.0	7.94	79	70-130	
Methyl Ethyl Ketone	10.0	7.87	79	70-130	
cis-1,2-Dichloroethene	10.0	7.74	77	70-130	
Chloroform	10.0	8.40	84	70-130	
Tetrahydrofuran	10.0	8.51	85	70-130	
1,1,1-Trichloroethane	10.0	8.30	83	70-130	
Cyclohexane	10.0	8.02	80	70-130	
Carbon tetrachloride	10.0	8.35	84	70-130	
2,2,4-Trimethylpentane	10.0	8.17	82	70-130	
Benzene	10.0	8.15	82	70-130	
1,2-Dichloroethane	10.0	8.47	85	70-130	
n-Heptane	10.0	8.34	83	70-130	
Trichloroethene	10.0	7.72	77	70-130	
Methyl methacrylate	10.0	8.40	84	70-130	
1,2-Dichloropropane	10.0	8.20	82	70-130	
1,4-Dioxane	10.0	9.38	94	70-130	
Bromodichloromethane	10.0	8.69	87	70-130	
cis-1,3-Dichloropropene	10.0	8.92	89	70-130	
methyl isobutyl ketone	10.0	8.95	90	70-130	
Toluene	10.0	8.51	85	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11918_03.D

Lab ID: LCS 200-84069/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	8.94	89	70-130	
1,1,2-Trichloroethane	10.0	8.70	87	70-130	
Tetrachloroethene	10.0	8.34	83	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.10	91	70-130	
Dibromochloromethane	10.0	8.64	86	70-130	
1,2-Dibromoethane	10.0	8.77	88	70-130	
Chlorobenzene	10.0	8.42	84	70-130	
Ethylbenzene	10.0	8.54	85	70-130	
m,p-Xylene	20.0	16.3	81	70-130	
Xylene, o-	10.0	8.23	82	70-130	
Styrene	10.0	8.40	84	70-130	
Bromoform	10.0	8.64	86	70-130	
Cumene	10.0	8.23	82	70-130	
1,1,2,2-Tetrachloroethane	10.0	8.63	86	70-130	
n-Propylbenzene	10.0	8.31	83	70-130	
4-Ethyltoluene	10.0	8.58	86	70-130	
1,3,5-Trimethylbenzene	10.0	8.23	82	70-130	
2-Chlorotoluene	10.0	8.50	85	70-130	
tert-Butylbenzene	10.0	8.00	80	70-130	
1,2,4-Trimethylbenzene	10.0	8.08	81	70-130	
sec-Butylbenzene	10.0	8.12	81	70-130	
4-Isopropyltoluene	10.0	8.21	82	70-130	
1,3-Dichlorobenzene	10.0	8.09	81	70-130	
1,4-Dichlorobenzene	10.0	8.33	83	70-130	
Benzyl chloride	10.0	8.31	83	70-130	
n-Butylbenzene	10.0	8.57	86	70-130	
1,2-Dichlorobenzene	10.0	8.14	81	70-130	
1,2,4-Trichlorobenzene	10.0	8.74	87	70-130	
Hexachlorobutadiene	10.0	9.09	91	70-130	
Naphthalene	10.0	7.09	71	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11847-004.D Lab Sample ID: MB 200-83910/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHX.i Date Analyzed: 01/28/2015 12:06

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-83910/3	11847-003.D	01/28/2015 11:20
101OA0305FA	280-64806-9	11847-023.D	01/29/2015 02:43
774IA1MA	280-64806-18	11847-024.D	01/29/2015 03:29
774776OA1MA	280-64806-19	11847-025.D	01/29/2015 04:16
776IA1MA	280-64806-20	11847-026.D	01/29/2015 05:02
101IA0305FA	280-64806-7	11847-028.D	01/29/2015 08:58
101IA0405FA	280-64806-8	11847-029.D	01/29/2015 09:42

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11878_004.d Lab Sample ID: MB 200-83982/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHW.i Date Analyzed: 01/29/2015 13:08

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-83982/3	11878_003.d	01/29/2015 12:18
774776CA01LA	280-64806-1	11878_005.d	01/29/2015 13:59
785786CA01LA	280-64806-2	11878_006.d	01/29/2015 14:49
101VMP0101FA	280-64806-3	11878_007.d	01/29/2015 15:38
101VMP0201FA	280-64806-4	11878_008.d	01/30/2015 07:47
101VMP0301FA	280-64806-5	11878_009.d	01/30/2015 08:35
101VMP0201FC	280-64806-6	11878_010.d	01/30/2015 09:23
101CA01FA	280-64806-10	11878_011.d	01/30/2015 10:13

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11879_04a.D Lab Sample ID: MB 200-84055/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHB.i Date Analyzed: 01/29/2015 13:12

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-84055/3	11879_03a.D	01/29/2015 12:20
776VMP0201MA	280-64806-16	11879_18a.D	01/30/2015 01:22
776VMP0301MA	280-64806-17	11879_19a.D	01/30/2015 02:14
786VMP0102NA	280-64806-23	11879_20a.D	01/30/2015 03:06
785VMP0202NA	280-64806-27	11879_21a.D	01/30/2015 03:57
785VMP0501NA	280-64806-28	11879_22a.D	01/30/2015 04:49
785VMP0401NA	280-64806-29	11879_23a.D	01/30/2015 05:41
776VMP0101MA	280-64806-15	11879_24a.D	01/30/2015 08:19
776VMP0101MC	280-64806-14	11879_25a.D	01/30/2015 09:11

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11880-004.D Lab Sample ID: MB 200-83984/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHX.i Date Analyzed: 01/29/2015 13:21

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-83984/3	11880-003.D	01/29/2015 12:35
785IA14	280-64806-24	11880-005.D	01/29/2015 14:07
785786OA10	280-64806-26	11880-006.D	01/29/2015 14:53
012615TB	280-64806-31	11880-007.D	01/29/2015 15:39

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11892_06.D Lab Sample ID: MB 200-84038/6

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHG.i Date Analyzed: 01/30/2015 13:03

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-84038/5	11892_05.D	01/30/2015 12:12
774VMP0101MA	280-64806-11	11892_07.D	01/30/2015 13:54
774VMP0201MA	280-64806-12	11892_08.D	01/30/2015 14:45
774VMP0301MA	280-64806-13	11892_09.D	01/30/2015 15:36

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11918_04.D Lab Sample ID: MB 200-84069/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHG.i Date Analyzed: 02/02/2015 11:20

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-84069/3	11918_03.D	02/02/2015 10:29
786VMP0202NA	280-64806-21	11918_11.D	02/02/2015 17:43
786VMP0302NA	280-64806-22	11918_12.D	02/02/2015 18:34
786IA13	280-64806-25	11918_13.D	02/02/2015 19:25
786VMP0202NC	280-64806-30	11918_14.D	02/02/2015 20:16

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11709_01.D BFB Injection Date: 01/20/2015

Instrument ID: CHB.i BFB Injection Time: 12:01

Analysis Batch No.: 83585

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	22.2	
75	30.0 - 66.0% of mass 95	56.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.2	(0.2)1
174	50.0 - 120.0% of mass 95	88.9	
175	4.0 - 9.0 % of mass 174	6.7	(7.6)1
176	93.0 - 101.0% of mass 174	86.3	(97.0)1
177	5.0 - 9.0% of mass 176	5.6	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-83585/7	11709_07.D	01/20/2015	17:24
	IC 200-83585/8	11709_08.D	01/20/2015	18:16
	IC 200-83585/9	11709_09.D	01/20/2015	19:08
	IC 200-83585/10	11709_10.D	01/20/2015	20:00
	ICIS 200-83585/11	11709_11.D	01/20/2015	20:52
	IC 200-83585/12	11709_12.D	01/20/2015	21:44
	IC 200-83585/13	11709_13.D	01/20/2015	22:36
	IC 200-83585/14	11709_14.D	01/20/2015	23:27
	ICV 200-83585/17	11709_17.D	01/21/2015	02:04

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11879_01a.D BFB Injection Date: 01/29/2015

Instrument ID: CHB.i BFB Injection Time: 10:39

Analysis Batch No.: 84055

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	21.5	
75	30.0 - 66.0% of mass 95	55.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	96.0	
175	4.0 - 9.0 % of mass 174	6.7	(7.0)1
176	93.0 - 101.0% of mass 174	92.5	(96.4)1
177	5.0 - 9.0% of mass 176	6.1	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-84055/2	11879_02a.D	01/29/2015	11:28
	LCS 200-84055/3	11879_03a.D	01/29/2015	12:20
	MB 200-84055/4	11879_04a.D	01/29/2015	13:12
776VMP0201MA	280-64806-16	11879_18a.D	01/30/2015	01:22
776VMP0301MA	280-64806-17	11879_19a.D	01/30/2015	02:14
786VMP0102NA	280-64806-23	11879_20a.D	01/30/2015	03:06
785VMP0202NA	280-64806-27	11879_21a.D	01/30/2015	03:57
785VMP0501NA	280-64806-28	11879_22a.D	01/30/2015	04:49
785VMP0401NA	280-64806-29	11879_23a.D	01/30/2015	05:41
776VMP0101MA	280-64806-15	11879_24a.D	01/30/2015	08:19
776VMP0101MC	280-64806-14	11879_25a.D	01/30/2015	09:11

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11695_01.D BFB Injection Date: 01/19/2015

Instrument ID: CHG.i BFB Injection Time: 15:10

Analysis Batch No.: 83549

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	23.0	
75	30.0 - 66.0% of mass 95	54.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	87.2	
175	4.0 - 9.0 % of mass 174	6.0	(6.9)1
176	93.0 - 101.0% of mass 174	86.7	(99.4)1
177	5.0 - 9.0% of mass 176	5.6	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-83549/4	11695_04.D	01/19/2015	17:42
	IC 200-83549/5	11695_05.D	01/19/2015	18:32
	IC 200-83549/6	11695_06.D	01/19/2015	19:23
	IC 200-83549/7	11695_07.D	01/19/2015	20:14
	ICIS 200-83549/8	11695_08.D	01/19/2015	21:05
	IC 200-83549/9	11695_09.D	01/19/2015	21:57
	IC 200-83549/11	11695_11.D	01/19/2015	23:39
	IC 200-83549/17	11695_17.D	01/20/2015	08:44
	ICV 200-83549/19	11695_19.D	01/20/2015	10:37

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11892_01.D BFB Injection Date: 01/30/2015

Instrument ID: CHG.i BFB Injection Time: 08:44

Analysis Batch No.: 84038

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	21.7	
75	30.0 - 66.0% of mass 95	53.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.5	(0.6)1
174	50.0 - 120.0% of mass 95	87.5	
175	4.0 - 9.0 % of mass 174	6.0	(6.9)1
176	93.0 - 101.0% of mass 174	85.2	(97.4)1
177	5.0 - 9.0% of mass 176	5.7	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-84038/2	11892_02.D	01/30/2015	09:39
	LCS 200-84038/5	11892_05.D	01/30/2015	12:12
	MB 200-84038/6	11892_06.D	01/30/2015	13:03
774VMP0101MA	280-64806-11	11892_07.D	01/30/2015	13:54
774VMP0201MA	280-64806-12	11892_08.D	01/30/2015	14:45
774VMP0301MA	280-64806-13	11892_09.D	01/30/2015	15:36

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11918_01.D BFB Injection Date: 02/02/2015

Instrument ID: CHG.i BFB Injection Time: 08:48

Analysis Batch No.: 84069

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	20.8	
75	30.0 - 66.0% of mass 95	51.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	91.7	
175	4.0 - 9.0 % of mass 174	6.5	(7.1)1
176	93.0 - 101.0% of mass 174	90.6	(98.8)1
177	5.0 - 9.0% of mass 176	5.9	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-84069/2	11918_02.D	02/02/2015	09:38
	LCS 200-84069/3	11918_03.D	02/02/2015	10:29
	MB 200-84069/4	11918_04.D	02/02/2015	11:20
786VMP0202NA	280-64806-21	11918_11.D	02/02/2015	17:43
786VMP0302NA	280-64806-22	11918_12.D	02/02/2015	18:34
786IA13	280-64806-25	11918_13.D	02/02/2015	19:25
786VMP0202NC	280-64806-30	11918_14.D	02/02/2015	20:16

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11767_003.d BFB Injection Date: 01/23/2015

Instrument ID: CHW.i BFB Injection Time: 12:03

Analysis Batch No.: 83750

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.0	
75	30.0 - 66.0% of mass 95	39.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.5	(0.4)1
174	50.0 - 120.0% of mass 95	117.5	
175	4.0 - 9.0 % of mass 174	8.2	(6.9)1
176	93.0 - 101.0% of mass 174	114.2	(97.2)1
177	5.0 - 9.0% of mass 176	7.7	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-83750/5	11767_005.d	01/23/2015	13:46
	IC 200-83750/6	11767_006.d	01/23/2015	14:36
	IC 200-83750/7	11767_007.d	01/23/2015	15:25
	IC 200-83750/8	11767_008.d	01/23/2015	16:16
	ICIS 200-83750/9	11767_009.d	01/23/2015	17:06
	IC 200-83750/10	11767_010.d	01/23/2015	17:55
	IC 200-83750/11	11767_011.d	01/23/2015	18:45
	IC 200-83750/12	11767_012.d	01/23/2015	19:33
	ICV 200-83750/15	11767_015.d	01/23/2015	22:02

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11878_001.d BFB Injection Date: 01/29/2015

Instrument ID: CHW.i BFB Injection Time: 10:35

Analysis Batch No.: 83982

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.3	
75	30.0 - 66.0% of mass 95	41.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	98.2	
175	4.0 - 9.0 % of mass 174	7.0	(7.1)1
176	93.0 - 101.0% of mass 174	95.2	(97.0)1
177	5.0 - 9.0% of mass 176	6.2	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-83982/2	11878_002.d	01/29/2015	11:29
	LCS 200-83982/3	11878_003.d	01/29/2015	12:18
	MB 200-83982/4	11878_004.d	01/29/2015	13:08
774776CA01LA	280-64806-1	11878_005.d	01/29/2015	13:59
785786CA01LA	280-64806-2	11878_006.d	01/29/2015	14:49
101VMP0101FA	280-64806-3	11878_007.d	01/29/2015	15:38
101VMP0201FA	280-64806-4	11878_008.d	01/30/2015	07:47
101VMP0301FA	280-64806-5	11878_009.d	01/30/2015	08:35
101VMP0201FC	280-64806-6	11878_010.d	01/30/2015	09:23
101CA01FA	280-64806-10	11878_011.d	01/30/2015	10:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 10468-001.D BFB Injection Date: 11/10/2014

Instrument ID: CHX.i BFB Injection Time: 14:08

Analysis Batch No.: 80238

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.9	
75	30.0 - 66.0% of mass 95	47.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.8	(0.9)1
174	50.0 - 120.0% of mass 95	87.0	
175	4.0 - 9.0 % of mass 174	6.3	(7.3)1
176	93.0 - 101.0% of mass 174	84.6	(97.2)1
177	5.0 - 9.0% of mass 176	5.4	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-80238/4	10468-004.D	11/10/2014	16:30
	IC 200-80238/5	10468-005.D	11/10/2014	17:16
	IC 200-80238/6	10468-006.D	11/10/2014	18:02
	IC 200-80238/7	10468-007.D	11/10/2014	18:48
	ICIS 200-80238/8	10468-008.D	11/10/2014	19:34
	IC 200-80238/9	10468-009.D	11/10/2014	20:21
	IC 200-80238/10	10468-010.D	11/10/2014	21:07
	IC 200-80238/11	10468-011.D	11/10/2014	21:54
	ICV 200-80238/14	10468-014.D	11/11/2014	00:16

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11847-001.D BFB Injection Date: 01/28/2015

Instrument ID: CHX.i BFB Injection Time: 09:45

Analysis Batch No.: 83910

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.4	
75	30.0 - 66.0% of mass 95	49.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.4	
173	Less than 2.0% of mass 174	0.7	(0.8)1
174	50.0 - 120.0% of mass 95	89.0	
175	4.0 - 9.0 % of mass 174	6.3	(7.0)1
176	93.0 - 101.0% of mass 174	86.9	(97.7)1
177	5.0 - 9.0% of mass 176	5.6	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-83910/2	11847-002.D	01/28/2015	10:33
	LCS 200-83910/3	11847-003.D	01/28/2015	11:20
	MB 200-83910/4	11847-004.D	01/28/2015	12:06
101OA0305FA	280-64806-9	11847-023.D	01/29/2015	02:43
774IA1MA	280-64806-18	11847-024.D	01/29/2015	03:29
774776OA1MA	280-64806-19	11847-025.D	01/29/2015	04:16
776IA1MA	280-64806-20	11847-026.D	01/29/2015	05:02
101IA0305FA	280-64806-7	11847-028.D	01/29/2015	08:58
101IA0405FA	280-64806-8	11847-029.D	01/29/2015	09:42

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab File ID: 11880-001.D BFB Injection Date: 01/29/2015

Instrument ID: CHX.i BFB Injection Time: 11:03

Analysis Batch No.: 83984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	19.4	
75	30.0 - 66.0% of mass 95	51.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.4	
173	Less than 2.0% of mass 174	0.9	(1.0)1
174	50.0 - 120.0% of mass 95	87.8	
175	4.0 - 9.0 % of mass 174	6.4	(7.3)1
176	93.0 - 101.0% of mass 174	85.4	(97.3)1
177	5.0 - 9.0% of mass 176	5.6	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-83984/2	11880-002.D	01/29/2015	11:49
	LCS 200-83984/3	11880-003.D	01/29/2015	12:35
	MB 200-83984/4	11880-004.D	01/29/2015	13:21
785IA14	280-64806-24	11880-005.D	01/29/2015	14:07
785786OA10	280-64806-26	11880-006.D	01/29/2015	14:53
012615TB	280-64806-31	11880-007.D	01/29/2015	15:39

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Sample No.: ICIS 200-83585/11 Date Analyzed: 01/20/2015 20:52

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11709_11.D Heated Purge: (Y/N) N

Calibration ID: 29623

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		385945	9.88	1916177	11.28	1731329	15.38
UPPER LIMIT		540323	10.21	2682648	11.61	2423861	15.71
LOWER LIMIT		231567	9.55	1149706	10.95	1038797	15.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-83585/17		433521	9.88	2153589	11.28	1934512	15.38

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Sample No.: CCVIS 200-84055/2 Date Analyzed: 01/29/2015 11:28

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11879_02a.D Heated Purge: (Y/N) N

Calibration ID: 29623

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		622335	9.87	3109055	11.27	2806566	15.37
UPPER LIMIT		871269	10.20	4352677	11.60	3929192	15.70
LOWER LIMIT		373401	9.54	1865433	10.94	1683940	15.04
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-84055/3		642734	9.87	3118047	11.28	2789749	15.37
MB 200-84055/4		646242	9.87	3157856	11.27	2826412	15.37
280-64806-16	776VMP0201MA	573660	9.87	2829754	11.27	2450925	15.37
280-64806-17	776VMP0301MA	558700	9.88	2765317	11.28	2436449	15.37
280-64806-23	786VMP0102NA	570268	9.87	2782699	11.27	2429072	15.37
280-64806-27	785VMP0202NA	576640	9.87	2824196	11.28	2526298	15.37
280-64806-28	785VMP0501NA	587117	9.87	2837655	11.27	2504410	15.37
280-64806-29	785VMP0401NA	554356	9.87	2733814	11.27	2396067	15.37
280-64806-15	776VMP0101MA	564498	9.88	2816769	11.27	2520449	15.37
280-64806-14	776VMP0101MC	567802	9.87	2782363	11.27	2465736	15.37

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Sample No.: ICIS 200-83549/8 Date Analyzed: 01/19/2015 21:05

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11695_08.D Heated Purge: (Y/N) N

Calibration ID: 29616

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		395697	10.22	2154543	12.22	2215948	18.37
UPPER LIMIT		553976	10.55	3016360	12.55	3102327	18.70
LOWER LIMIT		237418	9.89	1292726	11.89	1329569	18.04
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-83549/19		370316	10.22	1960621	12.22	2121079	18.37

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Sample No.: CCVIS 200-84038/2 Date Analyzed: 01/30/2015 09:39

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11892_02.D Heated Purge: (Y/N) N

Calibration ID: 29616

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		363525	10.21	1974835	12.21	1972940	18.36
UPPER LIMIT		508935	10.54	2764769	12.54	2762116	18.69
LOWER LIMIT		218115	9.88	1184901	11.88	1183764	18.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-84038/5		361847	10.21	1945264	12.21	2099365	18.36
MB 200-84038/6		355205	10.20	2036870	12.21	1961150	18.36
280-64806-11	774VMP0101MA	336246	10.21	1713804	12.21	1925267	18.36
280-64806-12	774VMP0201MA	331941	10.21	1756908	12.21	1748092	18.36
280-64806-13	774VMP0301MA	298847	10.21	1775748	12.21	1800309	18.36

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Sample No.: CCVIS 200-84069/2 Date Analyzed: 02/02/2015 09:38

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11918_02.D Heated Purge: (Y/N) N

Calibration ID: 29616

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		330151	10.21	1653502	12.21	1819121	18.36
UPPER LIMIT		462211	10.54	2314903	12.54	2546769	18.69
LOWER LIMIT		198091	9.88	992101	11.88	1091473	18.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-84069/3		325379	10.21	1707060	12.21	1752629	18.36
MB 200-84069/4		328758	10.21	1891389	12.21	1803532	18.36
280-64806-21	786VMP0202NA	270542	10.21	1345838	12.21	1320648	18.36
280-64806-22	786VMP0302NA	261987	10.21	1310196	12.21	1225315	18.36
280-64806-25	786IA13	258250	10.21	1290440	12.21	1118635	18.36
280-64806-30	786VMP0202NC	280217	10.21	1418218	12.21	1234563	18.36

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Sample No.: ICIS 200-83750/9 Date Analyzed: 01/23/2015 17:06

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11767_009.d Heated Purge: (Y/N) N

Calibration ID: 29647

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		277051	12.80	1254921	14.69	1179187	20.38
UPPER LIMIT		387871	13.13	1756889	15.02	1650862	20.71
LOWER LIMIT		166231	12.47	752953	14.36	707512	20.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-83750/15		318570	12.81	1403343	14.70	1310182	20.39

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Sample No.: CCVIS 200-83982/2 Date Analyzed: 01/29/2015 11:29

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11878_002.d Heated Purge: (Y/N) N

Calibration ID: 29647

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		224230	12.82	1005164	14.70	996317	20.39
UPPER LIMIT		313922	13.15	1407230	15.03	1394844	20.72
LOWER LIMIT		134538	12.49	603098	14.37	597790	20.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-83982/3		243267	12.83	1084226	14.71	949578	20.39
MB 200-83982/4		227277	12.81	1046697	14.69	908640	20.39
280-64806-1	774776CA01LA	202404	12.82	889081	14.70	814153	20.39
280-64806-2	785786CA01LA	186376	12.80	872067	14.68	827336	20.38
280-64806-3	101VMP0101FA	218538	12.80	953402	14.69	885230	20.38
280-64806-4	101VMP0201FA	239141	12.81	1062633	14.69	980132	20.39
280-64806-5	101VMP0301FA	210143	12.80	934588	14.68	849087	20.38
280-64806-6	101VMP0201FC	186286	12.80	787551	14.69	752681	20.39
280-64806-10	101CA01FA	190640	12.80	877089	14.68	815323	20.38

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Sample No.: ICIS 200-80238/8 Date Analyzed: 11/10/2014 19:34

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 10468-008.D Heated Purge: (Y/N) N

Calibration ID: 28497

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		257851	10.35	1452216	12.35	1431920	18.56
UPPER LIMIT		360991	10.68	2033102	12.68	2004688	18.89
LOWER LIMIT		154711	10.02	871330	12.02	859152	18.23
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-80238/14		337903	10.35	2001600	12.35	1946488	18.56

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Sample No.: CCVIS 200-83910/2 Date Analyzed: 01/28/2015 10:33

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11847-002.D Heated Purge: (Y/N) N

Calibration ID: 28497

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		144504	10.33	864612	12.33	886509	18.54
UPPER LIMIT		202306	10.66	1210457	12.66	1241113	18.87
LOWER LIMIT		86702	10.00	518767	12.00	531905	18.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-83910/3		148580	10.32	894888	12.32	926896	18.54
MB 200-83910/4		154127	10.31	944612	12.32	942863	18.53
280-64806-9	101OA0305FA	136539	10.31	823726	12.32	803453	18.53
280-64806-18	774IA1MA	132320	10.32	797156	12.32	785619	18.53
280-64806-19	774776OA1MA	129953	10.31	773192	12.32	754114	18.53
280-64806-20	776IA1MA	127333	10.32	761663	12.32	747018	18.53
280-64806-7	101IA0305FA	125055	10.32	749019	12.32	741787	18.53
280-64806-8	101IA0405FA	122825	10.32	723523	12.32	708755	18.53

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Sample No.: CCVIS 200-83984/2 Date Analyzed: 01/29/2015 11:49

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11880-002.D Heated Purge: (Y/N) N

Calibration ID: 28497

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		127900	10.32	758058	12.32	776793	18.53
UPPER LIMIT		179060	10.65	1061281	12.65	1087510	18.86
LOWER LIMIT		76740	9.99	454835	11.99	466076	18.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-83984/3		138121	10.32	813454	12.32	827827	18.54
MB 200-83984/4		142877	10.31	860465	12.32	850145	18.53
280-64806-24	785IA14	136595	10.32	807479	12.32	809054	18.53
280-64806-26	785786OA10	124503	10.32	755666	12.32	740812	18.54
280-64806-31	012615TB	127011	10.32	772449	12.32	766885	18.53

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776CA01LA Lab Sample ID: 280-64806-1

Matrix: Air Lab File ID: 11878_005.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:45

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.90		0.50	0.056
75-45-6	Freon 22	86.47	0.20	U	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.47	J	0.50	0.060
106-97-8	n-Butane	58.12	0.74		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	5.0		0.20	0.045
76-13-1	Freon TF	187.38	0.080	U	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	3.1	J	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.98	J	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.14	J	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.14	J	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.047	J	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.37		0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.33	M	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.030	U	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.16	J M	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776CA01LA Lab Sample ID: 280-64806-1

Matrix: Air Lab File ID: 11878_005.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:45

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	19		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.058	J	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.12	J	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.029	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	U	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.053	J	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776CA01LA Lab Sample ID: 280-64806-1

Matrix: Air Lab File ID: 11878_005.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:45

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776CA01LA Lab Sample ID: 280-64806-1

Matrix: Air Lab File ID: 11878_005.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:45

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	4.5		2.5	0.28
75-45-6	Freon 22	86.47	0.71	U	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.96	J	1.0	0.12
106-97-8	n-Butane	58.12	1.7		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	28		1.1	0.25
76-13-1	Freon TF	187.38	0.61	U	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	7.3	J	12	1.6
67-63-0	Isopropyl alcohol	60.10	2.4	J	12	0.37
75-15-0	Carbon disulfide	76.14	0.44	J	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.50	J	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.17	J	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	1.8		0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	1.8	M	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.19	U	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.53	J M	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776CA01LA Lab Sample ID: 280-64806-1

Matrix: Air Lab File ID: 11878_005.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:45

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	100		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.22	J	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.84	J	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.13	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	U	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.26	J	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776CA01LA Lab Sample ID: 280-64806-1

Matrix: Air Lab File ID: 11878_005.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:45

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d
Lims ID: 280-64806-A-1 Lab Sample ID: 200-64806-1
Client ID: 774776CA01LA
Sample Type: Client
Inject. Date: 29-Jan-2015 13:59:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011878-005
Misc. Info.: 280-64806-a-1
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 09:12:03 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 29-Jan-2015 16:38:24

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	2 Dichlorodifluoromethane	85	4.478	4.478	0.000	61	50677	0.9048	
	3 Chlorodifluoromethane	51		4.547				ND	
	4 1,2-Dichloro-1,1,2,2-tetra	85		4.836				ND	
	5 Chloromethane	50	5.018	5.023	-0.005	81	7650	0.4672	
	6 Butane	43	5.291	5.291	0.000	90	19704	0.7350	
	7 Vinyl chloride	62		5.344				ND	
	8 Butadiene	54		5.446				ND	
	9 Bromomethane	94		6.307				ND	
	11 Chloroethane	64		6.596				ND	
	13 Vinyl bromide	106		7.072				ND	
	14 Trichlorofluoromethane	101	7.184	7.185	-0.001	87	273359	5.05	
	20 1,1,2-Trichloro-1,2,2-trif	101		8.431				ND	
	21 1,1-Dichloroethene	96		8.501				ND	
	22 Acetone	43	8.768	8.752	0.016	89	73681	3.09	
	23 Carbon disulfide	76	8.993	8.987	0.006	80	8025	0.1421	
	24 Isopropyl alcohol	45	9.105	9.078	0.027	90	17212	0.9810	
	25 3-Chloro-1-propene	41		9.383				ND	
	27 Methylene Chloride	49	9.720	9.715	0.005	51	2640	0.1429	
	28 2-Methyl-2-propanol	59		9.950				ND	
	29 Methyl tert-butyl ether	73		10.164				ND	
S	30 1,2-Dichloroethene, Total	61		10.200				ND	
	31 trans-1,2-Dichloroethene	61		10.207				ND	
	33 Hexane	57	10.614	10.624	-0.010	50	1303	0.0475	
	34 1,1-Dichloroethane	63		11.170				ND	
	37 cis-1,2-Dichloroethene	96		12.342				ND	
	38 2-Butanone (MEK)	72		12.363				ND	
*	40 Chlorobromomethane	128	12.818	12.823	-0.005	74	202404	10.0	
	41 Tetrahydrofuran	42		12.839				ND	
	42 Chloroform	83	12.930	12.936	-0.006	73	15439	0.3734	
	43 Cyclohexane	84		13.230				ND	
	44 1,1,1-Trichloroethane	97	13.235	13.240	-0.005	1	13600	0.3252	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Carbon tetrachloride	117		13.497				ND	
46 Isooctane	57		13.888				ND	
47 Benzene	78	13.941	13.947	-0.006	51	10978	0.1649	M
48 1,2-Dichloroethane	62		14.107				ND	
49 n-Heptane	43		14.241				ND	
* 50 1,4-Difluorobenzene	114	14.695	14.701	-0.006	92	889081	10.0	
53 Trichloroethene	95	15.166	15.172	-0.006	89	569357	18.9	
54 1,2-Dichloropropane	63		15.685				ND	
55 Methyl methacrylate	69		15.771				ND	
56 1,4-Dioxane	88		15.872				ND	
58 Dichlorobromomethane	83		16.177				ND	
60 cis-1,3-Dichloropropene	75		17.039				ND	
61 4-Methyl-2-pentanone (MIBK	43		17.274				ND	
64 Toluene	92	17.606	17.606	0.000	60	3021	0.0576	
66 trans-1,3-Dichloropropene	75		18.141				ND	
67 1,1,2-Trichloroethane	83		18.505				ND	
68 Tetrachloroethene	166	18.654	18.649	0.005	63	6751	0.1234	
69 2-Hexanone	43		18.900				ND	
71 Chlorodibromomethane	129		19.264				ND	
72 Ethylene Dibromide	107		19.548				ND	
S 73 Xylenes, Total	106				0		0.0364	
* 74 Chlorobenzene-d5	117	20.388	20.393	-0.005	80	814153	10.0	
75 Chlorobenzene	112		20.446				ND	
76 Ethylbenzene	91	20.553	20.559	-0.006	1	1627	0.0149	
78 m-Xylene & p-Xylene	106	20.767	20.778	-0.011	19	1453	0.0295	
79 o-Xylene	106	21.479	21.495	-0.016	1	332	0.006938	
80 Styrene	104		21.532				ND	
81 Bromoform	173		21.918				ND	
82 Isopropylbenzene	105	22.062	22.062	0.000	48	6930	0.0529	
$ 83 4-Bromofluorobenzene	95	22.399	22.399	0.000	98	591092	NC	
84 1,1,2,2-Tetrachloroethane	83		22.624				ND	
85 N-Propylbenzene	91		22.699				ND	
88 4-Ethyltoluene	105		22.865				ND	
89 2-Chlorotoluene	91		22.902				ND	
90 1,3,5-Trimethylbenzene	105		22.956				ND	
92 tert-Butylbenzene	119		23.432				ND	
93 1,2,4-Trimethylbenzene	105		23.523				ND	
94 sec-Butylbenzene	105		23.758				ND	
95 4-Isopropyltoluene	119		23.961				ND	
96 1,3-Dichlorobenzene	146		24.036				ND	
97 1,4-Dichlorobenzene	146		24.181				ND	
98 Benzyl chloride	91		24.384				ND	
100 n-Butylbenzene	91		24.598				ND	
101 1,2-Dichlorobenzene	146		24.785				ND	
103 1,2,4-Trichlorobenzene	180		27.663				ND	
104 Hexachlorobutadiene	225		27.861				ND	
105 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

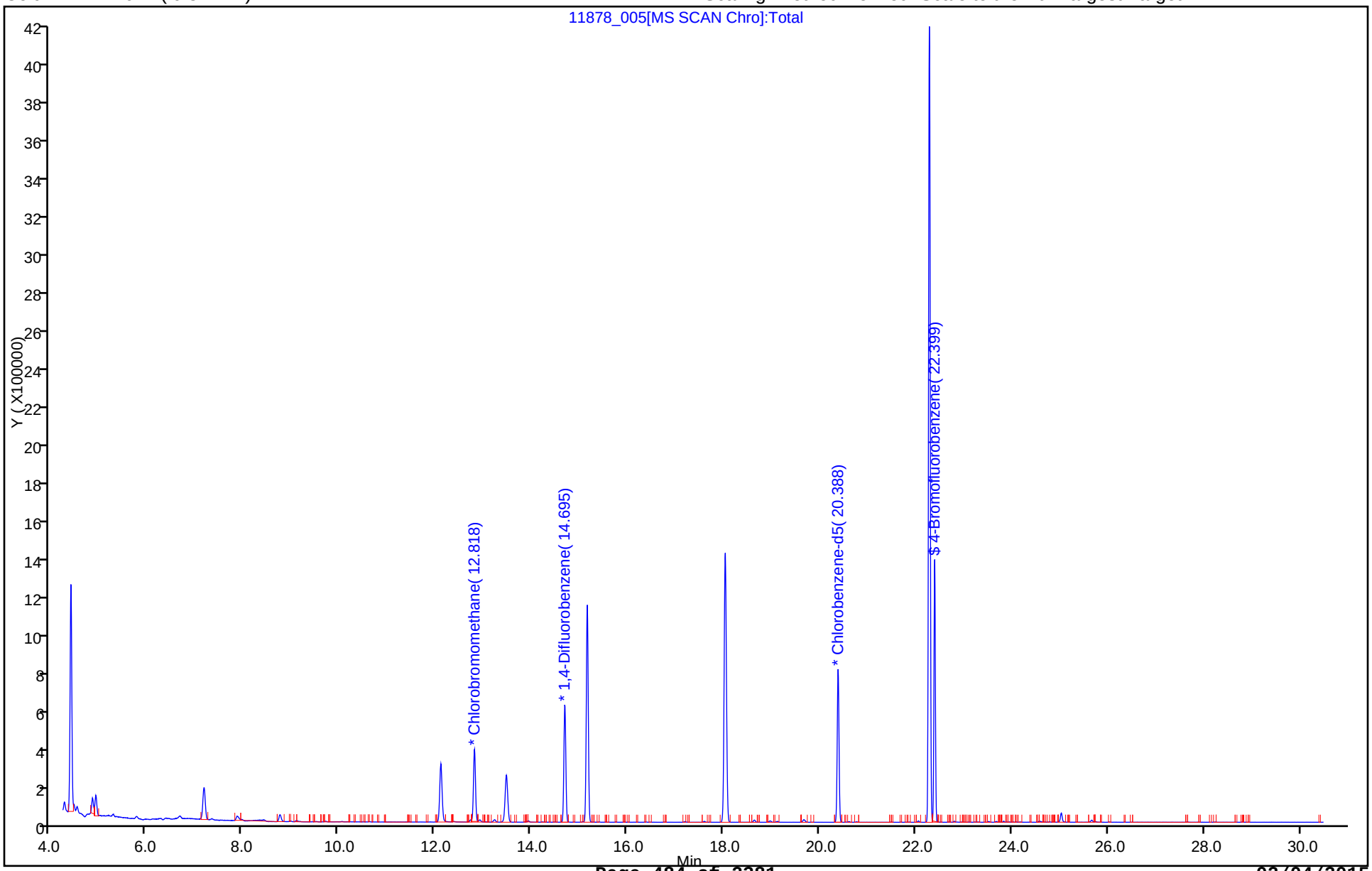
Report Date: 30-Jan-2015 09:12:06 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1	Worklist Smp#:	5
Client ID:	774776CA01LA				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



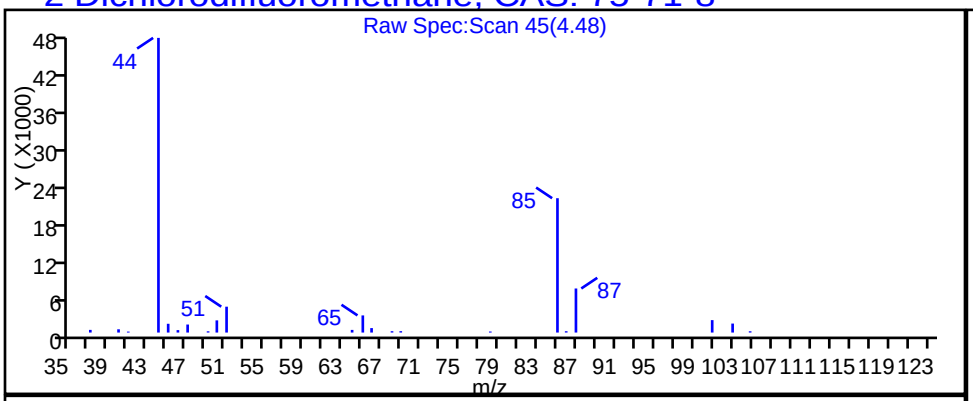
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

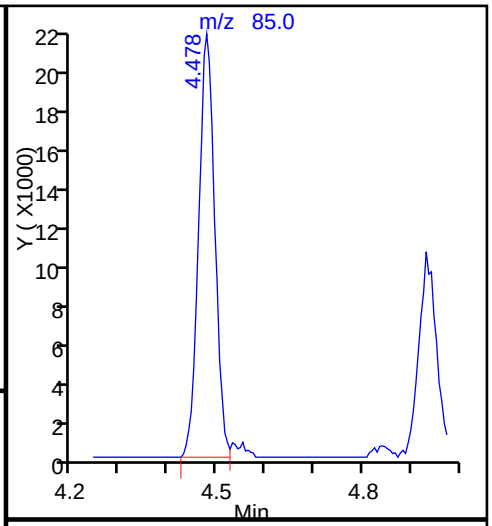
TestAmerica Burlington

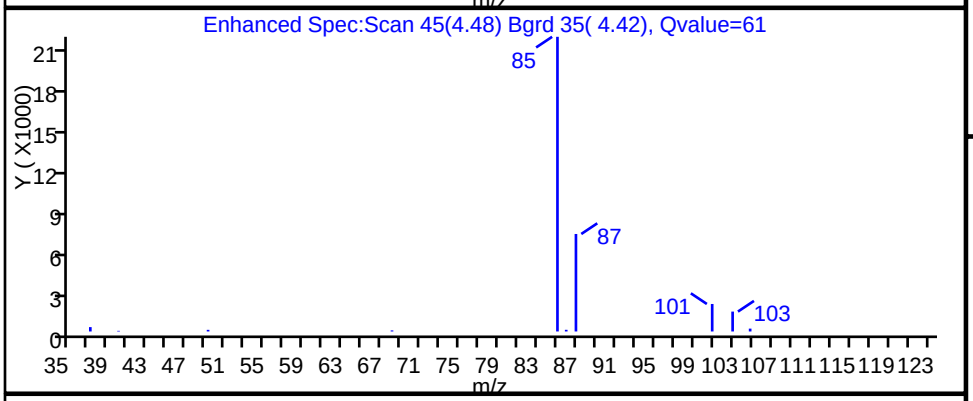
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

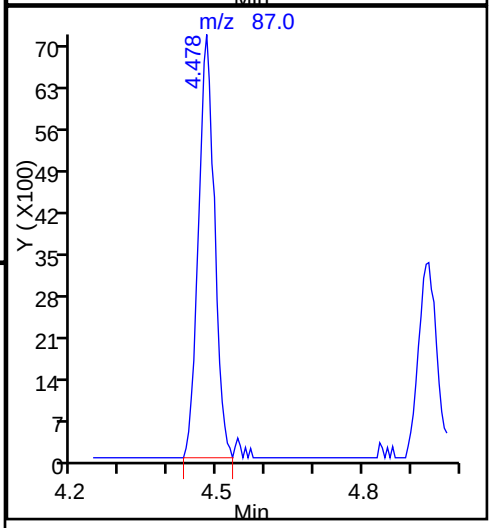
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

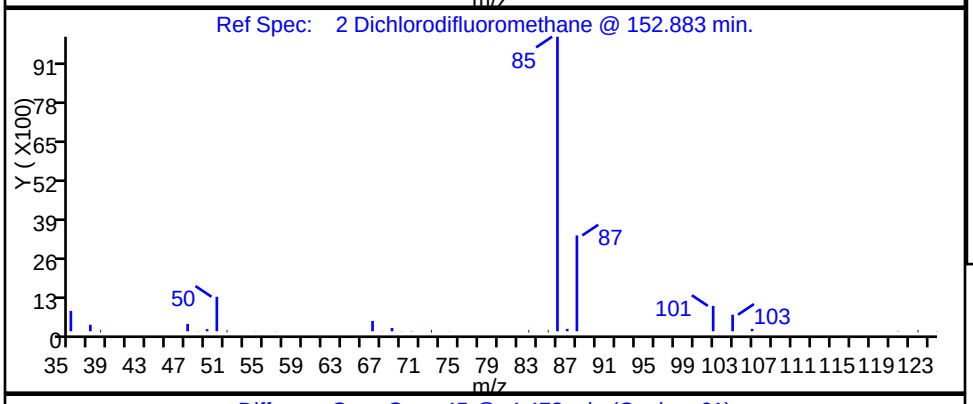
2 Dichlorodifluoromethane, CAS: 75-71-8

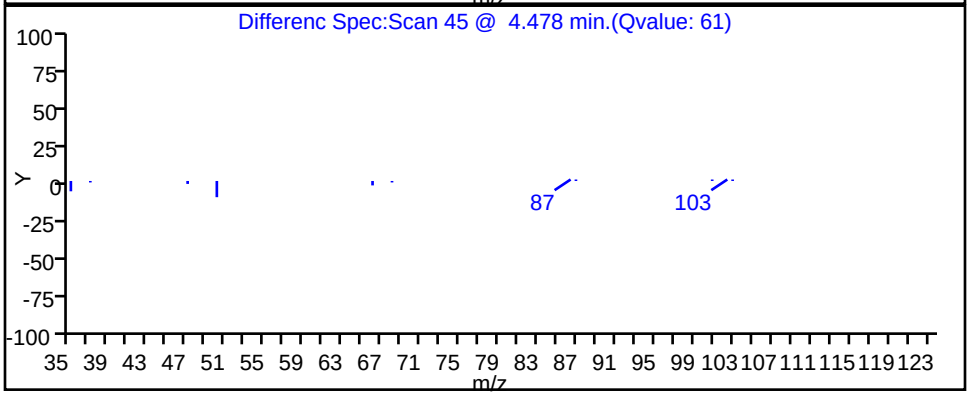












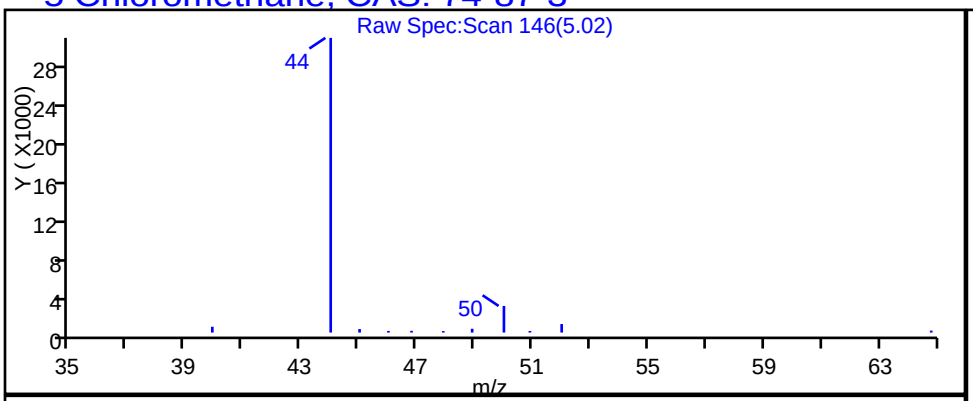
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

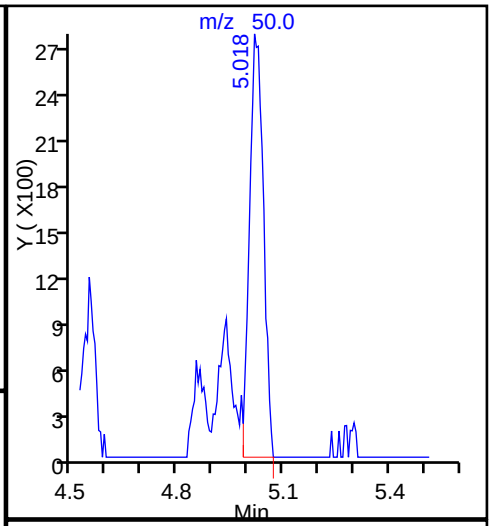
TestAmerica Burlington

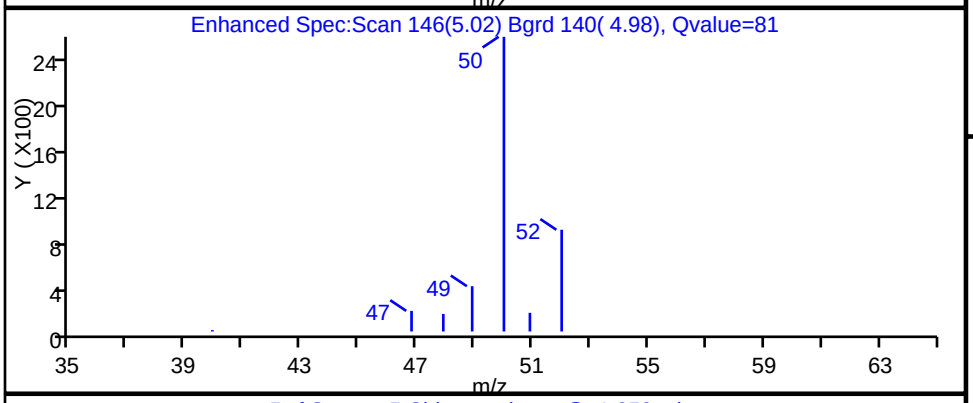
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

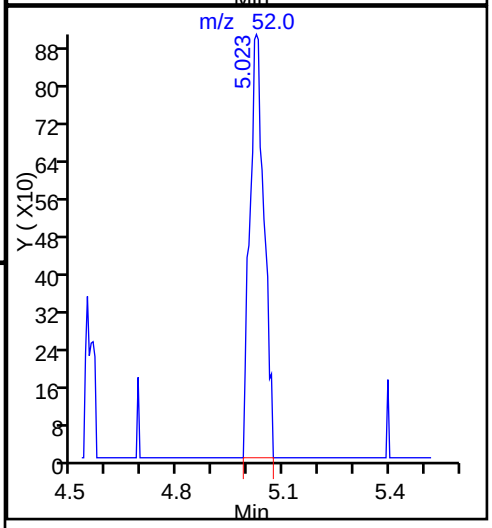
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

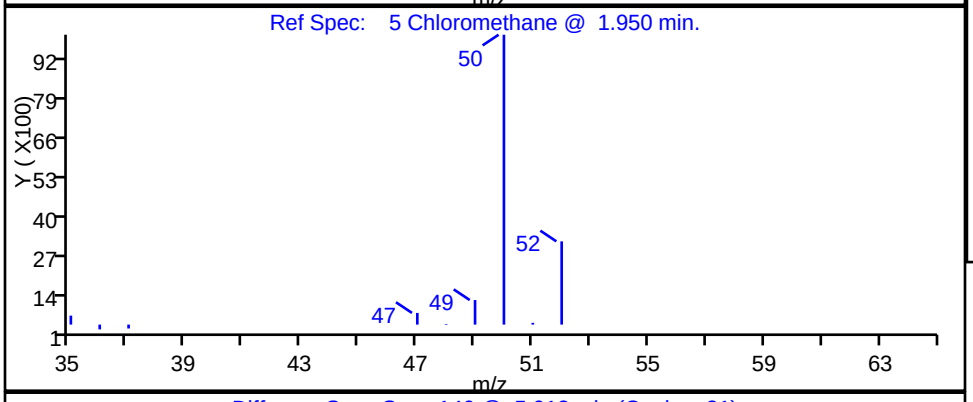
5 Chloromethane, CAS: 74-87-3

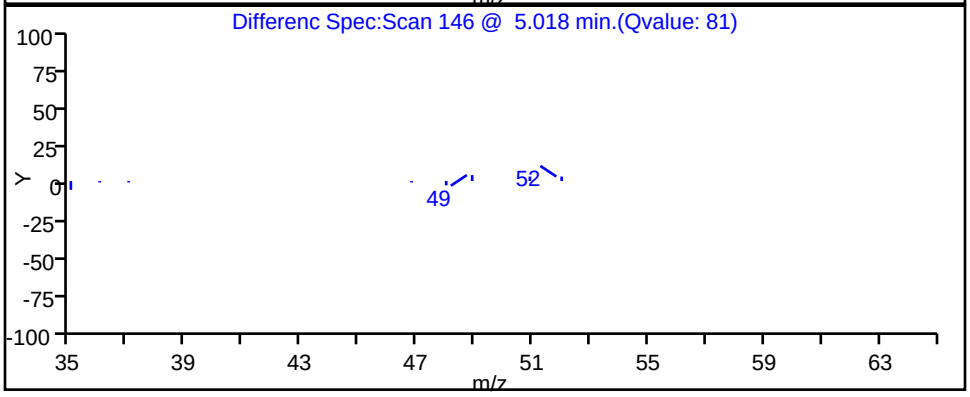












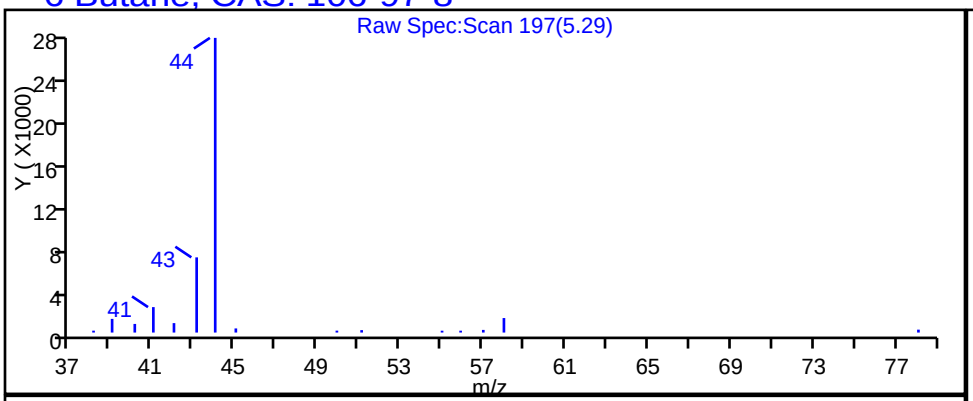
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

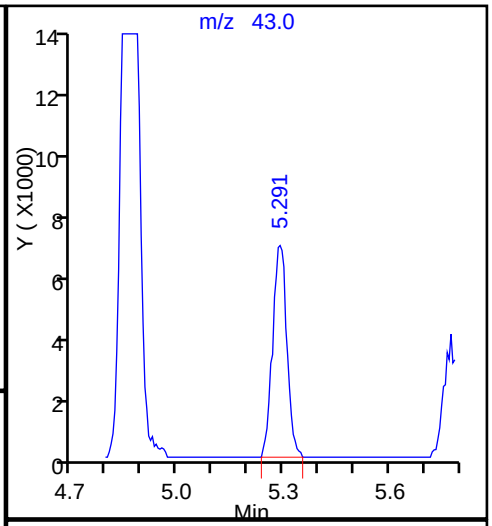
TestAmerica Burlington

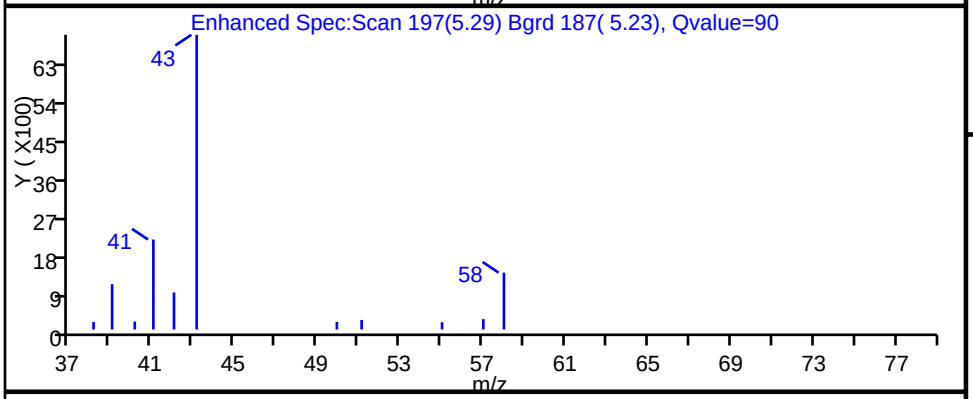
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

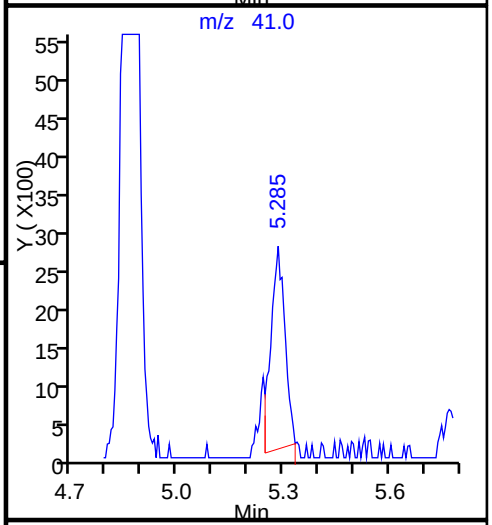
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

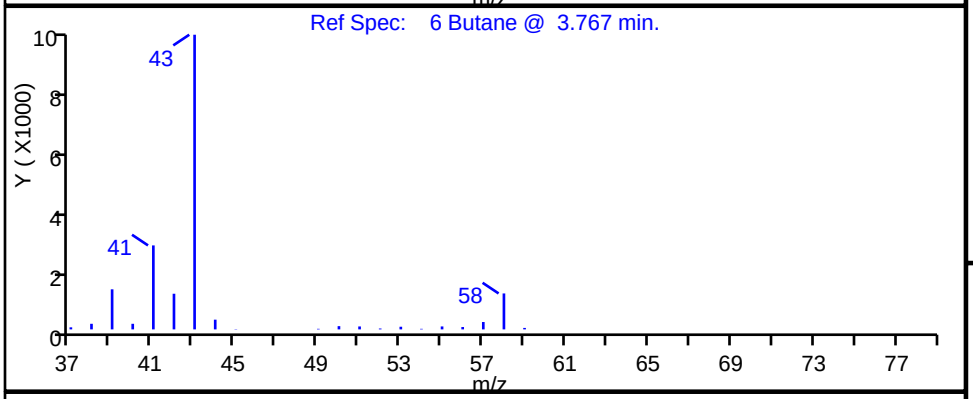
6 Butane, CAS: 106-97-8

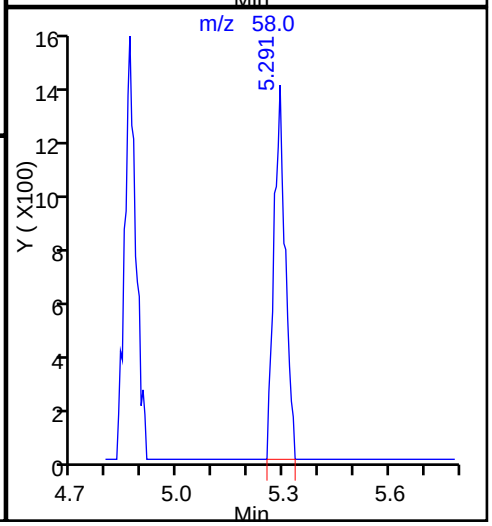


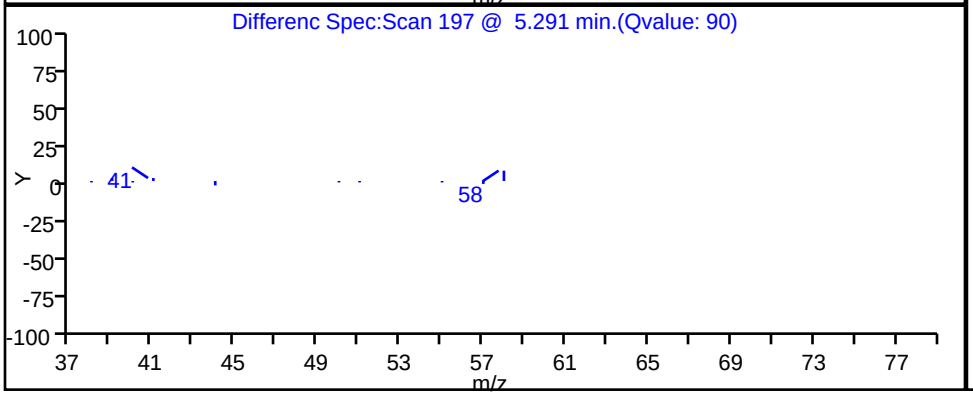












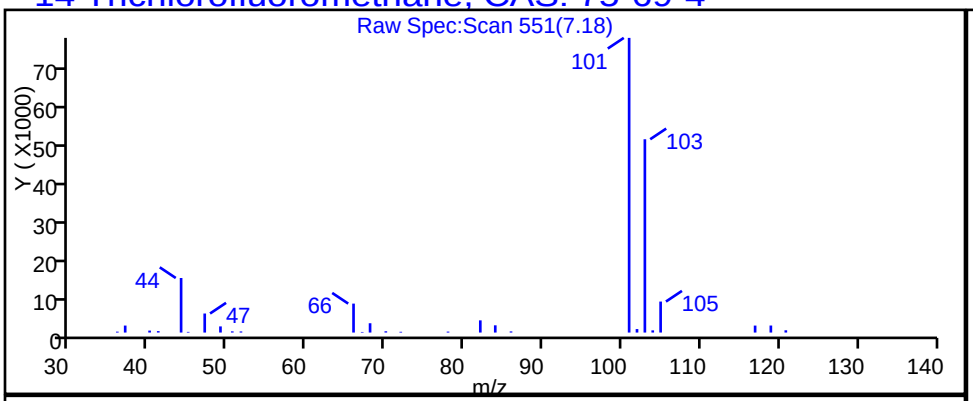
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

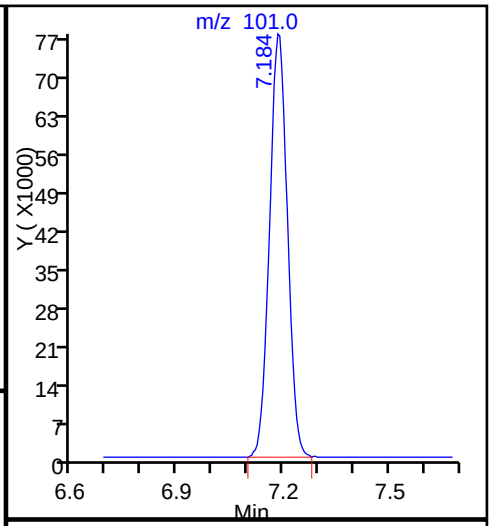
TestAmerica Burlington

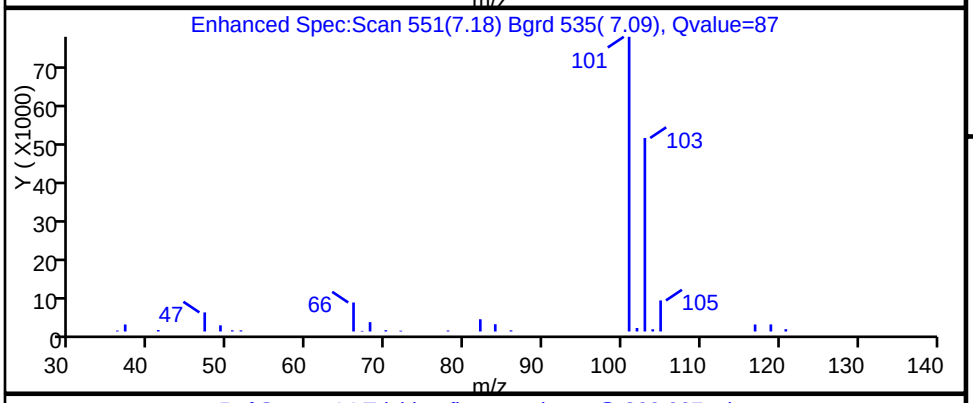
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

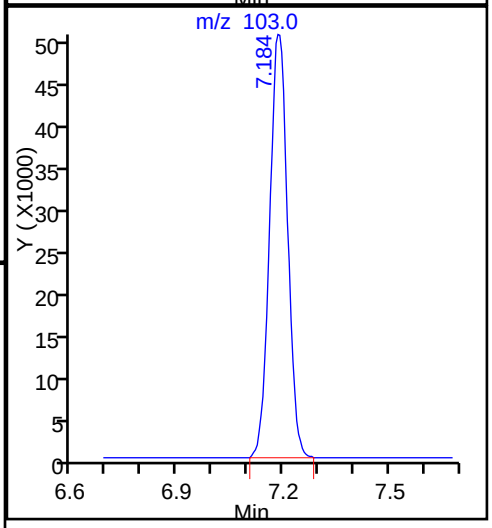
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

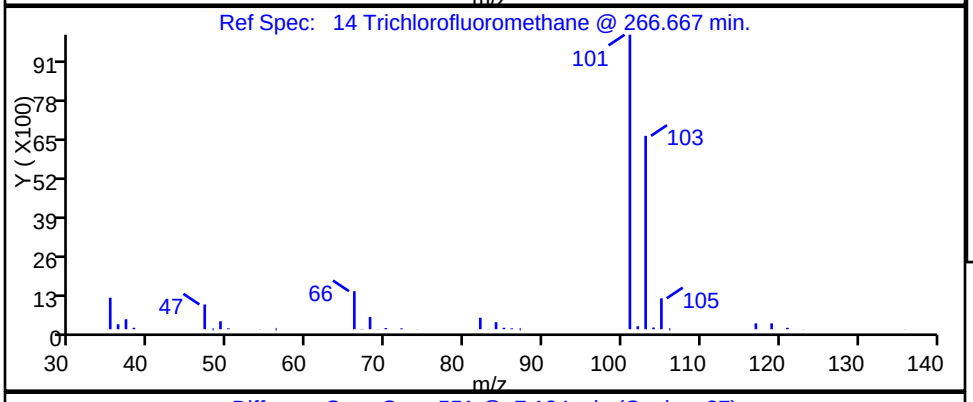
14 Trichlorofluoromethane, CAS: 75-69-4

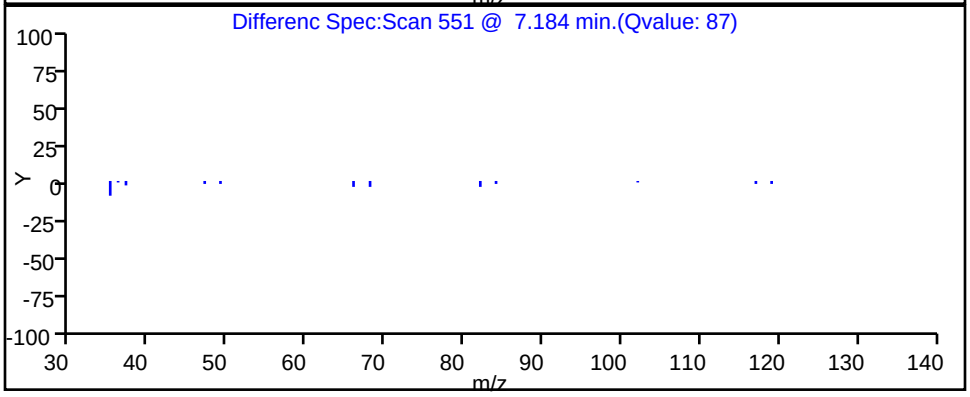












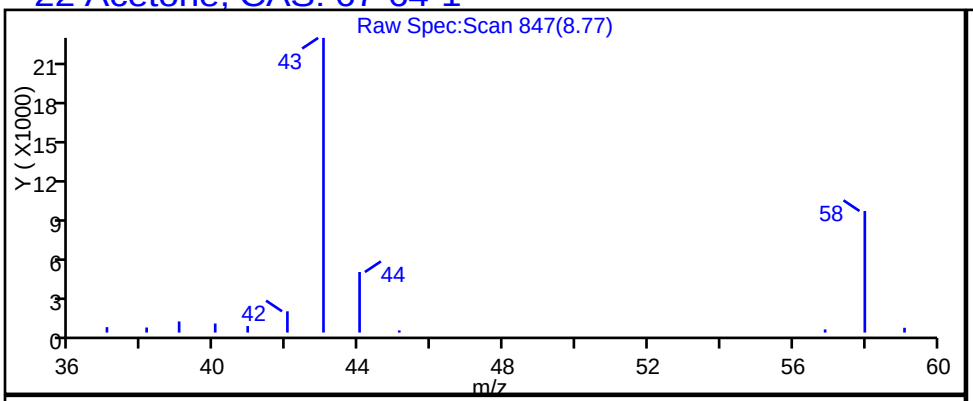
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

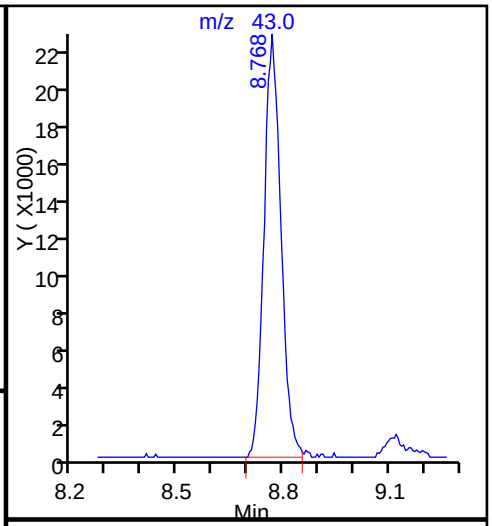
TestAmerica Burlington

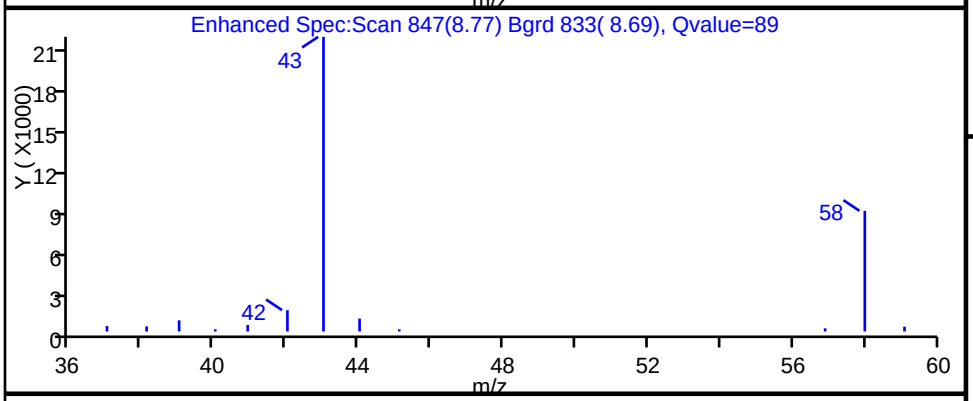
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

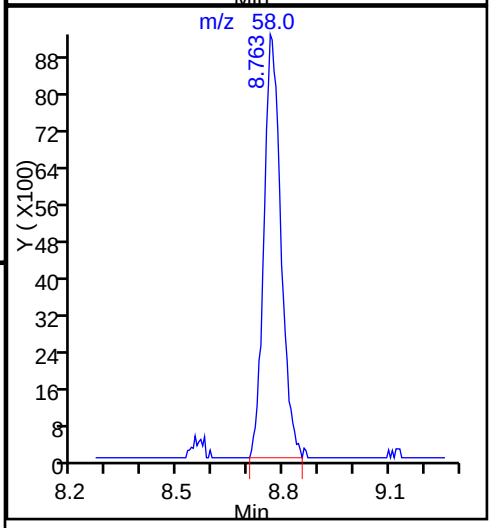
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

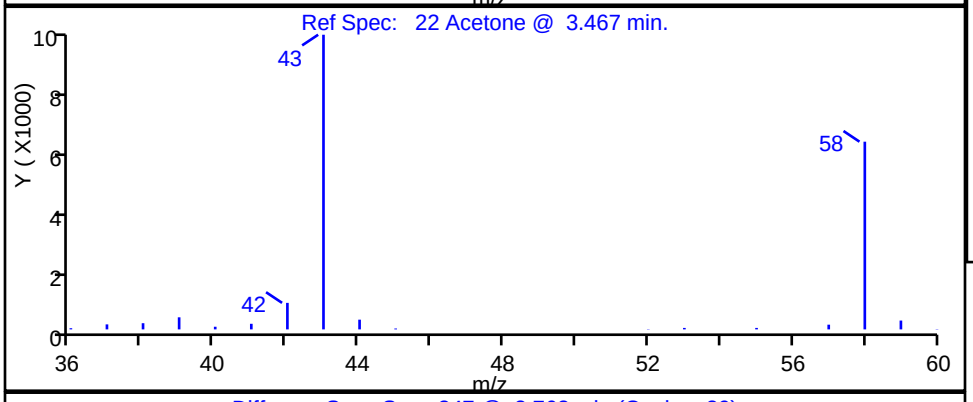
22 Acetone, CAS: 67-64-1

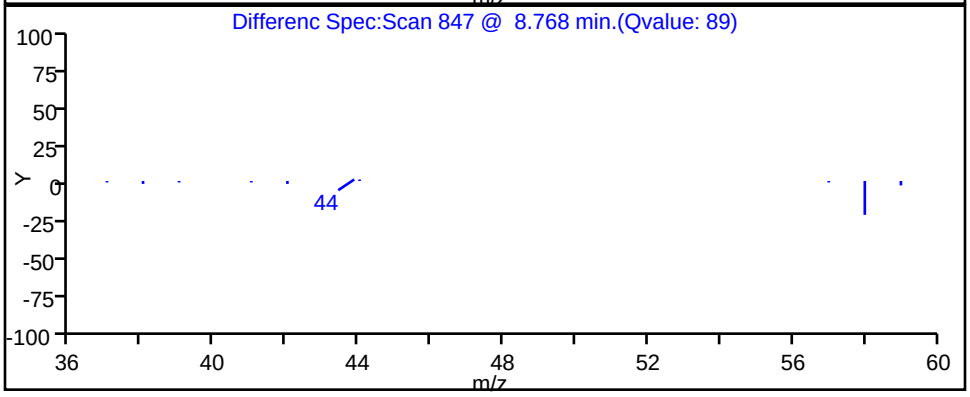












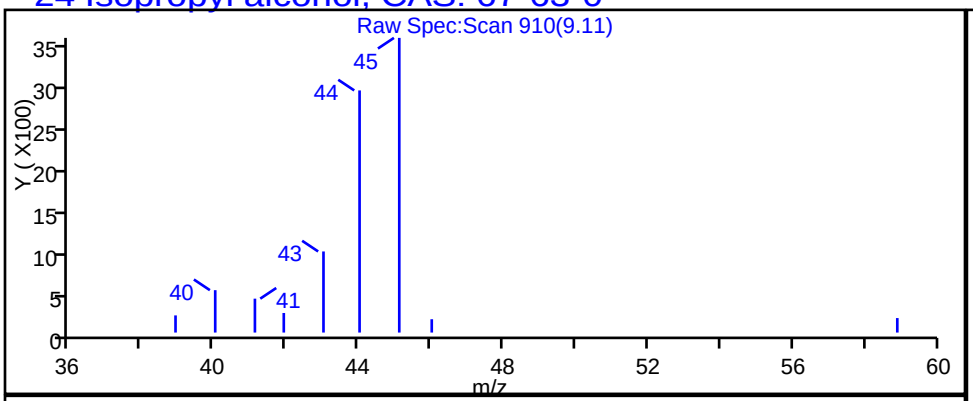
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

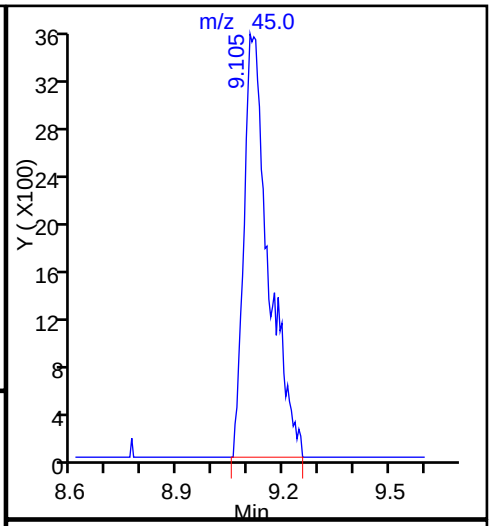
TestAmerica Burlington

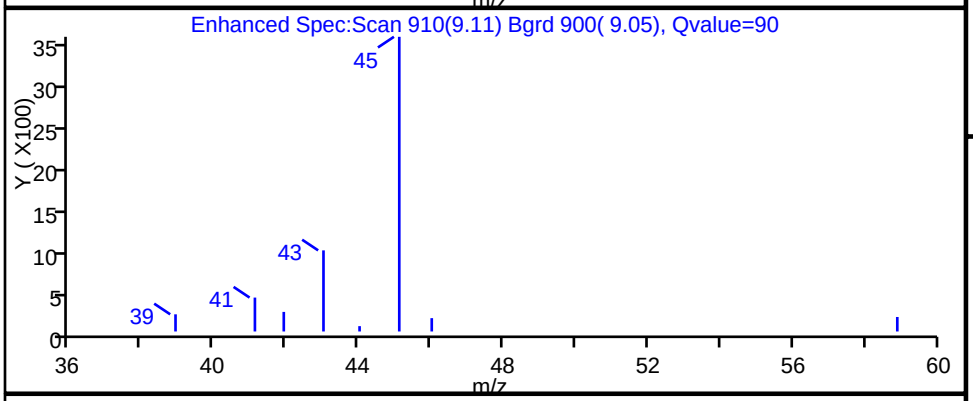
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

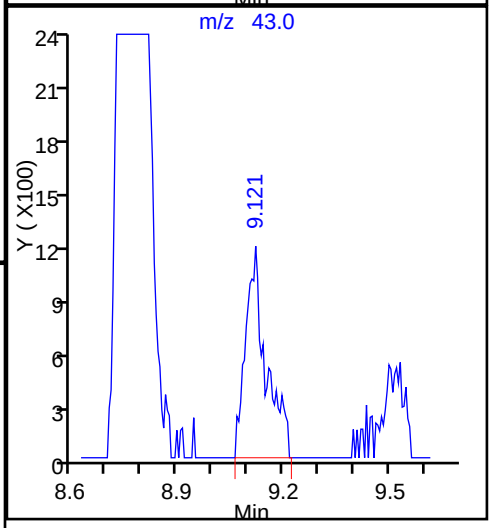
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

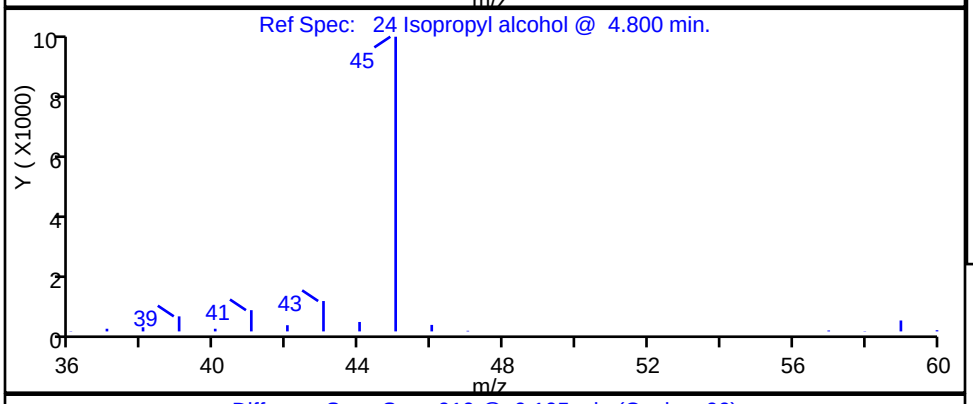
24 Isopropyl alcohol, CAS: 67-63-0

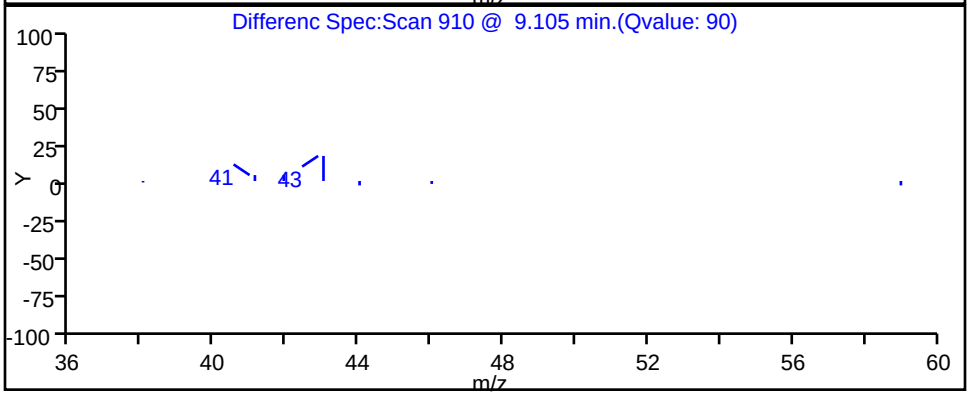












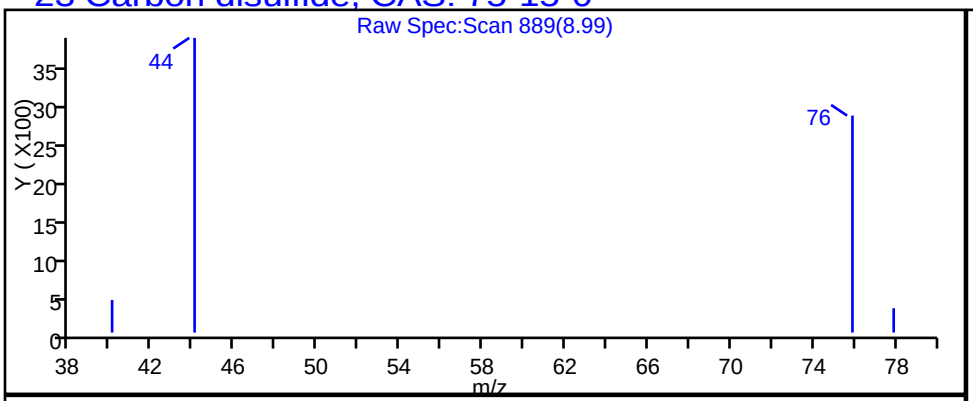
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

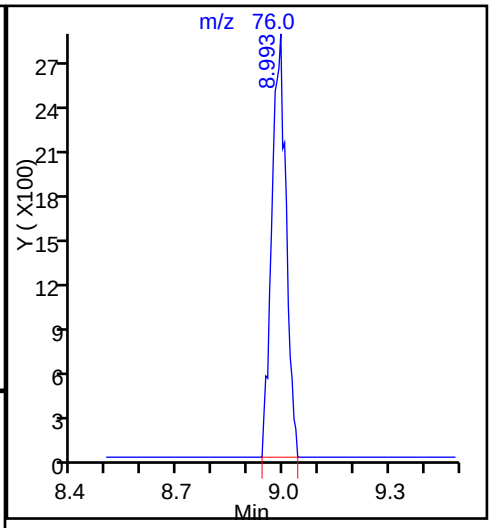
TestAmerica Burlington

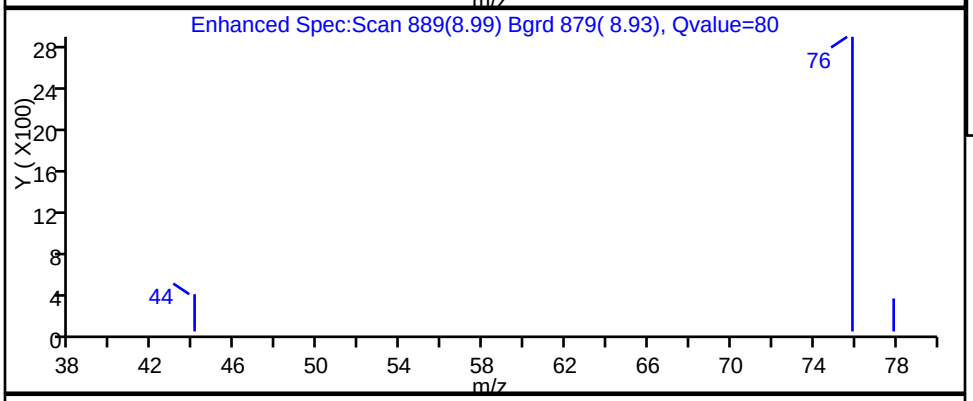
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

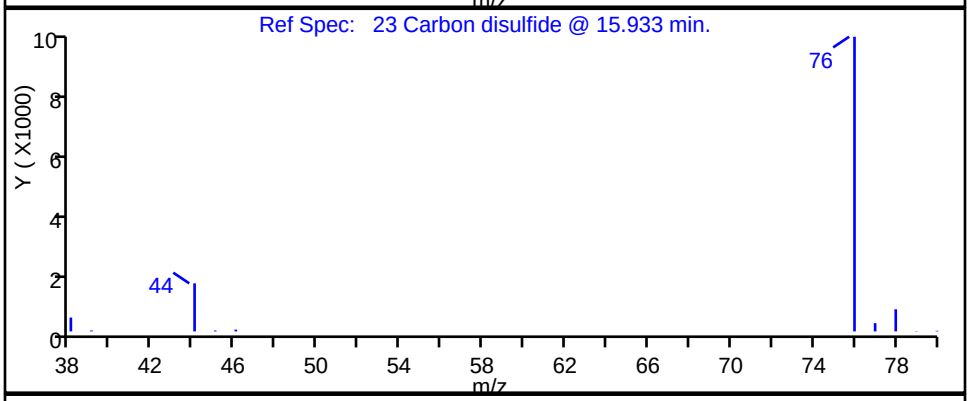
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

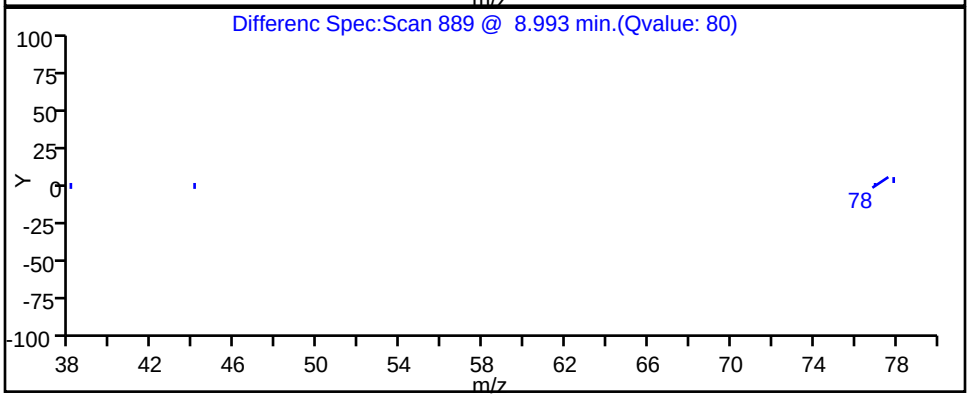
23 Carbon disulfide, CAS: 75-15-0











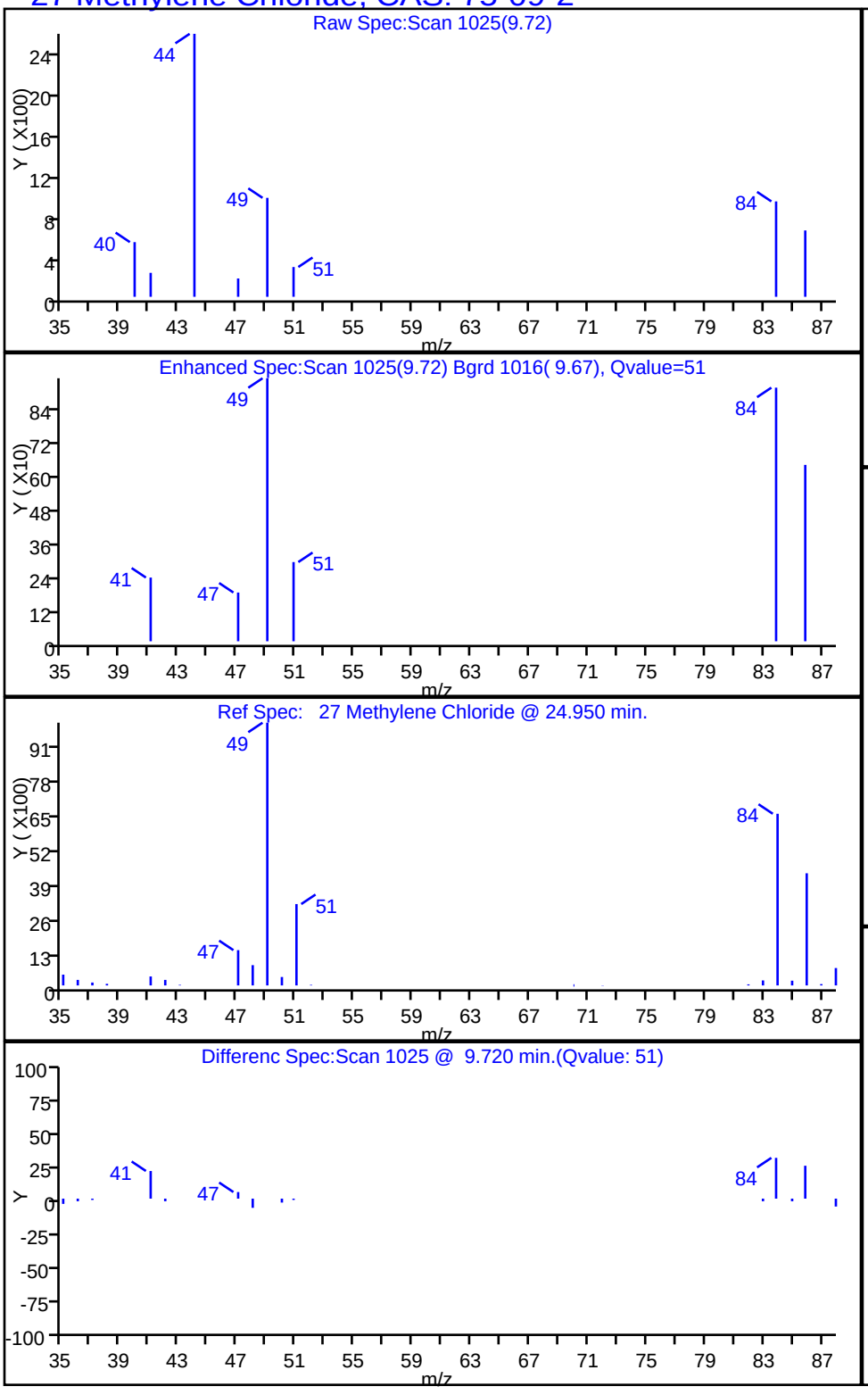
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

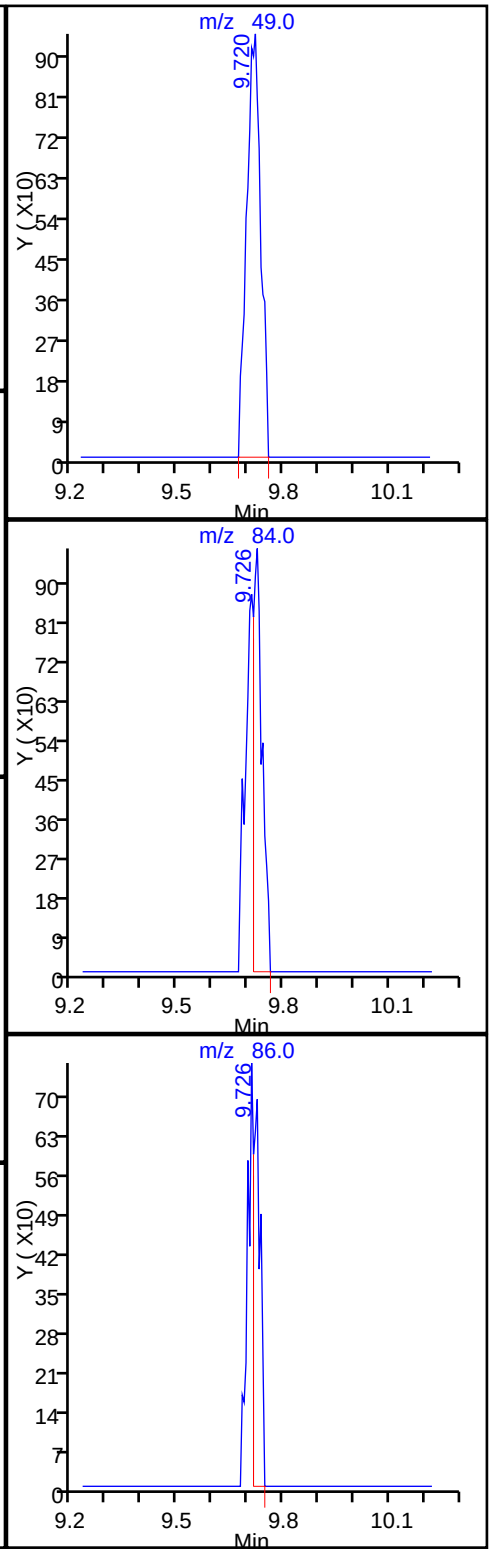
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2





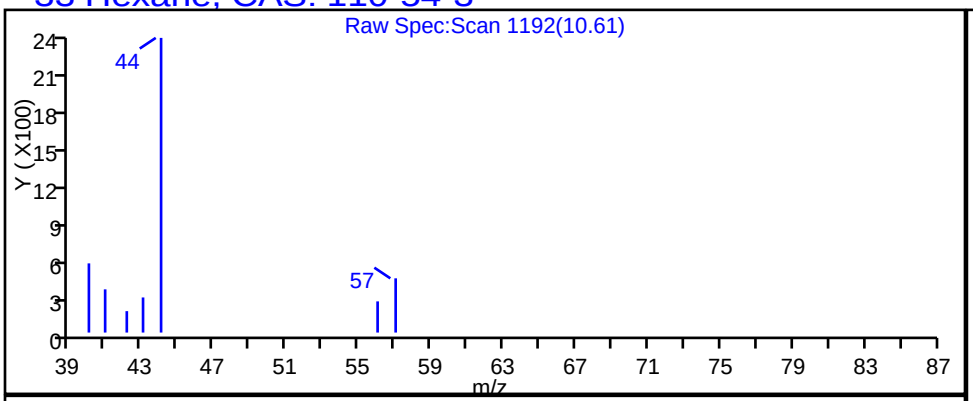
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

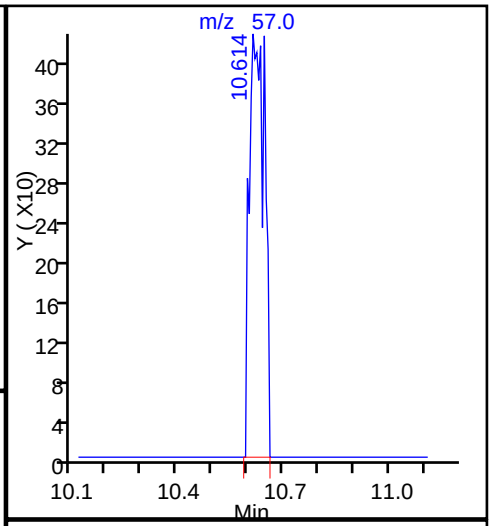
TestAmerica Burlington

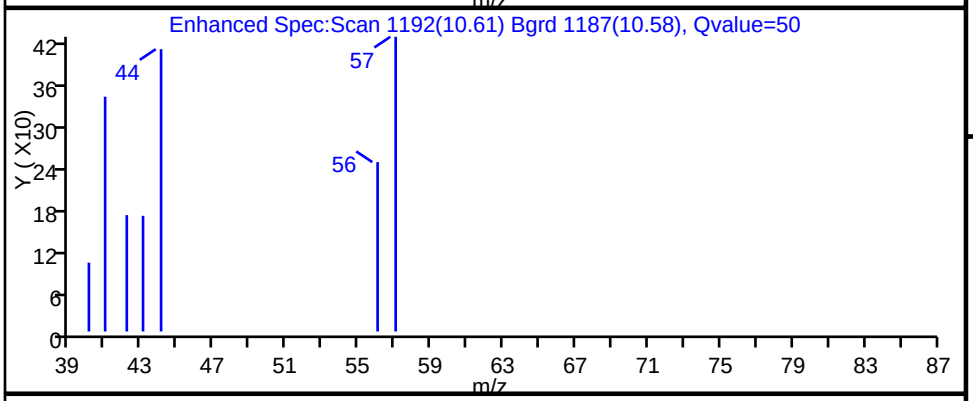
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

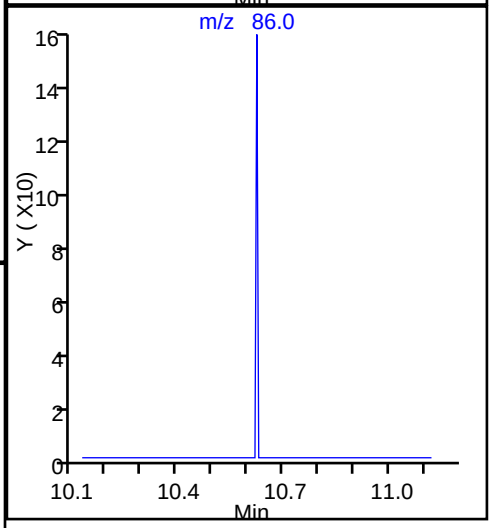
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

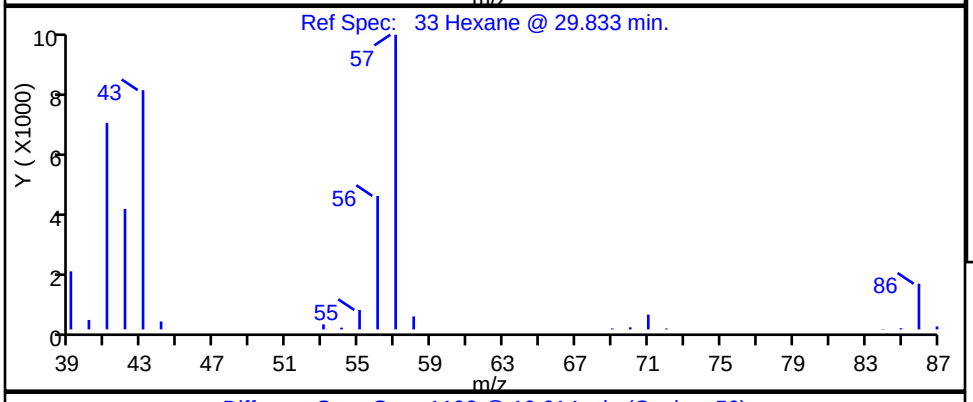
33 Hexane, CAS: 110-54-3

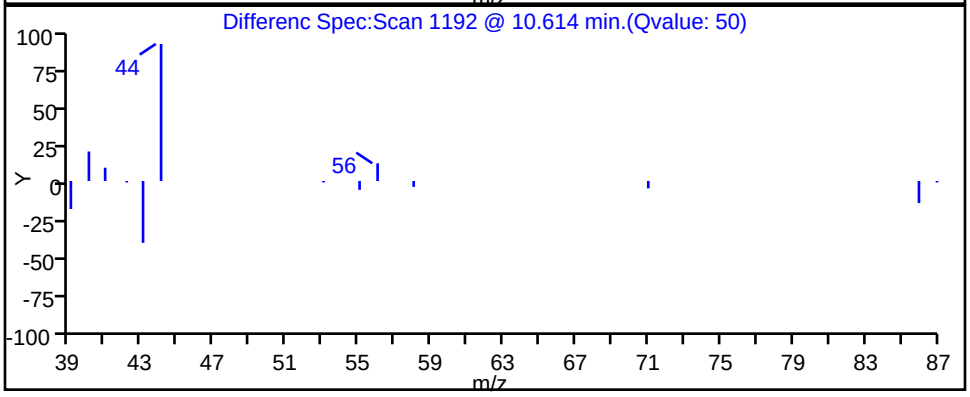










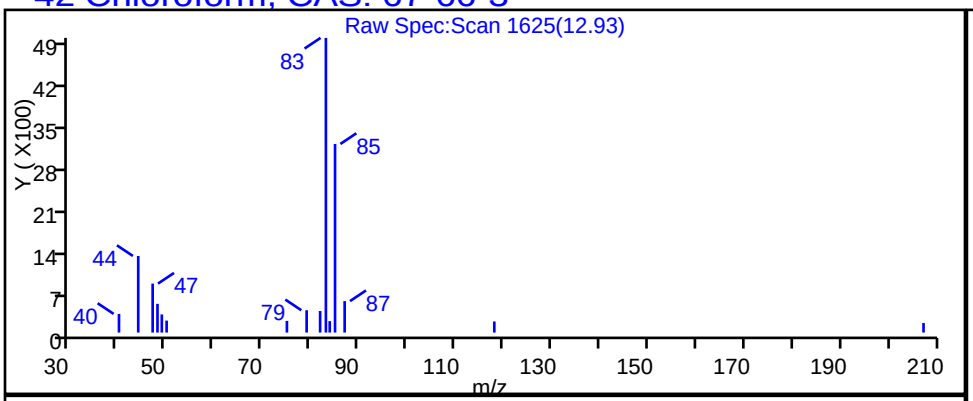


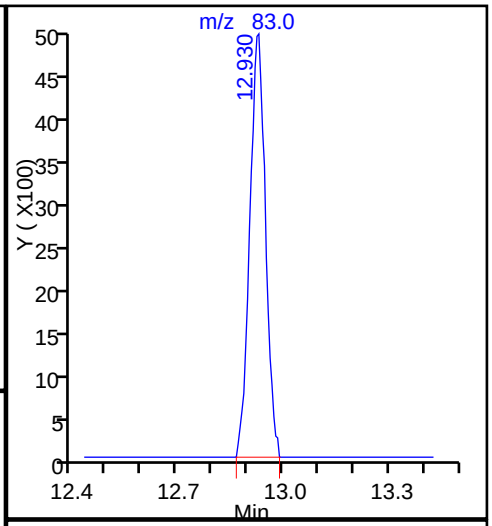
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

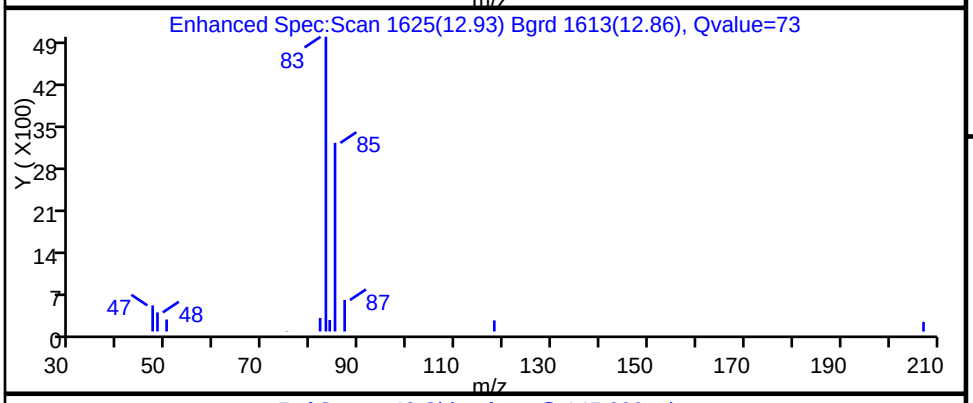
TestAmerica Burlington

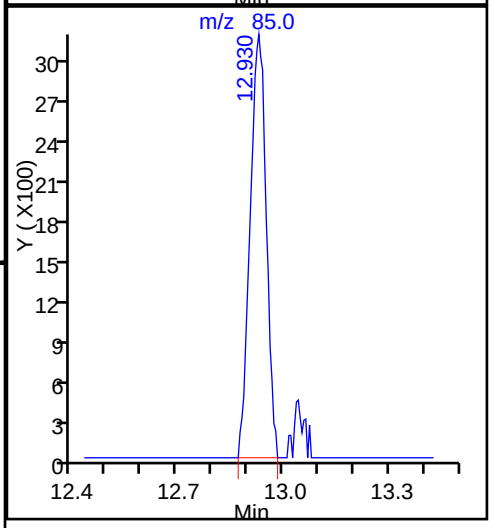
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d				
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

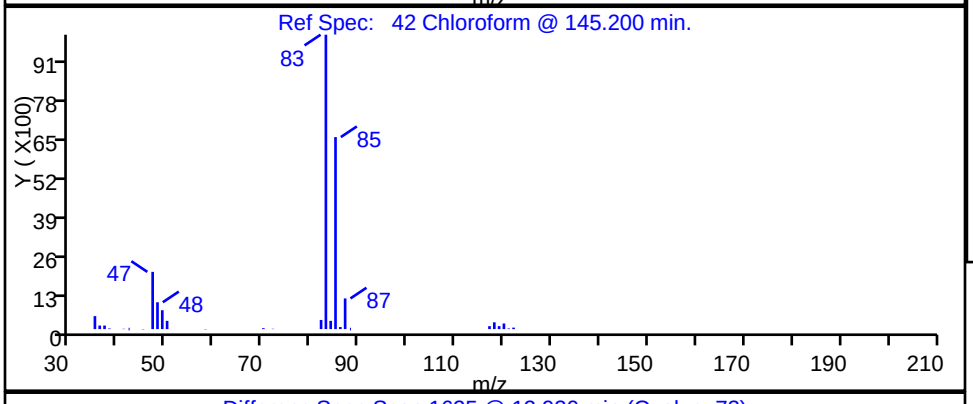
42 Chloroform, CAS: 67-66-3

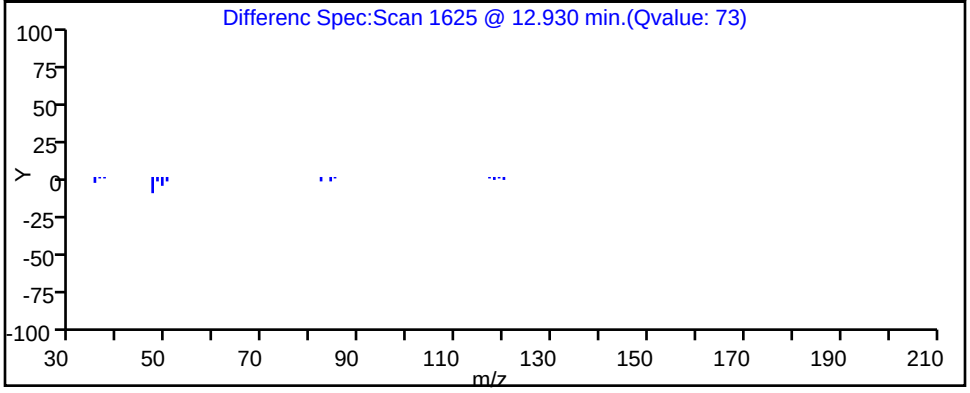










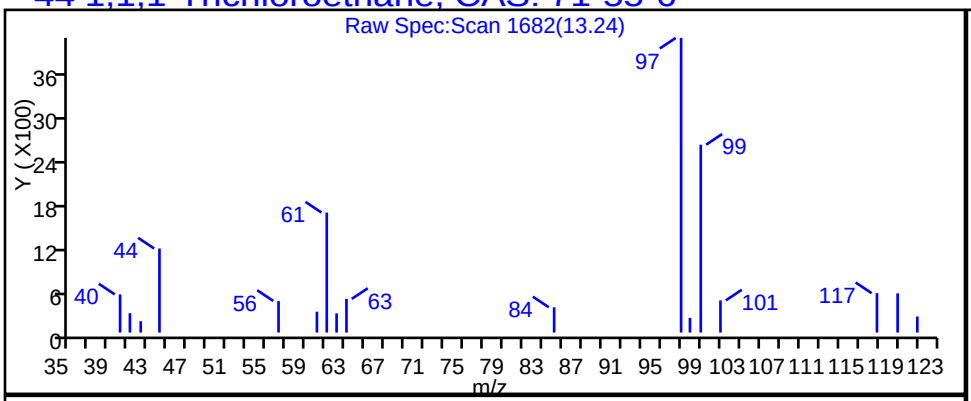


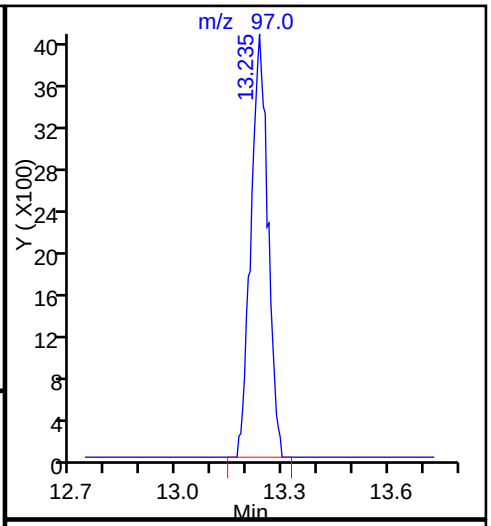
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

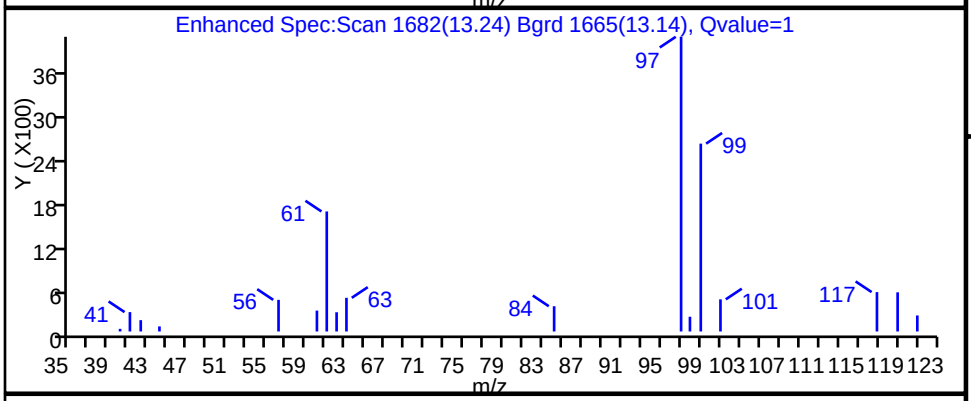
TestAmerica Burlington

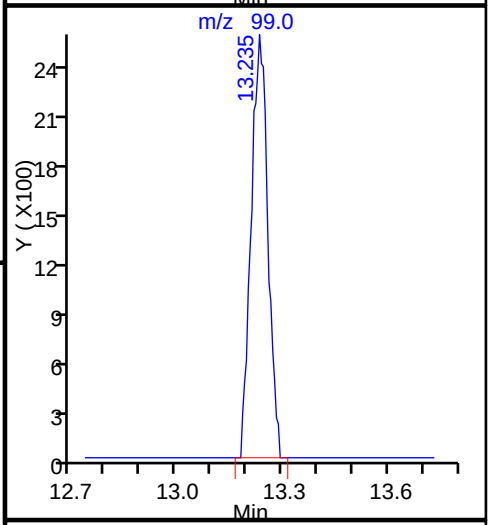
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d				
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

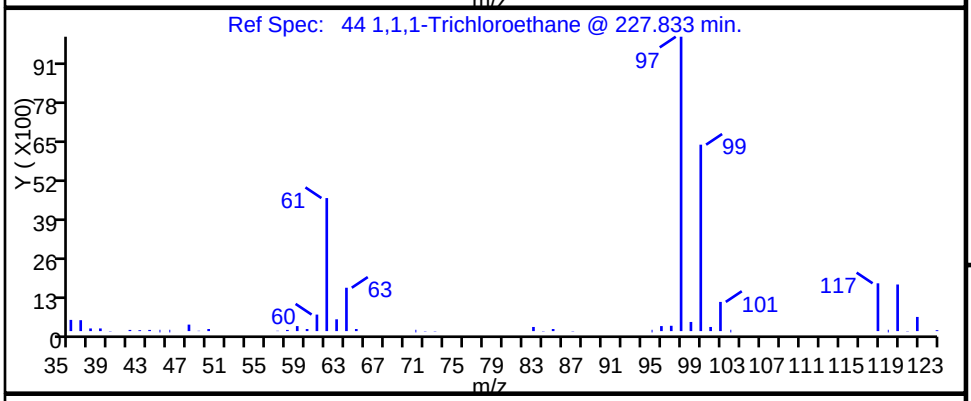
44 1,1,1-Trichloroethane, CAS: 71-55-6

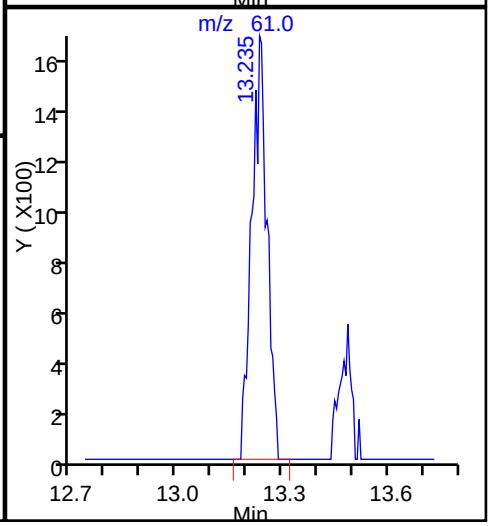


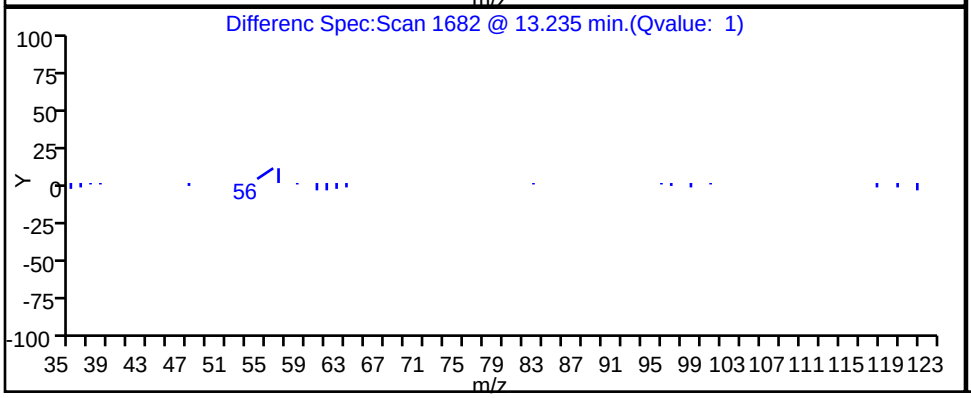










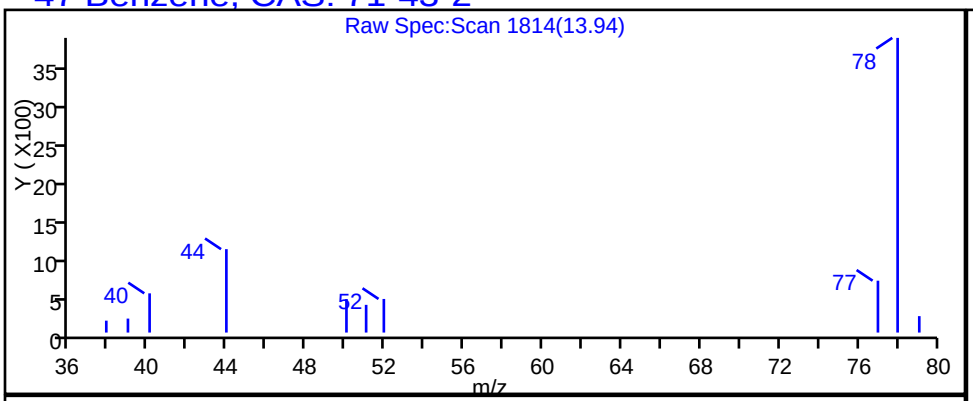


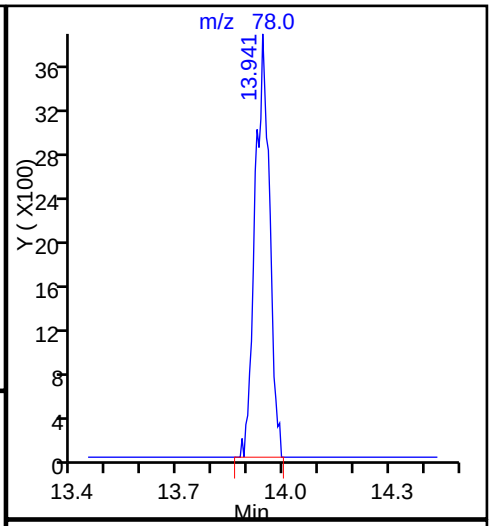
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

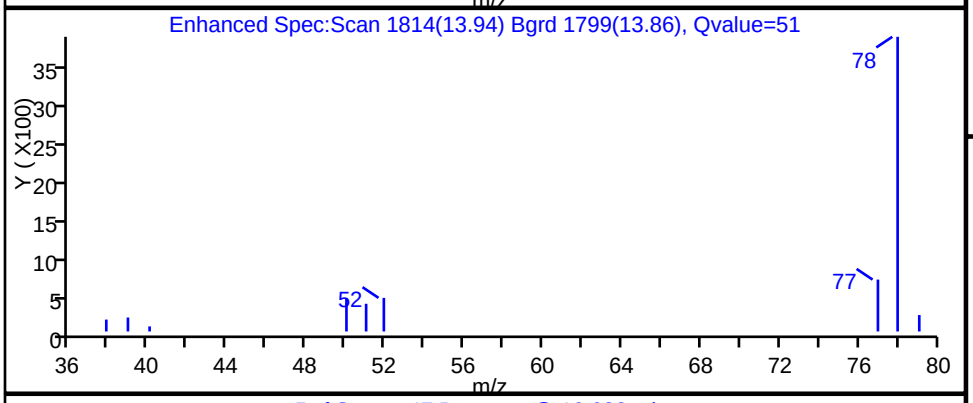
TestAmerica Burlington

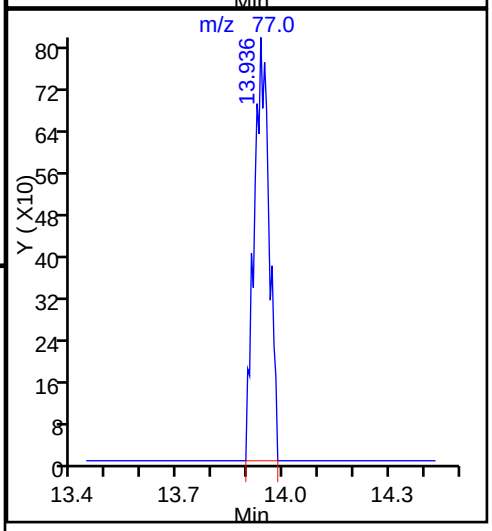
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d				
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

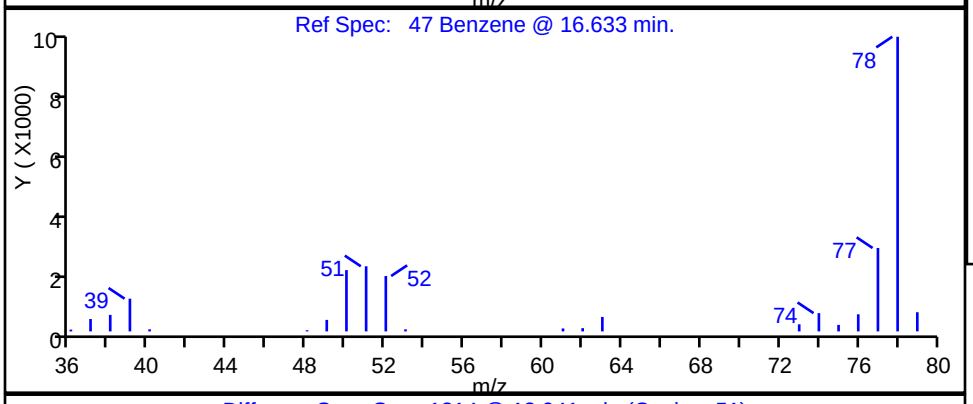
47 Benzene, CAS: 71-43-2

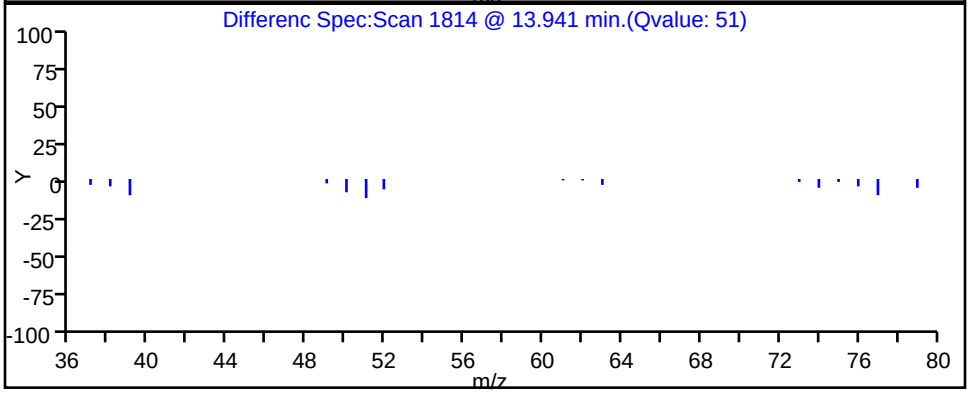












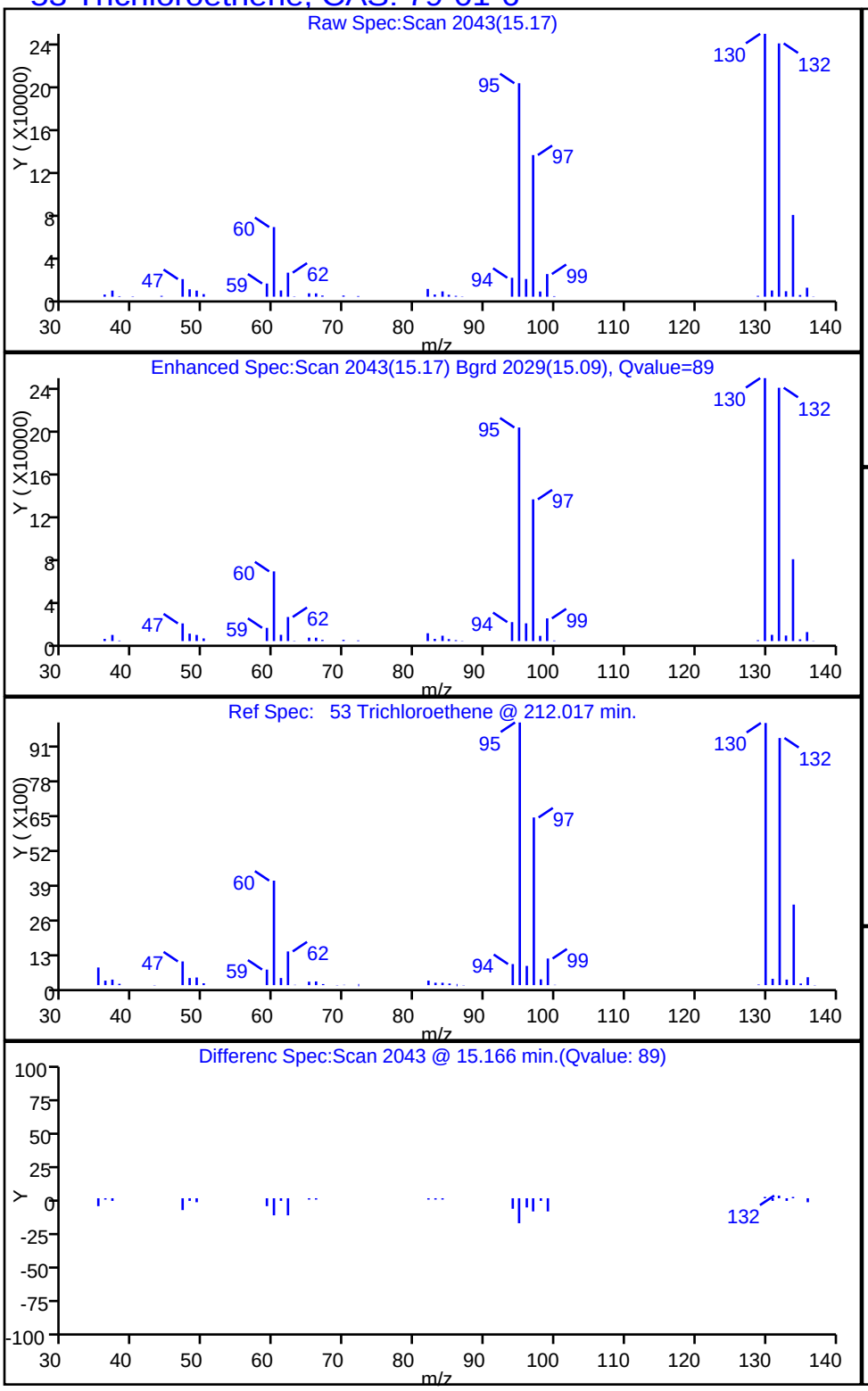
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

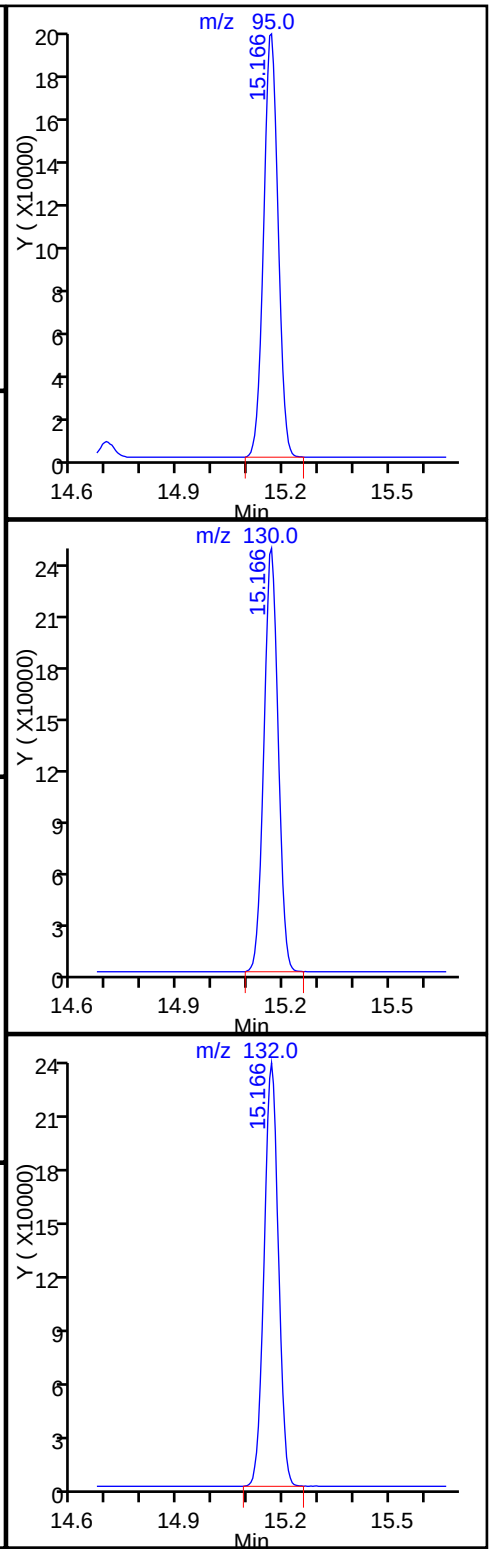
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 Trichloroethene, CAS: 79-01-6





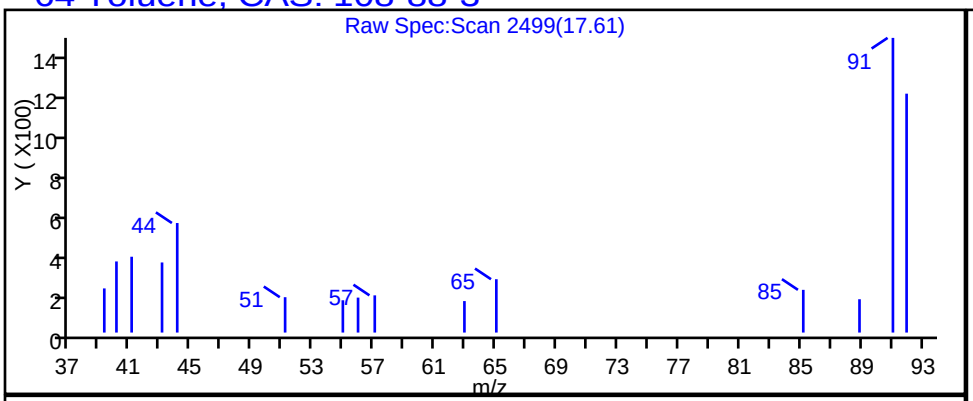
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

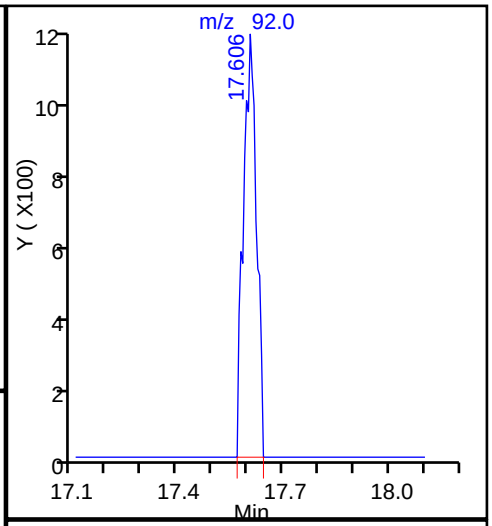
TestAmerica Burlington

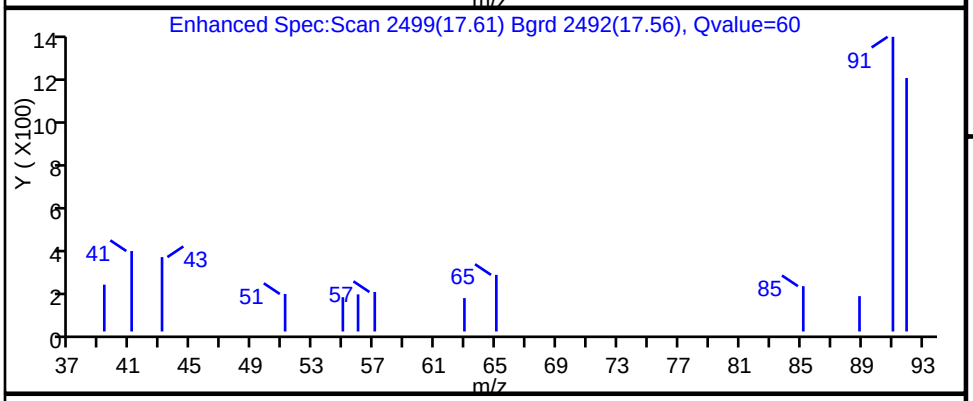
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

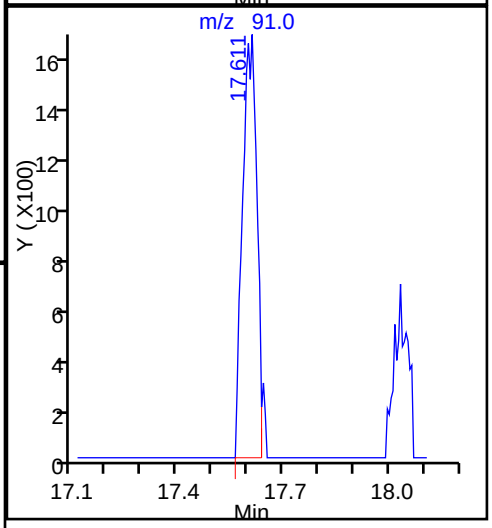
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

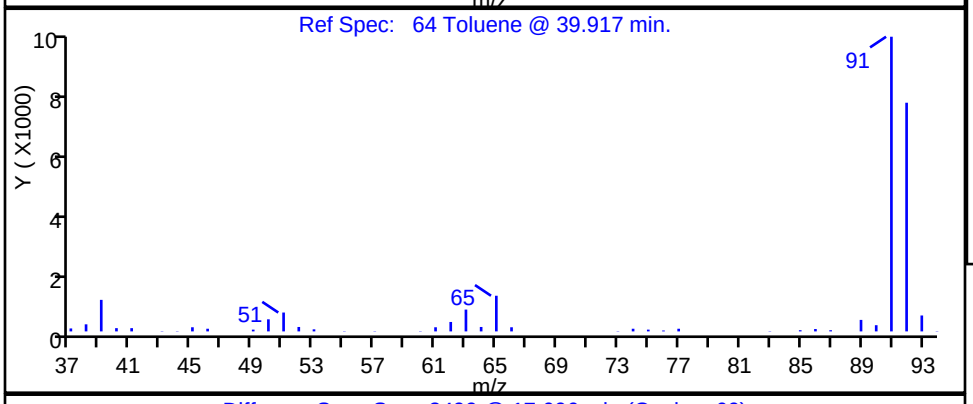
64 Toluene, CAS: 108-88-3

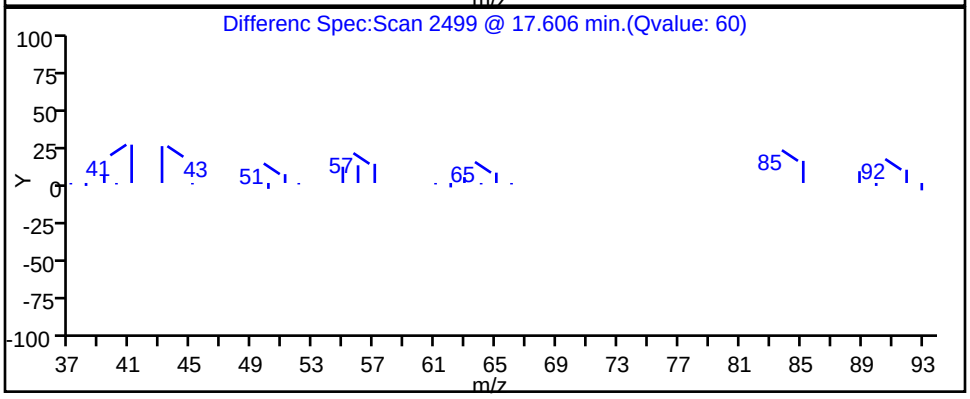












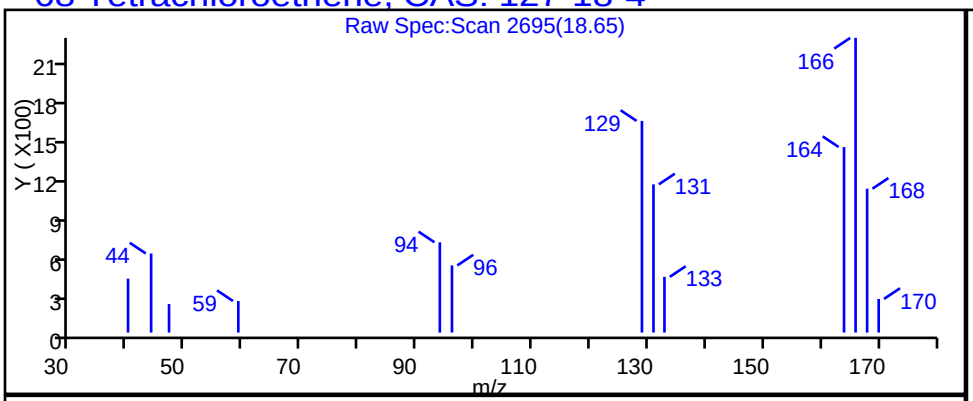
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

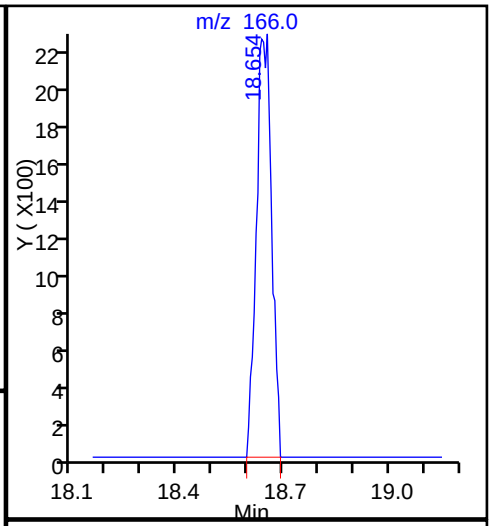
TestAmerica Burlington

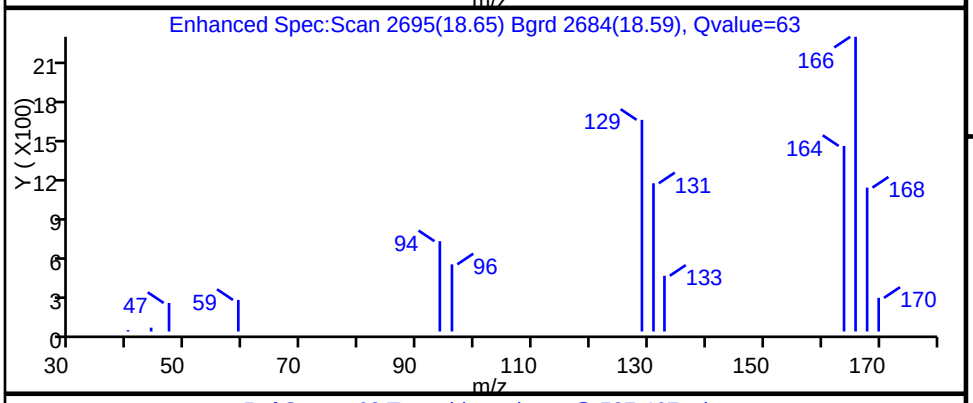
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

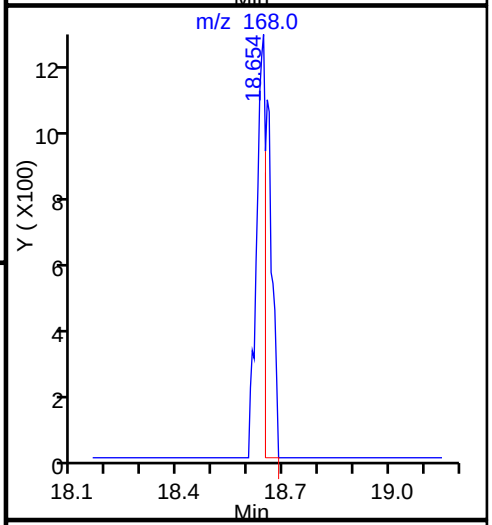
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

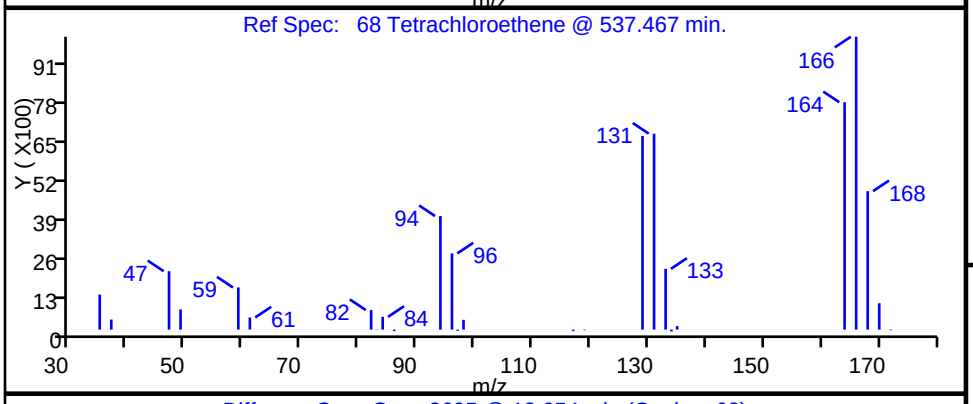
68 Tetrachloroethene, CAS: 127-18-4

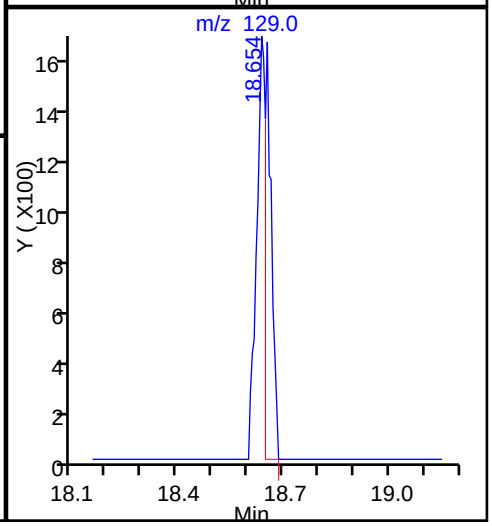


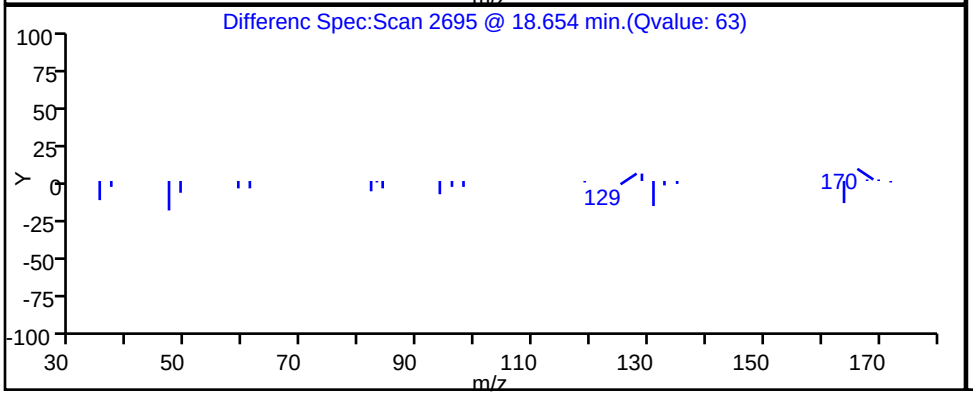












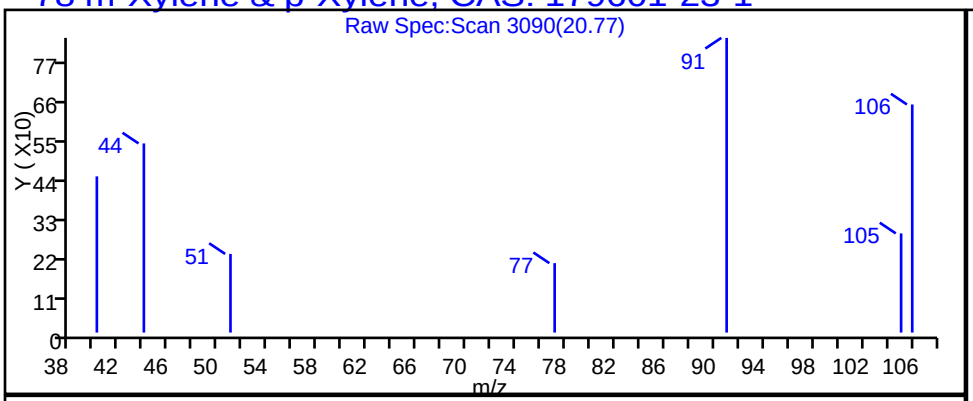
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

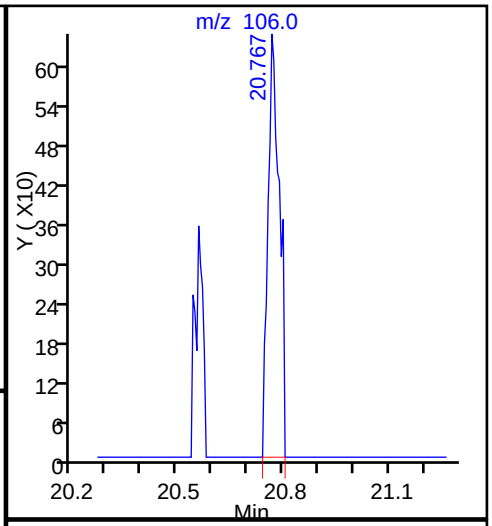
TestAmerica Burlington

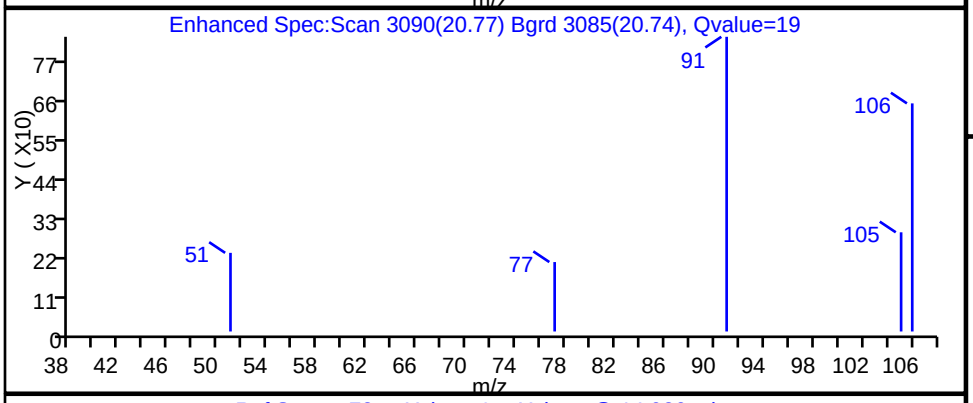
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

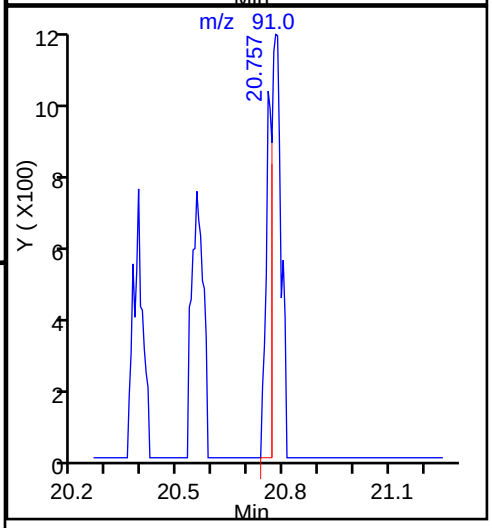
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

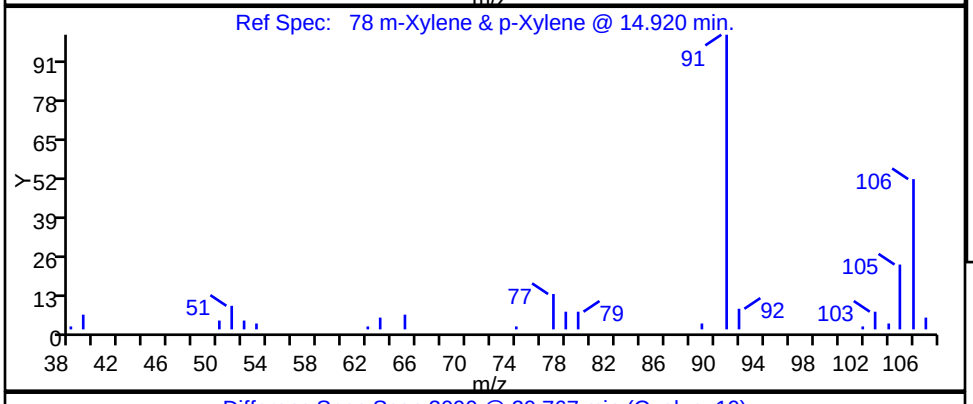
78 m-Xylene & p-Xylene, CAS: 179601-23-1

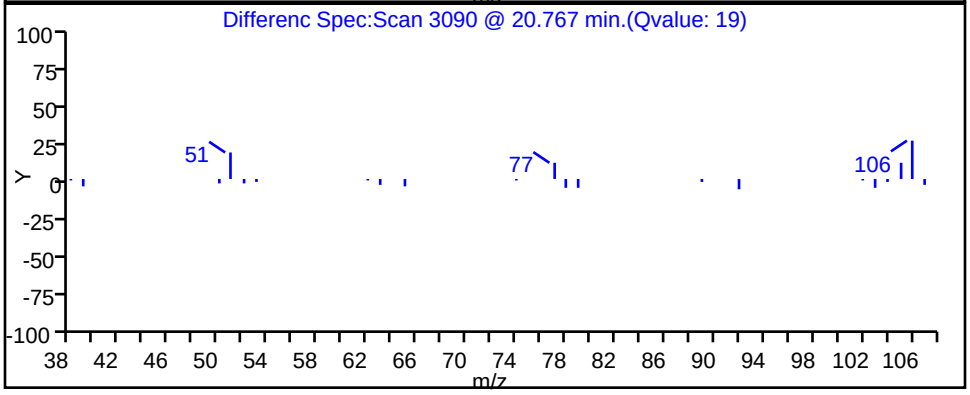












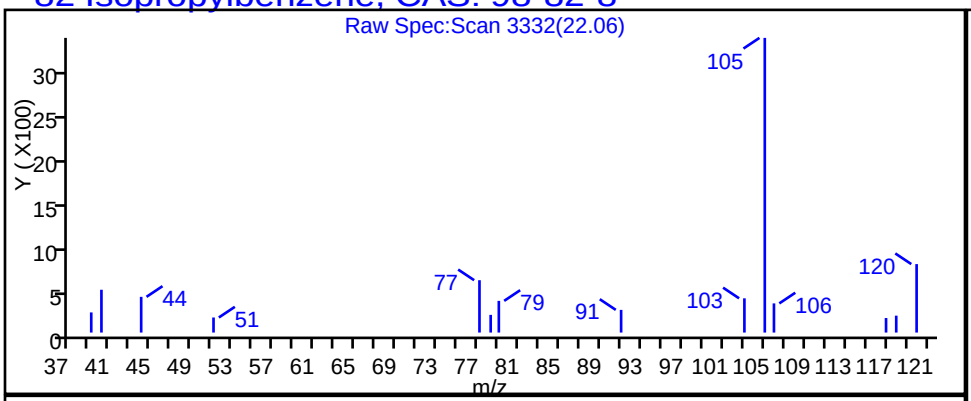
Report Date: 30-Jan-2015 09:12:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

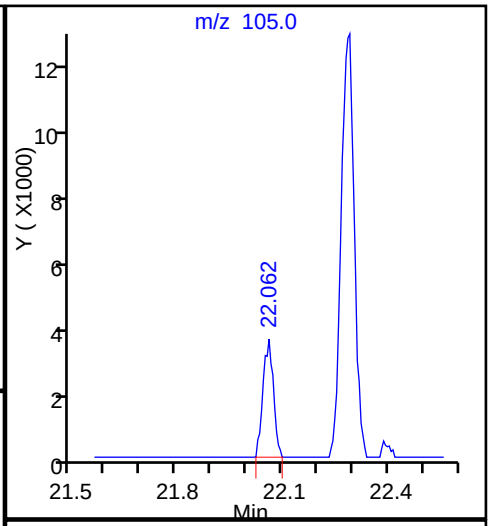
TestAmerica Burlington

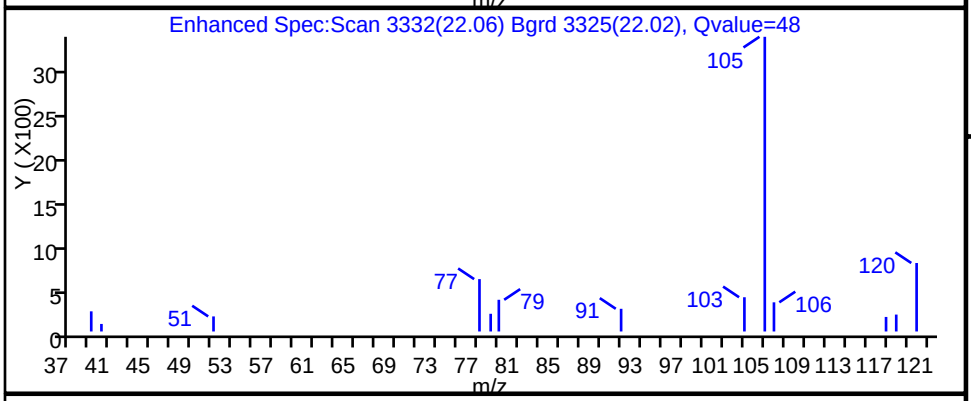
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d

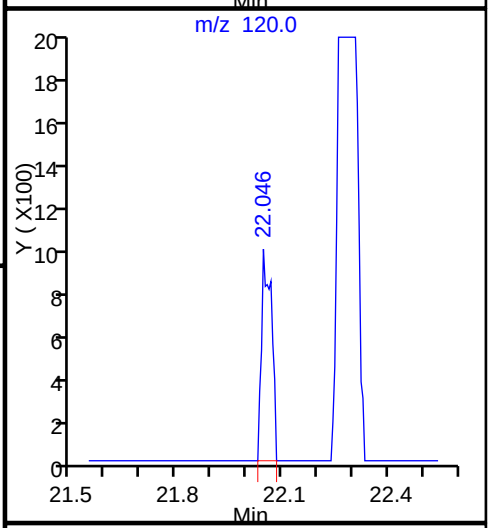
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

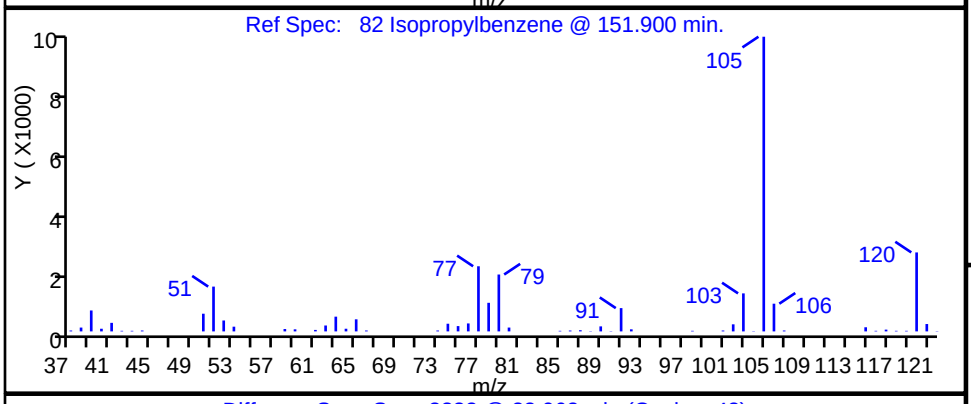
82 Isopropylbenzene, CAS: 98-82-8

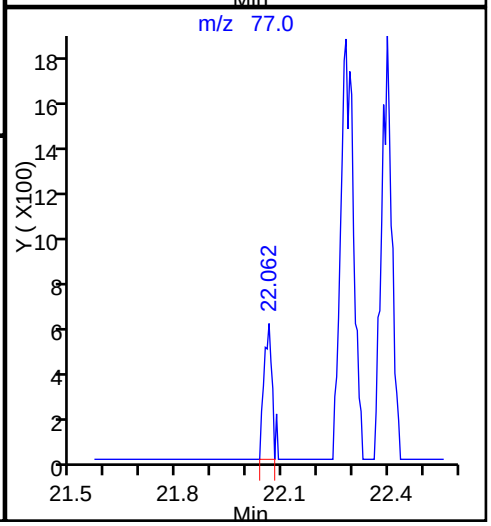


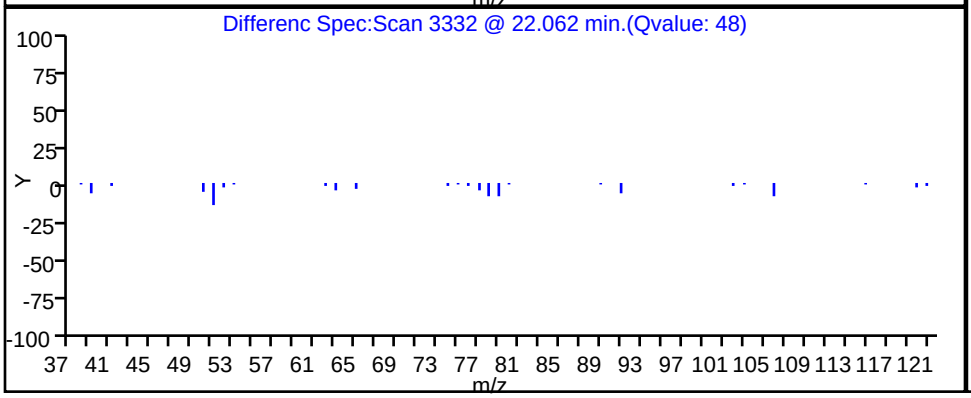












Manual Integration/User Assign Peak Report

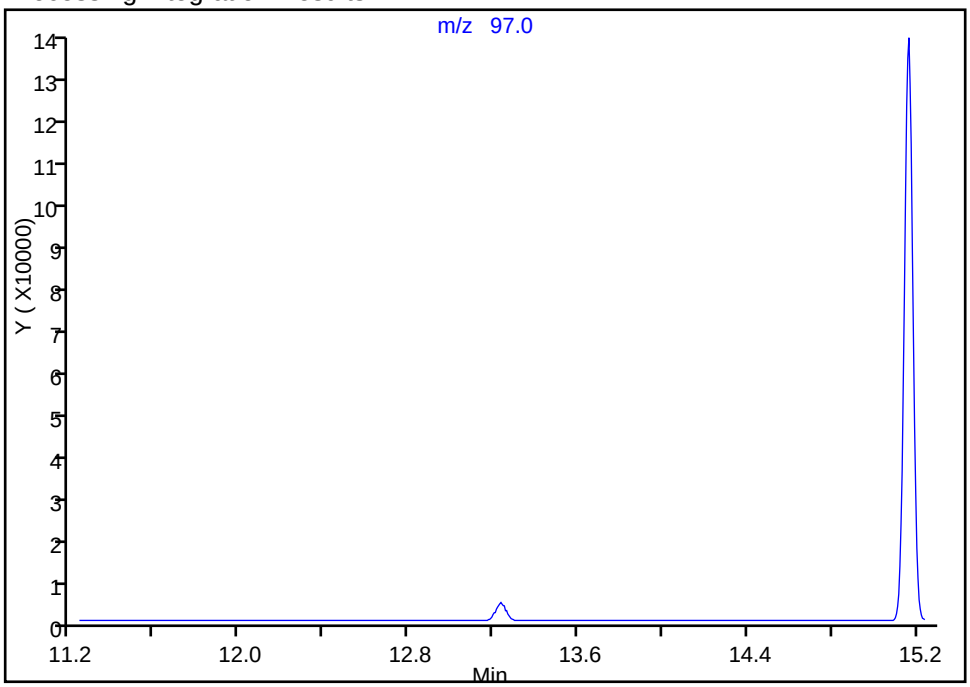
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d				
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 1,1,1-Trichloroethane, CAS: 71-55-6

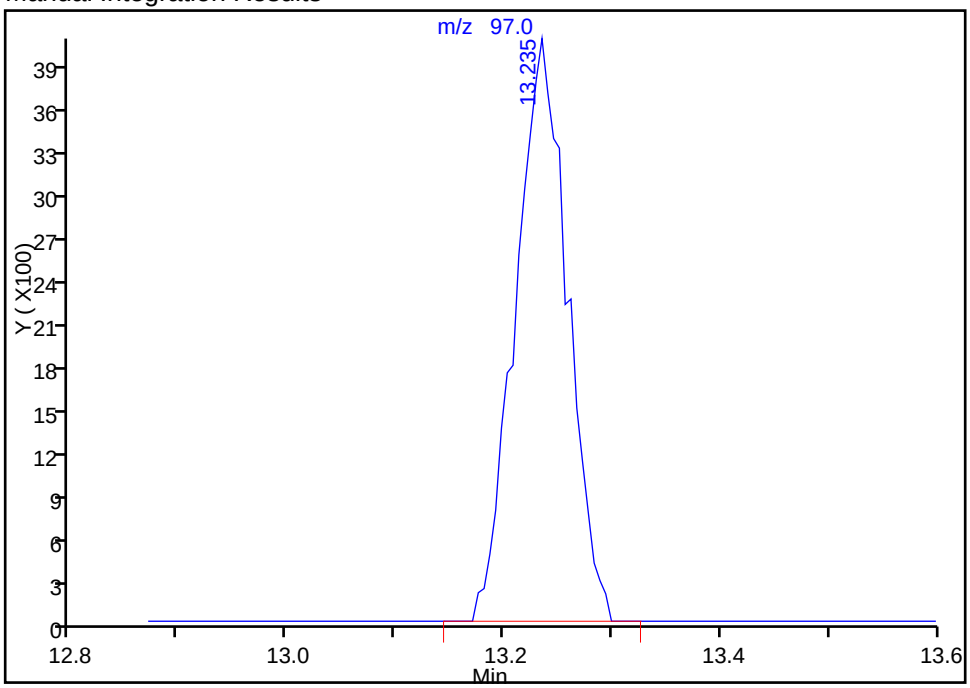
Not Detected
Expected RT: 13.24

Processing Integration Results



Manual Integration Results

RT: 13.24
Area: 13600
Amount: 0.325216
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:43:22
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

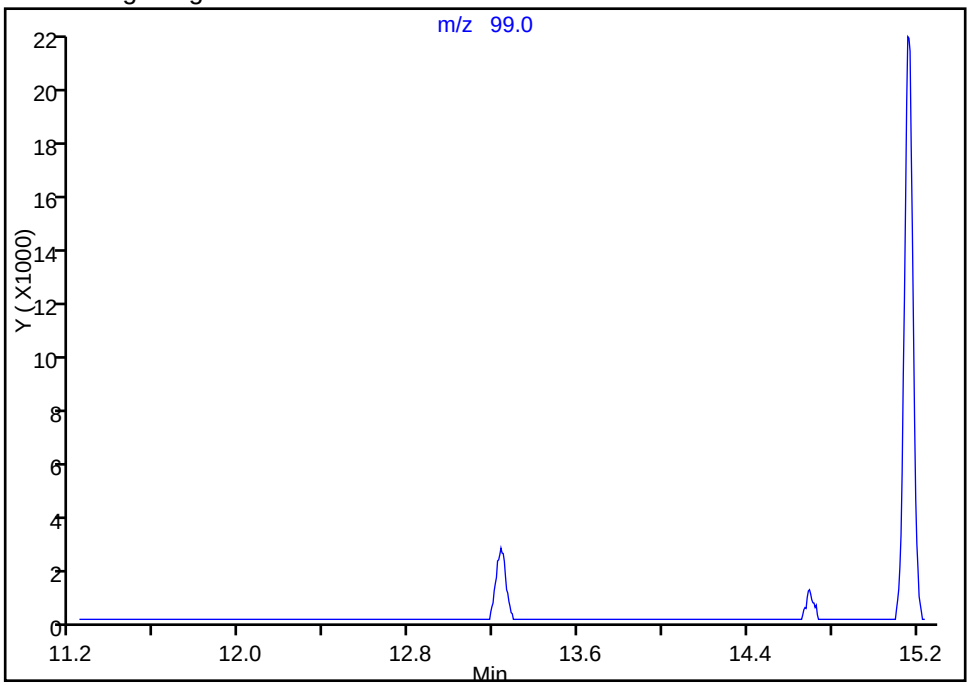
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d				
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 1,1,1-Trichloroethane, CAS: 71-55-6

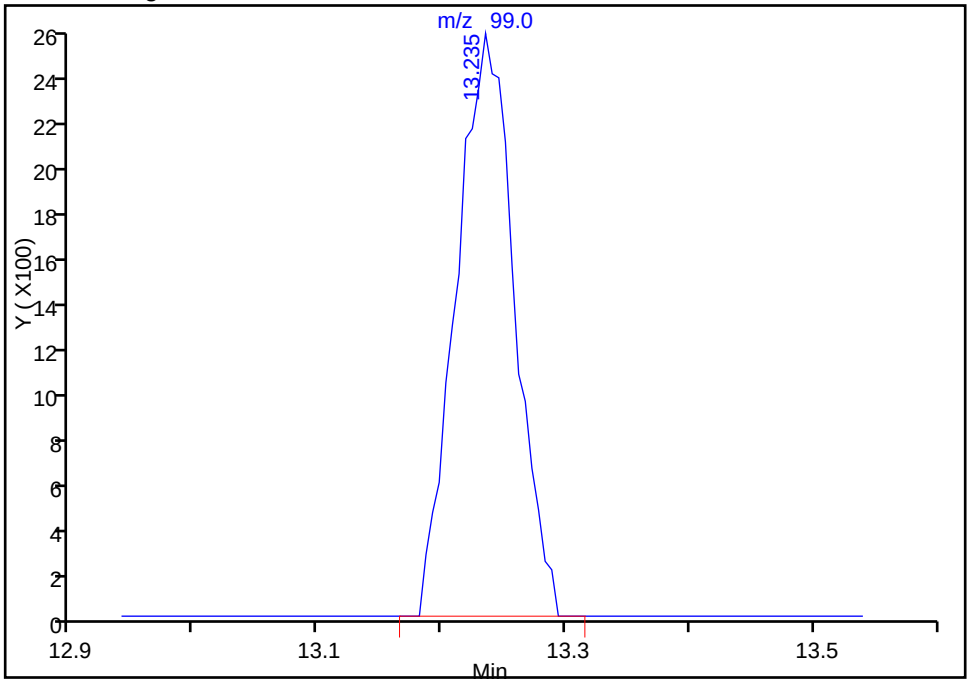
Not Detected
Expected RT: 13.24

Processing Integration Results



Manual Integration Results

RT: 13.24
Area: 8506
Amount: 0.325216
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:43:22
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

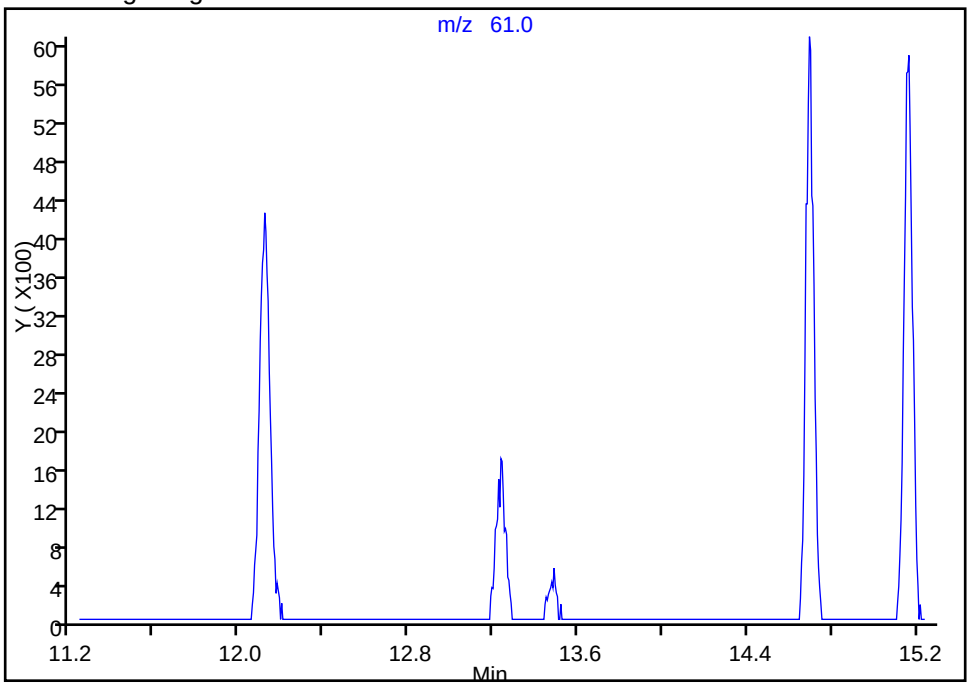
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d				
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 1,1,1-Trichloroethane, CAS: 71-55-6

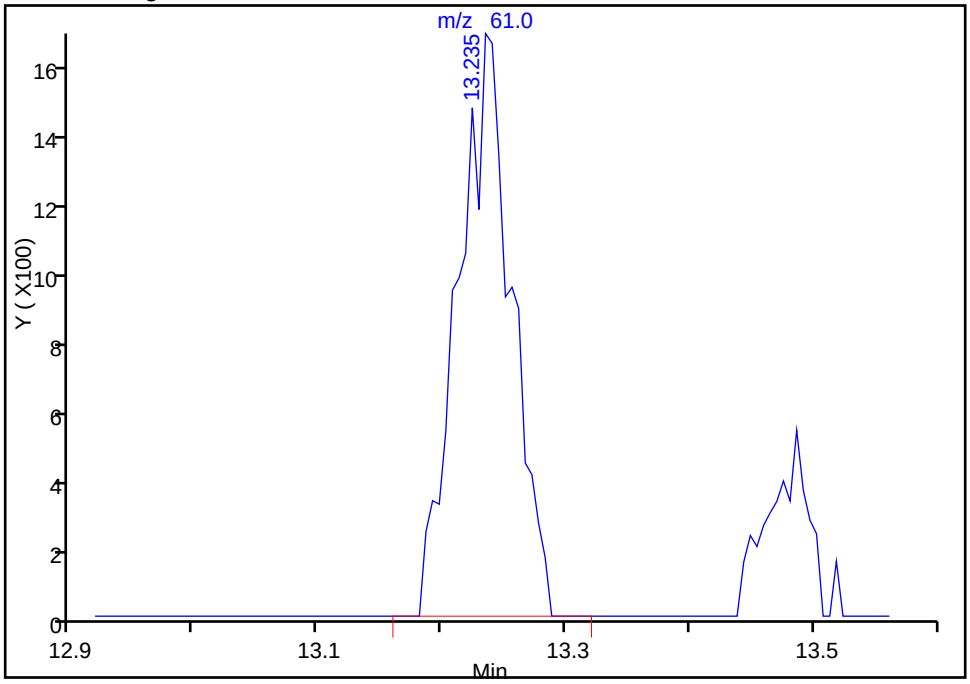
Not Detected
Expected RT: 13.24

Processing Integration Results



Manual Integration Results

RT: 13.24
Area: 4977
Amount: 0.325216
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:43:22
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

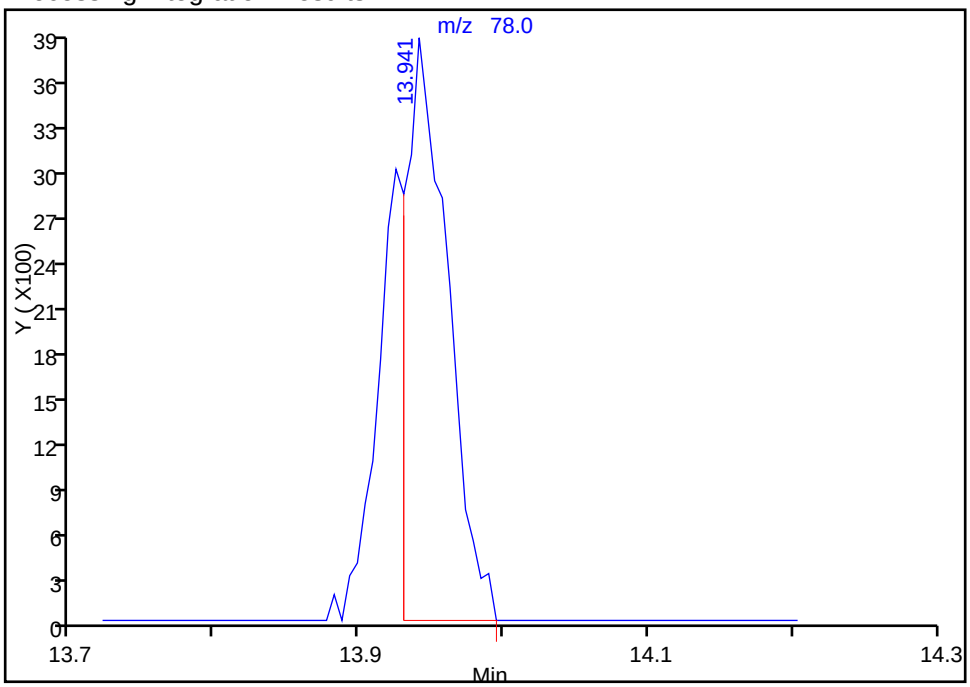
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_005.d				
Injection Date:	29-Jan-2015 13:59:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-1	Lab Sample ID:	200-64806-1		
Client ID:	774776CA01LA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2

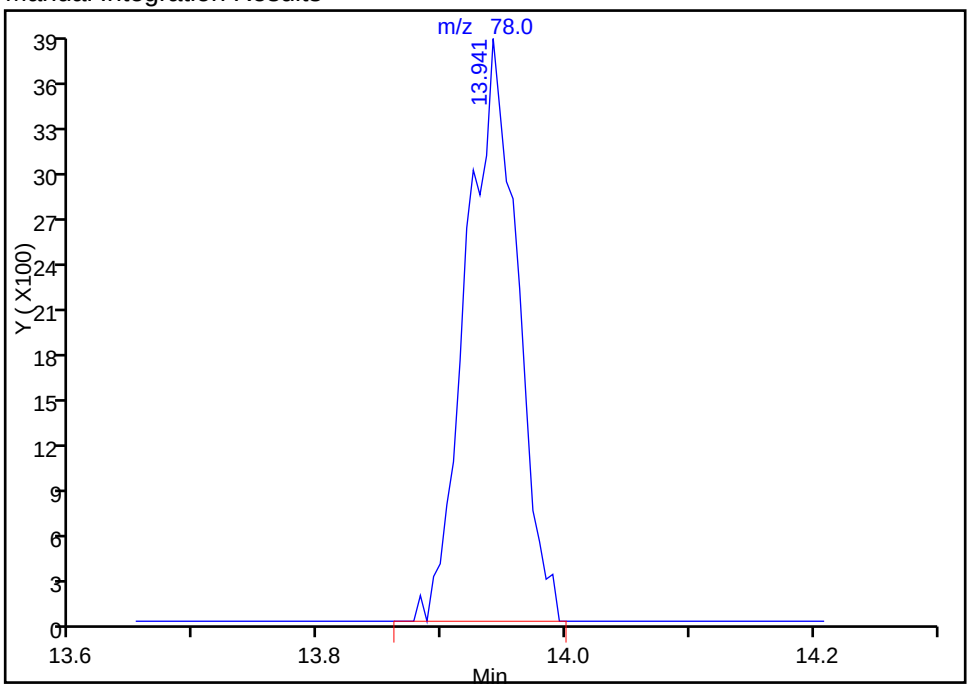
Processing Integration Results

RT: 13.94
Area: 7784
Amount: 0.116956
Amount Units: ppb v/v



Manual Integration Results

RT: 13.94
Area: 10978
Amount: 0.164946
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:43:22
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786CA01LA Lab Sample ID: 280-64806-2

Matrix: Air Lab File ID: 11878_006.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.61		0.50	0.056
75-45-6	Freon 22	86.47	0.30	J	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	1.5		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.045
76-13-1	Freon TF	187.38	0.086	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	5.9		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.61	J	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.55		0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	1.2		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.090	J M	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.090	J	0.20	0.053
67-66-3	Chloroform	119.38	0.14	J M	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.21	J	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.070	J M	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.072	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.84		0.20	0.023
71-43-2	Benzene	78.11	0.13	J	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786CA01LA Lab Sample ID: 280-64806-2

Matrix: Air Lab File ID: 11878_006.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	13		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.072	J	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.74		0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.043	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.093	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.031	J	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.12	J	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.050	J	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.13	J	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.021	J	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U M	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.047	J	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786CA01LA Lab Sample ID: 280-64806-2

Matrix: Air Lab File ID: 11878_006.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786CA01LA Lab Sample ID: 280-64806-2

Matrix: Air Lab File ID: 11878_006.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.0		2.5	0.28
75-45-6	Freon 22	86.47	1.0	J	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	3.6		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.25
76-13-1	Freon TF	187.38	0.66	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	14		12	1.6
67-63-0	Isopropyl alcohol	60.10	1.5	J	12	0.37
75-15-0	Carbon disulfide	76.14	1.7		1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	3.7		1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.36	J M	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.36	J	0.79	0.21
67-66-3	Chloroform	119.38	0.67	J M	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.62	J	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.24	J M	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.45	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	3.9		0.93	0.11
71-43-2	Benzene	78.11	0.42	J	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786CA01LA Lab Sample ID: 280-64806-2

Matrix: Air Lab File ID: 11878_006.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	72		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.27	J	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	5.0		1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.19	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.41	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	J	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.54	J	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.25	J	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.65	J	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.10	J	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U M	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.23	J	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786CA01LA Lab Sample ID: 280-64806-2

Matrix: Air Lab File ID: 11878_006.d

Analysis Method: TO-15 Date Collected: 01/20/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d
Lims ID: 280-64806-A-2 Lab Sample ID: 200-64806-2
Client ID: 785786CA01LA
Sample Type: Client
Inject. Date: 29-Jan-2015 14:49:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011878-006
Misc. Info.: 280-64806-a-2
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 09:12:03 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 30-Jan-2015 08:45:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.446	4.478	-0.032	87	31575	0.6122	
3 Chlorodifluoromethane	51	4.515	4.547	-0.032	40	7352	0.2953	
4 1,2-Dichloro-1,1,2,2-tetra	85		4.836				ND	
5 Chloromethane	50		5.023				ND	
6 Butane	43	5.253	5.291	-0.038	96	37883	1.53	
7 Vinyl chloride	62		5.344				ND	
8 Butadiene	54		5.446				ND	
9 Bromomethane	94		6.307				ND	
11 Chloroethane	64		6.596				ND	
13 Vinyl bromide	106		7.072				ND	
14 Trichlorofluoromethane	101	7.147	7.185	-0.038	80	12937	0.2595	
20 1,1,2-Trichloro-1,2,2-trif	101	8.399	8.431	-0.032	56	3676	0.0864	
21 1,1-Dichloroethene	96		8.501				ND	
22 Acetone	43	8.709	8.752	-0.043	90	129376	5.89	
23 Carbon disulfide	76	8.955	8.987	-0.032	96	28647	0.5511	
24 Isopropyl alcohol	45	9.030	9.078	-0.048	76	9915	0.6137	
25 3-Chloro-1-propene	41		9.383				ND	
27 Methylene Chloride	49		9.715				ND	
28 2-Methyl-2-propanol	59		9.950				ND	
29 Methyl tert-butyl ether	73		10.164				ND	
S 30 1,2-Dichloroethene, Total	61				0		0.0900	
31 trans-1,2-Dichloroethene	61		10.207				ND	
33 Hexane	57		10.624				ND	
34 1,1-Dichloroethane	63		11.170				ND	
37 cis-1,2-Dichloroethene	96	12.315	12.342	-0.027	48	2134	0.0900	M
38 2-Butanone (MEK)	72	12.342	12.363	-0.021	96	13570	1.24	
* 40 Chlorobromomethane	128	12.796	12.823	-0.027	74	186376	10.0	
41 Tetrahydrofuran	42	12.829	12.839	-0.010	71	3499	0.2103	
42 Chloroform	83	12.914	12.936	-0.022	56	5208	0.1368	M
43 Cyclohexane	84	13.219	13.230	-0.011	59	2095	0.0704	M
44 1,1,1-Trichloroethane	97		13.240				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Carbon tetrachloride	117	13.476	13.497	-0.021	46	3098	0.0718	
46 Isooctane	57	13.866	13.888	-0.022	96	70528	0.8364	
47 Benzene	78	13.925	13.947	-0.022	49	8577	0.1314	
48 1,2-Dichloroethane	62		14.107				ND	
49 n-Heptane	43		14.241				ND	
* 50 1,4-Difluorobenzene	114	14.680	14.701	-0.021	92	872067	10.0	
53 Trichloroethene	95	15.150	15.172	-0.022	89	398787	13.5	
54 1,2-Dichloropropane	63		15.685				ND	
55 Methyl methacrylate	69		15.771				ND	
56 1,4-Dioxane	88		15.872				ND	
58 Dichlorobromomethane	83		16.177				ND	
60 cis-1,3-Dichloropropene	75		17.039				ND	
61 4-Methyl-2-pentanone (MIBK	43		17.274				ND	
64 Toluene	92	17.595	17.606	-0.011	66	3830	0.0718	
66 trans-1,3-Dichloropropene	75		18.141				ND	
67 1,1,2-Trichloroethane	83		18.505				ND	
68 Tetrachloroethene	166	18.638	18.649	-0.011	90	41188	0.7411	
69 2-Hexanone	43		18.900				ND	
71 Chlorodibromomethane	129		19.264				ND	
72 Ethylene Dibromide	107		19.548				ND	
S 73 Xylenes, Total	106				0		0.1242	
* 74 Chlorobenzene-d5	117	20.382	20.393	-0.011	80	827336	10.0	
75 Chlorobenzene	112		20.446				ND	
76 Ethylbenzene	91	20.554	20.559	-0.005	37	4722	0.0426	
78 m-Xylene & p-Xylene	106	20.773	20.778	-0.005	77	4679	0.0934	
79 o-Xylene	106	21.490	21.495	-0.005	15	1500	0.0308	
80 Styrene	104		21.532				ND	
81 Bromoform	173		21.918				ND	
82 Isopropylbenzene	105	22.051	22.062	-0.011	41	6694	0.0503	
$ 83 4-Bromofluorobenzene	95	22.394	22.399	-0.005	98	549691	NC	
84 1,1,2,2-Tetrachloroethane	83		22.624				ND	
85 N-Propylbenzene	91	22.688	22.699	-0.011	93	20016	0.1315	
88 4-Ethyltoluene	105	22.859	22.865	-0.006	24	2838	0.0208	
89 2-Chlorotoluene	91		22.902				ND	
90 1,3,5-Trimethylbenzene	105	22.956	22.956	0.000	12	1692	0.0151	M
92 tert-Butylbenzene	119		23.432				ND	
93 1,2,4-Trimethylbenzene	105	23.517	23.523	-0.006	55	5213	0.0467	
94 sec-Butylbenzene	105		23.758				ND	
95 4-Isopropyltoluene	119		23.961				ND	
96 1,3-Dichlorobenzene	146		24.036				ND	
97 1,4-Dichlorobenzene	146		24.181				ND	
98 Benzyl chloride	91		24.384				ND	
100 n-Butylbenzene	91		24.598				ND	
101 1,2-Dichlorobenzene	146		24.785				ND	
103 1,2,4-Trichlorobenzene	180		27.663				ND	
104 Hexachlorobutadiene	225		27.861				ND	
105 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

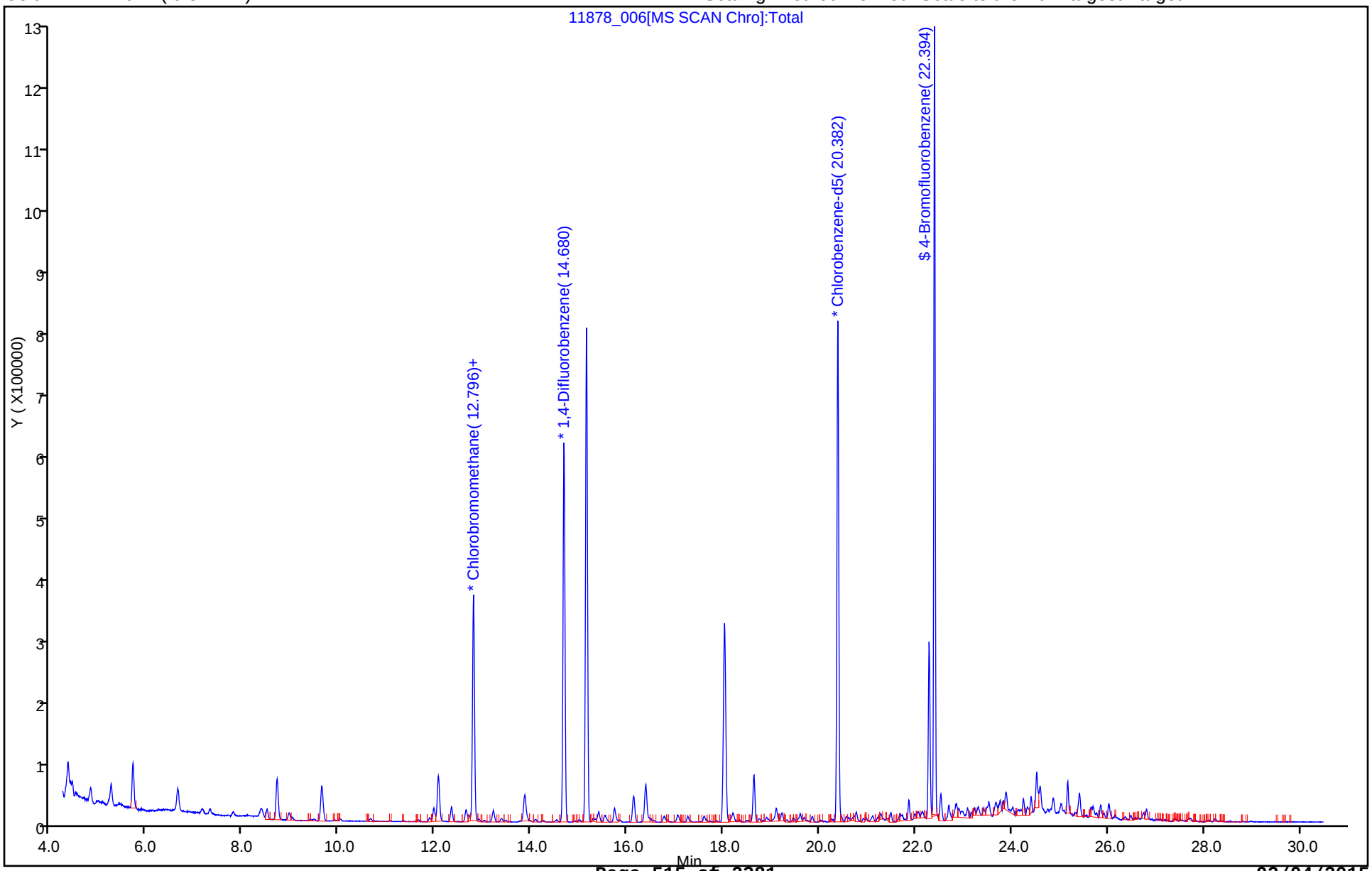
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2	Worklist Smp#:	6
Client ID:	785786CA01LA				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

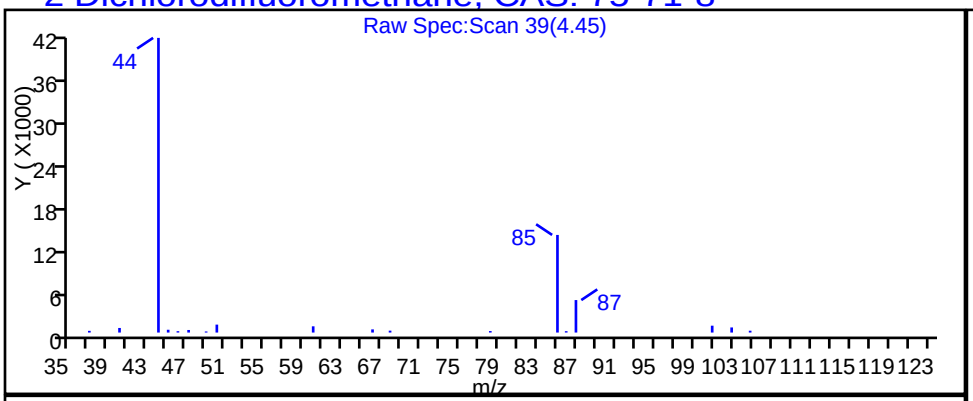


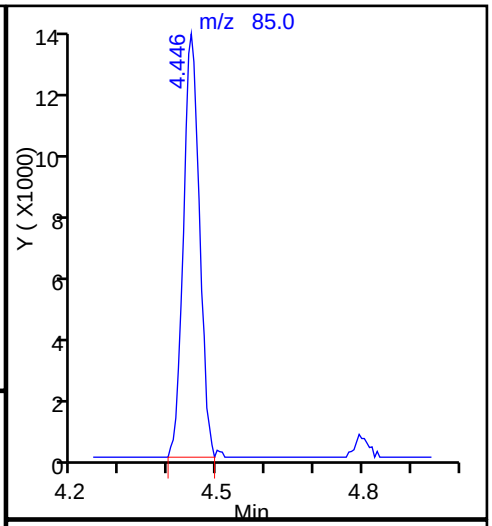
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

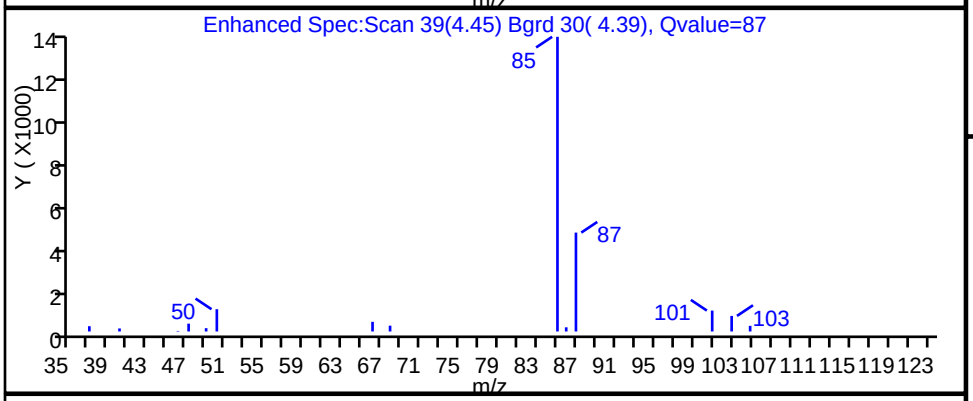
TestAmerica Burlington

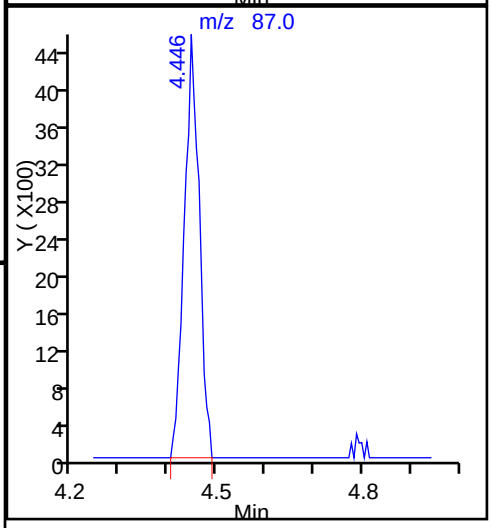
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

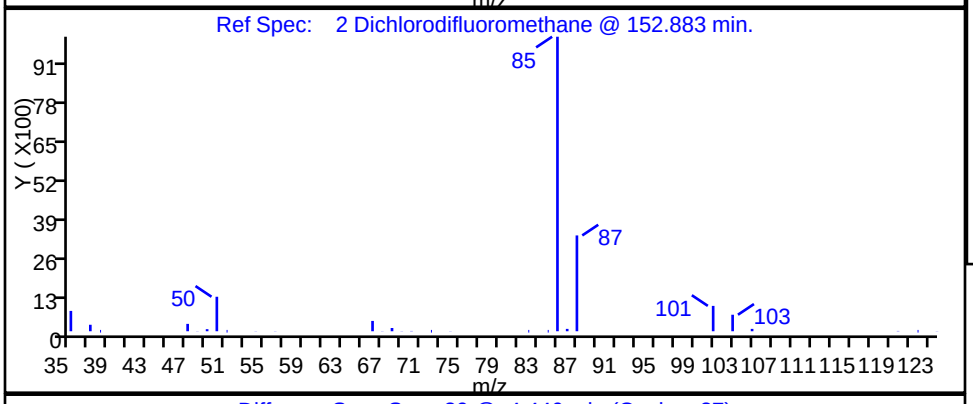
2 Dichlorodifluoromethane, CAS: 75-71-8

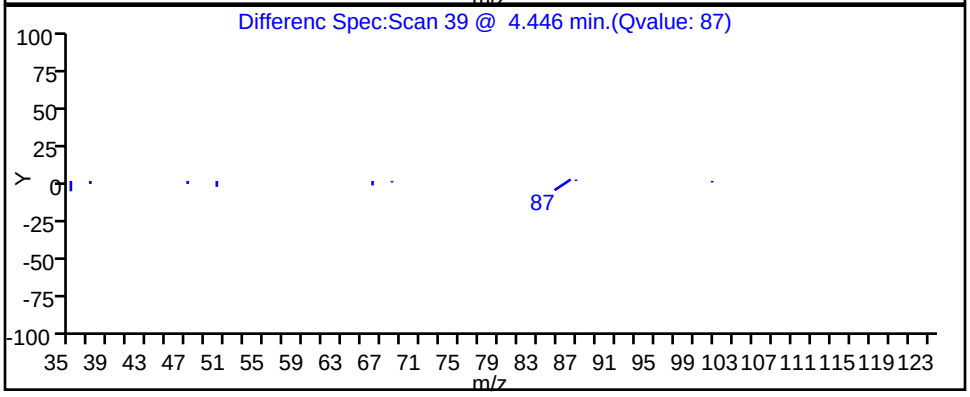










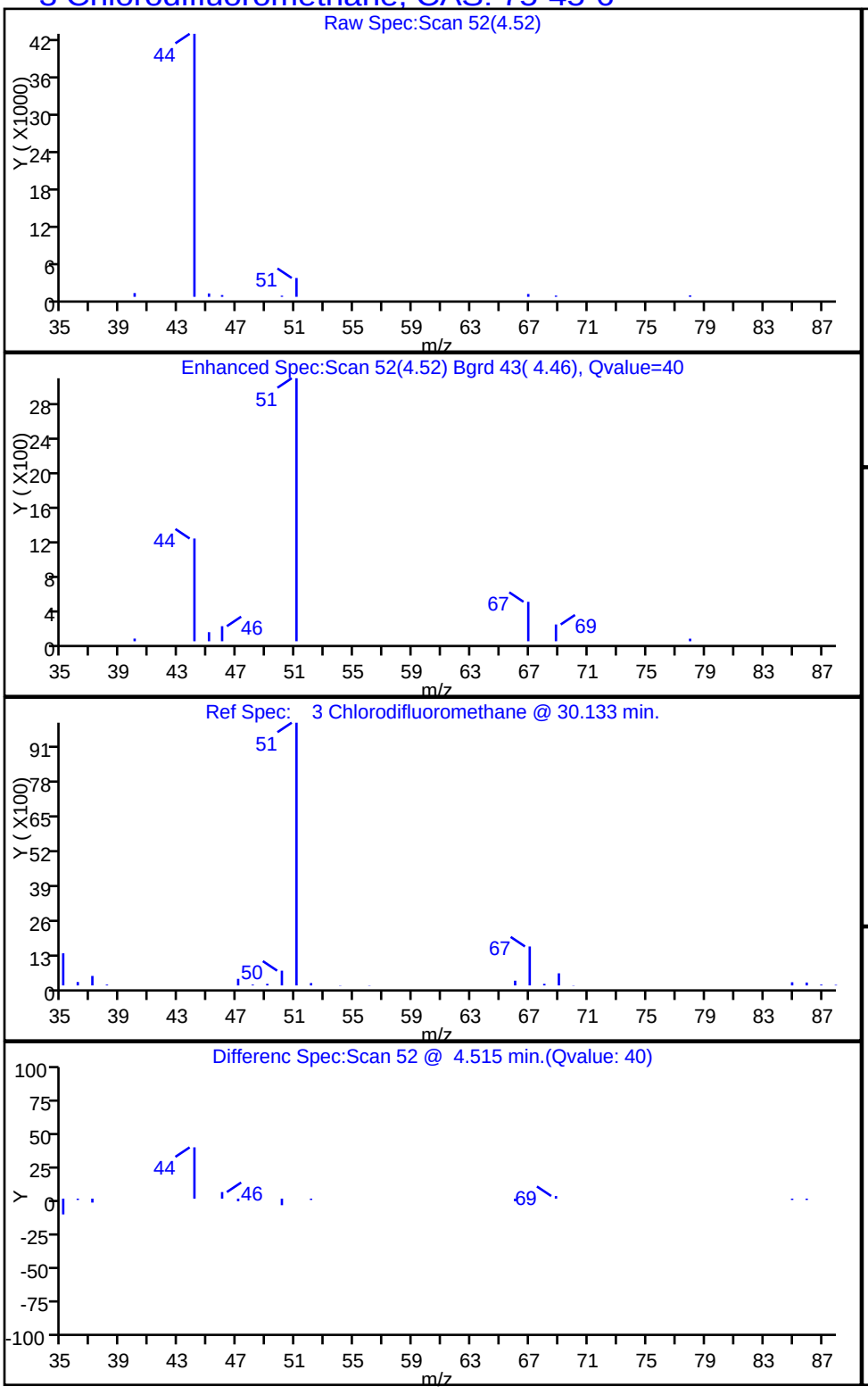


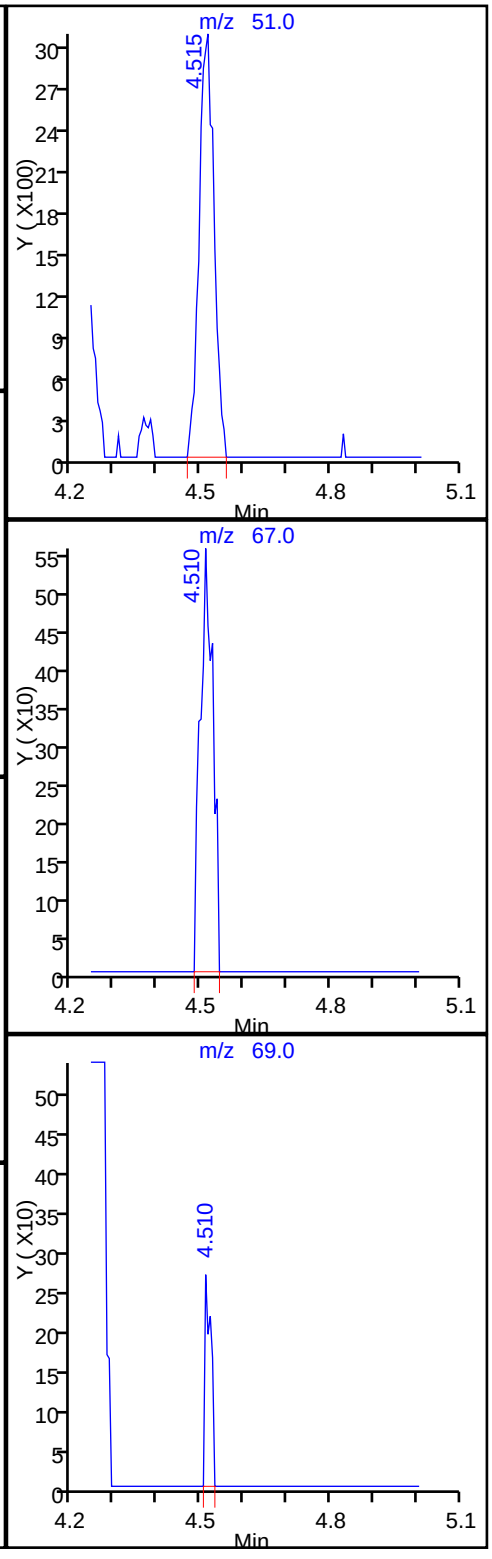
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6





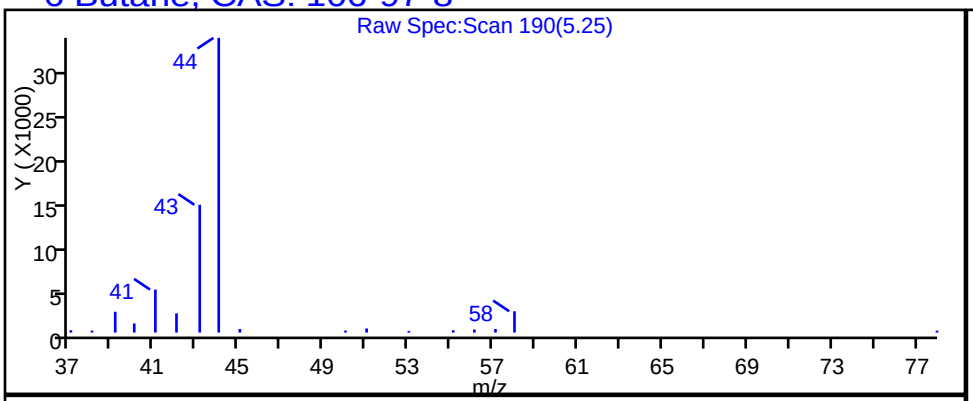
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

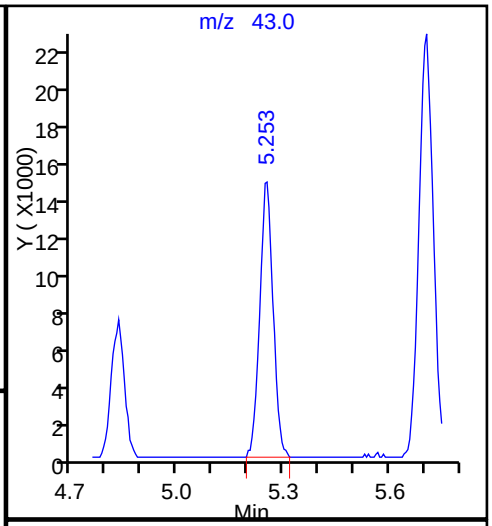
TestAmerica Burlington

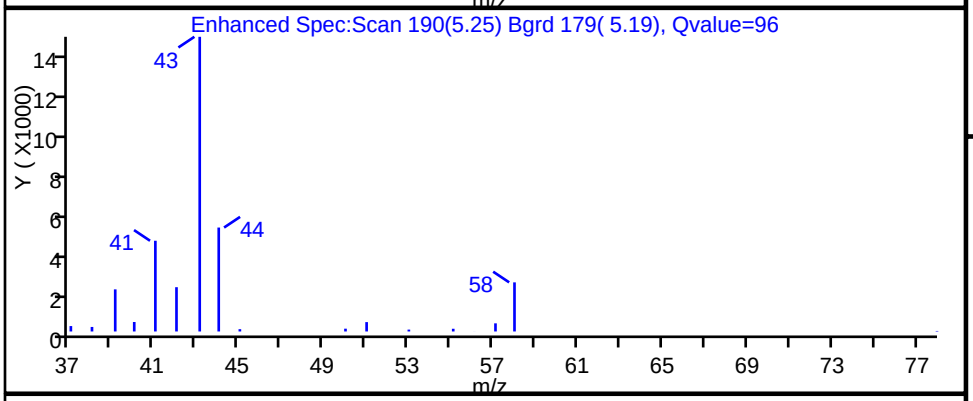
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

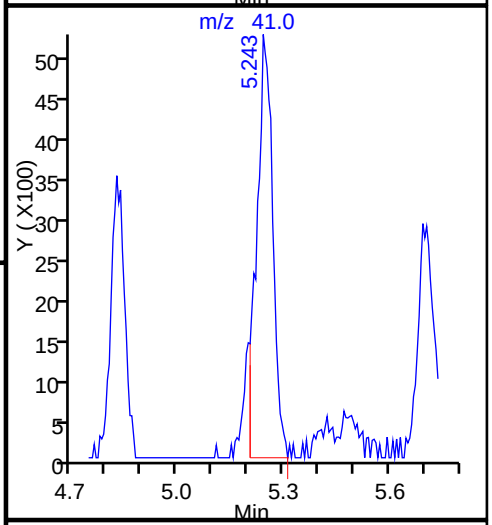
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

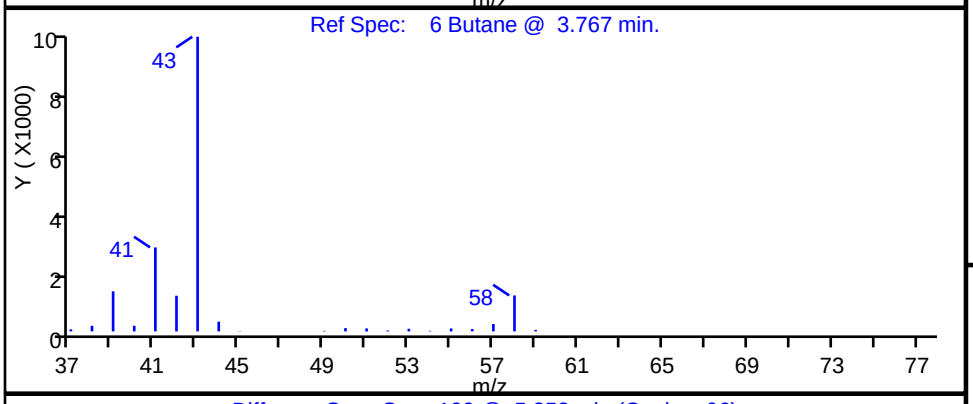
6 Butane, CAS: 106-97-8

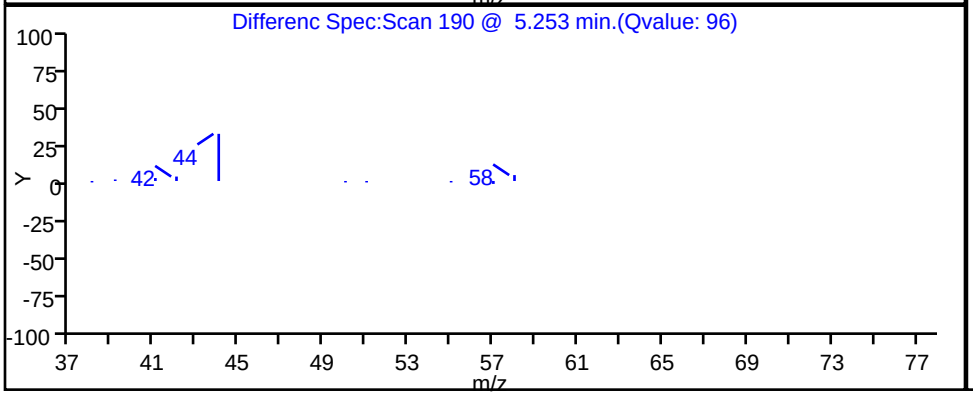


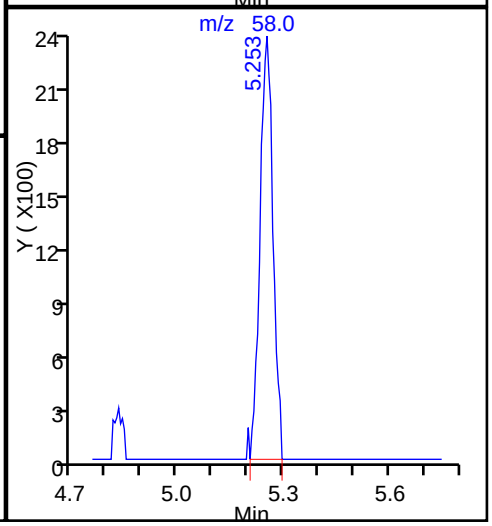












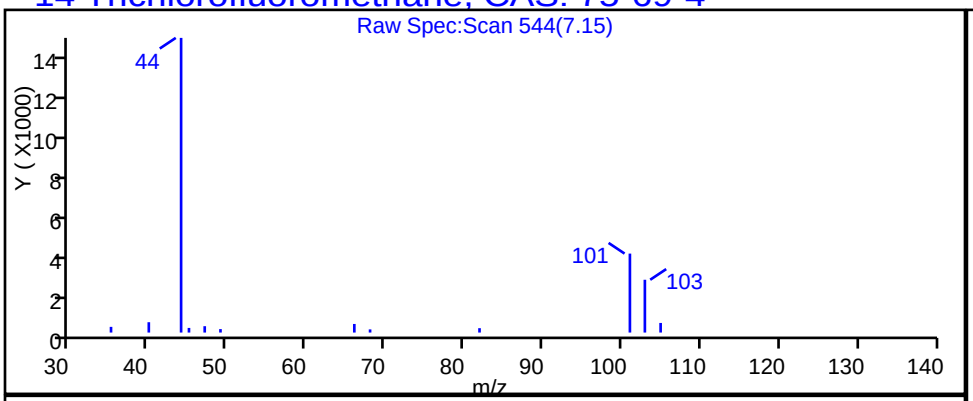
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

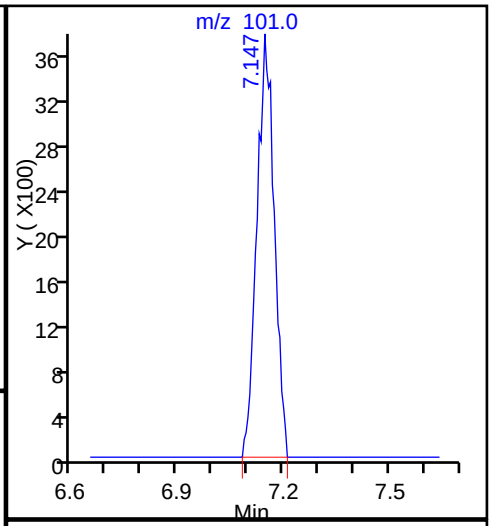
TestAmerica Burlington

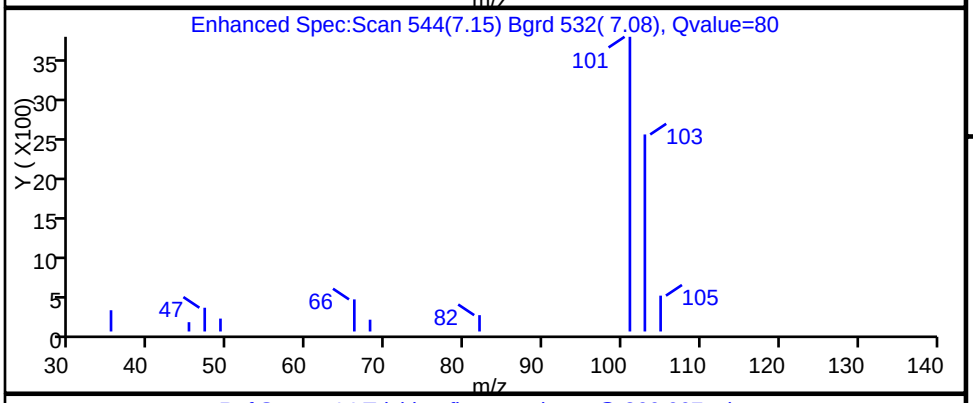
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

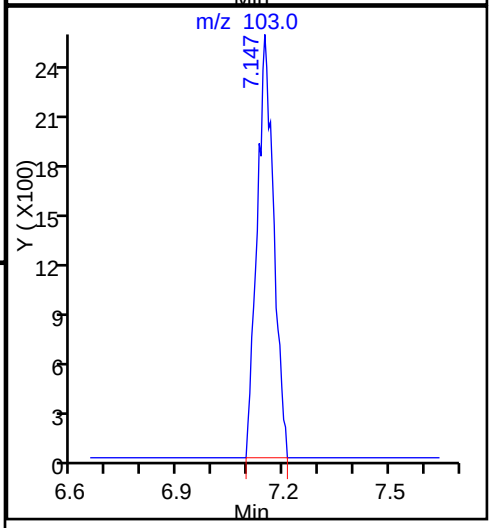
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

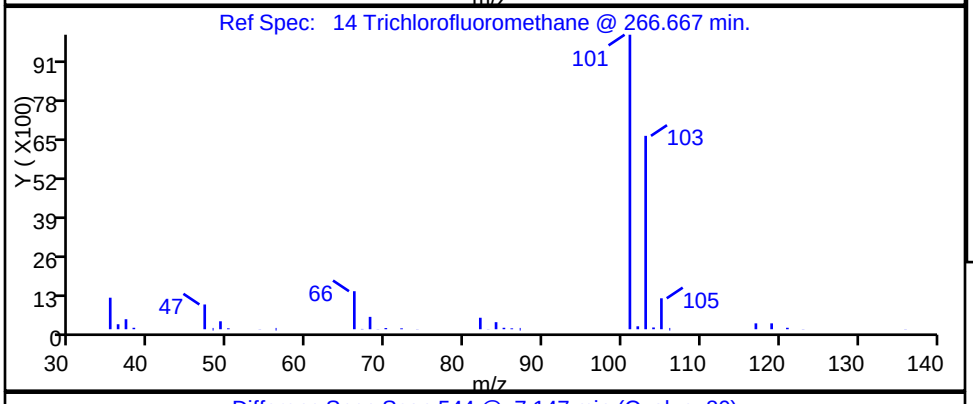
14 Trichlorofluoromethane, CAS: 75-69-4

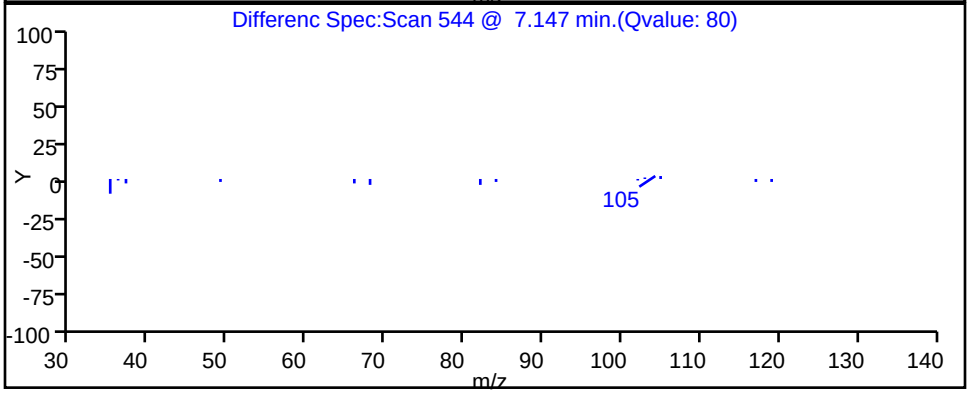








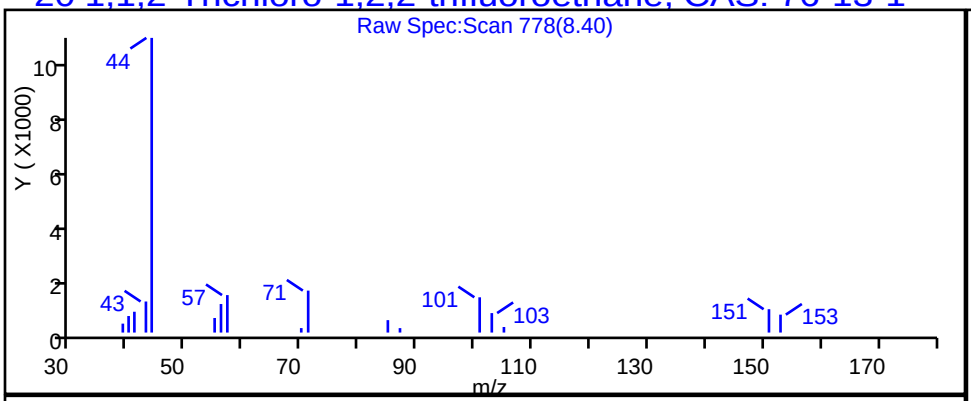


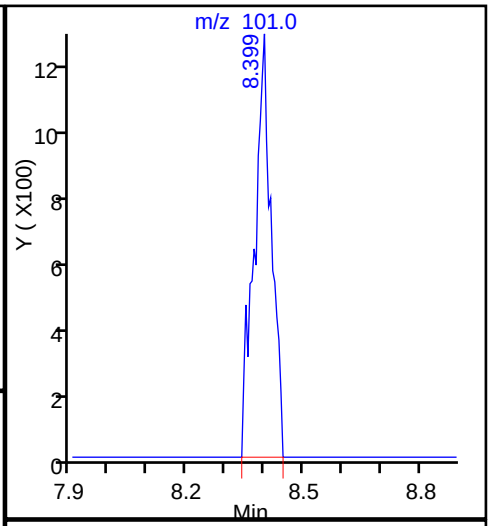


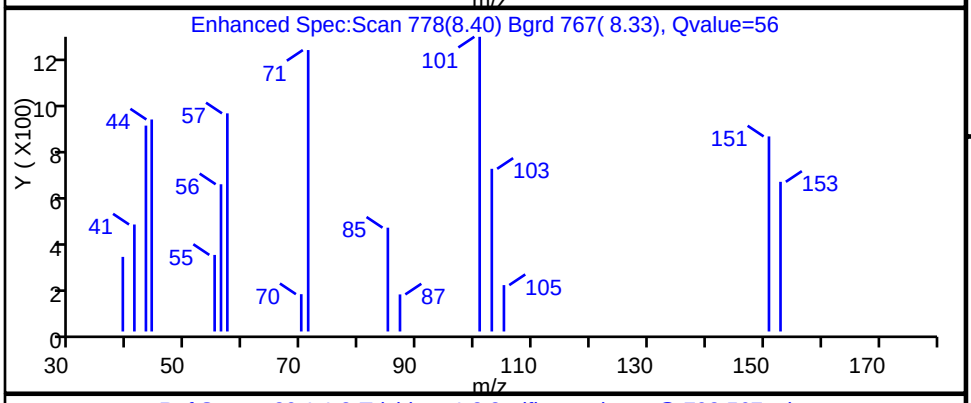
TestAmerica Burlington

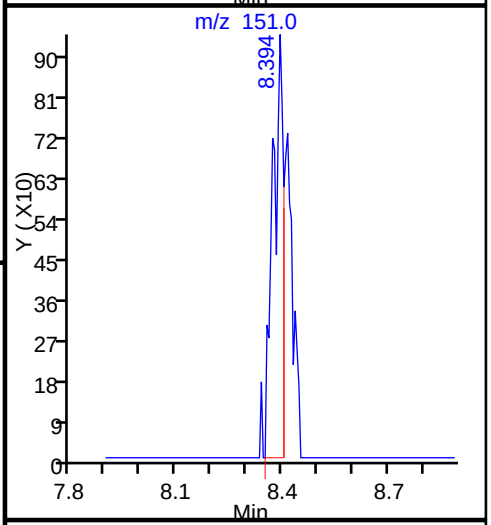
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

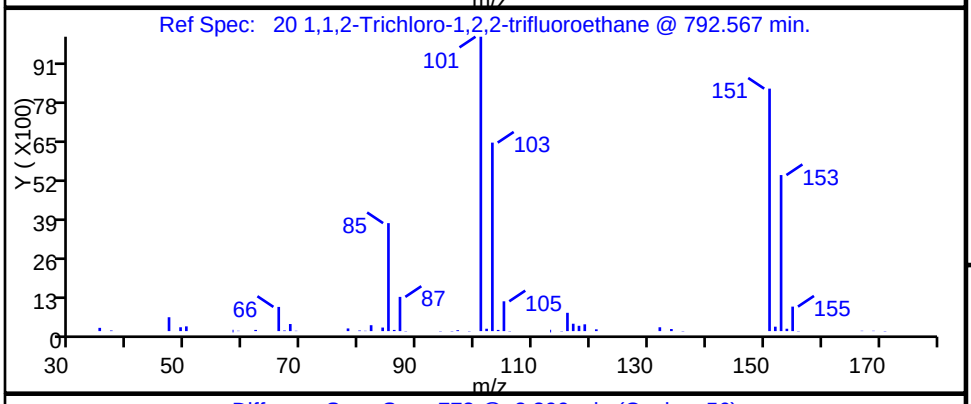
20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

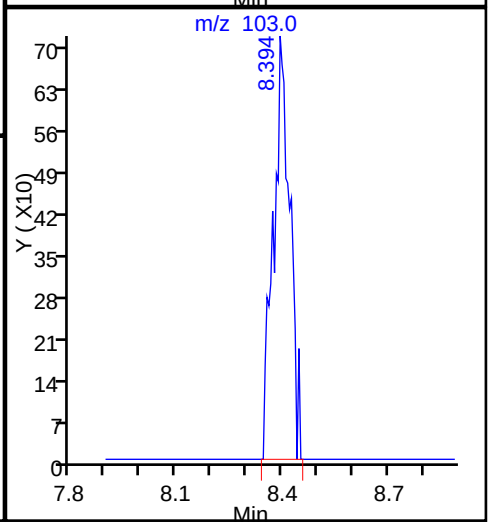


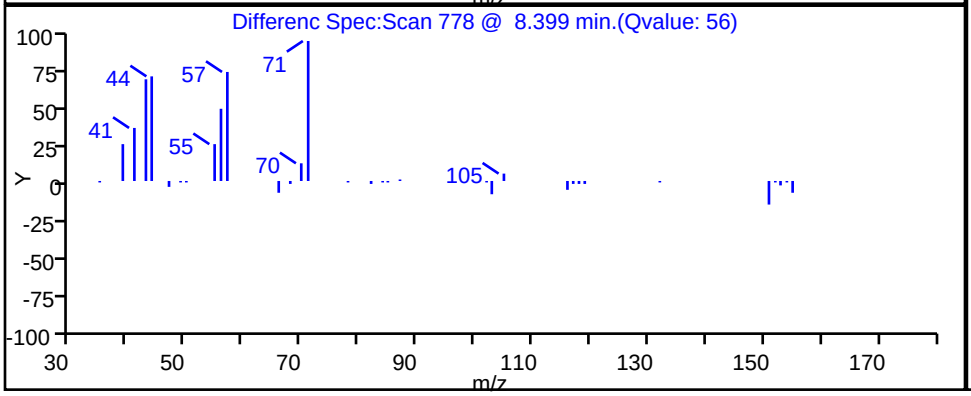












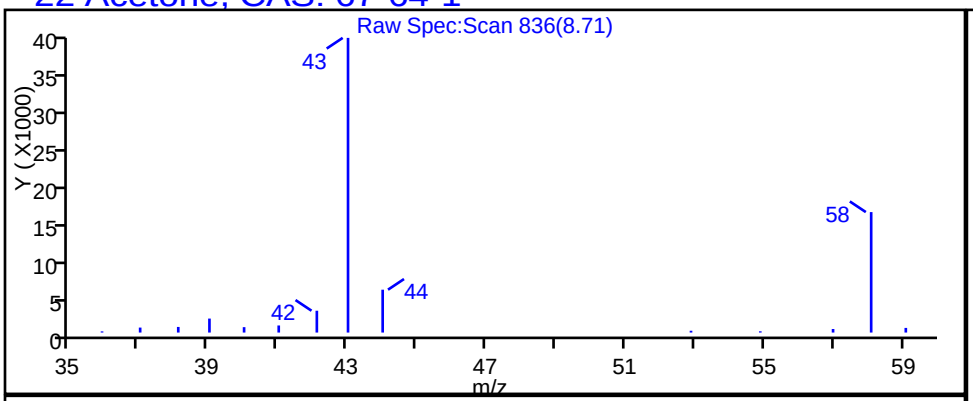
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

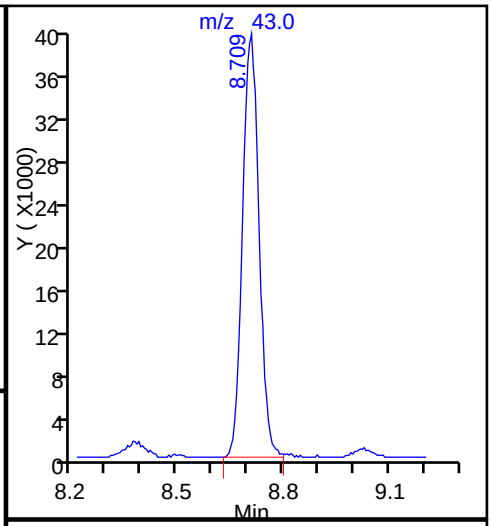
TestAmerica Burlington

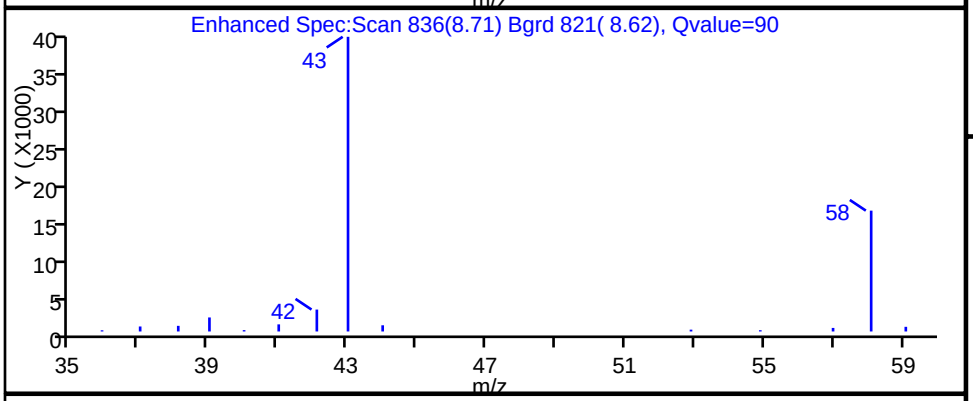
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

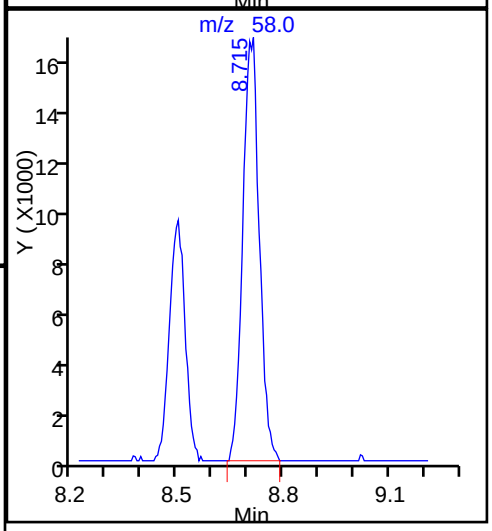
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

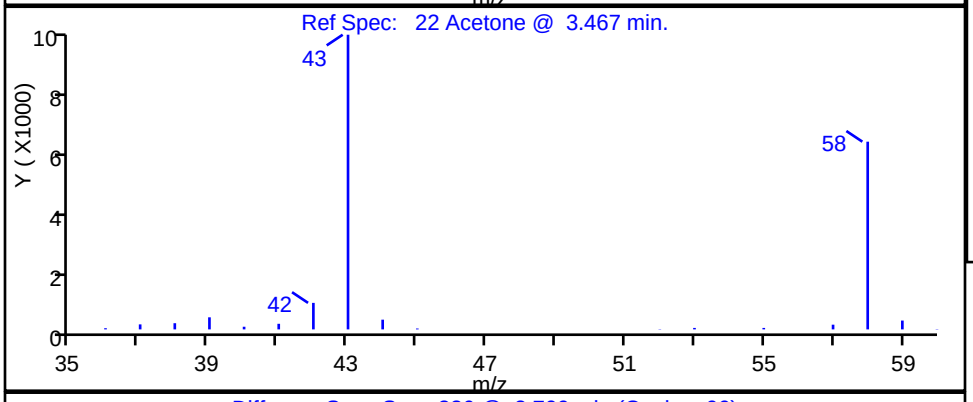
22 Acetone, CAS: 67-64-1

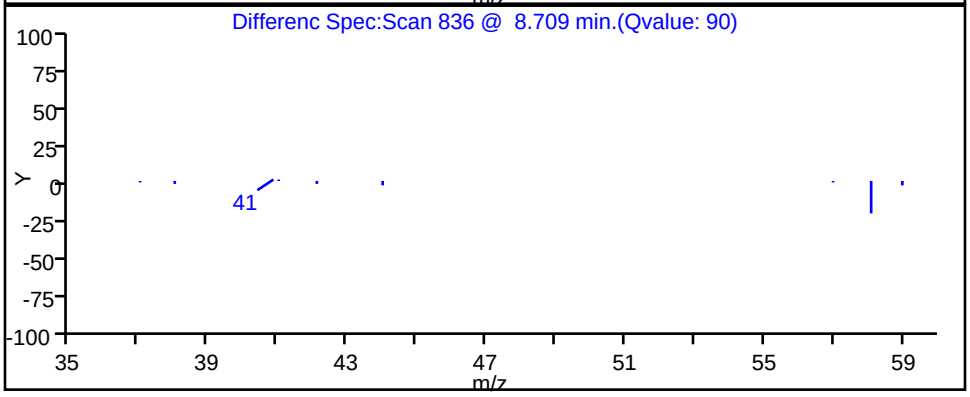












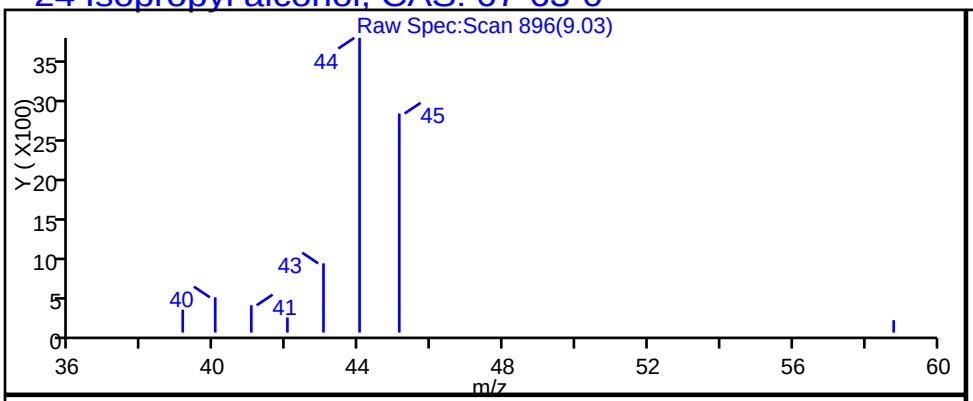
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

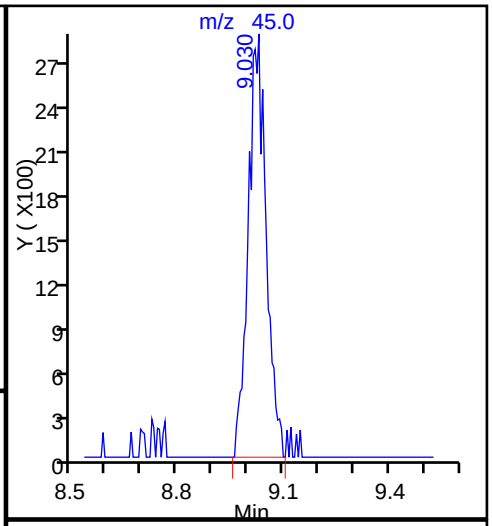
TestAmerica Burlington

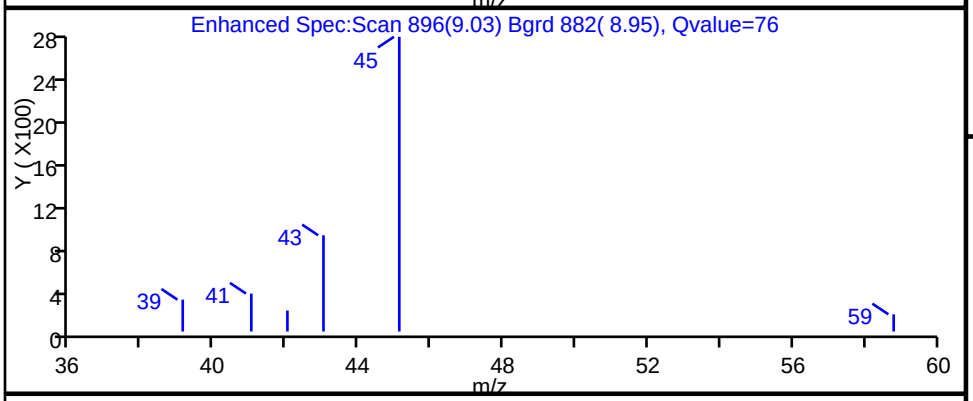
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

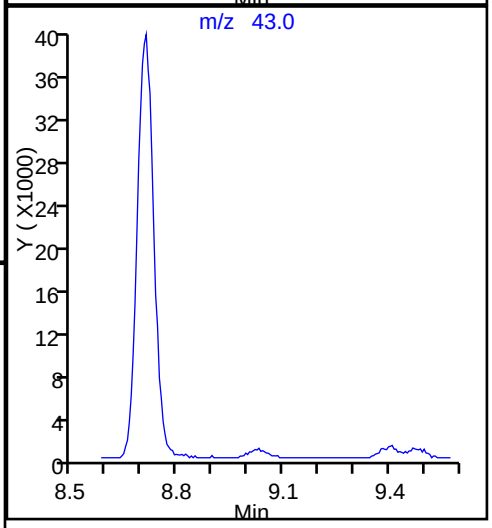
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

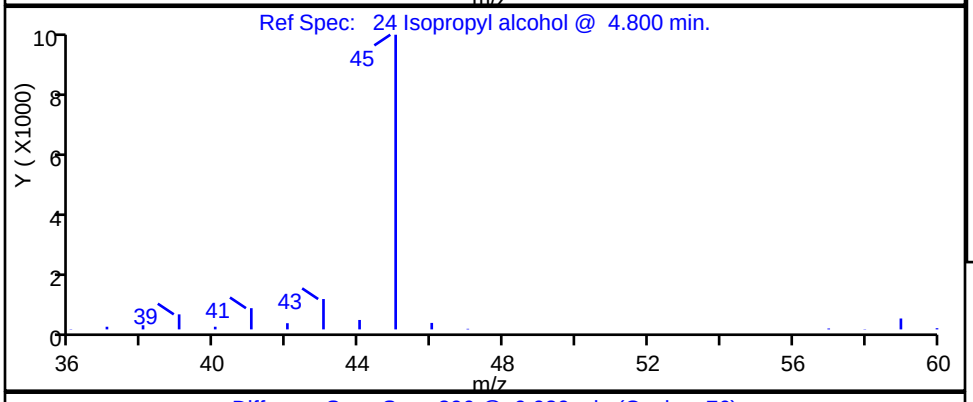
24 Isopropyl alcohol, CAS: 67-63-0

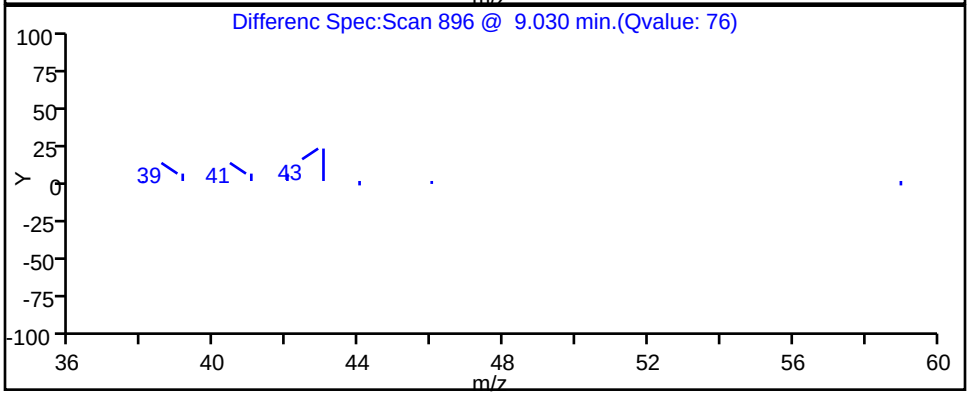








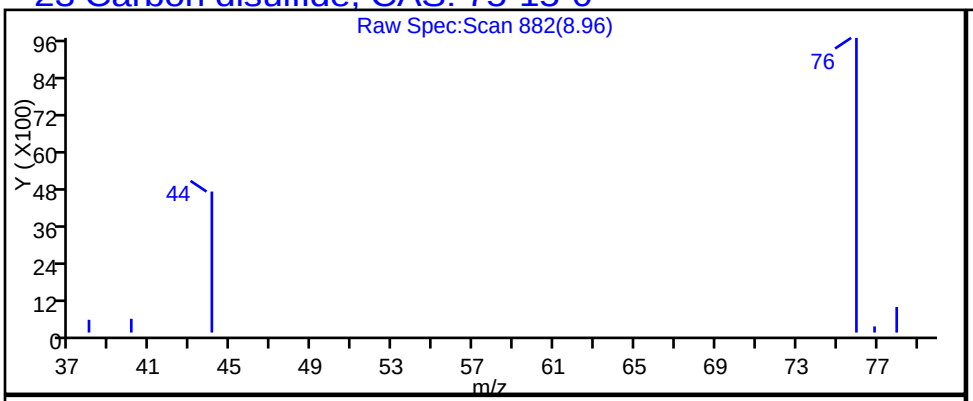


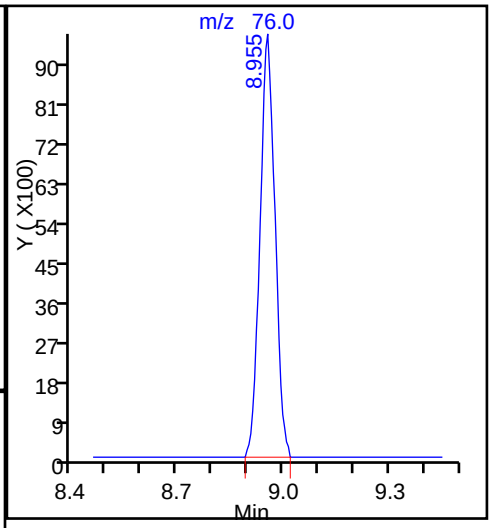


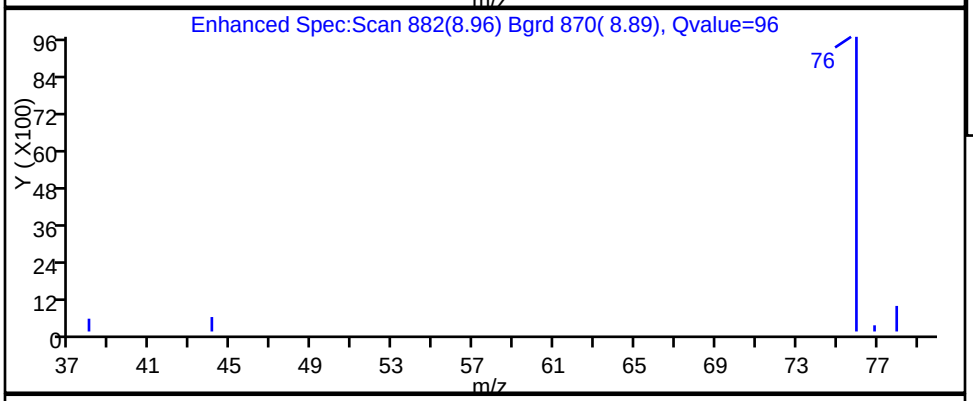
TestAmerica Burlington

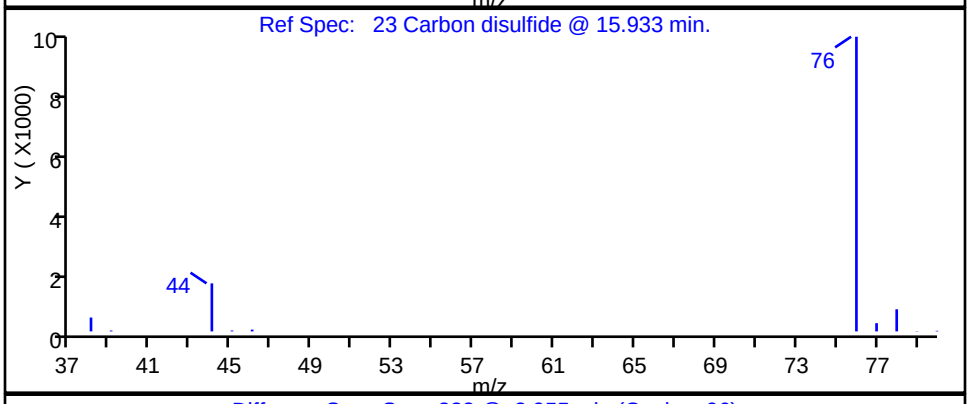
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

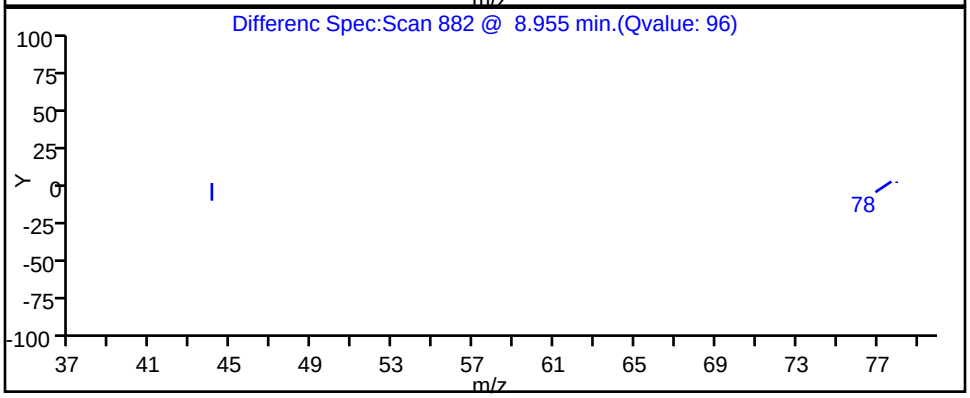
23 Carbon disulfide, CAS: 75-15-0









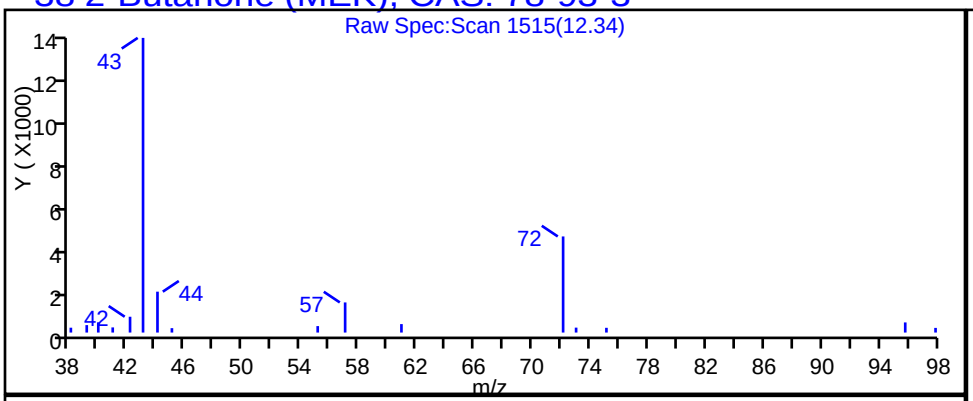


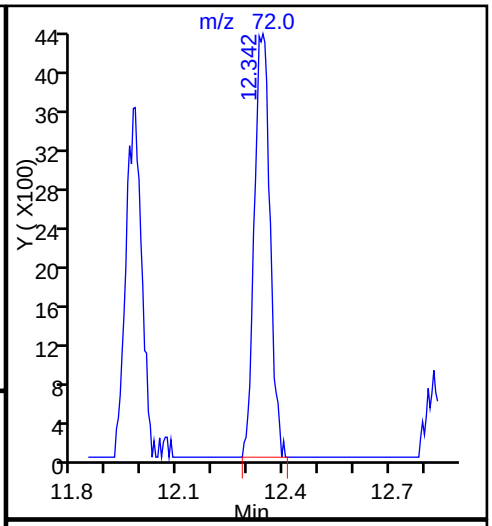
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

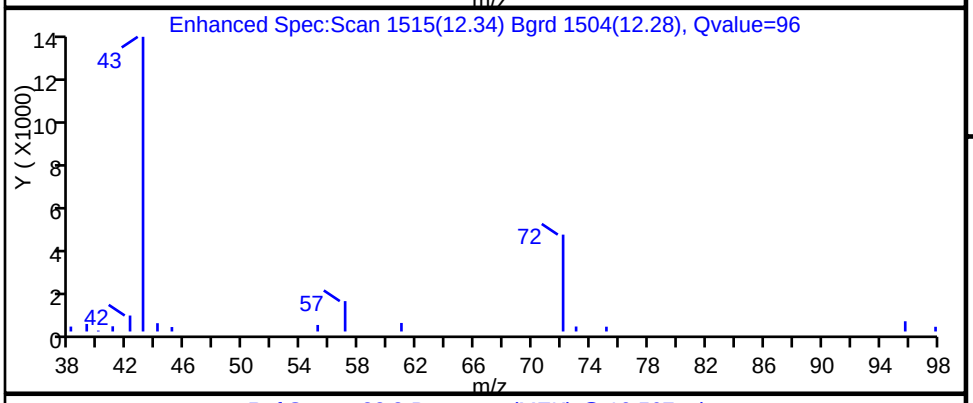
TestAmerica Burlington

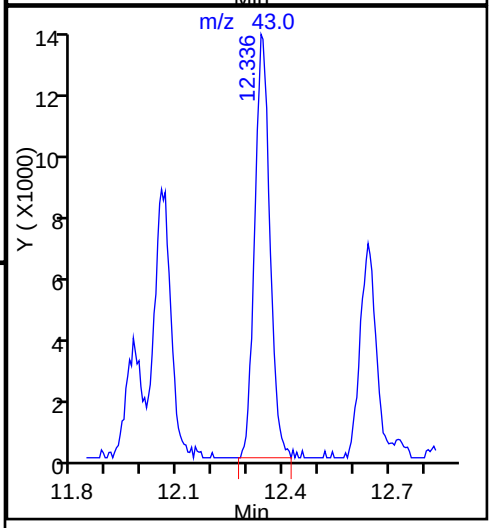
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

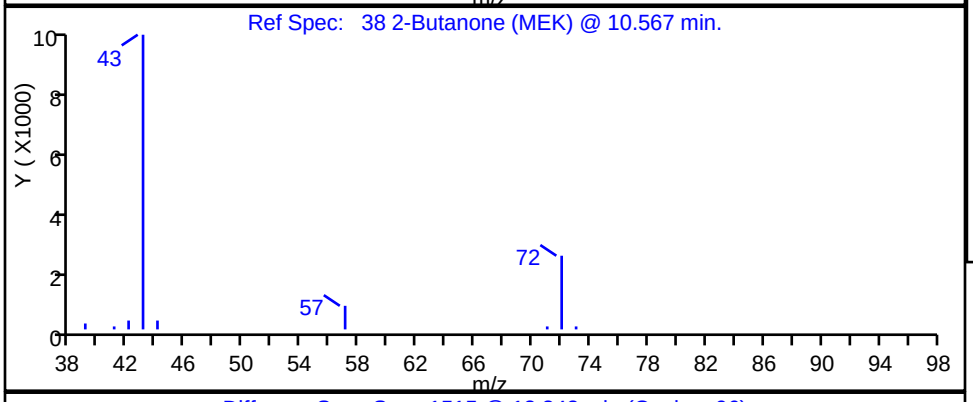
38 2-Butanone (MEK), CAS: 78-93-3

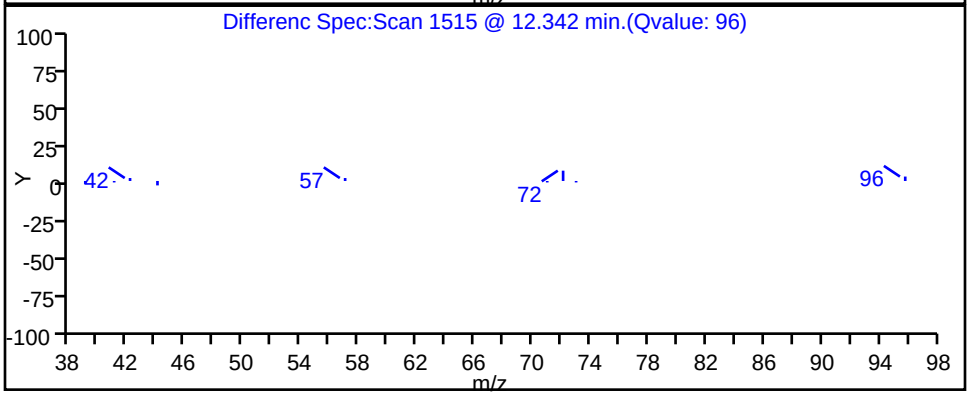












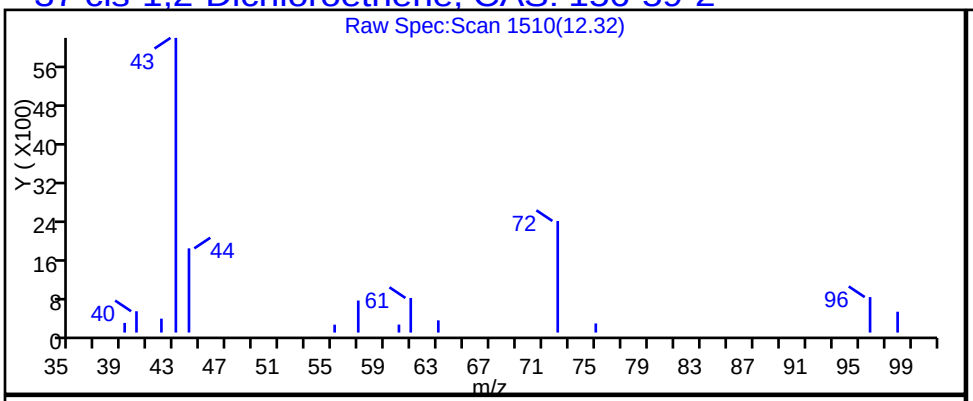
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

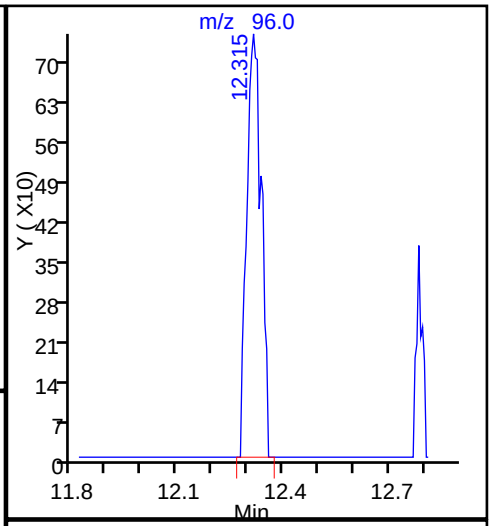
TestAmerica Burlington

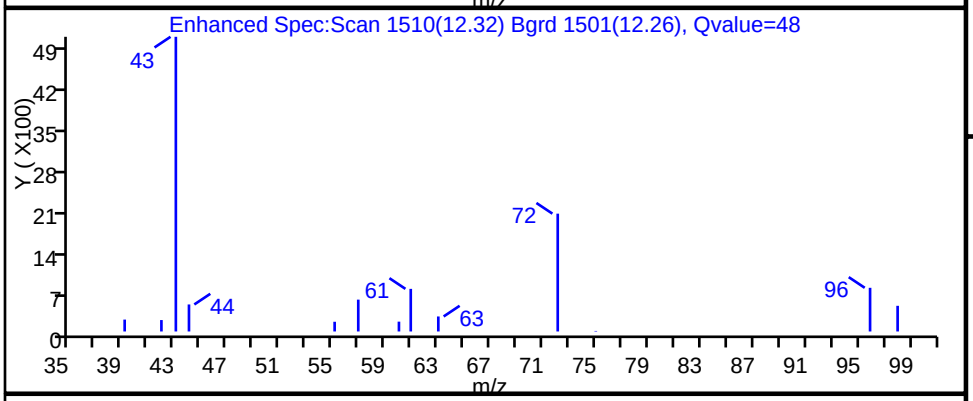
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

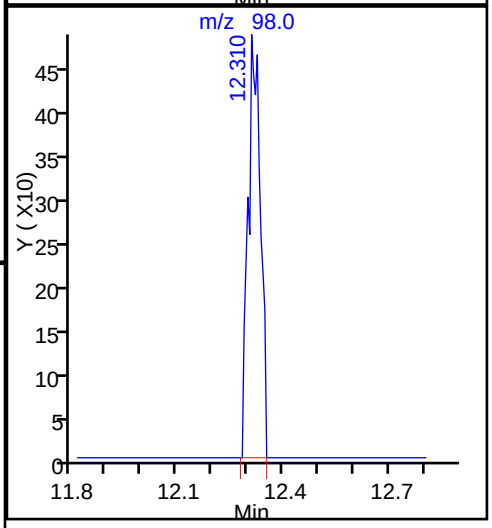
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

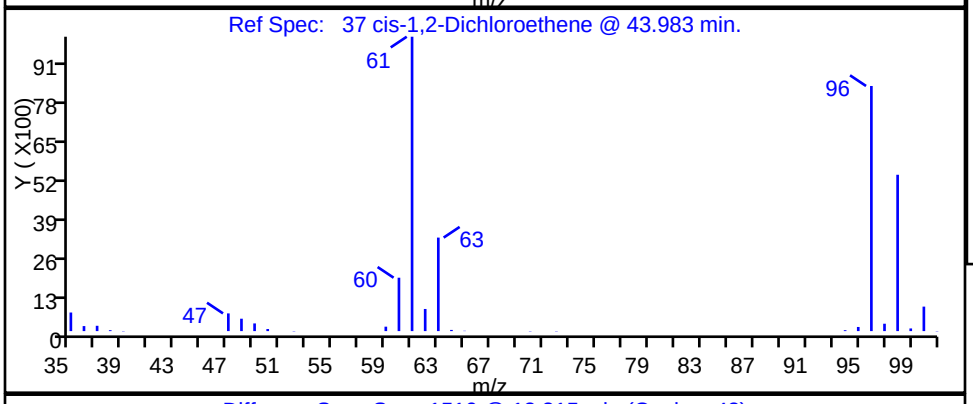
37 cis-1,2-Dichloroethene, CAS: 156-59-2

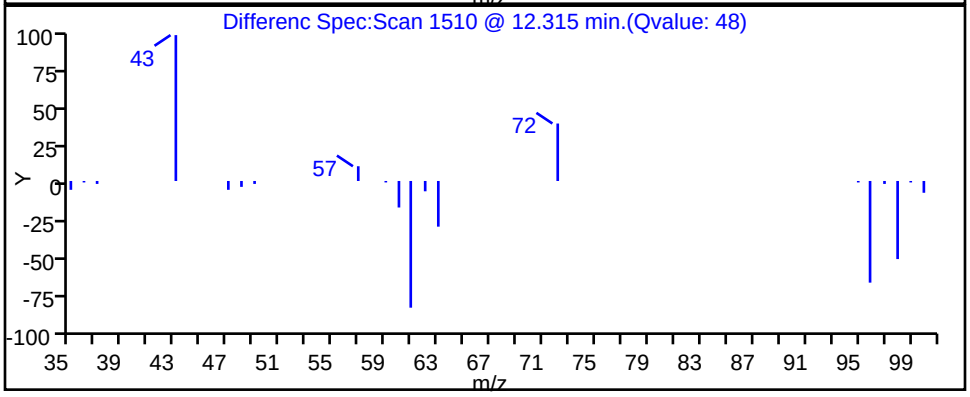










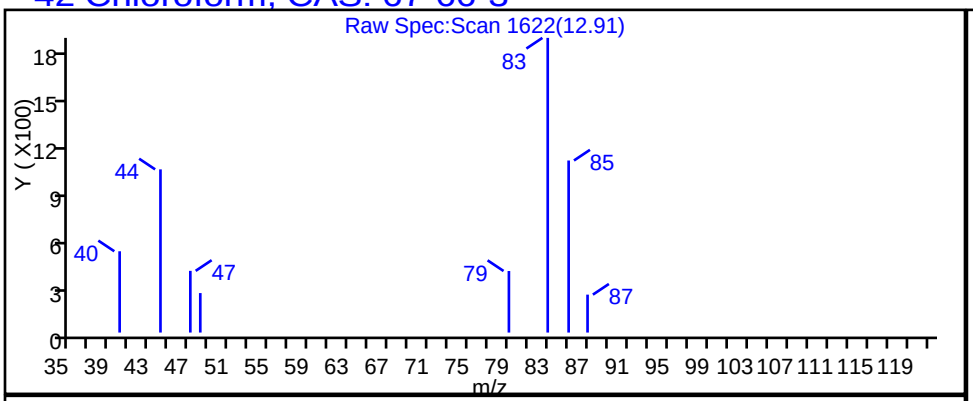


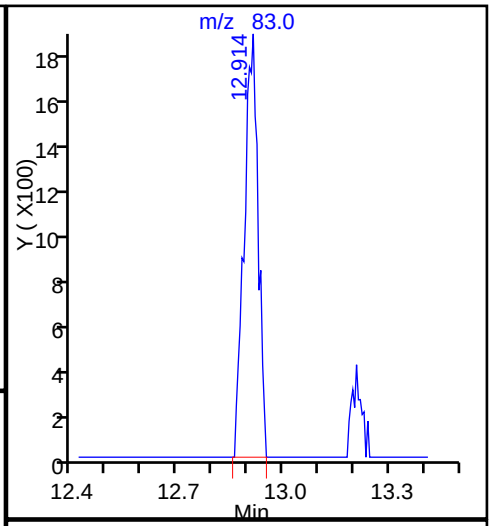
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

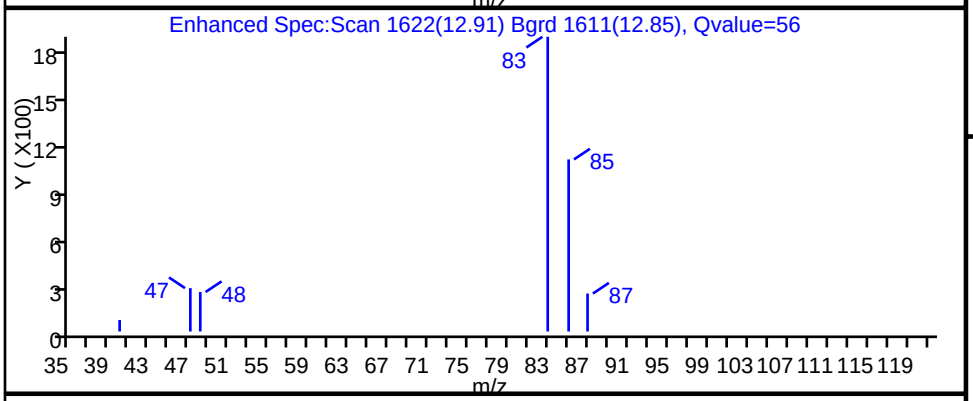
TestAmerica Burlington

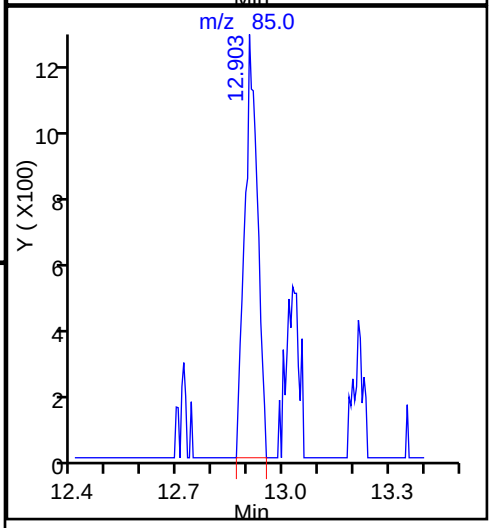
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

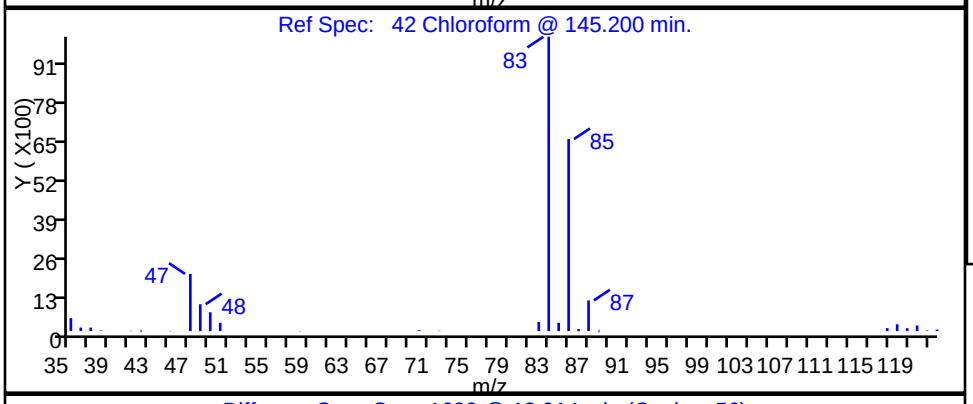
42 Chloroform, CAS: 67-66-3

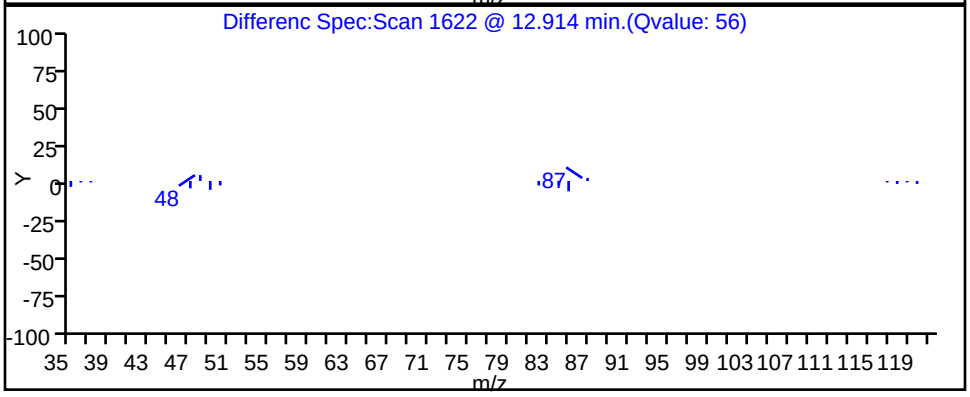










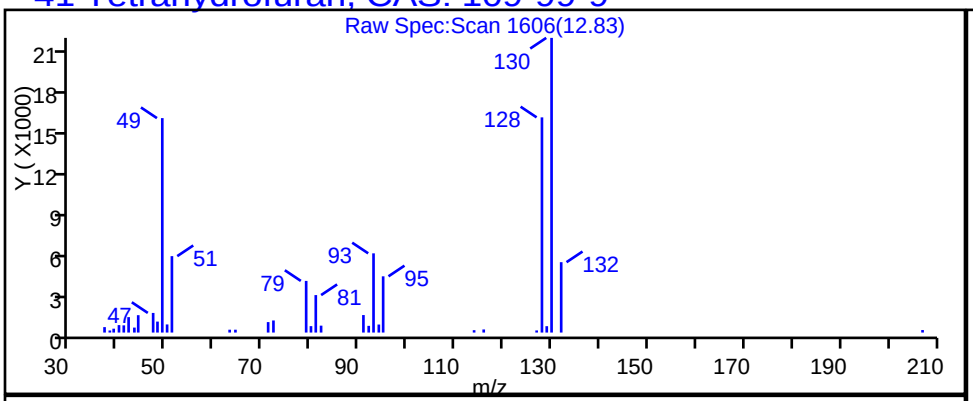


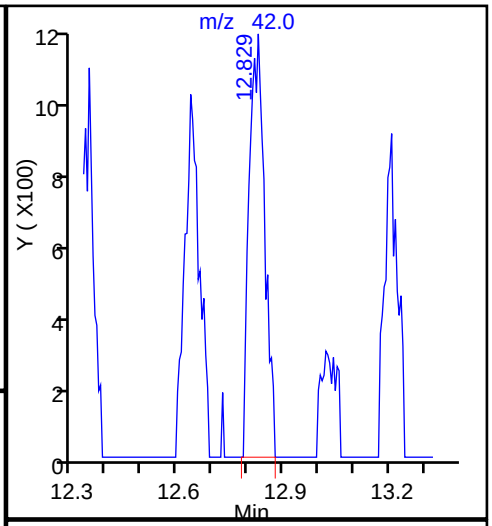
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

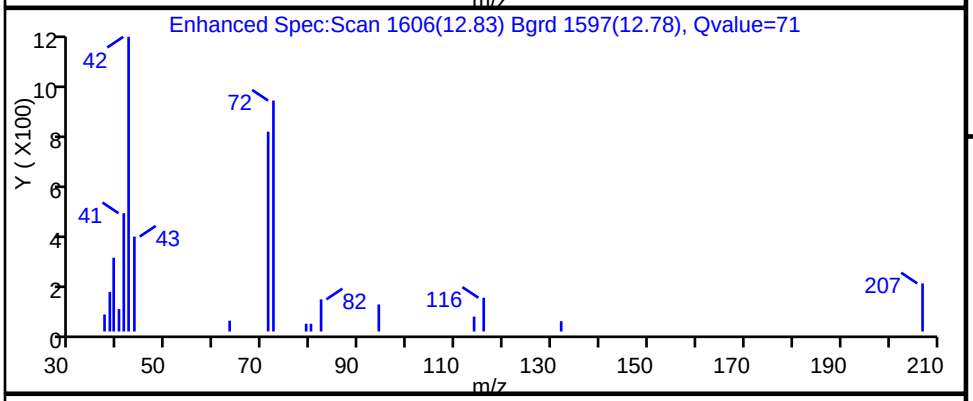
TestAmerica Burlington

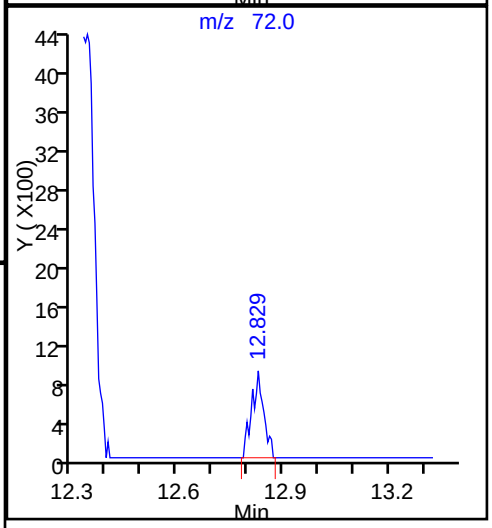
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

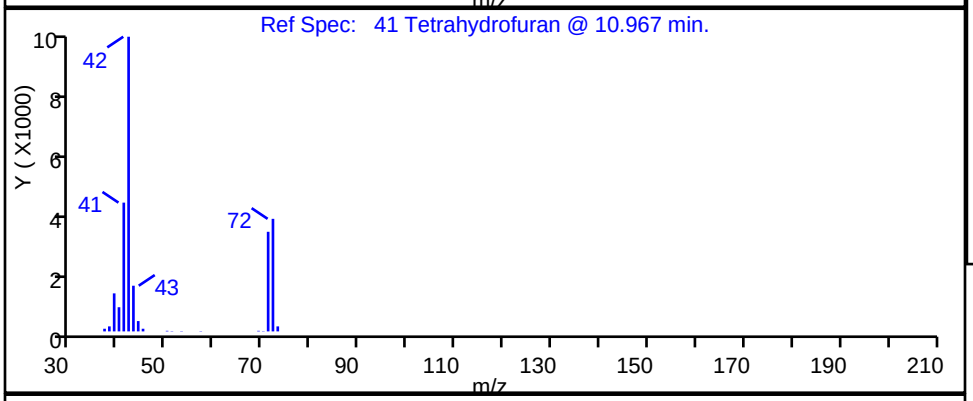
41 Tetrahydrofuran, CAS: 109-99-9

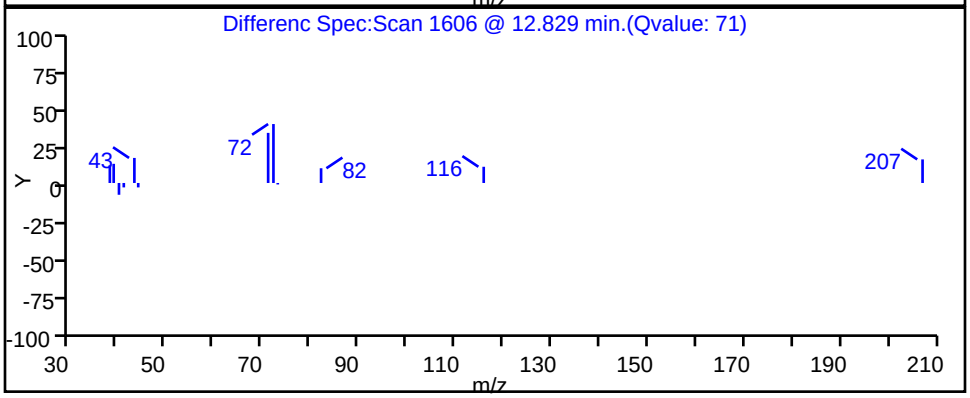












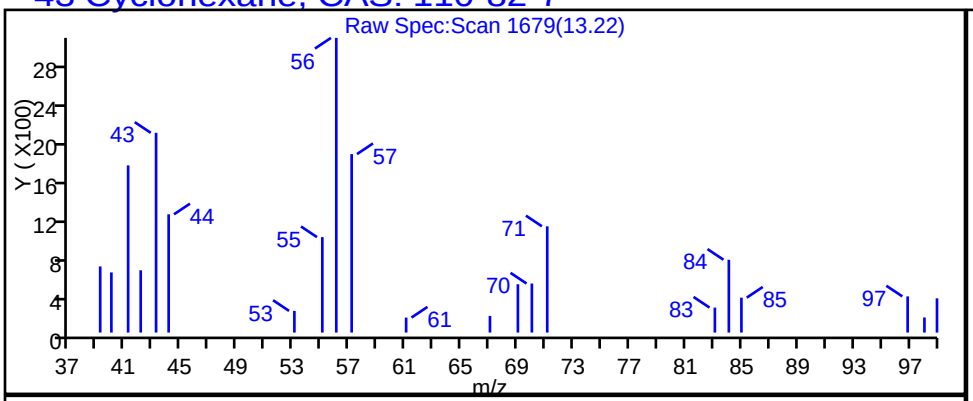
Report Date: 30-Jan-2015 09:12:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

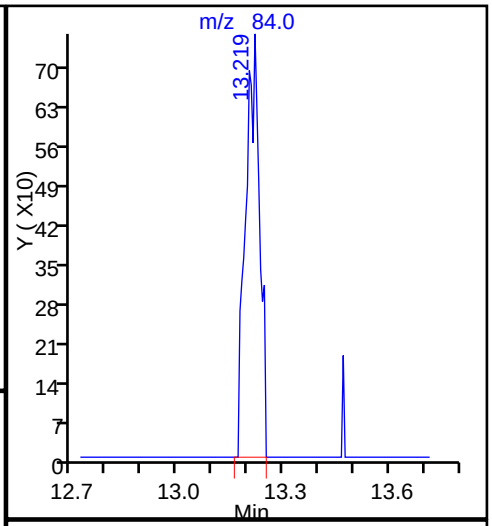
TestAmerica Burlington

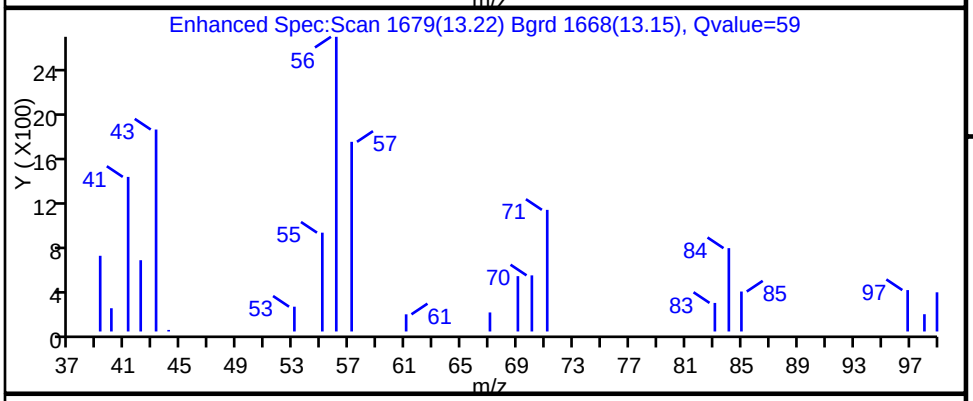
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

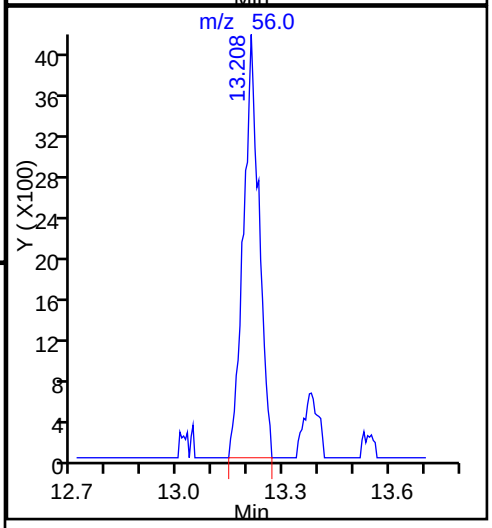
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

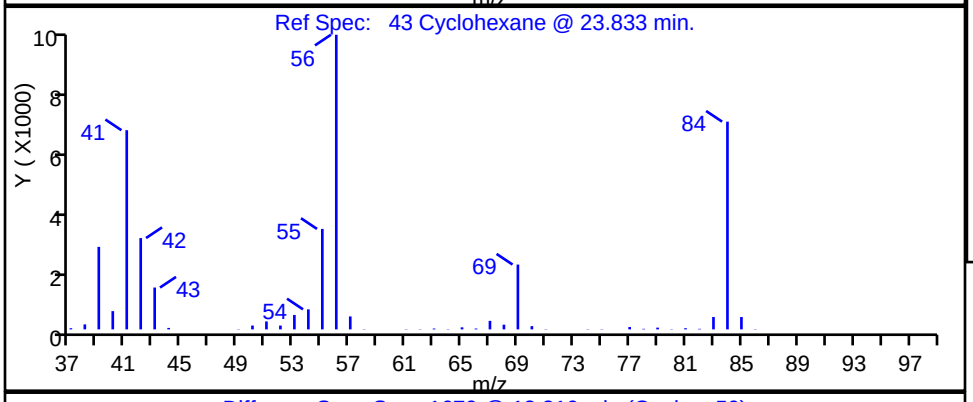
43 Cyclohexane, CAS: 110-82-7

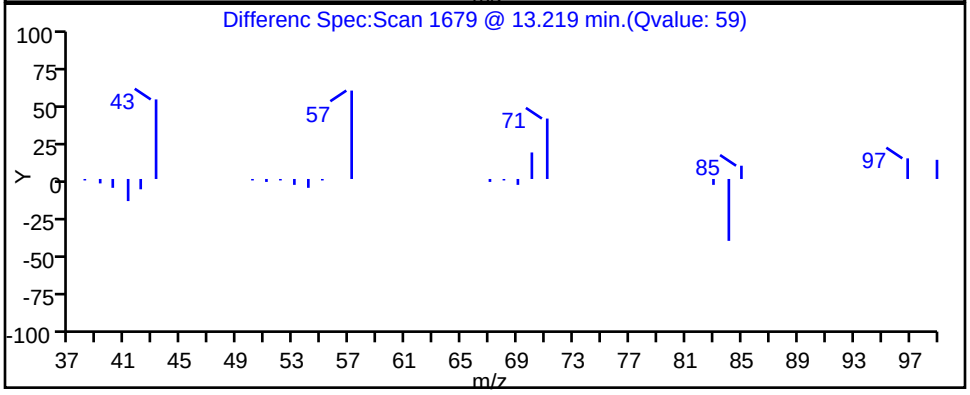










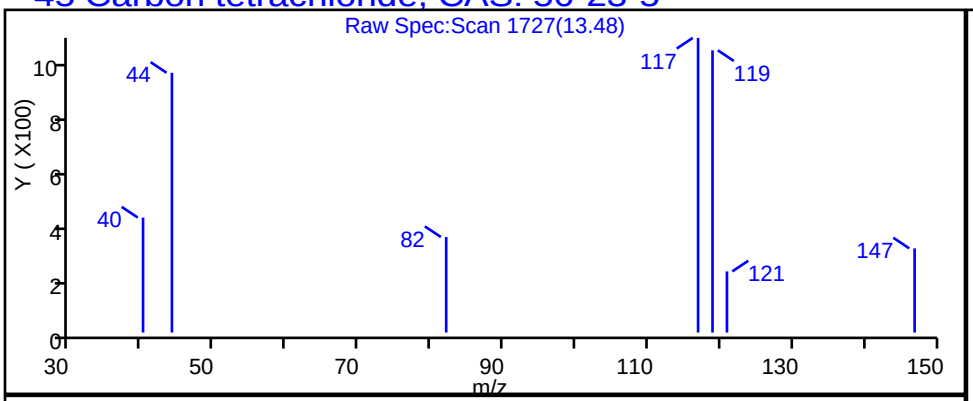


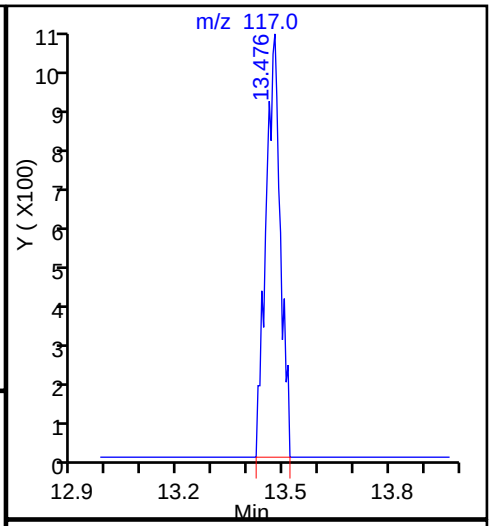
Report Date: 30-Jan-2015 09:12:09 Chrom Revision: 2.2 15-Jan-2015 13:05:58

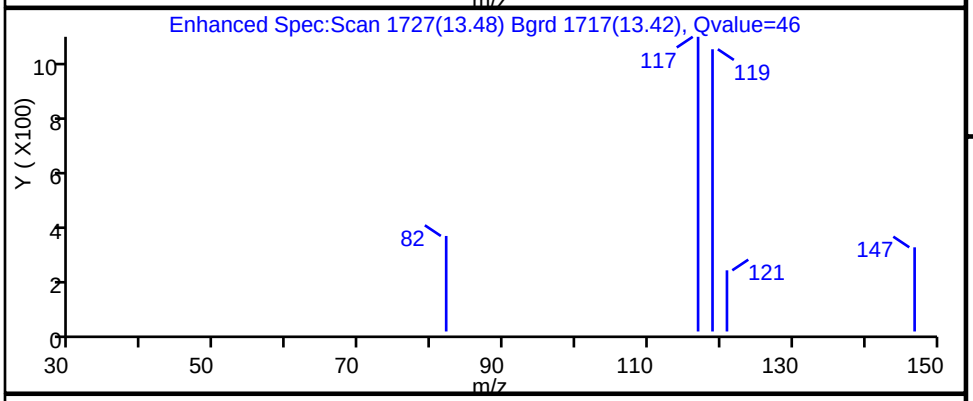
TestAmerica Burlington

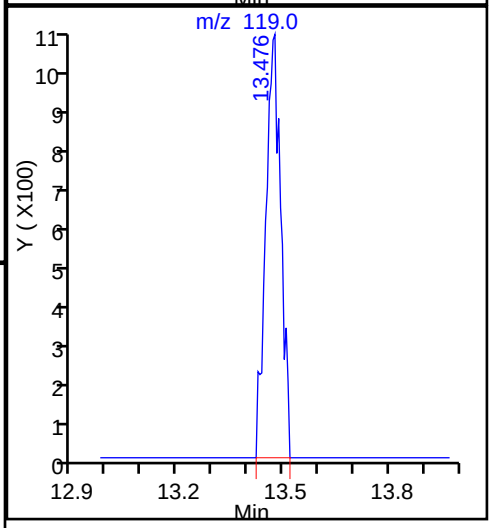
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

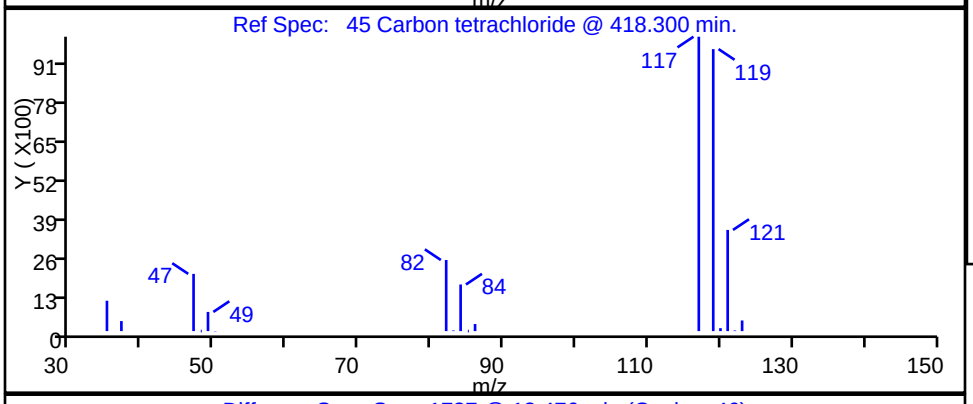
45 Carbon tetrachloride, CAS: 56-23-5

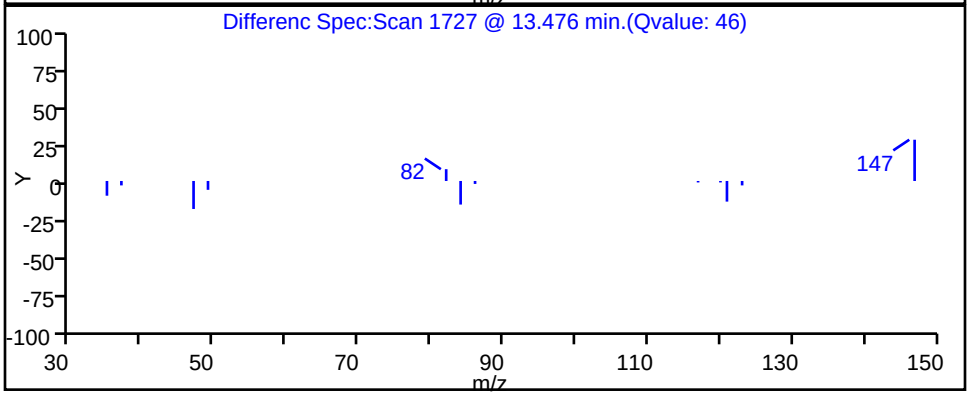










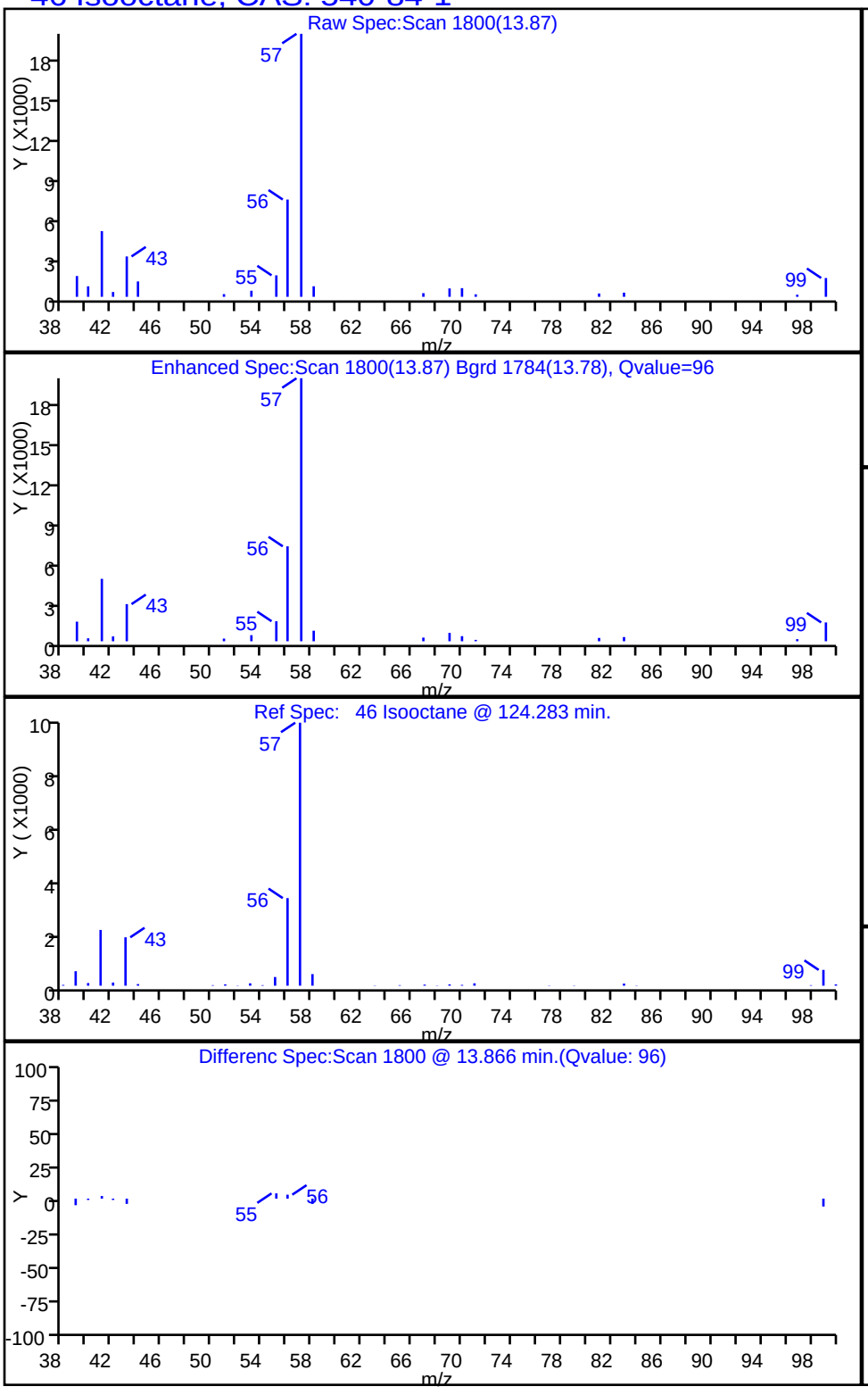


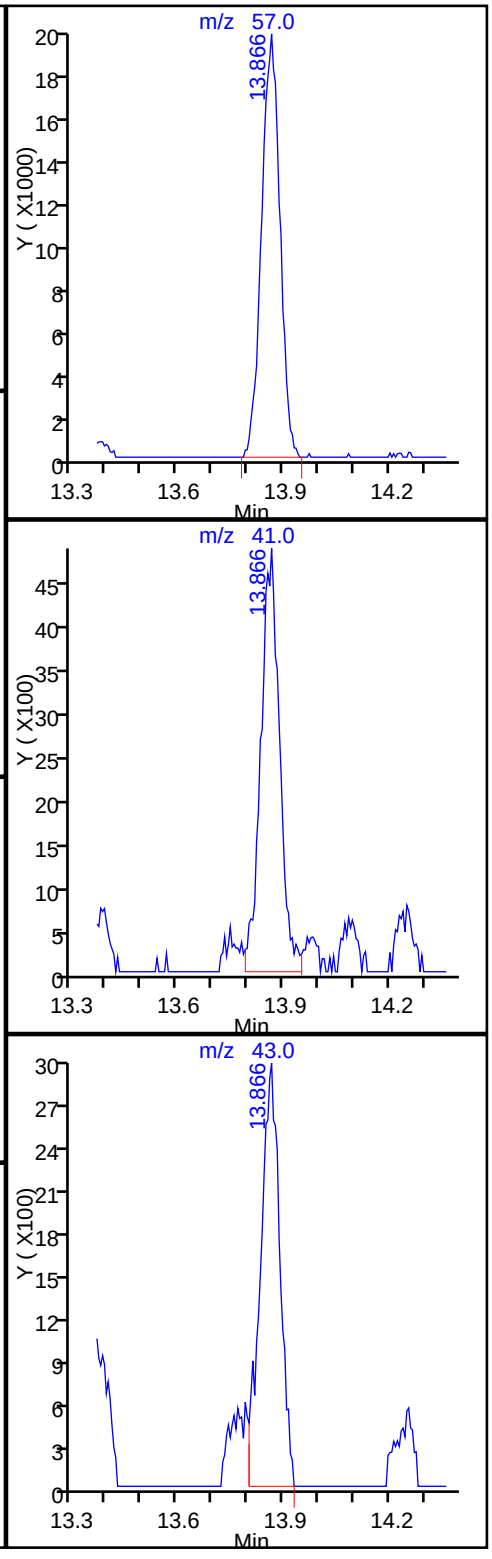
Report Date: 30-Jan-2015 09:12:09 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1



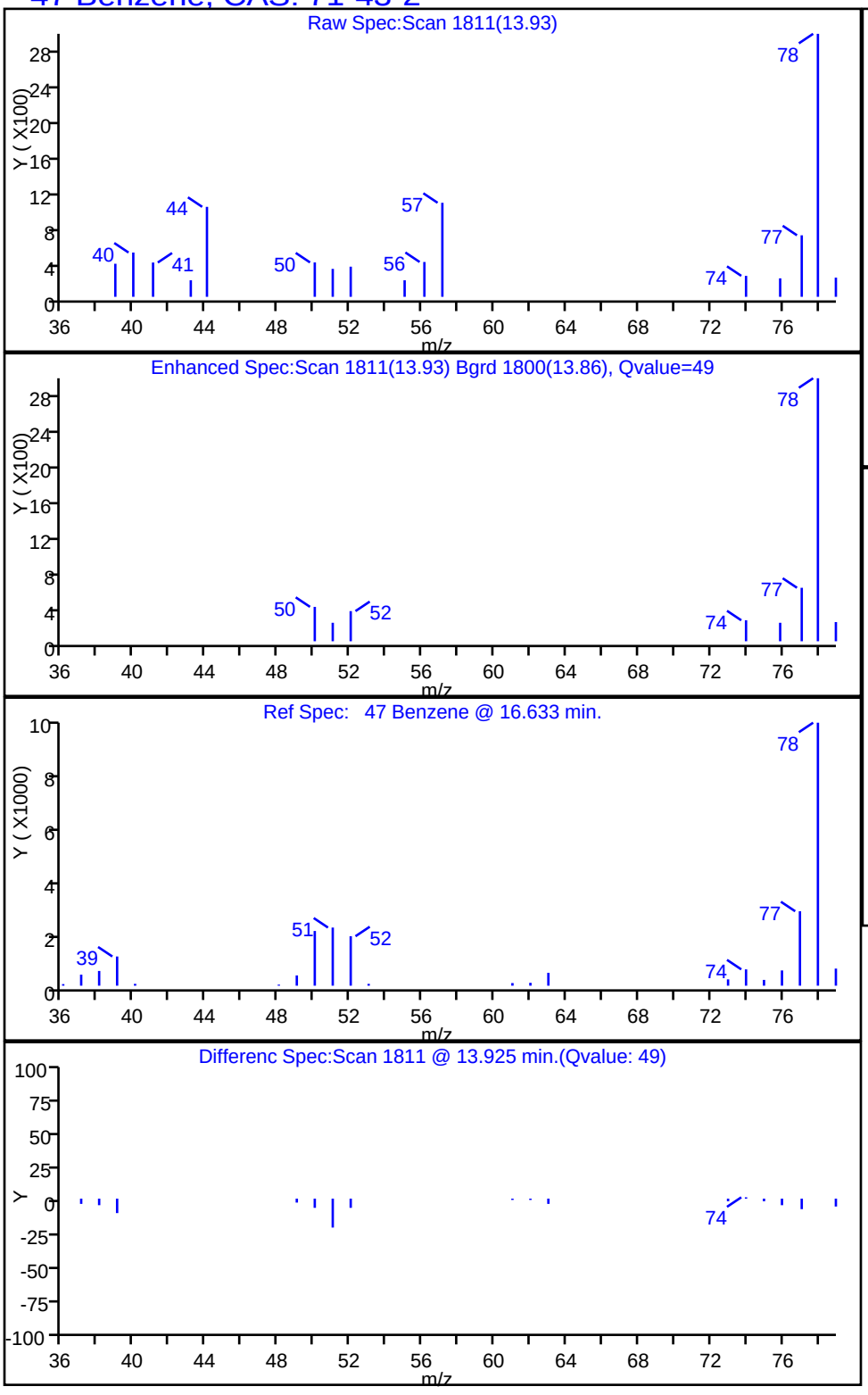


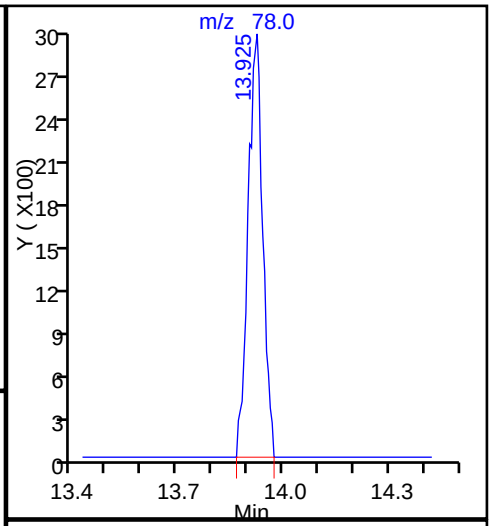
Report Date: 30-Jan-2015 09:12:09 Chrom Revision: 2.2 15-Jan-2015 13:05:58

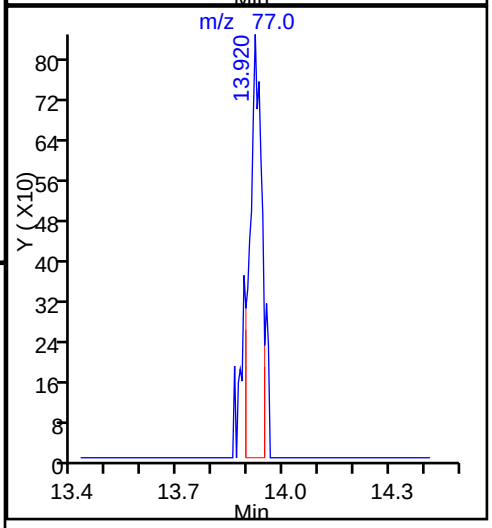
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2





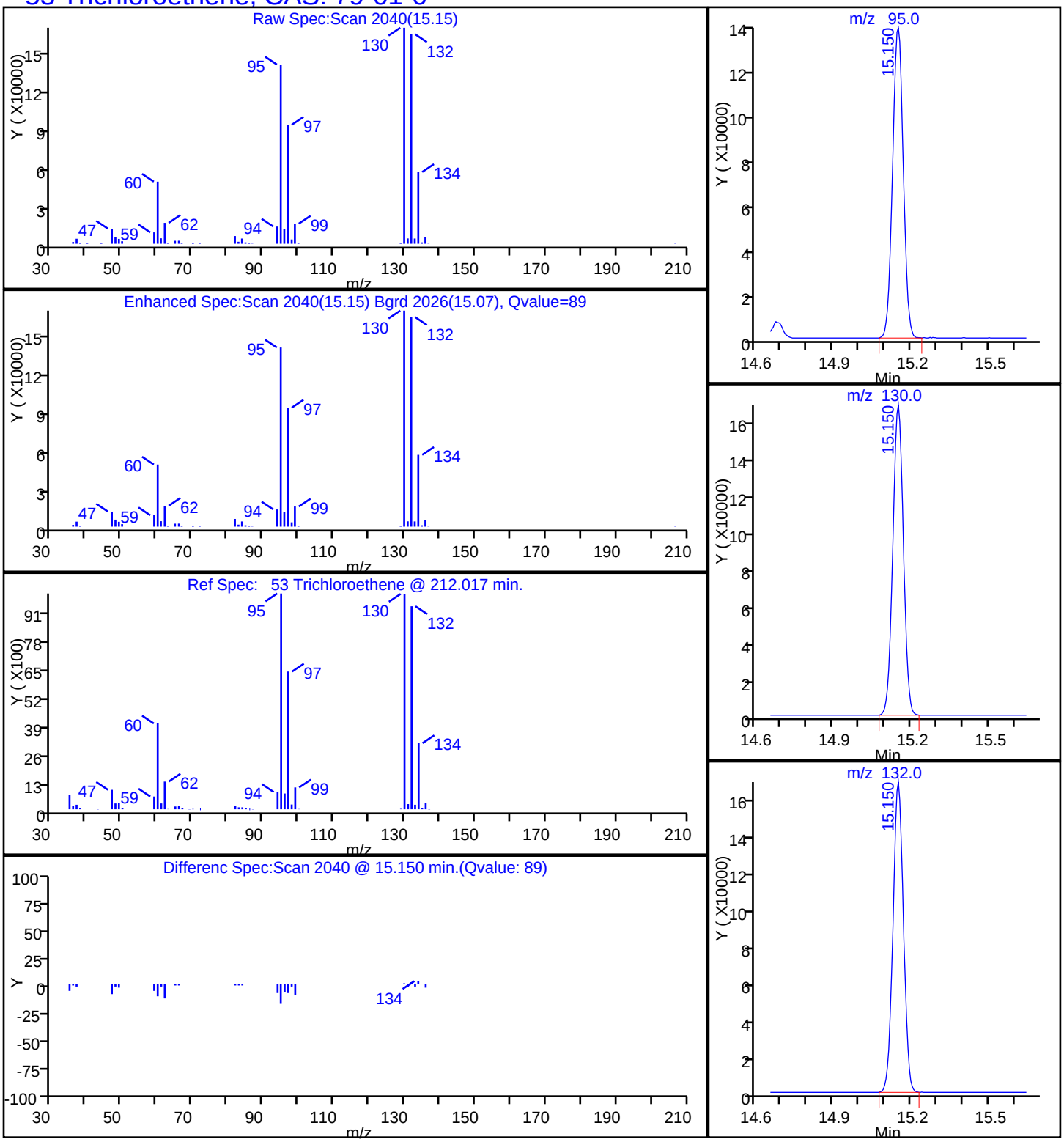


Report Date: 30-Jan-2015 09:12:09 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 Trichloroethene, CAS: 79-01-6



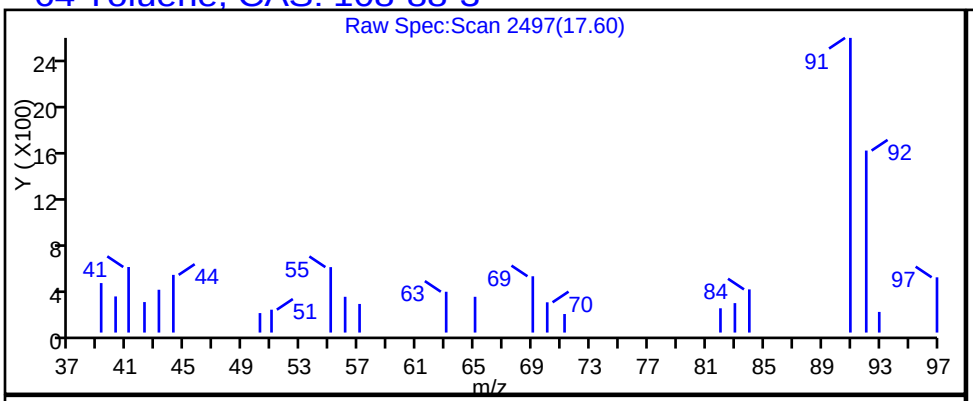
Report Date: 30-Jan-2015 09:12:09 Chrom Revision: 2.2 15-Jan-2015 13:05:58

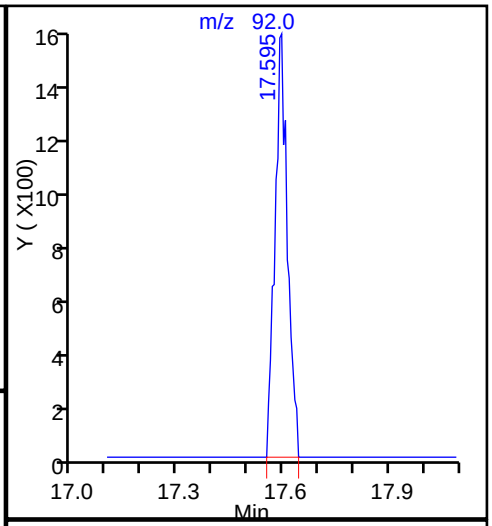
TestAmerica Burlington

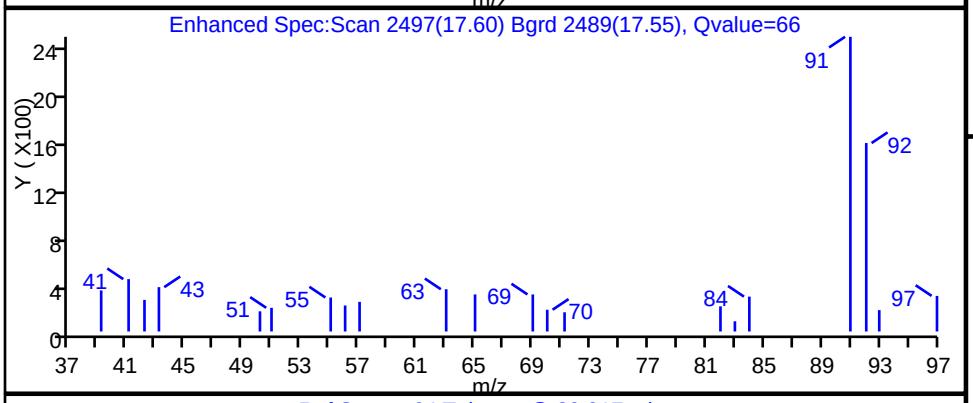
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

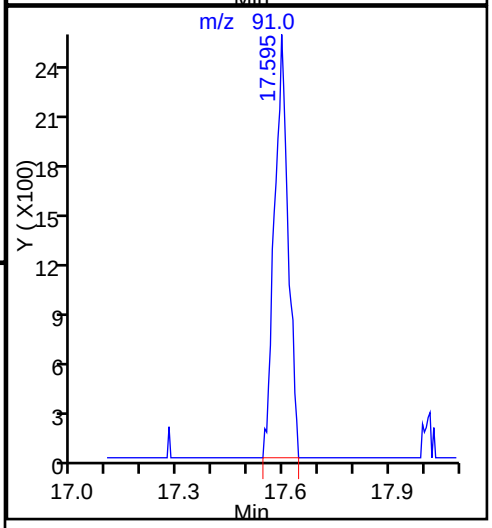
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

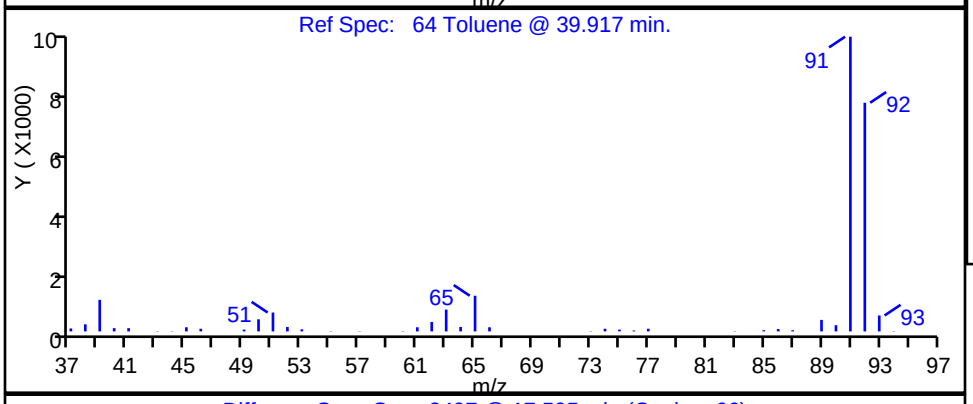
64 Toluene, CAS: 108-88-3

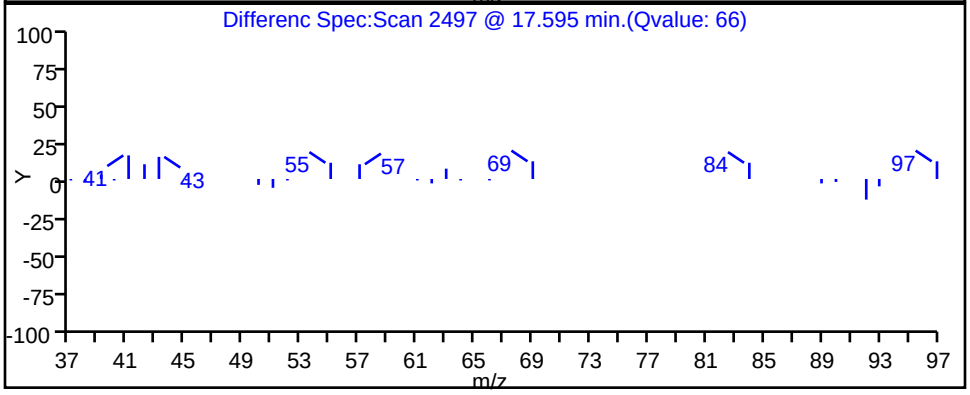












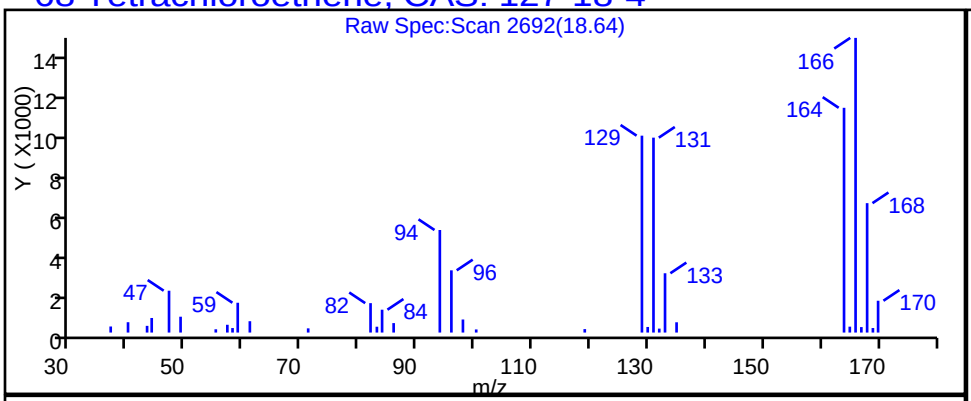
Report Date: 30-Jan-2015 09:12:09 Chrom Revision: 2.2 15-Jan-2015 13:05:58

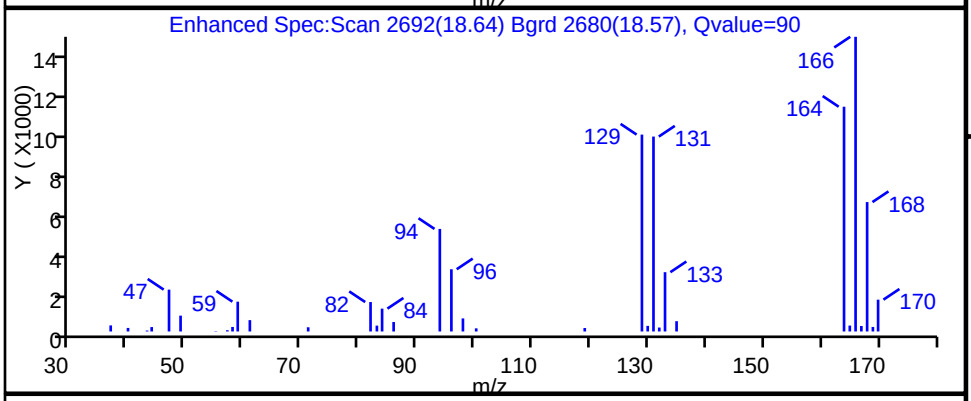
TestAmerica Burlington

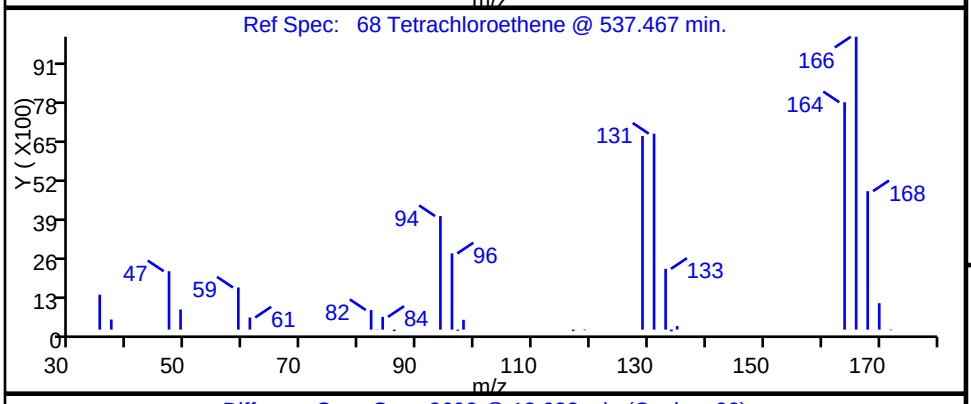
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

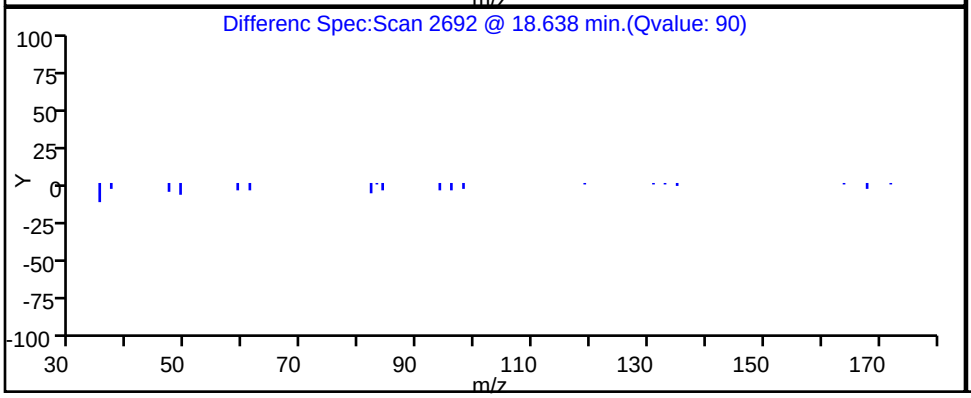
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2
Client ID:	785786CA01LA		
Operator ID:	bpl	ALS Bottle#:	5 Worklist Smp#: 6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

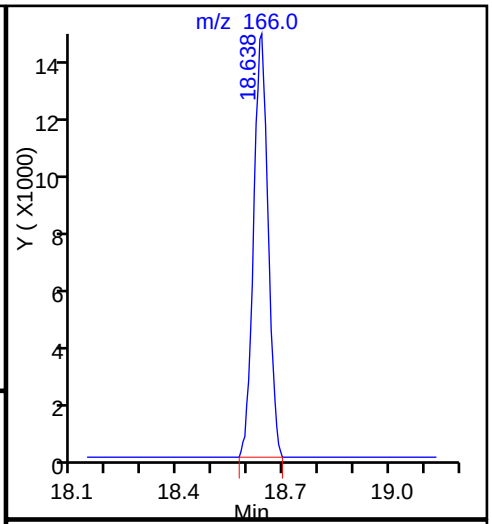
68 Tetrachloroethene, CAS: 127-18-4

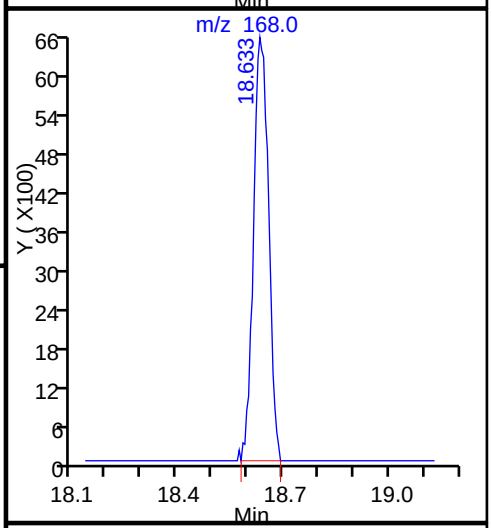


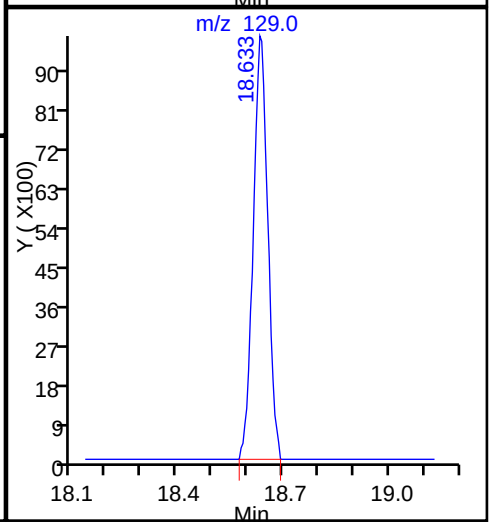








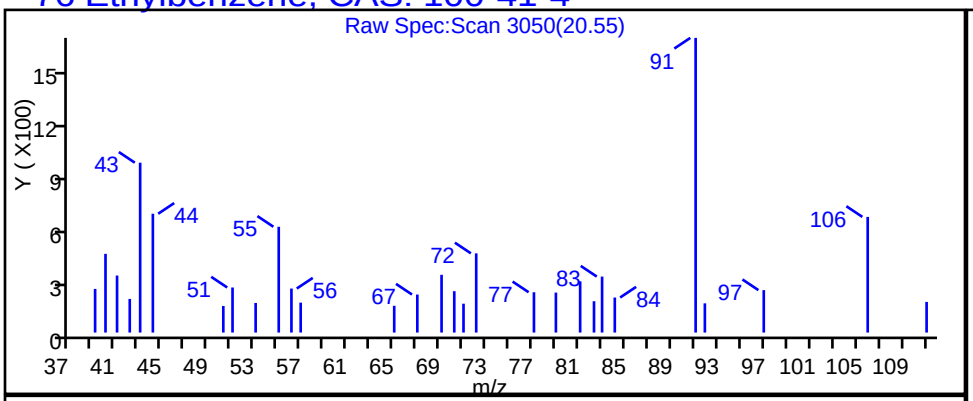


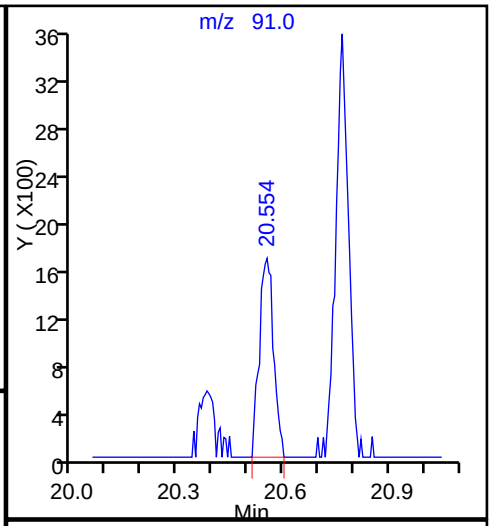


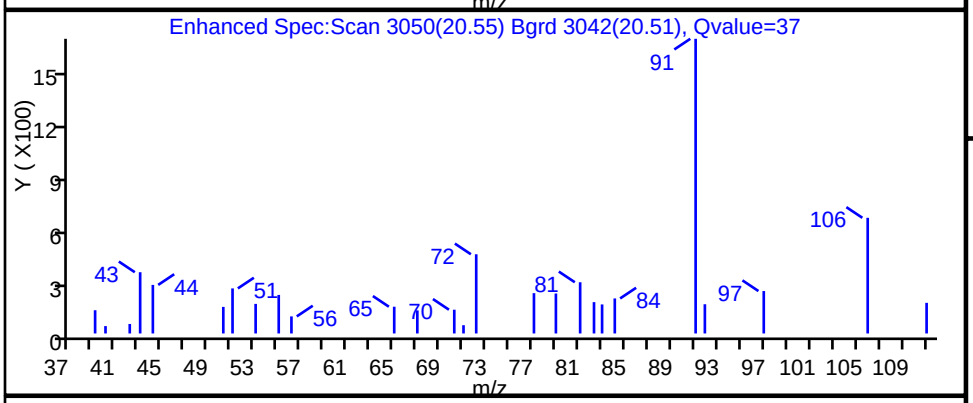
TestAmerica Burlington

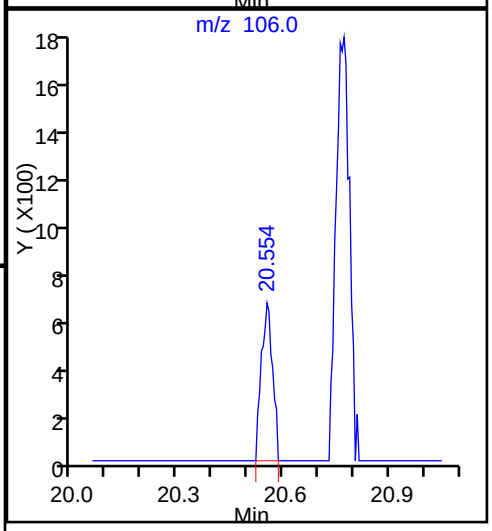
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

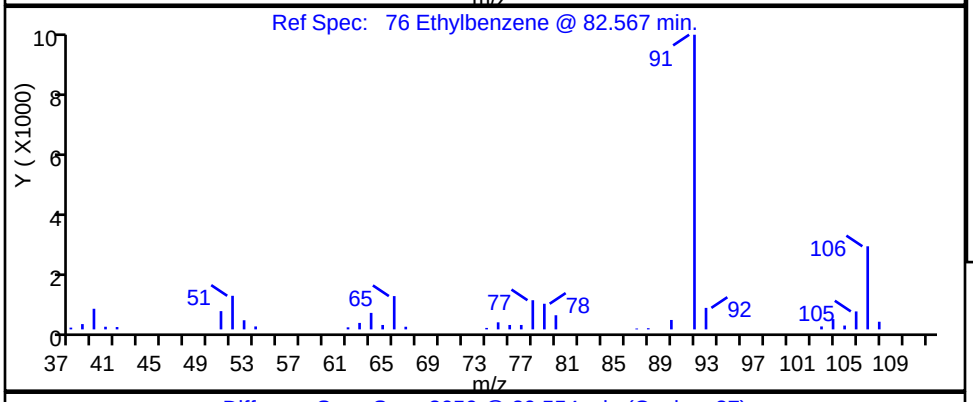
76 Ethylbenzene, CAS: 100-41-4

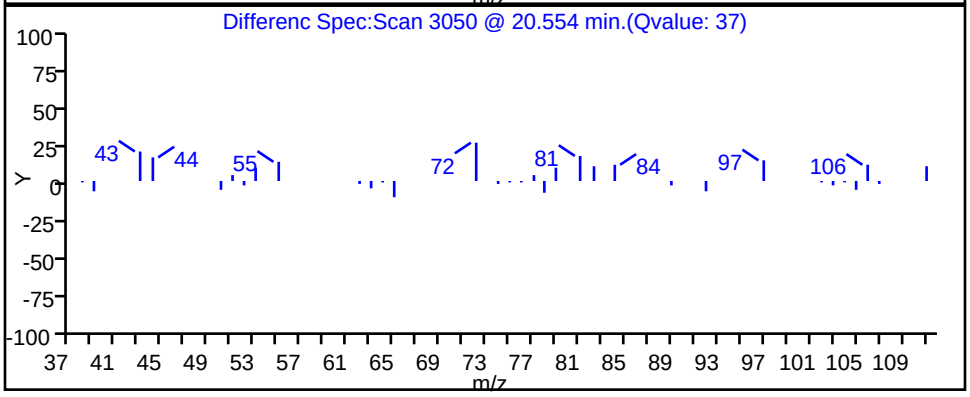












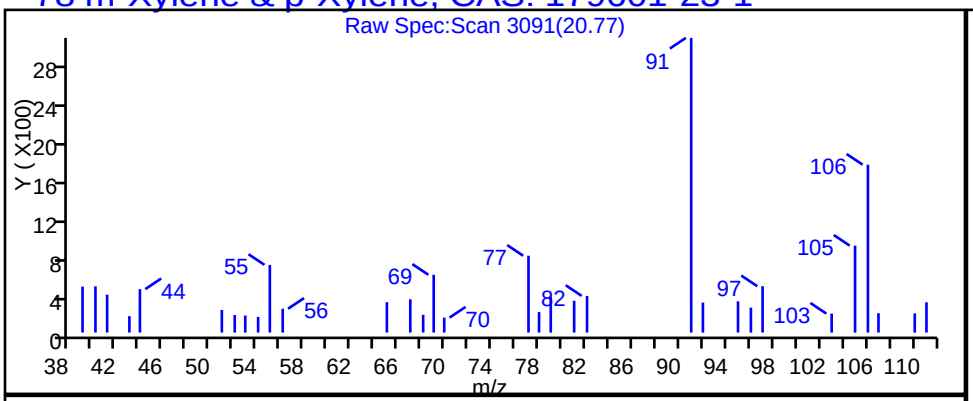
Report Date: 30-Jan-2015 09:12:09 Chrom Revision: 2.2 15-Jan-2015 13:05:58

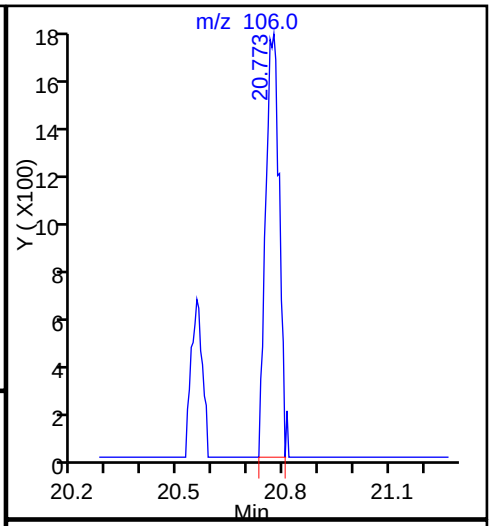
TestAmerica Burlington

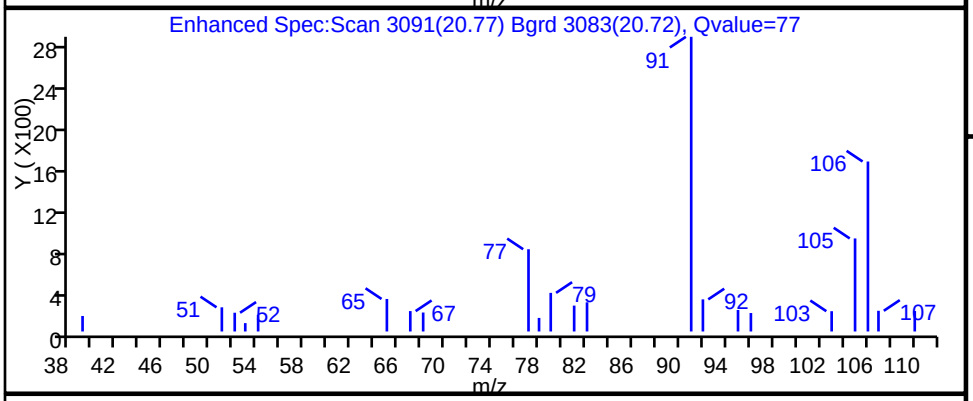
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

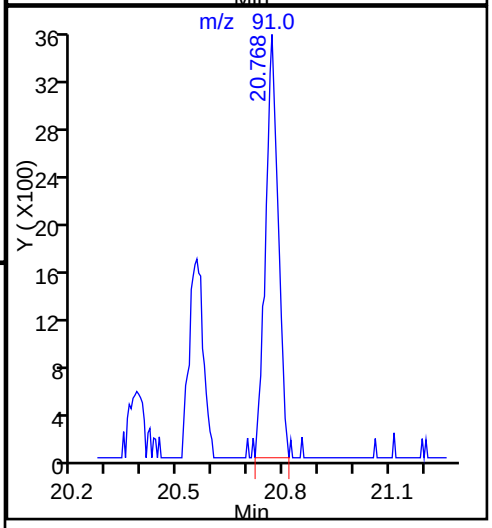
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

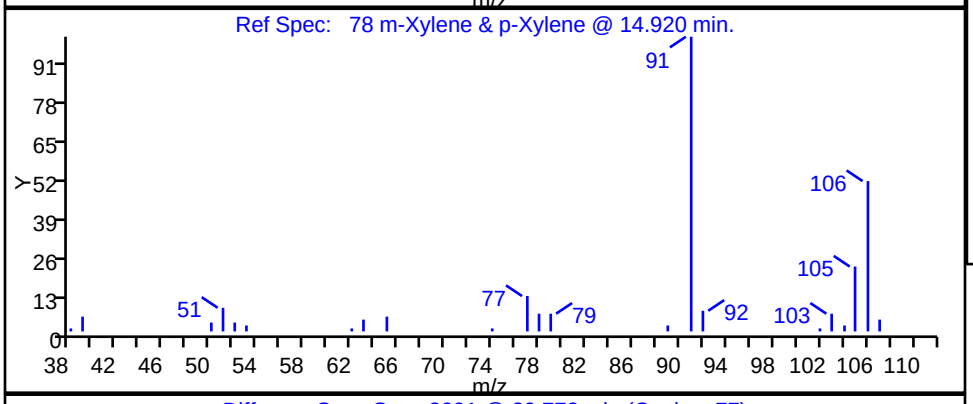
78 m-Xylene & p-Xylene, CAS: 179601-23-1

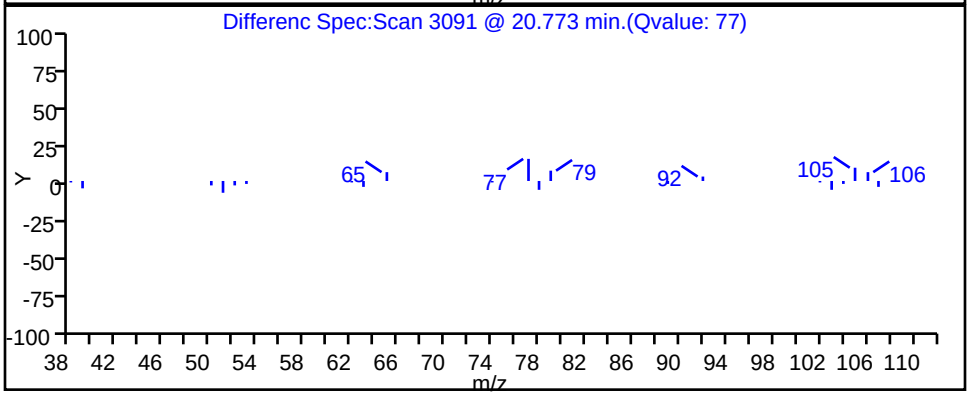












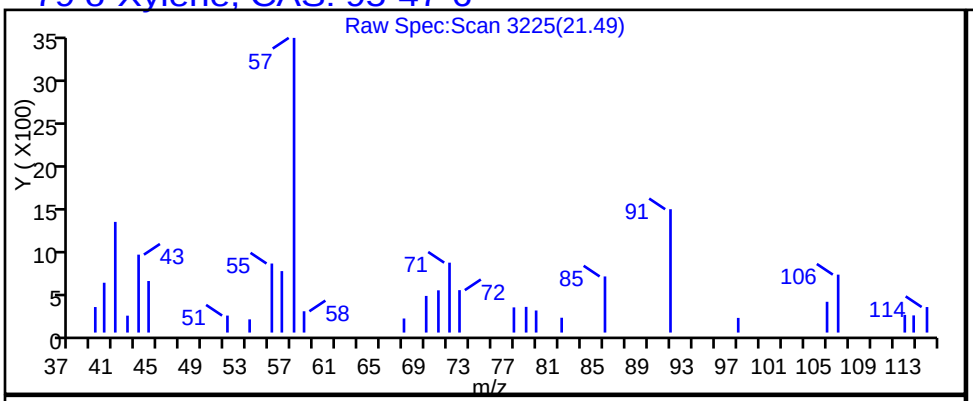
Report Date: 30-Jan-2015 09:12:09 Chrom Revision: 2.2 15-Jan-2015 13:05:58

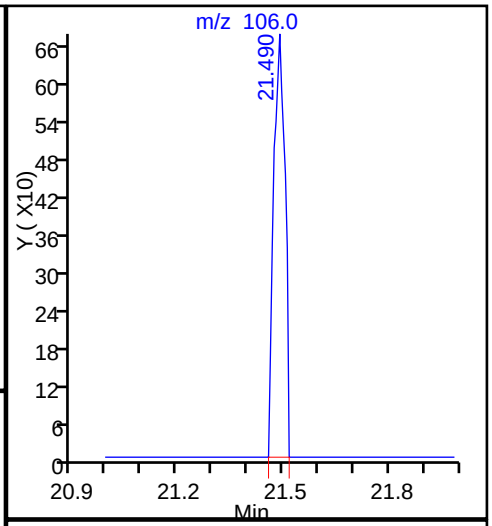
TestAmerica Burlington

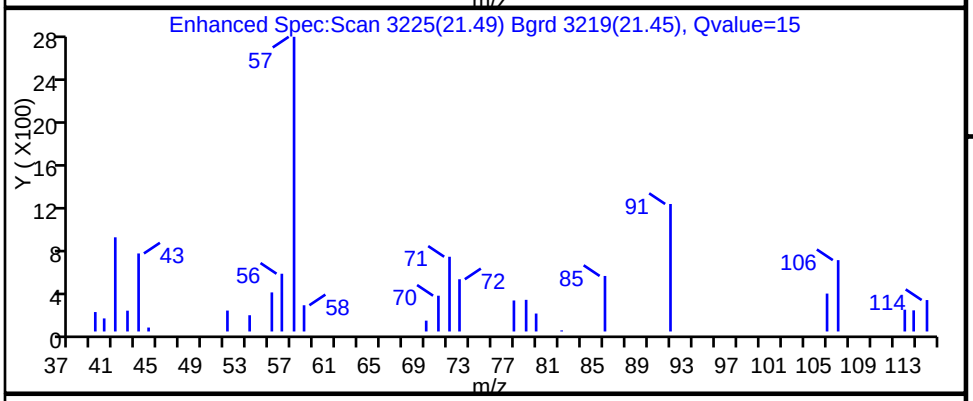
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

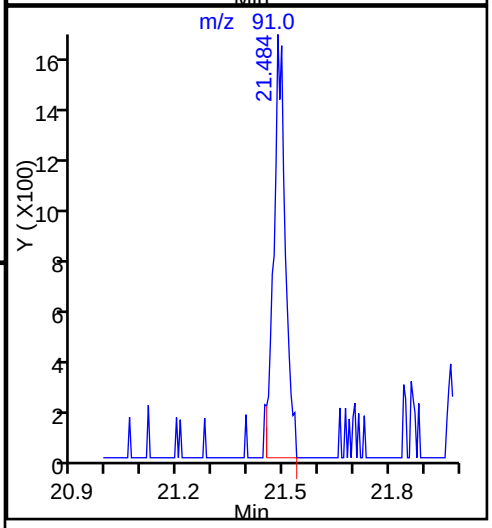
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

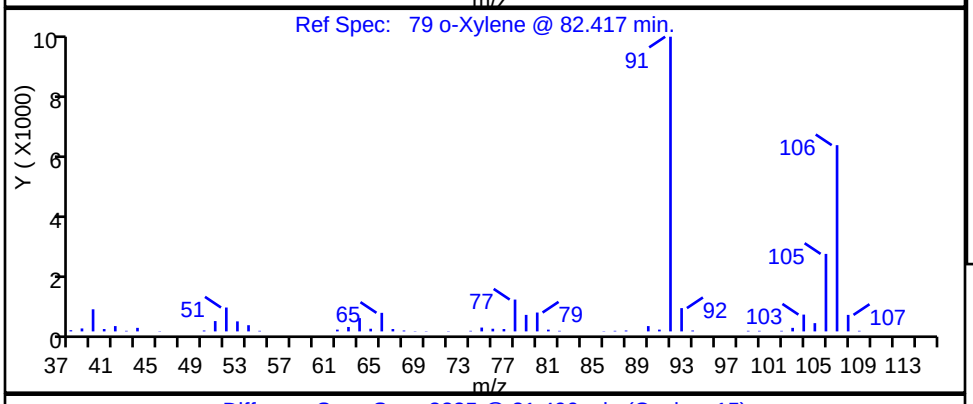
79 o-Xylene, CAS: 95-47-6

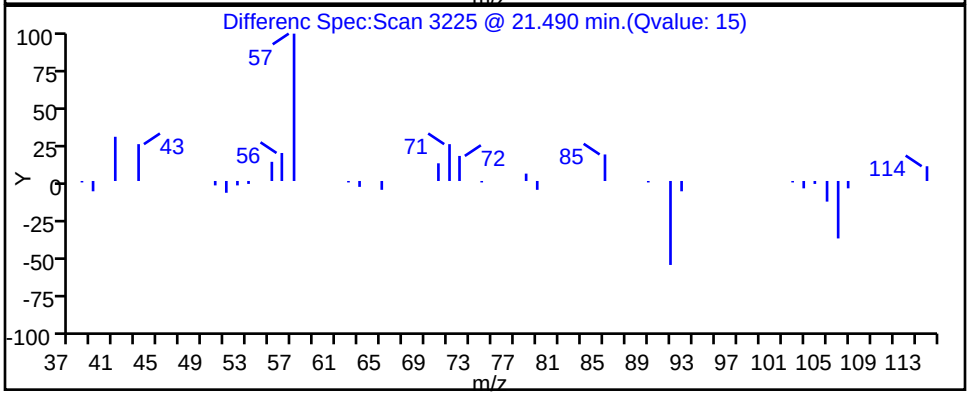












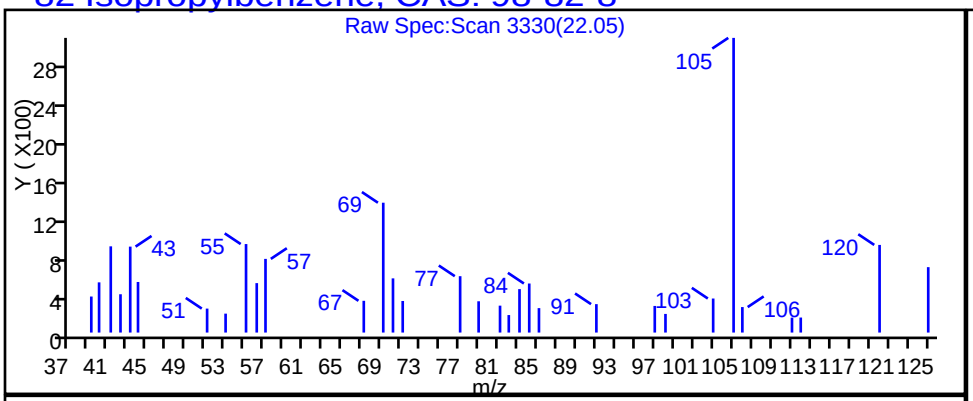
Report Date: 30-Jan-2015 09:12:09 Chrom Revision: 2.2 15-Jan-2015 13:05:58

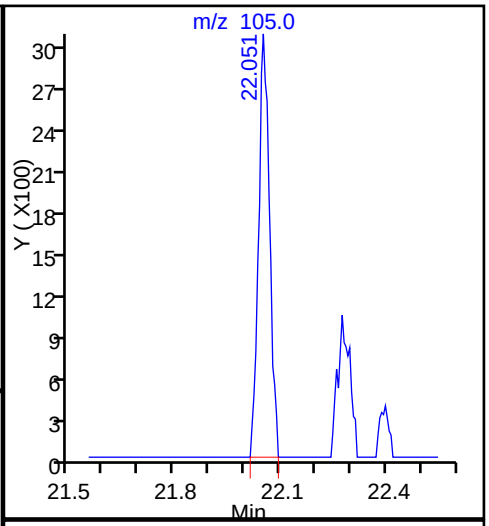
TestAmerica Burlington

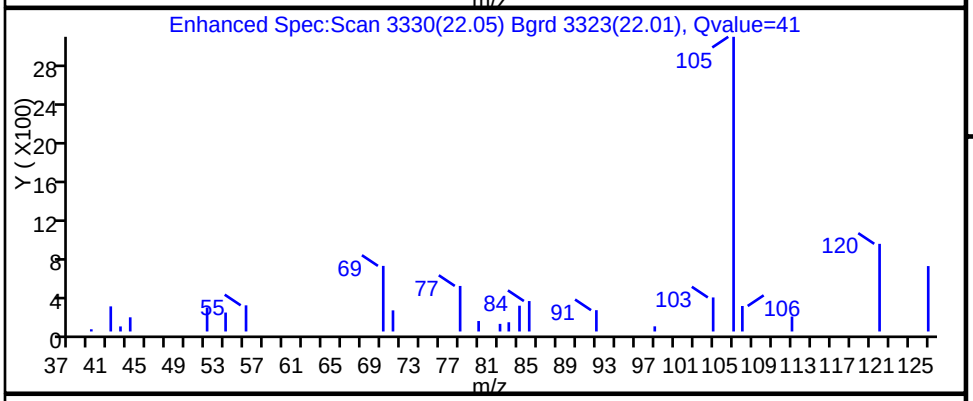
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

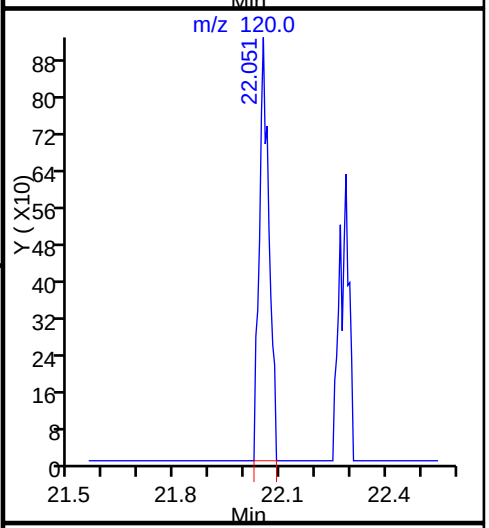
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

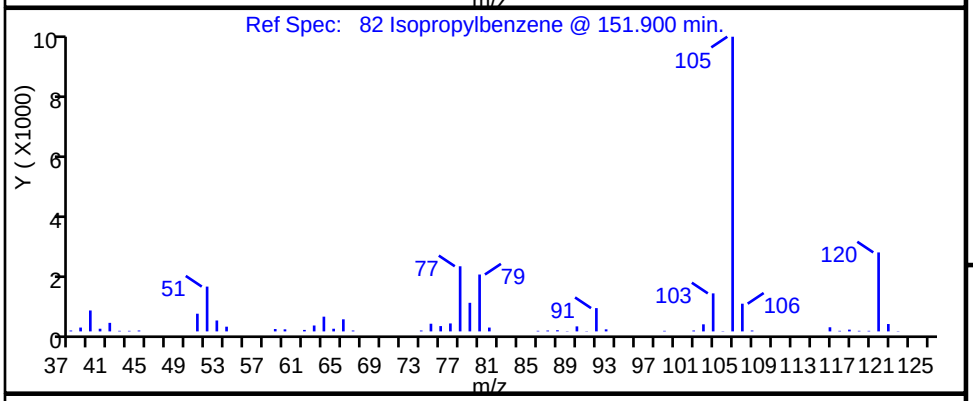
82 Isopropylbenzene, CAS: 98-82-8

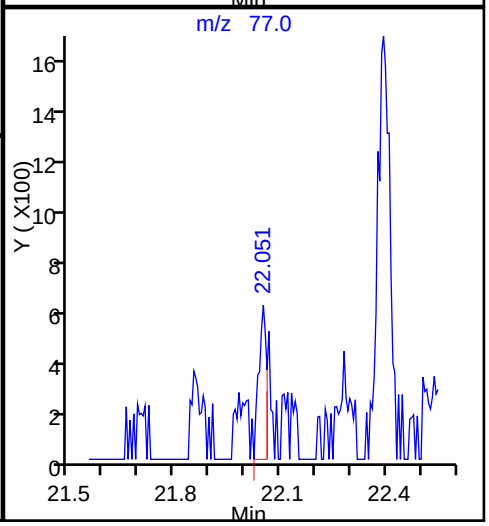


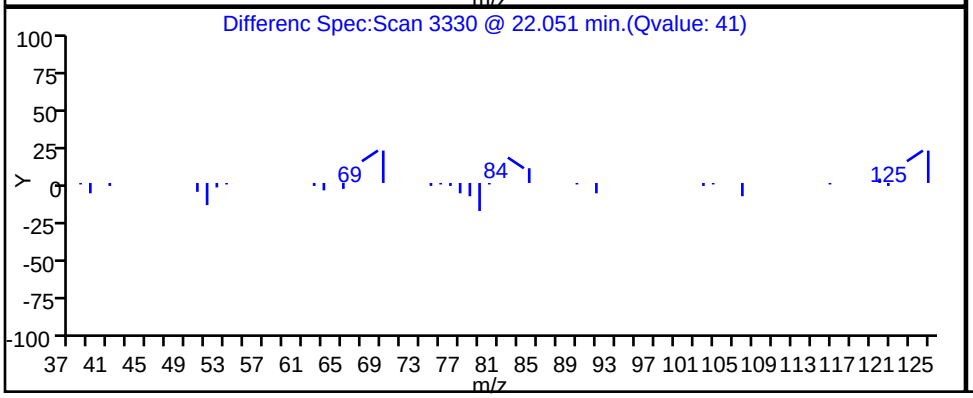








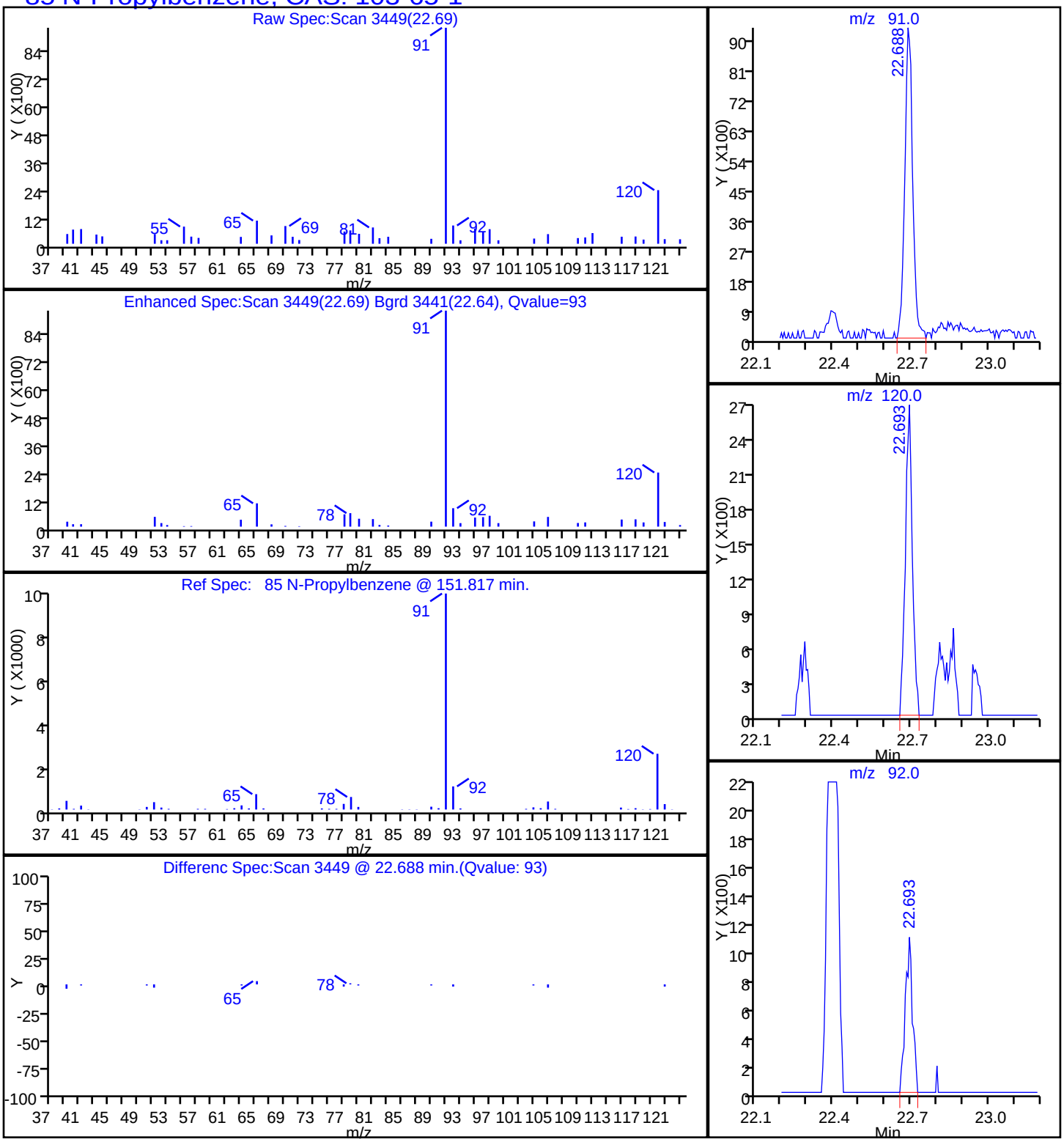




TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1



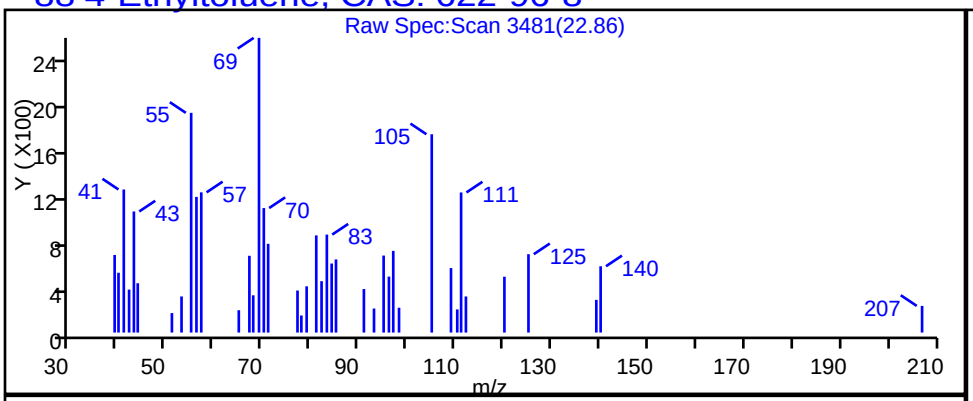
Report Date: 30-Jan-2015 09:12:09 Chrom Revision: 2.2 15-Jan-2015 13:05:58

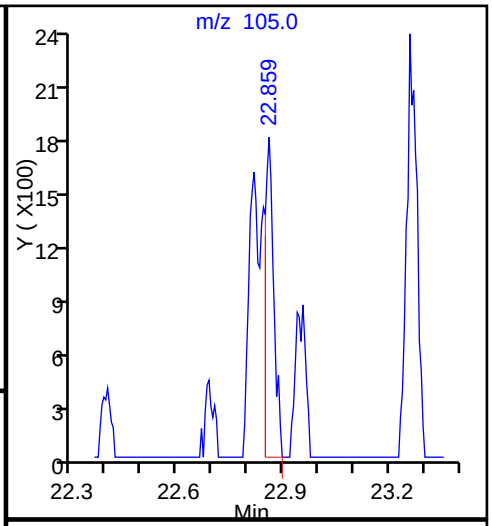
TestAmerica Burlington

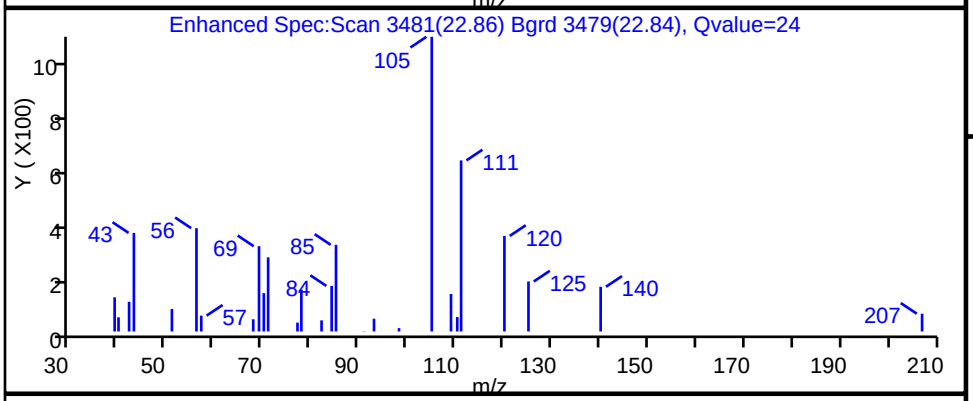
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

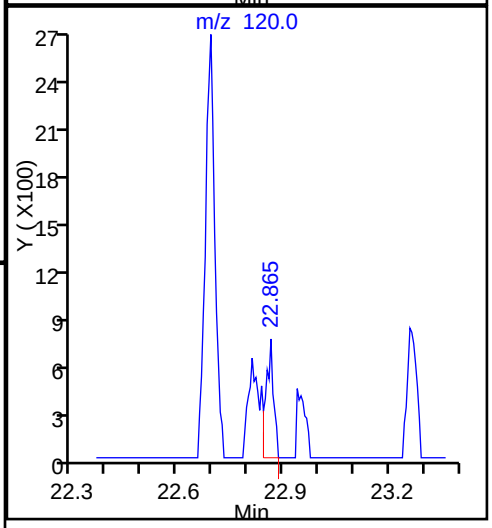
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2
Client ID:	785786CA01LA		
Operator ID:	bpl	ALS Bottle#:	5 Worklist Smp#: 6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

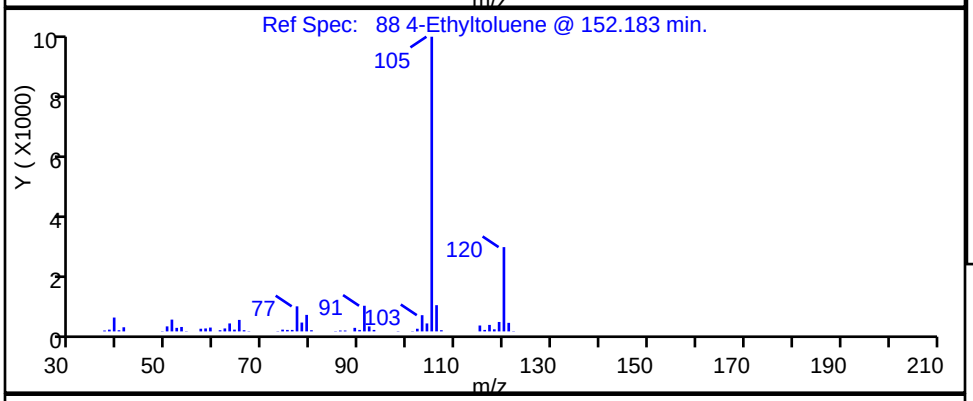
88 4-Ethyltoluene, CAS: 622-96-8

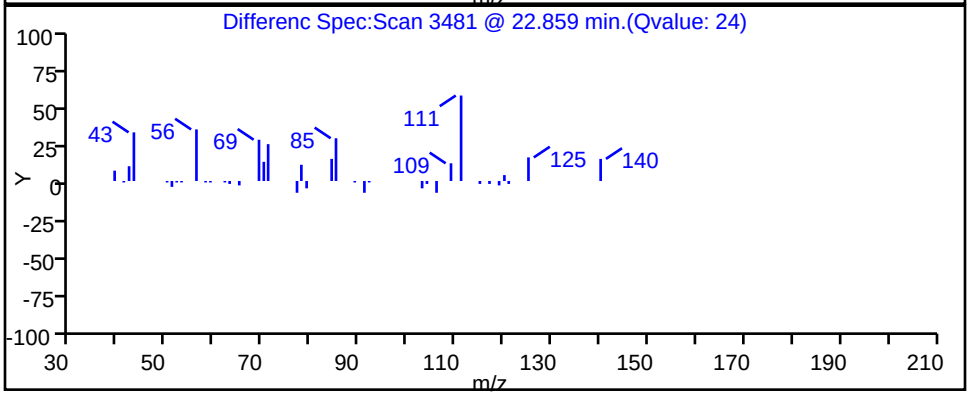












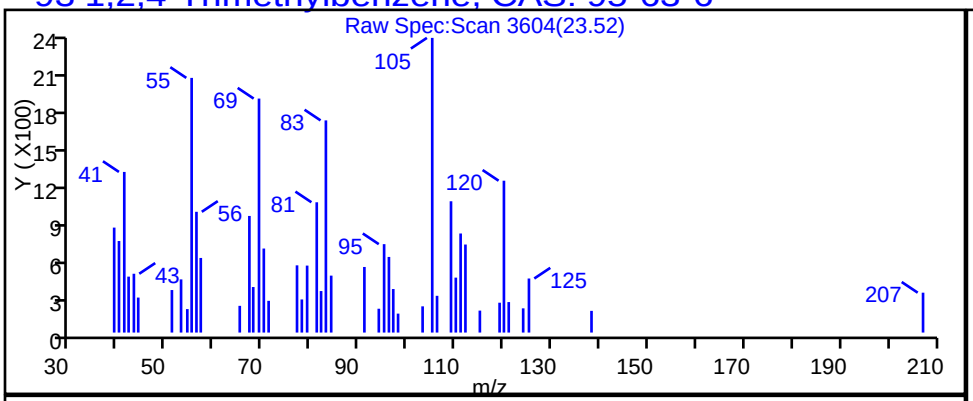
Report Date: 30-Jan-2015 09:12:09 Chrom Revision: 2.2 15-Jan-2015 13:05:58

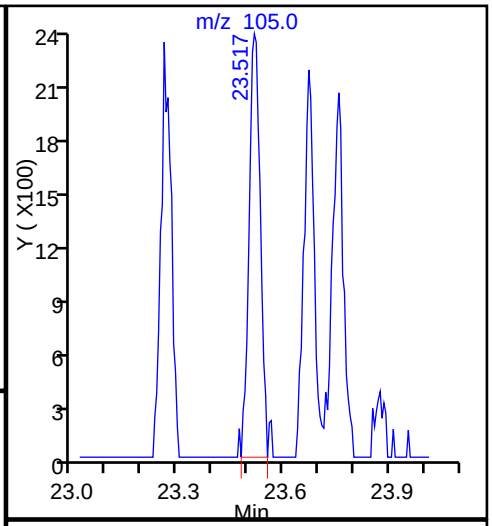
TestAmerica Burlington

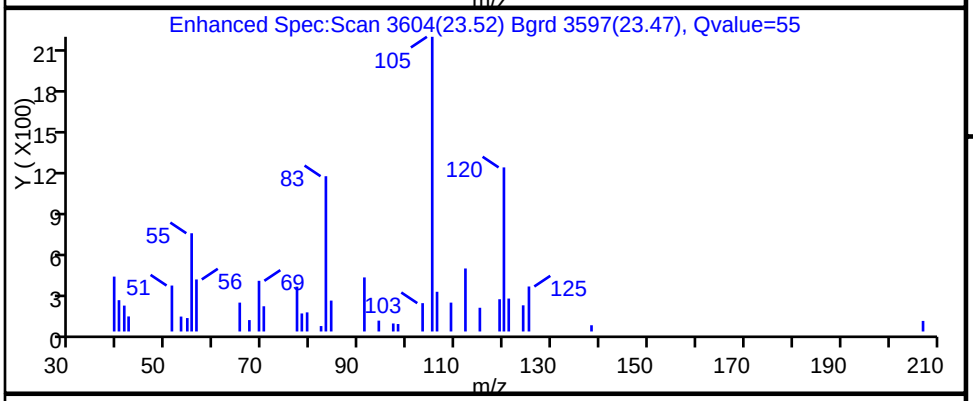
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d

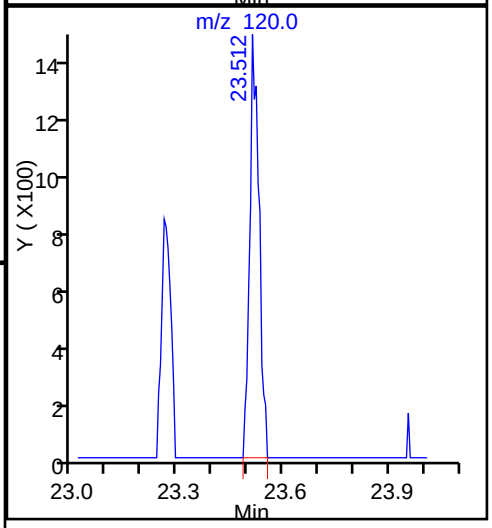
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

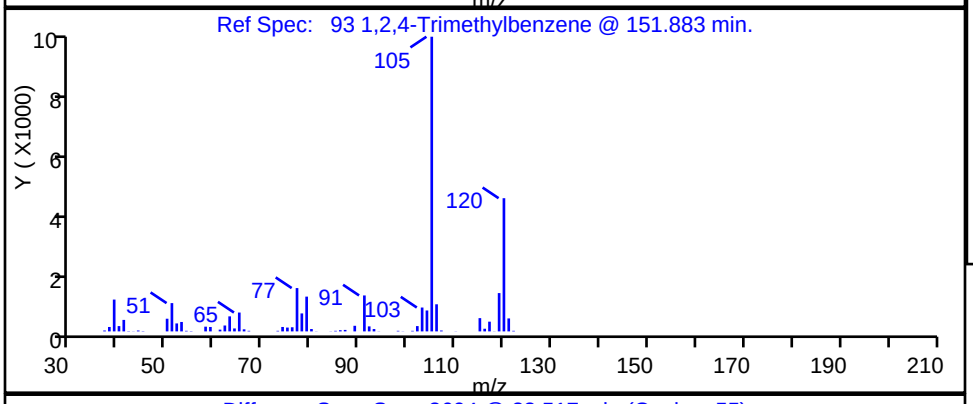
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

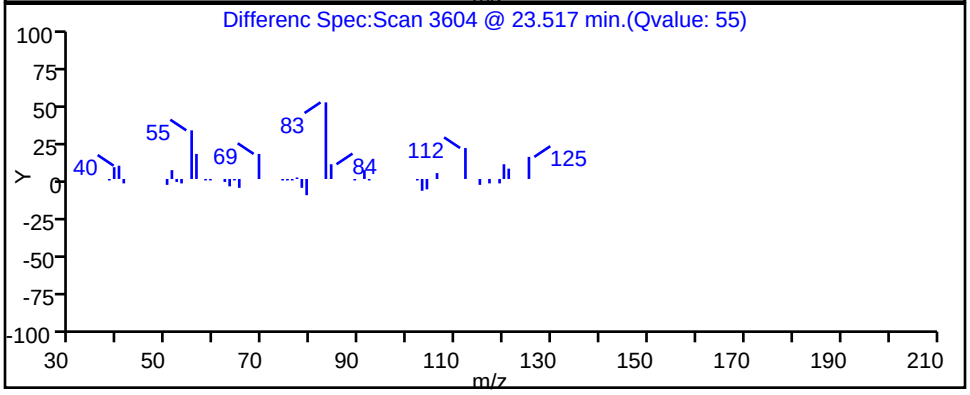












Manual Integration/User Assign Peak Report

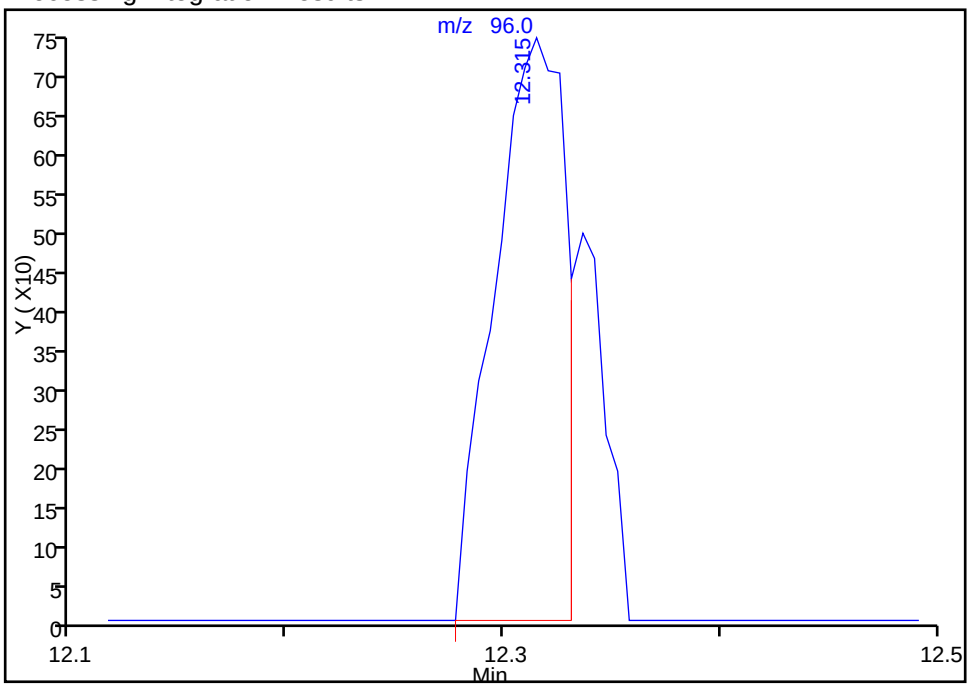
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 cis-1,2-Dichloroethene, CAS: 156-59-2

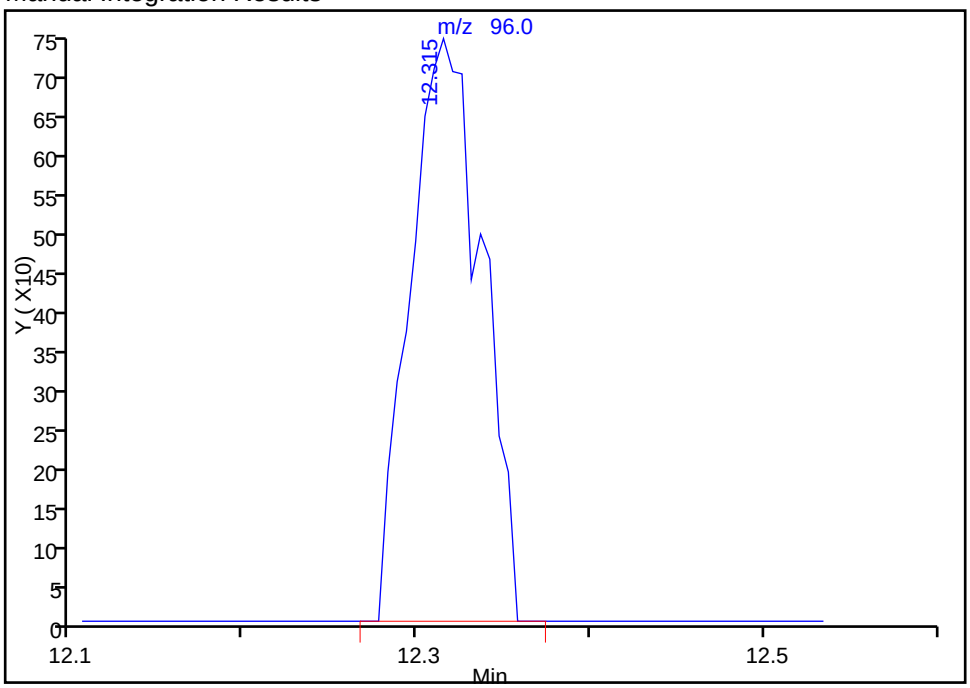
Processing Integration Results

RT: 12.32
Area: 1691
Amount: 0.071336
Amount Units: ppb v/v



Manual Integration Results

RT: 12.32
Area: 2134
Amount: 0.090024
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:45:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

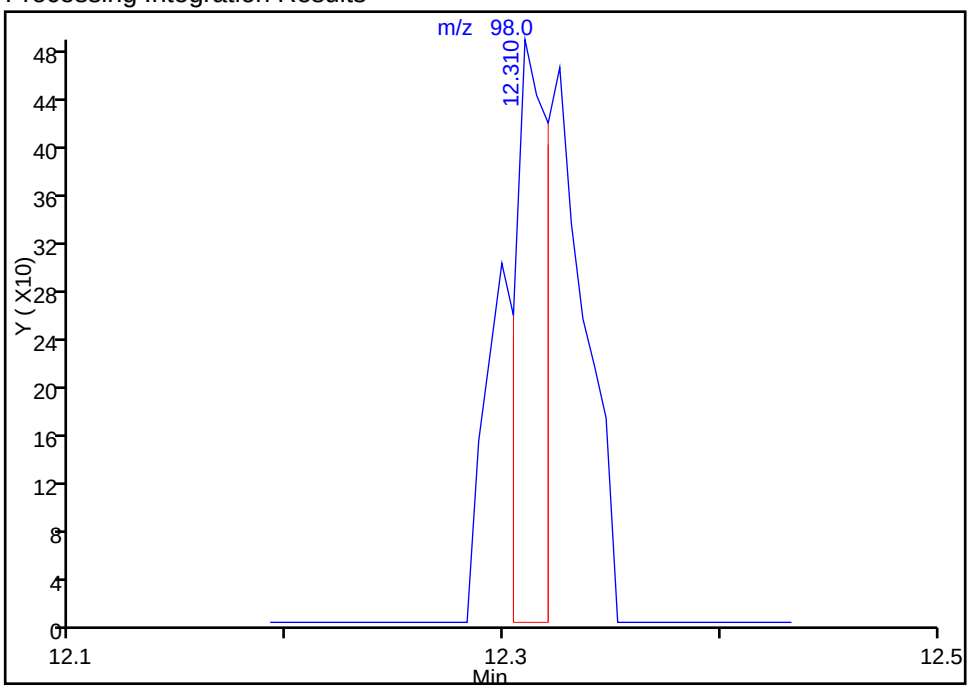
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 cis-1,2-Dichloroethene, CAS: 156-59-2

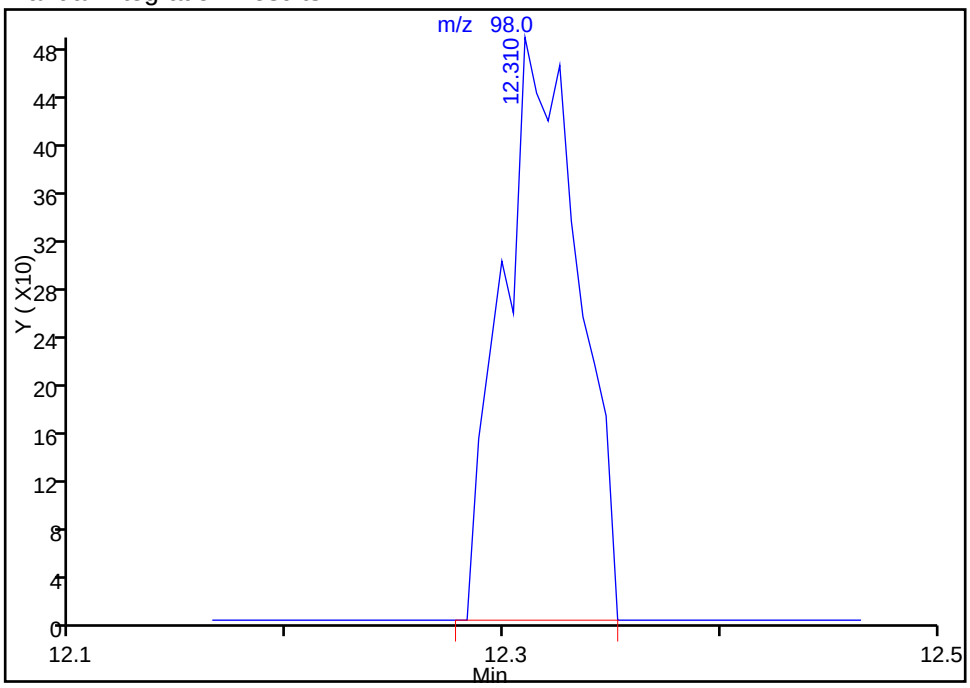
Processing Integration Results

RT: 12.31
Area: 509
Amount: 0.071336
Amount Units: ppb v/v



Manual Integration Results

RT: 12.31
Area: 1180
Amount: 0.090024
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:45:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

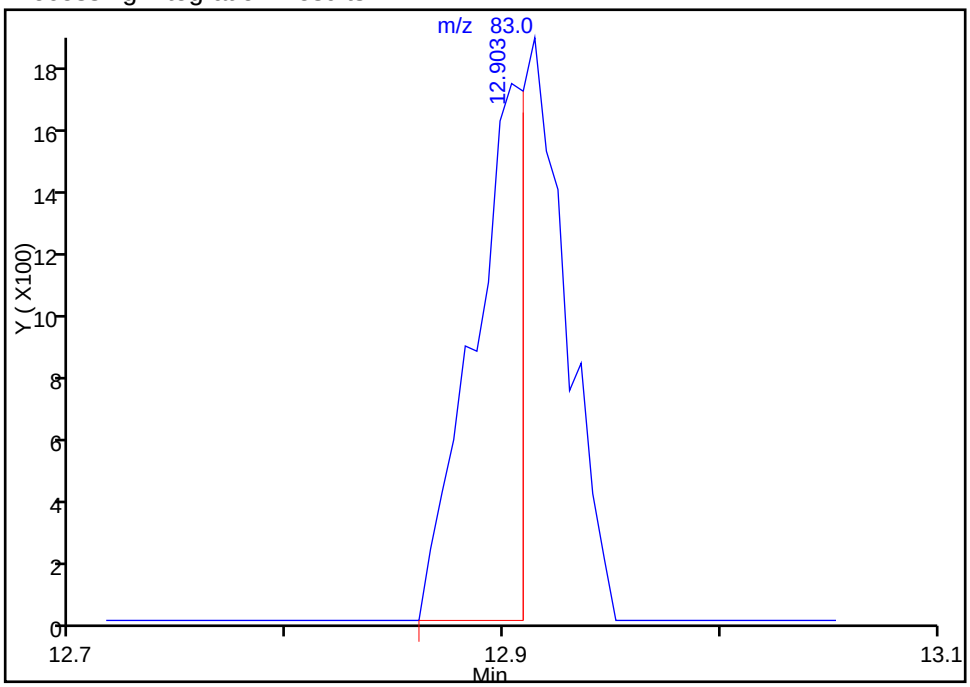
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Chloroform, CAS: 67-66-3

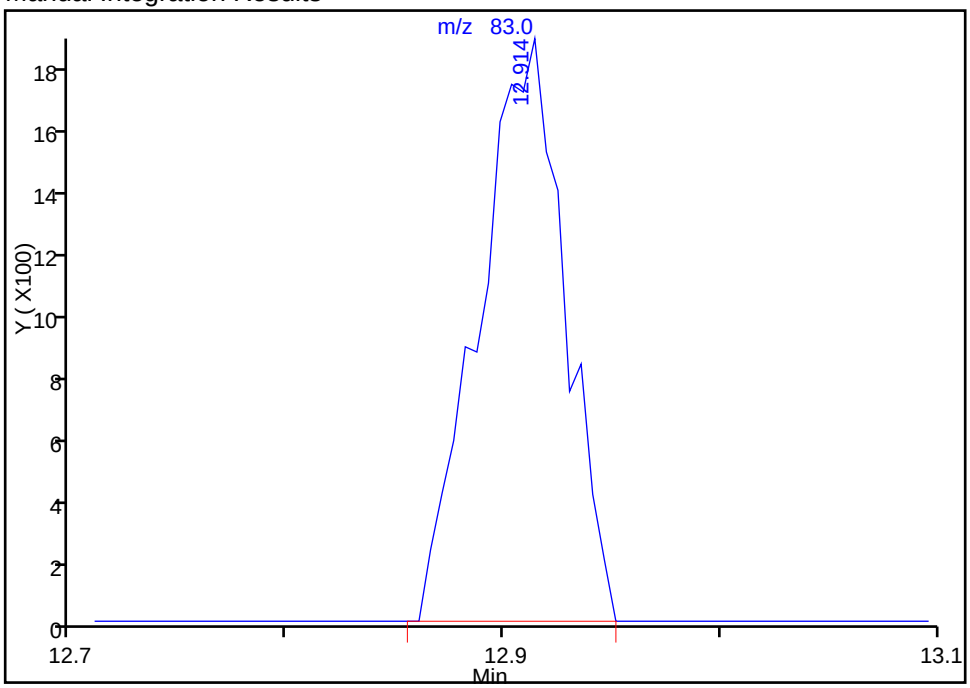
Processing Integration Results

RT: 12.90
Area: 2953
Amount: 0.077563
Amount Units: ppb v/v



Manual Integration Results

RT: 12.91
Area: 5208
Amount: 0.136793
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:45:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

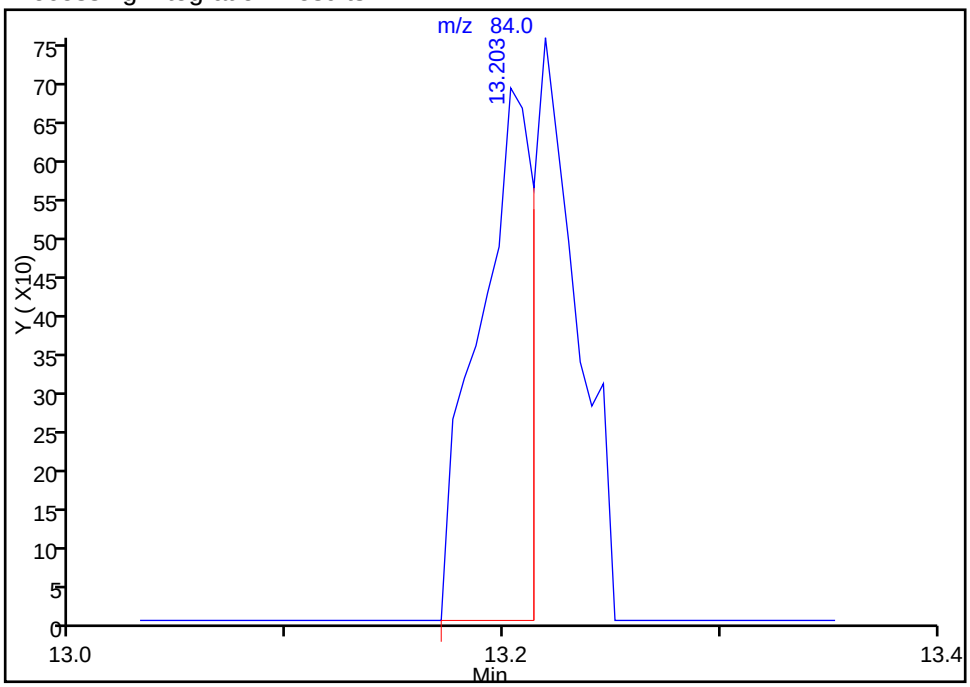
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

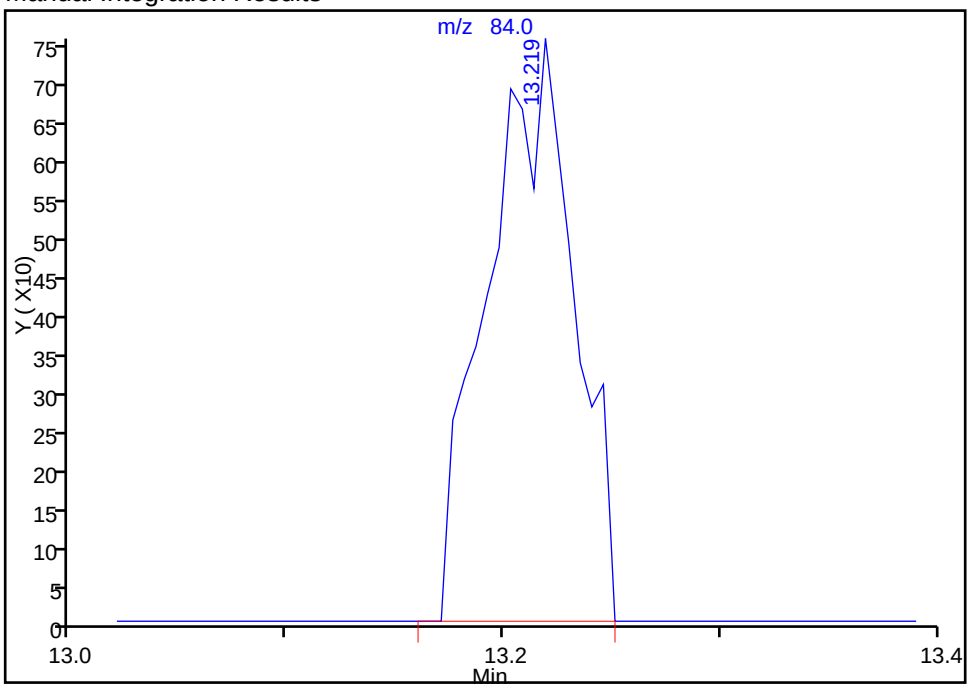
Processing Integration Results

RT: 13.20
Area: 1202
Amount: 0.040365
Amount Units: ppb v/v



Manual Integration Results

RT: 13.22
Area: 2095
Amount: 0.070352
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:45:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

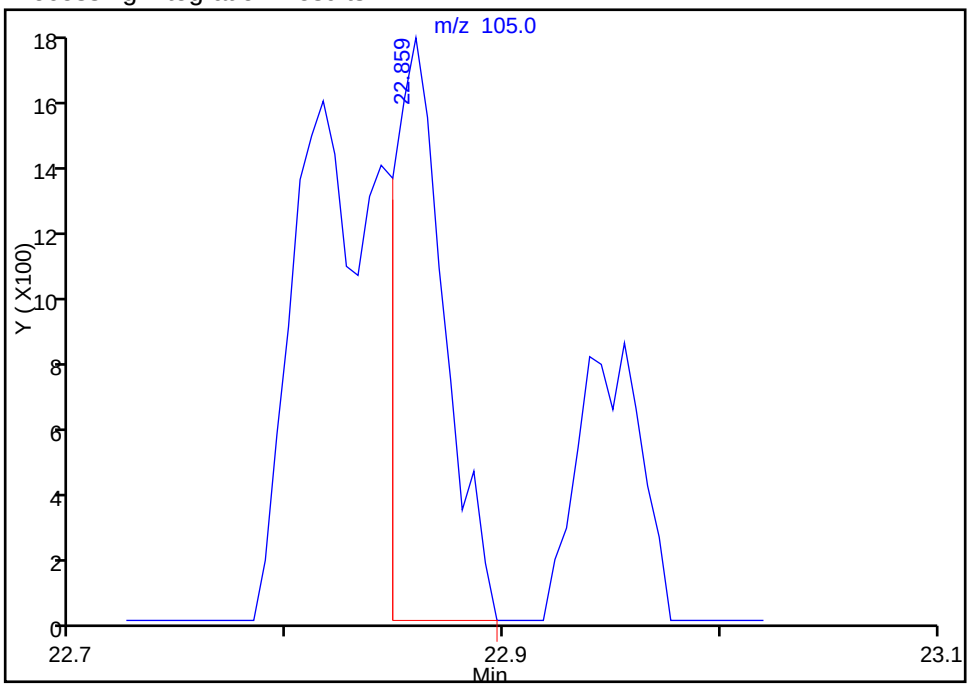
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_006.d				
Injection Date:	29-Jan-2015 14:49:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-2	Lab Sample ID:	200-64806-2		
Client ID:	785786CA01LA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,3,5-Trimethylbenzene, CAS: 108-67-8

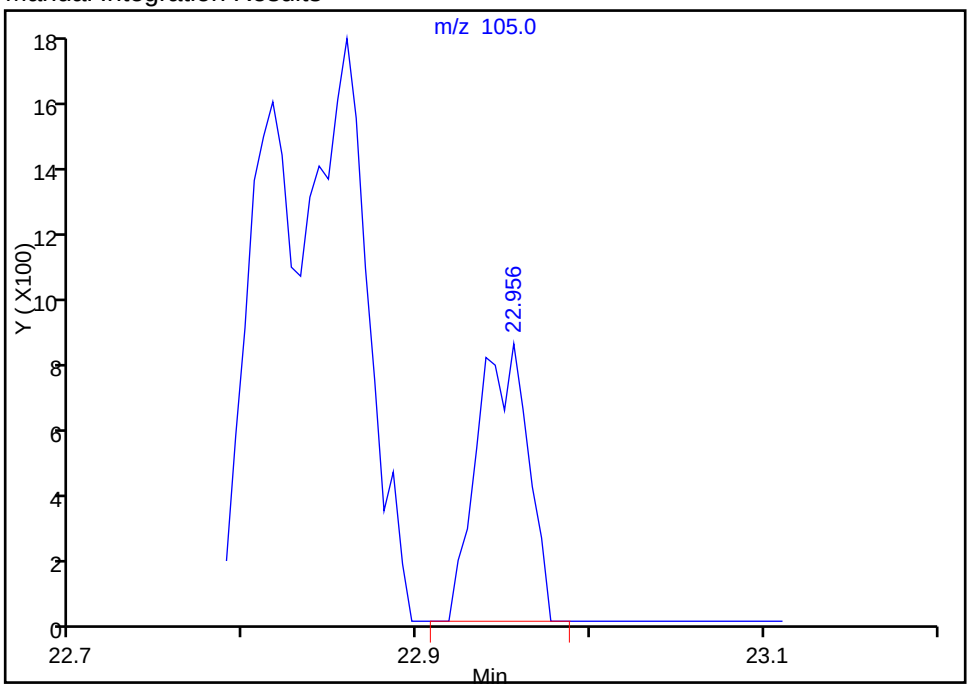
Processing Integration Results

RT: 22.86
Area: 2838
Amount: 0.025296
Amount Units: ppb v/v



Manual Integration Results

RT: 22.96
Area: 1692
Amount: 0.015081
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:45:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0101FA Lab Sample ID: 280-64806-3

Matrix: Air Lab File ID: 11878_007.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:30

Sample wt/vol: 125(mL) Date Analyzed: 01/29/2015 15:38

Soil Aliquot Vol: Dilution Factor: 1.6

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.57	J D	0.80	0.090
75-45-6	Freon 22	86.47	0.62	J D	0.80	0.13
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.13	U	0.32	0.083
74-87-3	Chloromethane	50.49	0.47	J D	0.80	0.096
106-97-8	n-Butane	58.12	2.7	D	0.80	0.29
75-01-4	Vinyl chloride	62.50	0.048	U	0.32	0.042
106-99-0	1,3-Butadiene	54.09	0.13	U	0.32	0.058
74-83-9	Bromomethane	94.94	0.13	U	0.32	0.070
75-00-3	Chloroethane	64.52	0.13	U	0.80	0.098
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.048	U	0.32	0.032
75-69-4	Trichlorofluoromethane	137.37	0.90	D	0.32	0.072
76-13-1	Freon TF	187.38	0.096	J D	0.32	0.066
75-35-4	1,1-Dichloroethene	96.94	0.048	U	0.32	0.016
67-64-1	Acetone	58.08	37	D	8.0	1.1
67-63-0	Isopropyl alcohol	60.10	11	D	8.0	0.24
75-15-0	Carbon disulfide	76.14	0.65	J D	0.80	0.048
107-05-1	3-Chloropropene	76.53	0.32	U	0.80	0.26
75-09-2	Methylene Chloride	84.93	0.26	J D	0.80	0.19
75-65-0	tert-Butyl alcohol	74.12	0.32	U	8.0	0.19
1634-04-4	Methyl tert-butyl ether	88.15	0.048	U	0.32	0.035
156-60-5	trans-1,2-Dichloroethene	96.94	0.048	U	0.32	0.043
110-54-3	n-Hexane	86.17	0.23	J D	0.32	0.045
75-34-3	1,1-Dichloroethane	98.96	0.048	U	0.32	0.045
78-93-3	Methyl Ethyl Ketone	72.11	23	D	0.80	0.15
156-59-2	cis-1,2-Dichloroethene	96.94	0.13	U	0.32	0.048
540-59-0	1,2-Dichloroethene, Total	96.94	0.13	U	0.32	0.085
67-66-3	Chloroform	119.38	28	D	0.32	0.061
109-99-9	Tetrahydrofuran	72.11	49	D	8.0	0.29
71-55-6	1,1,1-Trichloroethane	133.41	0.21	J D M	0.32	0.048
110-82-7	Cyclohexane	84.16	0.092	J D M	0.32	0.016
56-23-5	Carbon tetrachloride	153.81	0.13	J D	0.32	0.018
540-84-1	2,2,4-Trimethylpentane	114.23	0.078	J D	0.32	0.037
71-43-2	Benzene	78.11	0.26	J D	0.32	0.046
107-06-2	1,2-Dichloroethane	98.96	0.13	U	0.32	0.083

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0101FA Lab Sample ID: 280-64806-3

Matrix: Air Lab File ID: 11878_007.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:30

Sample wt/vol: 125(mL) Date Analyzed: 01/29/2015 15:38

Soil Aliquot Vol: Dilution Factor: 1.6

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.14	J D M	0.32	0.059
79-01-6	Trichloroethene	131.39	11	D	0.32	0.048
80-62-6	Methyl methacrylate	100.12	0.32	U	0.80	0.15
78-87-5	1,2-Dichloropropane	112.99	0.13	U	0.32	0.056
123-91-1	1,4-Dioxane	88.11	0.32	U	8.0	0.26
75-27-4	Bromodichloromethane	163.83	0.11	J D M	0.32	0.046
10061-01-5	cis-1,3-Dichloropropene	110.97	0.048	U	0.32	0.046
108-10-1	methyl isobutyl ketone	100.16	0.56	J D	0.80	0.29
108-88-3	Toluene	92.14	3.2	D	0.32	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.048	U	0.32	0.042
79-00-5	1,1,2-Trichloroethane	133.41	0.13	U	0.32	0.059
127-18-4	Tetrachloroethene	165.83	0.048	U	0.32	0.048
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.32	U	0.80	0.27
124-48-1	Dibromochloromethane	208.29	0.048	U	0.32	0.032
106-93-4	1,2-Dibromoethane	187.87	0.048	U	0.32	0.029
108-90-7	Chlorobenzene	112.56	0.048	U	0.32	0.029
100-41-4	Ethylbenzene	106.17	0.44	D	0.32	0.032
179601-23-1	m,p-Xylene	106.17	1.7	D	0.80	0.040
95-47-6	Xylene, o-	106.17	0.70	D	0.32	0.029
1330-20-7	Xylene (total)	106.17	2.4		0.32	0.066
100-42-5	Styrene	104.15	0.38	D	0.32	0.026
75-25-2	Bromoform	252.75	0.048	U	0.32	0.040
98-82-8	Cumene	120.19	0.078	J D	0.32	0.030
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.32	0.054
103-65-1	n-Propylbenzene	120.19	0.20	J D	0.32	0.043
622-96-8	4-Ethyltoluene	120.20	0.29	J D	0.32	0.032
108-67-8	1,3,5-Trimethylbenzene	120.20	0.26	J D	0.32	0.030
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.32	0.050
98-06-6	tert-Butylbenzene	134.22	0.048	U	0.32	0.032
95-63-6	1,2,4-Trimethylbenzene	120.20	0.89	D	0.32	0.026
135-98-8	sec-Butylbenzene	134.22	0.048	U	0.32	0.034
99-87-6	4-Isopropyltoluene	134.22	0.048	U	0.32	0.032
541-73-1	1,3-Dichlorobenzene	147.00	0.048	U	0.32	0.032
106-46-7	1,4-Dichlorobenzene	147.00	0.048	U	0.32	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0101FA Lab Sample ID: 280-64806-3

Matrix: Air Lab File ID: 11878_007.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:30

Sample wt/vol: 125(mL) Date Analyzed: 01/29/2015 15:38

Soil Aliquot Vol: Dilution Factor: 1.6

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.048	U	0.32	0.029
104-51-8	n-Butylbenzene	134.22	0.048	U	0.32	0.045
95-50-1	1,2-Dichlorobenzene	147.00	0.048	U	0.32	0.029
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.80	0.054
87-68-3	Hexachlorobutadiene	260.76	0.13	U	0.32	0.058
91-20-3	Naphthalene	128.17	0.11	J D	0.80	0.048

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0101FA Lab Sample ID: 280-64806-3

Matrix: Air Lab File ID: 11878_007.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:30

Sample wt/vol: 125(mL) Date Analyzed: 01/29/2015 15:38

Soil Aliquot Vol: Dilution Factor: 1.6

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.8	J D	4.0	0.44
75-45-6	Freon 22	86.47	2.2	J D	2.8	0.45
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.89	U	2.2	0.58
74-87-3	Chloromethane	50.49	0.97	J D	1.7	0.20
106-97-8	n-Butane	58.12	6.3	D	1.9	0.68
75-01-4	Vinyl chloride	62.50	0.12	U	0.82	0.11
106-99-0	1,3-Butadiene	54.09	0.28	U	0.71	0.13
74-83-9	Bromomethane	94.94	0.50	U	1.2	0.27
75-00-3	Chloroethane	64.52	0.34	U	2.1	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.21	U	1.4	0.14
75-69-4	Trichlorofluoromethane	137.37	5.1	D	1.8	0.40
76-13-1	Freon TF	187.38	0.74	J D	2.5	0.50
75-35-4	1,1-Dichloroethene	96.94	0.19	U	1.3	0.063
67-64-1	Acetone	58.08	88	D	19	2.6
67-63-0	Isopropyl alcohol	60.10	26	D	20	0.59
75-15-0	Carbon disulfide	76.14	2.0	J D	2.5	0.15
107-05-1	3-Chloropropene	76.53	1.0	U	2.5	0.80
75-09-2	Methylene Chloride	84.93	0.89	J D	2.8	0.67
75-65-0	tert-Butyl alcohol	74.12	0.97	U	24	0.58
1634-04-4	Methyl tert-butyl ether	88.15	0.17	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.19	U	1.3	0.17
110-54-3	n-Hexane	86.17	0.81	J D	1.1	0.16
75-34-3	1,1-Dichloroethane	98.96	0.19	U	1.3	0.18
78-93-3	Methyl Ethyl Ketone	72.11	68	D	2.4	0.43
156-59-2	cis-1,2-Dichloroethene	96.94	0.51	U	1.3	0.19
540-59-0	1,2-Dichloroethene, Total	96.94	0.51	U	1.3	0.34
67-66-3	Chloroform	119.38	140	D	1.6	0.30
109-99-9	Tetrahydrofuran	72.11	140	D	24	0.85
71-55-6	1,1,1-Trichloroethane	133.41	1.1	J D M	1.7	0.26
110-82-7	Cyclohexane	84.16	0.32	J D M	1.1	0.055
56-23-5	Carbon tetrachloride	153.81	0.83	J D	2.0	0.11
540-84-1	2,2,4-Trimethylpentane	114.23	0.36	J D	1.5	0.17
71-43-2	Benzene	78.11	0.84	J D	1.0	0.15
107-06-2	1,2-Dichloroethane	98.96	0.52	U	1.3	0.34

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0101FA Lab Sample ID: 280-64806-3

Matrix: Air Lab File ID: 11878_007.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:30

Sample wt/vol: 125(mL) Date Analyzed: 01/29/2015 15:38

Soil Aliquot Vol: Dilution Factor: 1.6

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.56	J D M	1.3	0.24
79-01-6	Trichloroethene	131.39	60	D	1.7	0.26
80-62-6	Methyl methacrylate	100.12	1.3	U	3.3	0.63
78-87-5	1,2-Dichloropropane	112.99	0.59	U	1.5	0.26
123-91-1	1,4-Dioxane	88.11	1.2	U	29	0.92
75-27-4	Bromodichloromethane	163.83	0.71	J D M	2.1	0.31
10061-01-5	cis-1,3-Dichloropropene	110.97	0.22	U	1.5	0.21
108-10-1	methyl isobutyl ketone	100.16	2.3	J D	3.3	1.2
108-88-3	Toluene	92.14	12	D	1.2	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.22	U	1.5	0.19
79-00-5	1,1,2-Trichloroethane	133.41	0.70	U	1.7	0.32
127-18-4	Tetrachloroethene	165.83	0.33	U	2.2	0.33
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.3	U	3.3	1.1
124-48-1	Dibromochloromethane	208.29	0.41	U	2.7	0.27
106-93-4	1,2-Dibromoethane	187.87	0.37	U	2.5	0.22
108-90-7	Chlorobenzene	112.56	0.22	U	1.5	0.13
100-41-4	Ethylbenzene	106.17	1.9	D	1.4	0.14
179601-23-1	m,p-Xylene	106.17	7.6	D	3.5	0.17
95-47-6	Xylene, o-	106.17	3.0	D	1.4	0.13
1330-20-7	Xylene (total)	106.17	10		1.4	0.28
100-42-5	Styrene	104.15	1.6	D	1.4	0.11
75-25-2	Bromoform	252.75	0.50	U	3.3	0.41
98-82-8	Cumene	120.19	0.38	J D	1.6	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.88	U	2.2	0.37
103-65-1	n-Propylbenzene	120.19	0.97	J D	1.6	0.21
622-96-8	4-Ethyltoluene	120.20	1.4	J D	1.6	0.16
108-67-8	1,3,5-Trimethylbenzene	120.20	1.3	J D	1.6	0.15
95-49-8	2-Chlorotoluene	126.59	0.66	U	1.7	0.26
98-06-6	tert-Butylbenzene	134.22	0.26	U	1.8	0.18
95-63-6	1,2,4-Trimethylbenzene	120.20	4.4	D	1.6	0.13
135-98-8	sec-Butylbenzene	134.22	0.26	U	1.8	0.18
99-87-6	4-Isopropyltoluene	134.22	0.26	U	1.8	0.18
541-73-1	1,3-Dichlorobenzene	147.00	0.29	U	1.9	0.19
106-46-7	1,4-Dichlorobenzene	147.00	0.29	U	1.9	0.18

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0101FA Lab Sample ID: 280-64806-3

Matrix: Air Lab File ID: 11878_007.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:30

Sample wt/vol: 125(mL) Date Analyzed: 01/29/2015 15:38

Soil Aliquot Vol: Dilution Factor: 1.6

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.25	U	1.7	0.15
104-51-8	n-Butylbenzene	134.22	0.26	U	1.8	0.25
95-50-1	1,2-Dichlorobenzene	147.00	0.29	U	1.9	0.17
120-82-1	1,2,4-Trichlorobenzene	181.45	0.95	U	5.9	0.40
87-68-3	Hexachlorobutadiene	260.76	1.4	U	3.4	0.61
91-20-3	Naphthalene	128.17	0.56	J D	4.2	0.25

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d
Lims ID: 280-64806-A-3 Lab Sample ID: 200-64806-3
Client ID: 101VMP0101FA
Sample Type: Client
Inject. Date: 29-Jan-2015 15:38:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.6000
Sample Info: 200-0011878-007
Misc. Info.: 280-64806-a-3
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 09:12:03 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 30-Jan-2015 08:48:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.456	4.478	-0.022	82	21371	0.3534	
3 Chlorodifluoromethane	51	4.526	4.547	-0.021	40	11361	0.3892	
4 1,2-Dichloro-1,1,2,2-tetra	85		4.836				ND	
5 Chloromethane	50	4.996	5.023	-0.027	70	5213	0.2949	
6 Butane	43	5.264	5.291	-0.027	92	48130	1.66	
7 Vinyl chloride	62		5.344				ND	
8 Butadiene	54		5.446				ND	
9 Bromomethane	94		6.307				ND	
11 Chloroethane	64		6.596				ND	
13 Vinyl bromide	106		7.072				ND	
14 Trichlorofluoromethane	101	7.158	7.185	-0.027	75	32986	0.5642	
20 1,1,2-Trichloro-1,2,2-trif	101	8.388	8.431	-0.043	26	2996	0.0601	
21 1,1-Dichloroethene	96		8.501				ND	
22 Acetone	43	8.698	8.752	-0.054	91	597459	23.2	
23 Carbon disulfide	76	8.955	8.987	-0.032	95	24792	0.4067	
24 Isopropyl alcohol	45	9.019	9.078	-0.059	97	124988	6.60	
25 3-Chloro-1-propene	41		9.383				ND	
27 Methylene Chloride	49	9.688	9.715	-0.027	42	3191	0.1600	
28 2-Methyl-2-propanol	59		9.950				ND	
29 Methyl tert-butyl ether	73		10.164				ND	
S 30 1,2-Dichloroethene, Total	61		10.200				ND	
31 trans-1,2-Dichloroethene	61		10.207				ND	
33 Hexane	57	10.592	10.624	-0.032	70	4260	0.1438	
34 1,1-Dichloroethane	63		11.170				ND	
37 cis-1,2-Dichloroethene	96		12.342				ND	
38 2-Butanone (MEK)	72	12.325	12.363	-0.038	97	186260	14.5	
* 40 Chlorobromomethane	128	12.802	12.823	-0.021	70	218538	10.0	
41 Tetrahydrofuran	42	12.802	12.839	-0.037	87	554406	30.5	
42 Chloroform	83	12.914	12.936	-0.022	85	794498	17.8	
43 Cyclohexane	84	13.203	13.230	-0.027	26	1871	0.0575	M
44 1,1,1-Trichloroethane	97	13.214	13.240	-0.026	0	5812	0.1296	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Carbon tetrachloride	117	13.476	13.497	-0.021	58	3892	0.0825	
46 Isooctane	57	13.866	13.888	-0.022	73	4482	0.0486	
47 Benzene	78	13.925	13.947	-0.022	57	11696	0.1639	
48 1,2-Dichloroethane	62		14.107				ND	
49 n-Heptane	43	14.214	14.241	-0.027	0	2478	0.0851	M
* 50 1,4-Difluorobenzene	114	14.685	14.701	-0.016	92	953402	10.0	
53 Trichloroethene	95	15.150	15.172	-0.022	91	226679	7.01	
54 1,2-Dichloropropane	63		15.685				ND	
55 Methyl methacrylate	69		15.771				ND	
56 1,4-Dioxane	88		15.872				ND	
58 Dichlorobromomethane	83	16.161	16.177	-0.016	14	3134	0.0665	M
60 cis-1,3-Dichloropropene	75		17.039				ND	
61 4-Methyl-2-pentanone (MIBK	43	17.269	17.274	-0.005	87	13361	0.3522	
64 Toluene	92	17.595	17.606	-0.011	93	112779	1.98	
66 trans-1,3-Dichloropropene	75		18.141				ND	
67 1,1,2-Trichloroethane	83		18.505				ND	
68 Tetrachloroethene	166	18.633	18.649	-0.016	25	1275	0.0214	
69 2-Hexanone	43		18.900				ND	
71 Chlorodibromomethane	129		19.264				ND	
72 Ethylene Dibromide	107		19.548				ND	
S 73 Xylenes, Total	106				0		1.53	
* 74 Chlorobenzene-d5	117	20.382	20.393	-0.011	80	885230	10.0	
75 Chlorobenzene	112		20.446				ND	
76 Ethylbenzene	91	20.548	20.559	-0.011	73	32919	0.2776	
78 m-Xylene & p-Xylene	106	20.767	20.778	-0.011	98	58412	1.09	
79 o-Xylene	106	21.489	21.495	-0.006	91	22710	0.4365	
80 Styrene	104	21.522	21.532	-0.010	89	18749	0.2358	
81 Bromoform	173		21.918				ND	
82 Isopropylbenzene	105	22.057	22.062	-0.005	53	6954	0.0488	
$ 83 4-Bromofluorobenzene	95	22.404	22.399	0.005	98	581354	NC	
84 1,1,2,2-Tetrachloroethane	83		22.624				ND	
85 N-Propylbenzene	91	22.709	22.699	0.010	93	20019	0.1229	
88 4-Ethyltoluene	105	22.875	22.865	0.010	87	26137	0.1793	
89 2-Chlorotoluene	91		22.902				ND	
90 1,3,5-Trimethylbenzene	105	22.966	22.956	0.010	87	19619	0.1634	
92 tert-Butylbenzene	119		23.432				ND	
93 1,2,4-Trimethylbenzene	105	23.538	23.523	0.015	96	66114	0.5531	
94 sec-Butylbenzene	105		23.758				ND	
95 4-Isopropyltoluene	119		23.961				ND	
96 1,3-Dichlorobenzene	146		24.036				ND	
97 1,4-Dichlorobenzene	146		24.181				ND	
98 Benzyl chloride	91		24.384				ND	
100 n-Butylbenzene	91		24.598				ND	
101 1,2-Dichlorobenzene	146		24.785				ND	
103 1,2,4-Trichlorobenzene	180		27.663				ND	
104 Hexachlorobutadiene	225		27.861				ND	
105 Naphthalene	128	28.246	28.241	0.005	46	9014	0.0664	7

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

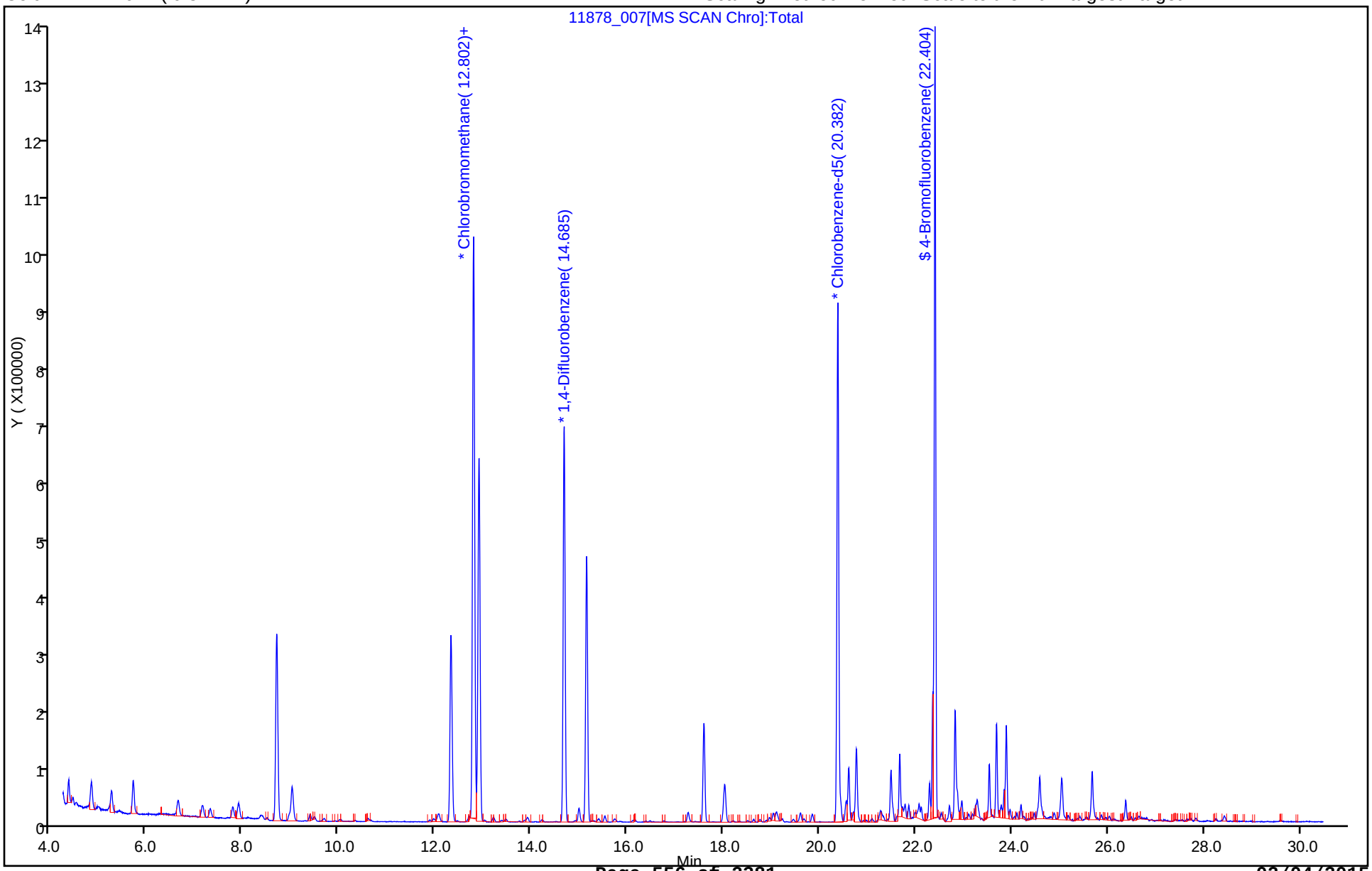
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3	Worklist Smp#:	7
Client ID:	101VMP0101FA				
Purge Vol:	200.000 mL	Dil. Factor:	1.6000	ALS Bottle#:	6
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



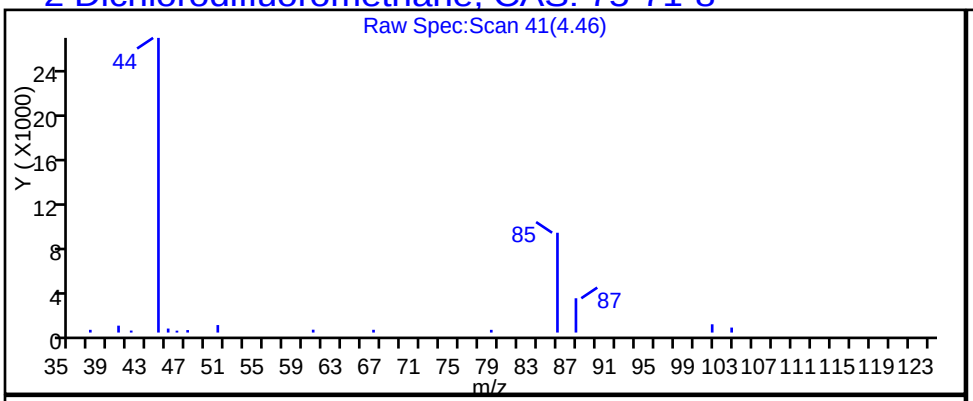
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

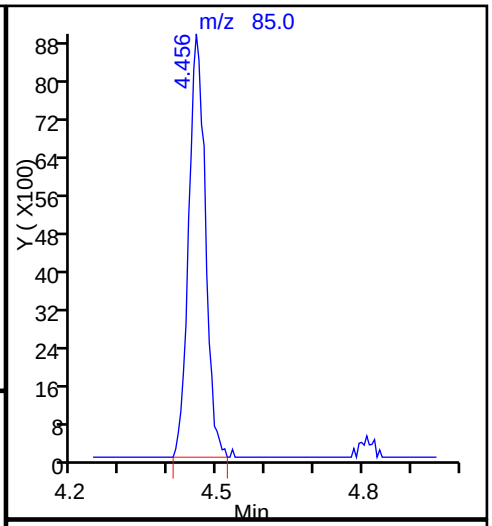
TestAmerica Burlington

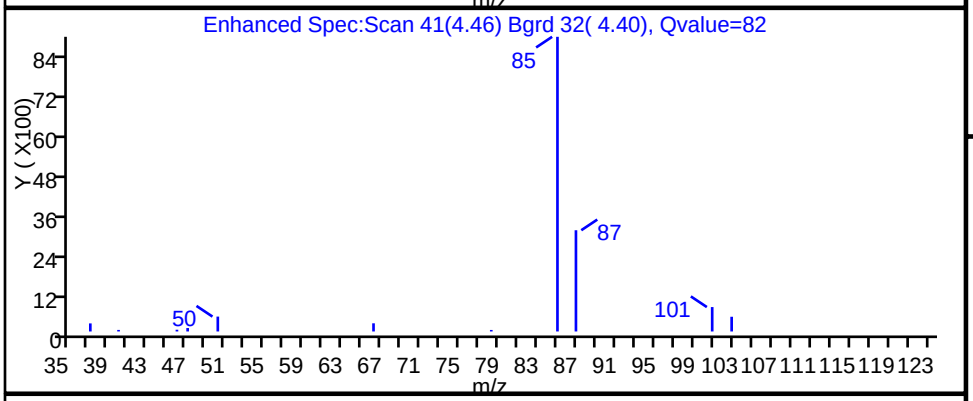
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

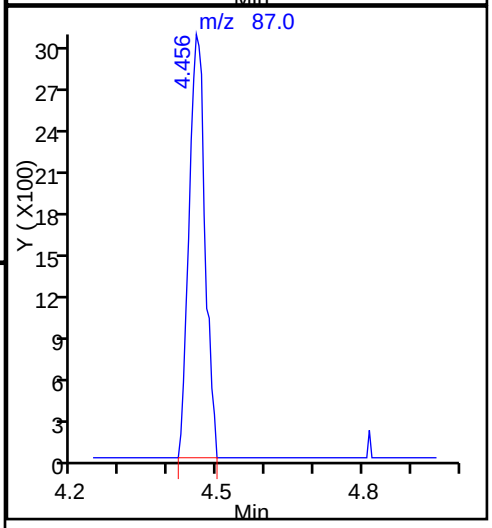
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

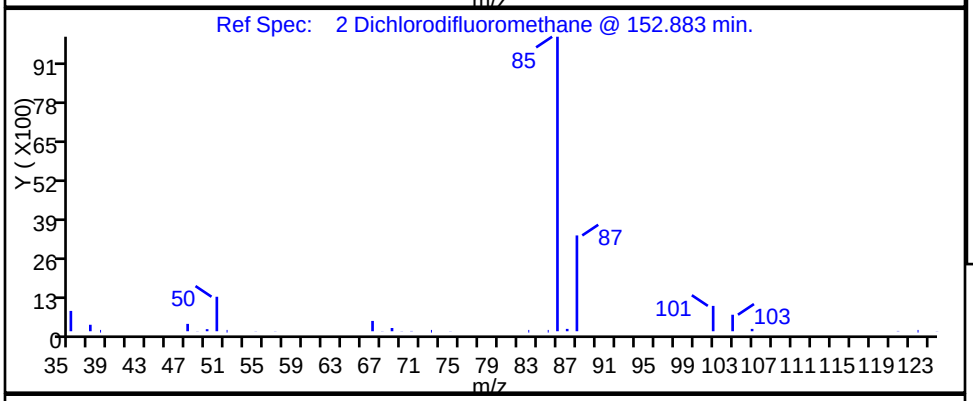
2 Dichlorodifluoromethane, CAS: 75-71-8

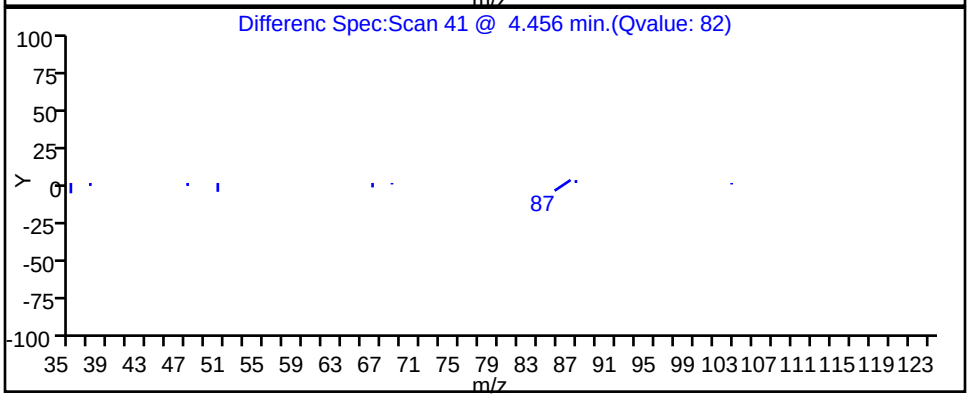












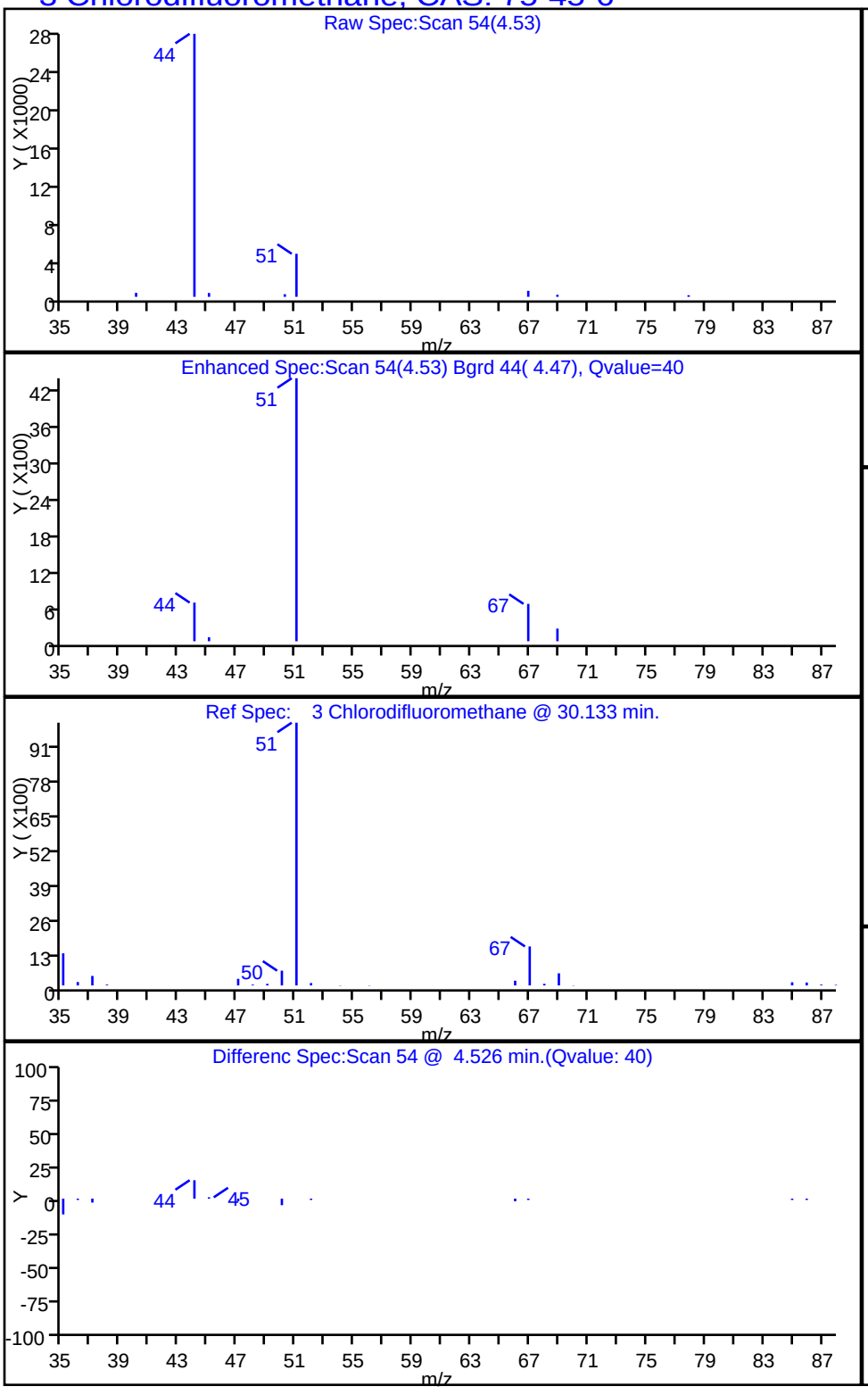
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

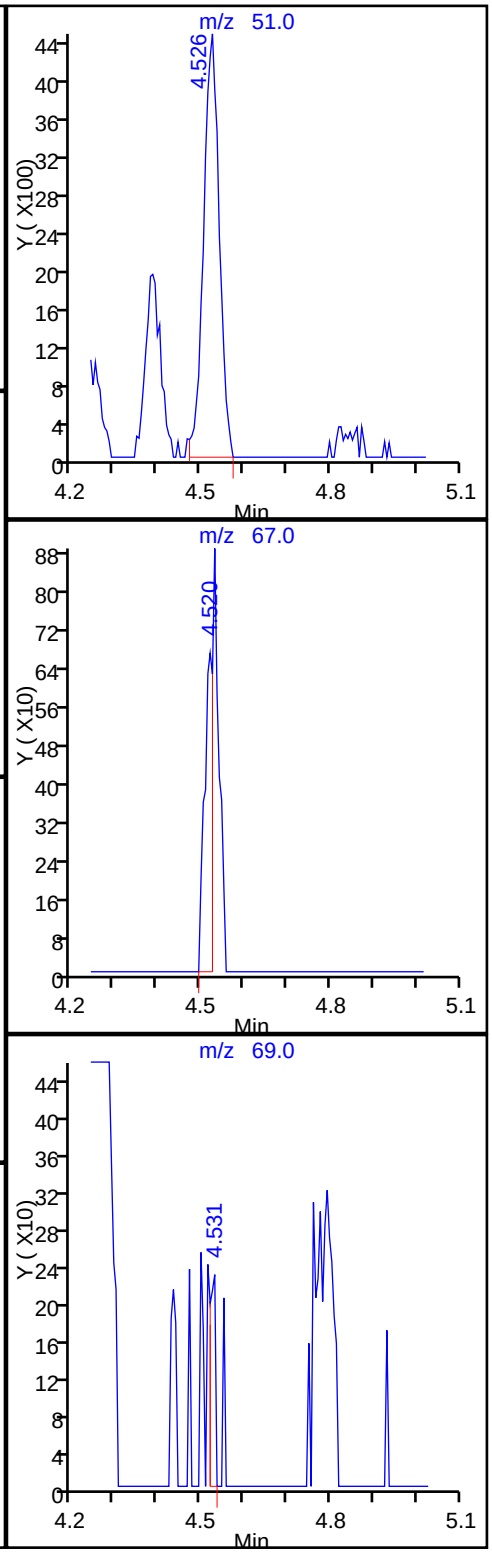
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3
Client ID:	101VMP0101FA		
Operator ID:	bpl	ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6





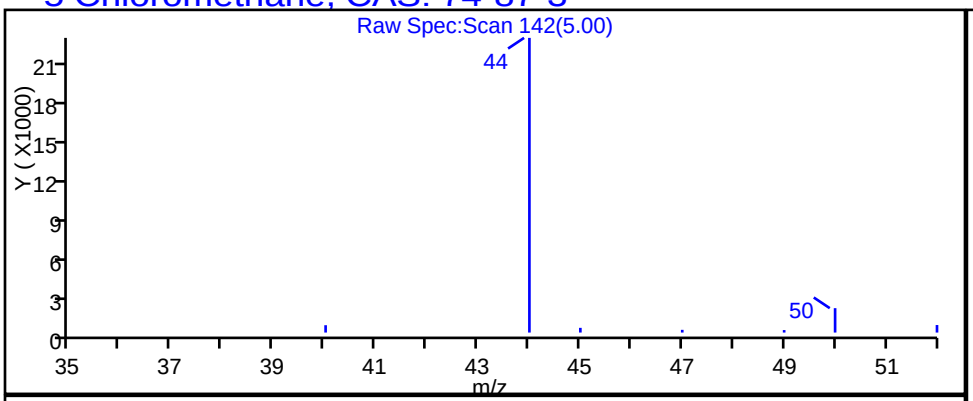
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

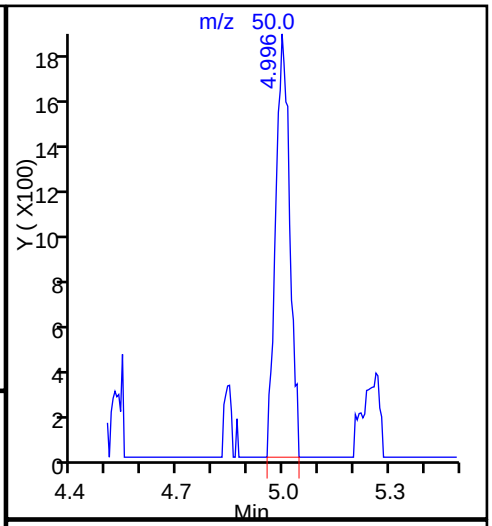
TestAmerica Burlington

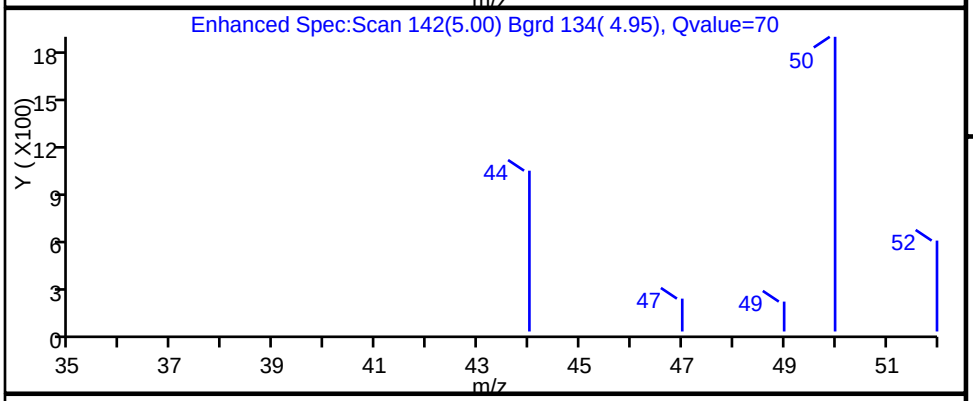
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

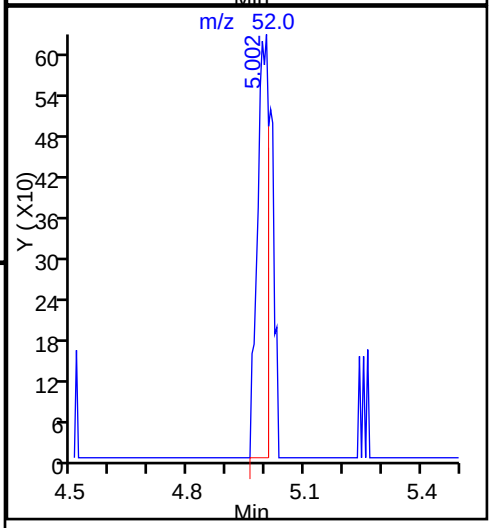
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

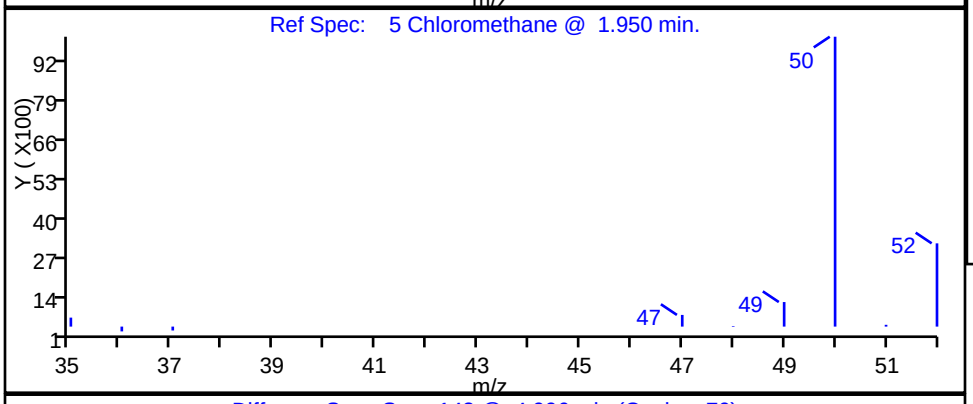
5 Chloromethane, CAS: 74-87-3

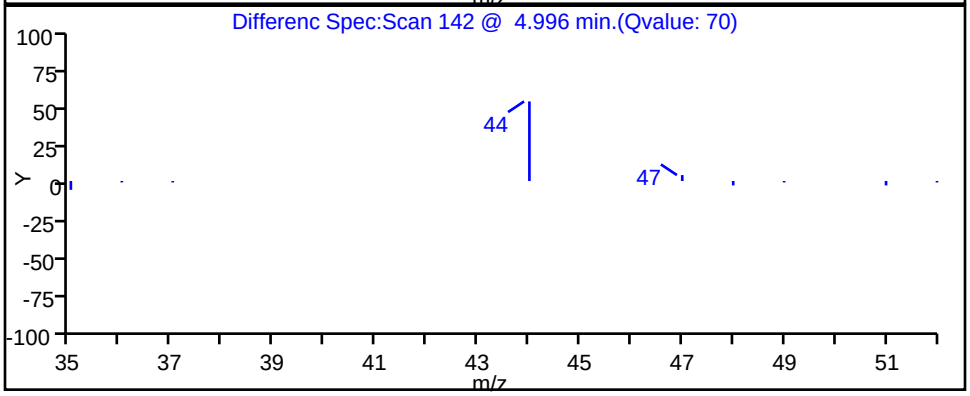












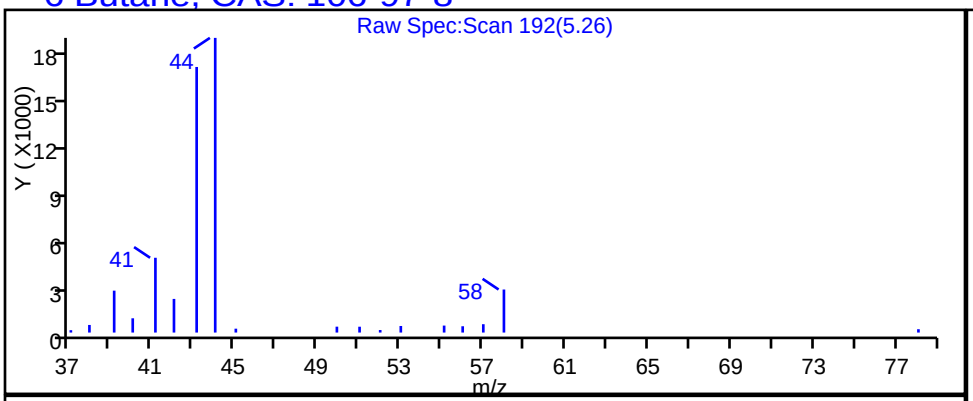
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

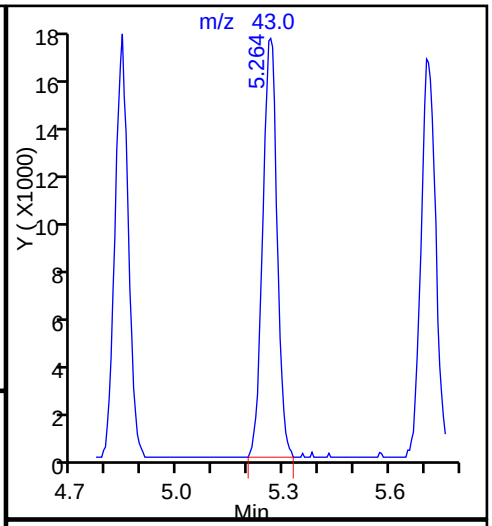
TestAmerica Burlington

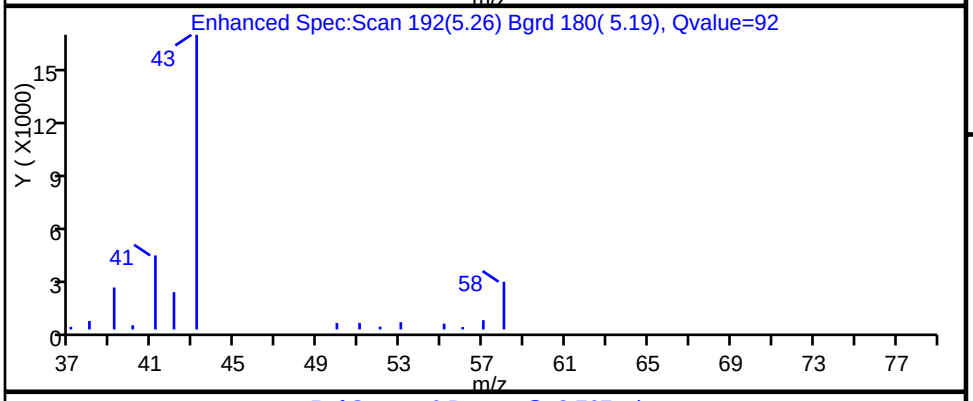
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

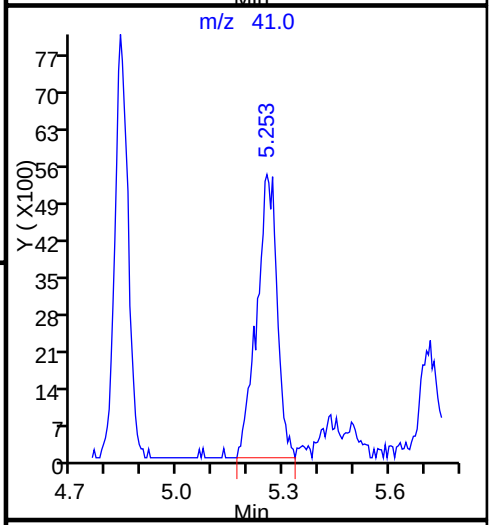
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

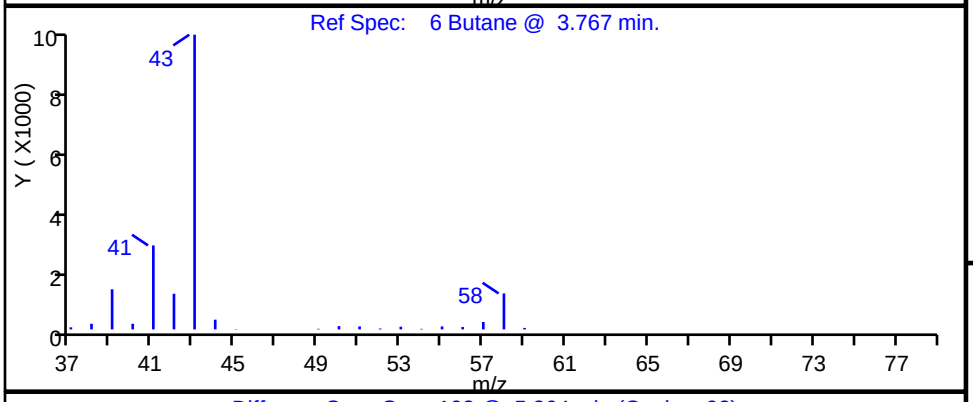
6 Butane, CAS: 106-97-8

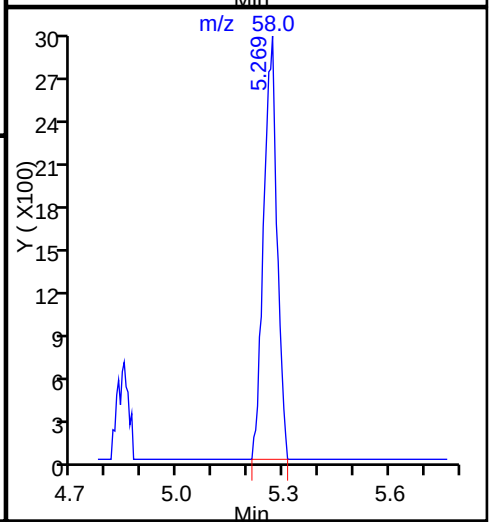


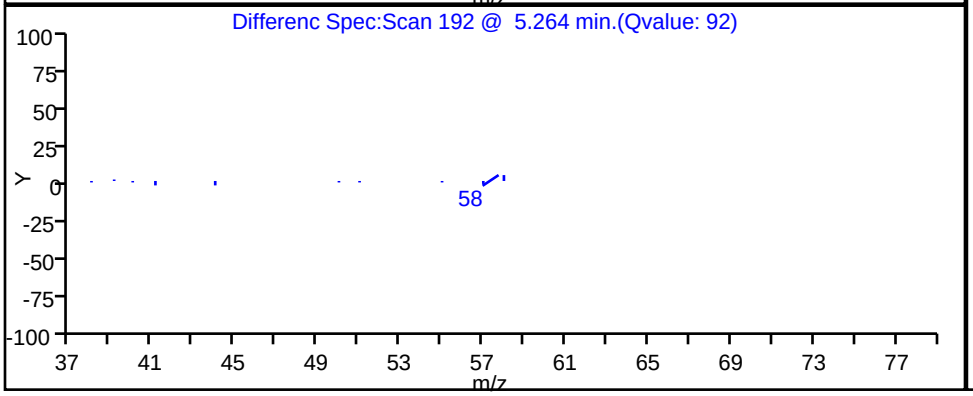








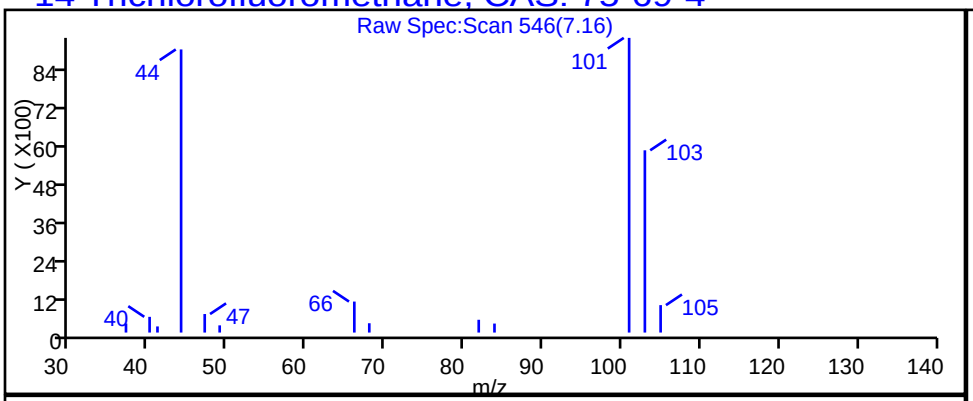


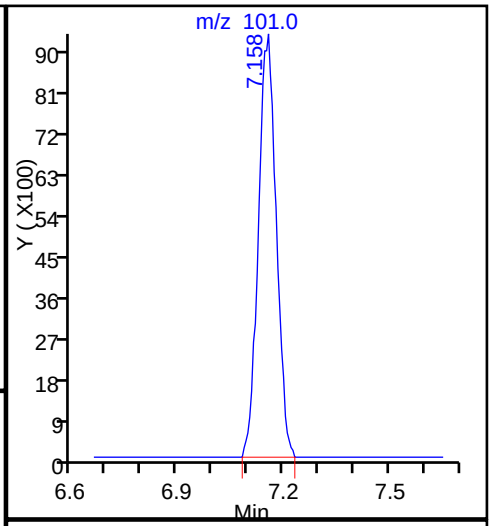


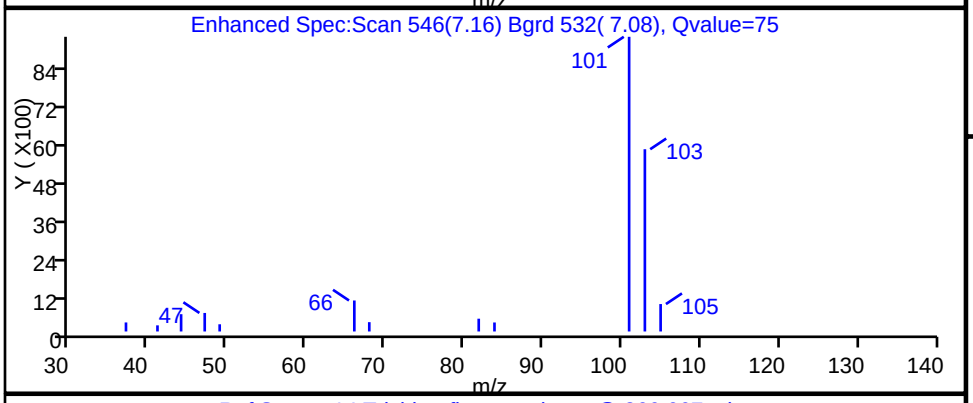
TestAmerica Burlington

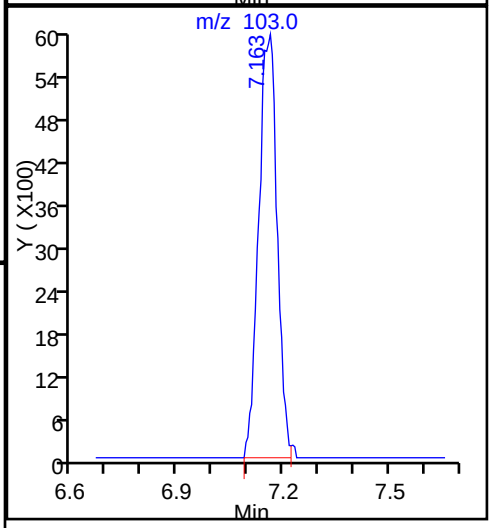
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

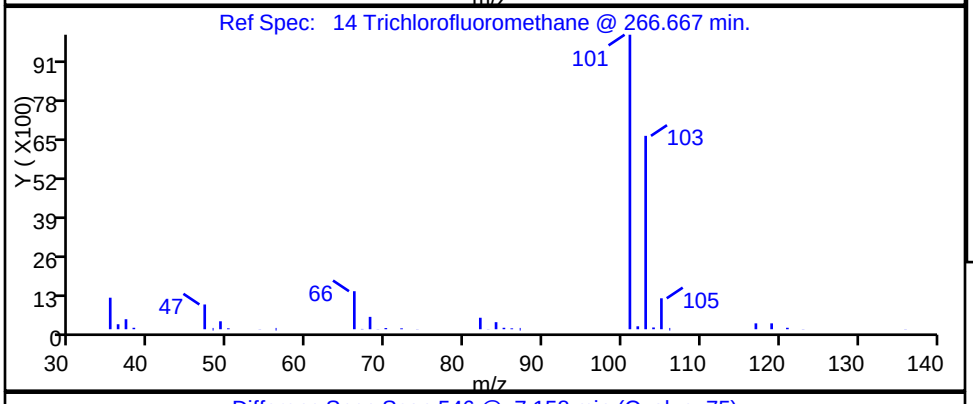
14 Trichlorofluoromethane, CAS: 75-69-4

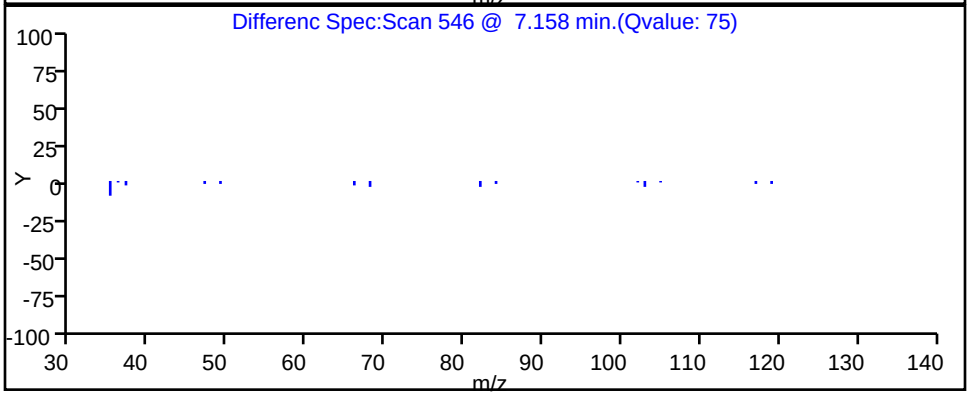












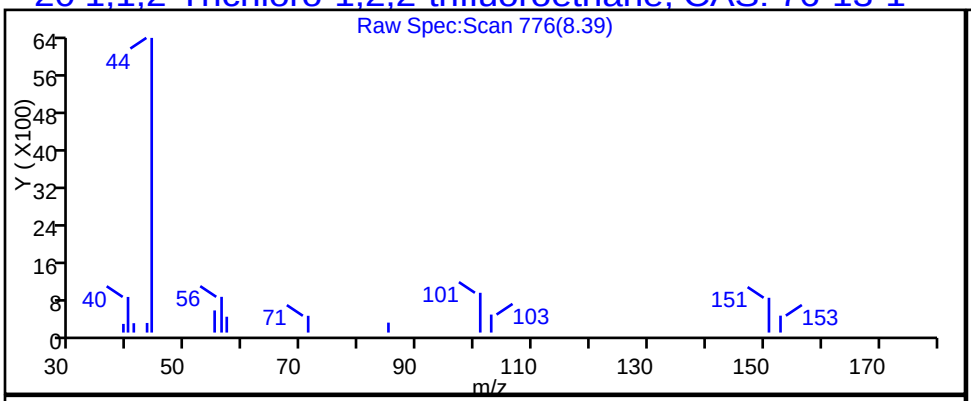
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

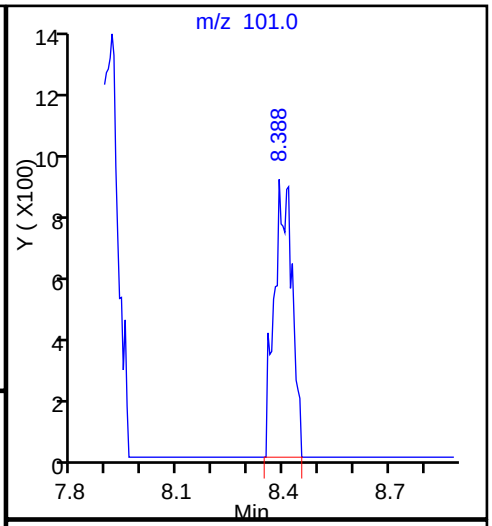
TestAmerica Burlington

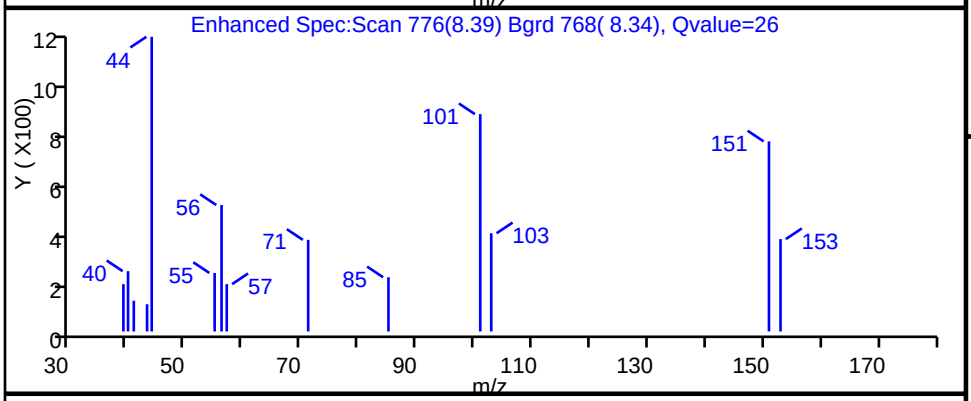
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

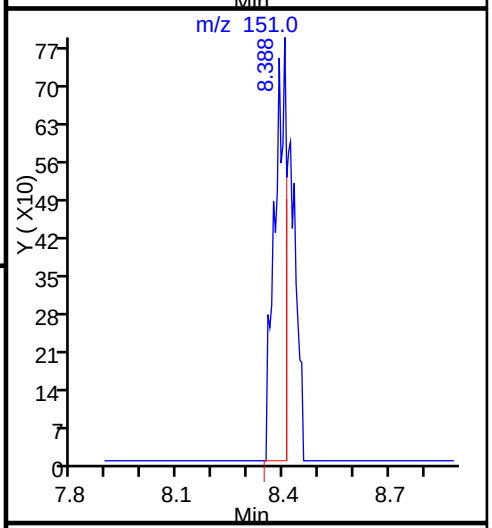
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3
Client ID:	101VMP0101FA		
Operator ID:	bpl	ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

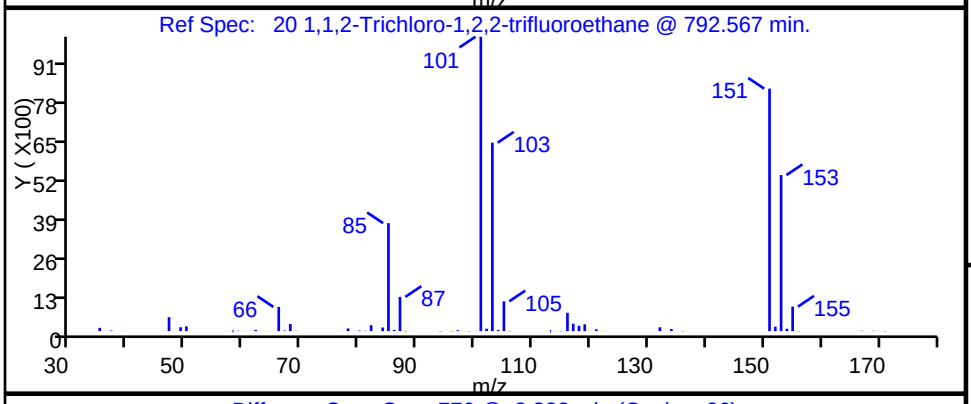
20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

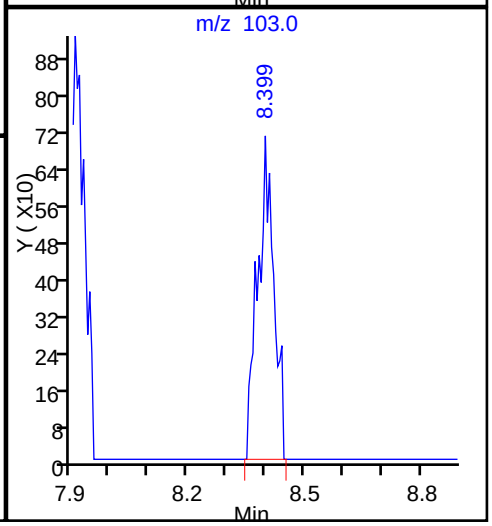


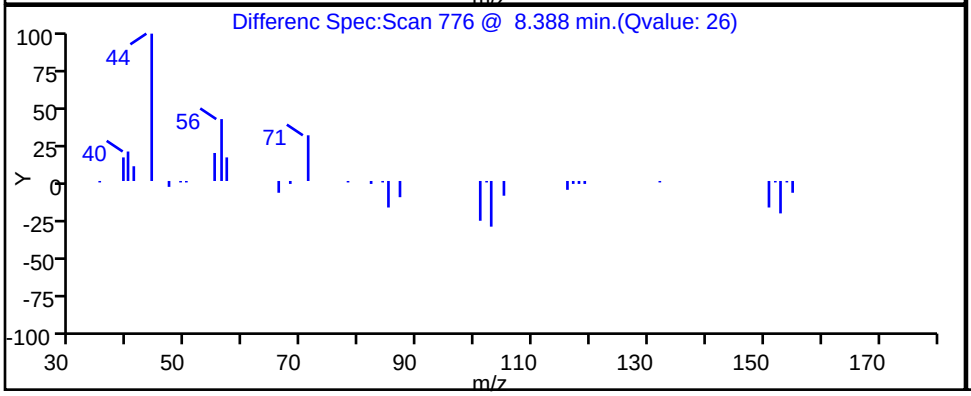










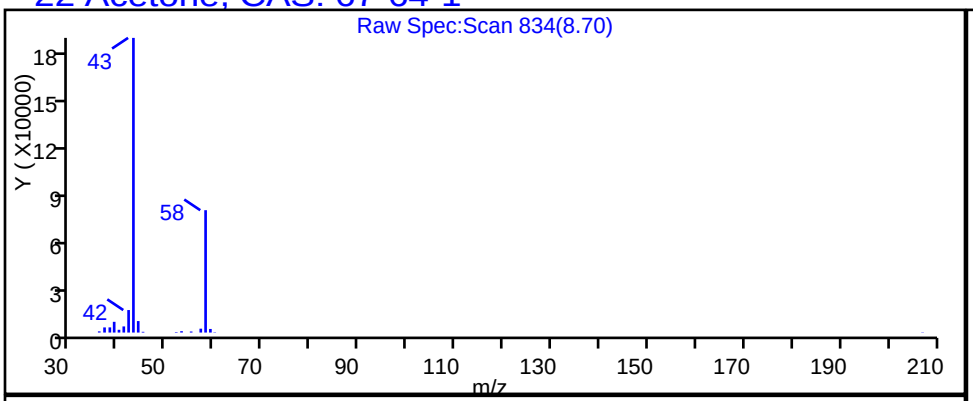


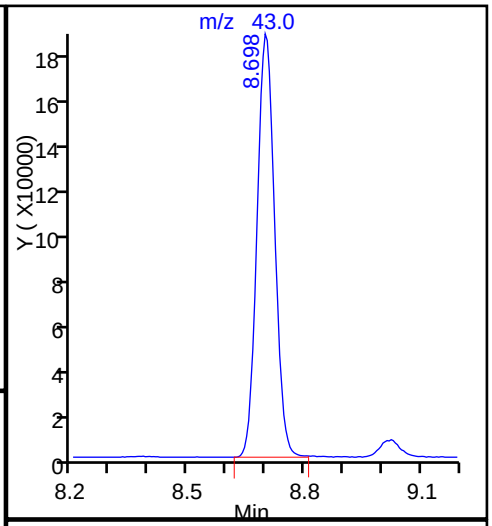
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

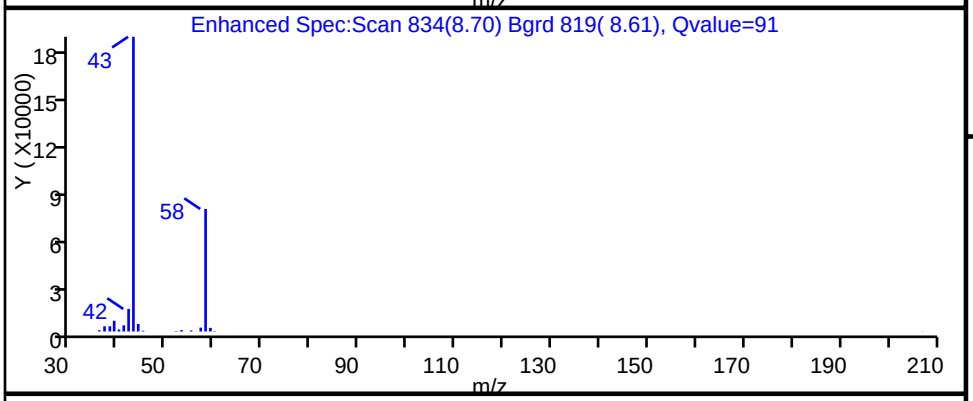
TestAmerica Burlington

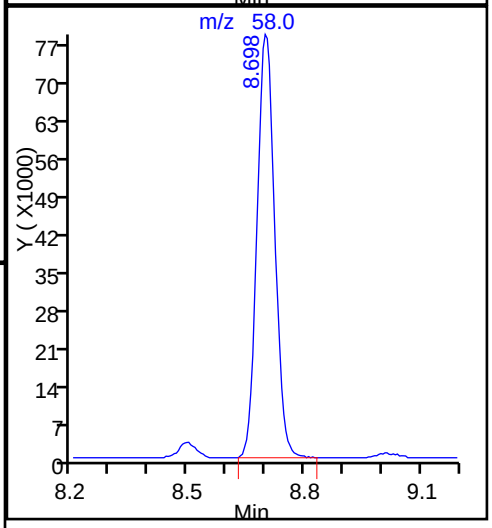
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

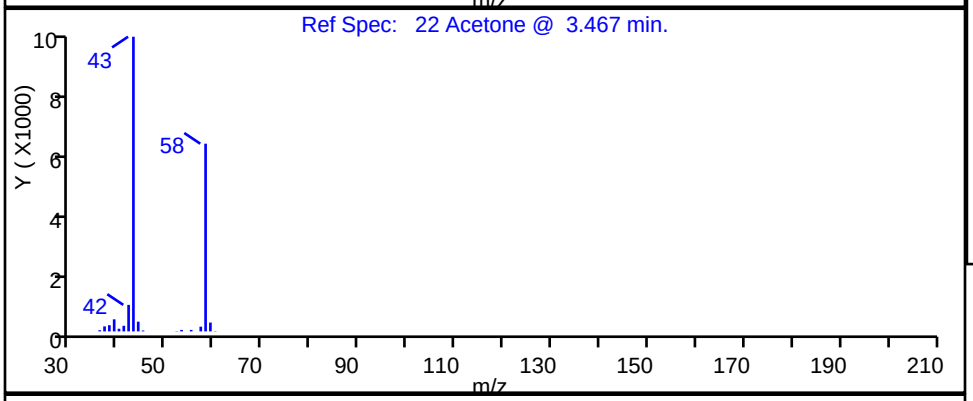
22 Acetone, CAS: 67-64-1

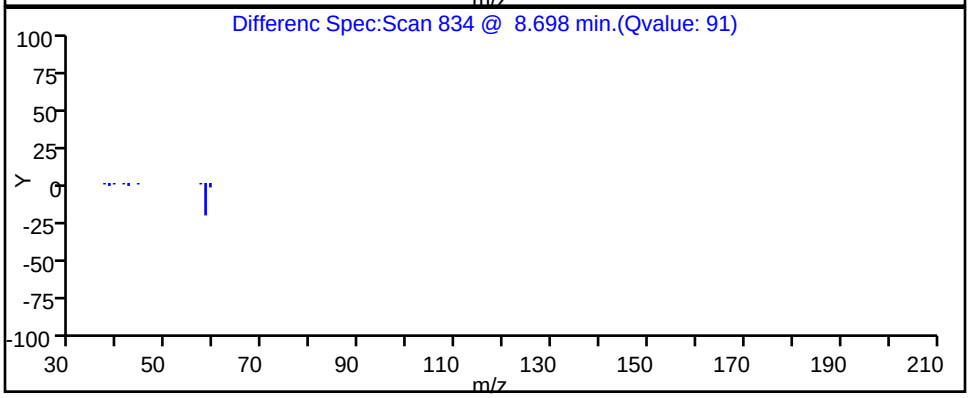












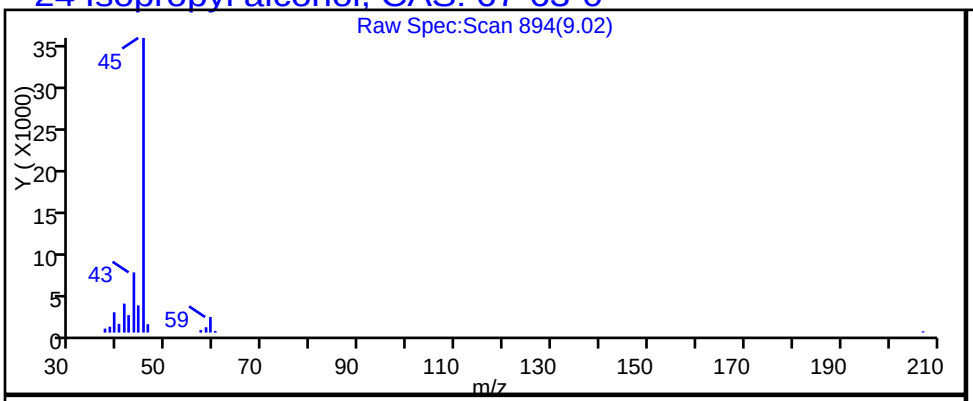
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

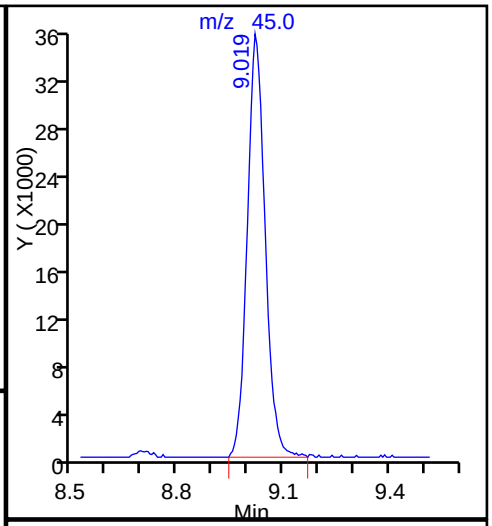
TestAmerica Burlington

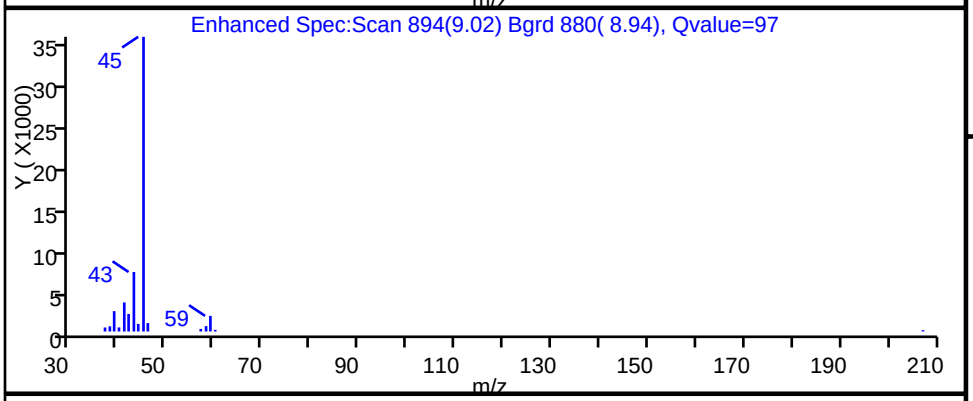
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

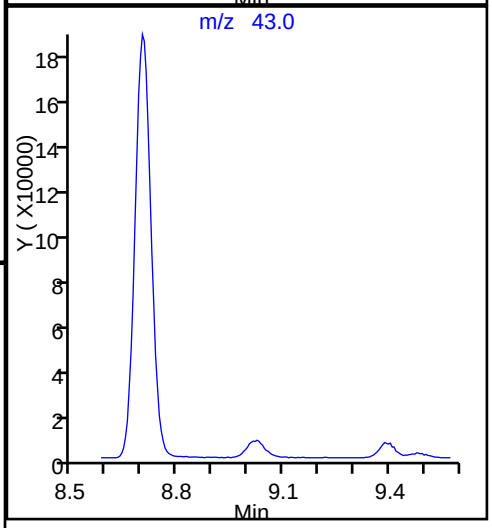
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3
Client ID:	101VMP0101FA		
Operator ID:	bpl	ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

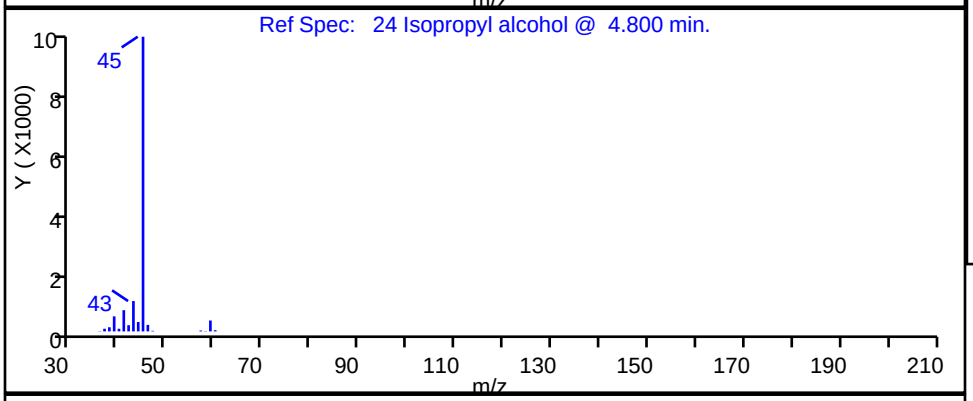
24 Isopropyl alcohol, CAS: 67-63-0

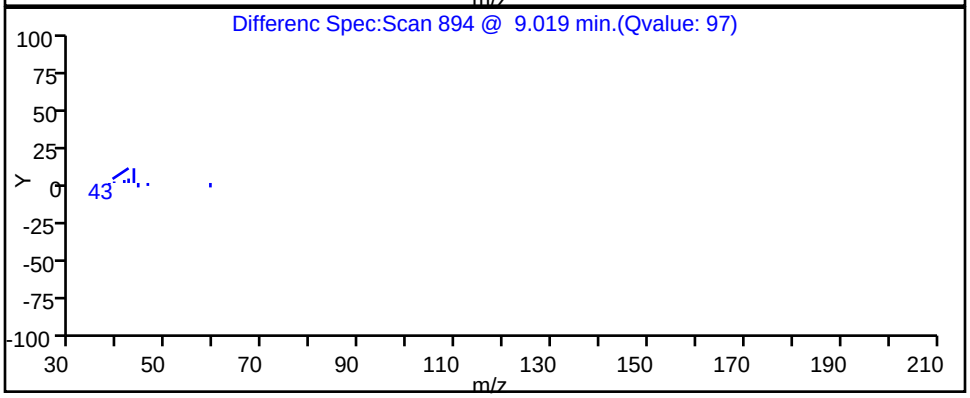












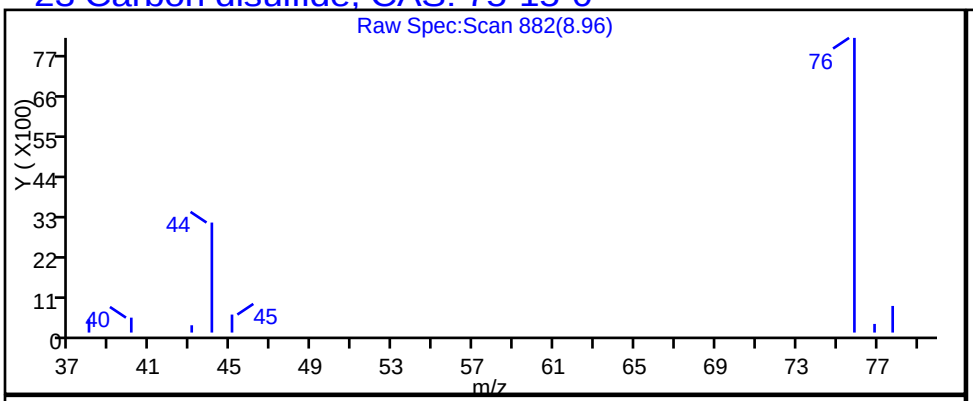
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

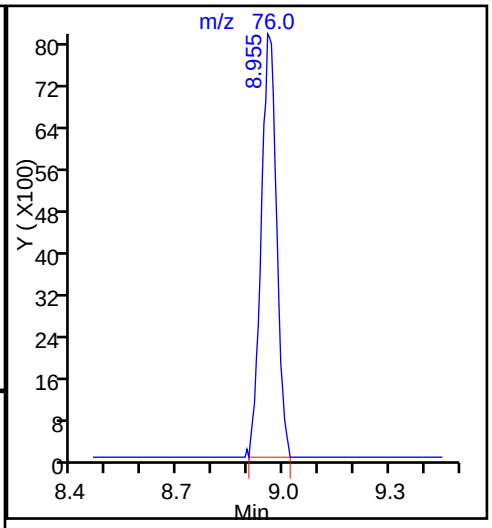
TestAmerica Burlington

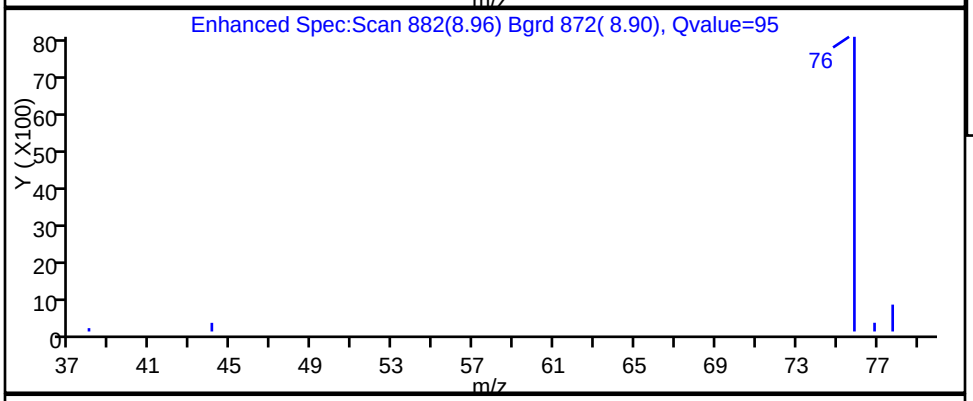
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

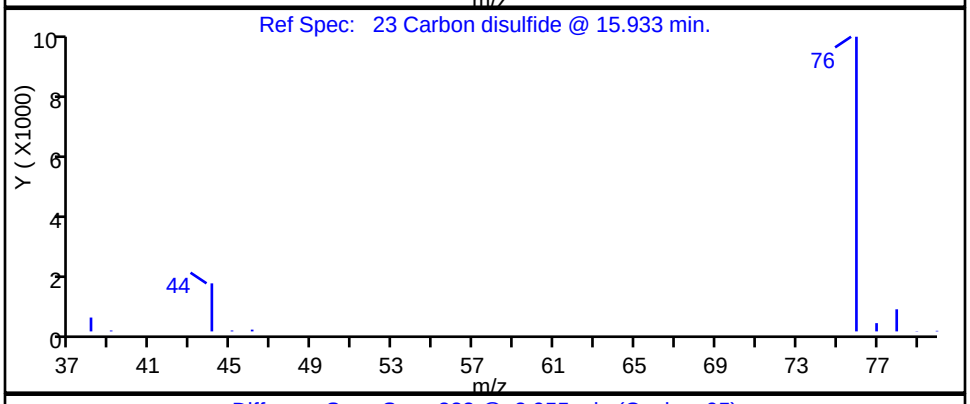
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

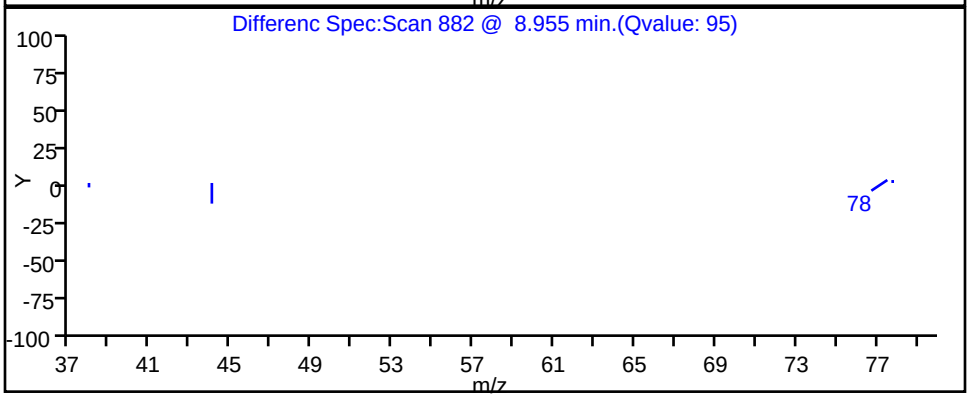
23 Carbon disulfide, CAS: 75-15-0











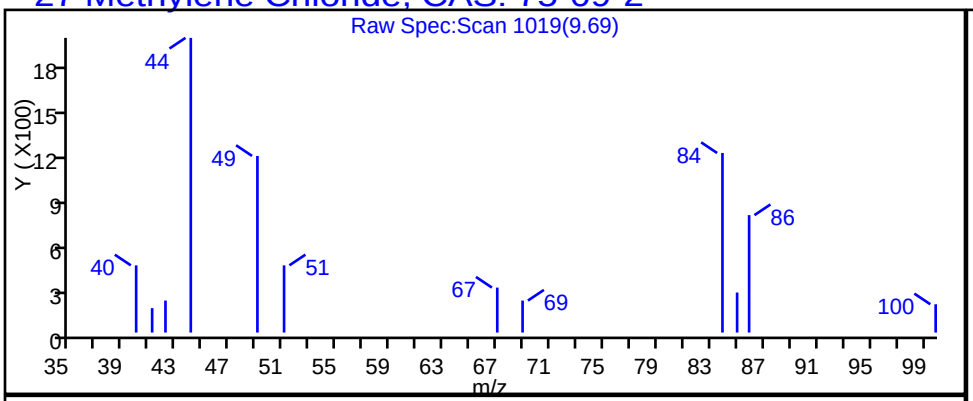
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

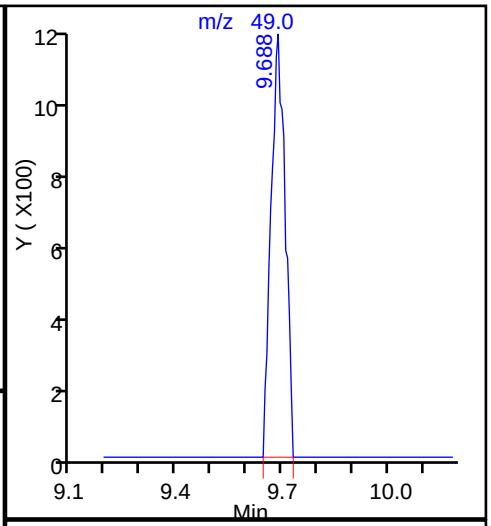
TestAmerica Burlington

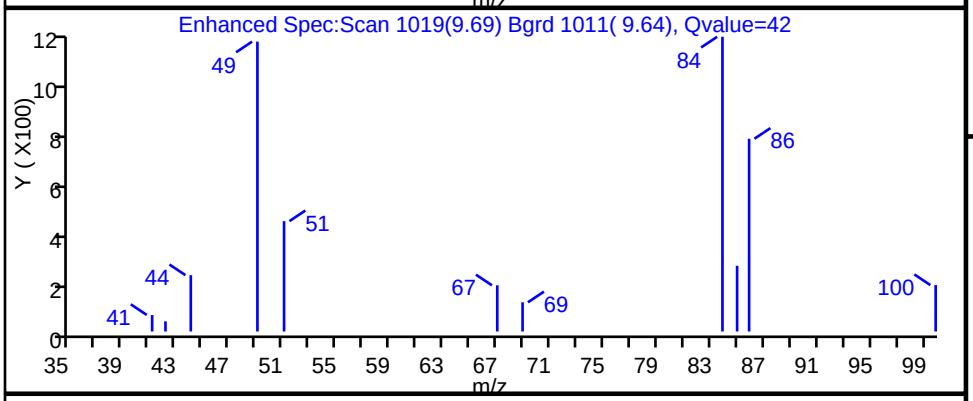
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

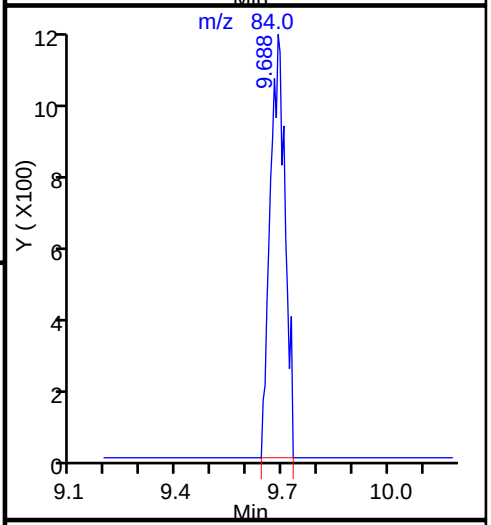
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3
Client ID:	101VMP0101FA		
Operator ID:	bpl	ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

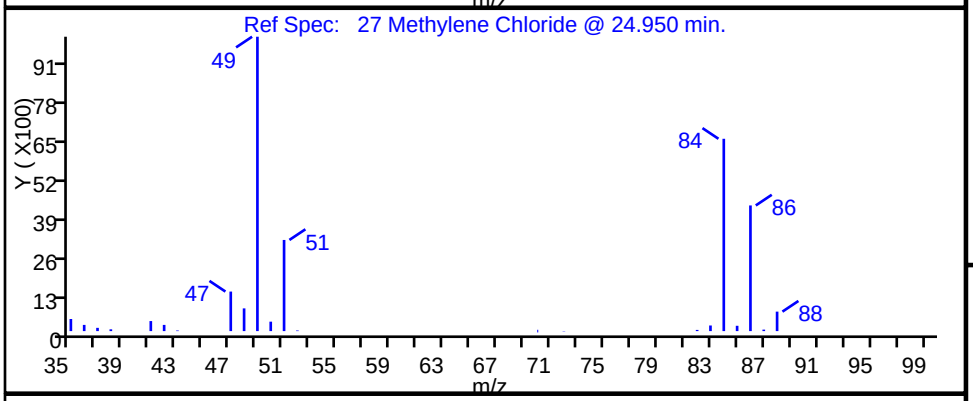
27 Methylene Chloride, CAS: 75-09-2

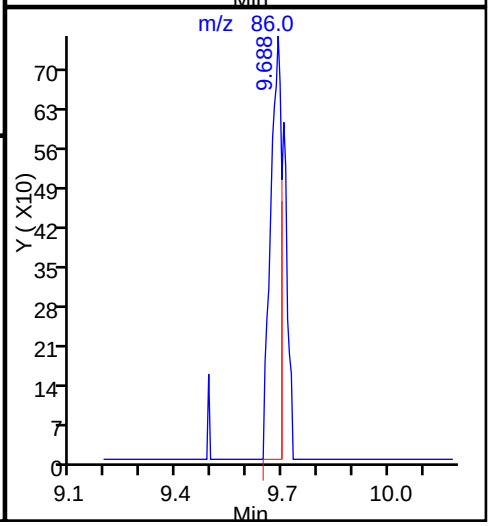


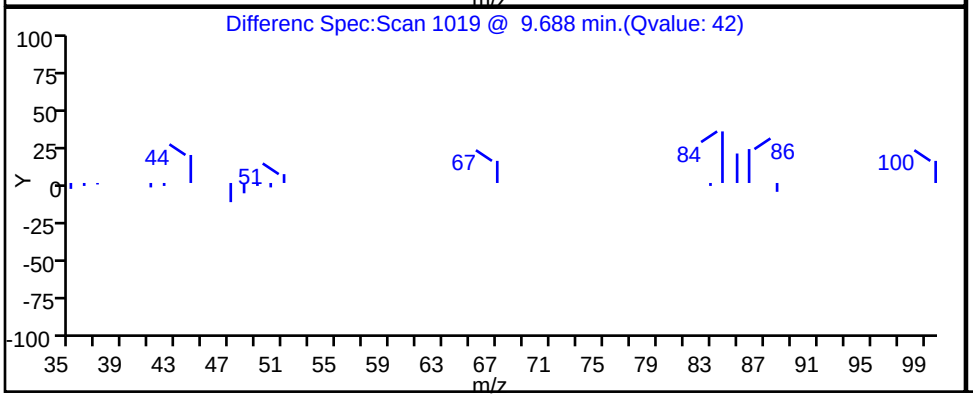










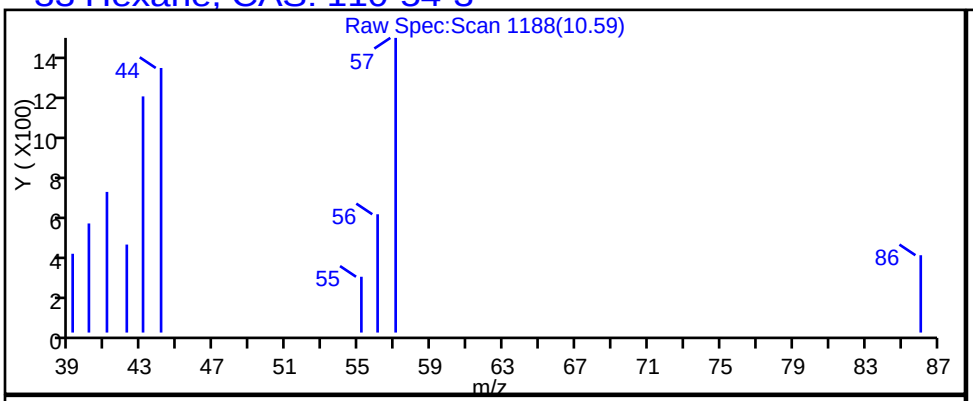


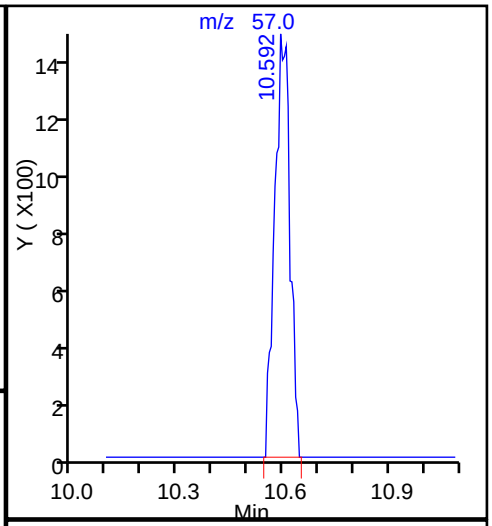
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

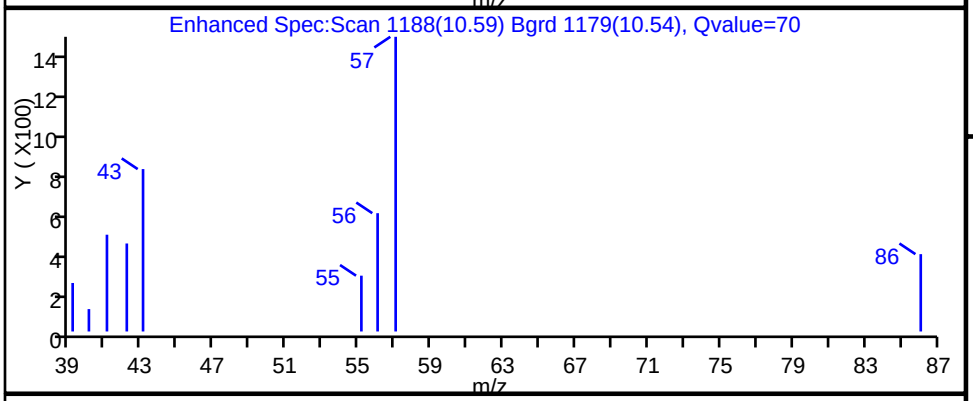
TestAmerica Burlington

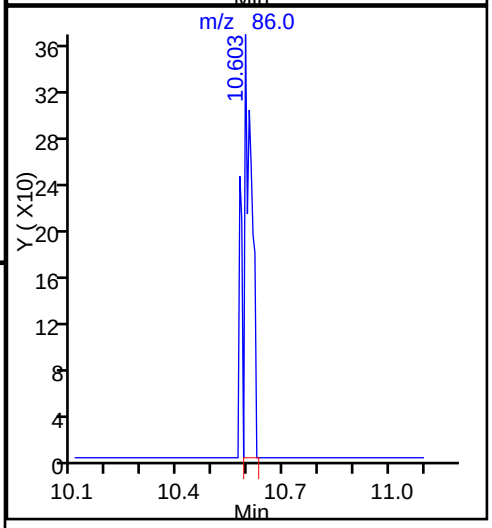
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

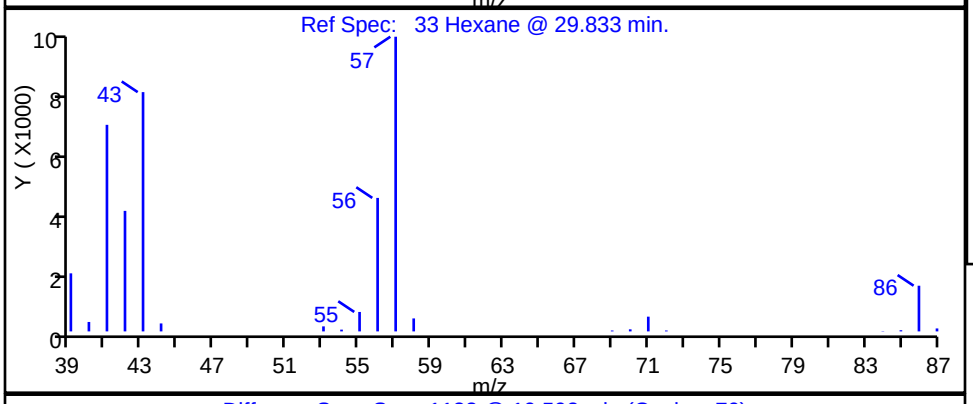
33 Hexane, CAS: 110-54-3

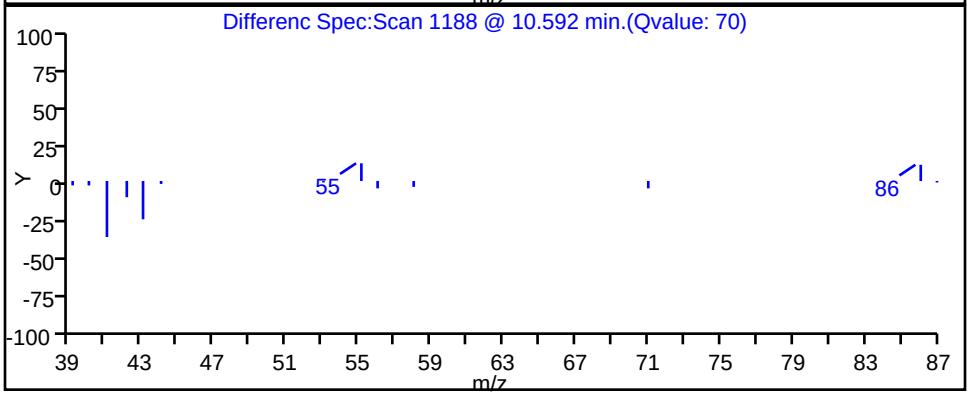












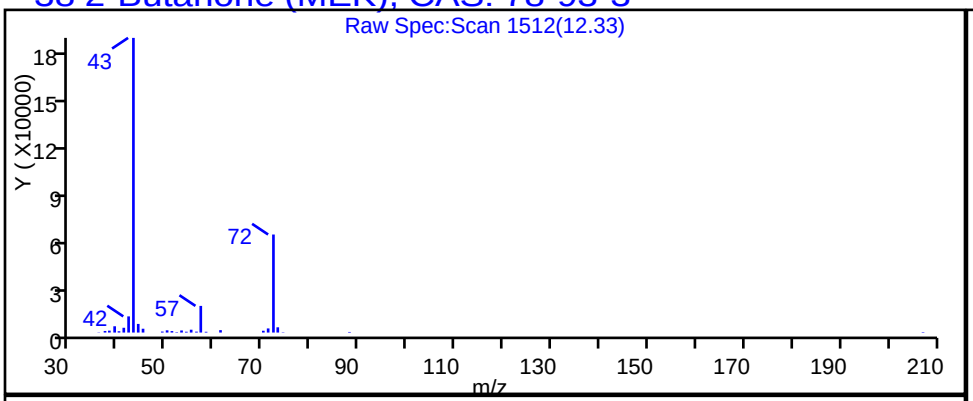
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

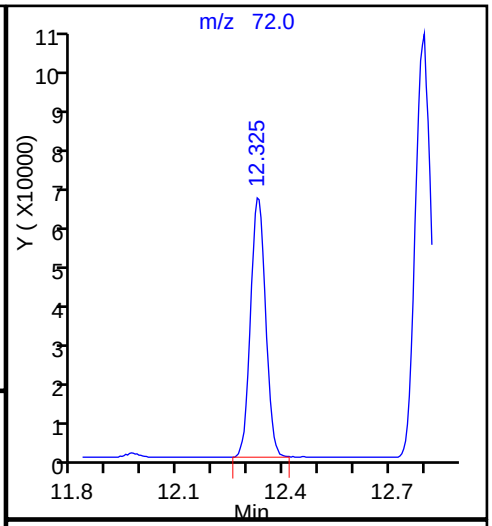
TestAmerica Burlington

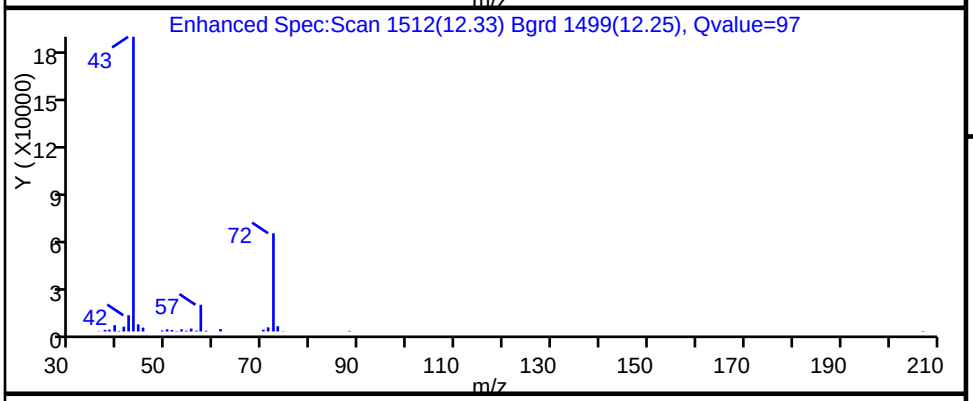
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

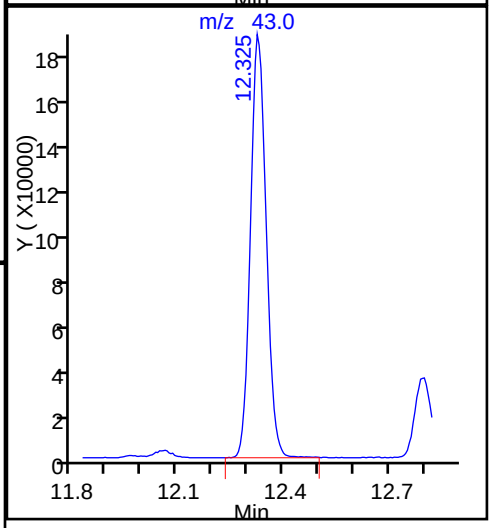
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3
Client ID:	101VMP0101FA		
Operator ID:	bpl	ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

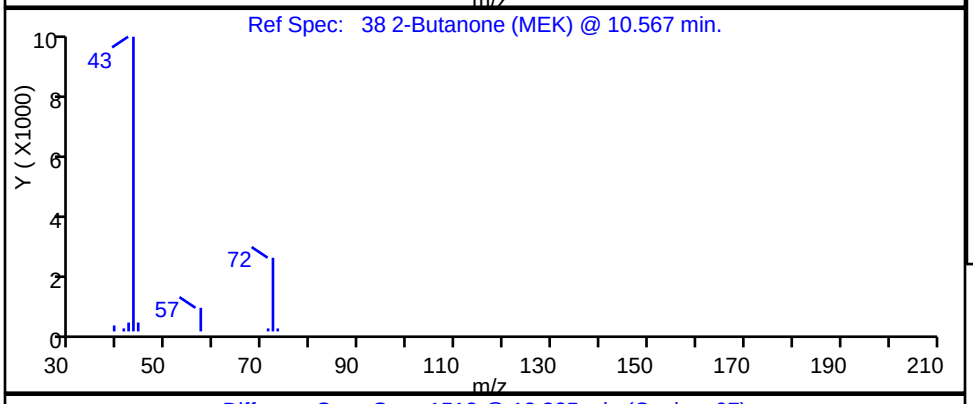
38 2-Butanone (MEK), CAS: 78-93-3

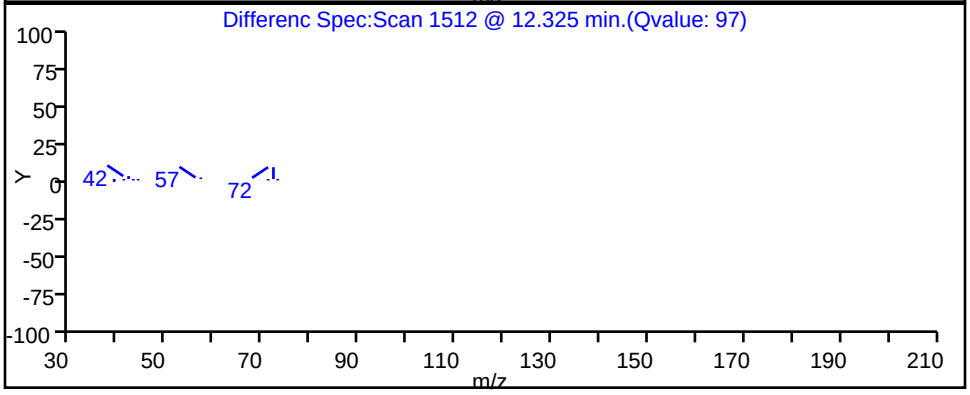










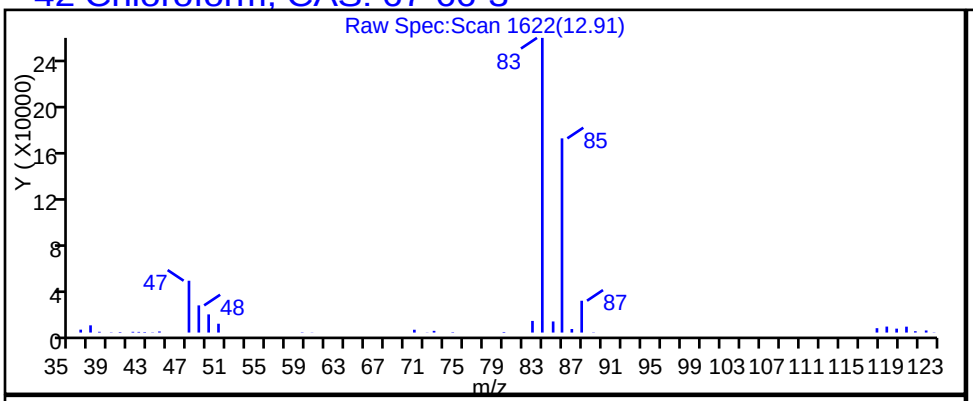


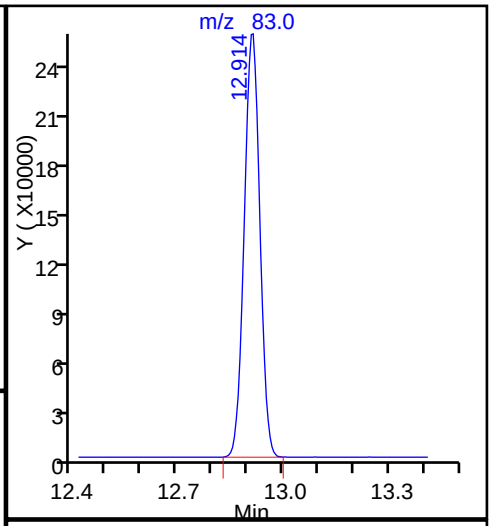
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

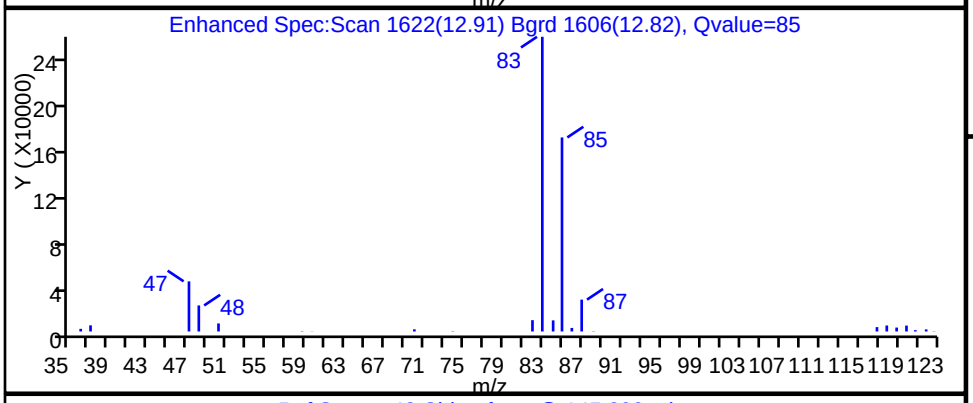
TestAmerica Burlington

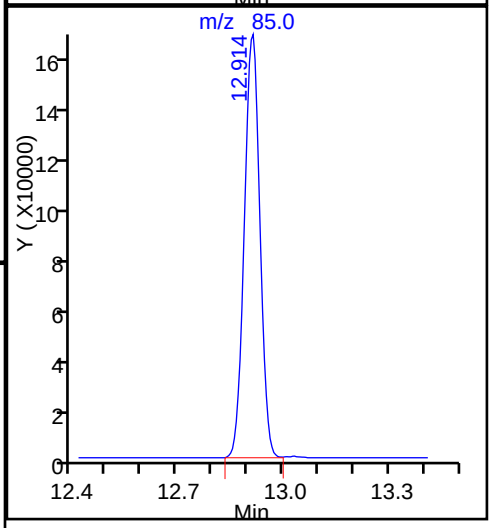
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

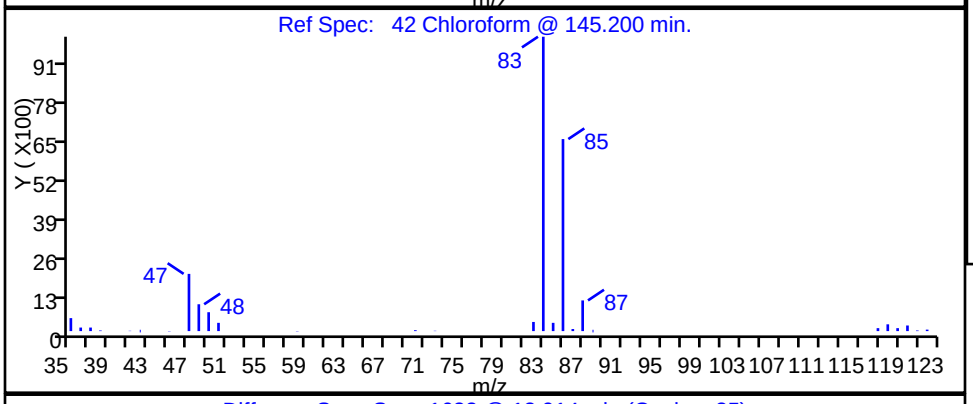
42 Chloroform, CAS: 67-66-3

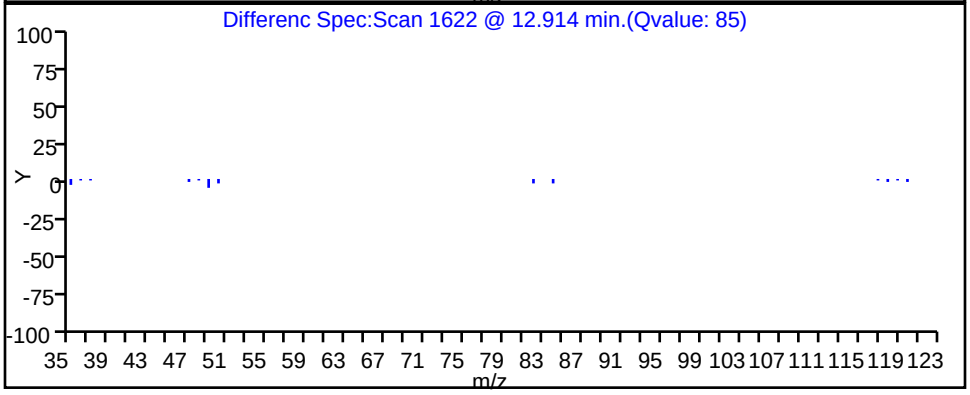












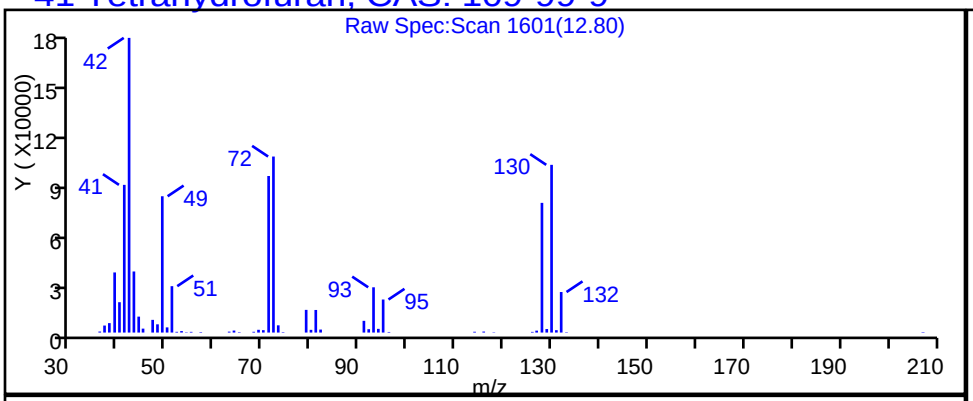
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

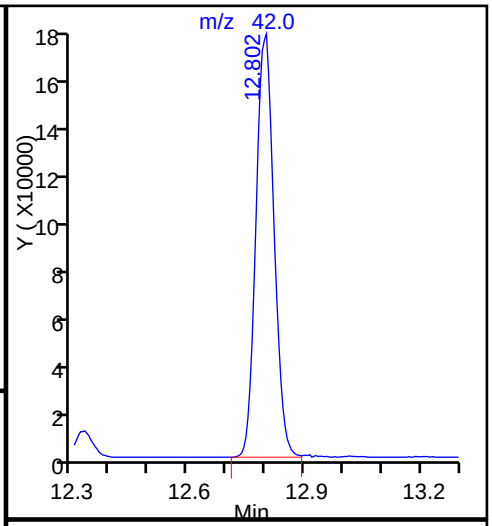
TestAmerica Burlington

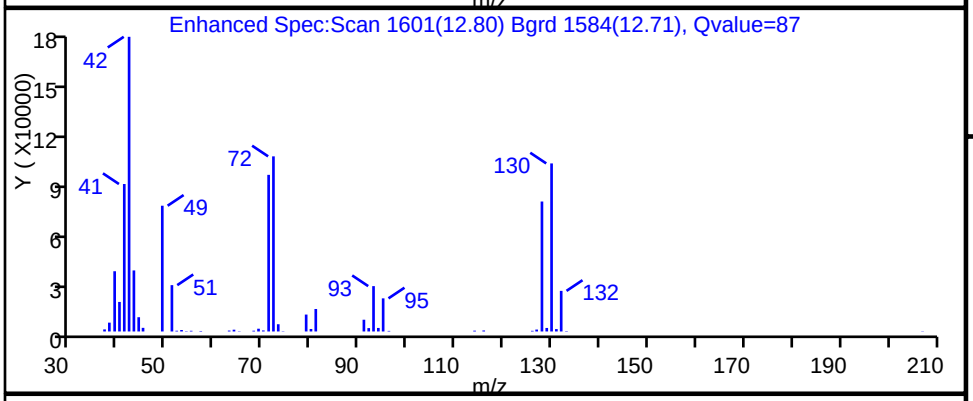
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

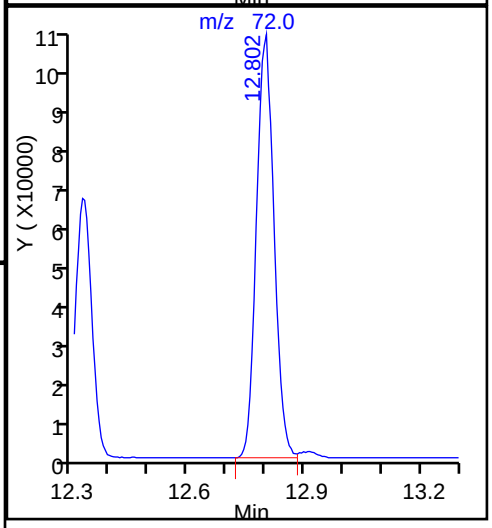
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3
Client ID:	101VMP0101FA		
Operator ID:	bpl	ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

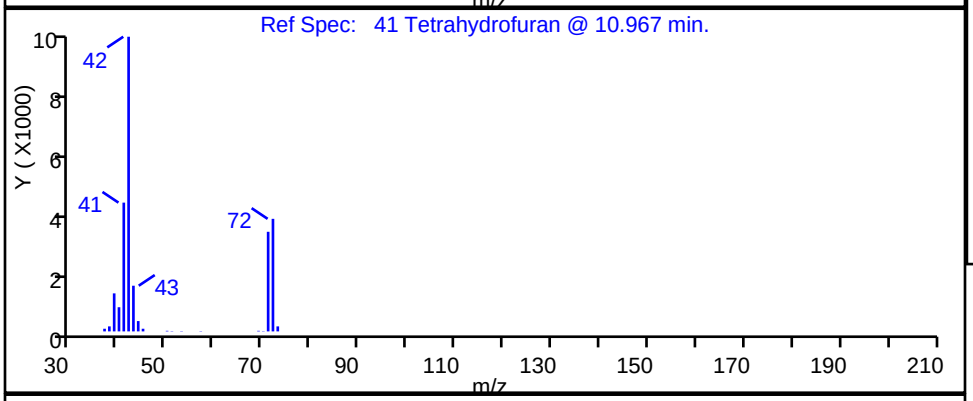
41 Tetrahydrofuran, CAS: 109-99-9

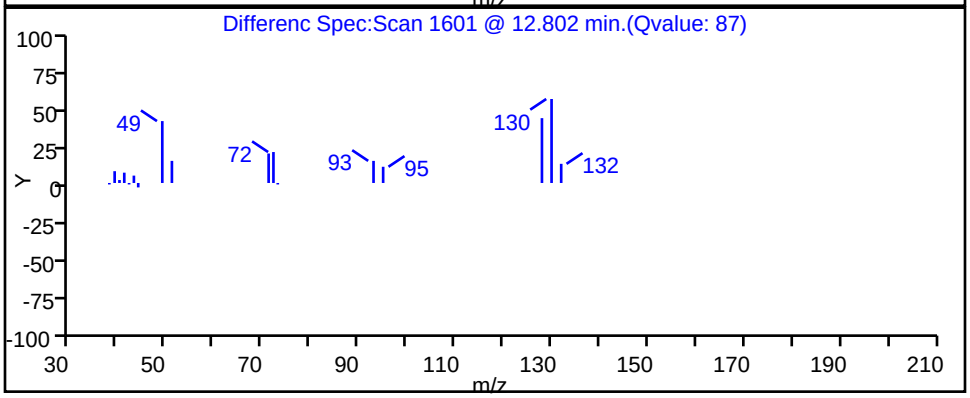












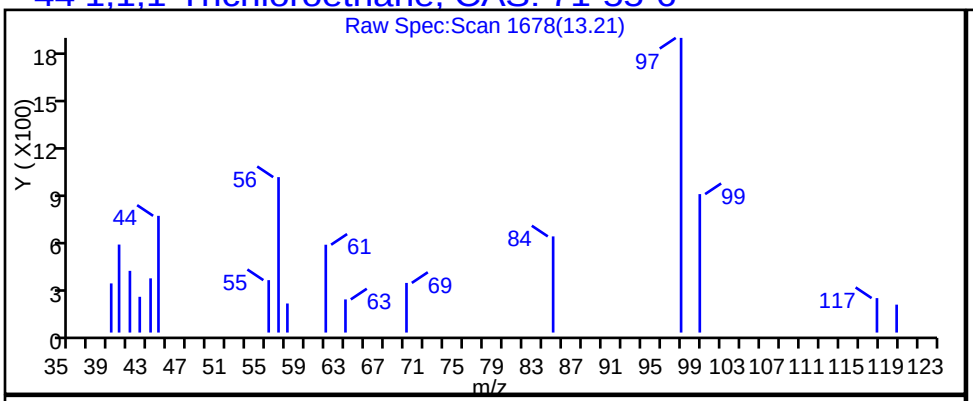
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

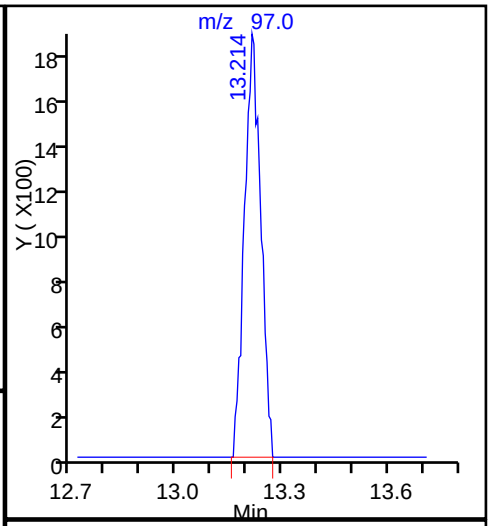
TestAmerica Burlington

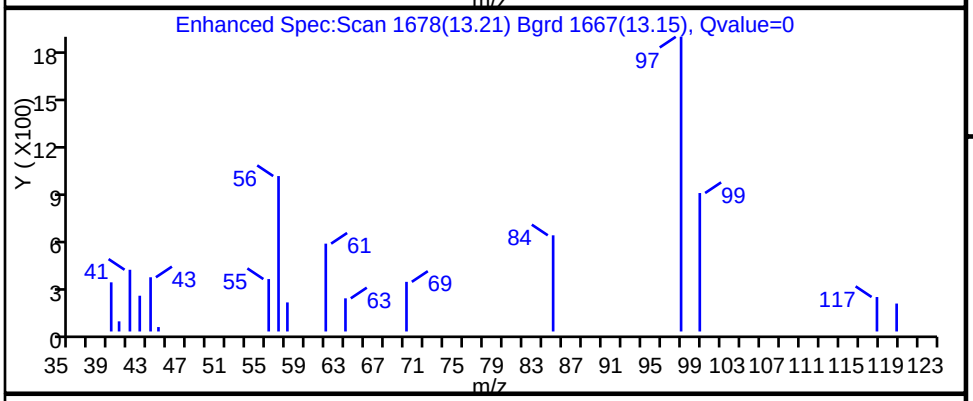
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

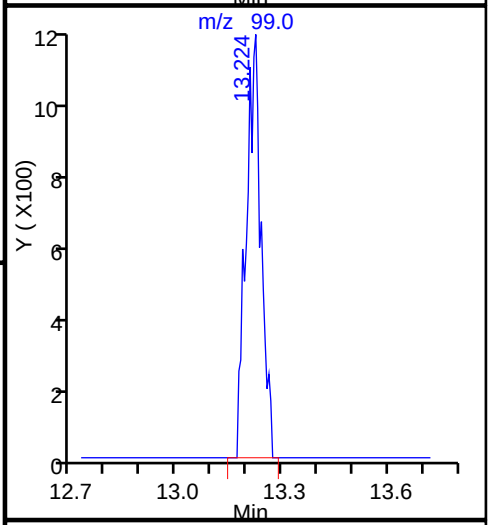
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

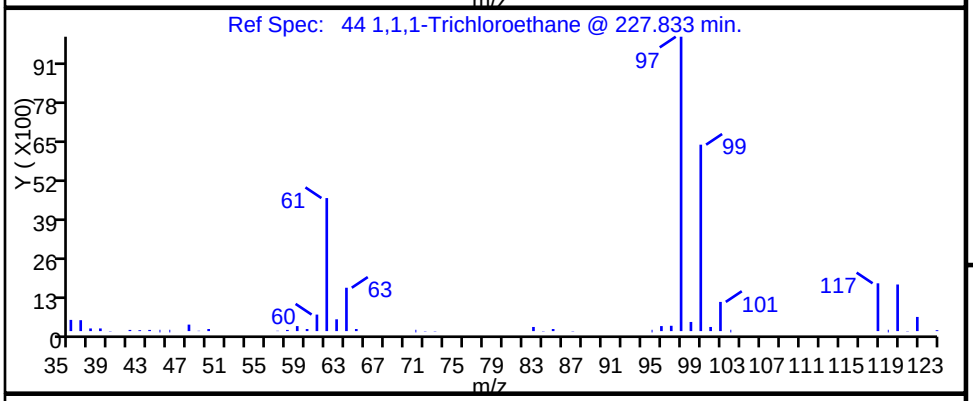
44 1,1,1-Trichloroethane, CAS: 71-55-6

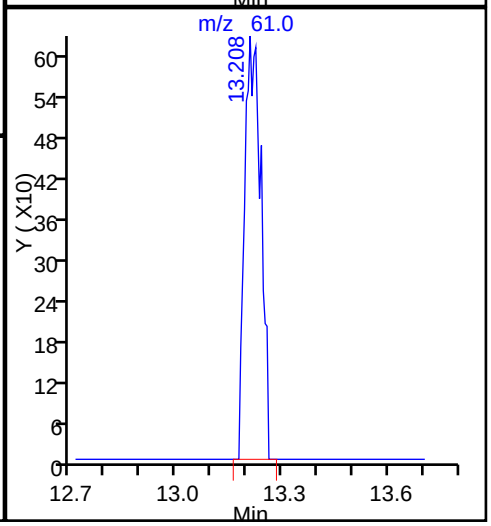


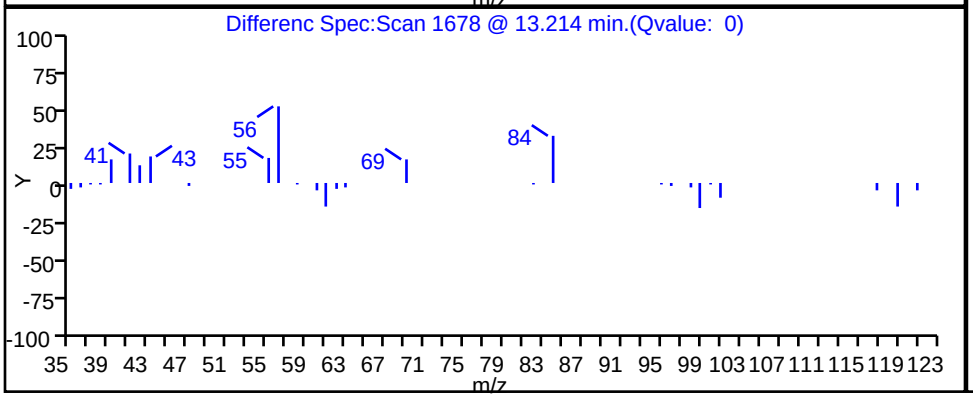










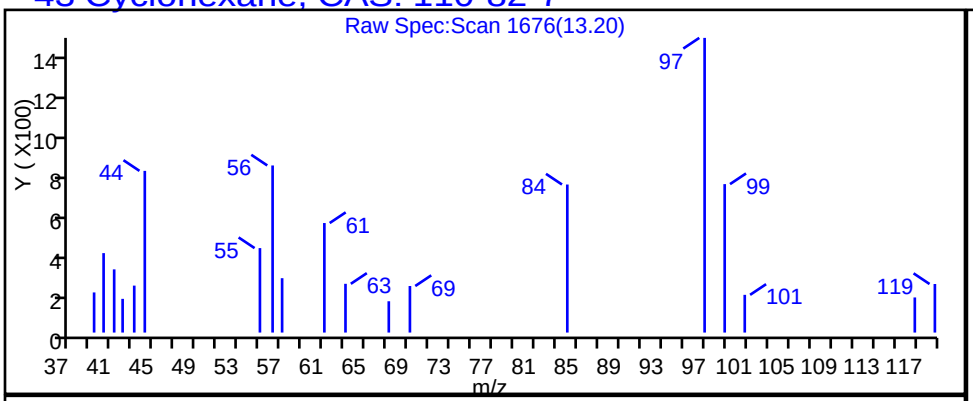


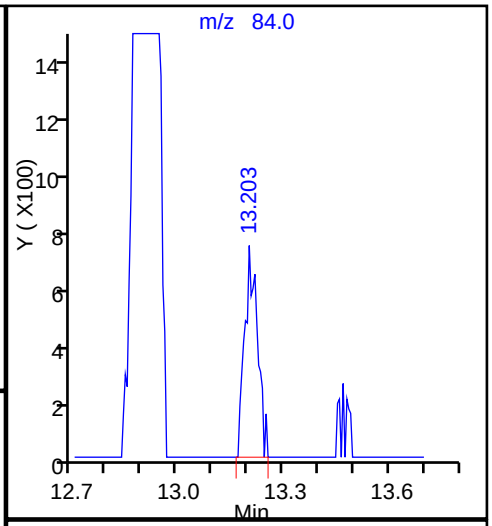
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

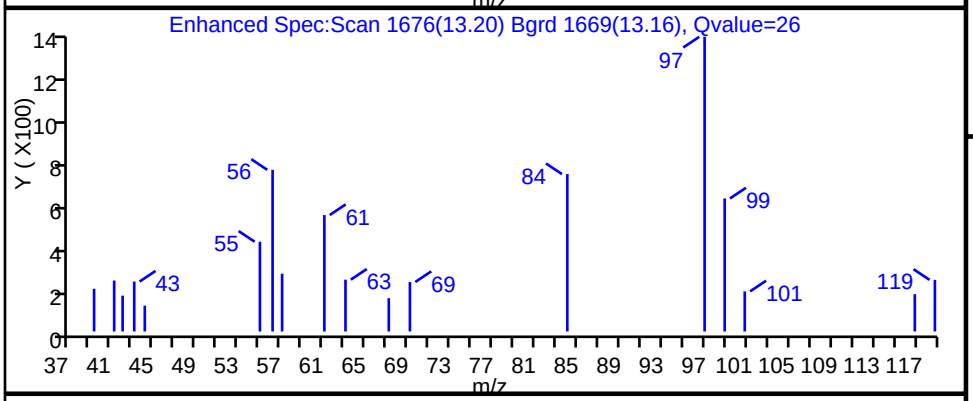
TestAmerica Burlington

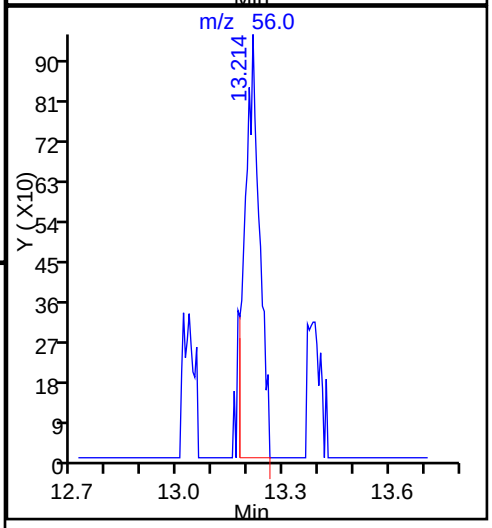
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

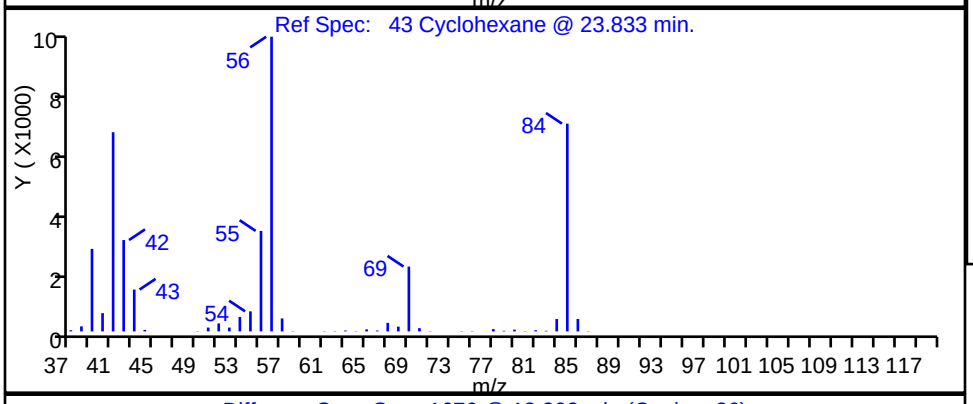
43 Cyclohexane, CAS: 110-82-7

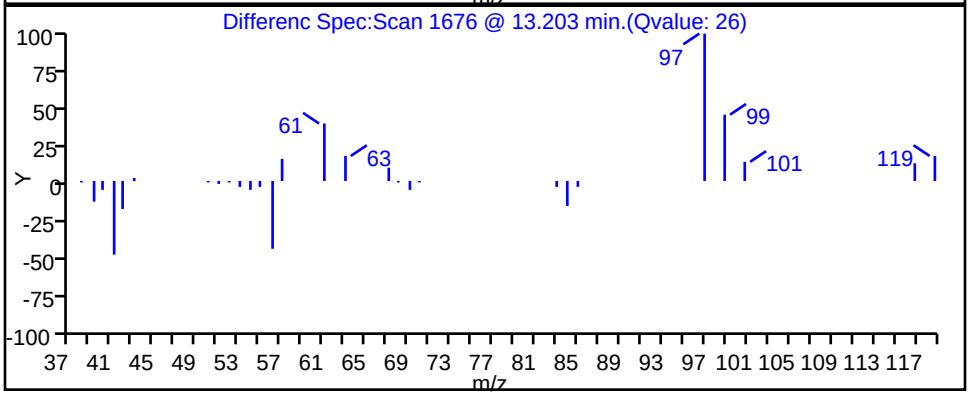












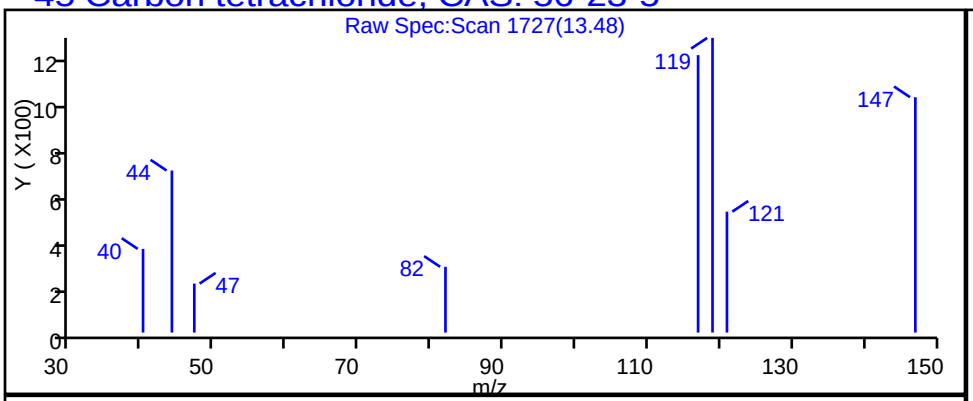
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

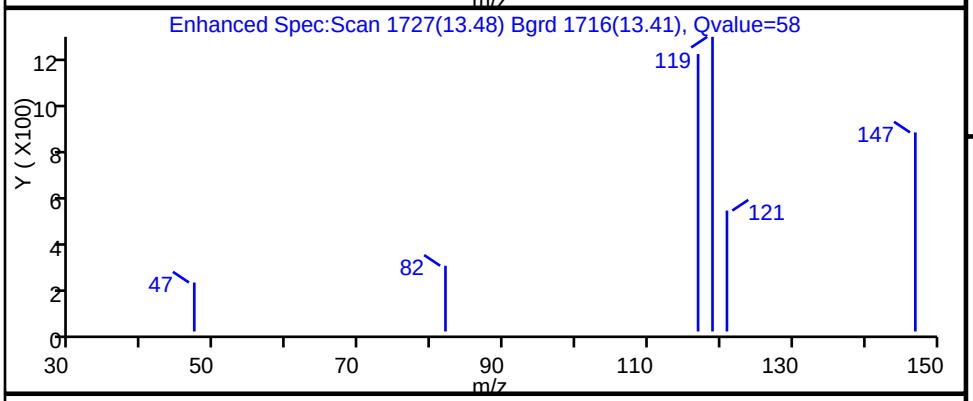
TestAmerica Burlington

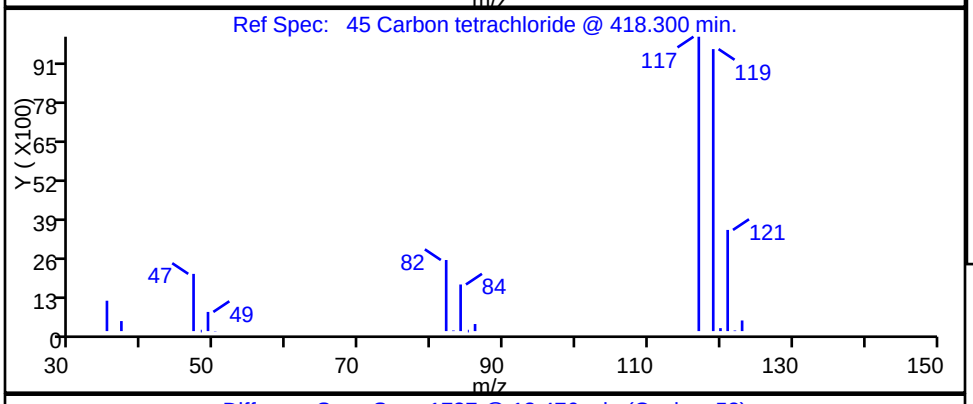
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

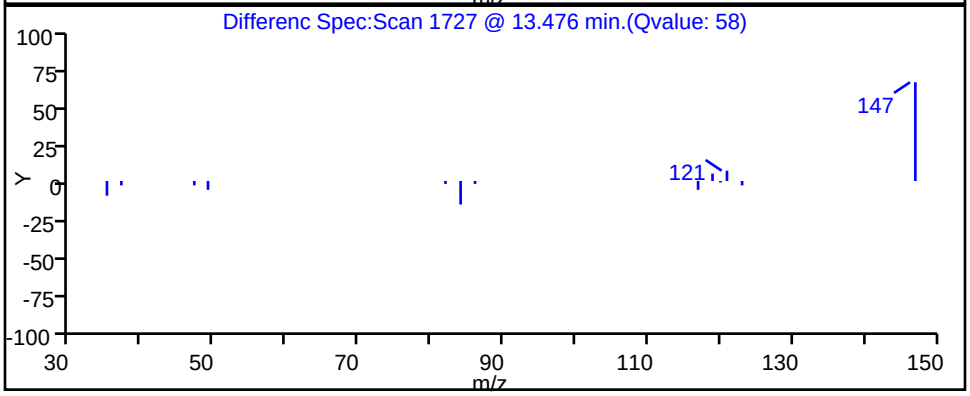
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

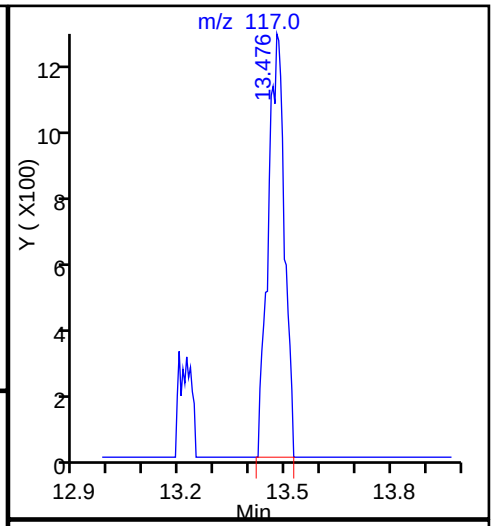
45 Carbon tetrachloride, CAS: 56-23-5

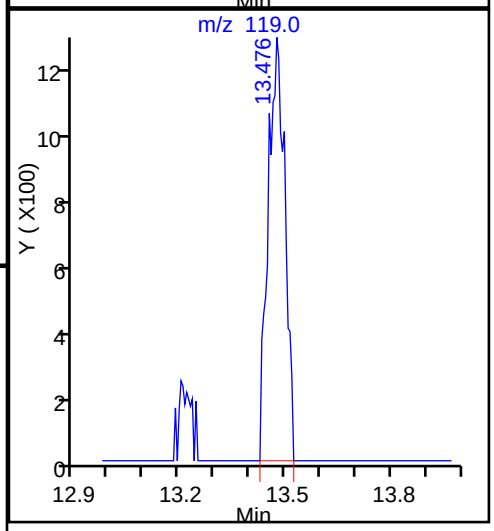












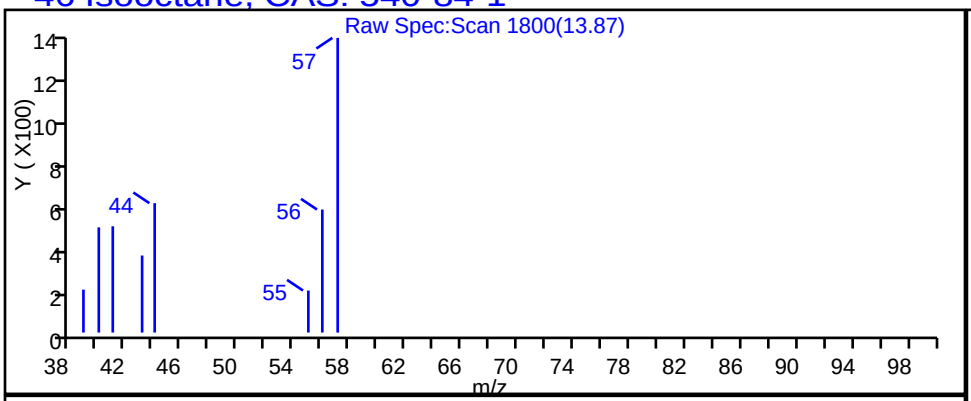
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

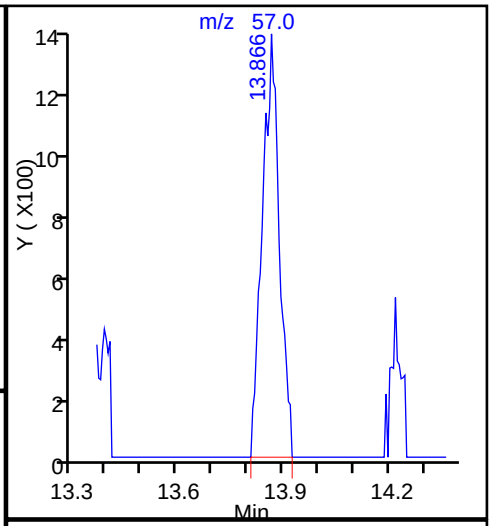
TestAmerica Burlington

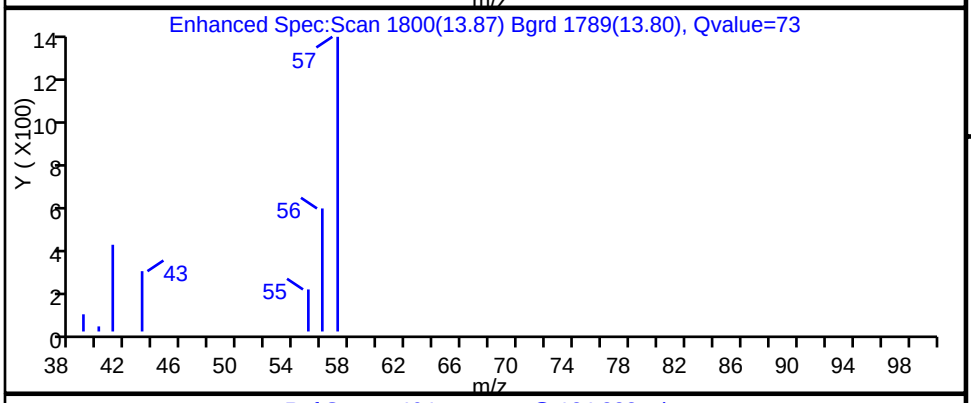
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

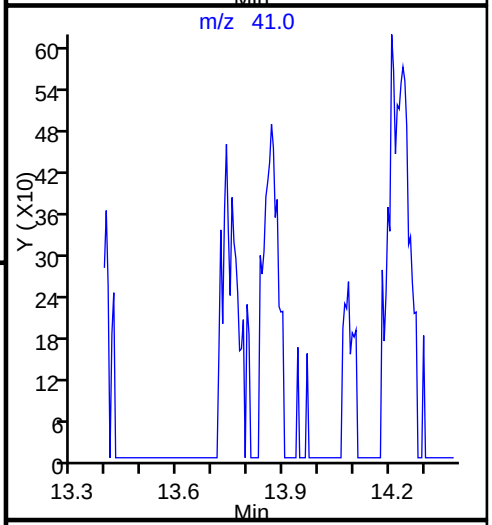
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

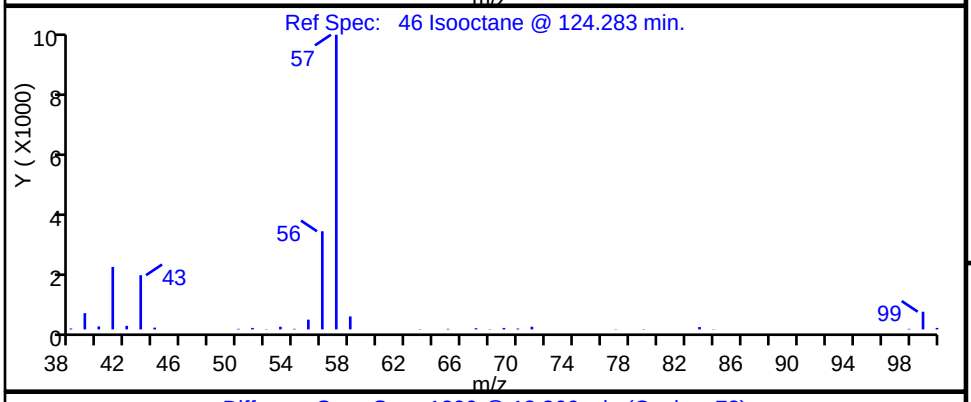
46 Isooctane, CAS: 540-84-1

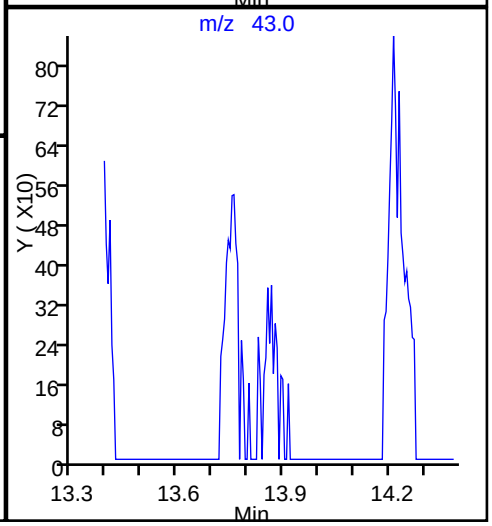


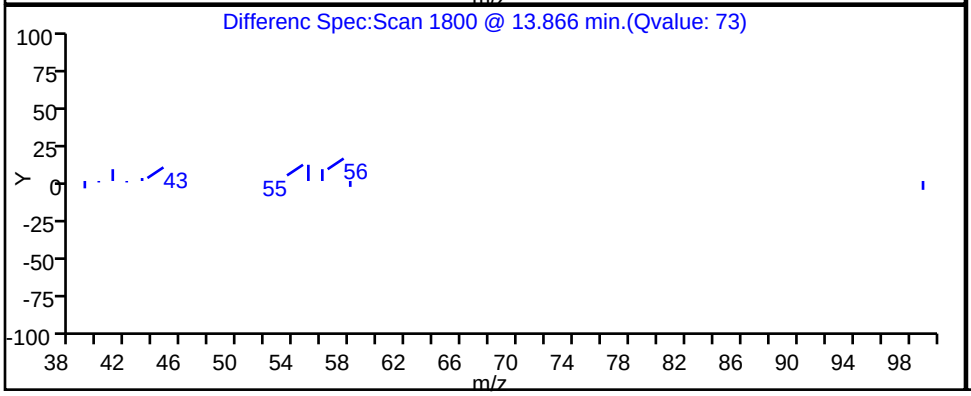












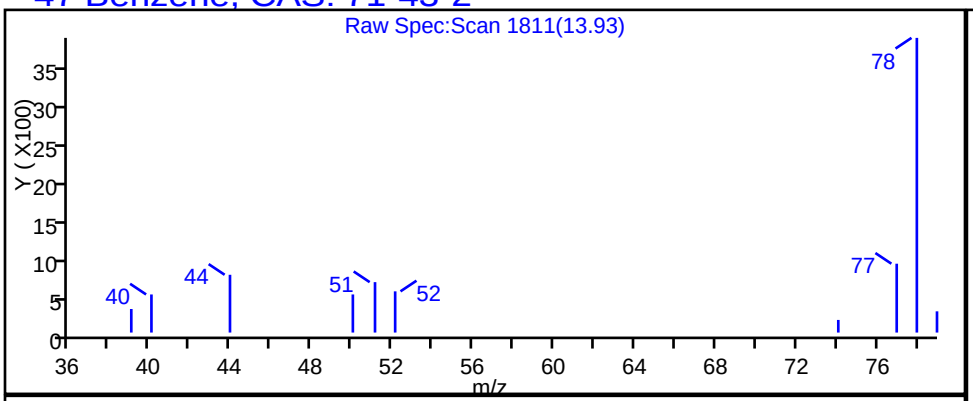
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

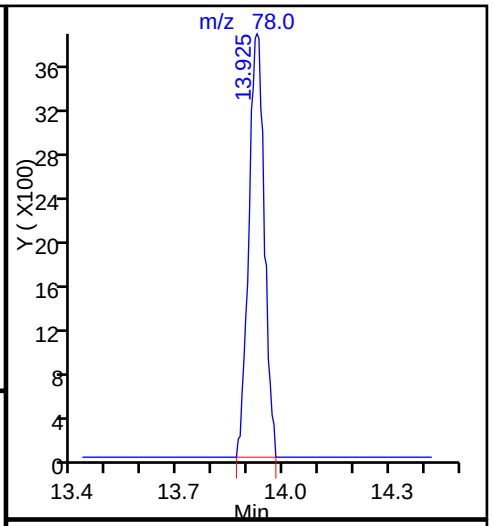
TestAmerica Burlington

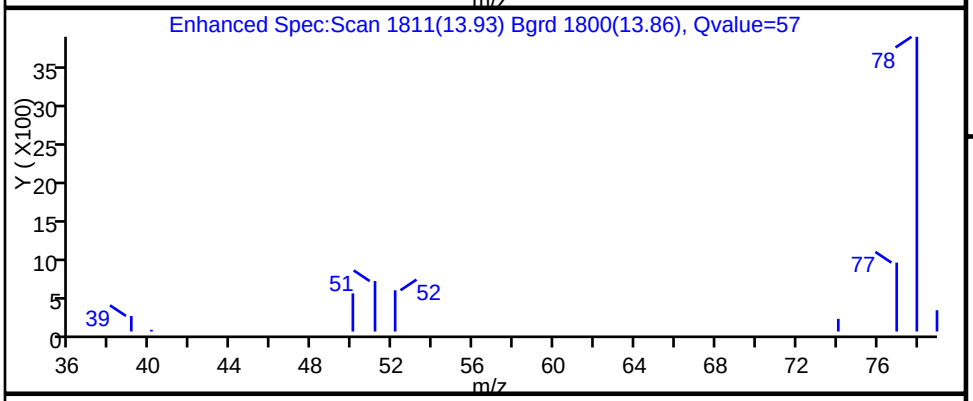
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

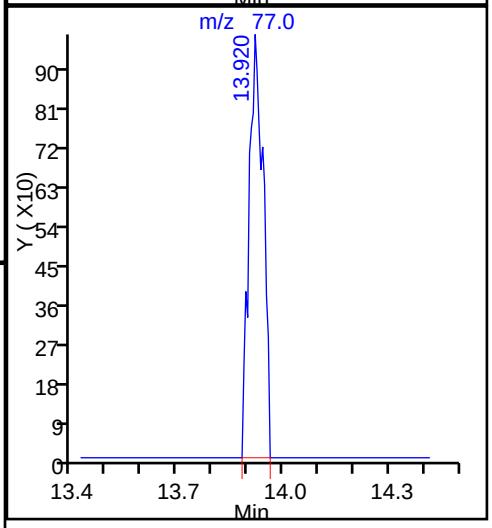
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

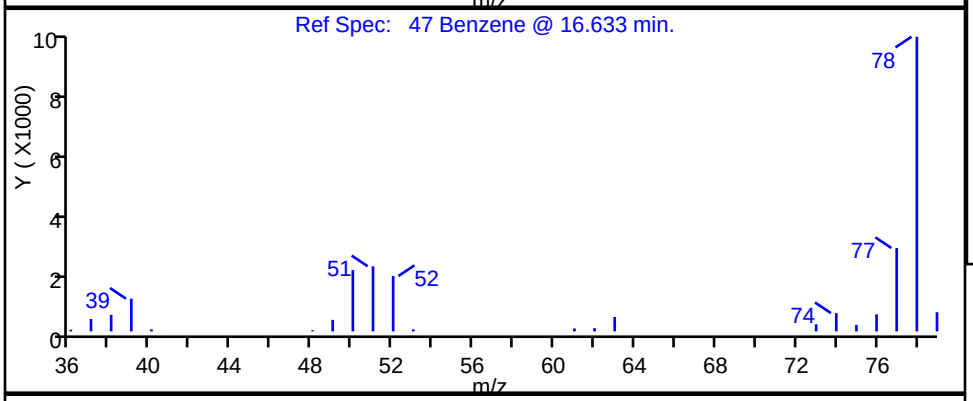
47 Benzene, CAS: 71-43-2

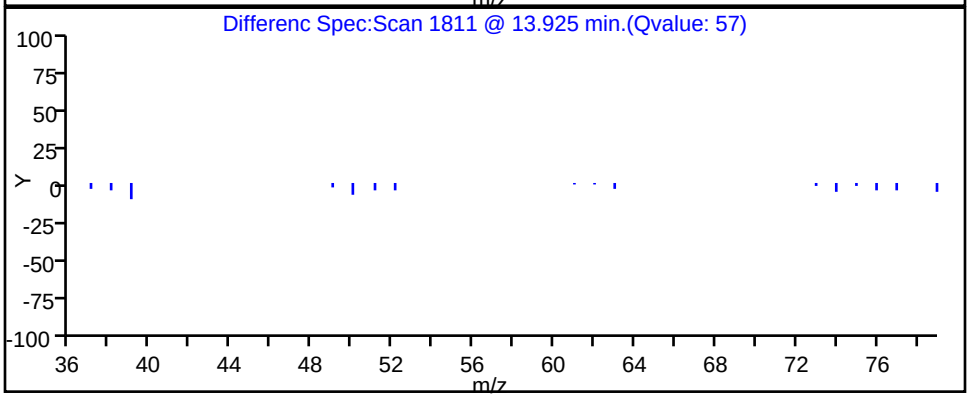












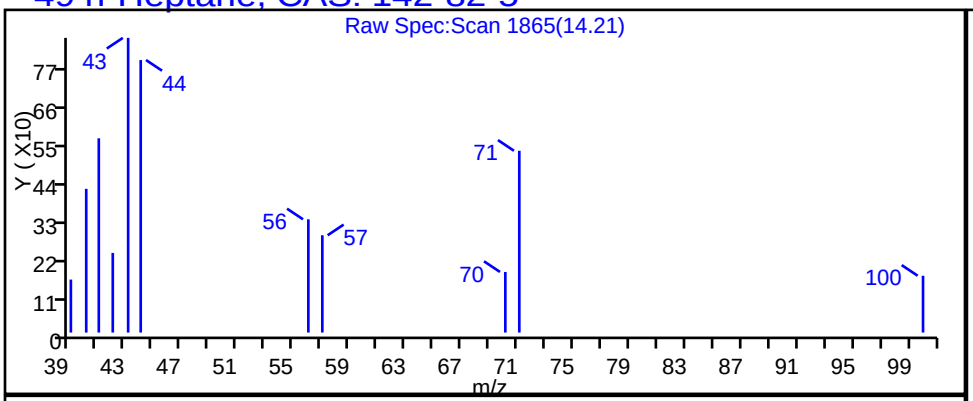
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

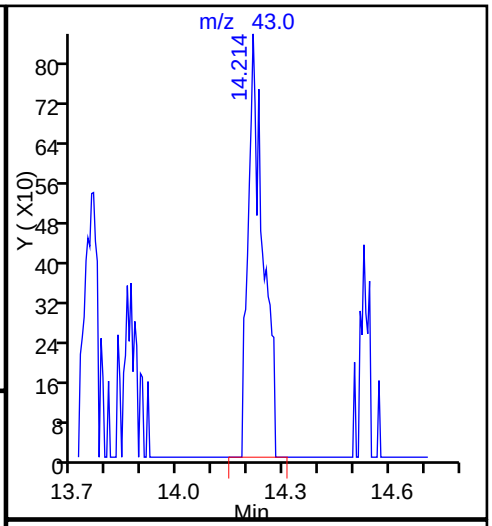
TestAmerica Burlington

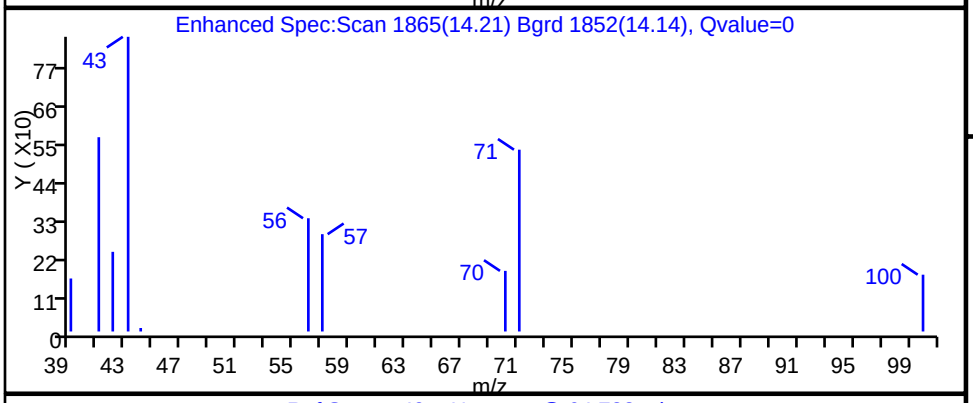
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

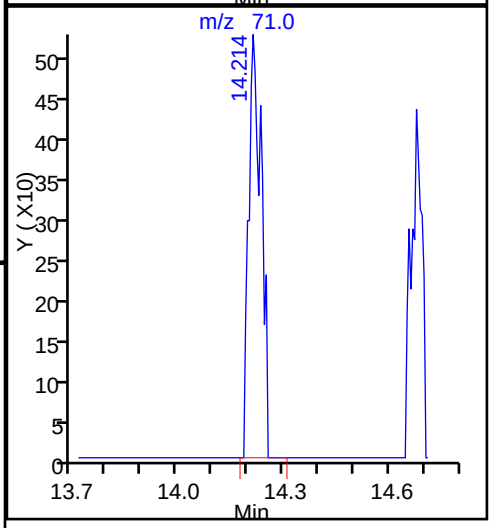
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3
Client ID:	101VMP0101FA		
Operator ID:	bpl	ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

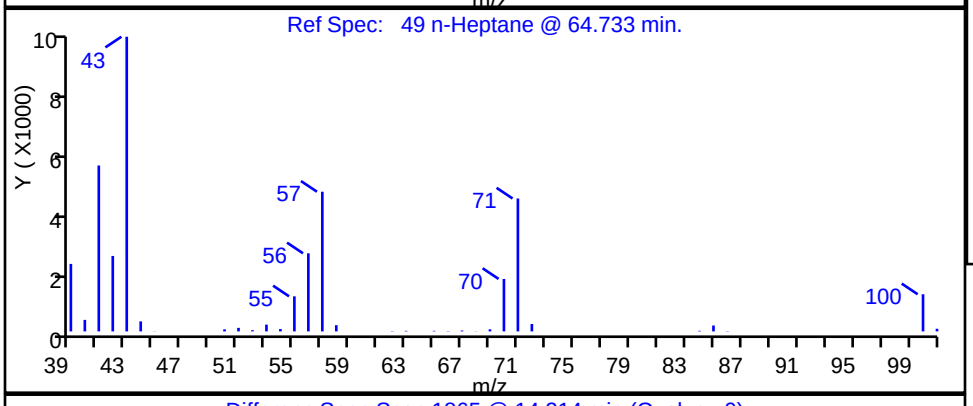
49 n-Heptane, CAS: 142-82-5

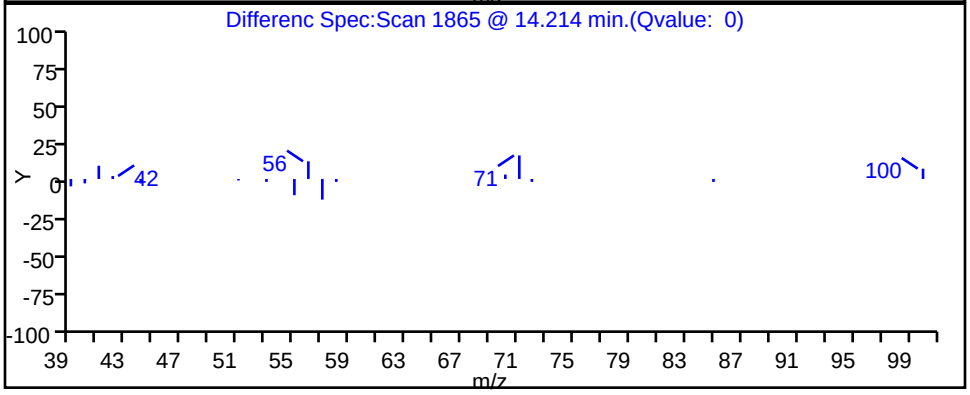












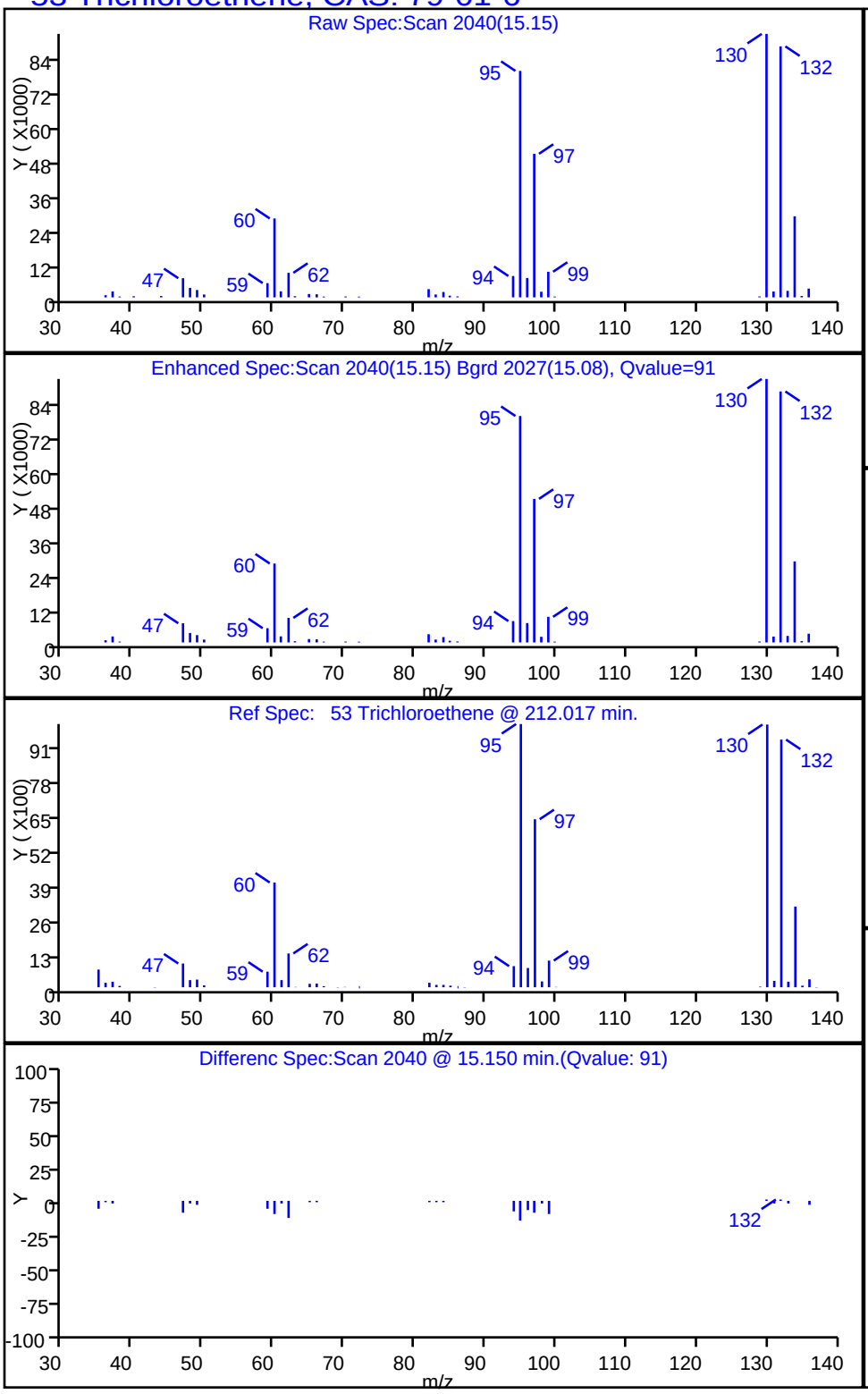
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

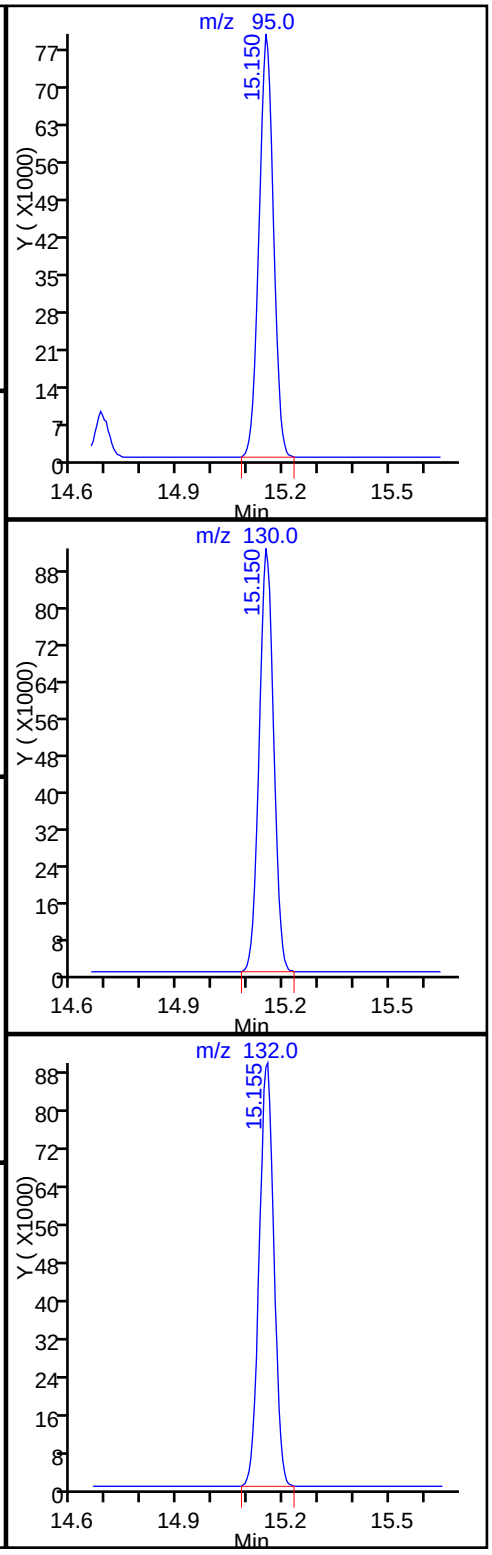
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 Trichloroethene, CAS: 79-01-6





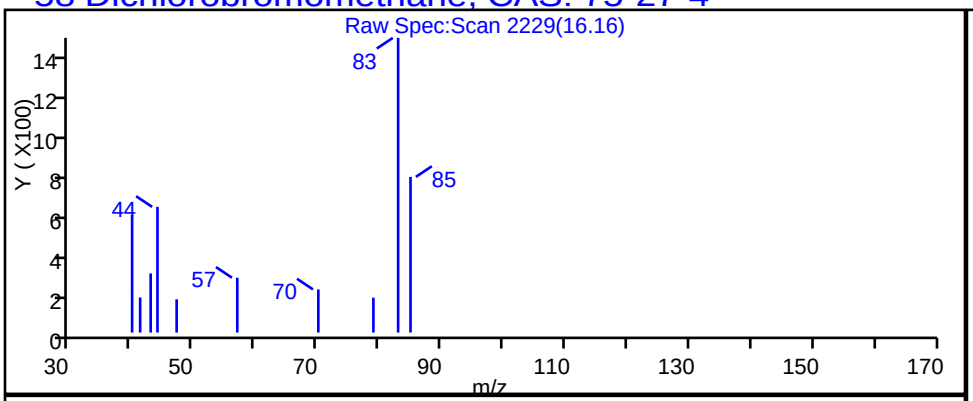
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

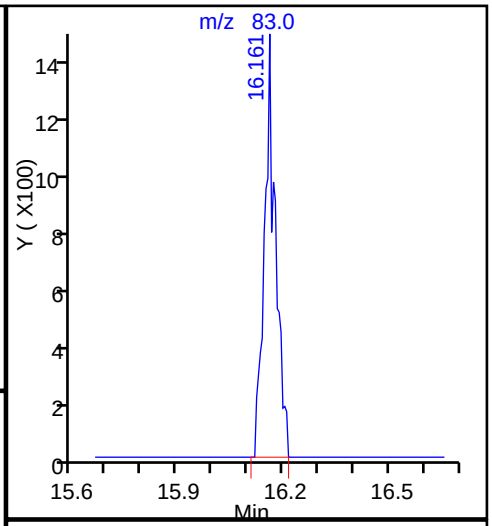
TestAmerica Burlington

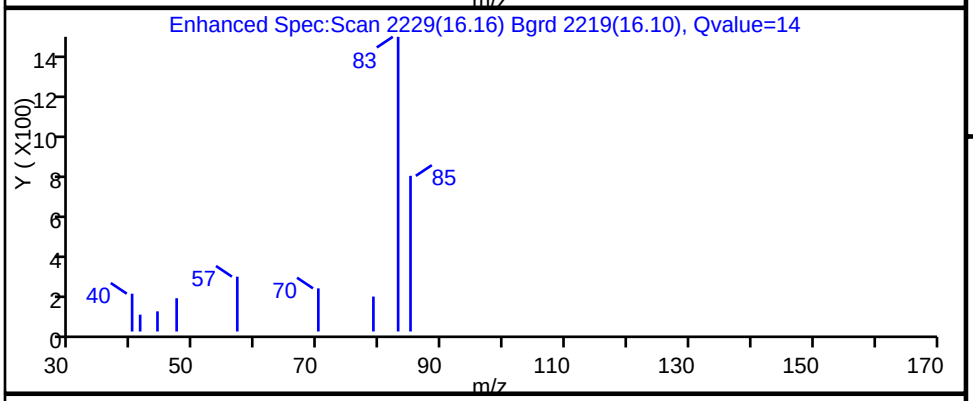
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

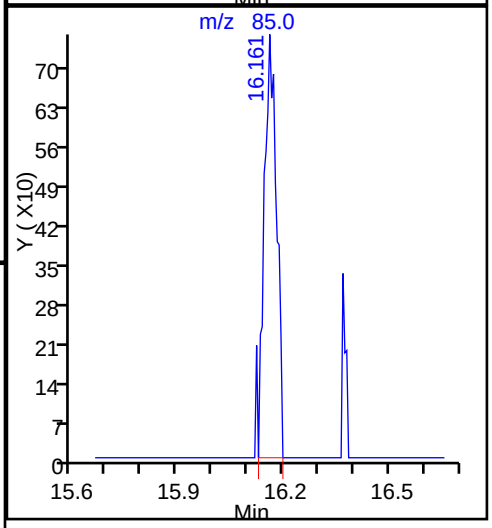
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

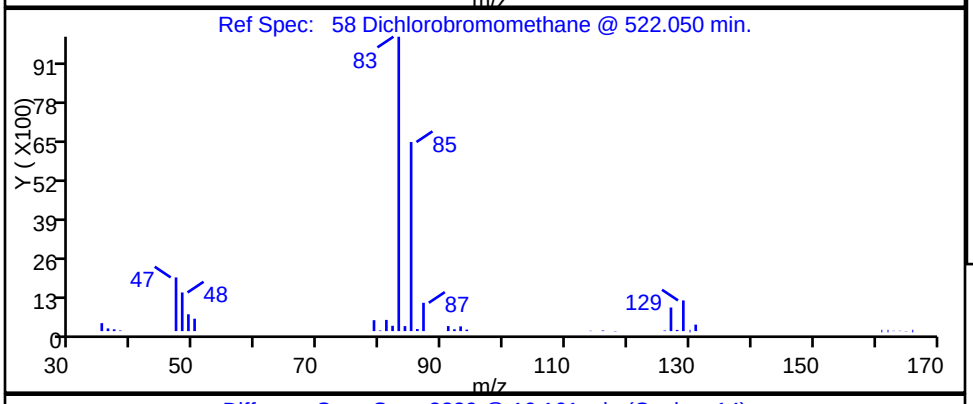
58 Dichlorobromomethane, CAS: 75-27-4

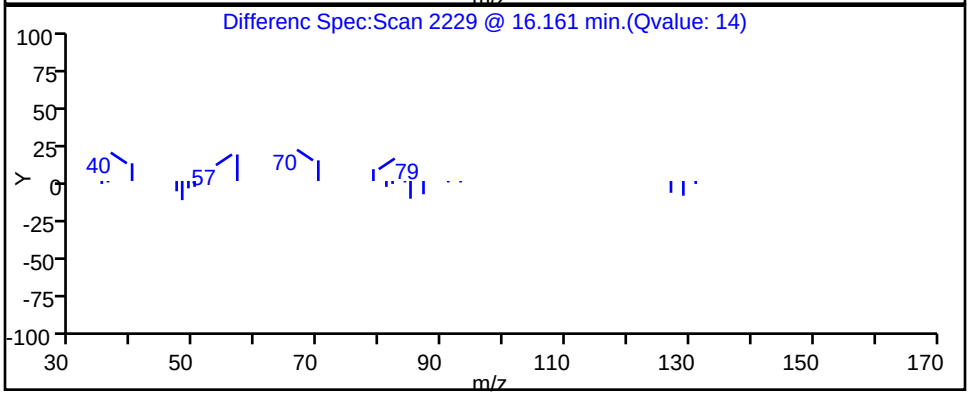










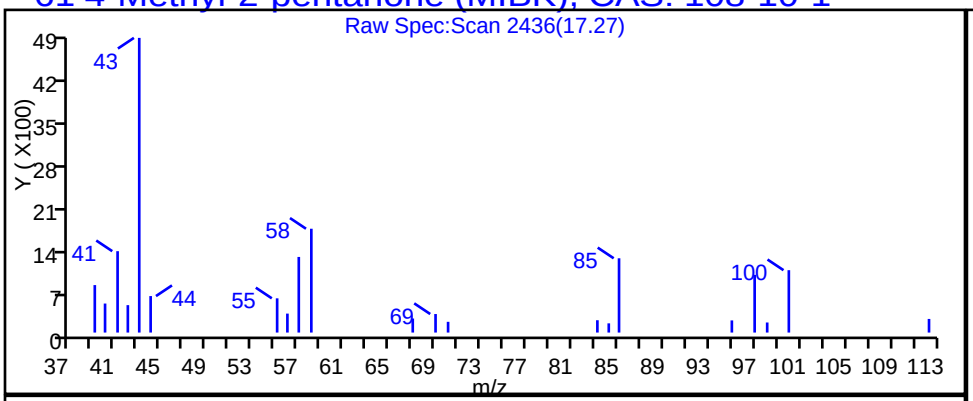


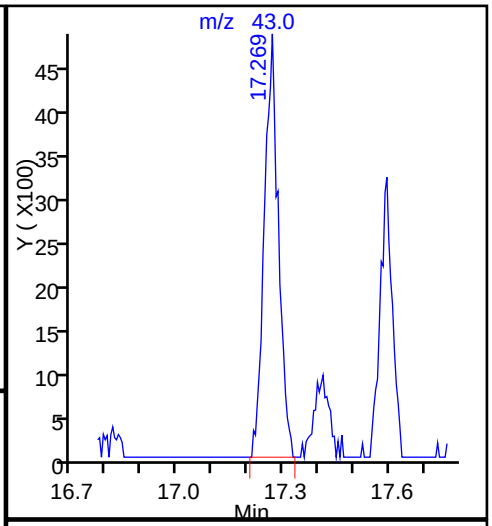
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

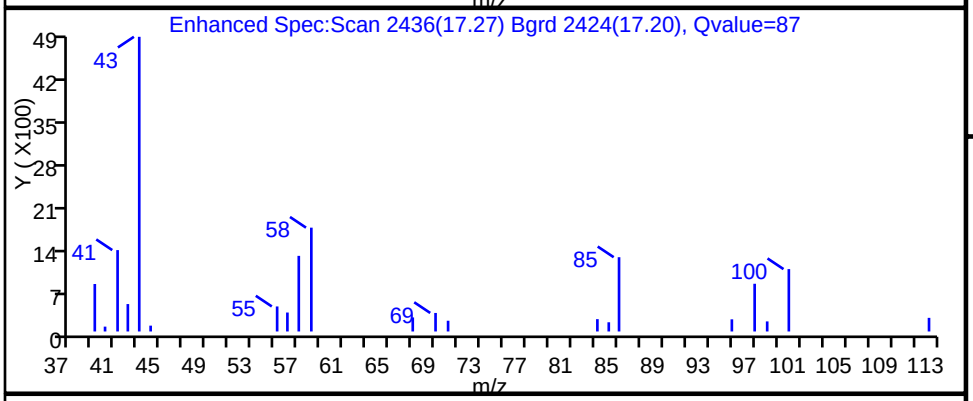
TestAmerica Burlington

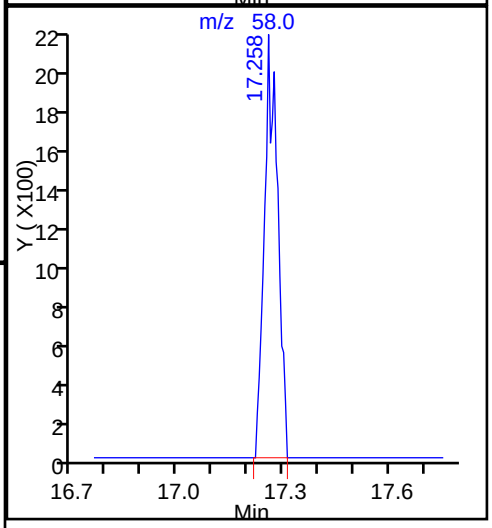
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

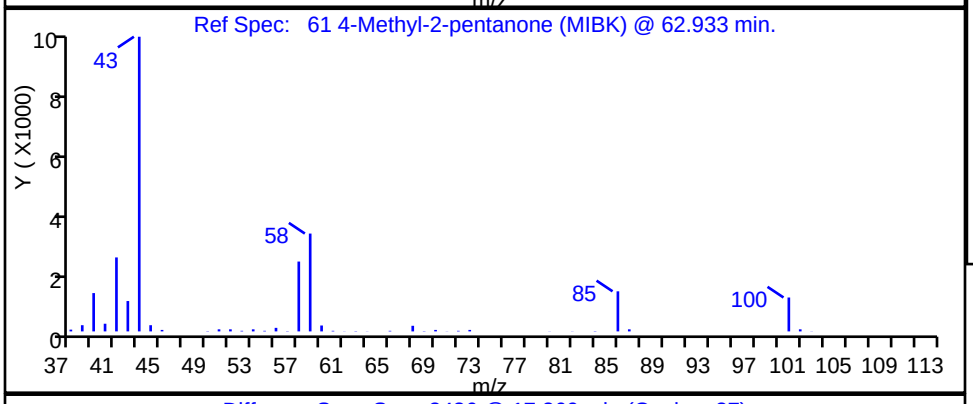
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

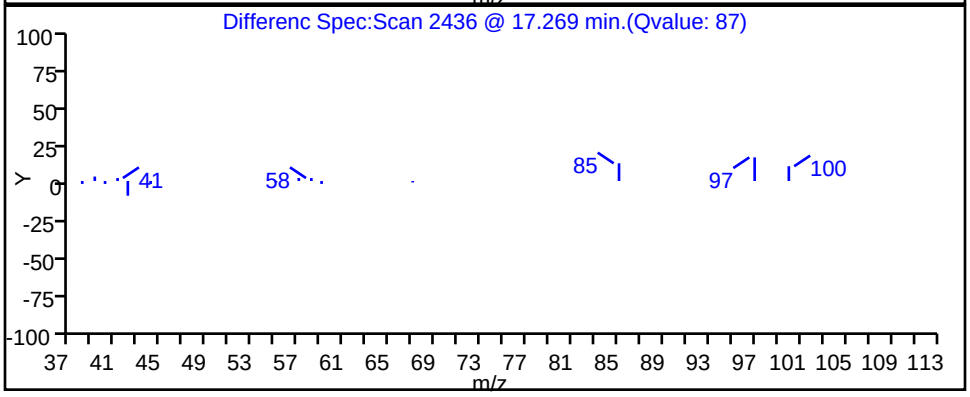










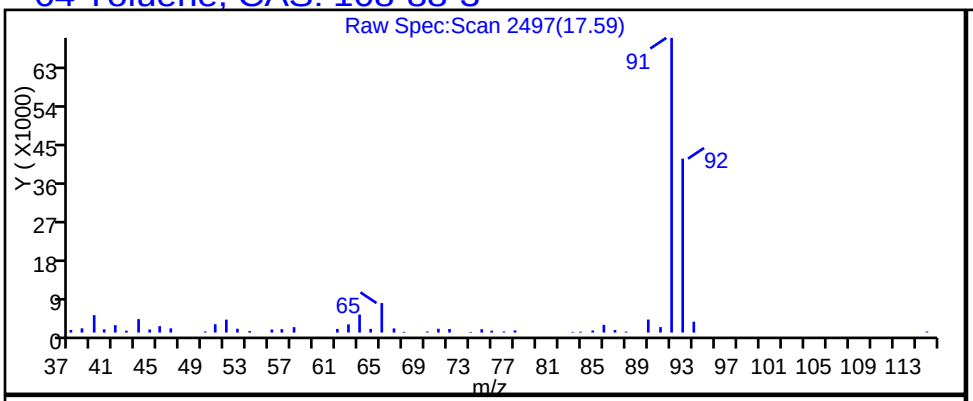


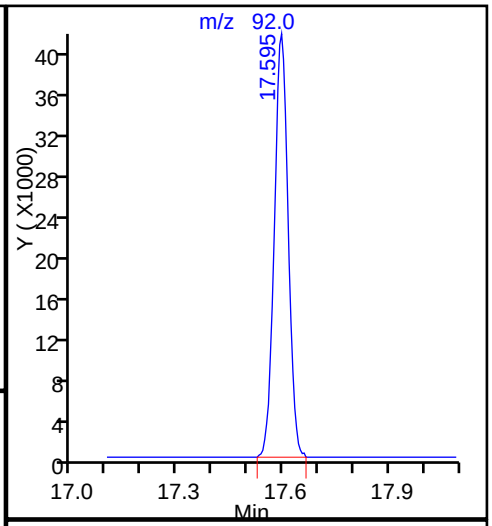
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

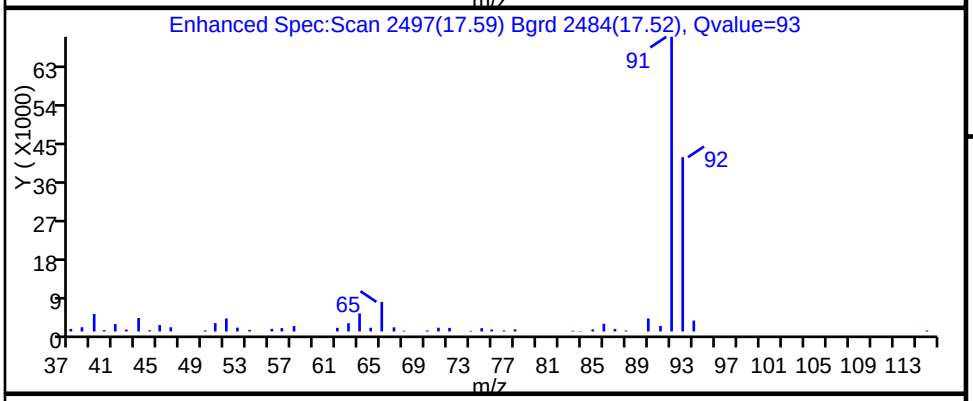
TestAmerica Burlington

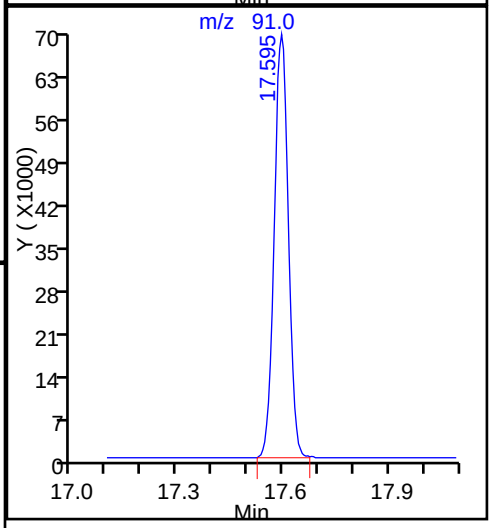
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d		
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3
Client ID:	101VMP0101FA		
Operator ID:	bpl	ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

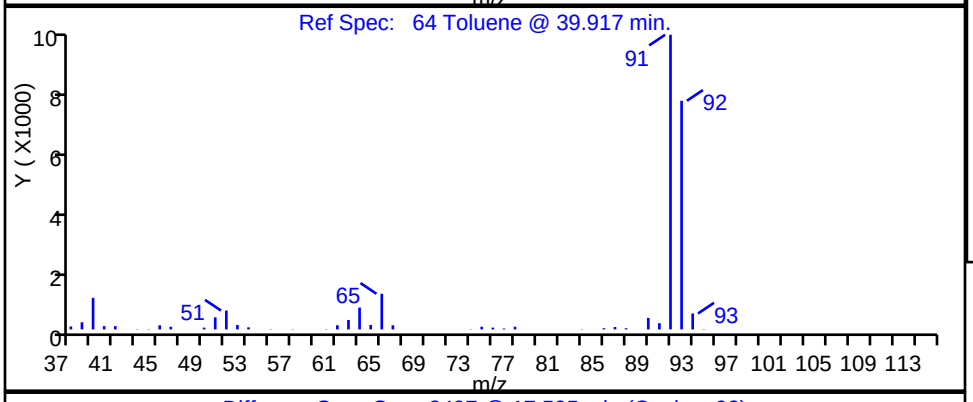
64 Toluene, CAS: 108-88-3

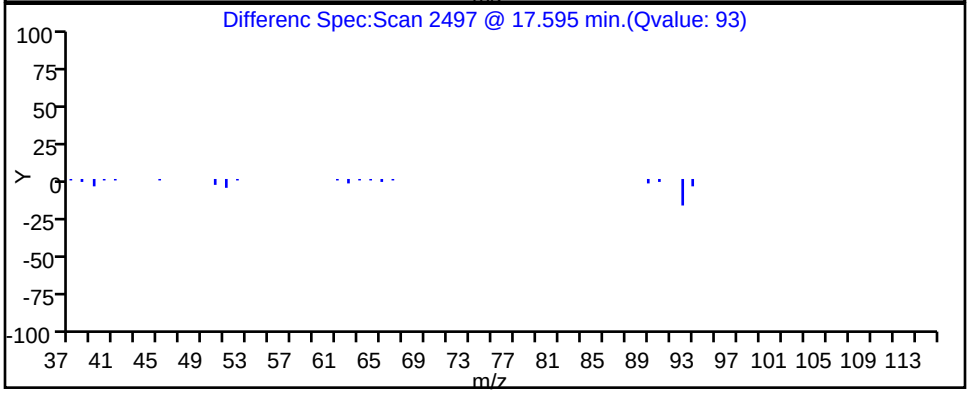










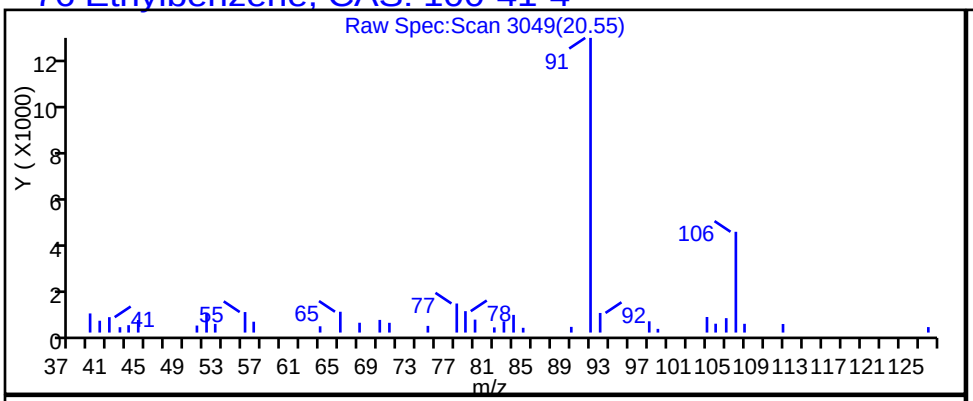


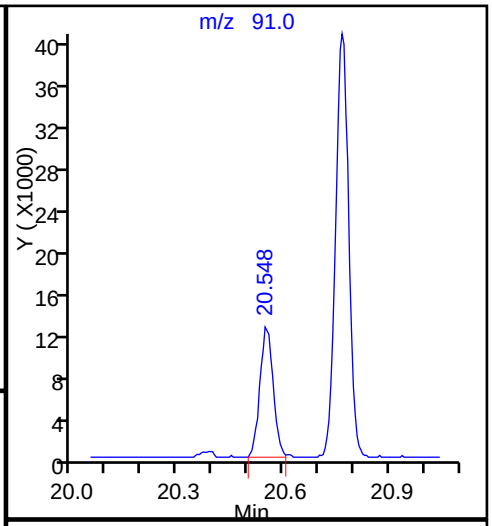
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

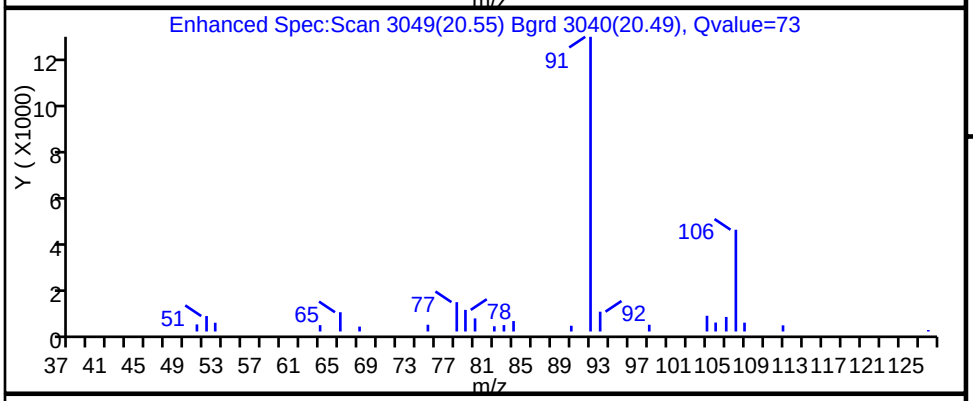
TestAmerica Burlington

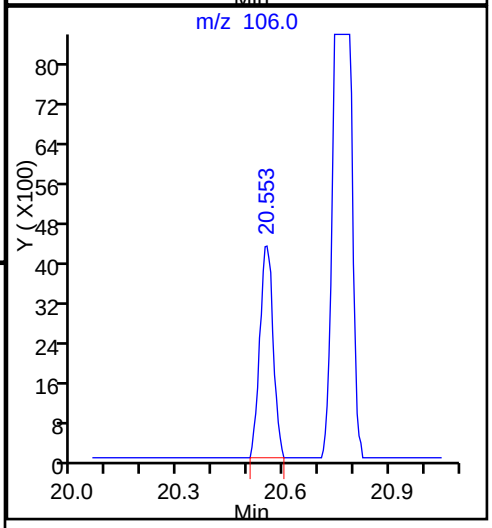
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

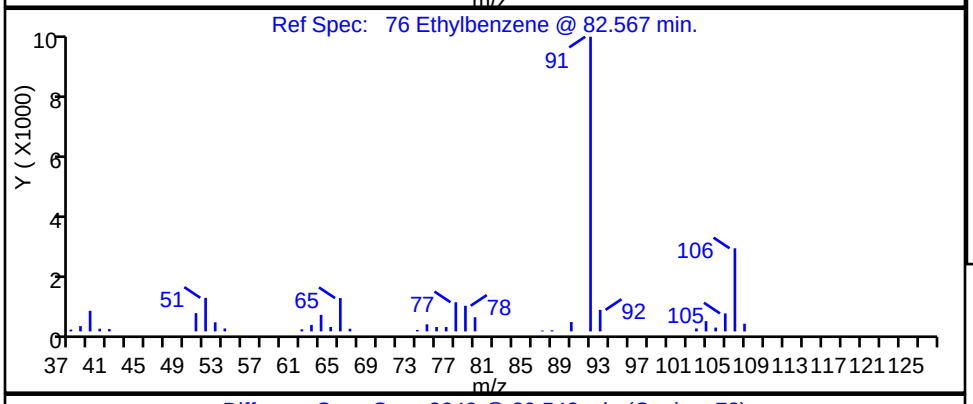
76 Ethylbenzene, CAS: 100-41-4

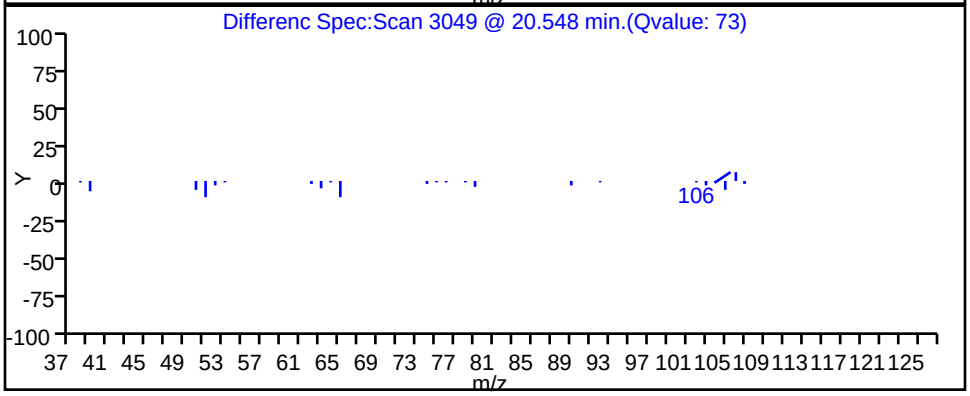










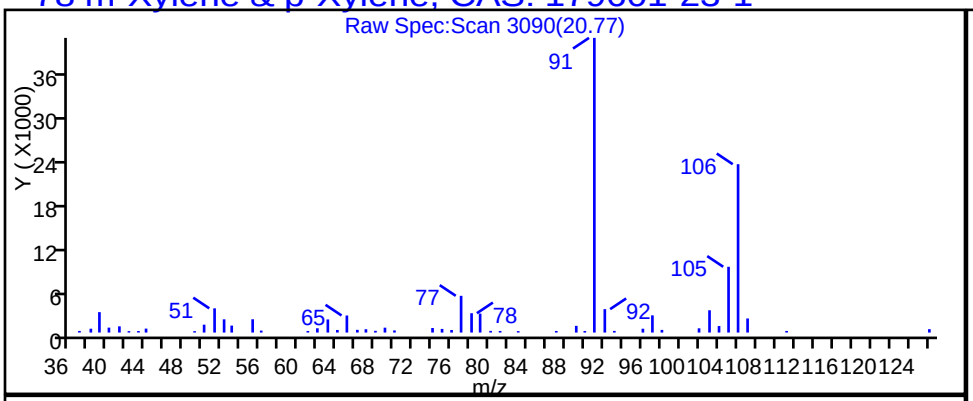


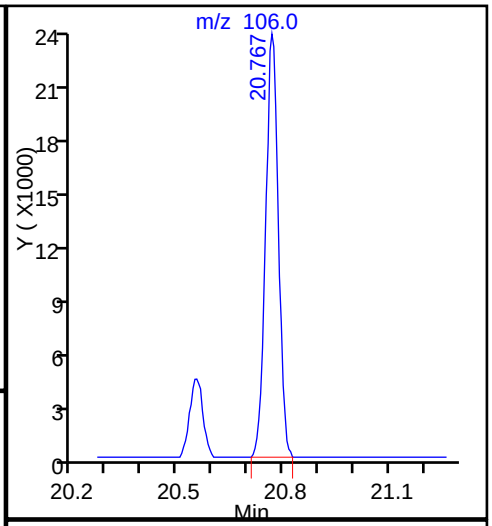
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

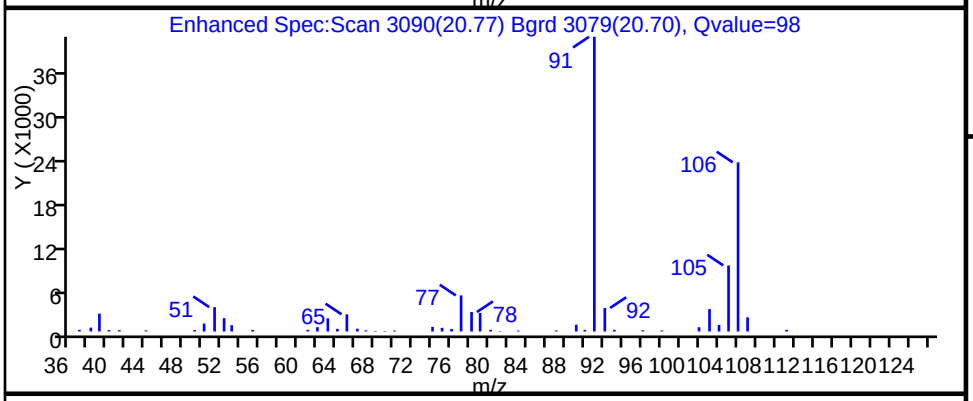
TestAmerica Burlington

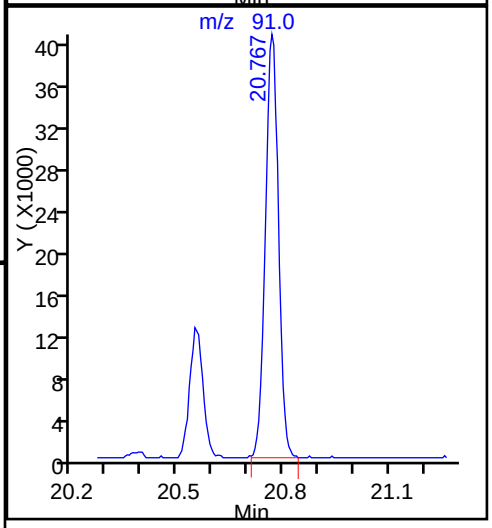
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

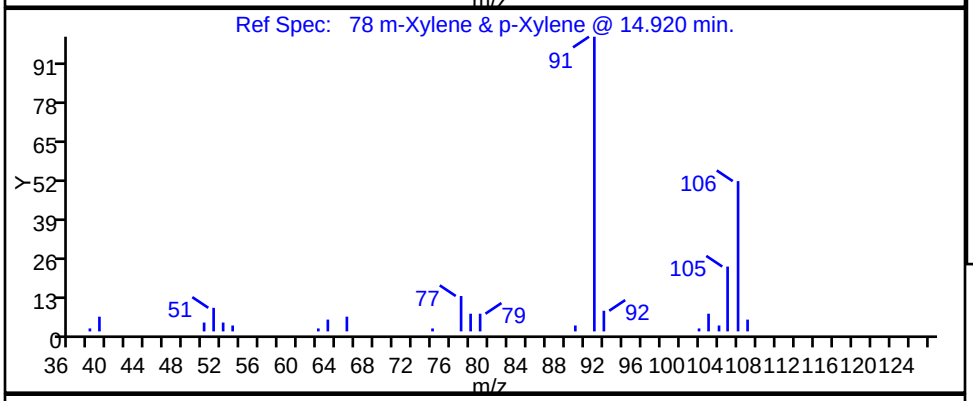
78 m-Xylene & p-Xylene, CAS: 179601-23-1

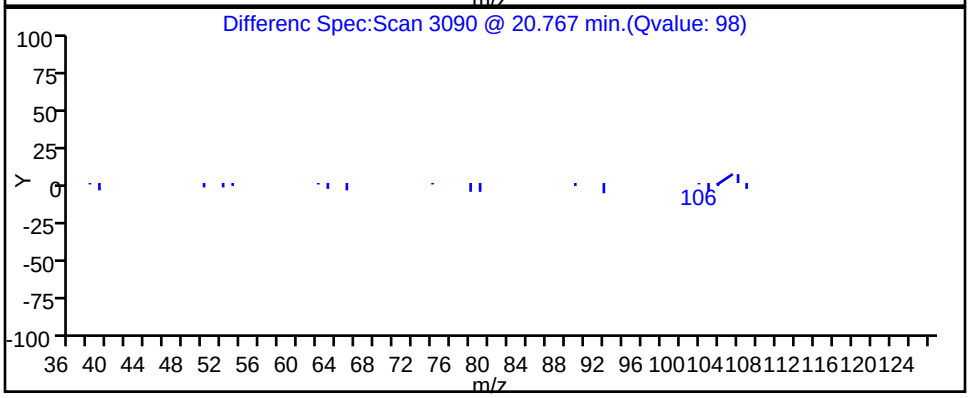












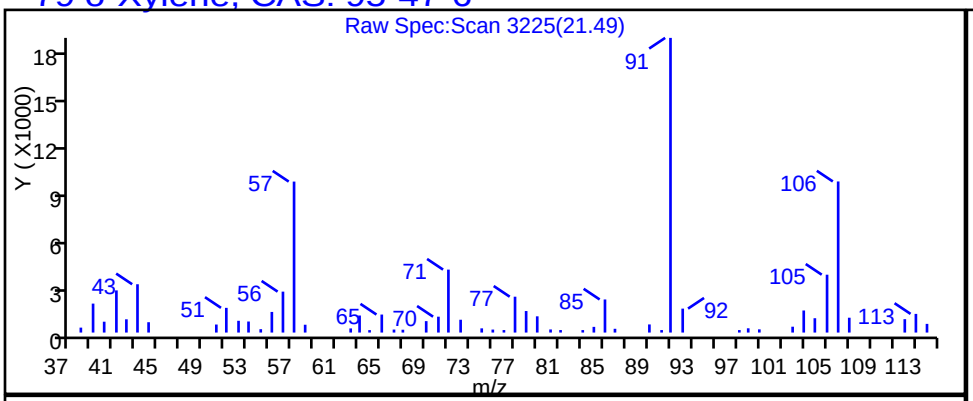
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

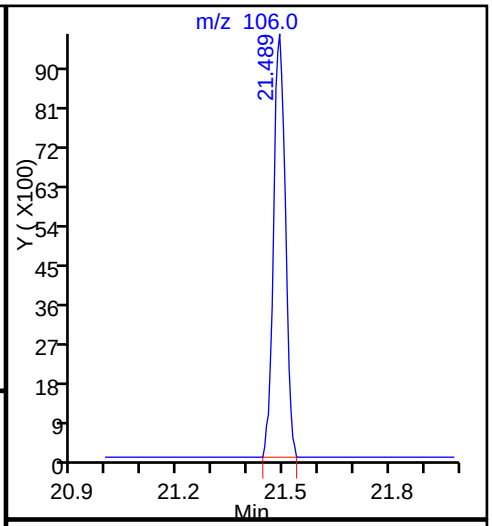
TestAmerica Burlington

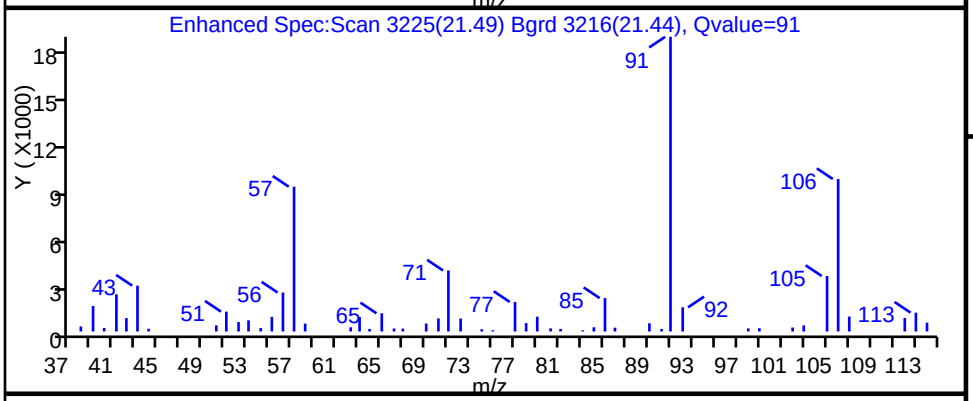
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

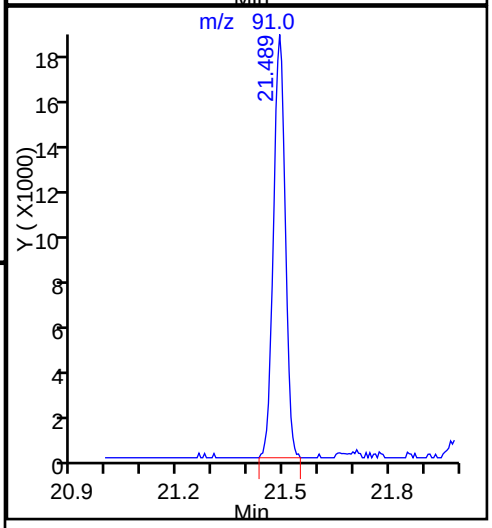
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

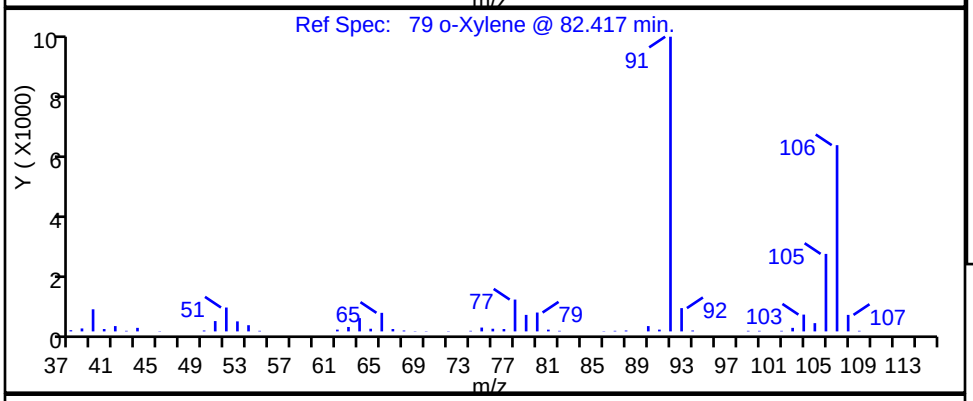
79 o-Xylene, CAS: 95-47-6

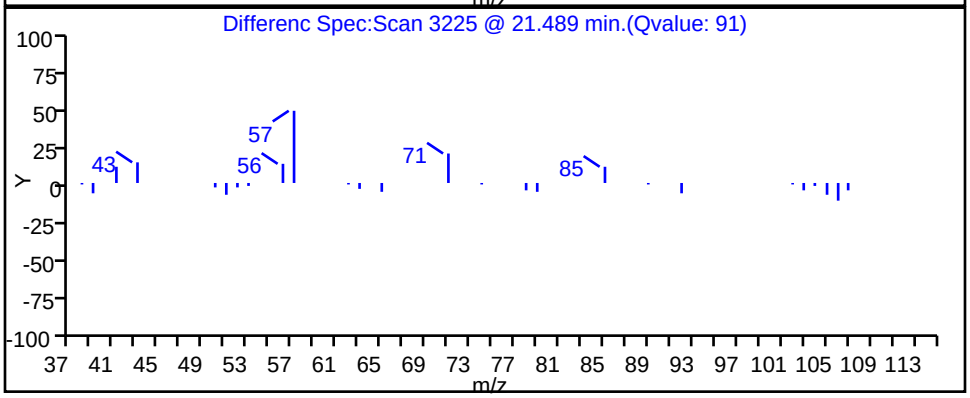












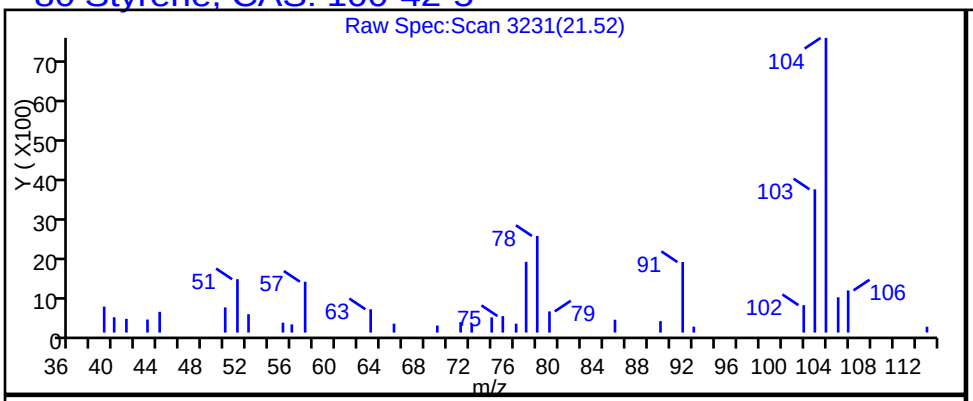
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

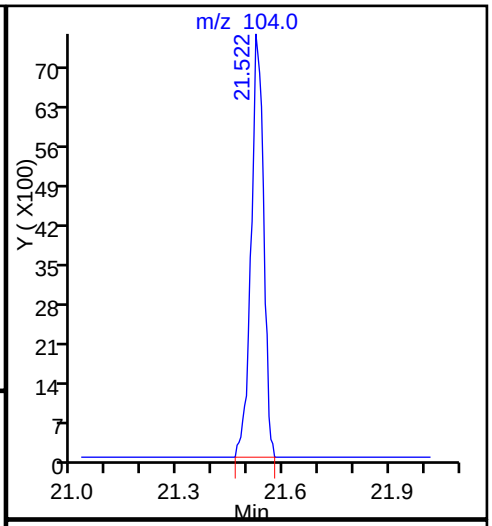
TestAmerica Burlington

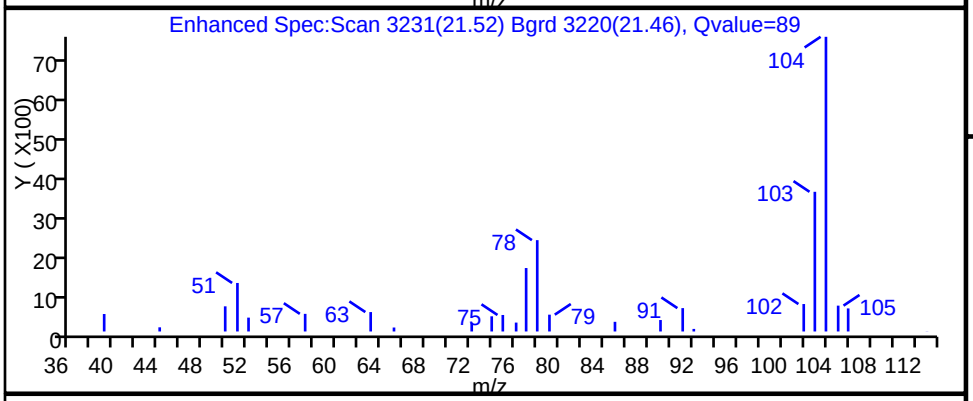
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

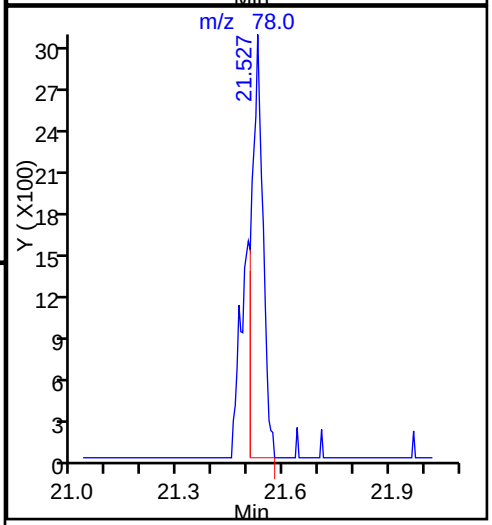
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

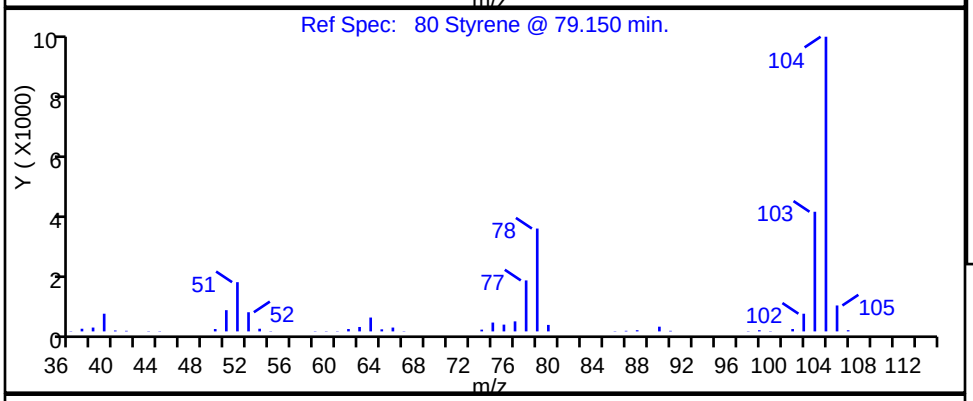
80 Styrene, CAS: 100-42-5

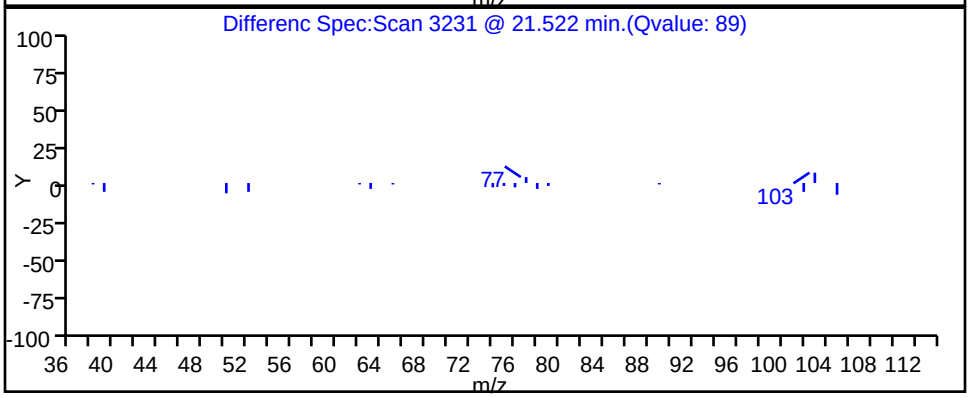












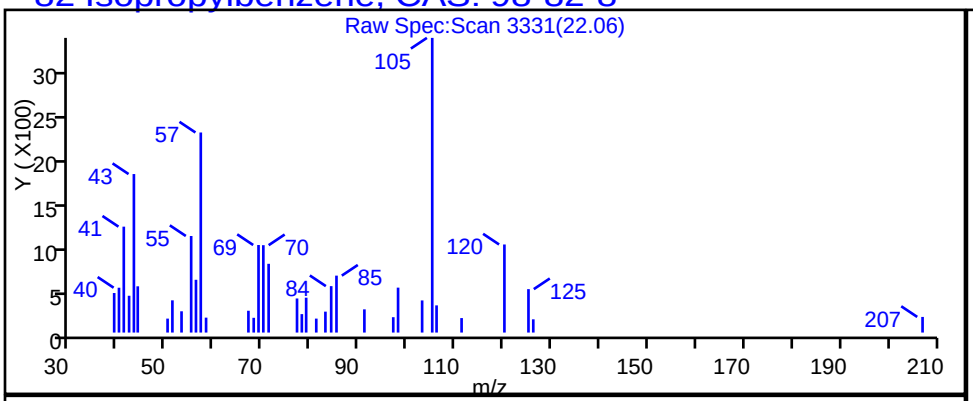
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

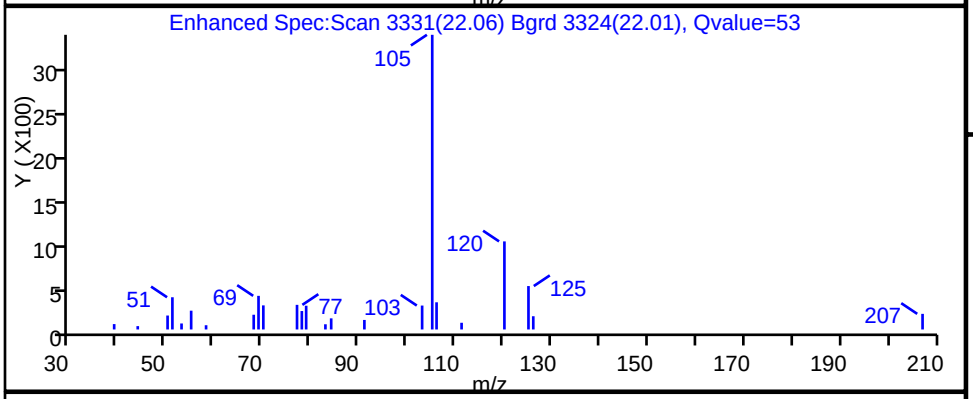
TestAmerica Burlington

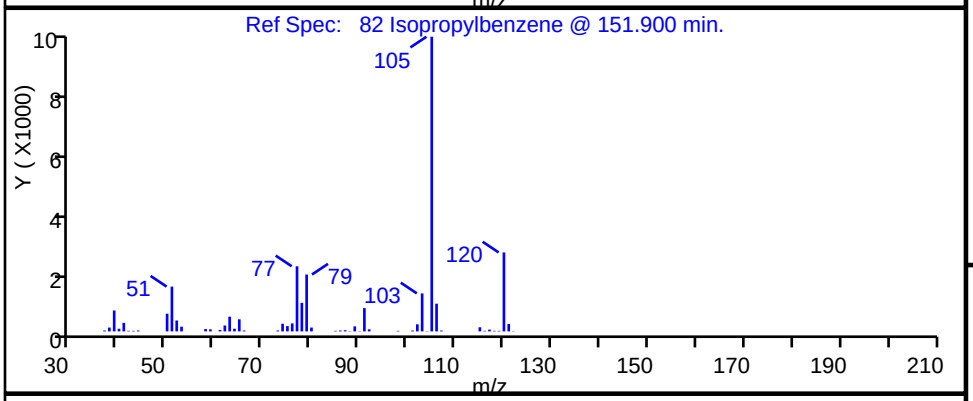
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

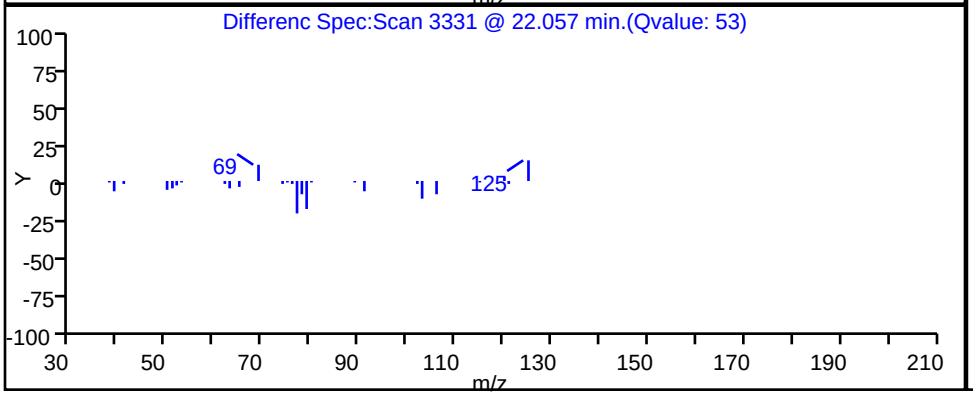
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

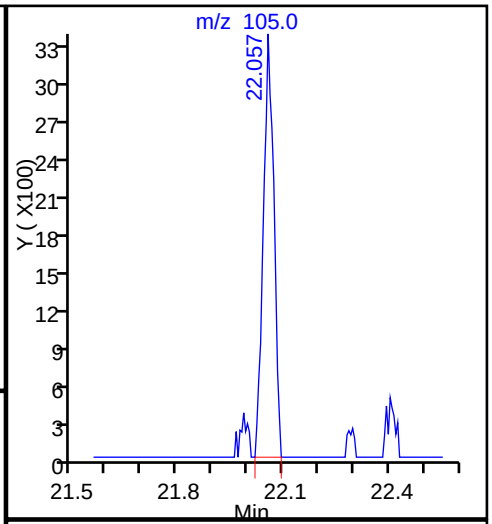
82 Isopropylbenzene, CAS: 98-82-8

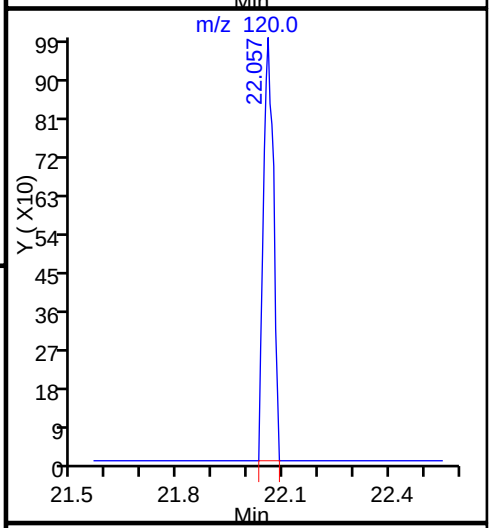


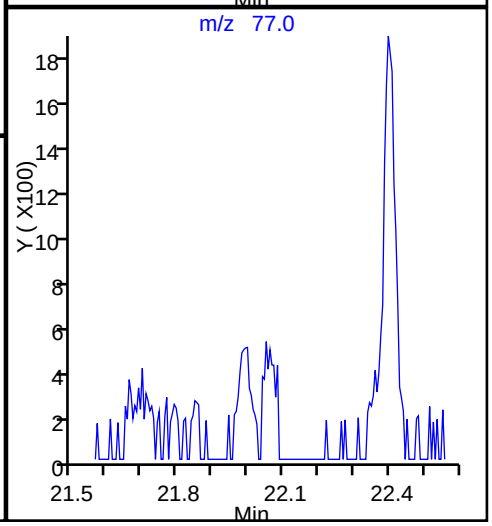












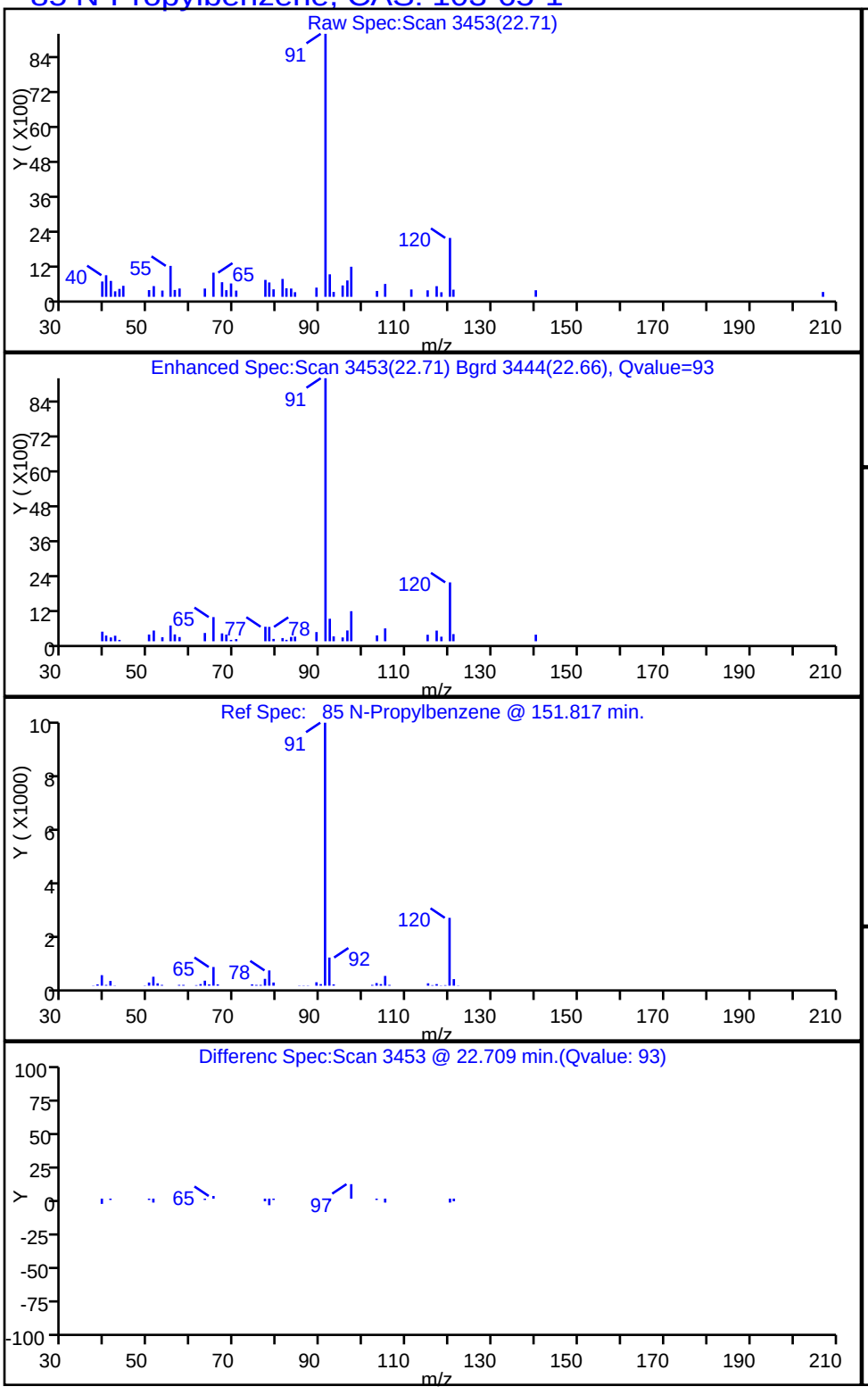
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

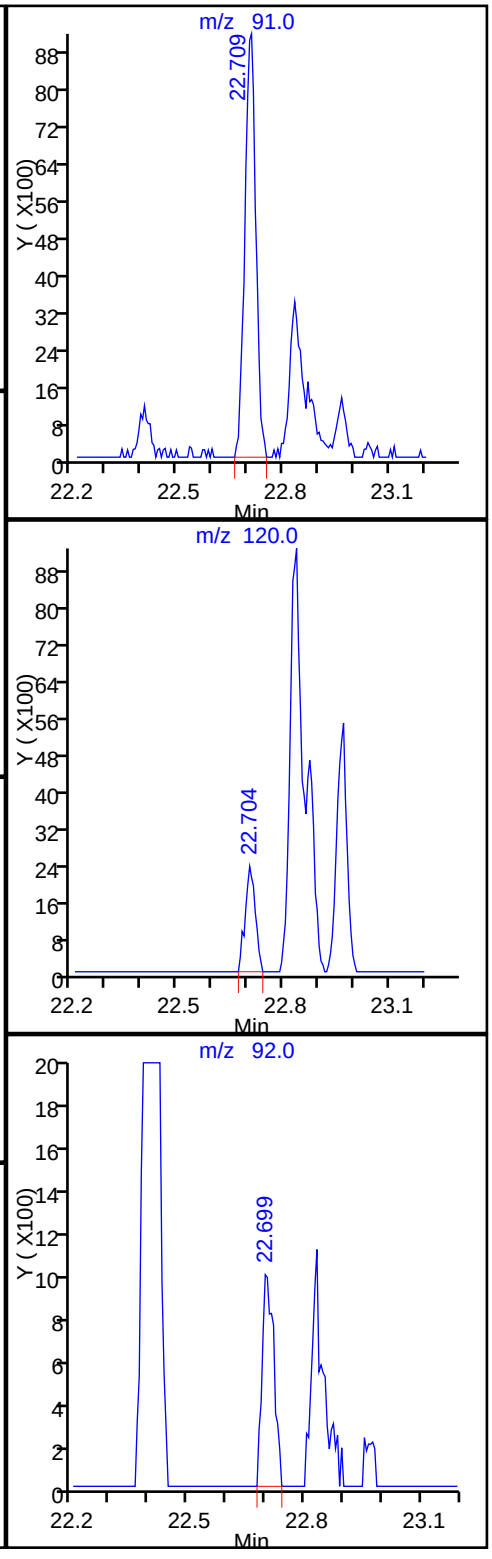
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1





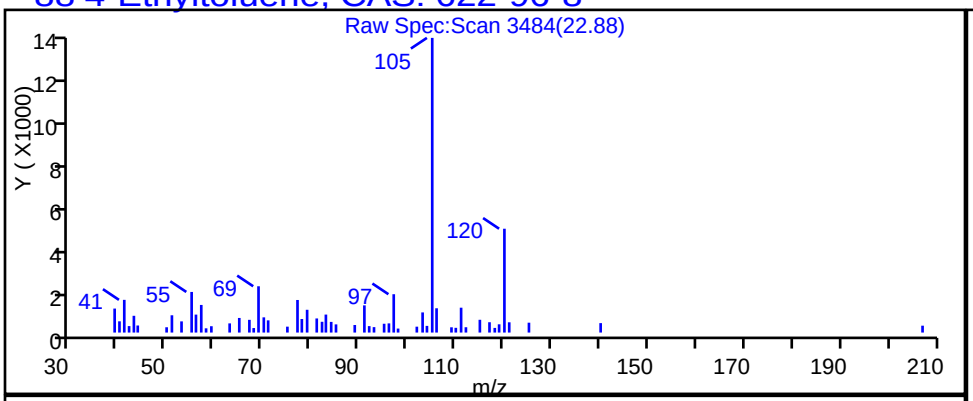
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

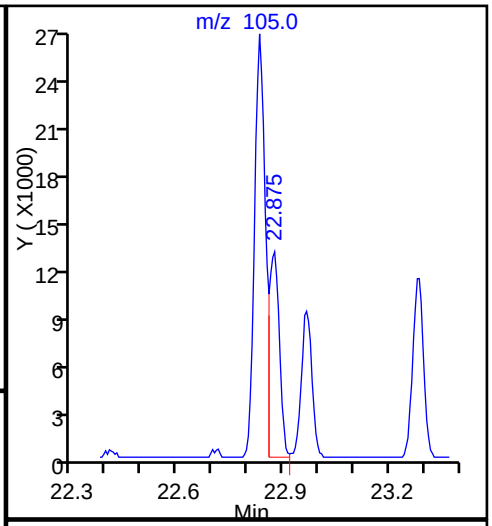
TestAmerica Burlington

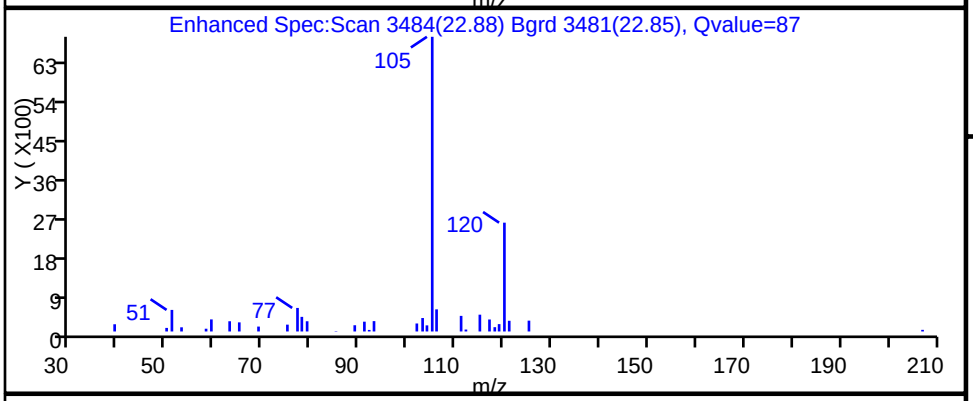
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

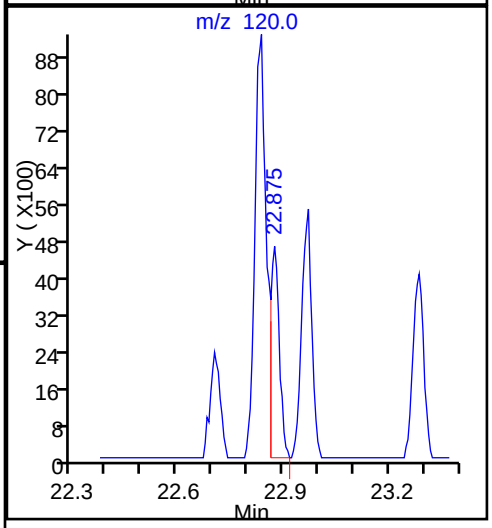
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

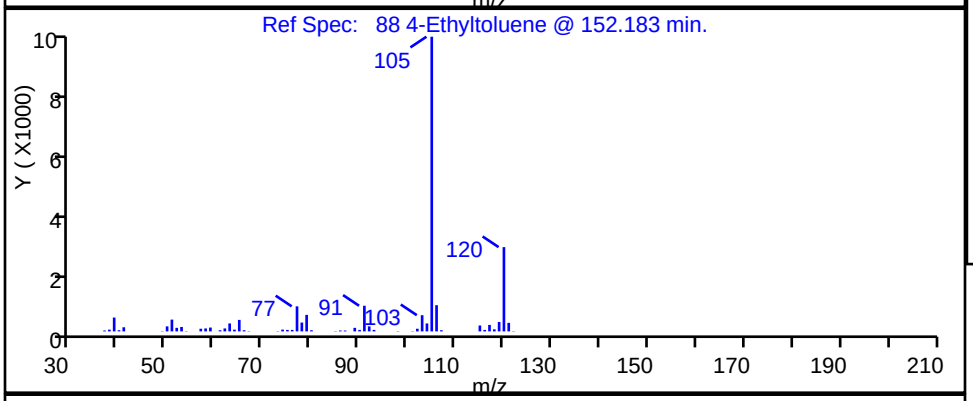
88 4-Ethyltoluene, CAS: 622-96-8

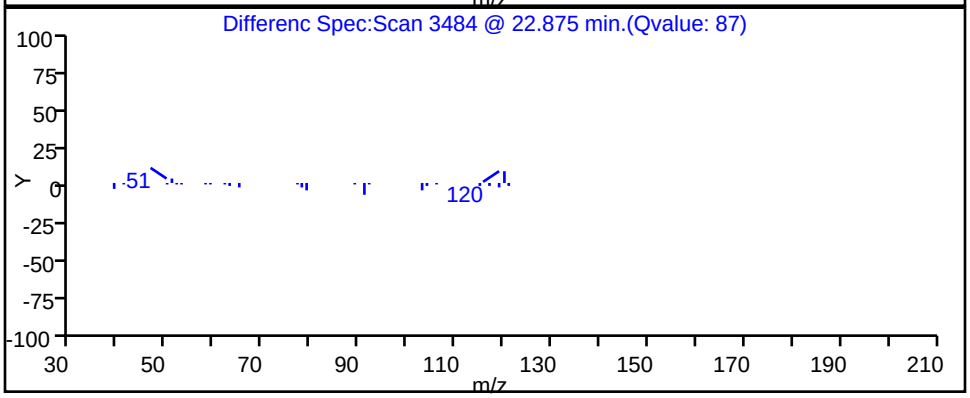












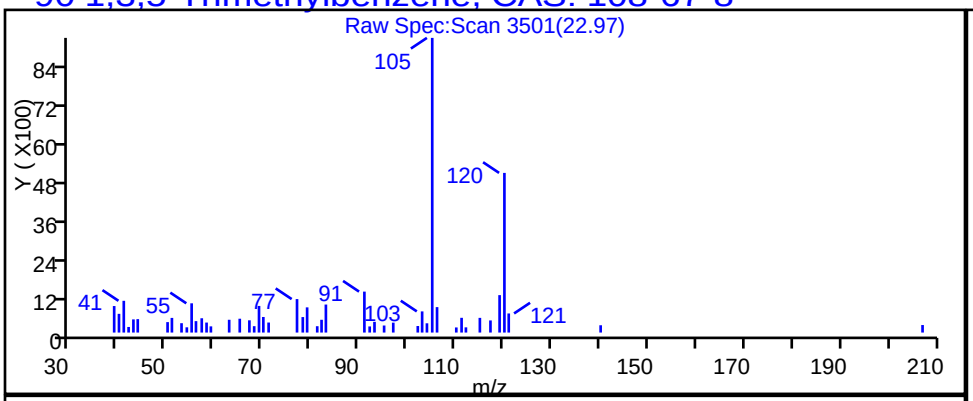
Report Date: 30-Jan-2015 09:12:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

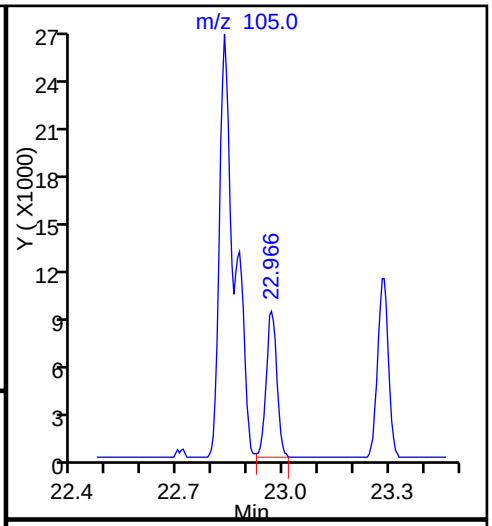
TestAmerica Burlington

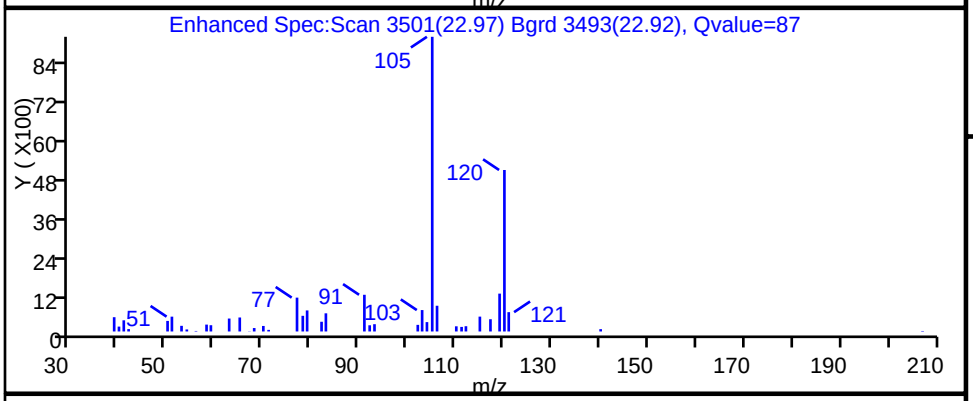
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

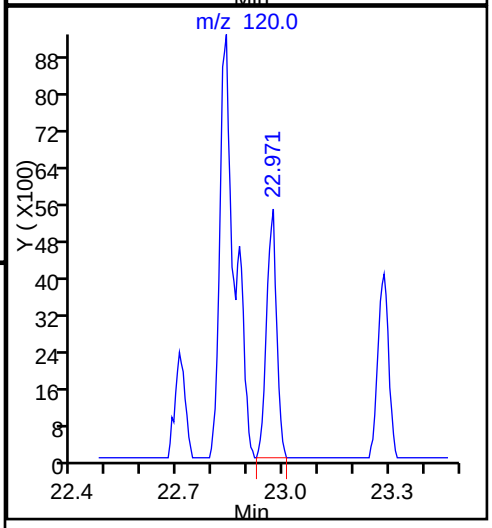
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

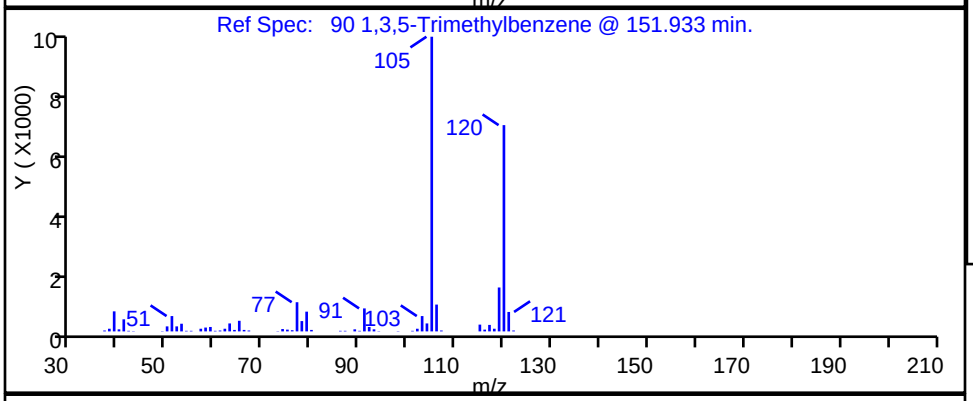
90 1,3,5-Trimethylbenzene, CAS: 108-67-8

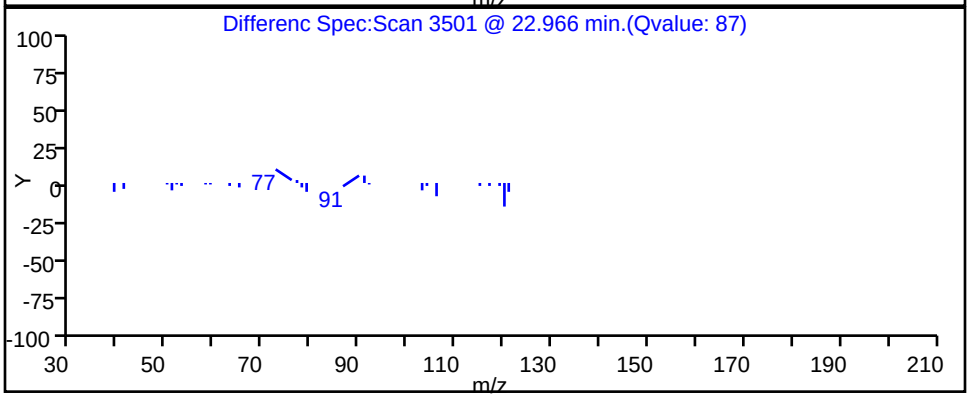










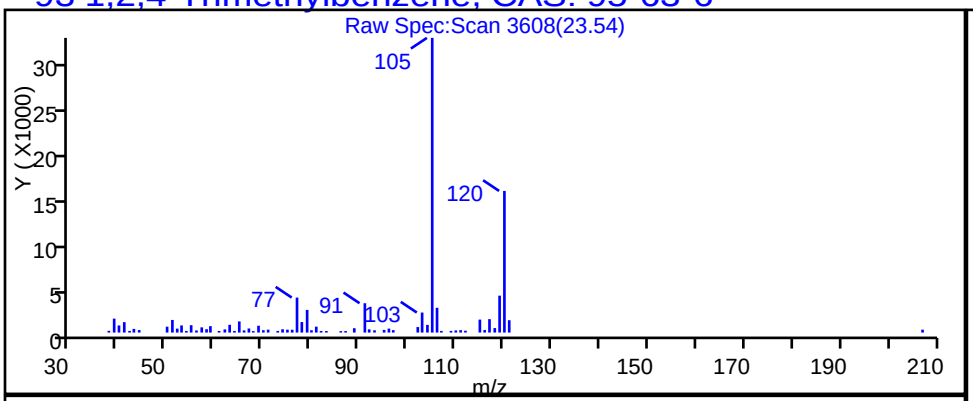


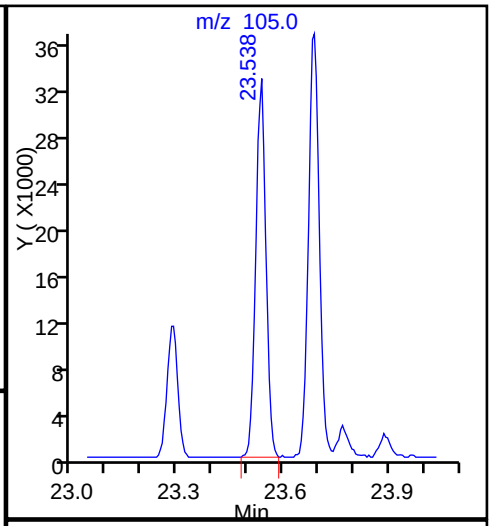
Report Date: 30-Jan-2015 09:12:11 Chrom Revision: 2.2 15-Jan-2015 13:05:58

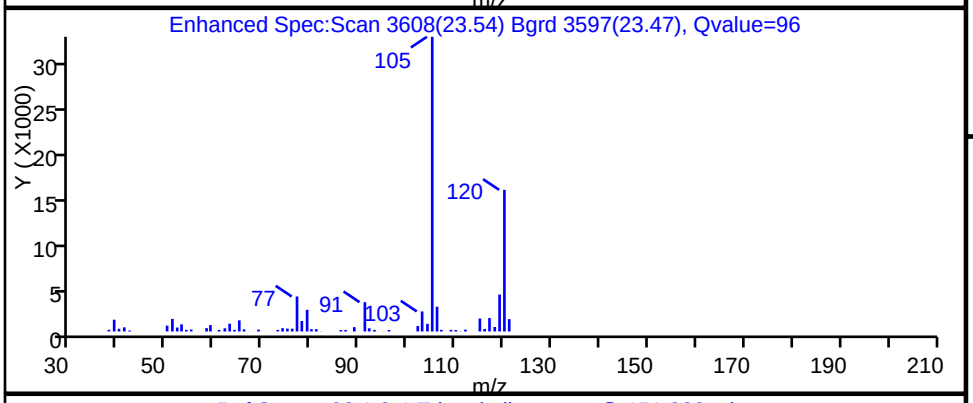
TestAmerica Burlington

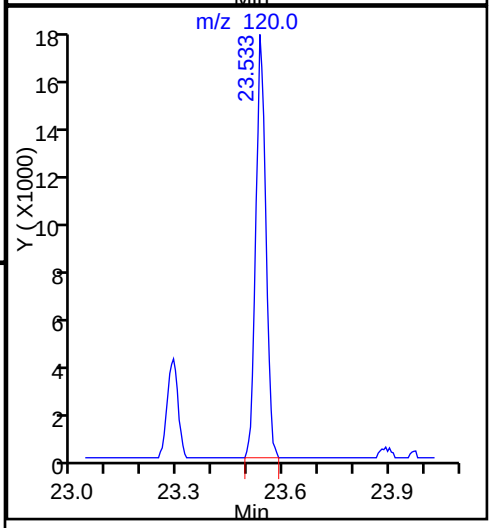
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

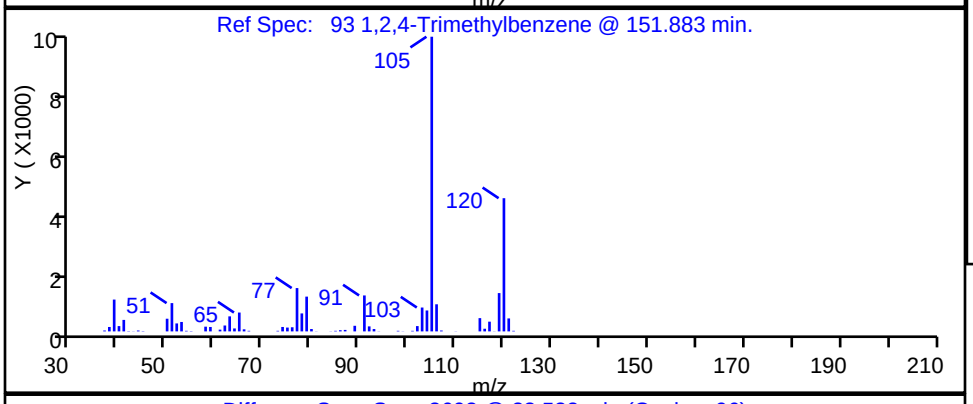
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

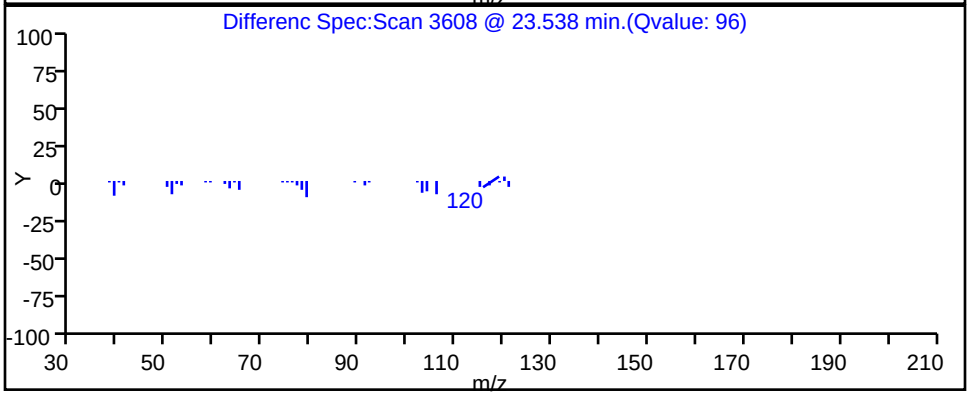












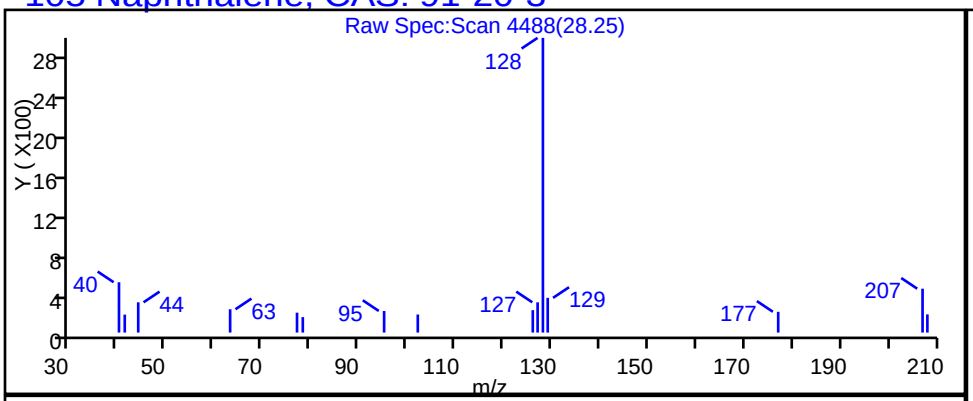
Report Date: 30-Jan-2015 09:12:11 Chrom Revision: 2.2 15-Jan-2015 13:05:58

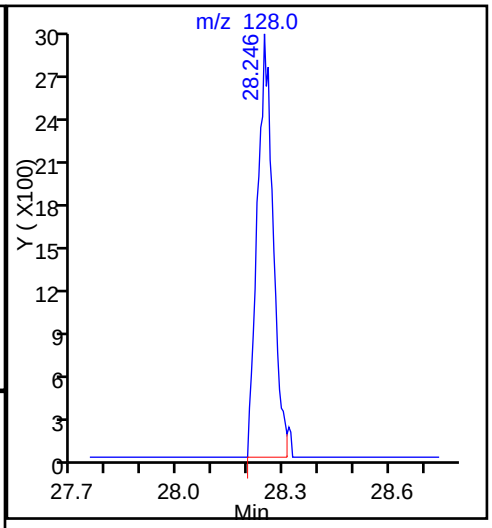
TestAmerica Burlington

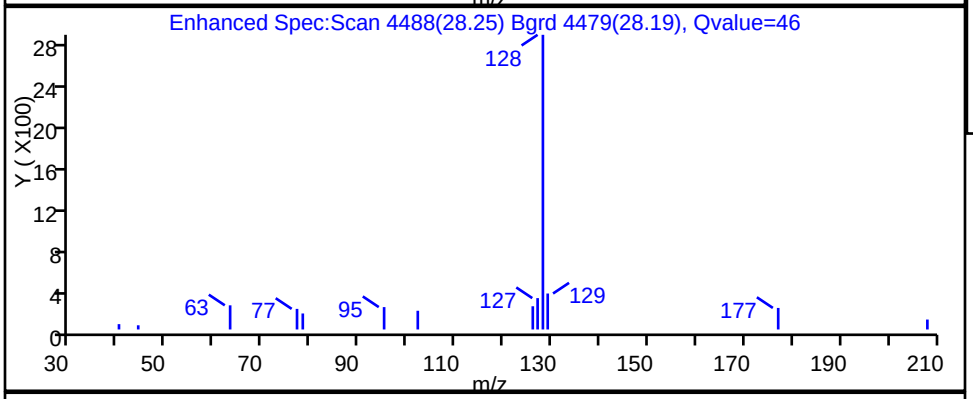
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d

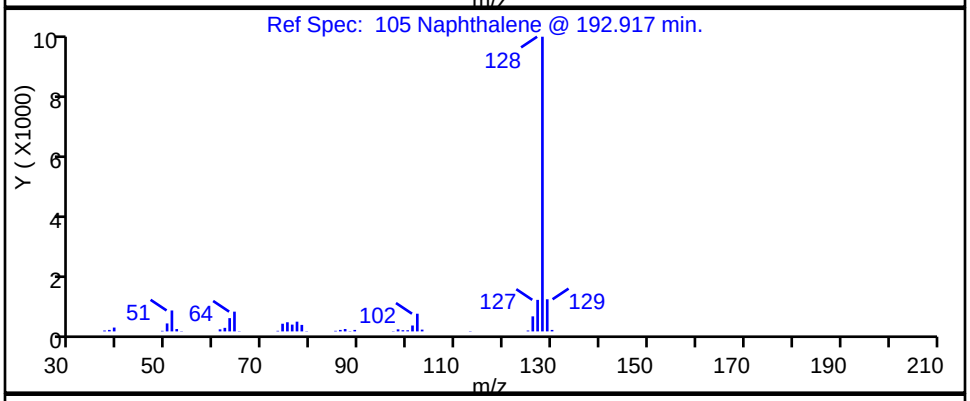
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

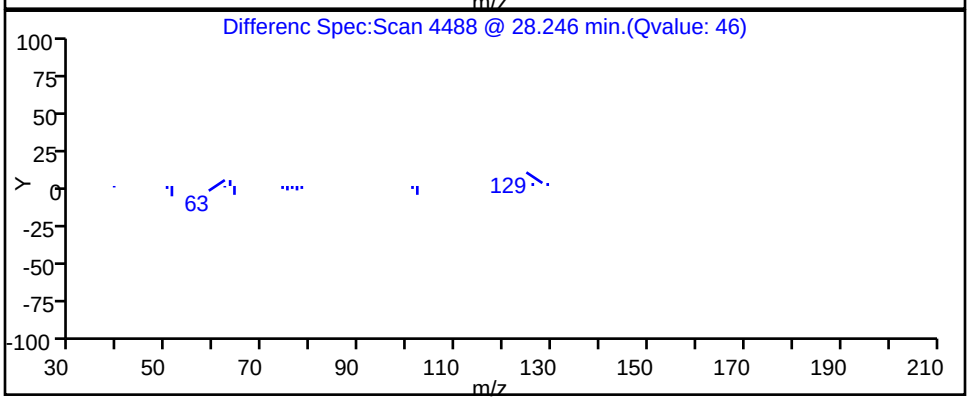
105 Naphthalene, CAS: 91-20-3











Manual Integration/User Assign Peak Report

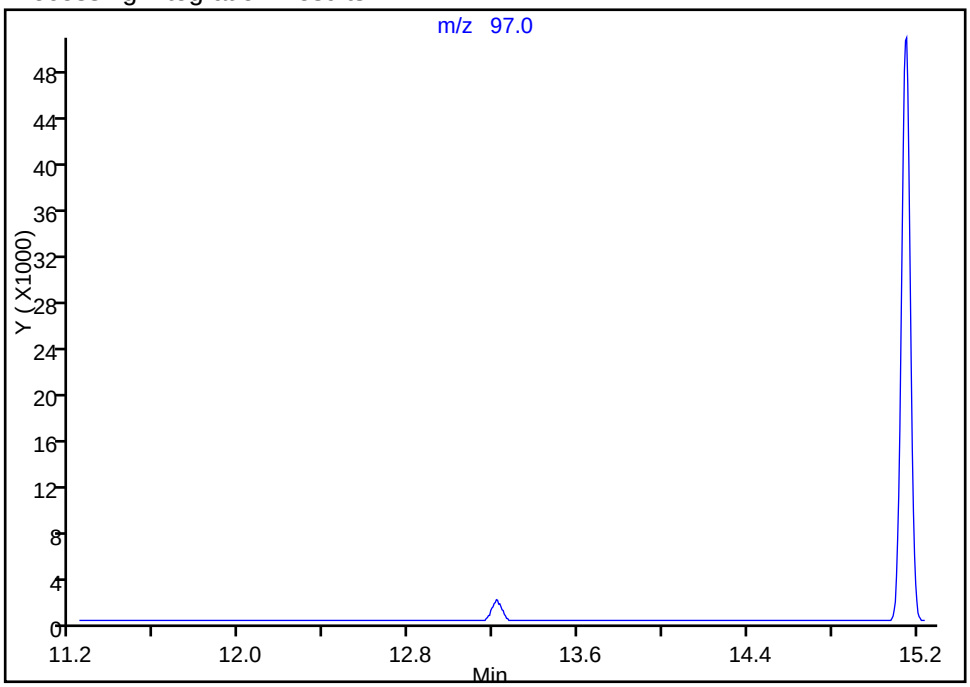
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 1,1,1-Trichloroethane, CAS: 71-55-6

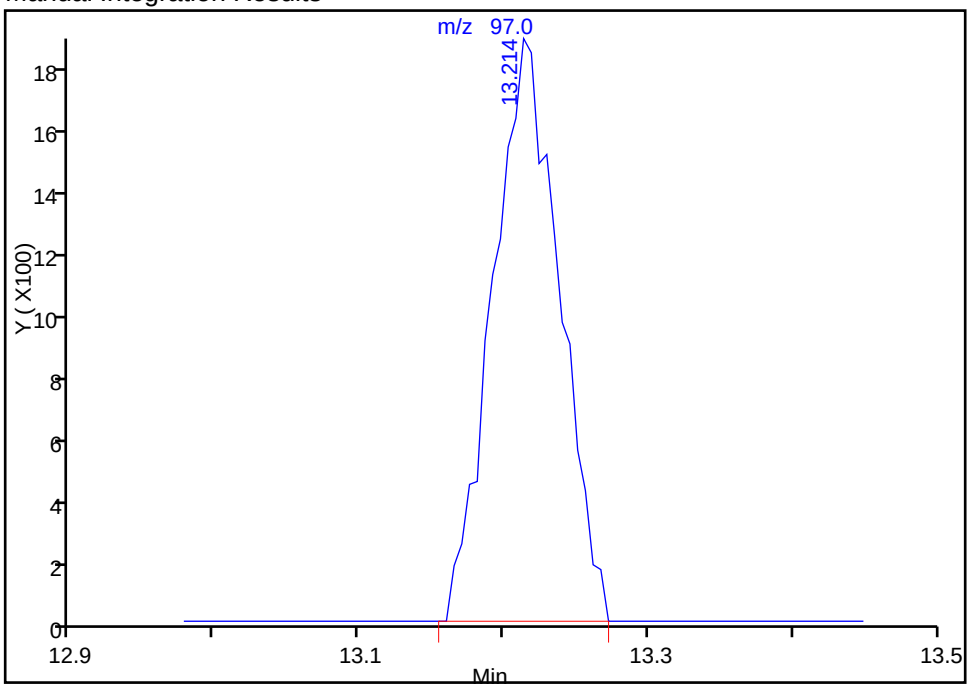
Not Detected
Expected RT: 13.24

Processing Integration Results



Manual Integration Results

RT: 13.21
Area: 5812
Amount: 0.129606
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:48:22
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

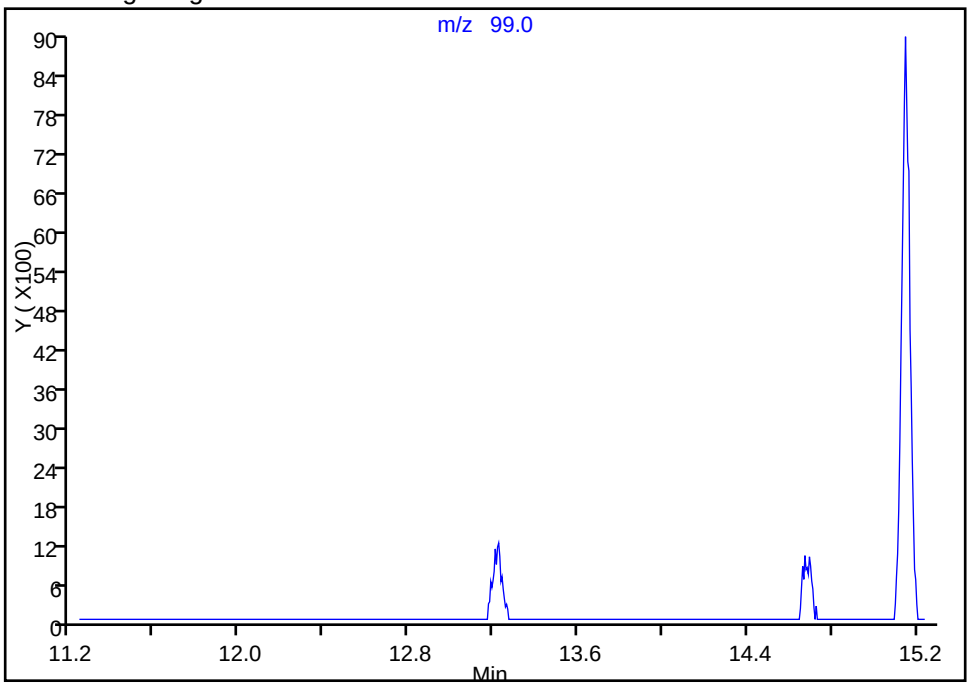
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 1,1,1-Trichloroethane, CAS: 71-55-6

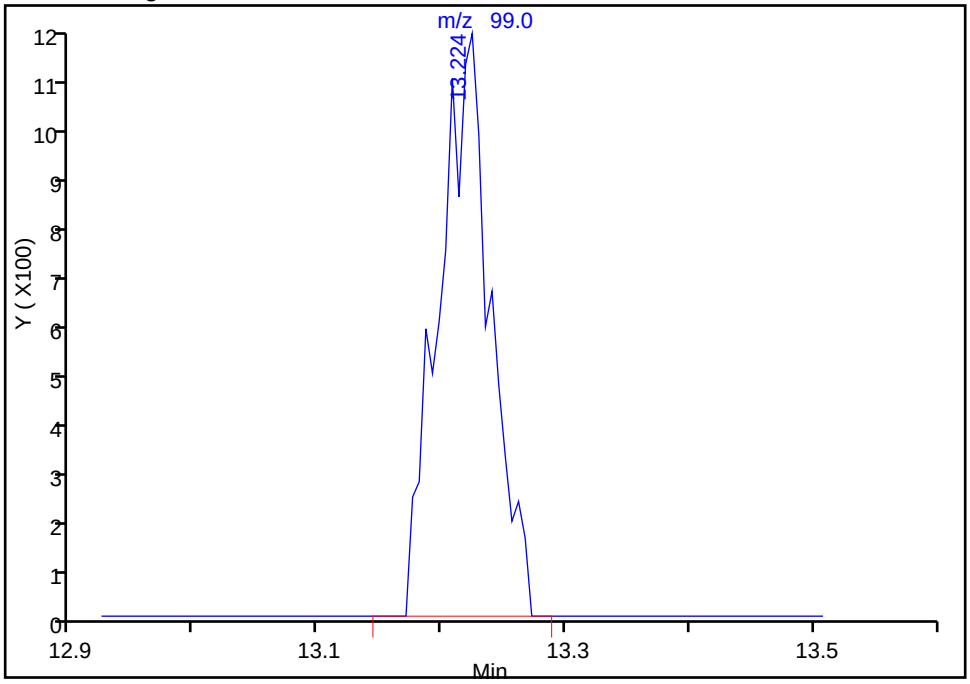
Not Detected
Expected RT: 13.24

Processing Integration Results



Manual Integration Results

RT: 13.22
Area: 3447
Amount: 0.129606
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:48:22
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

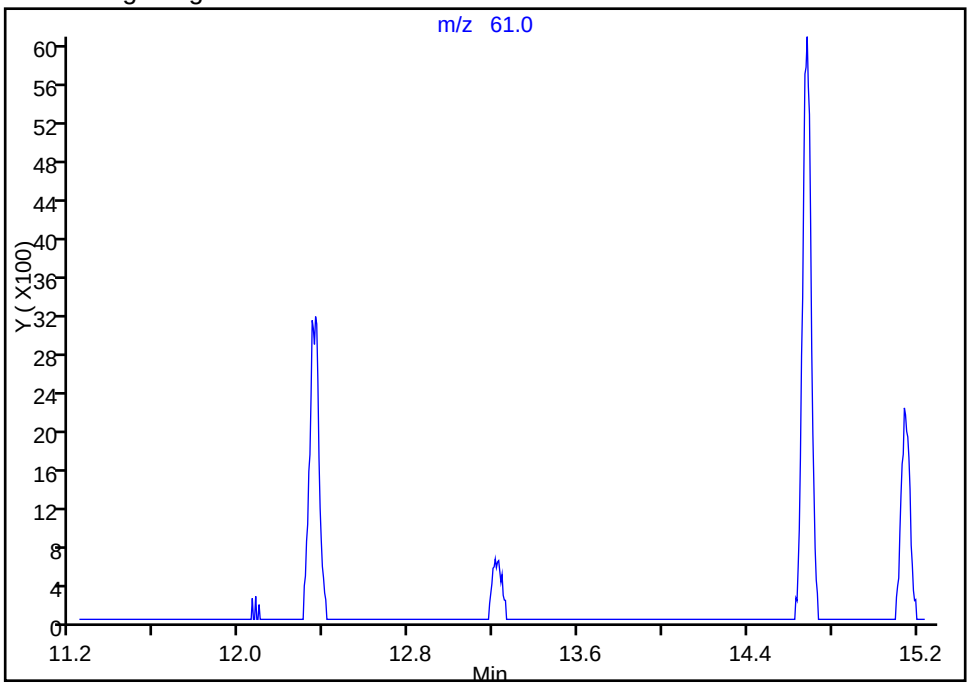
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 1,1,1-Trichloroethane, CAS: 71-55-6

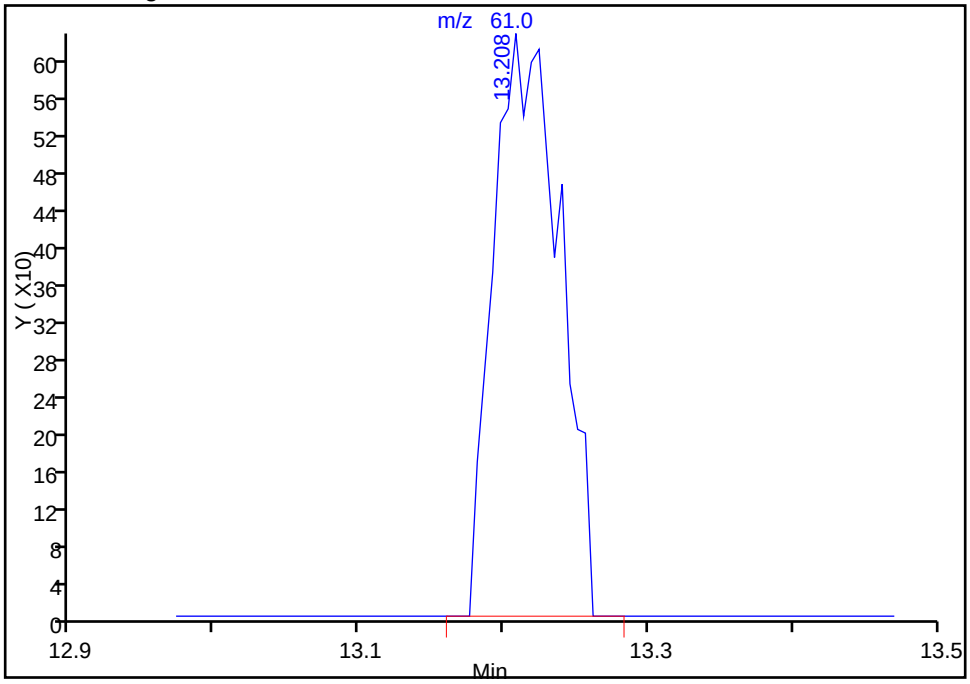
Not Detected
Expected RT: 13.24

Processing Integration Results



Manual Integration Results

RT: 13.21
Area: 2006
Amount: 0.129606
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:48:22
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

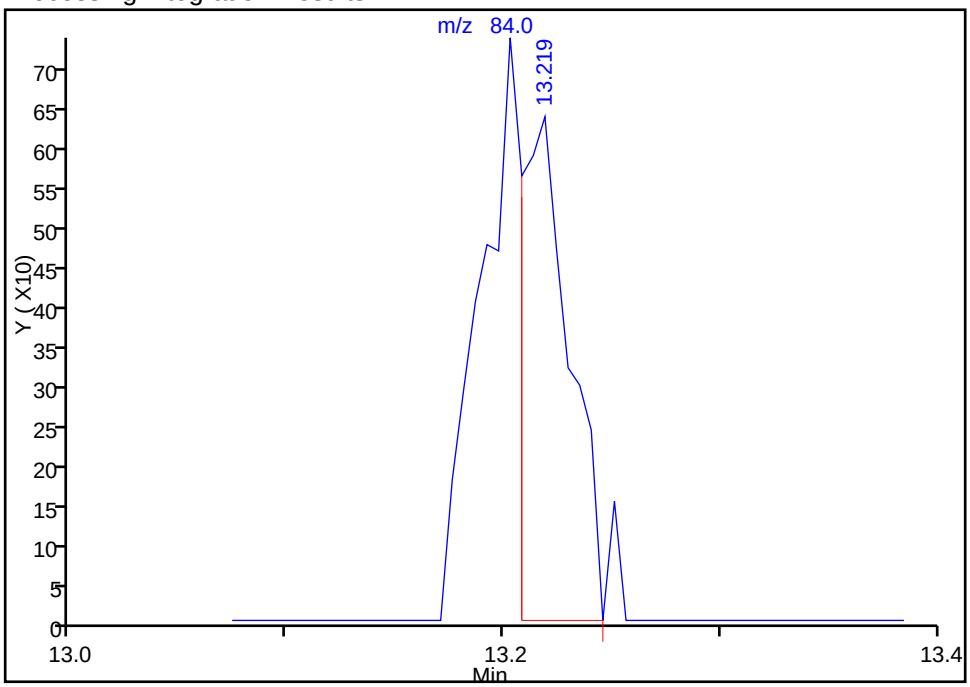
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

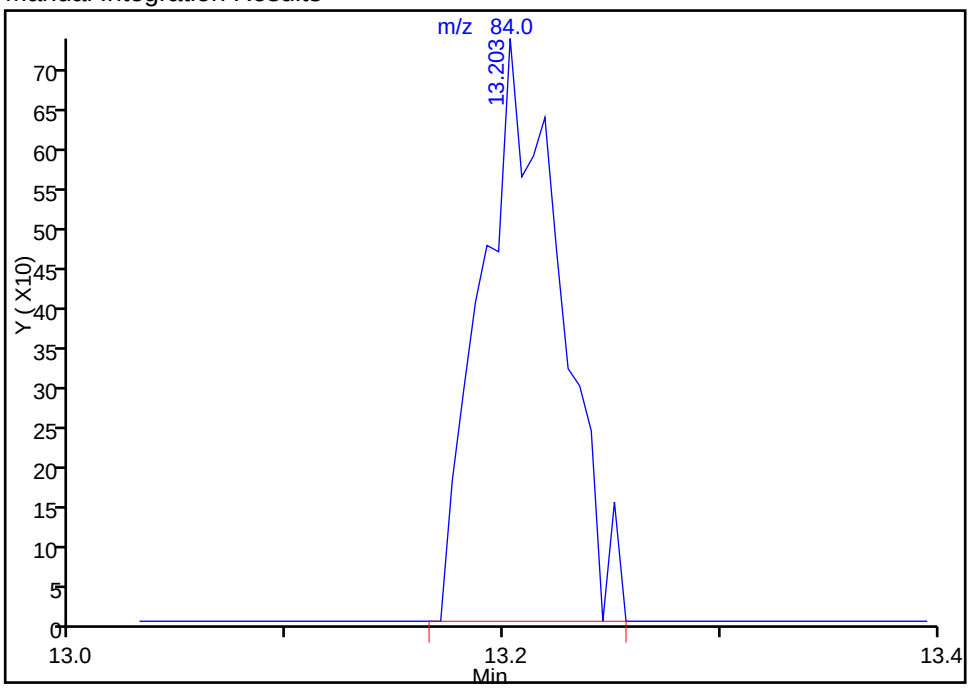
Processing Integration Results

RT: 13.22
Area: 1001
Amount: 0.030747
Amount Units: ppb v/v



Manual Integration Results

RT: 13.20
Area: 1871
Amount: 0.057470
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:48:22
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

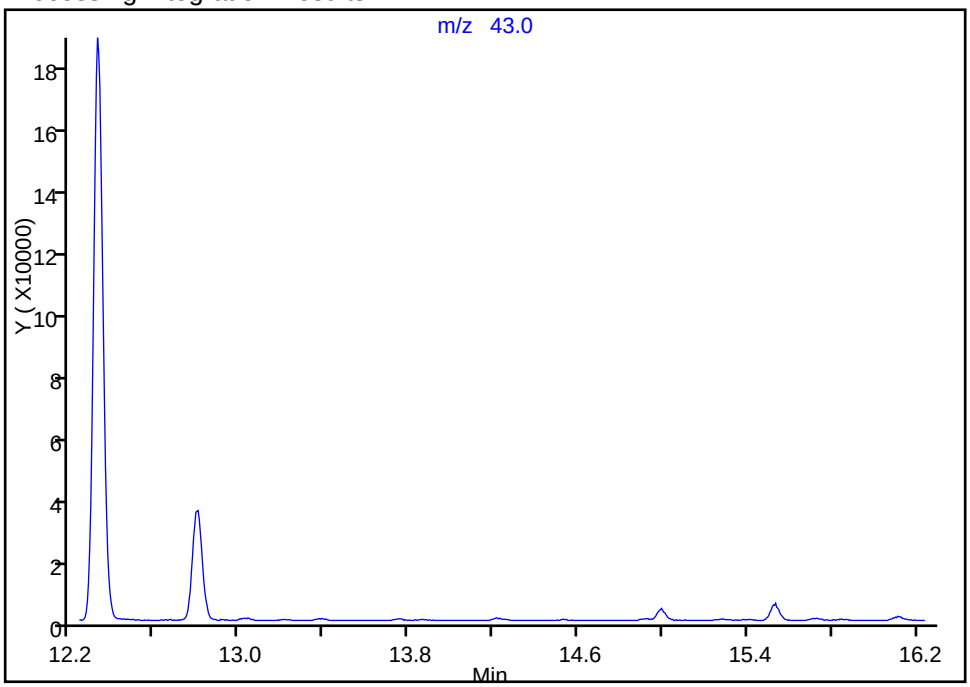
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5

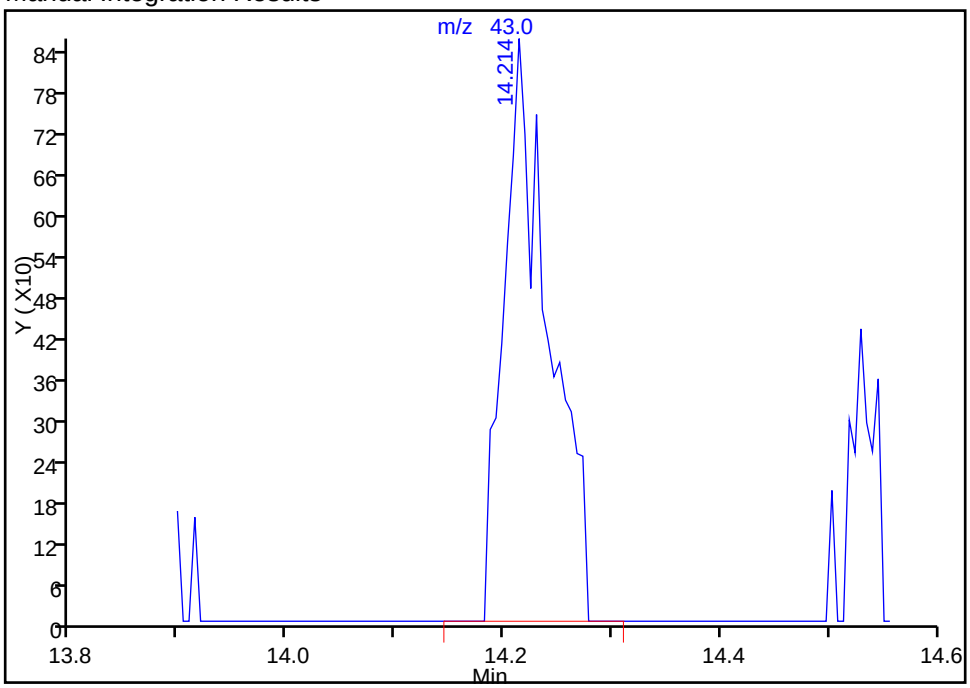
Not Detected
Expected RT: 14.24

Processing Integration Results



Manual Integration Results

RT: 14.21
Area: 2478
Amount: 0.085131
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:48:22
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

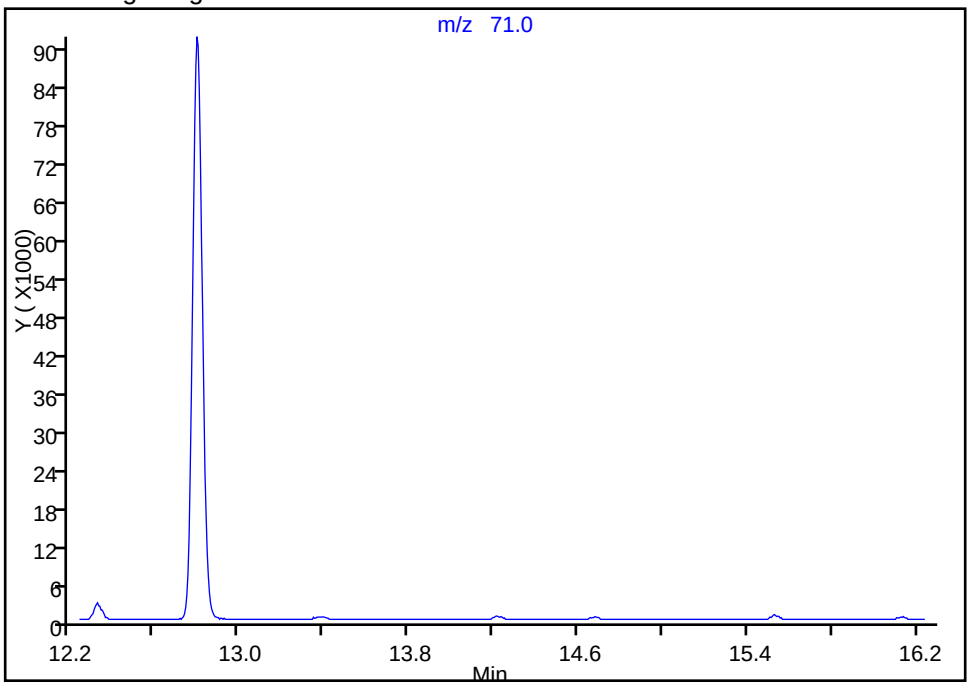
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5

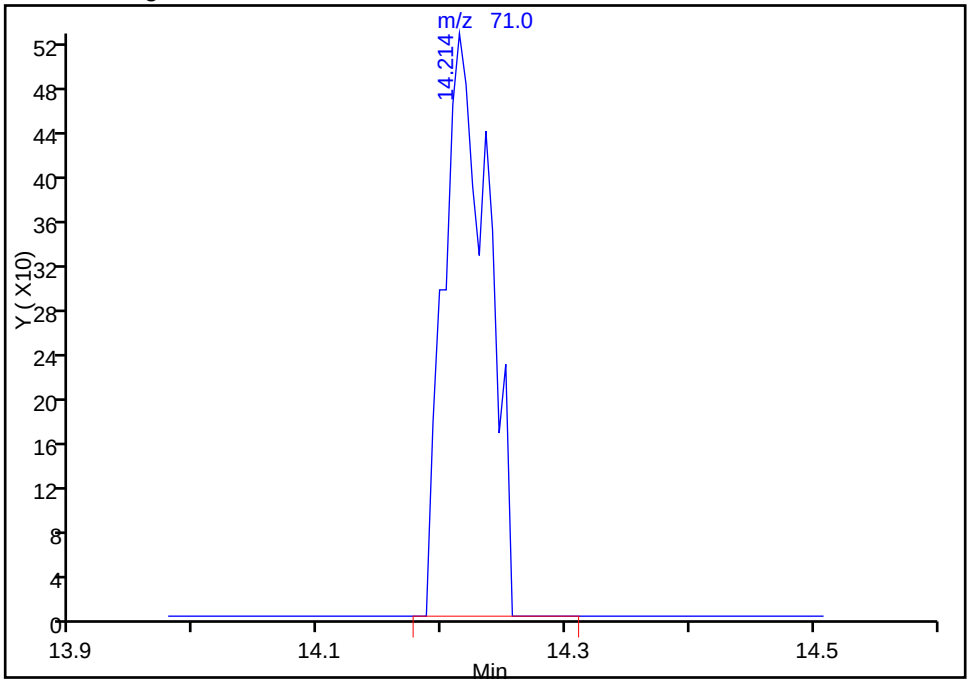
Processing Integration Results

Not Detected
Expected RT: 14.24



Manual Integration Results

RT: 14.21
Area: 1321
Amount: 0.085131
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:48:22
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

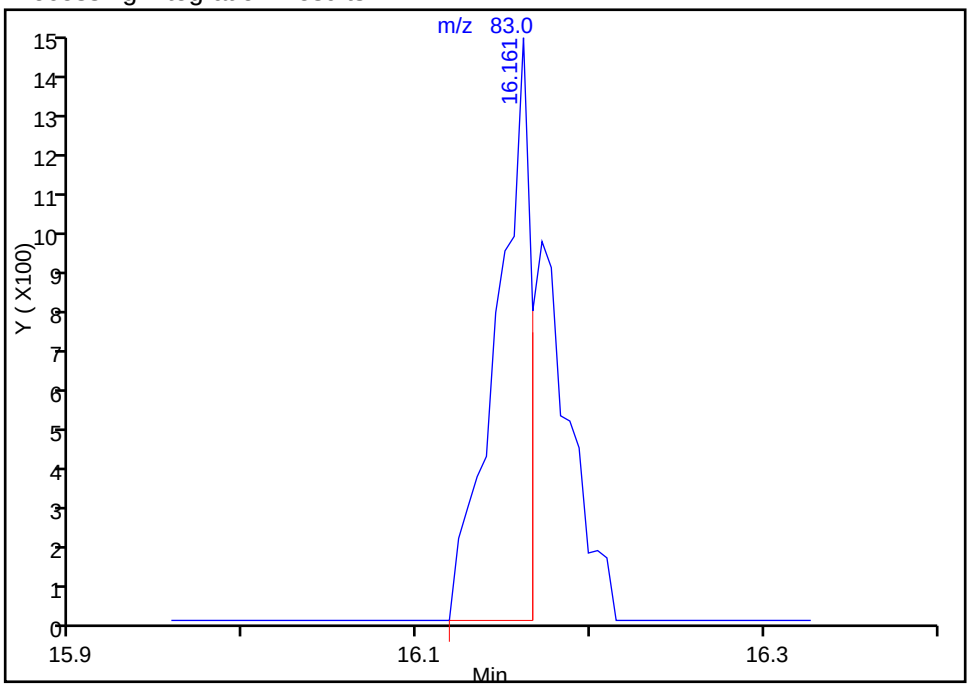
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_007.d				
Injection Date:	29-Jan-2015 15:38:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-3	Lab Sample ID:	200-64806-3		
Client ID:	101VMP0101FA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.6000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

58 Dichlorobromomethane, CAS: 75-27-4

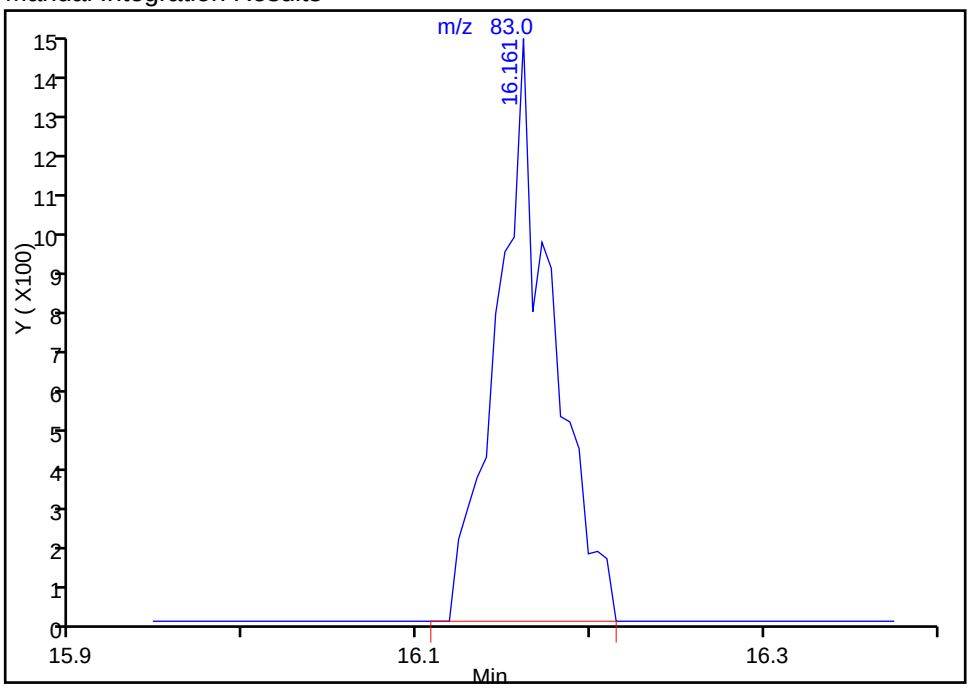
Processing Integration Results

RT: 16.16
Area: 1942
Amount: 0.041228
Amount Units: ppb v/v



Manual Integration Results

RT: 16.16
Area: 3134
Amount: 0.066534
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 08:48:22
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FA Lab Sample ID: 280-64806-4

Matrix: Air Lab File ID: 11878_008.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 100(mL) Date Analyzed: 01/30/2015 07:47

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.54	J D	1.0	0.11
75-45-6	Freon 22	86.47	0.60	J D	1.0	0.16
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.16	U	0.40	0.10
74-87-3	Chloromethane	50.49	0.40	U	1.0	0.12
106-97-8	n-Butane	58.12	0.94	J D	1.0	0.36
75-01-4	Vinyl chloride	62.50	0.060	U	0.40	0.052
106-99-0	1,3-Butadiene	54.09	0.16	U	0.40	0.072
74-83-9	Bromomethane	94.94	0.16	U	0.40	0.088
75-00-3	Chloroethane	64.52	0.16	U	1.0	0.12
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.060	U	0.40	0.040
75-69-4	Trichlorofluoromethane	137.37	0.94	D	0.40	0.090
76-13-1	Freon TF	187.38	0.11	J D	0.40	0.082
75-35-4	1,1-Dichloroethene	96.94	0.060	U	0.40	0.020
67-64-1	Acetone	58.08	16	D	10	1.4
67-63-0	Isopropyl alcohol	60.10	9.1	J D	10	0.30
75-15-0	Carbon disulfide	76.14	1.6	D	1.0	0.060
107-05-1	3-Chloropropene	76.53	0.40	U	1.0	0.32
75-09-2	Methylene Chloride	84.93	0.40	U	1.0	0.24
75-65-0	tert-Butyl alcohol	74.12	0.76	J D	10	0.24
1634-04-4	Methyl tert-butyl ether	88.15	0.060	U	0.40	0.044
156-60-5	trans-1,2-Dichloroethene	96.94	0.060	U	0.40	0.054
110-54-3	n-Hexane	86.17	0.30	J D	0.40	0.056
75-34-3	1,1-Dichloroethane	98.96	0.060	U	0.40	0.056
78-93-3	Methyl Ethyl Ketone	72.11	3.0	D	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.40	0.060
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.40	0.11
67-66-3	Chloroform	119.38	0.086	J D	0.40	0.076
109-99-9	Tetrahydrofuran	72.11	58	D	10	0.36
71-55-6	1,1,1-Trichloroethane	133.41	0.16	U	0.40	0.060
110-82-7	Cyclohexane	84.16	0.060	U	0.40	0.020
56-23-5	Carbon tetrachloride	153.81	0.14	J D	0.40	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.15	J D	0.40	0.046
71-43-2	Benzene	78.11	2.3	D	0.40	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.40	0.10

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FA Lab Sample ID: 280-64806-4

Matrix: Air Lab File ID: 11878_008.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 100(mL) Date Analyzed: 01/30/2015 07:47

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	U	0.40	0.074
79-01-6	Trichloroethene	131.39	11	D	0.40	0.060
80-62-6	Methyl methacrylate	100.12	0.40	U	1.0	0.19
78-87-5	1,2-Dichloropropane	112.99	0.16	U	0.40	0.070
123-91-1	1,4-Dioxane	88.11	0.44	J D	10	0.32
75-27-4	Bromodichloromethane	163.83	0.060	U	0.40	0.058
10061-01-5	cis-1,3-Dichloropropene	110.97	0.060	U	0.40	0.058
108-10-1	methyl isobutyl ketone	100.16	0.40	U	1.0	0.36
108-88-3	Toluene	92.14	30	D	0.40	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.060	U	0.40	0.052
79-00-5	1,1,2-Trichloroethane	133.41	0.16	U	0.40	0.074
127-18-4	Tetrachloroethene	165.83	0.32	J D	0.40	0.060
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.40	U	1.0	0.34
124-48-1	Dibromochloromethane	208.29	0.060	U	0.40	0.040
106-93-4	1,2-Dibromoethane	187.87	0.060	U	0.40	0.036
108-90-7	Chlorobenzene	112.56	0.060	U	0.40	0.036
100-41-4	Ethylbenzene	106.17	9.7	D	0.40	0.040
179601-23-1	m,p-Xylene	106.17	22	D	1.0	0.050
95-47-6	Xylene, o-	106.17	3.4	D	0.40	0.036
1330-20-7	Xylene (total)	106.17	25		0.40	0.082
100-42-5	Styrene	104.15	0.060	U	0.40	0.032
75-25-2	Bromoform	252.75	0.060	U	0.40	0.050
98-82-8	Cumene	120.19	0.060	U	0.40	0.038
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.16	U	0.40	0.068
103-65-1	n-Propylbenzene	120.19	0.060	U	0.40	0.054
622-96-8	4-Ethyltoluene	120.20	0.057	J D	0.40	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.060	U	0.40	0.038
95-49-8	2-Chlorotoluene	126.59	0.16	U	0.40	0.062
98-06-6	tert-Butylbenzene	134.22	0.060	U	0.40	0.040
95-63-6	1,2,4-Trimethylbenzene	120.20	0.045	J D	0.40	0.032
135-98-8	sec-Butylbenzene	134.22	0.060	U	0.40	0.042
99-87-6	4-Isopropyltoluene	134.22	0.060	U	0.40	0.040
541-73-1	1,3-Dichlorobenzene	147.00	0.060	U	0.40	0.040
106-46-7	1,4-Dichlorobenzene	147.00	0.060	U	0.40	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FA Lab Sample ID: 280-64806-4

Matrix: Air Lab File ID: 11878_008.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 100(mL) Date Analyzed: 01/30/2015 07:47

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.060	U	0.40	0.036
104-51-8	n-Butylbenzene	134.22	0.060	U	0.40	0.056
95-50-1	1,2-Dichlorobenzene	147.00	0.060	U	0.40	0.036
120-82-1	1,2,4-Trichlorobenzene	181.45	0.069	J D	1.0	0.068
87-68-3	Hexachlorobutadiene	260.76	0.16	U	0.40	0.072
91-20-3	Naphthalene	128.17	0.16	U	1.0	0.060

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FA Lab Sample ID: 280-64806-4

Matrix: Air Lab File ID: 11878_008.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 100(mL) Date Analyzed: 01/30/2015 07:47

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.7	J D	4.9	0.55
75-45-6	Freon 22	86.47	2.1	J D	3.5	0.57
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.1	U	2.8	0.73
74-87-3	Chloromethane	50.49	0.83	U	2.1	0.25
106-97-8	n-Butane	58.12	2.2	J D	2.4	0.86
75-01-4	Vinyl chloride	62.50	0.15	U	1.0	0.13
106-99-0	1,3-Butadiene	54.09	0.35	U	0.88	0.16
74-83-9	Bromomethane	94.94	0.62	U	1.6	0.34
75-00-3	Chloroethane	64.52	0.42	U	2.6	0.32
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.26	U	1.7	0.17
75-69-4	Trichlorofluoromethane	137.37	5.3	D	2.2	0.51
76-13-1	Freon TF	187.38	0.85	J D	3.1	0.63
75-35-4	1,1-Dichloroethene	96.94	0.24	U	1.6	0.079
67-64-1	Acetone	58.08	37	D	24	3.3
67-63-0	Isopropyl alcohol	60.10	22	J D	25	0.74
75-15-0	Carbon disulfide	76.14	4.9	D	3.1	0.19
107-05-1	3-Chloropropene	76.53	1.3	U	3.1	1.0
75-09-2	Methylene Chloride	84.93	1.4	U	3.5	0.83
75-65-0	tert-Butyl alcohol	74.12	2.3	J D	30	0.73
1634-04-4	Methyl tert-butyl ether	88.15	0.22	U	1.4	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.24	U	1.6	0.21
110-54-3	n-Hexane	86.17	1.1	J D	1.4	0.20
75-34-3	1,1-Dichloroethane	98.96	0.24	U	1.6	0.23
78-93-3	Methyl Ethyl Ketone	72.11	8.8	D	2.9	0.54
156-59-2	cis-1,2-Dichloroethene	96.94	0.63	U	1.6	0.24
540-59-0	1,2-Dichloroethene, Total	96.94	0.63	U	1.6	0.42
67-66-3	Chloroform	119.38	0.42	J D	2.0	0.37
109-99-9	Tetrahydrofuran	72.11	170	D	29	1.1
71-55-6	1,1,1-Trichloroethane	133.41	0.87	U	2.2	0.33
110-82-7	Cyclohexane	84.16	0.21	U	1.4	0.069
56-23-5	Carbon tetrachloride	153.81	0.87	J D	2.5	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.70	J D	1.9	0.21
71-43-2	Benzene	78.11	7.2	D	1.3	0.19
107-06-2	1,2-Dichloroethane	98.96	0.65	U	1.6	0.42

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FA Lab Sample ID: 280-64806-4

Matrix: Air Lab File ID: 11878_008.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 100(mL) Date Analyzed: 01/30/2015 07:47

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.66	U	1.6	0.30
79-01-6	Trichloroethene	131.39	58	D	2.1	0.32
80-62-6	Methyl methacrylate	100.12	1.6	U	4.1	0.79
78-87-5	1,2-Dichloropropane	112.99	0.74	U	1.8	0.32
123-91-1	1,4-Dioxane	88.11	1.6	J D	36	1.2
75-27-4	Bromodichloromethane	163.83	0.40	U	2.7	0.39
10061-01-5	cis-1,3-Dichloropropene	110.97	0.27	U	1.8	0.26
108-10-1	methyl isobutyl ketone	100.16	1.6	U	4.1	1.5
108-88-3	Toluene	92.14	110	D	1.5	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.27	U	1.8	0.24
79-00-5	1,1,2-Trichloroethane	133.41	0.87	U	2.2	0.40
127-18-4	Tetrachloroethene	165.83	2.1	J D	2.7	0.41
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.6	U	4.1	1.4
124-48-1	Dibromochloromethane	208.29	0.51	U	3.4	0.34
106-93-4	1,2-Dibromoethane	187.87	0.46	U	3.1	0.28
108-90-7	Chlorobenzene	112.56	0.28	U	1.8	0.17
100-41-4	Ethylbenzene	106.17	42	D	1.7	0.17
179601-23-1	m,p-Xylene	106.17	96	D	4.3	0.22
95-47-6	Xylene, o-	106.17	15	D	1.7	0.16
1330-20-7	Xylene (total)	106.17	110		1.7	0.36
100-42-5	Styrene	104.15	0.26	U	1.7	0.14
75-25-2	Bromoform	252.75	0.62	U	4.1	0.52
98-82-8	Cumene	120.19	0.29	U	2.0	0.19
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.1	U	2.7	0.47
103-65-1	n-Propylbenzene	120.19	0.29	U	2.0	0.27
622-96-8	4-Ethyltoluene	120.20	0.28	J D	2.0	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	0.29	U	2.0	0.19
95-49-8	2-Chlorotoluene	126.59	0.83	U	2.1	0.32
98-06-6	tert-Butylbenzene	134.22	0.33	U	2.2	0.22
95-63-6	1,2,4-Trimethylbenzene	120.20	0.22	J D	2.0	0.16
135-98-8	sec-Butylbenzene	134.22	0.33	U	2.2	0.23
99-87-6	4-Isopropyltoluene	134.22	0.33	U	2.2	0.22
541-73-1	1,3-Dichlorobenzene	147.00	0.36	U	2.4	0.24
106-46-7	1,4-Dichlorobenzene	147.00	0.36	U	2.4	0.23

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FA Lab Sample ID: 280-64806-4

Matrix: Air Lab File ID: 11878_008.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 100(mL) Date Analyzed: 01/30/2015 07:47

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.31	U	2.1	0.19
104-51-8	n-Butylbenzene	134.22	0.33	U	2.2	0.31
95-50-1	1,2-Dichlorobenzene	147.00	0.36	U	2.4	0.22
120-82-1	1,2,4-Trichlorobenzene	181.45	0.51	J D	7.4	0.50
87-68-3	Hexachlorobutadiene	260.76	1.7	U	4.3	0.77
91-20-3	Naphthalene	128.17	0.84	U	5.2	0.31

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d
Lims ID: 280-64806-A-4 Lab Sample ID: 200-64806-4
Client ID: 101VMP0201FA
Sample Type: Client
Inject. Date: 30-Jan-2015 07:47:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 2.0000
Sample Info: 200-0011878-008
Misc. Info.: 280-64806-a-4
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 09:12:03 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 30-Jan-2015 08:41:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.462	4.478	-0.016	98	18022	0.2723	
3 Chlorodifluoromethane	51	4.531	4.547	-0.016	96	9514	0.2979	
4 1,2-Dichloro-1,1,2,2-tetra	85		4.836				ND	
5 Chloromethane	50		5.023				ND	
6 Butane	43	5.275	5.291	-0.016	97	14856	0.4690	
7 Vinyl chloride	62		5.344				ND	
8 Butadiene	54		5.446				ND	
9 Bromomethane	94		6.307				ND	
11 Chloroethane	64		6.596				ND	
13 Vinyl bromide	106		7.072				ND	
14 Trichlorofluoromethane	101	7.163	7.185	-0.022	98	29953	0.4682	
20 1,1,2-Trichloro-1,2,2-trif	101	8.410	8.431	-0.021	64	3042	0.0557	
21 1,1-Dichloroethene	96		8.501				ND	
22 Acetone	43	8.720	8.752	-0.032	91	218396	7.76	
23 Carbon disulfide	76	8.971	8.987	-0.016	98	52692	0.7900	
24 Isopropyl alcohol	45	9.062	9.078	-0.016	98	93978	4.53	
25 3-Chloro-1-propene	41		9.383				ND	
27 Methylene Chloride	49		9.715				ND	
28 2-Methyl-2-propanol	59	9.934	9.950	-0.016	95	11919	0.3806	
29 Methyl tert-butyl ether	73	10.143	10.164	-0.021	13	1329	0.0213	
S 30 1,2-Dichloroethene, Total	61		10.200				ND	
31 trans-1,2-Dichloroethene	61		10.207				ND	
33 Hexane	57	10.608	10.624	-0.016	83	4834	0.1491	
34 1,1-Dichloroethane	63		11.170				ND	
37 cis-1,2-Dichloroethene	96		12.342				ND	
38 2-Butanone (MEK)	72	12.342	12.363	-0.021	96	21009	1.50	
* 40 Chlorobromomethane	128	12.807	12.823	-0.016	91	239141	10.0	
41 Tetrahydrofuran	42	12.807	12.839	-0.032	88	583005	28.8	
42 Chloroform	83	12.925	12.936	-0.011	85	2101	0.0430	
43 Cyclohexane	84		13.230				ND	
44 1,1,1-Trichloroethane	97		13.240				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Carbon tetrachloride	117	13.481	13.497	-0.016	96	3619	0.0688	
46 Isooctane	57	13.866	13.888	-0.022	93	7714	0.0751	
47 Benzene	78	13.930	13.947	-0.017	93	89882	1.13	
48 1,2-Dichloroethane	62		14.107				ND	
49 n-Heptane	43		14.241				ND	
* 50 1,4-Difluorobenzene	114	14.690	14.701	-0.011	91	1062633	10.0	
53 Trichloroethene	95	15.156	15.172	-0.016	93	195969	5.44	
54 1,2-Dichloropropane	63		15.685				ND	
55 Methyl methacrylate	69		15.771				ND	
56 1,4-Dioxane	88	15.888	15.872	0.016	75	2667	0.2202	
58 Dichlorobromomethane	83		16.177				ND	
60 cis-1,3-Dichloropropene	75		17.039				ND	
61 4-Methyl-2-pentanone (MIBK	43	17.274	17.274	0.000	92	6491	0.1535	
64 Toluene	92	17.600	17.606	-0.006	93	939961	14.9	
66 trans-1,3-Dichloropropene	75		18.141				ND	
67 1,1,2-Trichloroethane	83		18.505				ND	
68 Tetrachloroethene	166	18.638	18.649	-0.011	96	10405	0.1580	
69 2-Hexanone	43		18.900				ND	
71 Chlorodibromomethane	129		19.264				ND	
72 Ethylene Dibromide	107		19.548				ND	
S 73 Xylenes, Total	106				0		12.8	
* 74 Chlorobenzene-d5	117	20.388	20.393	-0.005	81	980132	10.0	
75 Chlorobenzene	112		20.446				ND	
76 Ethylbenzene	91	20.553	20.559	-0.006	96	636709	4.85	
78 m-Xylene & p-Xylene	106	20.767	20.778	-0.011	98	659513	11.1	
79 o-Xylene	106	21.490	21.495	-0.005	96	98039	1.70	
80 Styrene	104		21.532				ND	
81 Bromoform	173		21.918				ND	
82 Isopropylbenzene	105		22.062				ND	
$ 83 4-Bromofluorobenzene	95	22.394	22.399	-0.005	98	592853	NC	
84 1,1,2,2-Tetrachloroethane	83		22.624				ND	
85 N-Propylbenzene	91		22.699				ND	
88 4-Ethyltoluene	105	22.865	22.865	-0.001	96	4626	0.0287	
89 2-Chlorotoluene	91		22.902				ND	
90 1,3,5-Trimethylbenzene	105	22.950	22.956	-0.006	90	2310	0.0174	
92 tert-Butylbenzene	119		23.432				ND	
93 1,2,4-Trimethylbenzene	105	23.523	23.523	-0.001	93	2970	0.0224	
94 sec-Butylbenzene	105		23.758				ND	
95 4-Isopropyltoluene	119		23.961				ND	
96 1,3-Dichlorobenzene	146	24.031	24.036	-0.005	88	1718	0.0157	
97 1,4-Dichlorobenzene	146	24.175	24.181	-0.006	92	1679	0.0157	
98 Benzyl chloride	91		24.384				ND	
100 n-Butylbenzene	91		24.598				ND	
101 1,2-Dichlorobenzene	146	24.769	24.785	-0.016	74	1751	0.0167	
103 1,2,4-Trichlorobenzene	180	27.652	27.663	-0.011	83	2709	0.0343	
104 Hexachlorobutadiene	225		27.861				ND	
105 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

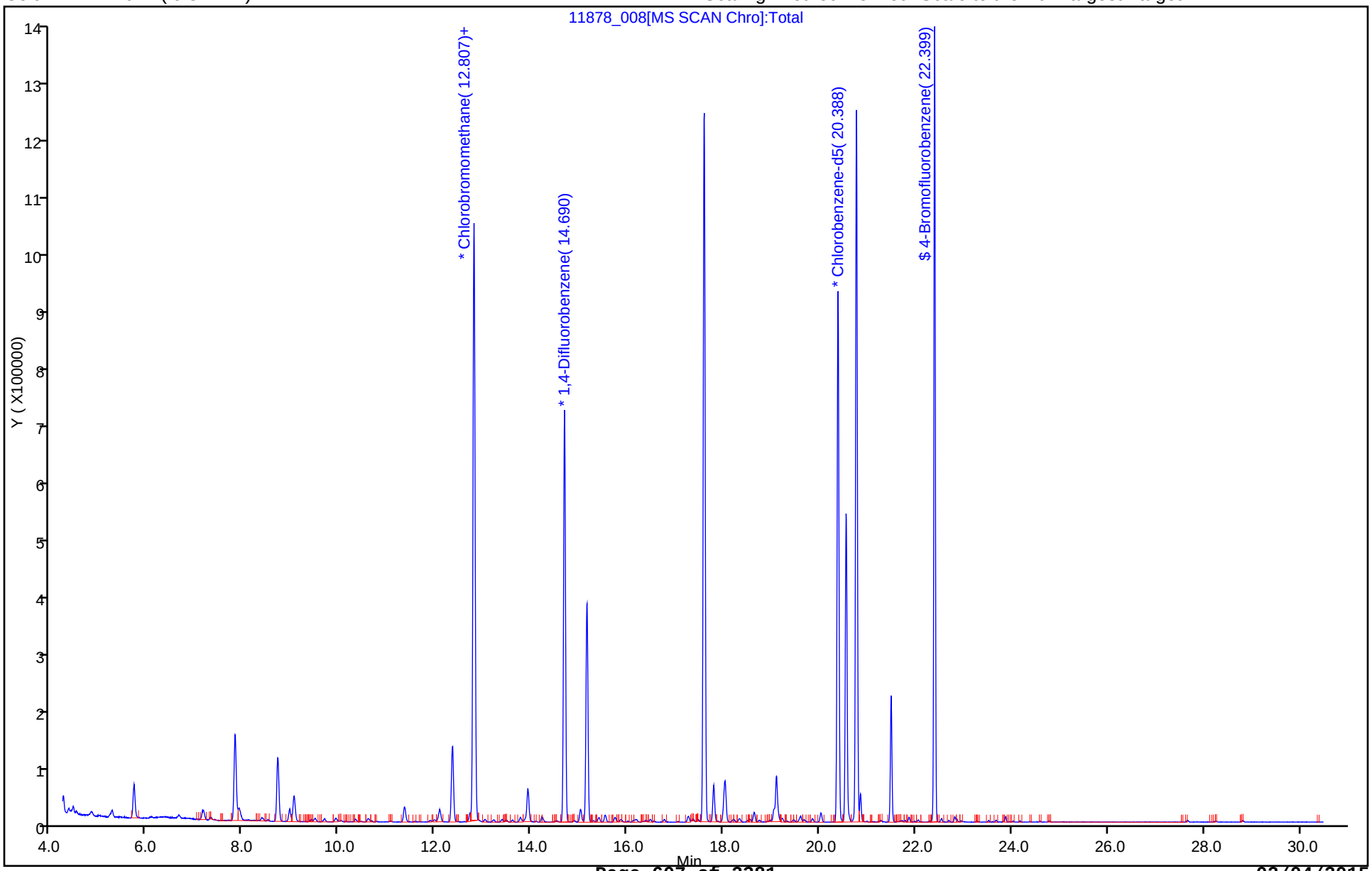
Report Date: 30-Jan-2015 09:12:11 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4	Worklist Smp#:	8
Client ID:	101VMP0201FA				
Purge Vol:	200.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	7
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



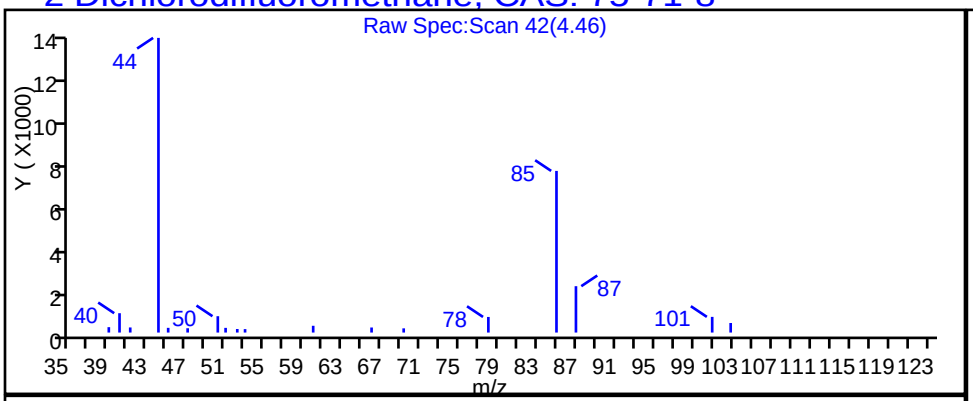
Report Date: 30-Jan-2015 09:12:11 Chrom Revision: 2.2 15-Jan-2015 13:05:58

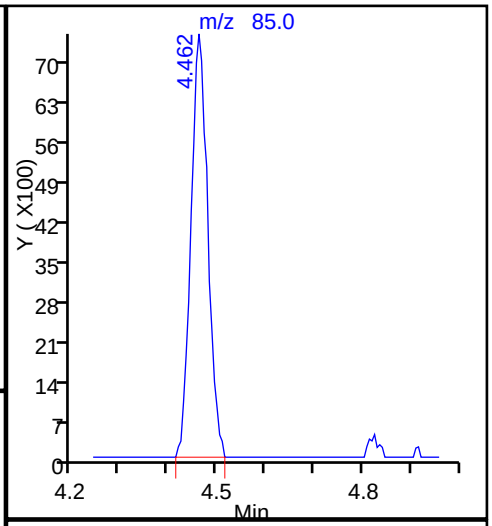
TestAmerica Burlington

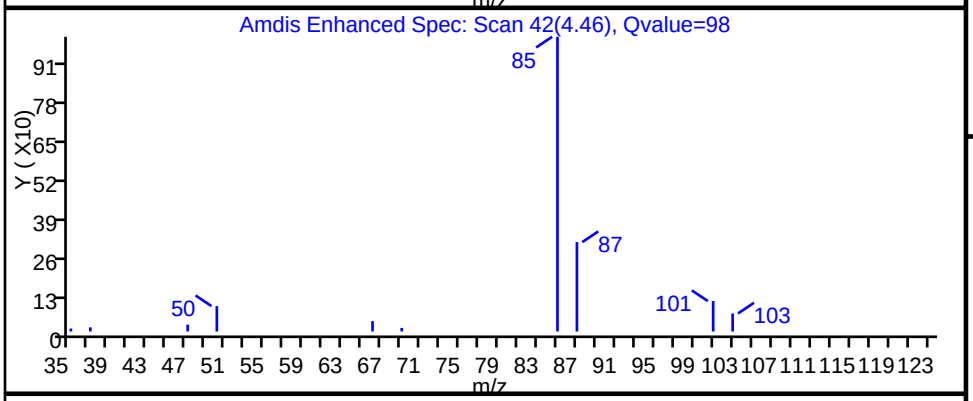
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

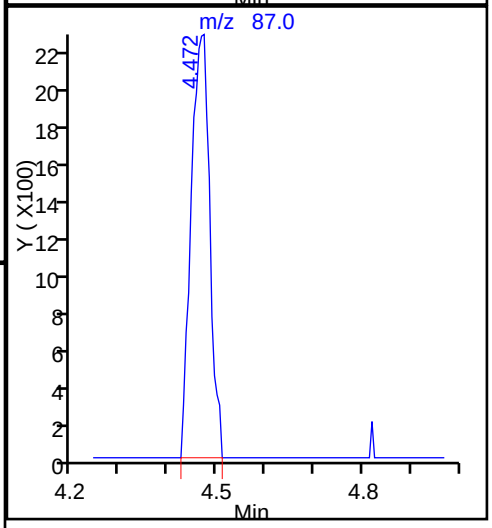
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

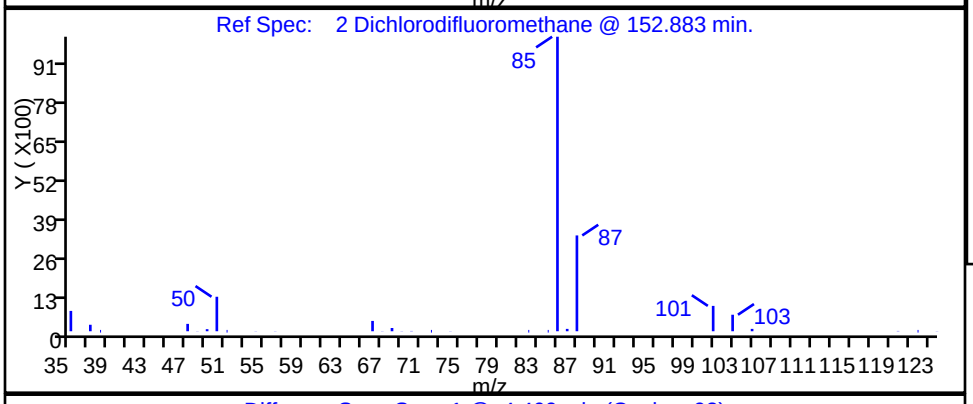
2 Dichlorodifluoromethane, CAS: 75-71-8

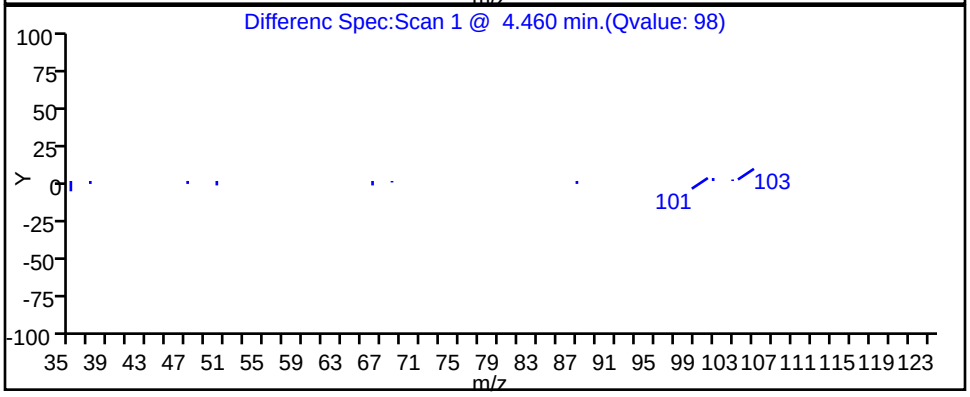










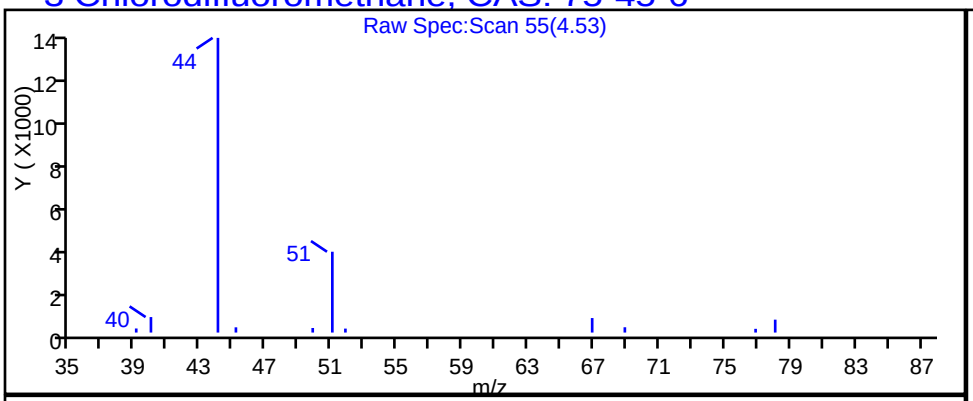


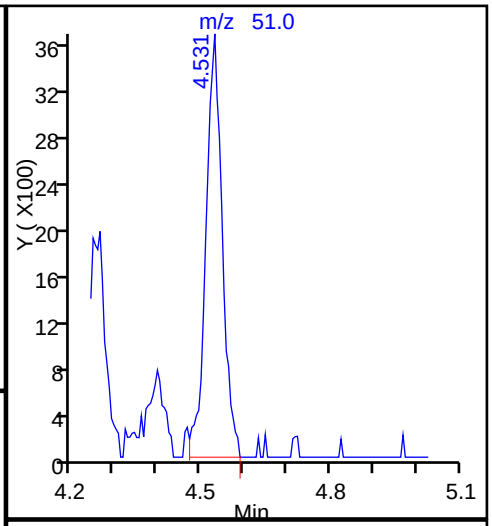
Report Date: 30-Jan-2015 09:12:11 Chrom Revision: 2.2 15-Jan-2015 13:05:58

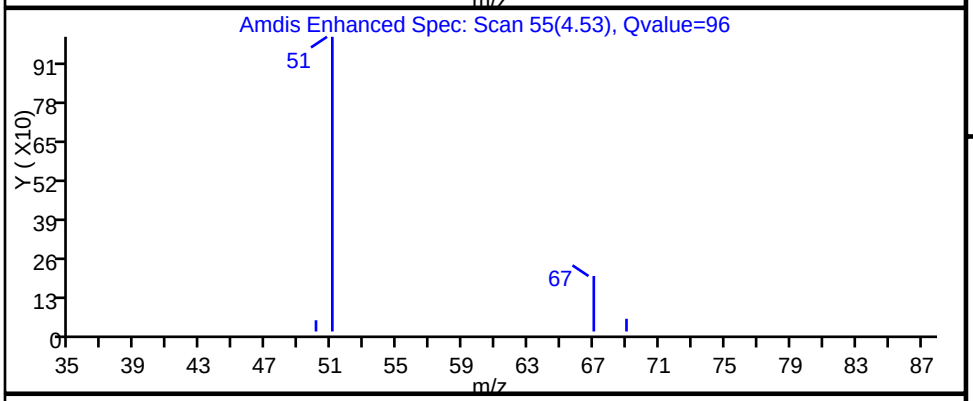
TestAmerica Burlington

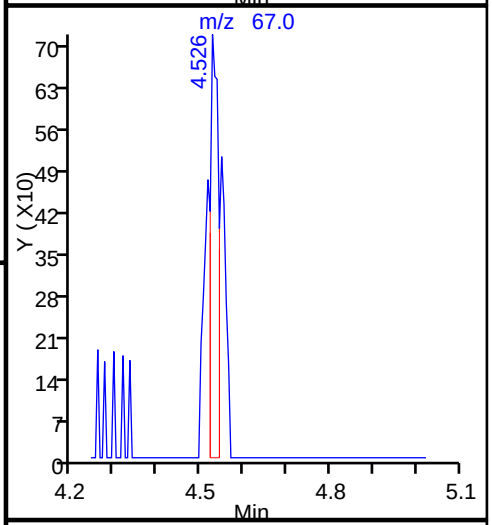
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d				
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

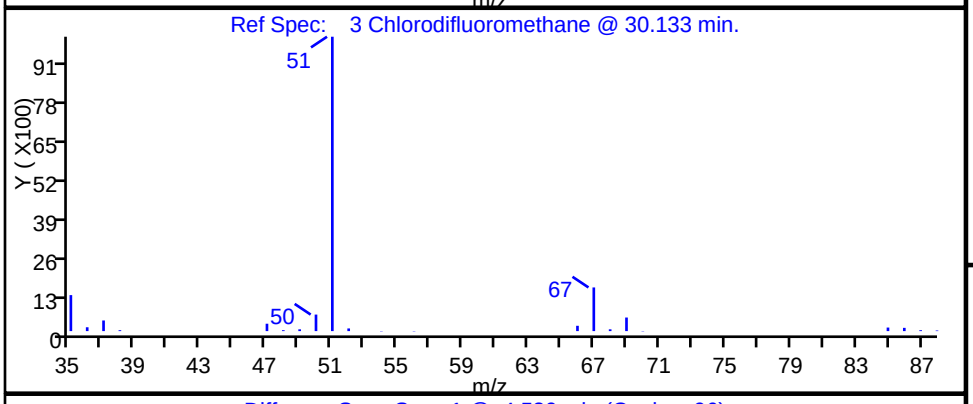
3 Chlorodifluoromethane, CAS: 75-45-6

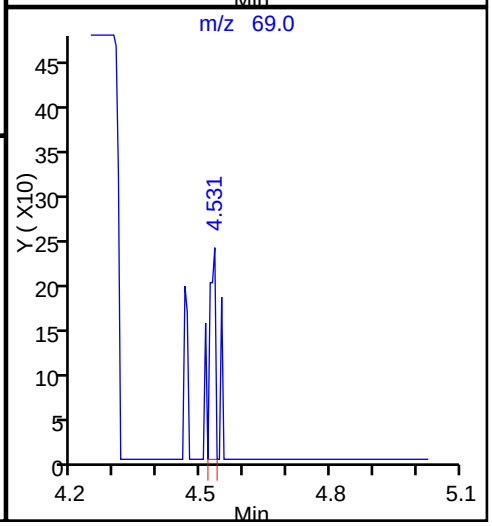


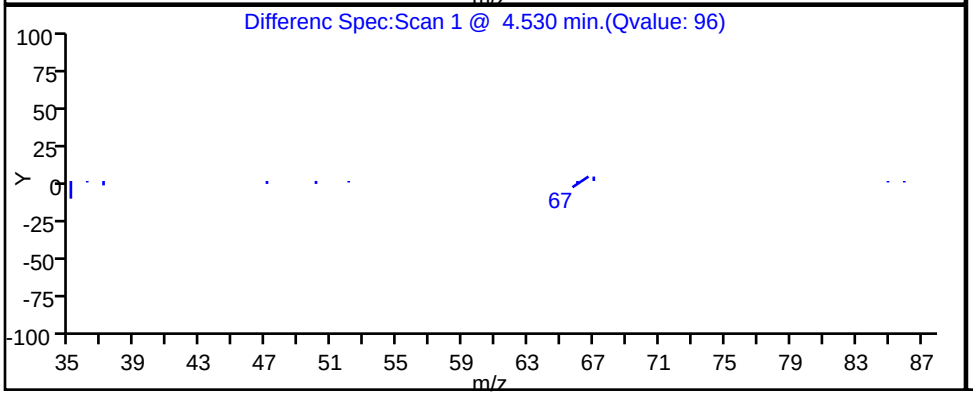












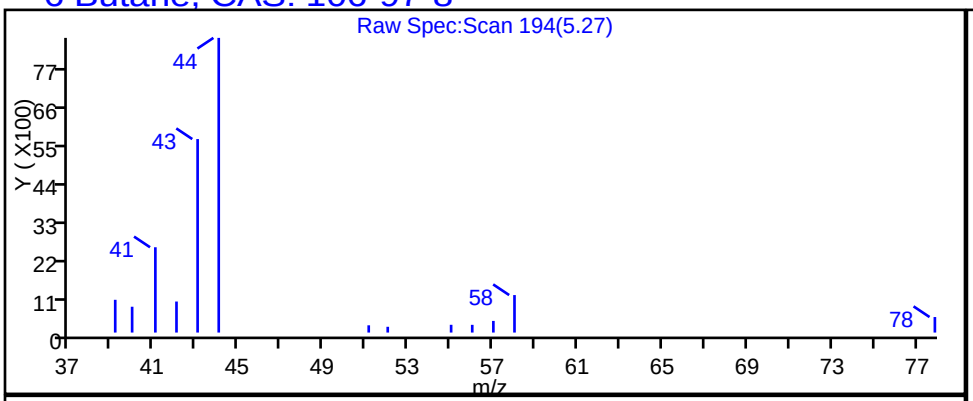
Report Date: 30-Jan-2015 09:12:11 Chrom Revision: 2.2 15-Jan-2015 13:05:58

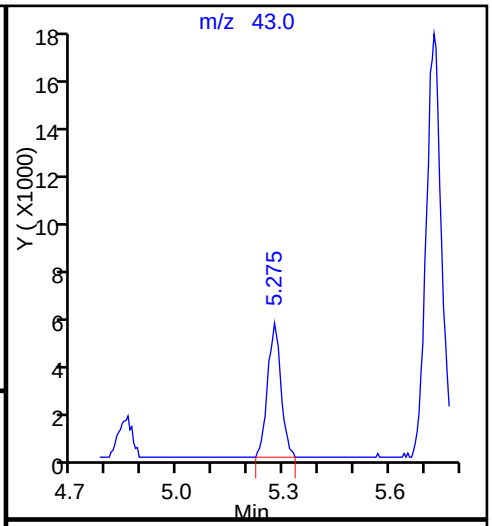
TestAmerica Burlington

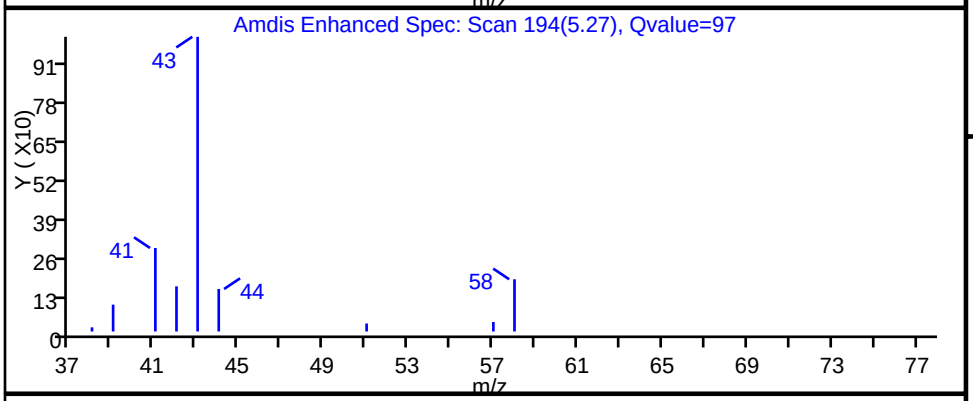
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

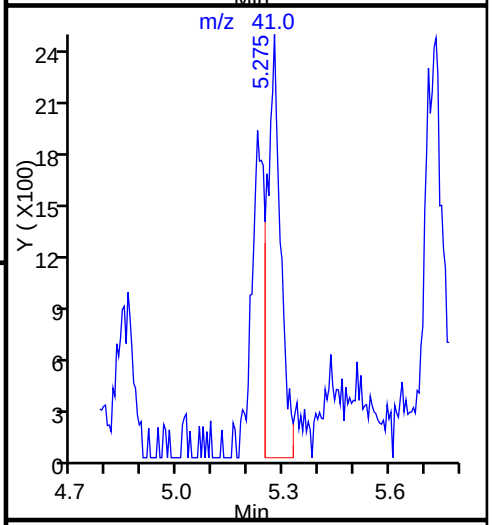
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

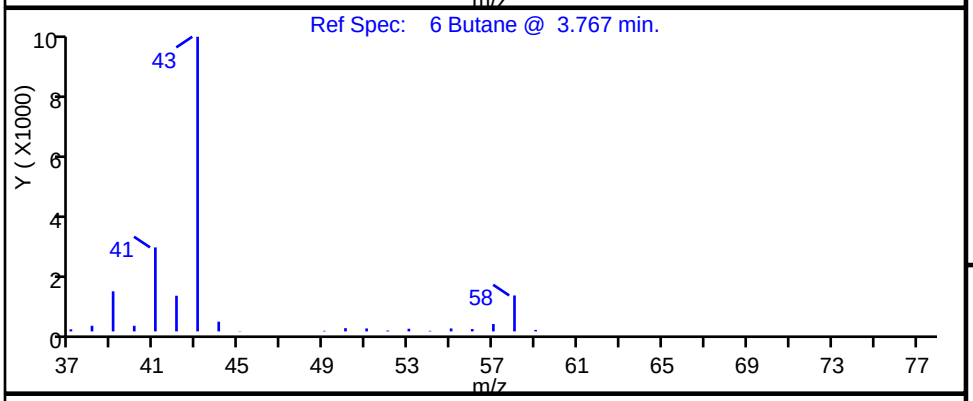
6 Butane, CAS: 106-97-8

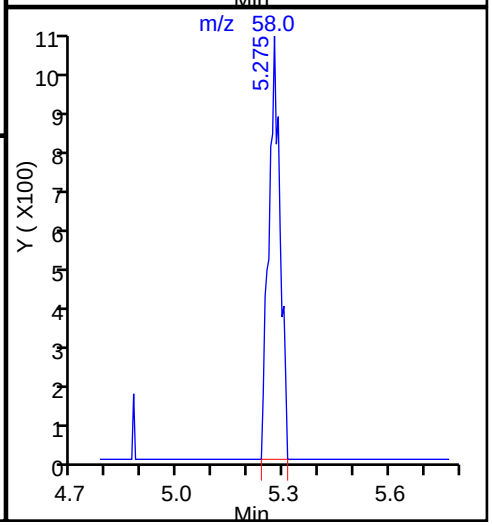


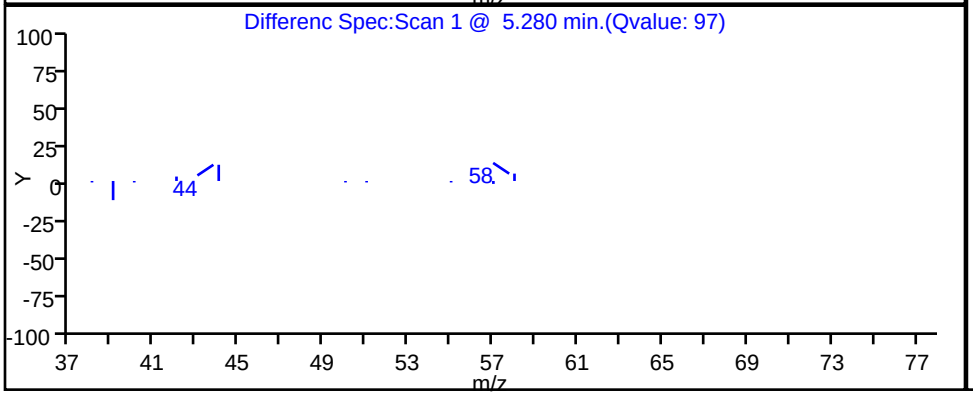












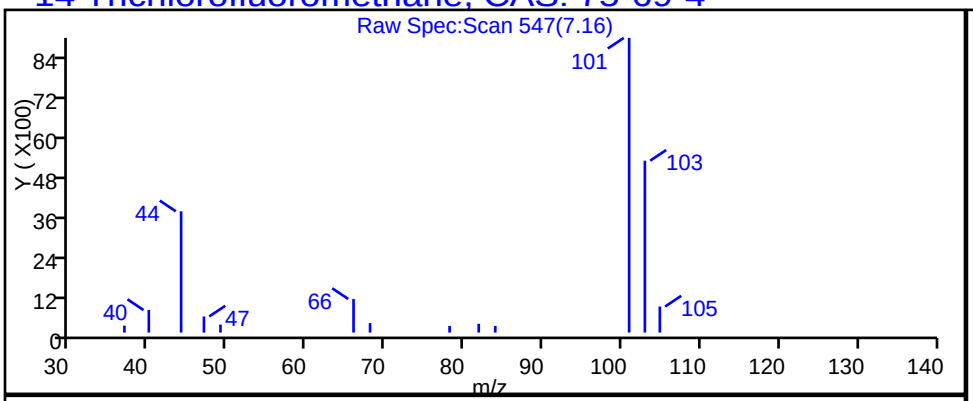
Report Date: 30-Jan-2015 09:12:11 Chrom Revision: 2.2 15-Jan-2015 13:05:58

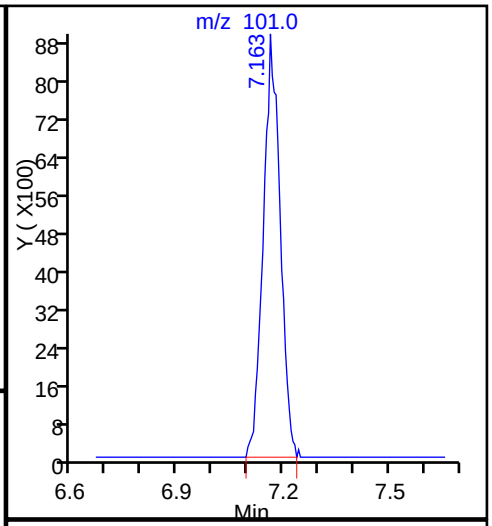
TestAmerica Burlington

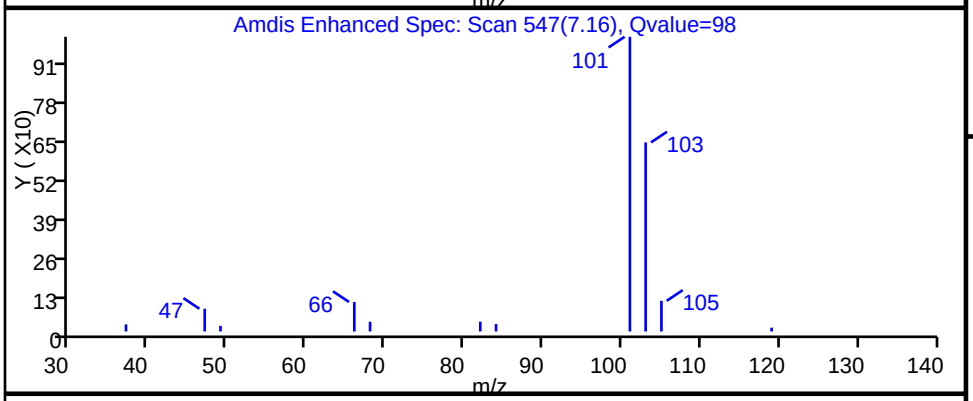
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

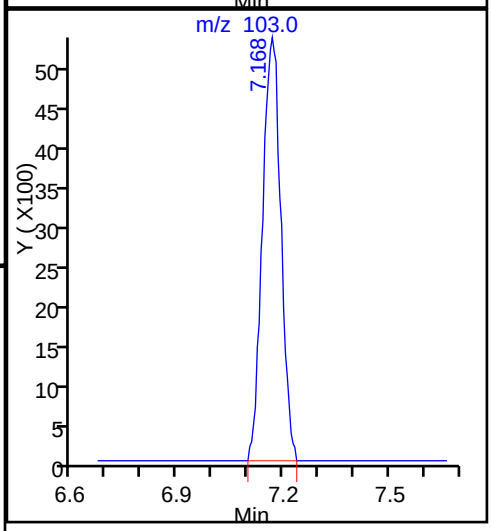
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4
Client ID:	101VMP0201FA		
Operator ID:	bpl	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

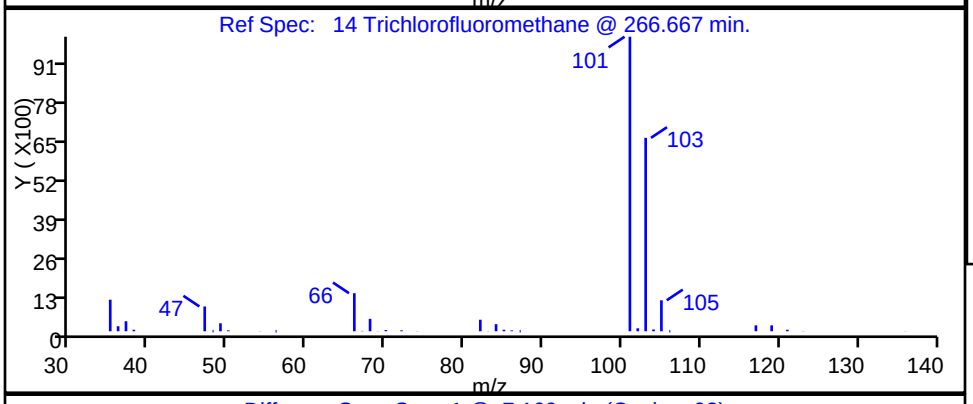
14 Trichlorofluoromethane, CAS: 75-69-4

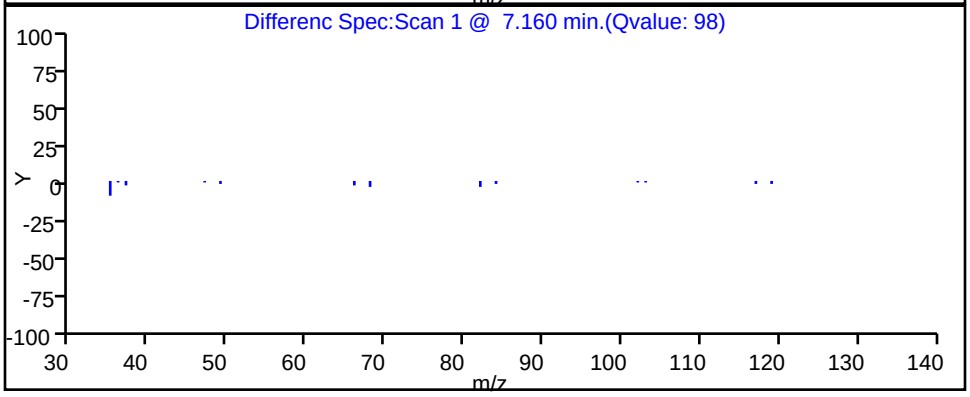












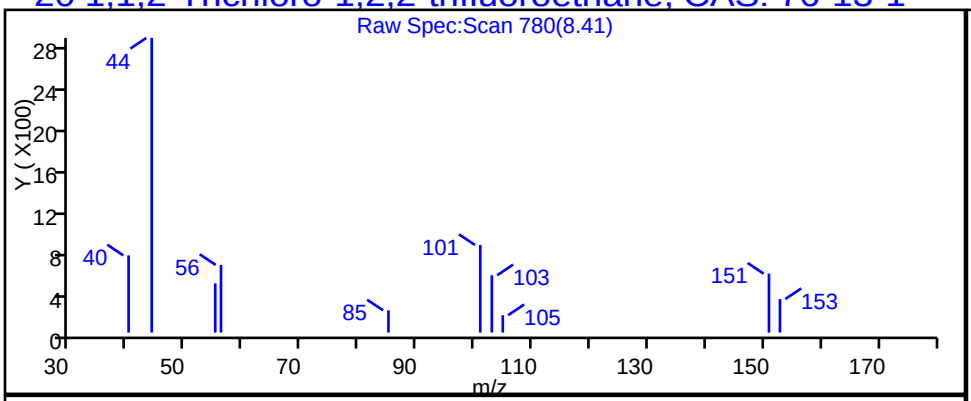
Report Date: 30-Jan-2015 09:12:11 Chrom Revision: 2.2 15-Jan-2015 13:05:58

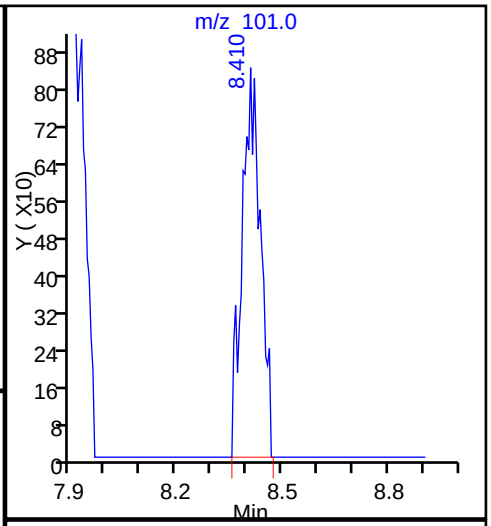
TestAmerica Burlington

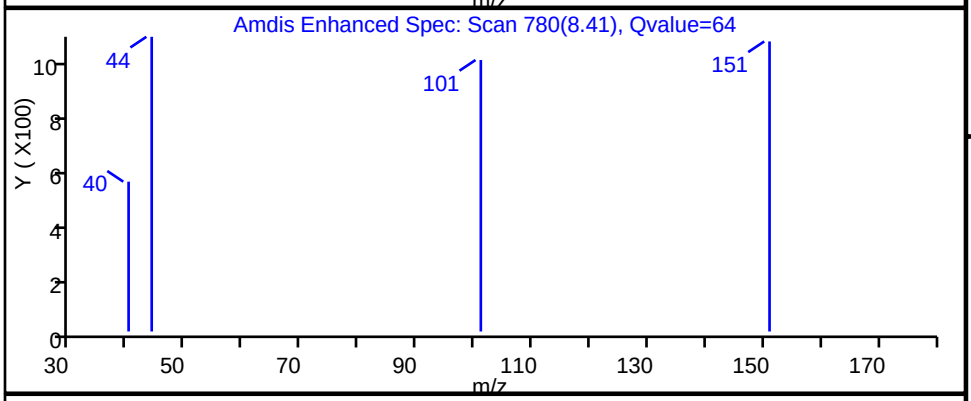
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

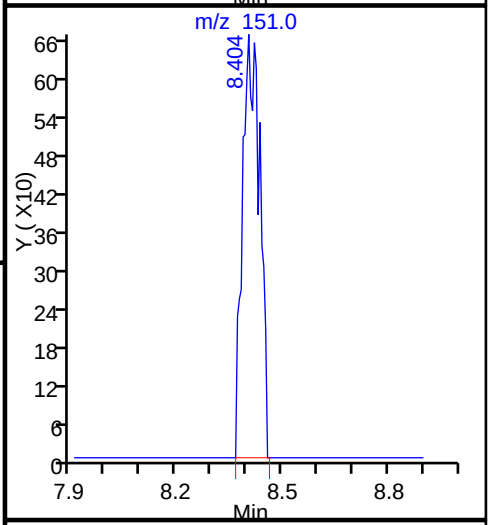
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

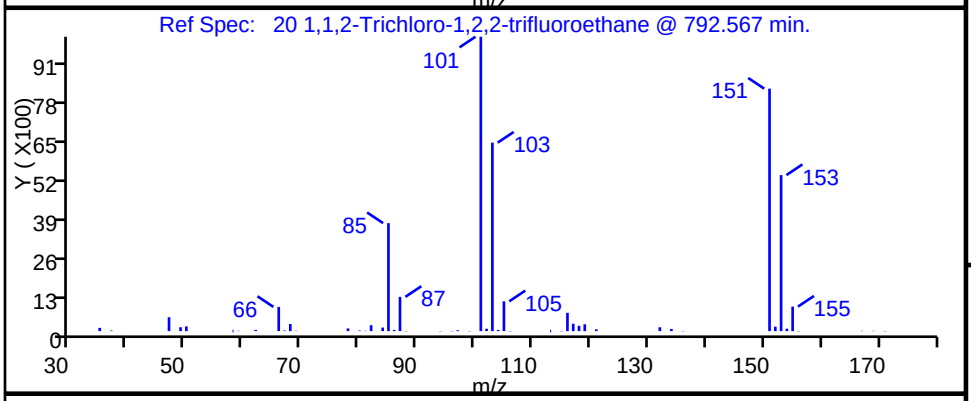
20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

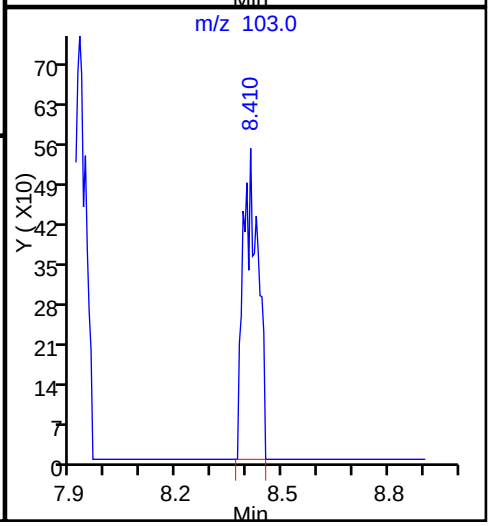


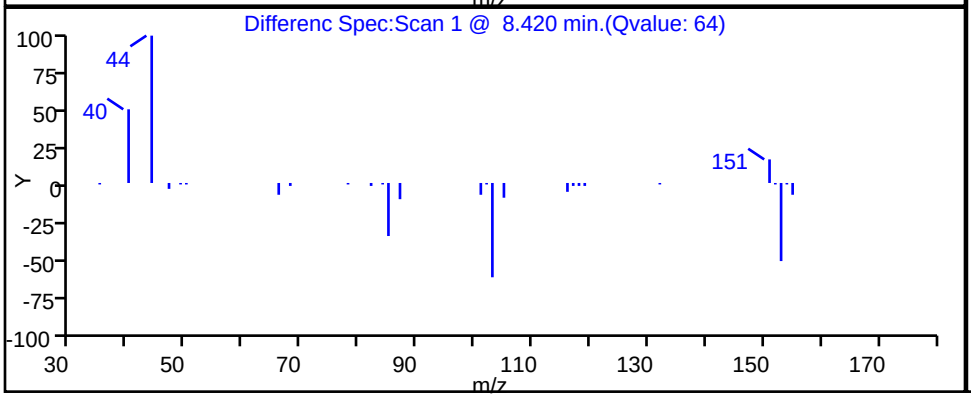












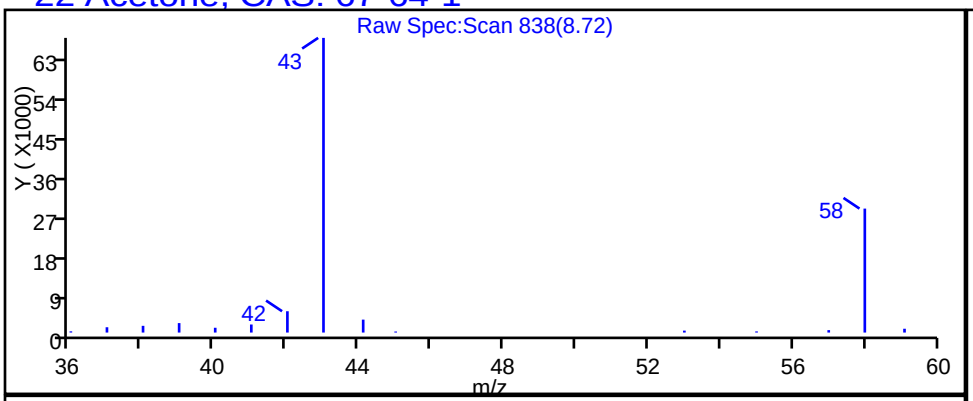
Report Date: 30-Jan-2015 09:12:11 Chrom Revision: 2.2 15-Jan-2015 13:05:58

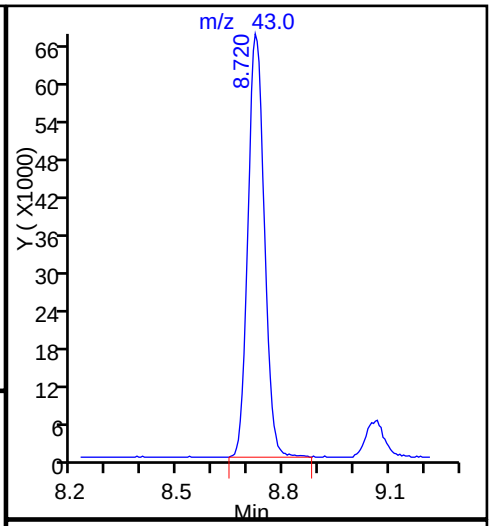
TestAmerica Burlington

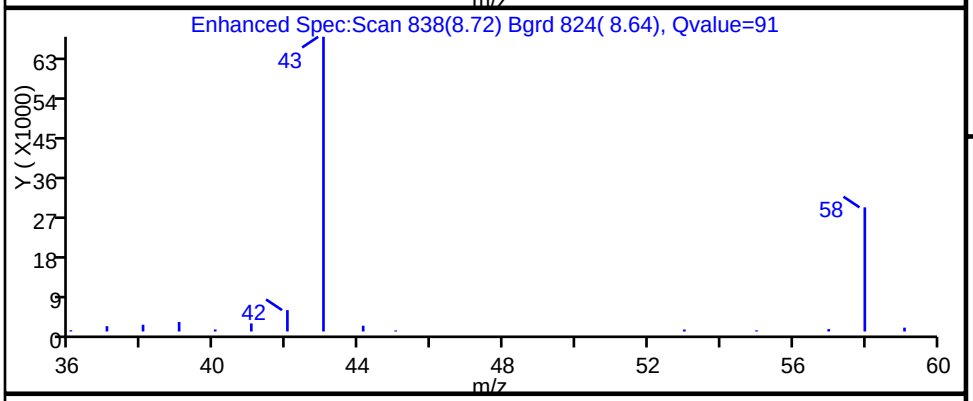
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

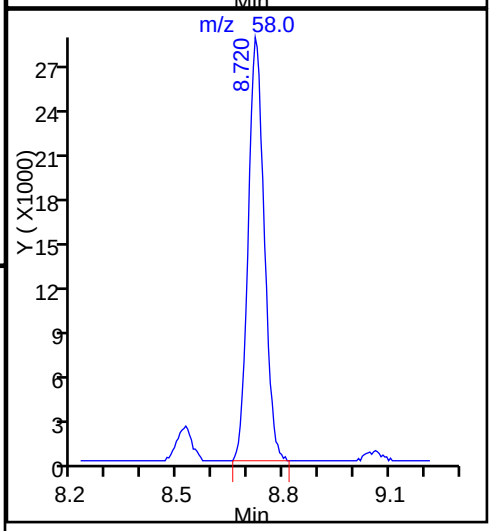
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

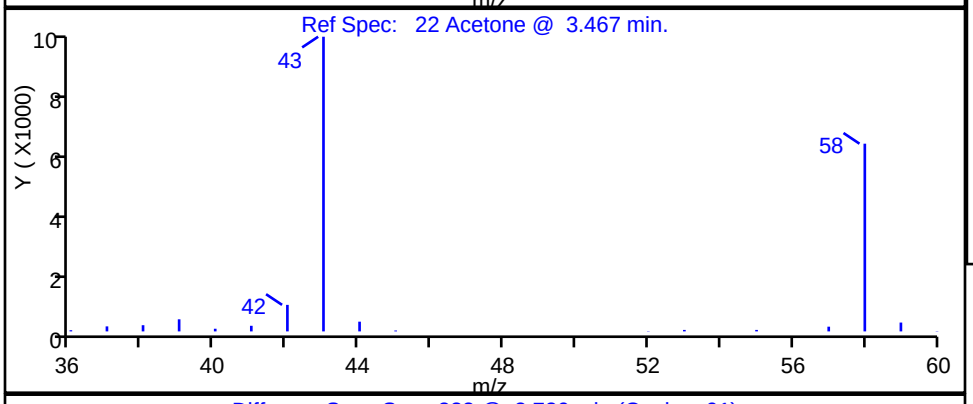
22 Acetone, CAS: 67-64-1

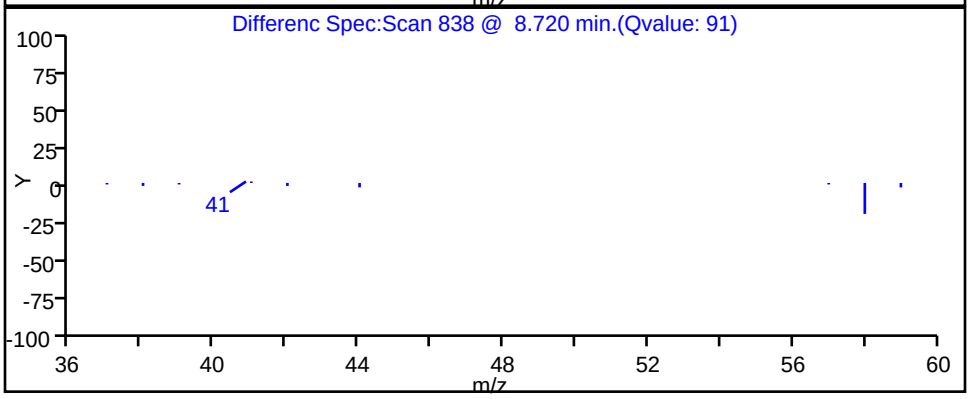












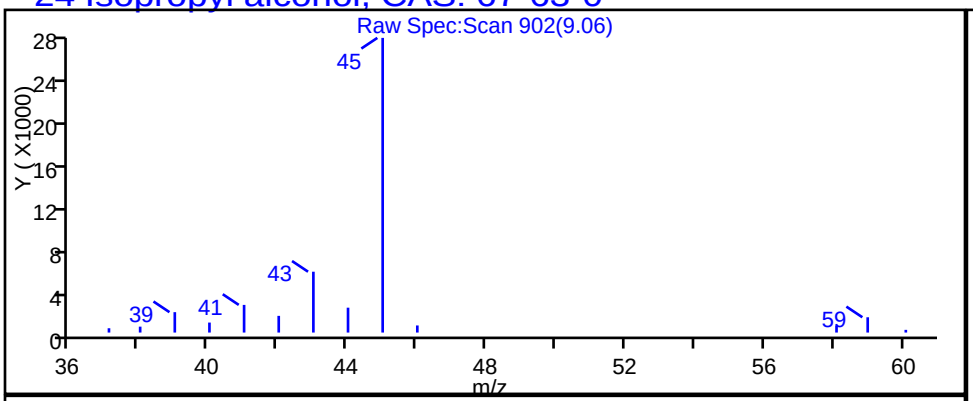
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

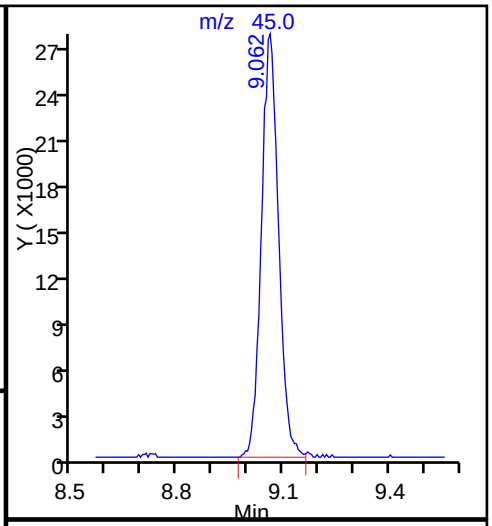
TestAmerica Burlington

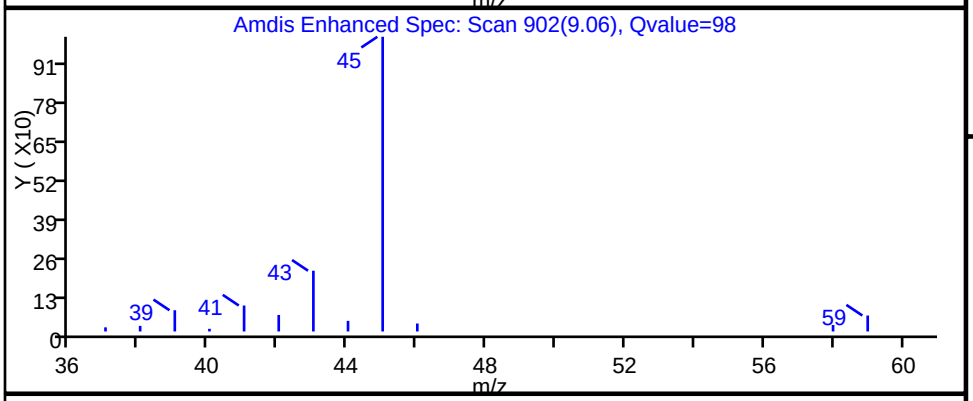
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

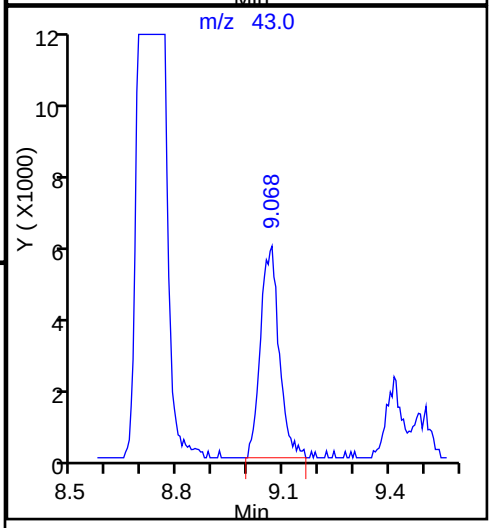
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4
Client ID:	101VMP0201FA		
Operator ID:	bpl	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

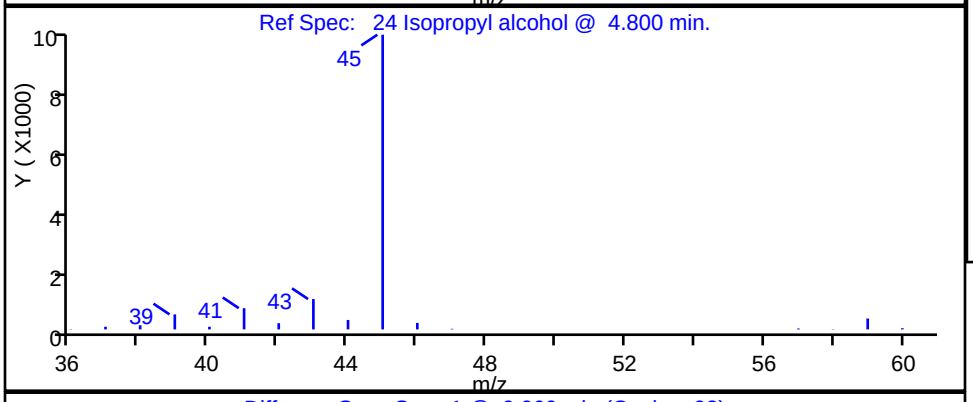
24 Isopropyl alcohol, CAS: 67-63-0

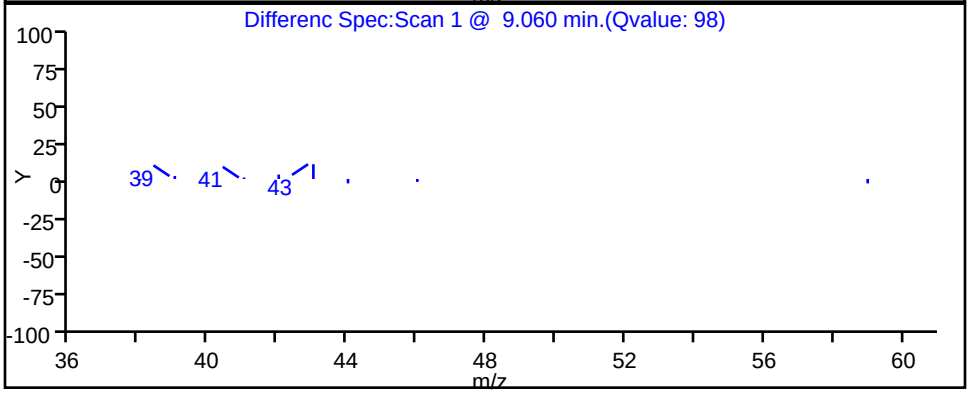












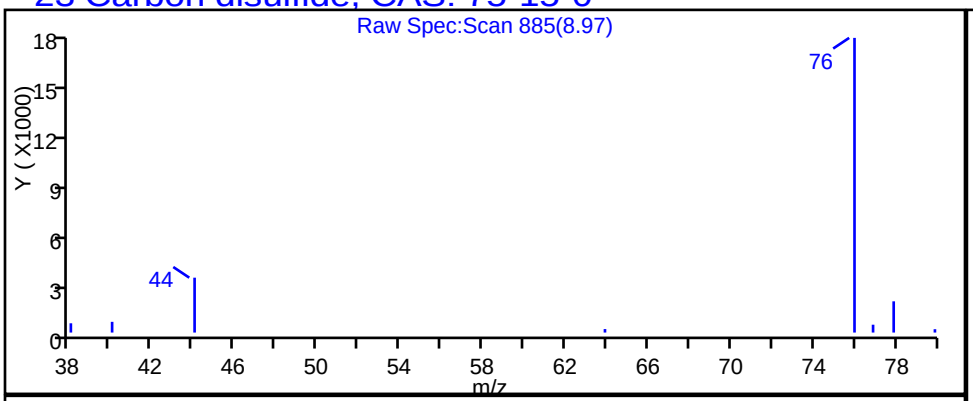
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

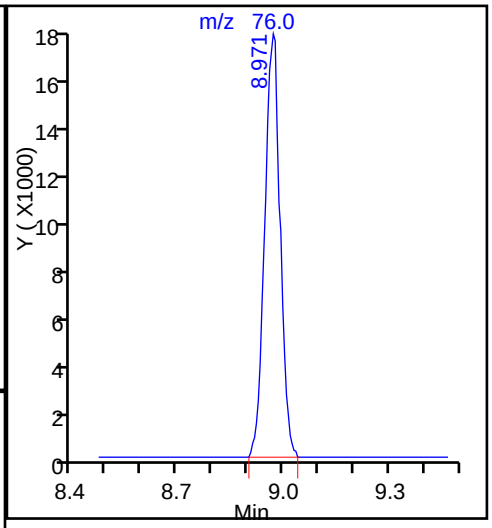
TestAmerica Burlington

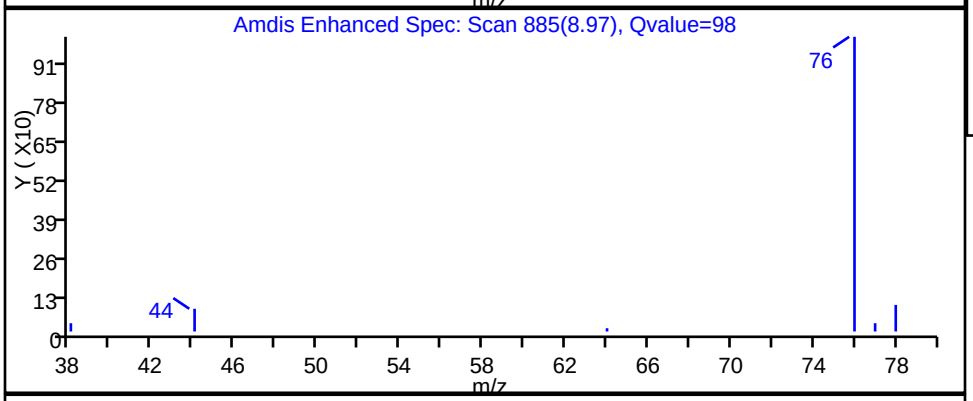
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

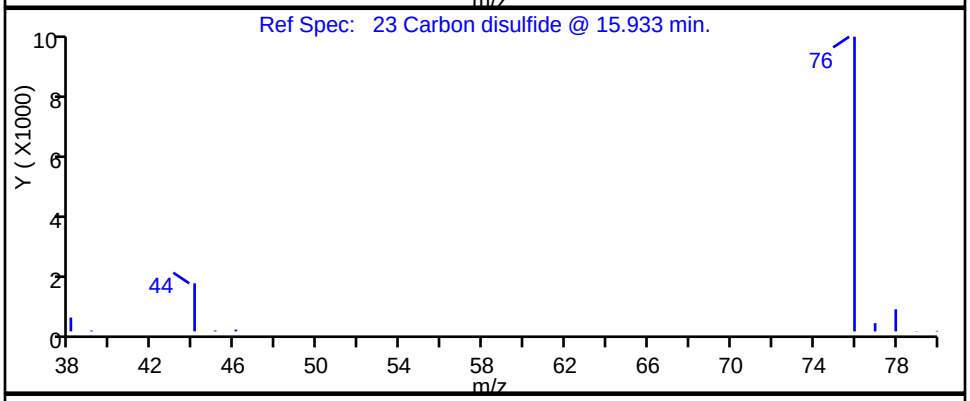
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

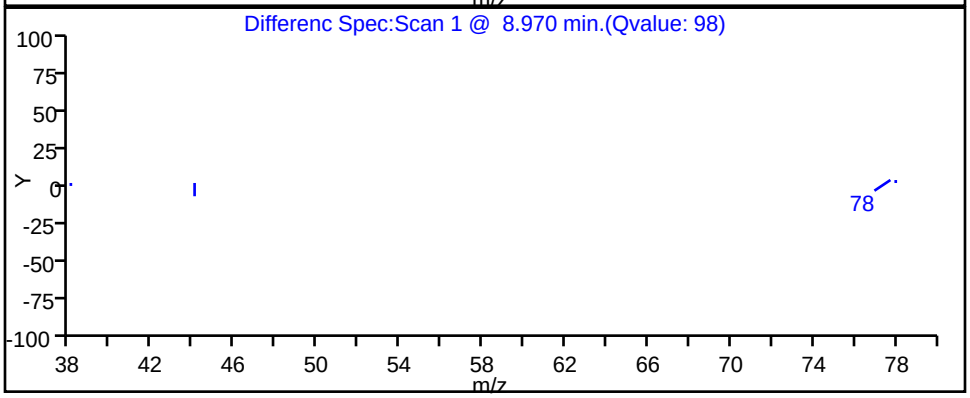
23 Carbon disulfide, CAS: 75-15-0











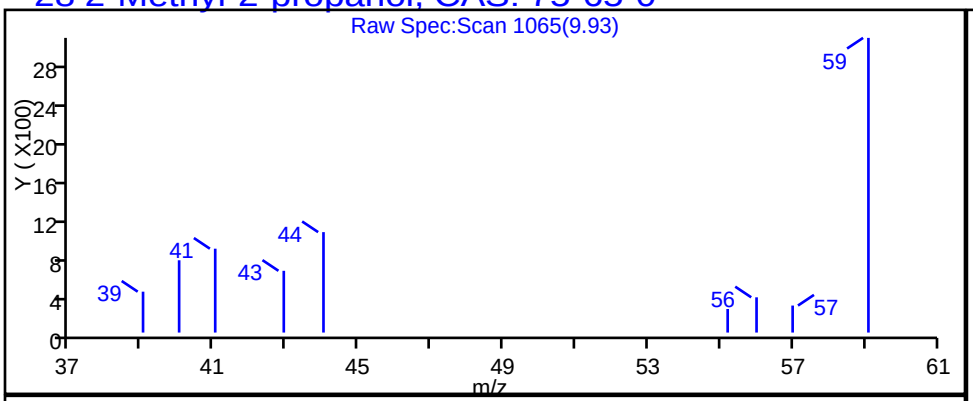
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

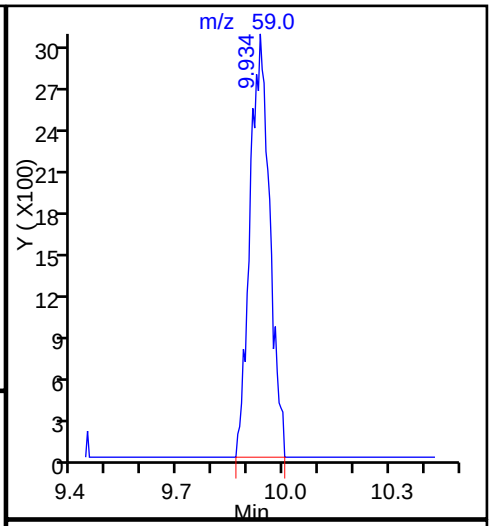
TestAmerica Burlington

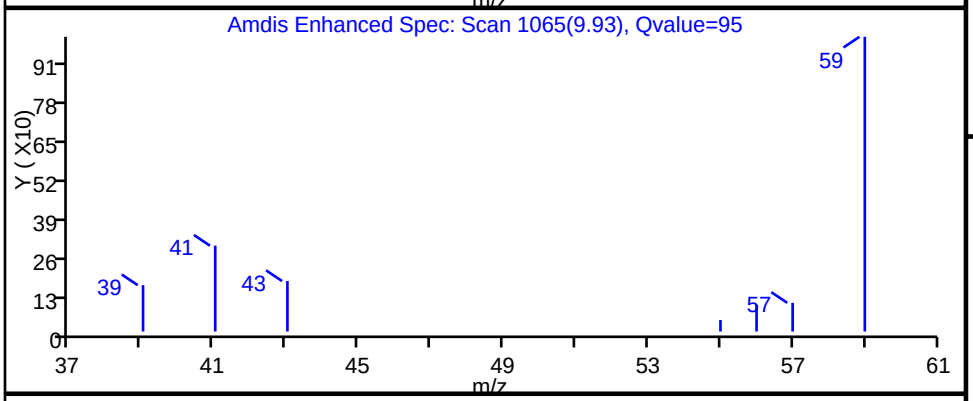
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

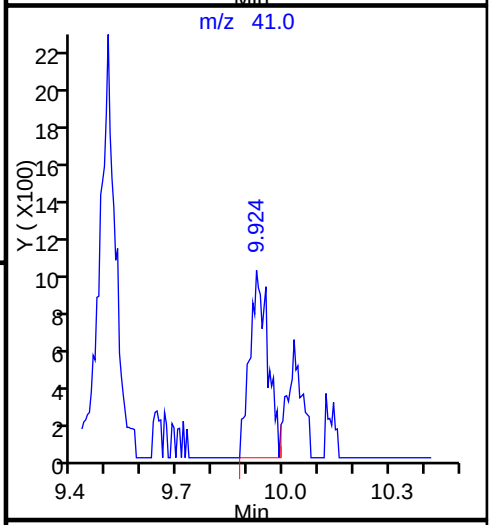
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4
Client ID:	101VMP0201FA		
Operator ID:	bpl	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

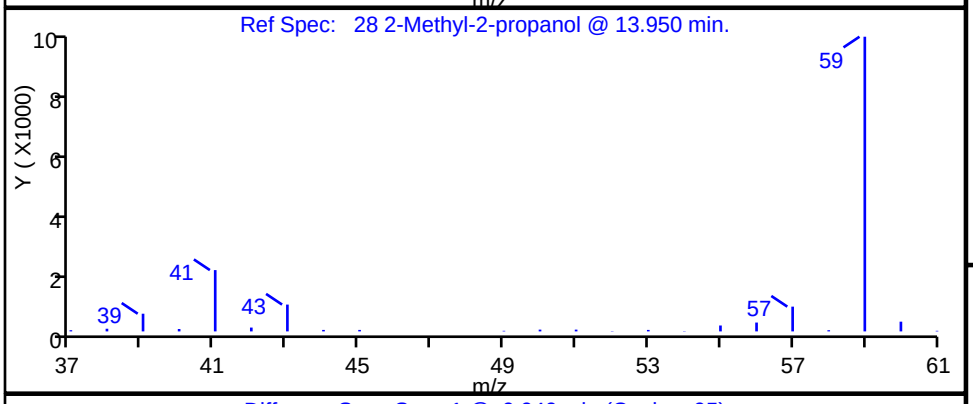
28 2-Methyl-2-propanol, CAS: 75-65-0

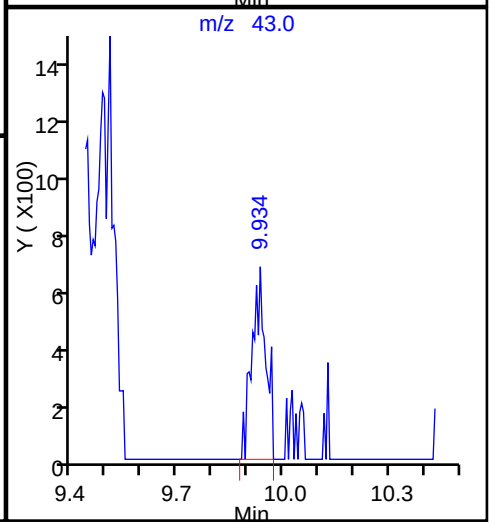


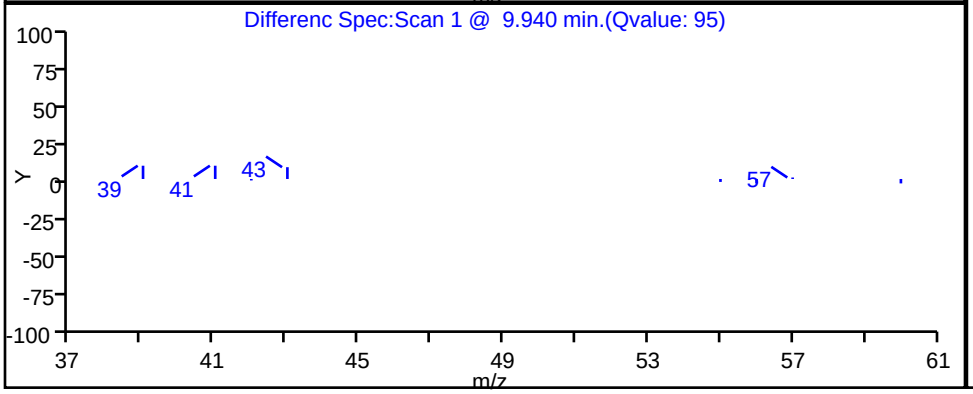










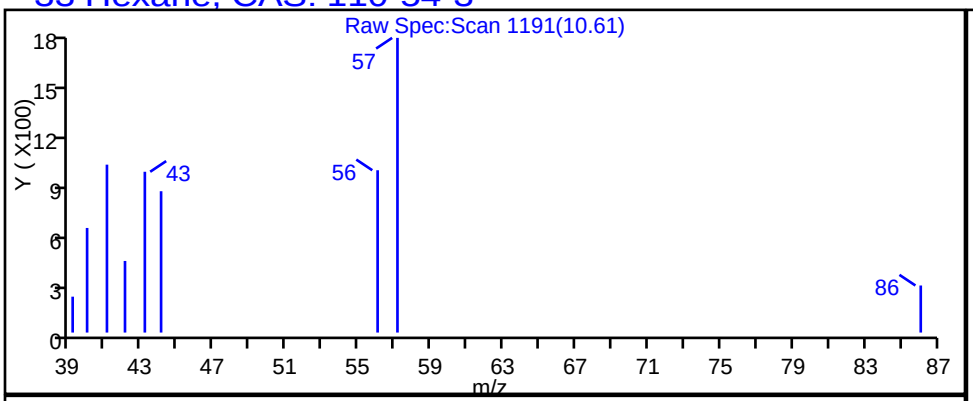


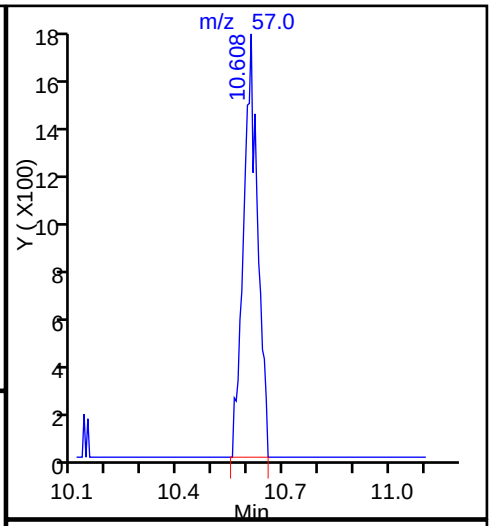
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

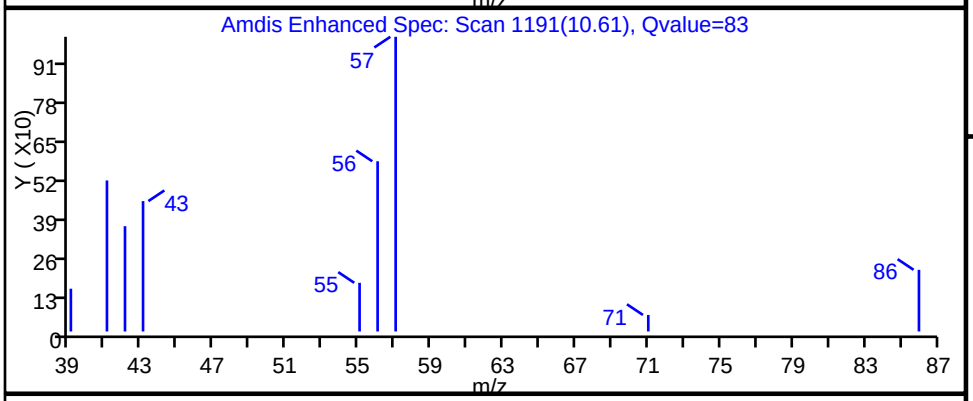
TestAmerica Burlington

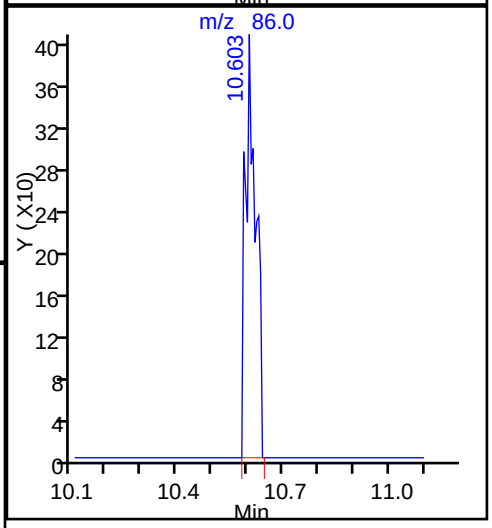
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d				
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

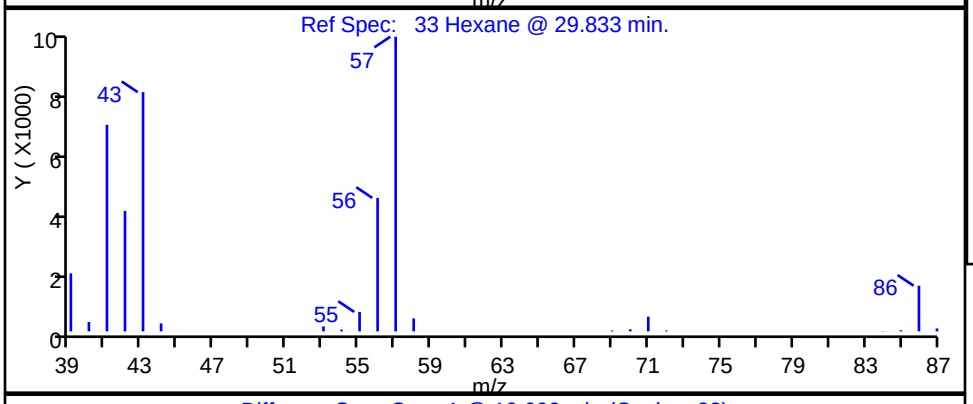
33 Hexane, CAS: 110-54-3

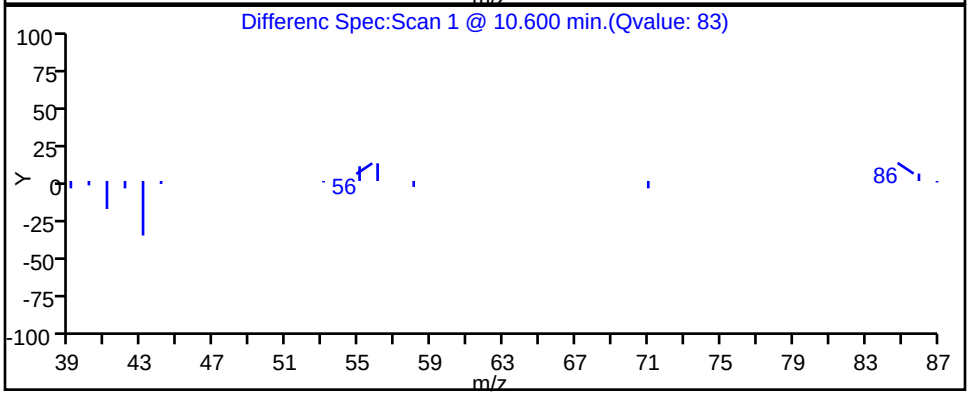












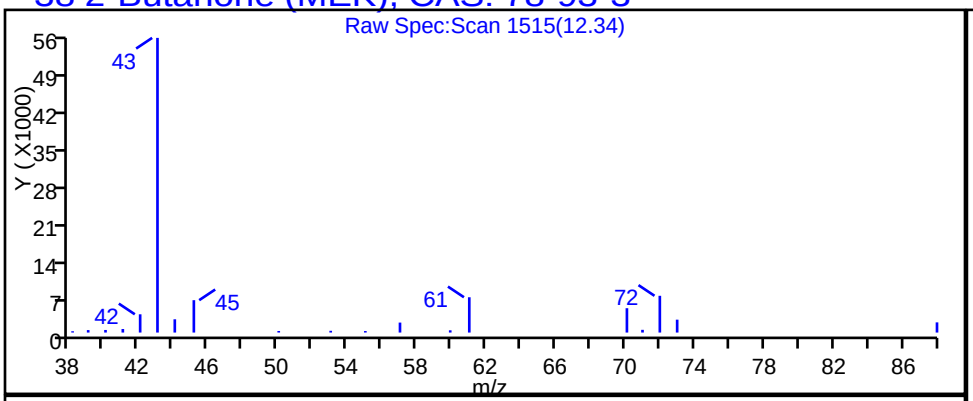
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

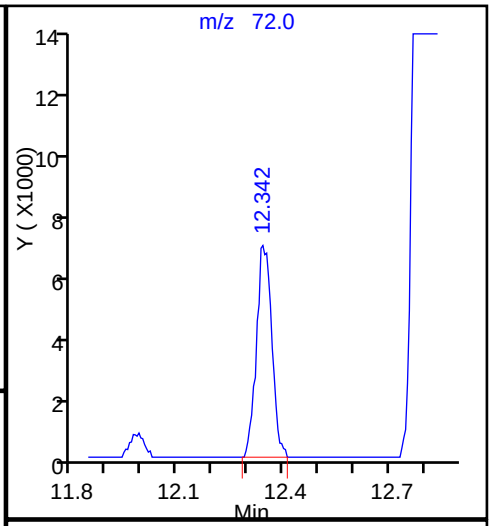
TestAmerica Burlington

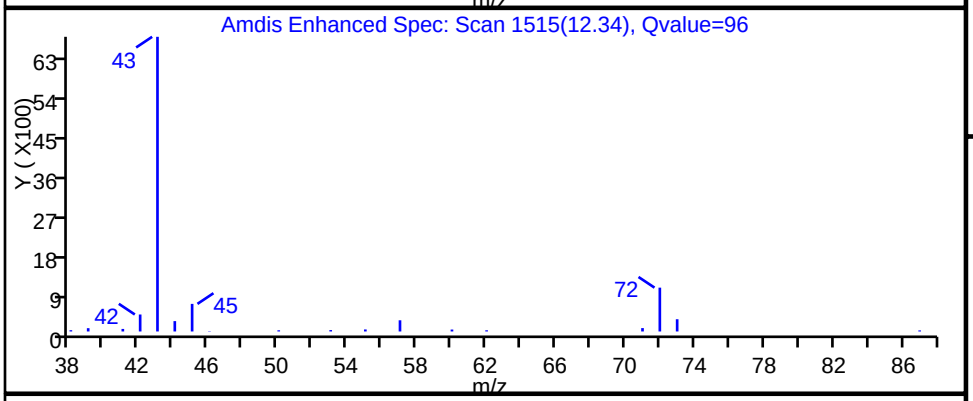
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

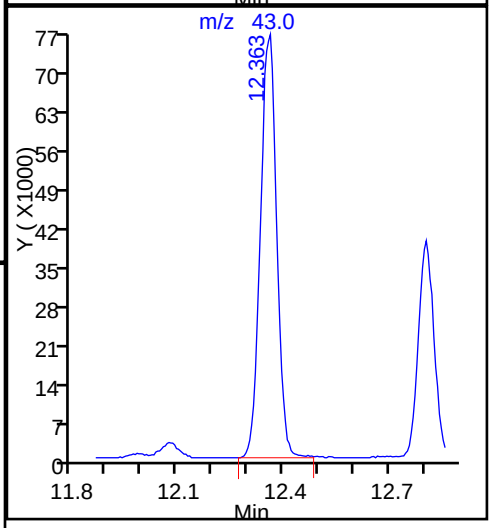
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

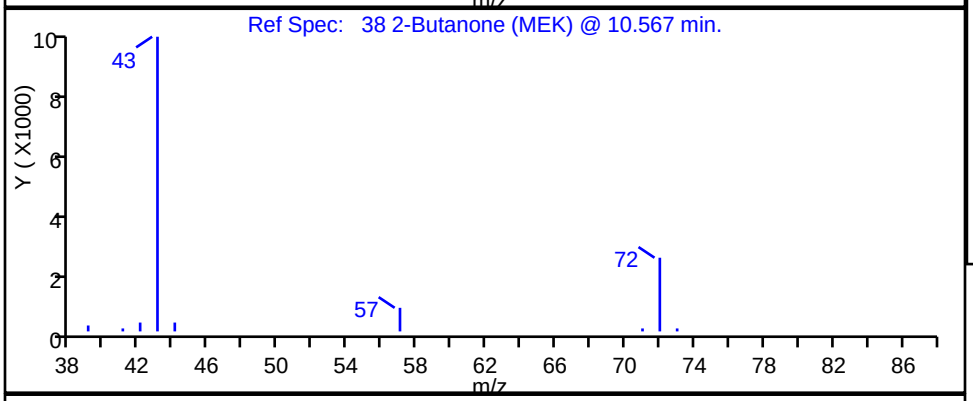
38 2-Butanone (MEK), CAS: 78-93-3

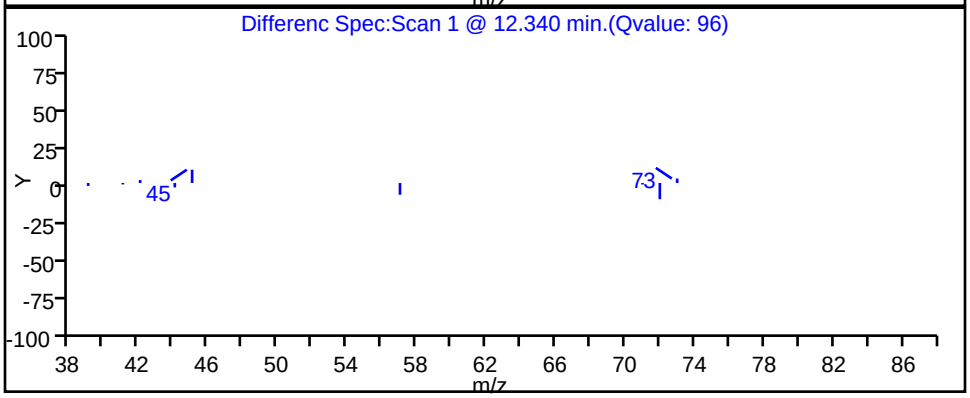












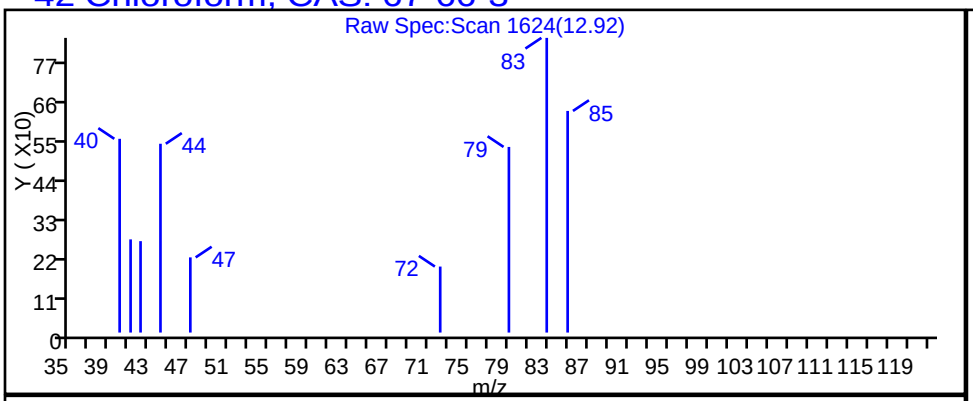
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

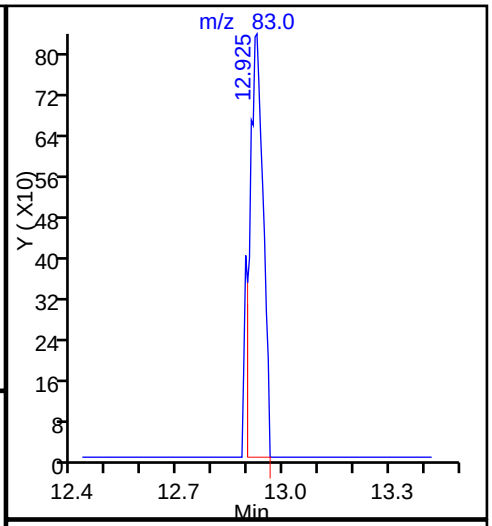
TestAmerica Burlington

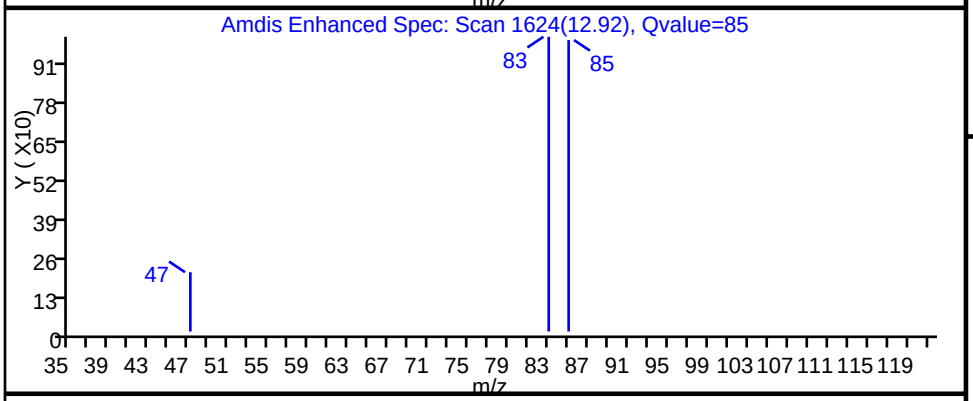
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

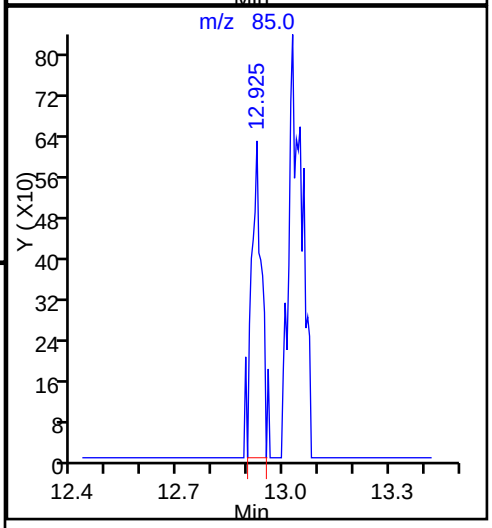
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

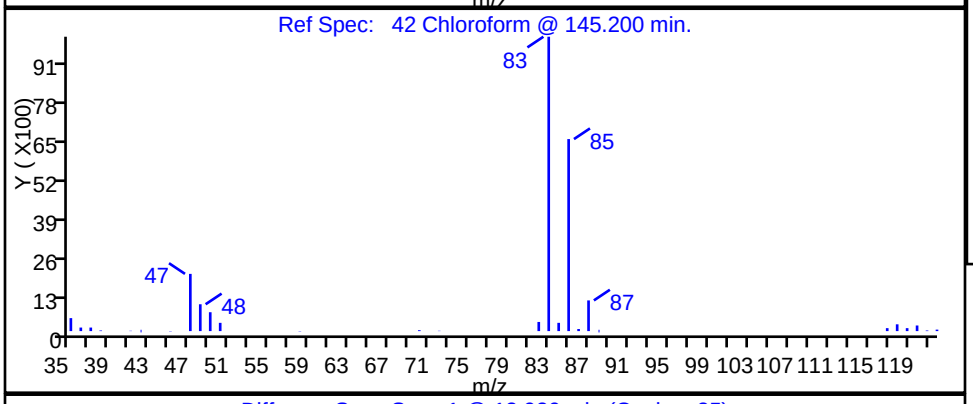
42 Chloroform, CAS: 67-66-3

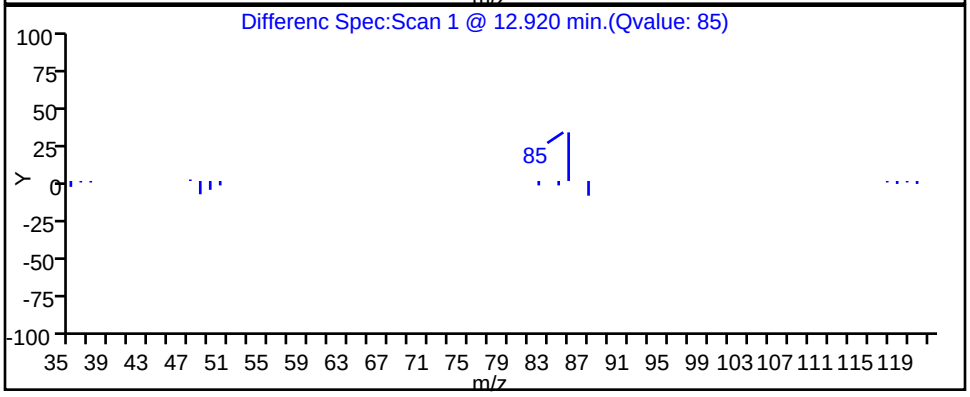










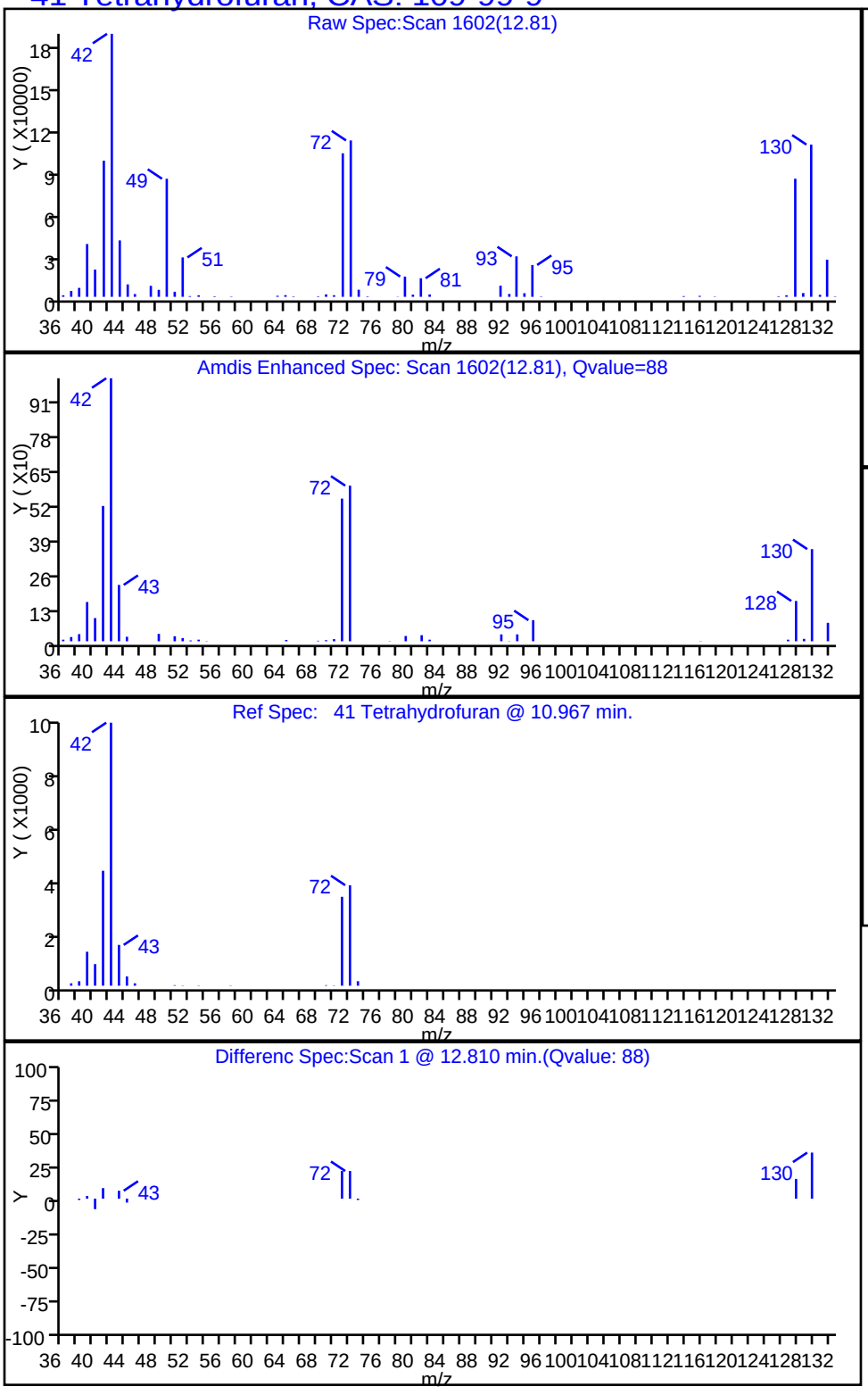


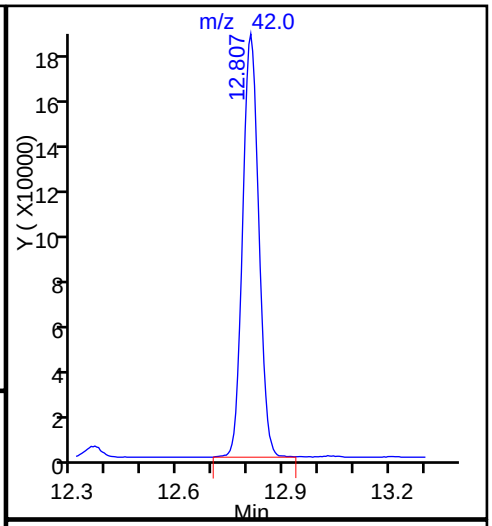
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

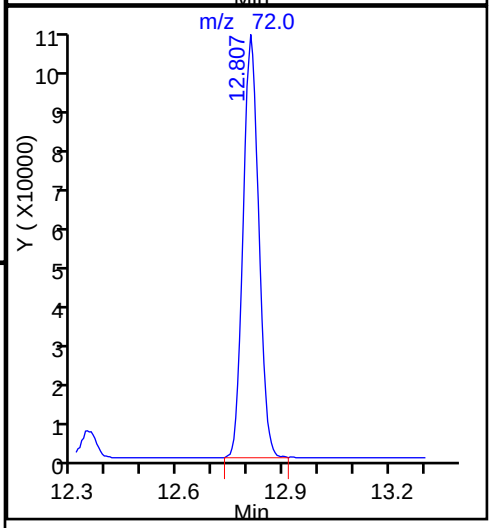
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d				
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 Tetrahydrofuran, CAS: 109-99-9







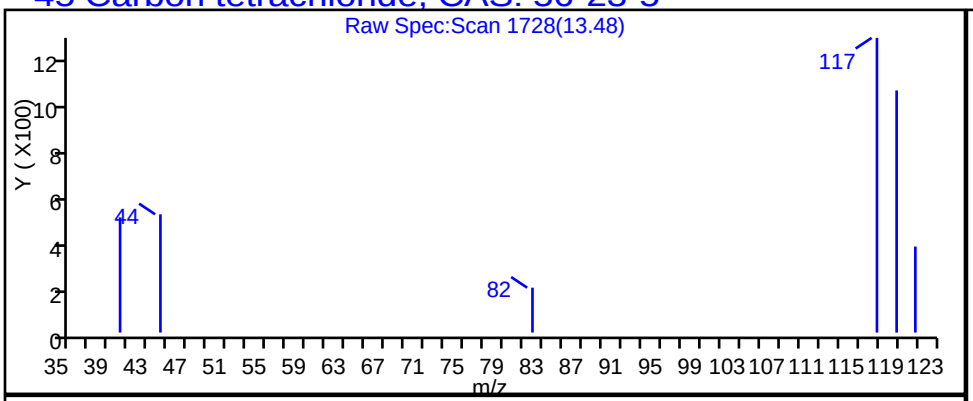
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

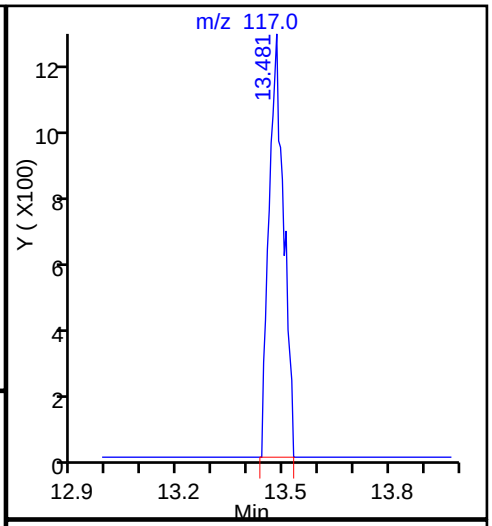
TestAmerica Burlington

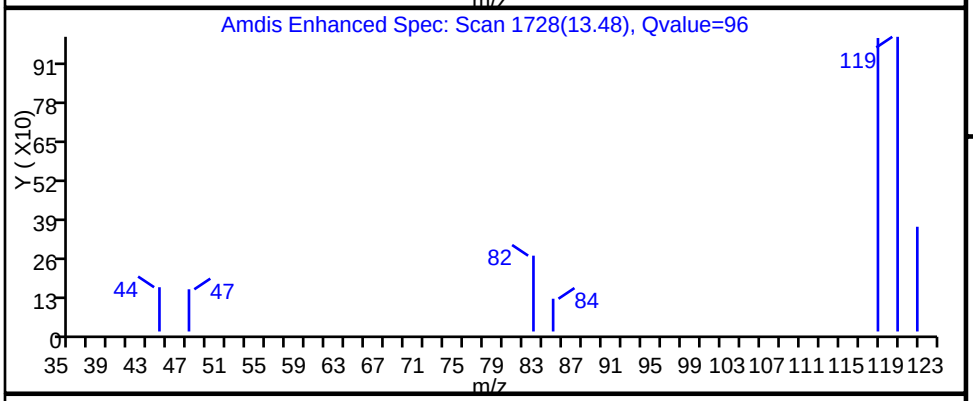
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

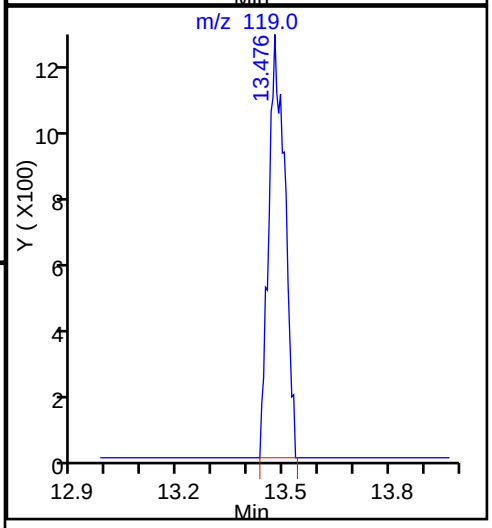
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

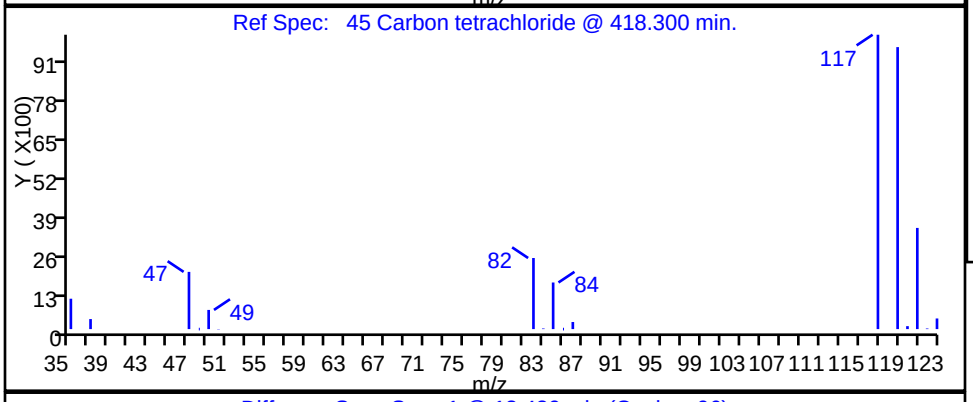
45 Carbon tetrachloride, CAS: 56-23-5

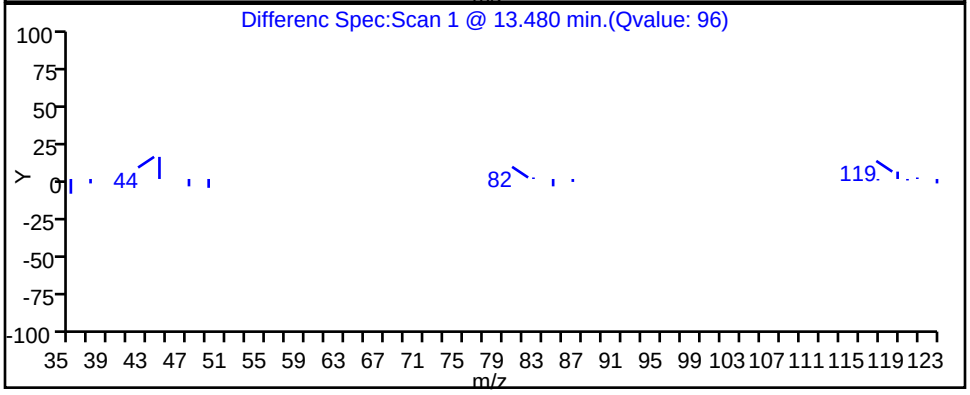












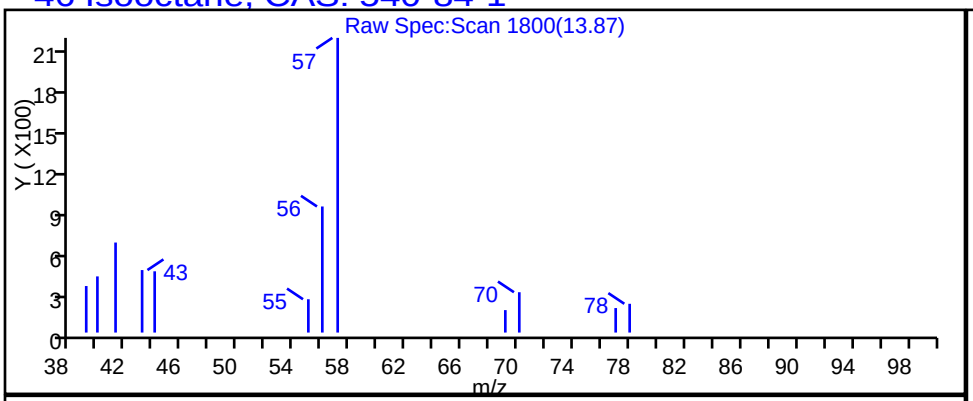
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

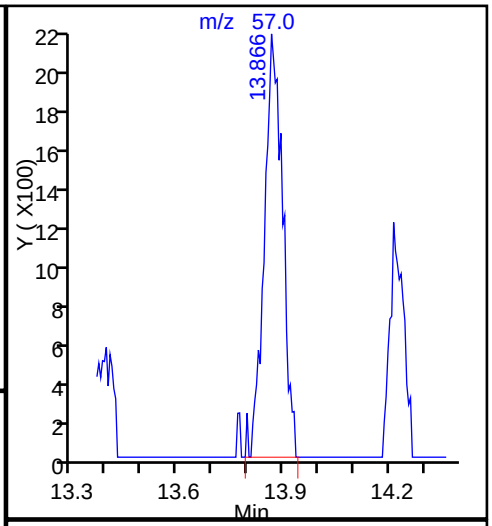
TestAmerica Burlington

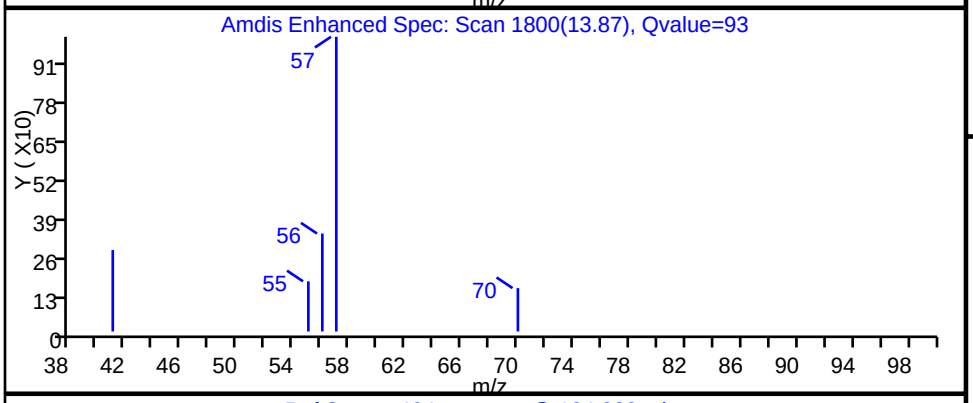
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

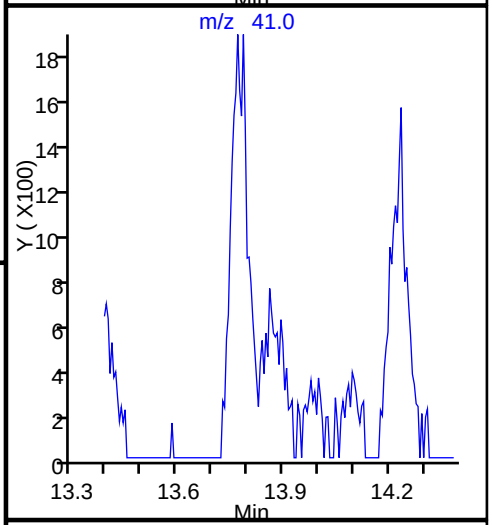
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4
Client ID:	101VMP0201FA		
Operator ID:	bpl	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

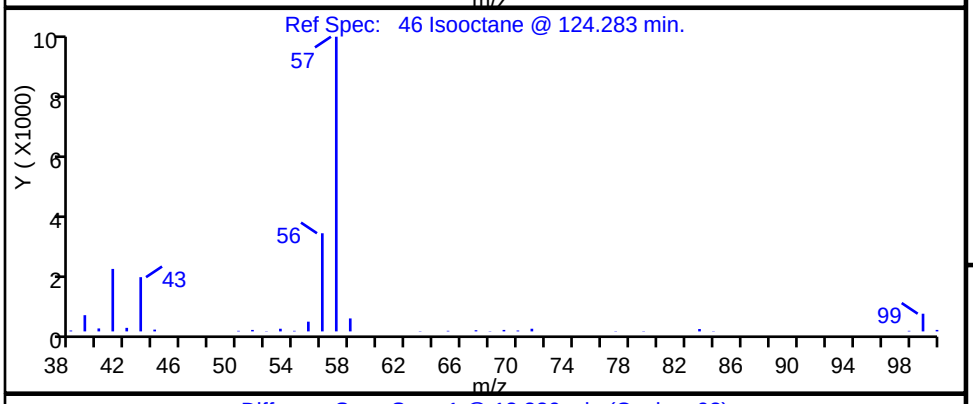
46 Isooctane, CAS: 540-84-1

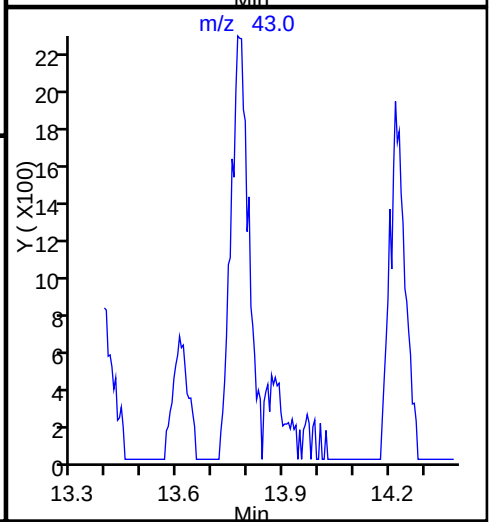


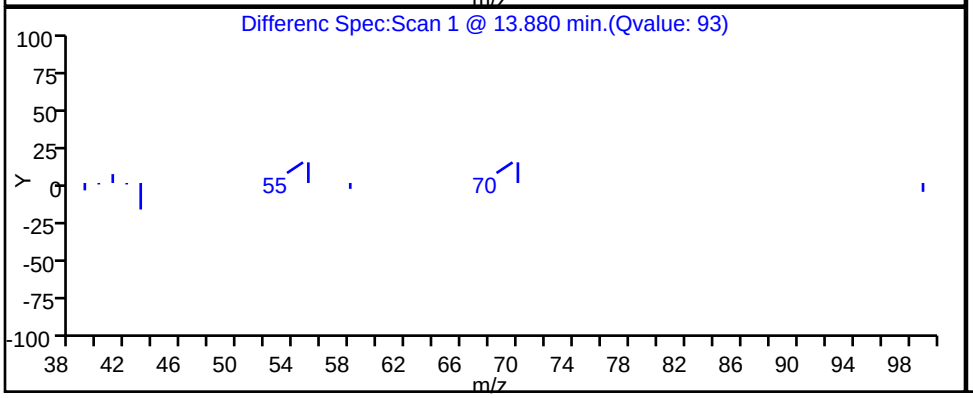










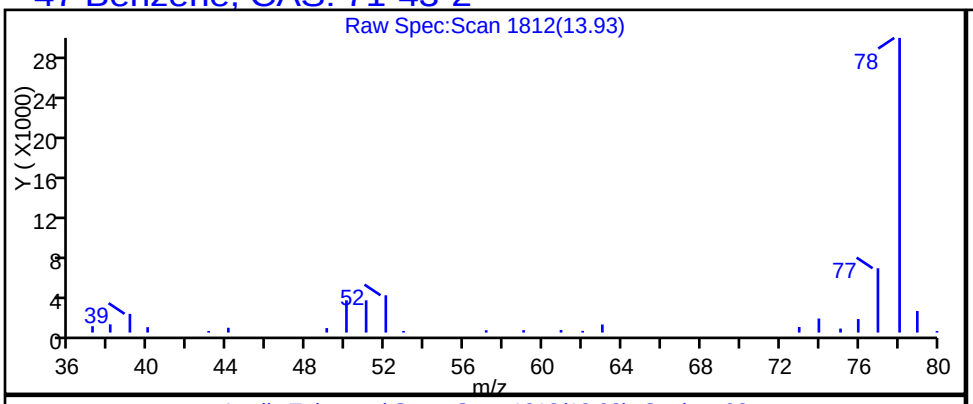


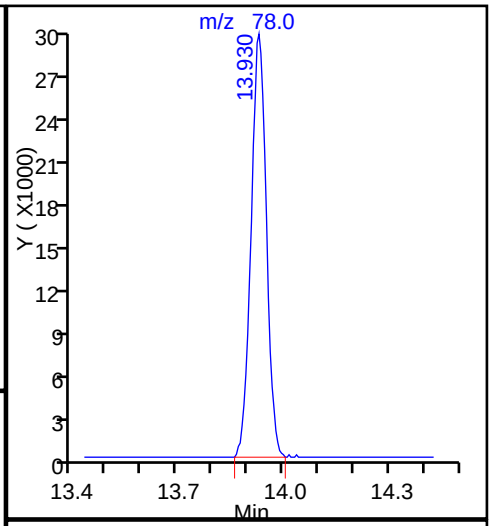
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

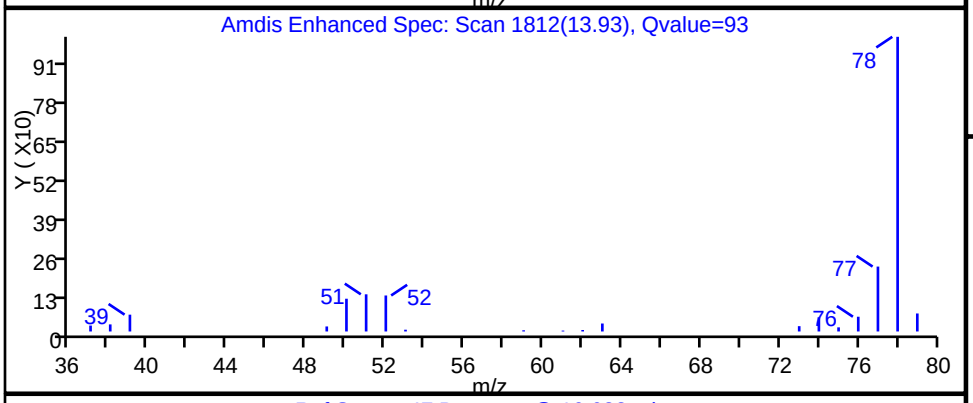
TestAmerica Burlington

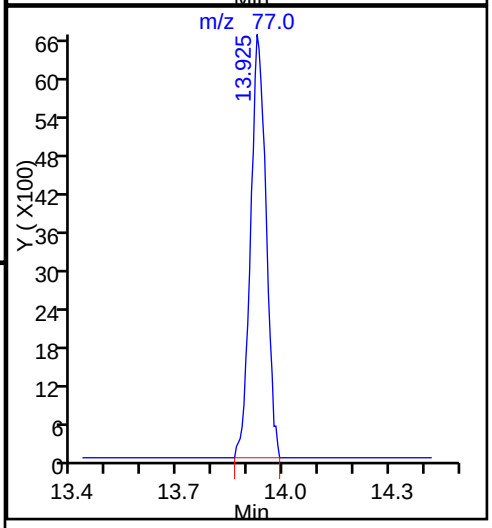
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d				
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

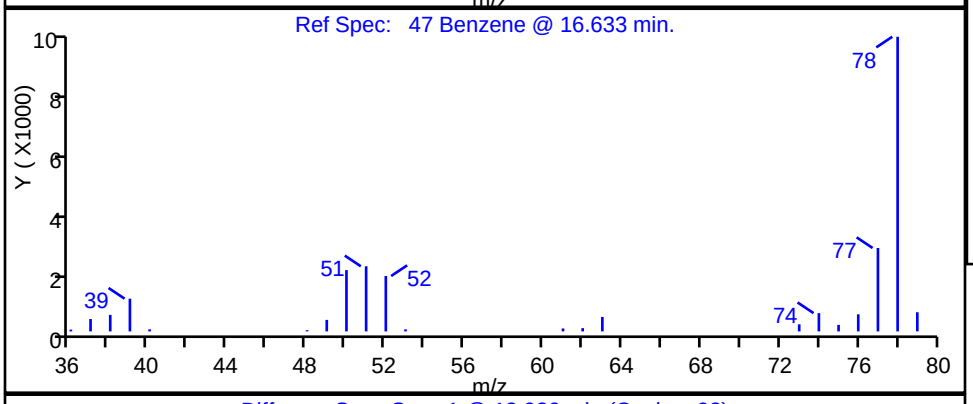
47 Benzene, CAS: 71-43-2

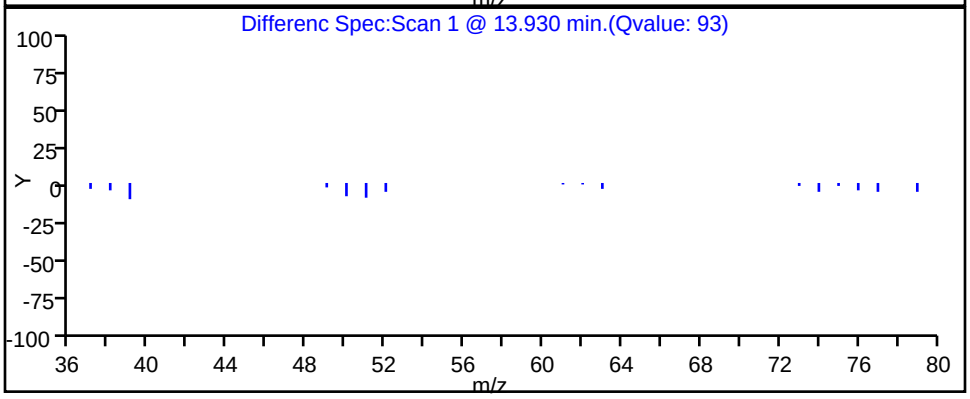












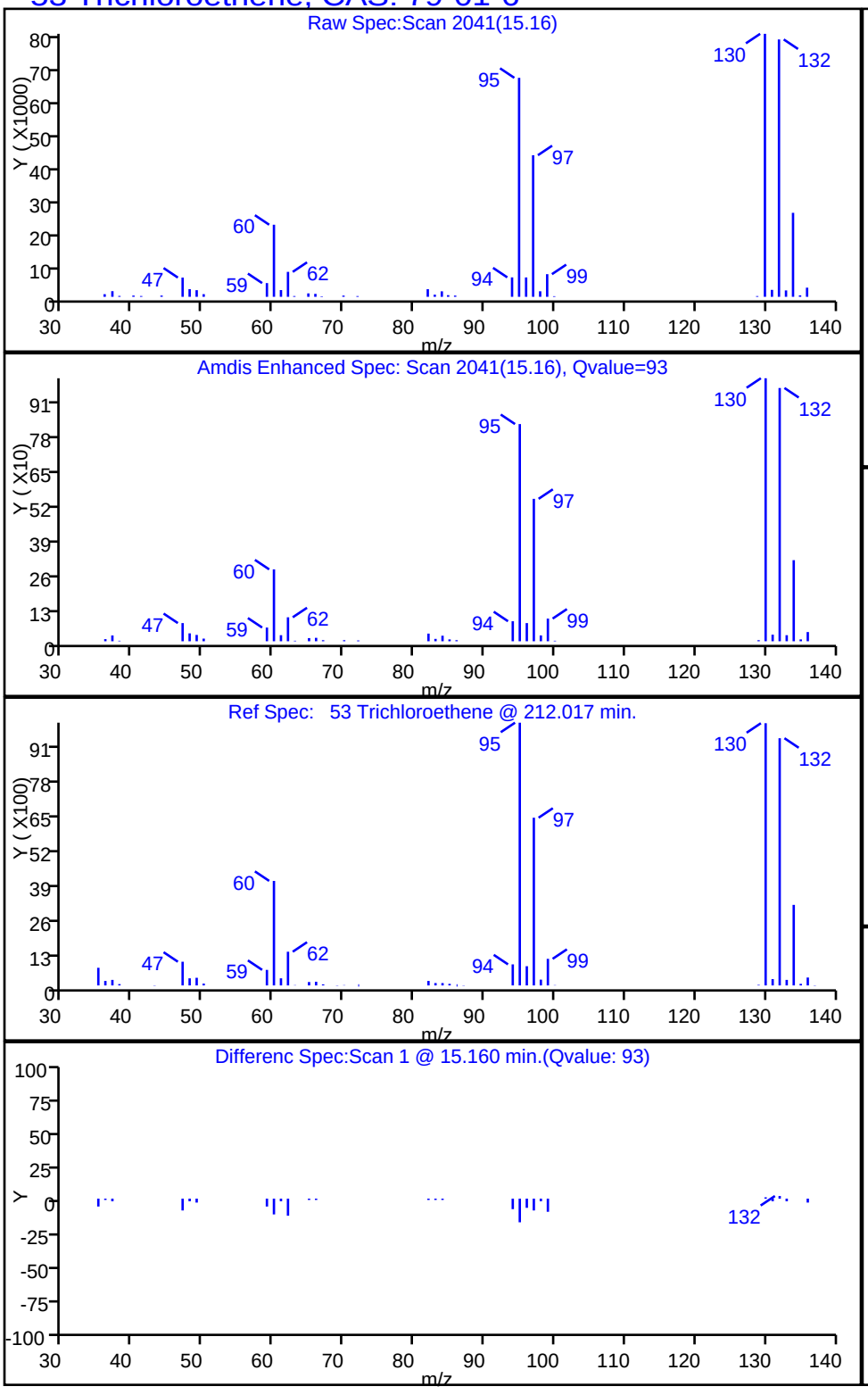
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

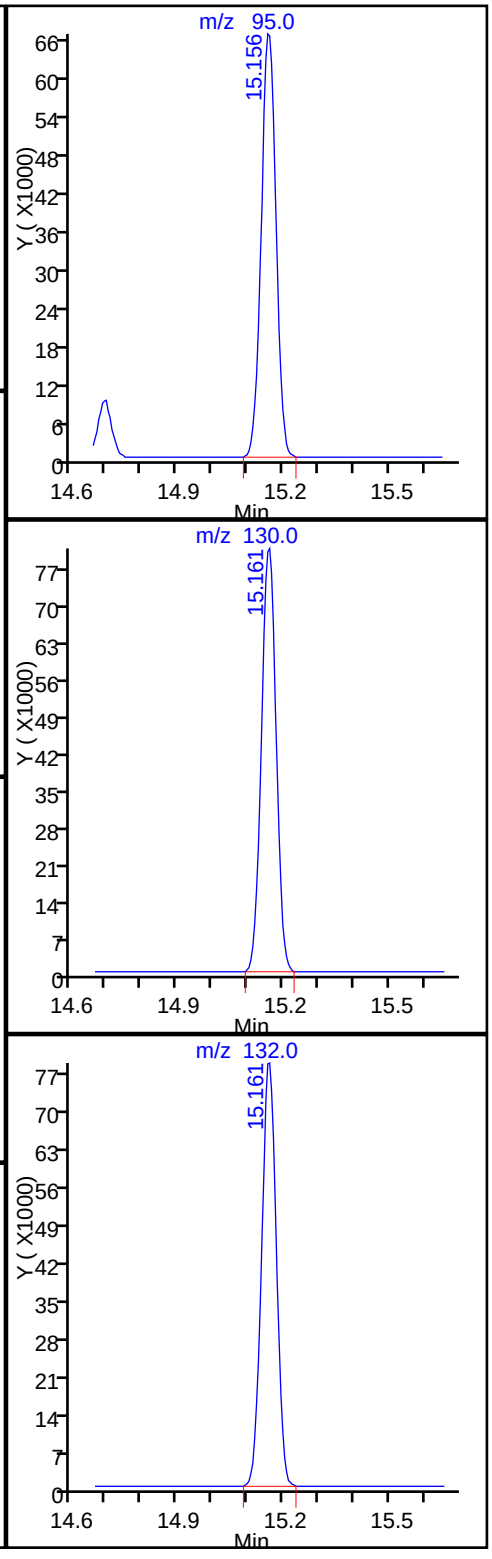
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 Trichloroethene, CAS: 79-01-6





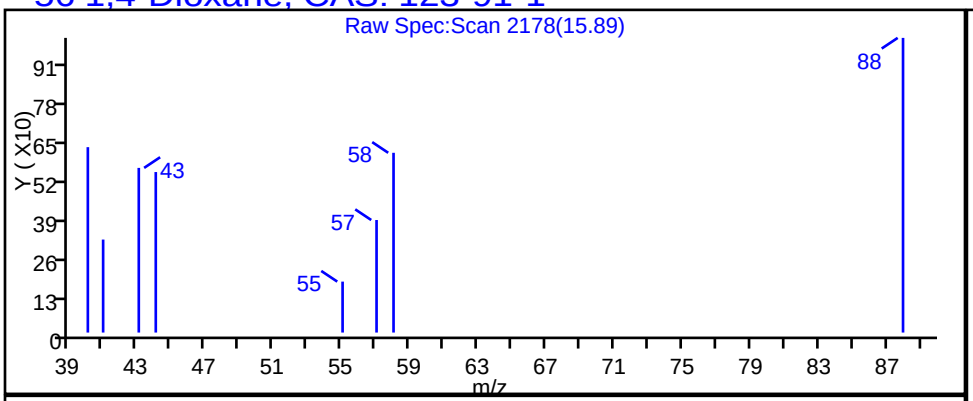
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

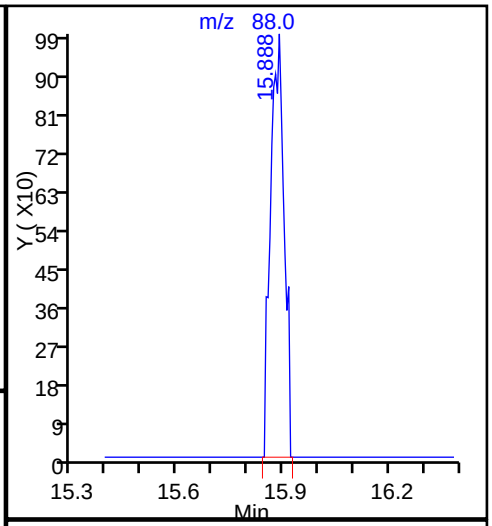
TestAmerica Burlington

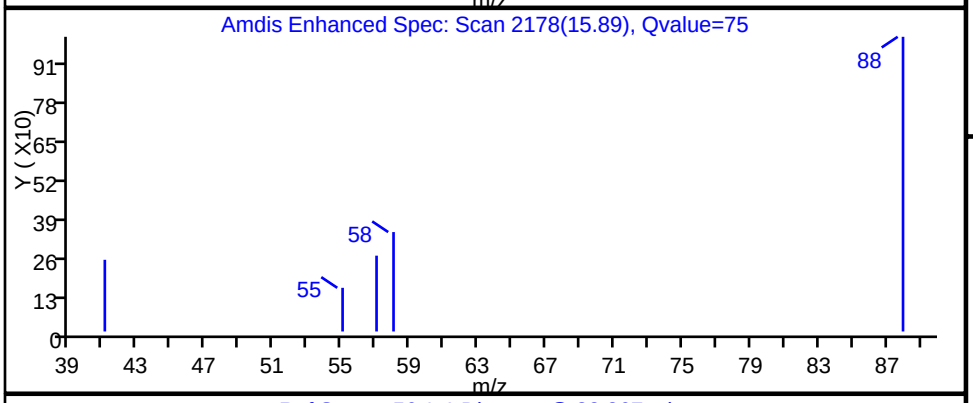
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

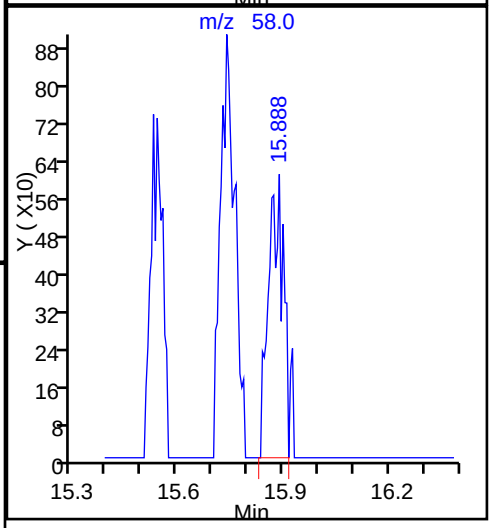
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4
Client ID:	101VMP0201FA		
Operator ID:	bpl	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

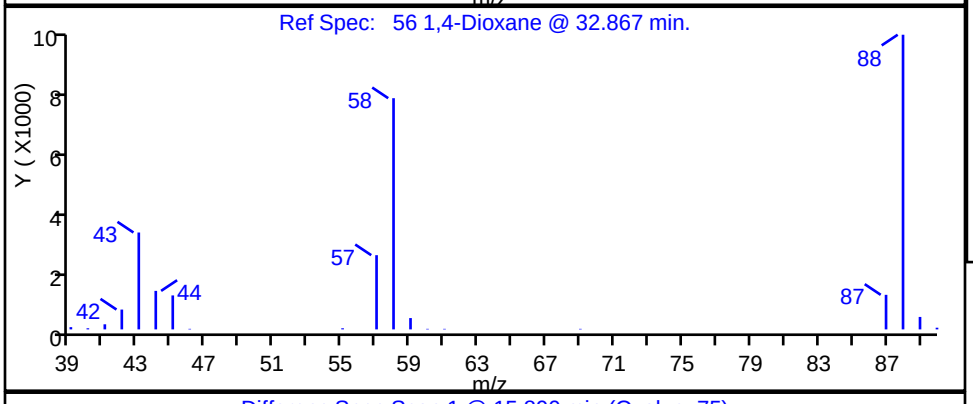
56 1,4-Dioxane, CAS: 123-91-1

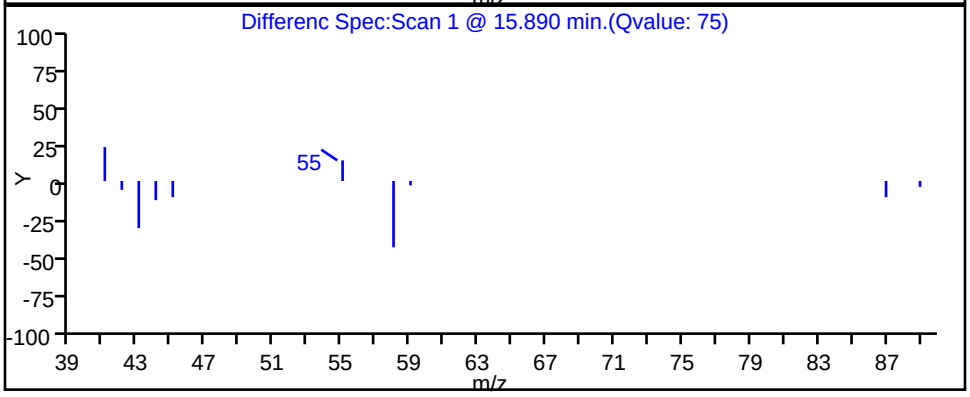










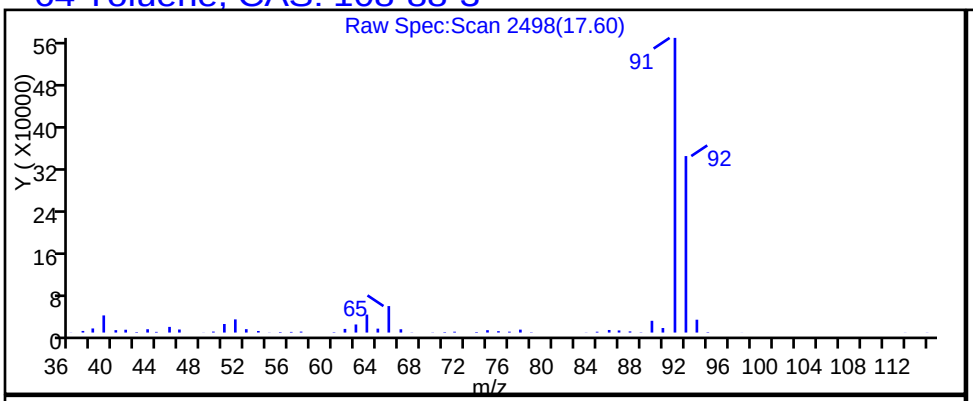


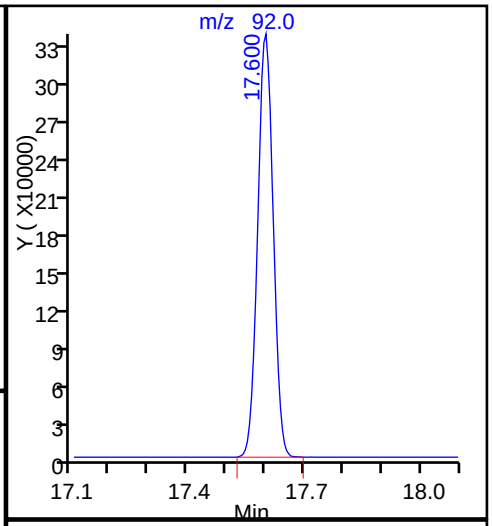
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

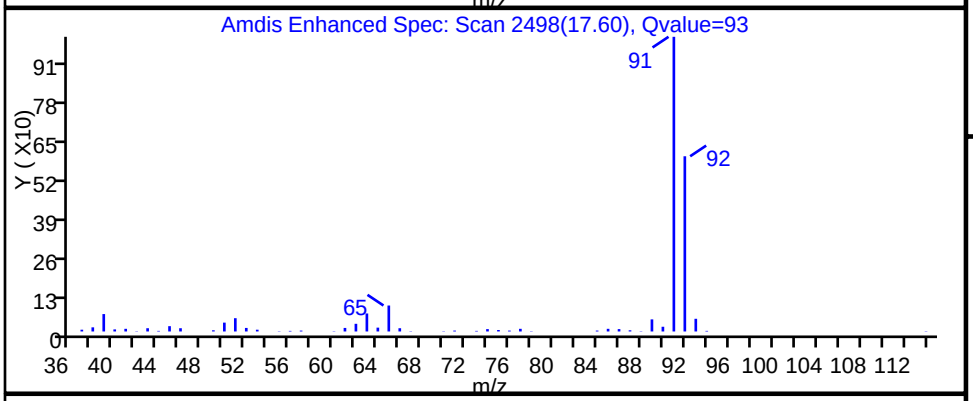
TestAmerica Burlington

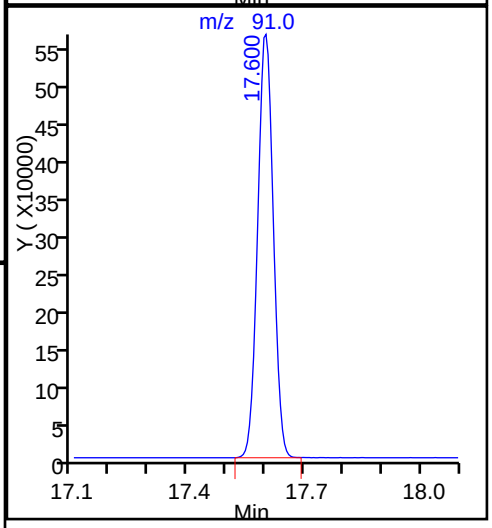
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d				
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

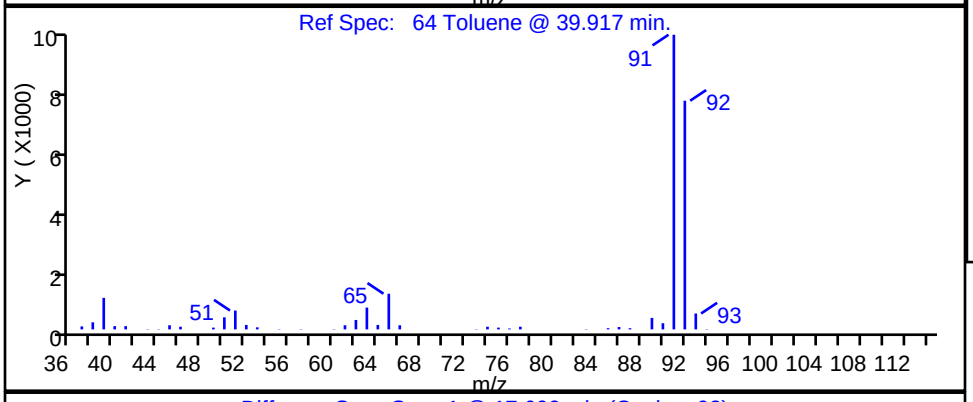
64 Toluene, CAS: 108-88-3

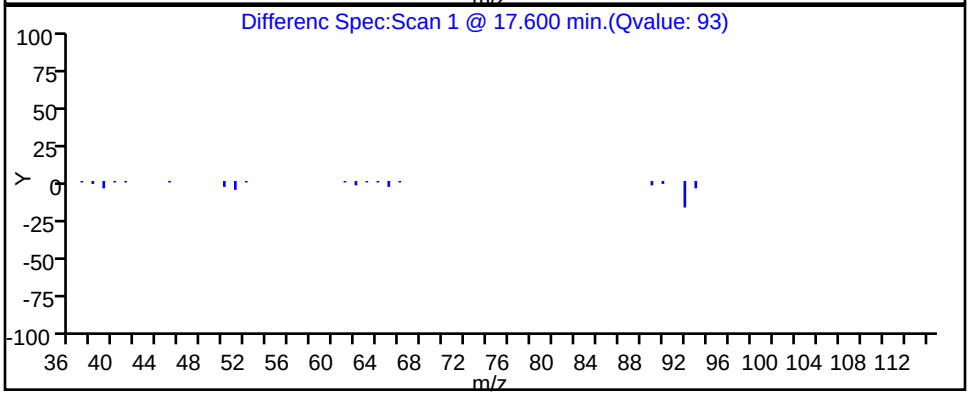












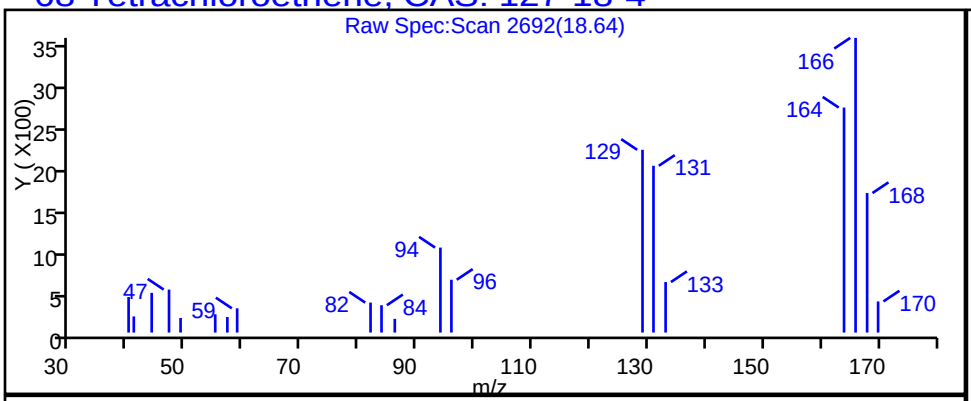
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

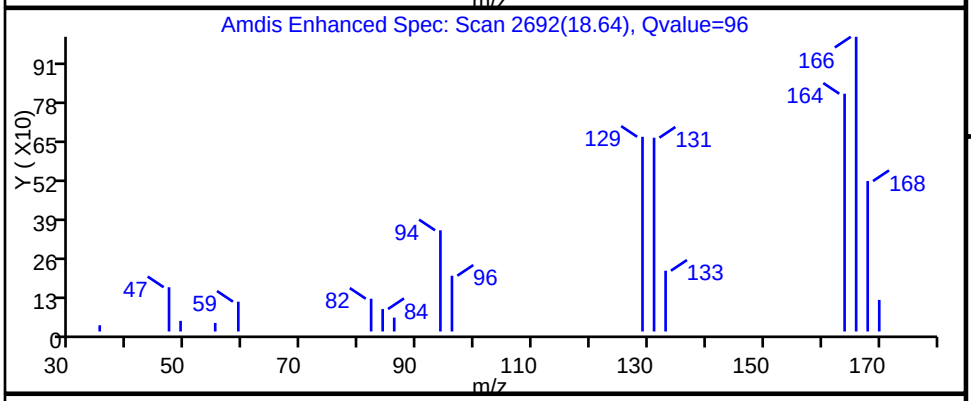
TestAmerica Burlington

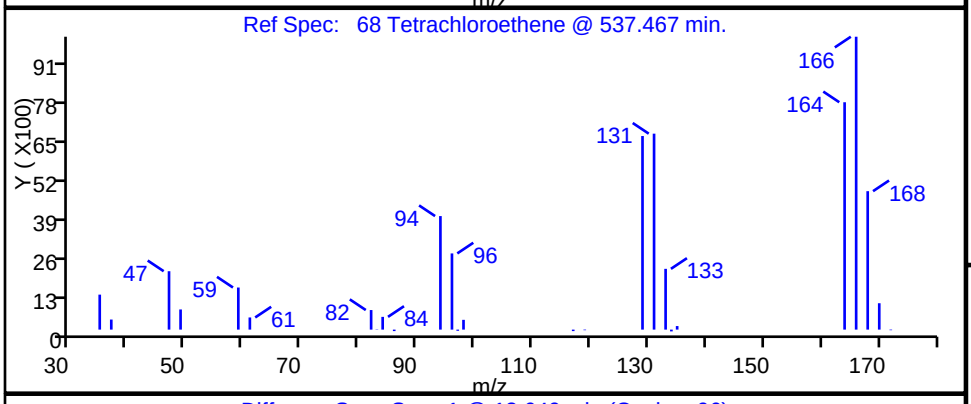
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

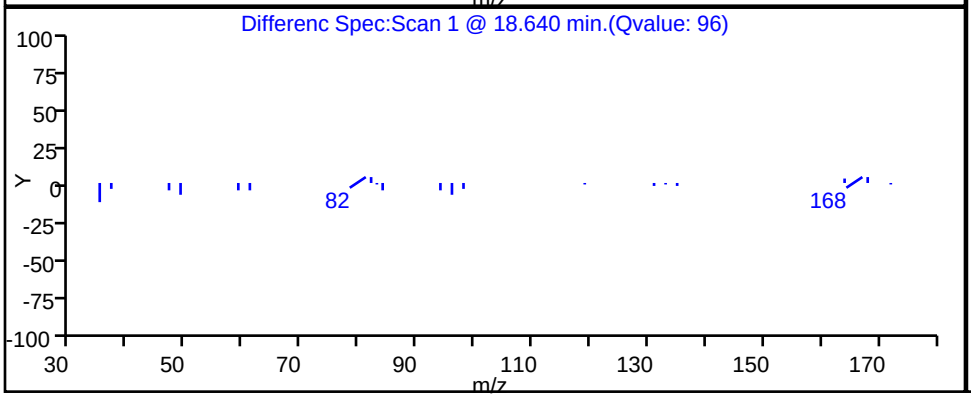
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4
Client ID:	101VMP0201FA		
Operator ID:	bpl	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

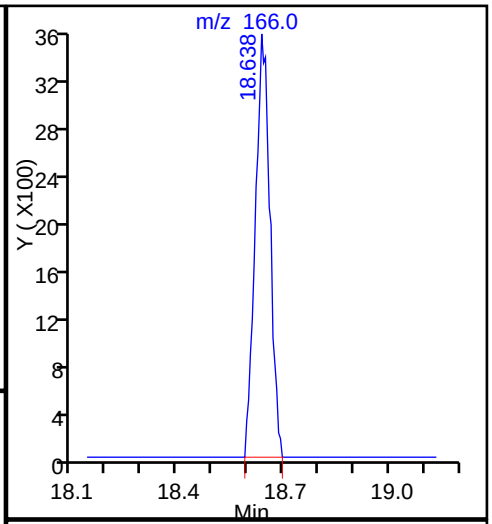
68 Tetrachloroethene, CAS: 127-18-4

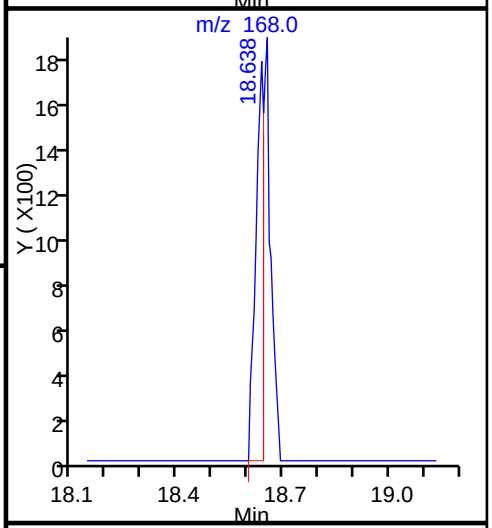


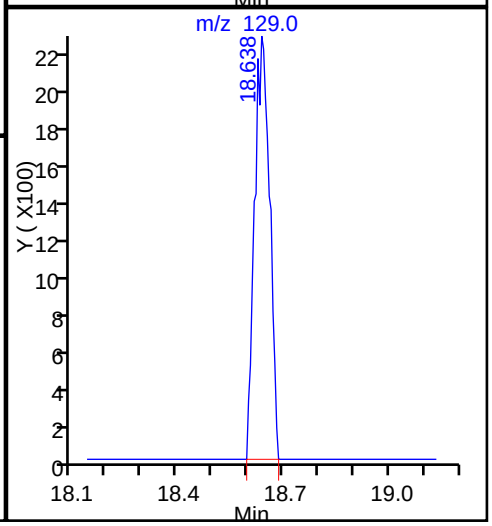












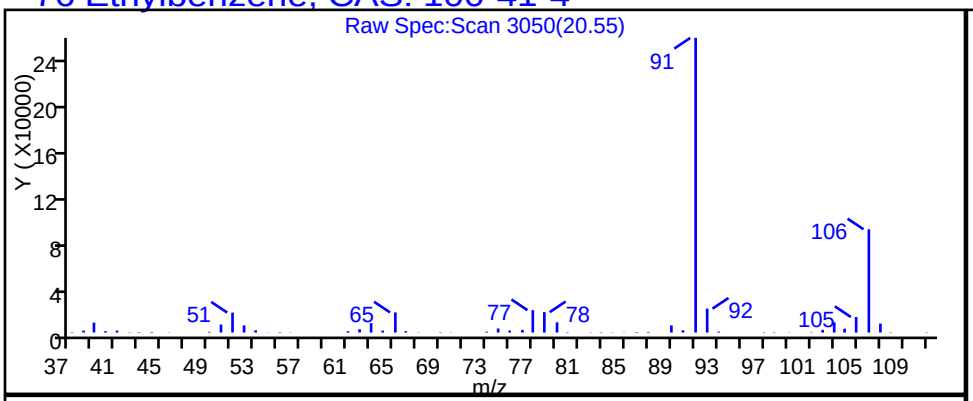
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

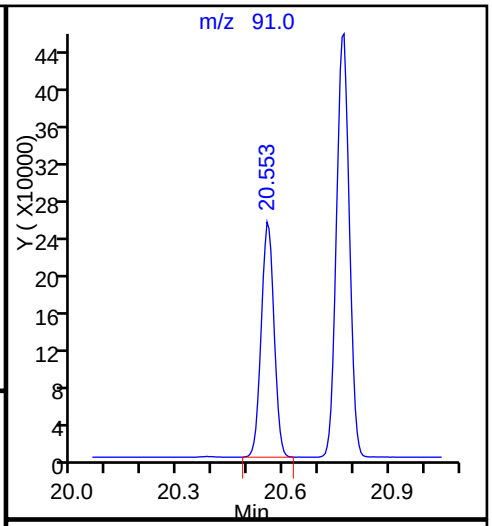
TestAmerica Burlington

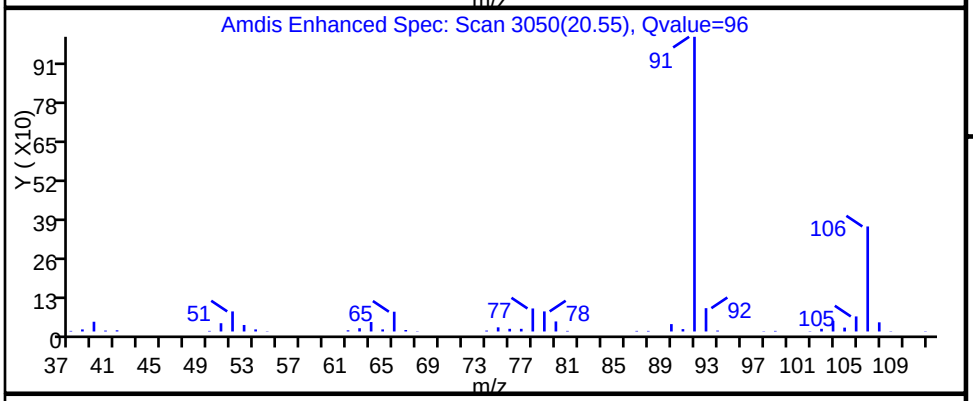
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

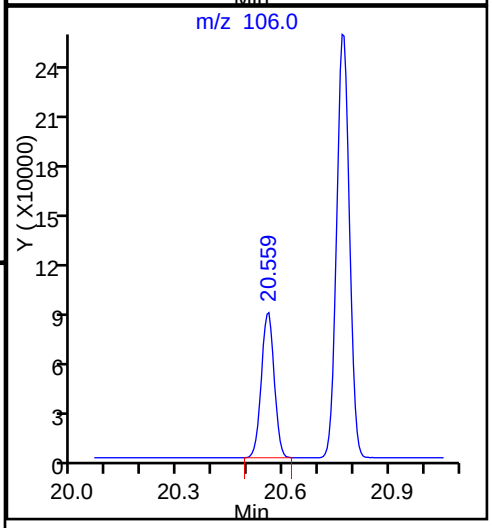
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

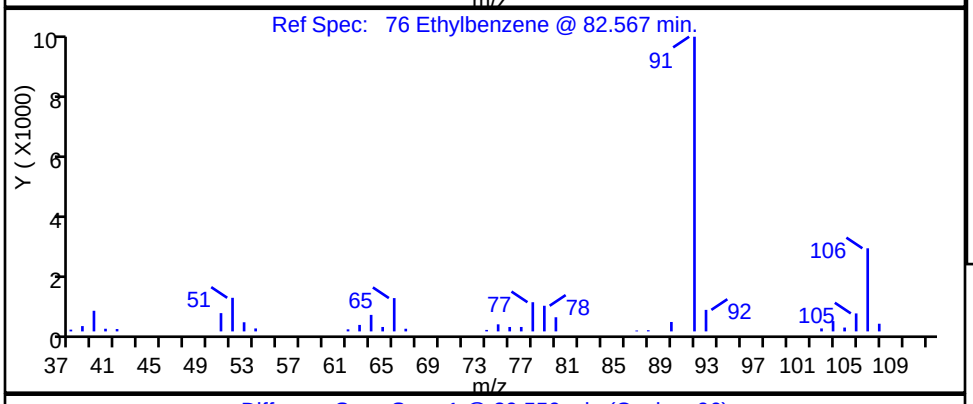
76 Ethylbenzene, CAS: 100-41-4

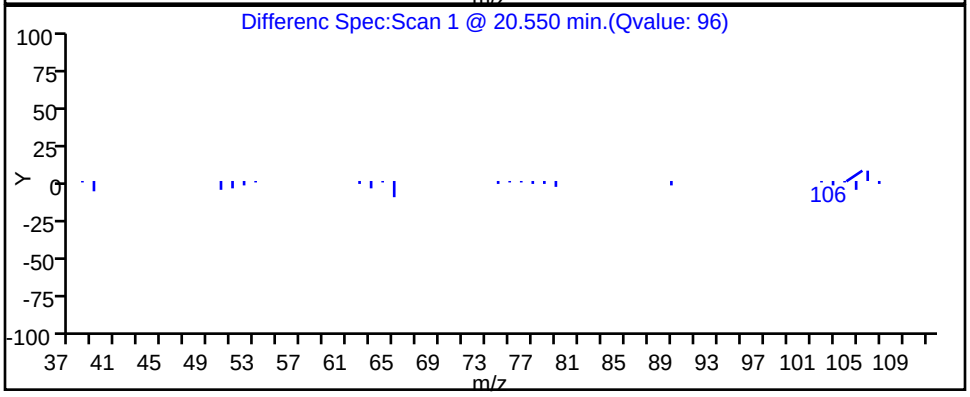












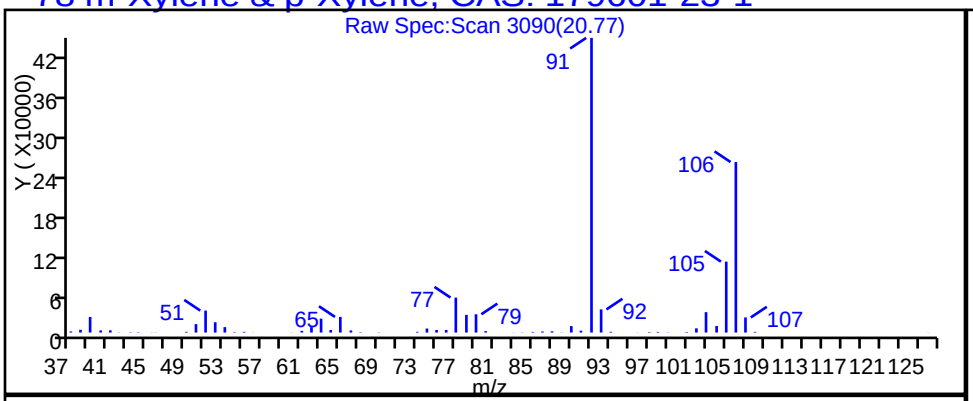
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

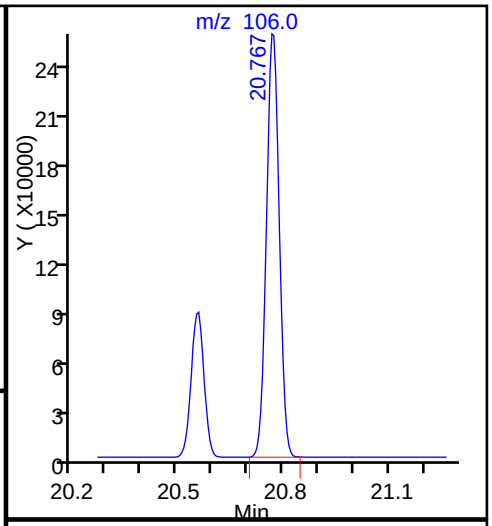
TestAmerica Burlington

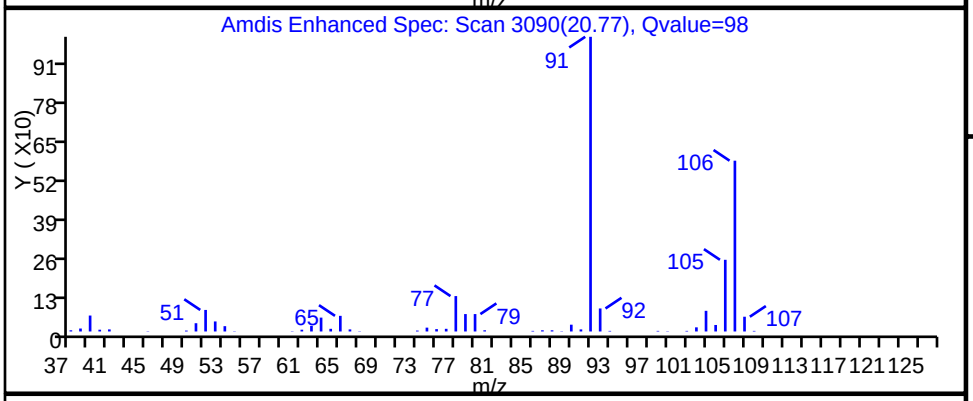
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

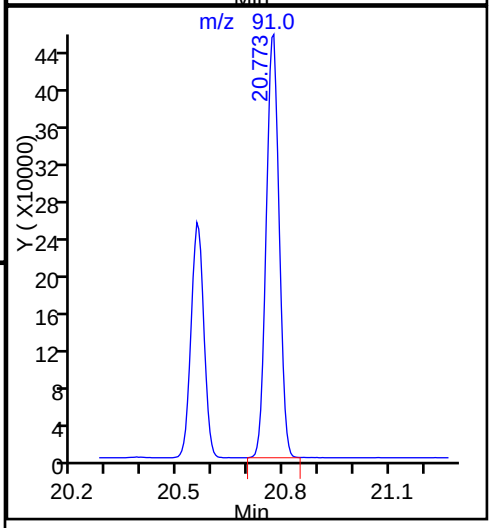
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

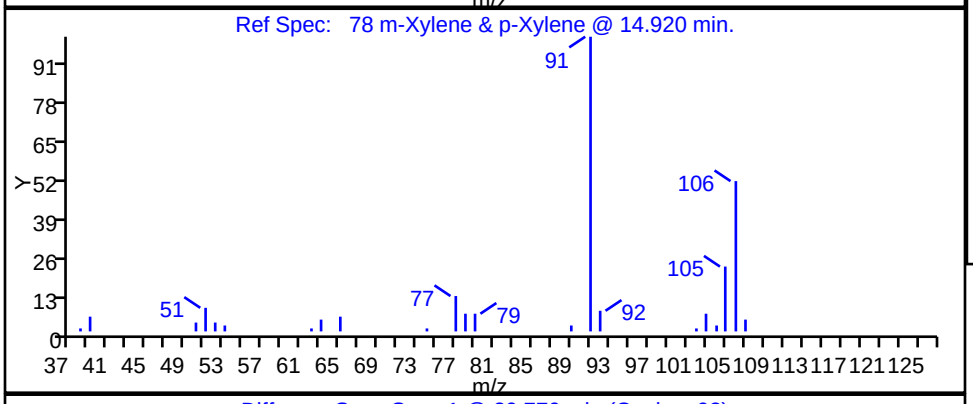
78 m-Xylene & p-Xylene, CAS: 179601-23-1

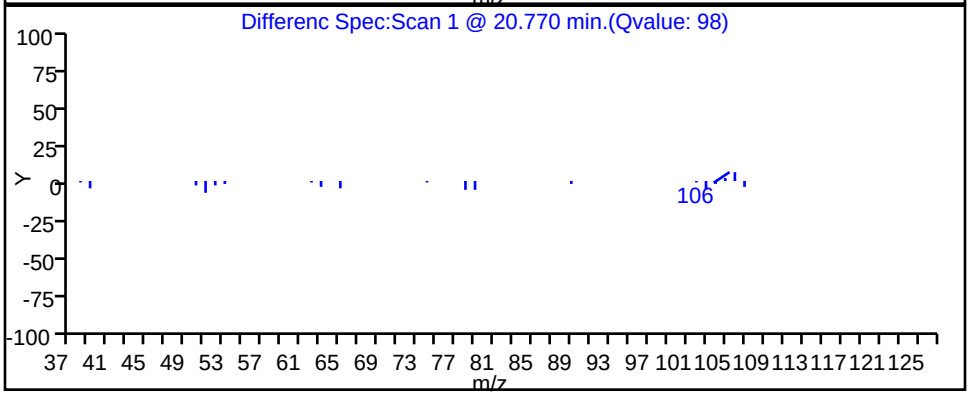












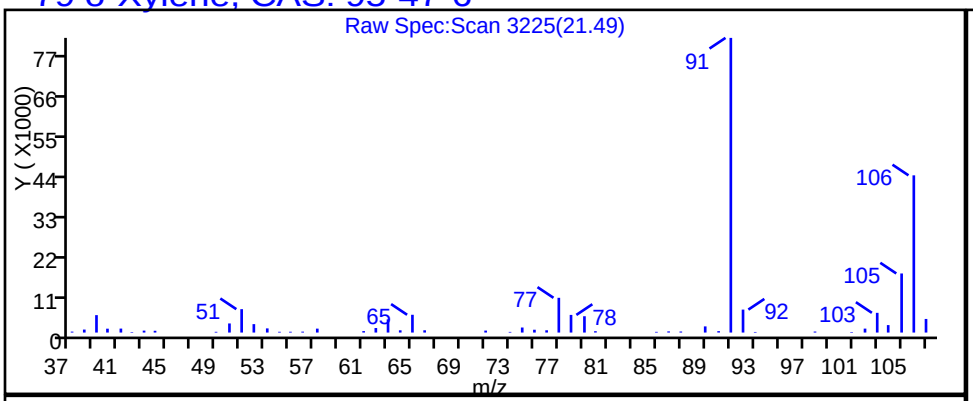
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

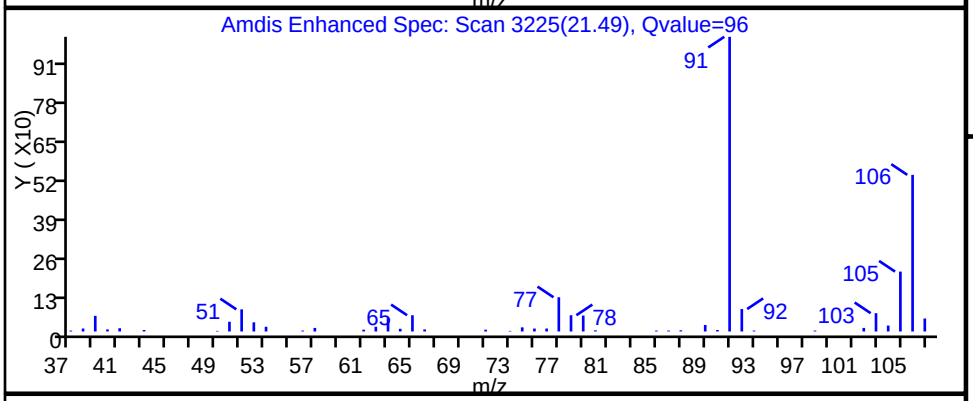
TestAmerica Burlington

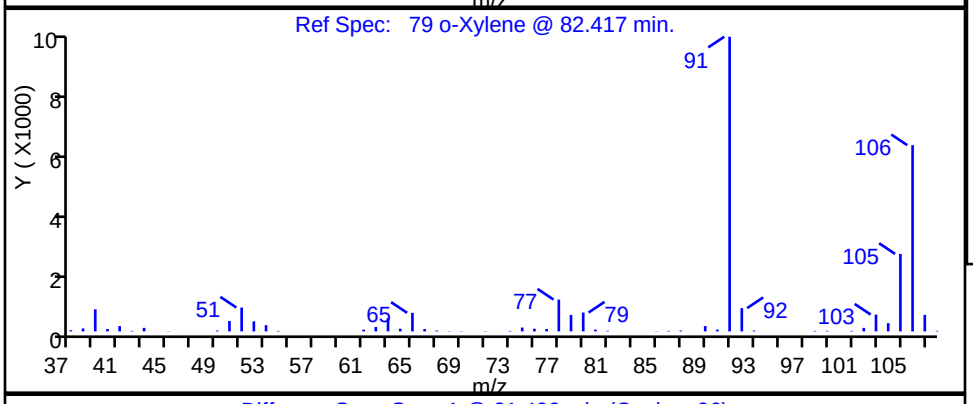
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

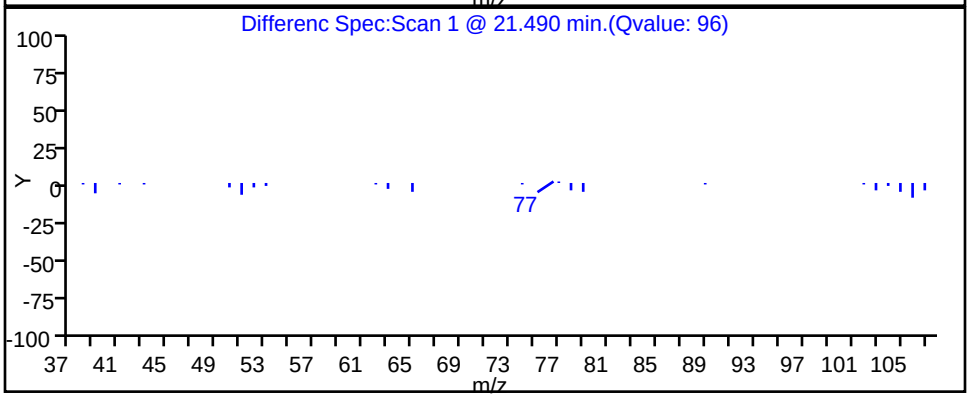
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

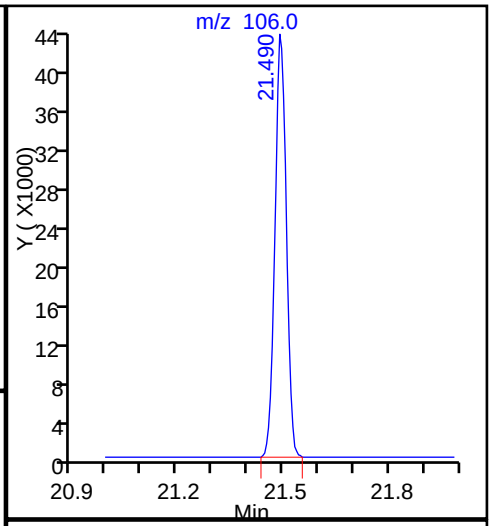
79 o-Xylene, CAS: 95-47-6

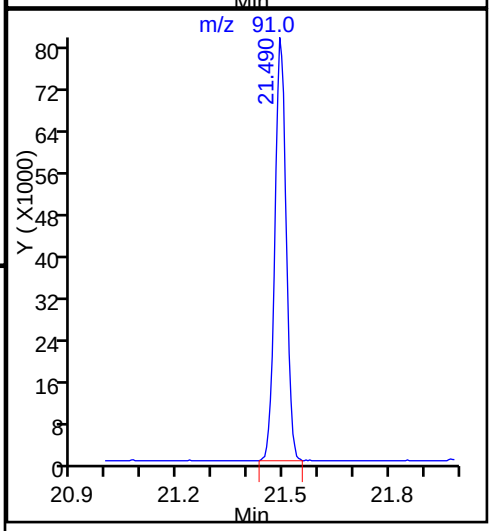












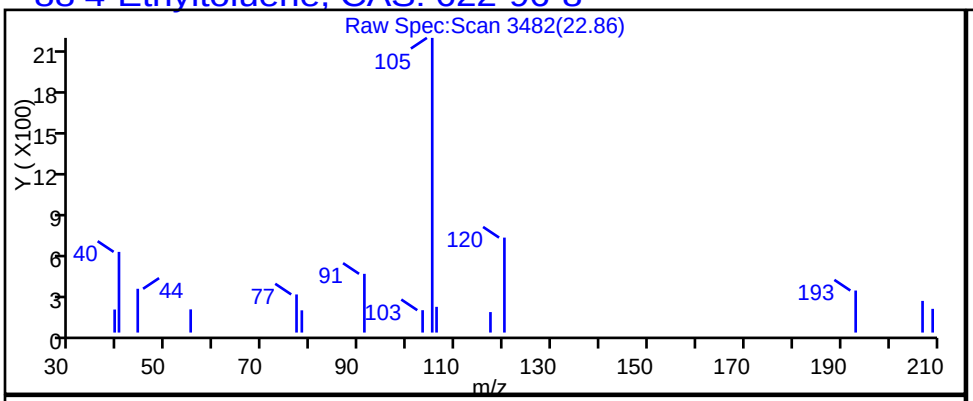
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

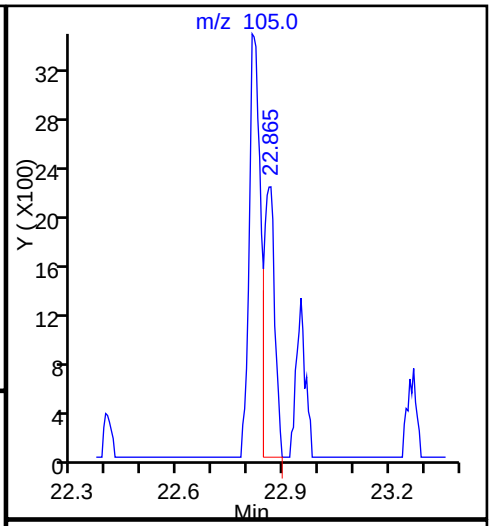
TestAmerica Burlington

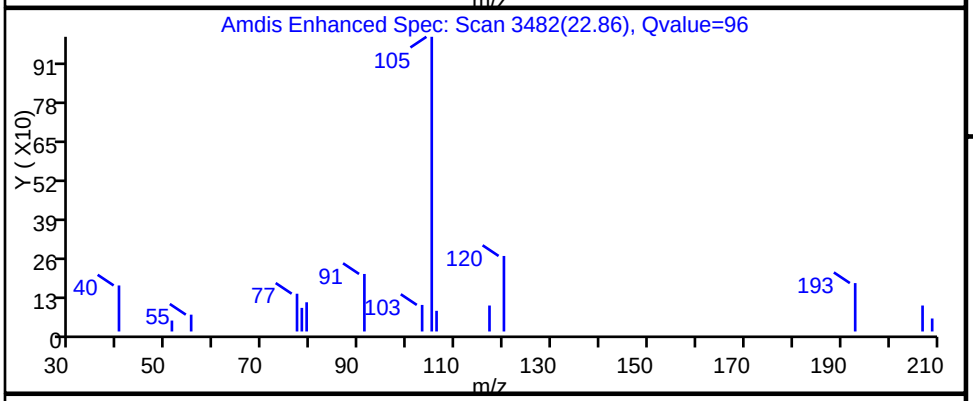
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

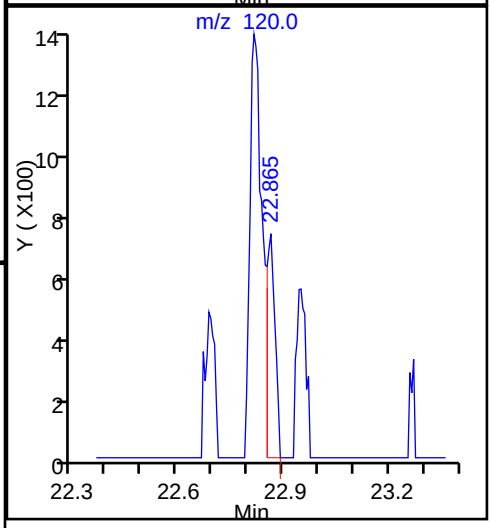
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4
Client ID:	101VMP0201FA		
Operator ID:	bpl	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

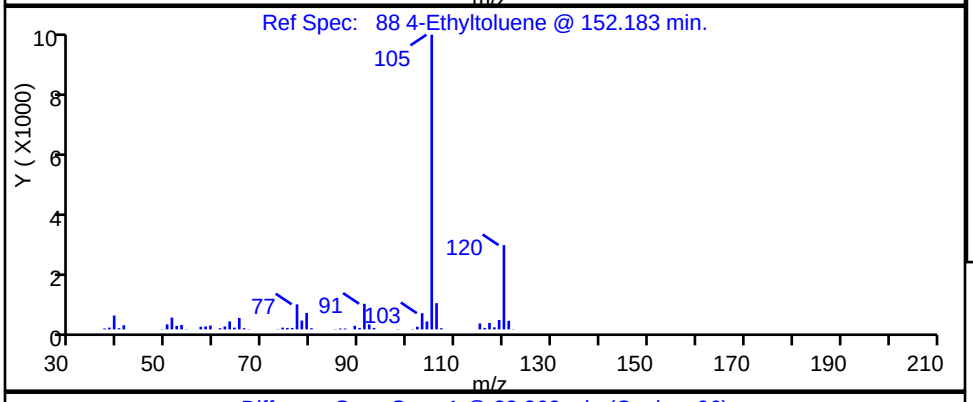
88 4-Ethyltoluene, CAS: 622-96-8

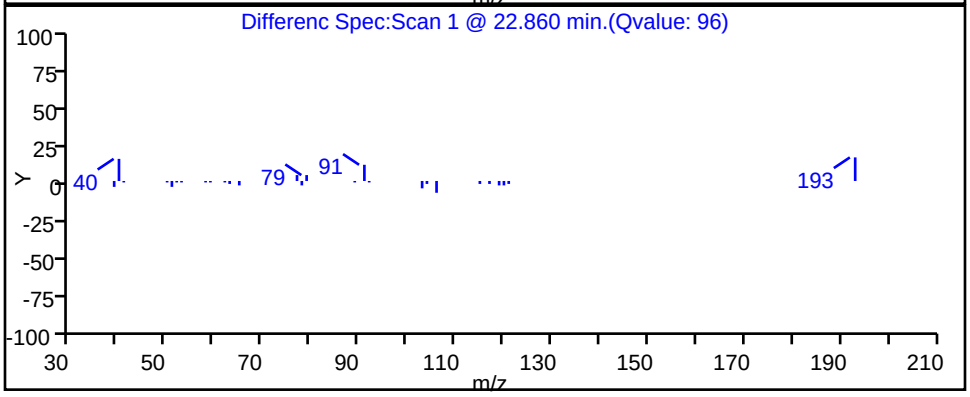










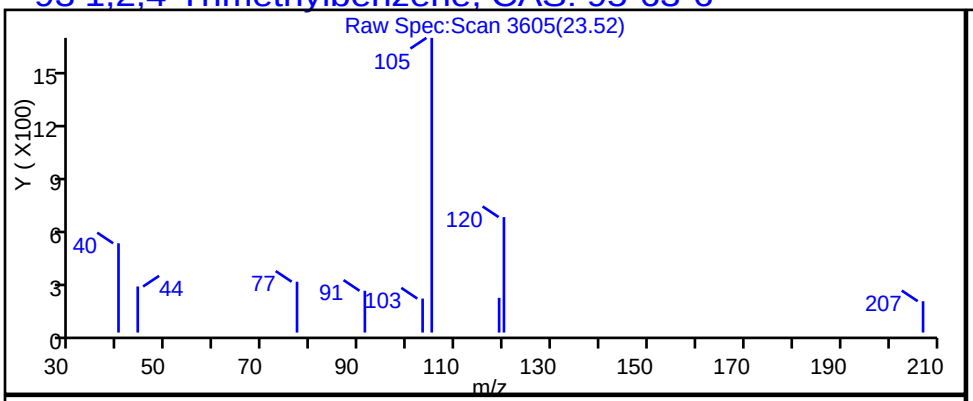


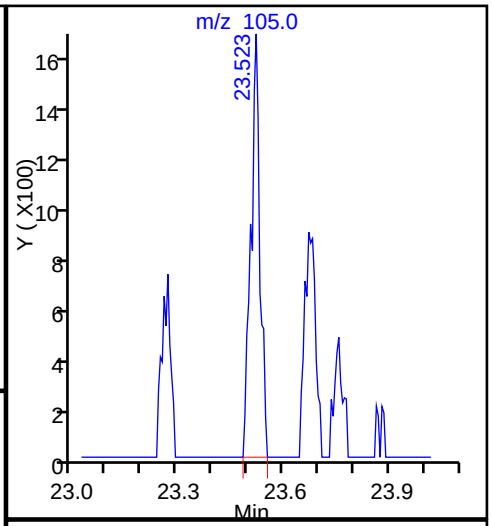
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

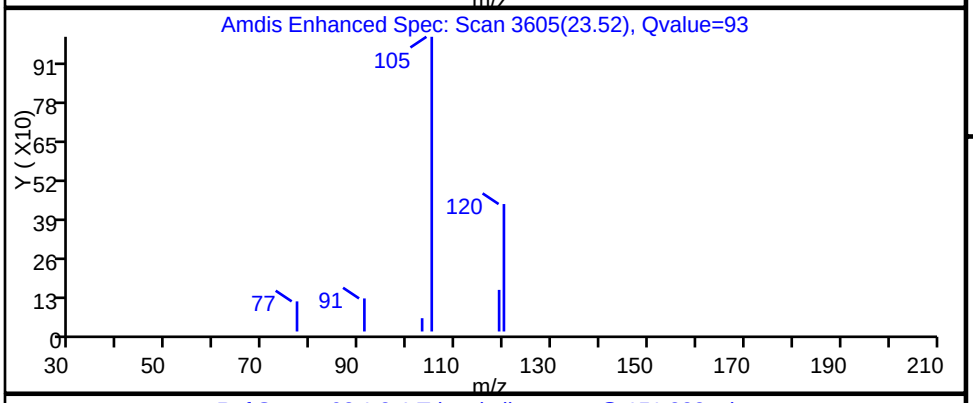
TestAmerica Burlington

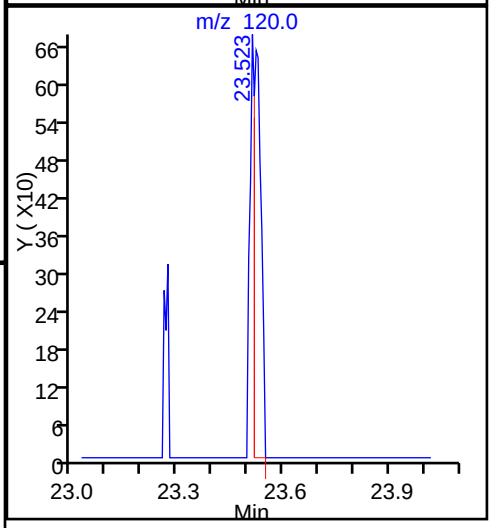
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d				
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

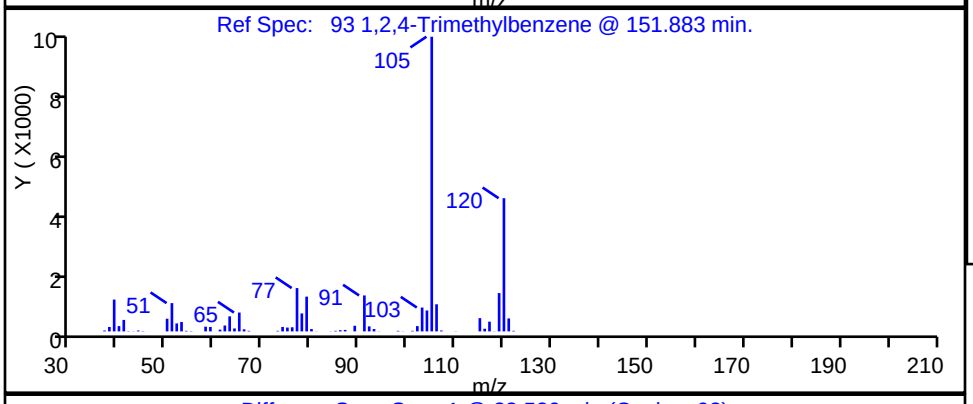
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

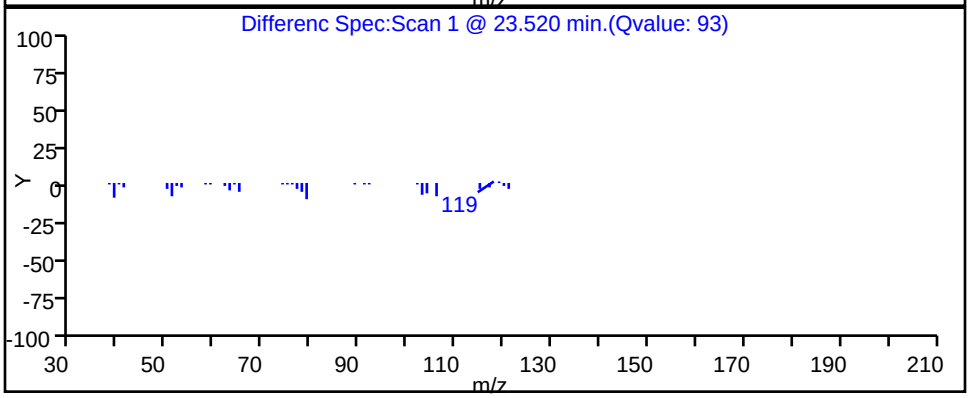












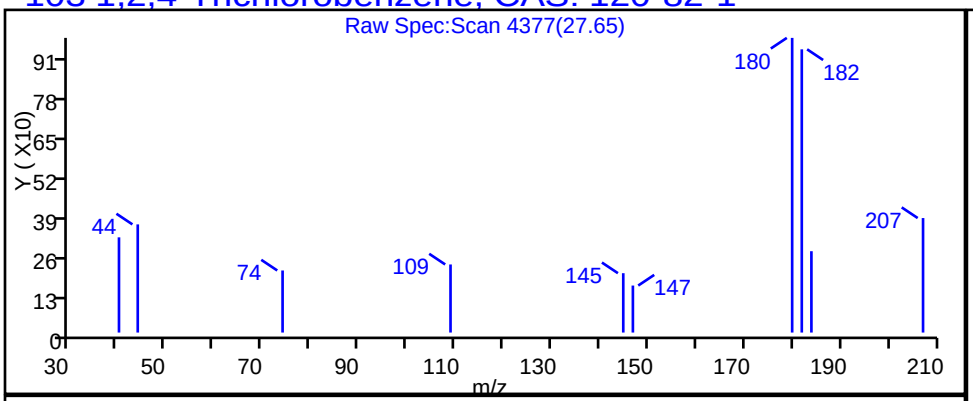
Report Date: 30-Jan-2015 09:12:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

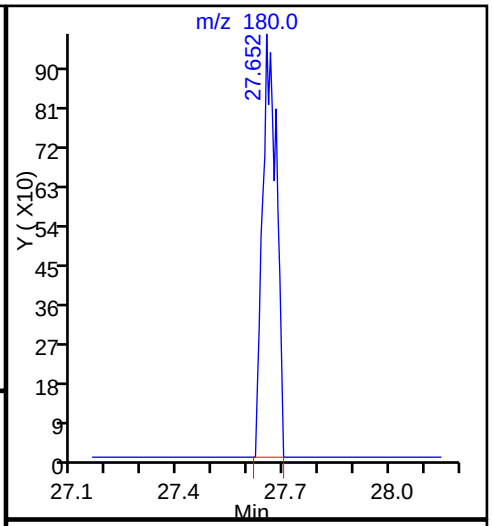
TestAmerica Burlington

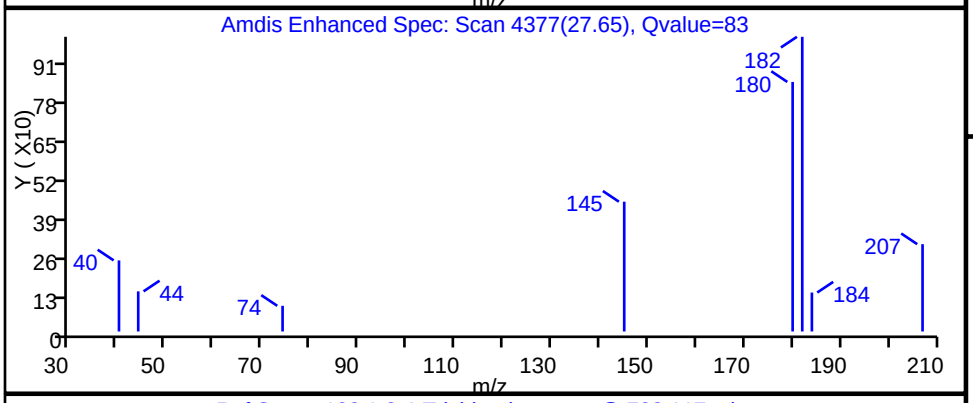
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_008.d

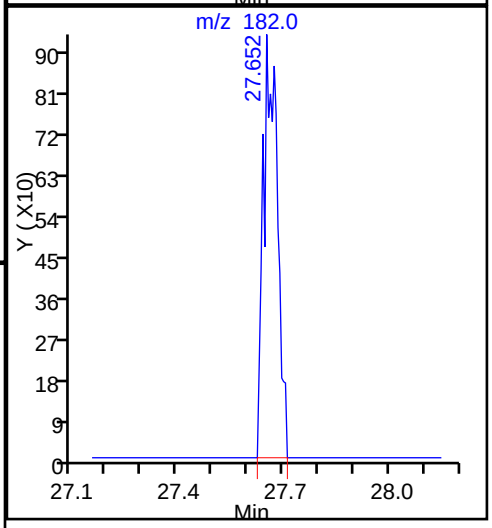
Injection Date:	30-Jan-2015 07:47:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-4	Lab Sample ID:	200-64806-4		
Client ID:	101VMP0201FA				
Operator ID:	bpl	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

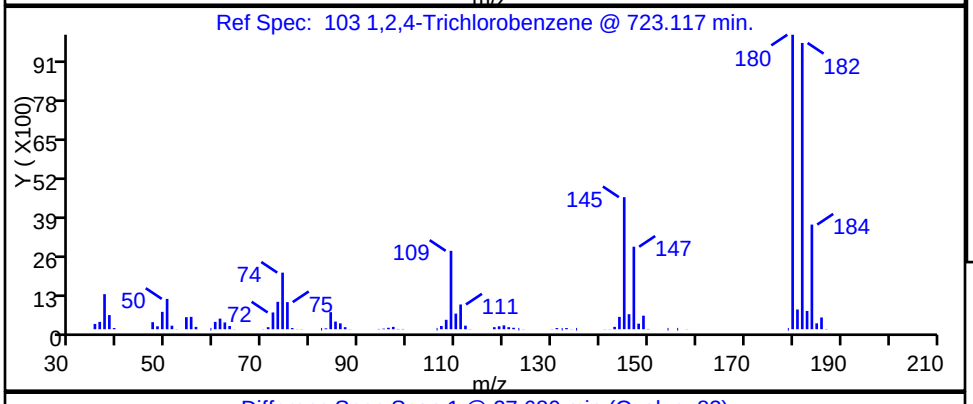
103 1,2,4-Trichlorobenzene, CAS: 120-82-1

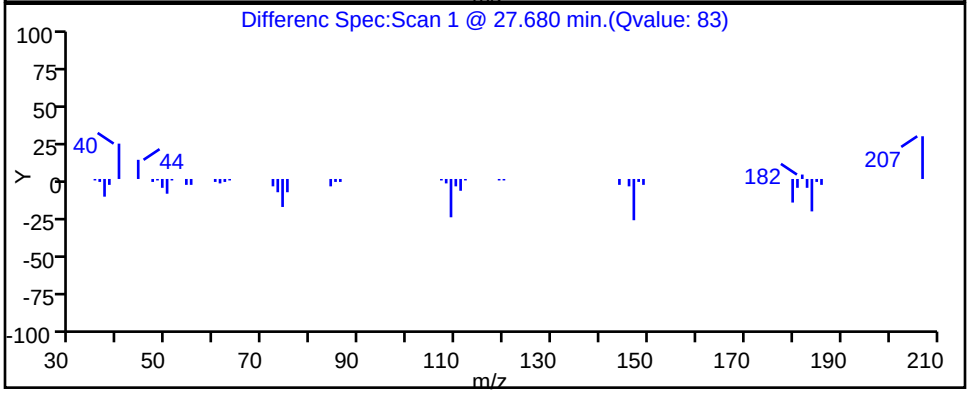












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0301FA Lab Sample ID: 280-64806-5

Matrix: Air Lab File ID: 11878_009.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:25

Sample wt/vol: 46(mL) Date Analyzed: 01/30/2015 08:35

Soil Aliquot Vol: Dilution Factor: 49.7

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	9.9	U	25	2.8
75-45-6	Freon 22	86.47	9.9	U	25	4.0
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.0	U	9.9	2.6
74-87-3	Chloromethane	50.49	9.9	U	25	3.0
106-97-8	n-Butane	58.12	9.9	U	25	8.9
75-01-4	Vinyl chloride	62.50	1.5	U	9.9	1.3
106-99-0	1,3-Butadiene	54.09	4.0	U	9.9	1.8
74-83-9	Bromomethane	94.94	4.0	U	9.9	2.2
75-00-3	Chloroethane	64.52	4.0	U	25	3.0
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.5	U	9.9	0.99
75-69-4	Trichlorofluoromethane	137.37	4.0	U	9.9	2.2
76-13-1	Freon TF	187.38	4.0	U	9.9	2.0
75-35-4	1,1-Dichloroethene	96.94	1.5	U	9.9	0.50
67-64-1	Acetone	58.08	190	J D	250	34
67-63-0	Isopropyl alcohol	60.10	16	J D	250	7.5
75-15-0	Carbon disulfide	76.14	4.5	J D	25	1.5
107-05-1	3-Chloropropene	76.53	9.9	U	25	8.0
75-09-2	Methylene Chloride	84.93	9.9	U	25	6.0
75-65-0	tert-Butyl alcohol	74.12	9.9	U	250	6.0
1634-04-4	Methyl tert-butyl ether	88.15	1.5	U	9.9	1.1
156-60-5	trans-1,2-Dichloroethene	96.94	1.5	U	9.9	1.3
110-54-3	n-Hexane	86.17	1.5	U	9.9	1.4
75-34-3	1,1-Dichloroethane	98.96	1.5	U	9.9	1.4
78-93-3	Methyl Ethyl Ketone	72.11	210	D	25	4.6
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	9.9	1.5
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	9.9	2.6
67-66-3	Chloroform	119.38	4.0	U	9.9	1.9
109-99-9	Tetrahydrofuran	72.11	810	D	250	8.9
71-55-6	1,1,1-Trichloroethane	133.41	4.0	U	9.9	1.5
110-82-7	Cyclohexane	84.16	1.5	U	9.9	0.50
56-23-5	Carbon tetrachloride	153.81	1.5	U	9.9	0.55
540-84-1	2,2,4-Trimethylpentane	114.23	1.5	U	9.9	1.1
71-43-2	Benzene	78.11	1.5	U M	9.9	1.4
107-06-2	1,2-Dichloroethane	98.96	4.0	U	9.9	2.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0301FA Lab Sample ID: 280-64806-5

Matrix: Air Lab File ID: 11878_009.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:25

Sample wt/vol: 46(mL) Date Analyzed: 01/30/2015 08:35

Soil Aliquot Vol: Dilution Factor: 49.7

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	4.0	U	9.9	1.8
79-01-6	Trichloroethene	131.39	3.7	J D M	9.9	1.5
80-62-6	Methyl methacrylate	100.12	9.9	U	25	4.8
78-87-5	1,2-Dichloropropane	112.99	4.0	U	9.9	1.7
123-91-1	1,4-Dioxane	88.11	9.9	U	250	8.0
75-27-4	Bromodichloromethane	163.83	1.5	U	9.9	1.4
10061-01-5	cis-1,3-Dichloropropene	110.97	1.5	U	9.9	1.4
108-10-1	methyl isobutyl ketone	100.16	74	D	25	8.9
108-88-3	Toluene	92.14	290	D	9.9	1.2
10061-02-6	trans-1,3-Dichloropropene	110.97	1.5	U	9.9	1.3
79-00-5	1,1,2-Trichloroethane	133.41	4.0	U	9.9	1.8
127-18-4	Tetrachloroethene	165.83	1.6	J D	9.9	1.5
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.9	U	25	8.4
124-48-1	Dibromochloromethane	208.29	1.5	U	9.9	0.99
106-93-4	1,2-Dibromoethane	187.87	1.5	U	9.9	0.89
108-90-7	Chlorobenzene	112.56	1.5	U	9.9	0.89
100-41-4	Ethylbenzene	106.17	4.4	J D	9.9	0.99
179601-23-1	m,p-Xylene	106.17	16	J D	25	1.2
95-47-6	Xylene, o-	106.17	4.9	J D	9.9	0.89
1330-20-7	Xylene (total)	106.17	21		9.9	2.0
100-42-5	Styrene	104.15	1.9	J D M	9.9	0.80
75-25-2	Bromoform	252.75	1.5	U	9.9	1.2
98-82-8	Cumene	120.19	1.5	U	9.9	0.94
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.0	U	9.9	1.7
103-65-1	n-Propylbenzene	120.19	1.5	U	9.9	1.3
622-96-8	4-Ethyltoluene	120.20	1.5	U	9.9	0.99
108-67-8	1,3,5-Trimethylbenzene	120.20	1.5	U	9.9	0.94
95-49-8	2-Chlorotoluene	126.59	4.0	U	9.9	1.5
98-06-6	tert-Butylbenzene	134.22	1.5	U	9.9	0.99
95-63-6	1,2,4-Trimethylbenzene	120.20	1.5	U	9.9	0.80
135-98-8	sec-Butylbenzene	134.22	1.5	U	9.9	1.0
99-87-6	4-Isopropyltoluene	134.22	1.5	U	9.9	0.99
541-73-1	1,3-Dichlorobenzene	147.00	1.5	U	9.9	0.99
106-46-7	1,4-Dichlorobenzene	147.00	1.5	U	9.9	0.94

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0301FA Lab Sample ID: 280-64806-5

Matrix: Air Lab File ID: 11878_009.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:25

Sample wt/vol: 46(mL) Date Analyzed: 01/30/2015 08:35

Soil Aliquot Vol: Dilution Factor: 49.7

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	1.5	U	9.9	0.89
104-51-8	n-Butylbenzene	134.22	1.5	U	9.9	1.4
95-50-1	1,2-Dichlorobenzene	147.00	1.5	U	9.9	0.89
120-82-1	1,2,4-Trichlorobenzene	181.45	4.0	U	25	1.7
87-68-3	Hexachlorobutadiene	260.76	4.0	U	9.9	1.8
91-20-3	Naphthalene	128.17	4.0	U	25	1.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0301FA Lab Sample ID: 280-64806-5

Matrix: Air Lab File ID: 11878_009.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:25

Sample wt/vol: 46(mL) Date Analyzed: 01/30/2015 08:35

Soil Aliquot Vol: Dilution Factor: 49.7

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	49	U	120	14
75-45-6	Freon 22	86.47	35	U	88	14
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	28	U	69	18
74-87-3	Chloromethane	50.49	21	U	51	6.2
106-97-8	n-Butane	58.12	24	U	59	21
75-01-4	Vinyl chloride	62.50	3.8	U	25	3.3
106-99-0	1,3-Butadiene	54.09	8.8	U	22	4.0
74-83-9	Bromomethane	94.94	15	U	39	8.5
75-00-3	Chloroethane	64.52	10	U	66	8.0
593-60-2	Bromoethene(Vinyl Bromide)	106.96	6.5	U	43	4.3
75-69-4	Trichlorofluoromethane	137.37	22	U	56	13
76-13-1	Freon TF	187.38	30	U	76	16
75-35-4	1,1-Dichloroethene	96.94	5.9	U	39	2.0
67-64-1	Acetone	58.08	450	J D	590	81
67-63-0	Isopropyl alcohol	60.10	40	J D	610	18
75-15-0	Carbon disulfide	76.14	14	J D	77	4.6
107-05-1	3-Chloropropene	76.53	31	U	78	25
75-09-2	Methylene Chloride	84.93	35	U	86	21
75-65-0	tert-Butyl alcohol	74.12	30	U	750	18
1634-04-4	Methyl tert-butyl ether	88.15	5.4	U	36	3.9
156-60-5	trans-1,2-Dichloroethene	96.94	5.9	U	39	5.3
110-54-3	n-Hexane	86.17	5.3	U	35	4.9
75-34-3	1,1-Dichloroethane	98.96	6.0	U	40	5.6
78-93-3	Methyl Ethyl Ketone	72.11	620	D	73	13
156-59-2	cis-1,2-Dichloroethene	96.94	16	U	39	5.9
540-59-0	1,2-Dichloroethene, Total	96.94	16	U	39	10
67-66-3	Chloroform	119.38	19	U	49	9.2
109-99-9	Tetrahydrofuran	72.11	2400	D	730	26
71-55-6	1,1,1-Trichloroethane	133.41	22	U	54	8.1
110-82-7	Cyclohexane	84.16	5.1	U	34	1.7
56-23-5	Carbon tetrachloride	153.81	9.4	U	63	3.4
540-84-1	2,2,4-Trimethylpentane	114.23	7.0	U	46	5.3
71-43-2	Benzene	78.11	4.8	U M	32	4.6
107-06-2	1,2-Dichloroethane	98.96	16	U	40	10

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0301FA Lab Sample ID: 280-64806-5

Matrix: Air Lab File ID: 11878_009.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:25

Sample wt/vol: 46(mL) Date Analyzed: 01/30/2015 08:35

Soil Aliquot Vol: Dilution Factor: 49.7

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	16	U	41	7.5
79-01-6	Trichloroethene	131.39	20	J D M	53	8.0
80-62-6	Methyl methacrylate	100.12	41	U	100	20
78-87-5	1,2-Dichloropropane	112.99	18	U	46	8.0
123-91-1	1,4-Dioxane	88.11	36	U	900	29
75-27-4	Bromodichloromethane	163.83	10	U	67	9.7
10061-01-5	cis-1,3-Dichloropropene	110.97	6.8	U	45	6.5
108-10-1	methyl isobutyl ketone	100.16	300	D	100	37
108-88-3	Toluene	92.14	1100	D	37	4.7
10061-02-6	trans-1,3-Dichloropropene	110.97	6.8	U	45	5.9
79-00-5	1,1,2-Trichloroethane	133.41	22	U	54	10
127-18-4	Tetrachloroethene	165.83	11	J D	67	10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	41	U	100	35
124-48-1	Dibromochloromethane	208.29	13	U	85	8.5
106-93-4	1,2-Dibromoethane	187.87	11	U	76	6.9
108-90-7	Chlorobenzene	112.56	6.9	U	46	4.1
100-41-4	Ethylbenzene	106.17	19	J D	43	4.3
179601-23-1	m,p-Xylene	106.17	68	J D	110	5.4
95-47-6	Xylene, o-	106.17	21	J D	43	3.9
1330-20-7	Xylene (total)	106.17	91		43	8.8
100-42-5	Styrene	104.15	8.1	J D M	42	3.4
75-25-2	Bromoform	252.75	15	U	100	13
98-82-8	Cumene	120.19	7.3	U	49	4.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	27	U	68	12
103-65-1	n-Propylbenzene	120.19	7.3	U	49	6.6
622-96-8	4-Ethyltoluene	120.20	7.3	U	49	4.9
108-67-8	1,3,5-Trimethylbenzene	120.20	7.3	U	49	4.6
95-49-8	2-Chlorotoluene	126.59	21	U	51	8.0
98-06-6	tert-Butylbenzene	134.22	8.2	U	55	5.5
95-63-6	1,2,4-Trimethylbenzene	120.20	7.3	U	49	3.9
135-98-8	sec-Butylbenzene	134.22	8.2	U	55	5.7
99-87-6	4-Isopropyltoluene	134.22	8.2	U	55	5.5
541-73-1	1,3-Dichlorobenzene	147.00	9.0	U	60	6.0
106-46-7	1,4-Dichlorobenzene	147.00	9.0	U	60	5.7

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0301FA Lab Sample ID: 280-64806-5

Matrix: Air Lab File ID: 11878_009.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:25

Sample wt/vol: 46(mL) Date Analyzed: 01/30/2015 08:35

Soil Aliquot Vol: Dilution Factor: 49.7

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	7.7	U	51	4.6
104-51-8	n-Butylbenzene	134.22	8.2	U	55	7.6
95-50-1	1,2-Dichlorobenzene	147.00	9.0	U	60	5.4
120-82-1	1,2,4-Trichlorobenzene	181.45	30	U	180	13
87-68-3	Hexachlorobutadiene	260.76	42	U	110	19
91-20-3	Naphthalene	128.17	21	U	130	7.8

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d
Lims ID: 280-64806-A-5 Lab Sample ID: 200-64806-5
Client ID: 101VMP0301FA
Sample Type: Client
Inject. Date: 30-Jan-2015 08:35:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 49.7000
Sample Info: 200-0011878-009
Misc. Info.: 280-64806-a-5
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 09:16:35 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 30-Jan-2015 09:16:24

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	2 Dichlorodifluoromethane	85		4.478				ND	
	3 Chlorodifluoromethane	51		4.547				ND	
	4 1,2-Dichloro-1,1,2,2-tetra	85		4.836				ND	
	5 Chloromethane	50		5.023				ND	
	6 Butane	43		5.291				ND	
	7 Vinyl chloride	62		5.344				ND	
	8 Butadiene	54		5.446				ND	
	9 Bromomethane	94		6.307				ND	
	11 Chloroethane	64		6.596				ND	
	13 Vinyl bromide	106		7.072				ND	
	14 Trichlorofluoromethane	101		7.185				ND	
	20 1,1,2-Trichloro-1,2,2-trif	101		8.431				ND	
	21 1,1-Dichloroethene	96		8.501				ND	
	22 Acetone	43	8.704	8.752	-0.048	91	93837	3.79	
	23 Carbon disulfide	76	8.955	8.987	-0.032	97	5336	0.0910	
	24 Isopropyl alcohol	45	9.052	9.078	-0.026	94	5938	0.3260	
	25 3-Chloro-1-propene	41		9.383				ND	
	27 Methylene Chloride	49		9.715				ND	
	28 2-Methyl-2-propanol	59		9.950				ND	
	29 Methyl tert-butyl ether	73		10.164				ND	
S	30 1,2-Dichloroethene, Total	61		10.200				ND	
	31 trans-1,2-Dichloroethene	61		10.207				ND	
	33 Hexane	57		10.624				ND	
	34 1,1-Dichloroethane	63		11.170				ND	
	37 cis-1,2-Dichloroethene	96		12.342				ND	
	38 2-Butanone (MEK)	72	12.331	12.363	-0.032	97	52568	4.26	
*	40 Chlorobromomethane	128	12.796	12.823	-0.027	80	210143	10.0	
	41 Tetrahydrofuran	42	12.812	12.839	-0.027	89	288835	16.2	
	42 Chloroform	83		12.936				ND	
	43 Cyclohexane	84		13.230				ND	
	44 1,1,1-Trichloroethane	97		13.240				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Carbon tetrachloride	117		13.497				ND	
46 Isooctane	57		13.888				ND	
47 Benzene	78	13.931	13.947	-0.016	1	1723	0.0246	M
48 1,2-Dichloroethane	62		14.107				ND	
49 n-Heptane	43		14.241				ND	
* 50 1,4-Difluorobenzene	114	14.679	14.701	-0.022	91	934588	10.0	
53 Trichloroethene	95	15.156	15.172	-0.016	88	2389	0.0754	M
54 1,2-Dichloropropane	63		15.685				ND	
55 Methyl methacrylate	69		15.771				ND	
56 1,4-Dioxane	88		15.872				ND	
58 Dichlorobromomethane	83		16.177				ND	
60 cis-1,3-Dichloropropene	75		17.039				ND	
61 4-Methyl-2-pentanone (MIBK	43	17.274	17.274	0.000	94	55181	1.48	
64 Toluene	92	17.590	17.606	-0.016	93	314395	5.74	
66 trans-1,3-Dichloropropene	75		18.141				ND	
67 1,1,2-Trichloroethane	83		18.505				ND	
68 Tetrachloroethene	166	18.638	18.649	-0.011	85	1793	0.0314	
69 2-Hexanone	43		18.900				ND	
71 Chlorodibromomethane	129		19.264				ND	
72 Ethylene Dibromide	107		19.548				ND	
S 73 Xylenes, Total	106				0		0.4125	
* 74 Chlorobenzene-d5	117	20.382	20.393	-0.011	81	849087	10.0	
75 Chlorobenzene	112		20.446				ND	
76 Ethylbenzene	91	20.548	20.559	-0.011	96	9986	0.0878	
78 m-Xylene & p-Xylene	106	20.767	20.778	-0.011	97	16188	0.3147	
79 o-Xylene	106	21.490	21.495	-0.005	95	4880	0.0978	
80 Styrene	104	21.527	21.532	-0.005	89	2920	0.0383	M
81 Bromoform	173		21.918				ND	
82 Isopropylbenzene	105		22.062				ND	
$ 83 4-Bromofluorobenzene	95	22.394	22.399	-0.005	98	531017	NC	
84 1,1,2,2-Tetrachloroethane	83		22.624				ND	
85 N-Propylbenzene	91		22.699				ND	
88 4-Ethyltoluene	105		22.865				ND	
89 2-Chlorotoluene	91		22.902				ND	
90 1,3,5-Trimethylbenzene	105		22.956				ND	
92 tert-Butylbenzene	119		23.432				ND	
93 1,2,4-Trimethylbenzene	105		23.523				ND	
94 sec-Butylbenzene	105		23.758				ND	
95 4-Isopropyltoluene	119		23.961				ND	
96 1,3-Dichlorobenzene	146		24.036				ND	
97 1,4-Dichlorobenzene	146		24.181				ND	
98 Benzyl chloride	91		24.384				ND	
100 n-Butylbenzene	91		24.598				ND	
101 1,2-Dichlorobenzene	146		24.785				ND	
103 1,2,4-Trichlorobenzene	180		27.663				ND	
104 Hexachlorobutadiene	225		27.861				ND	
105 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

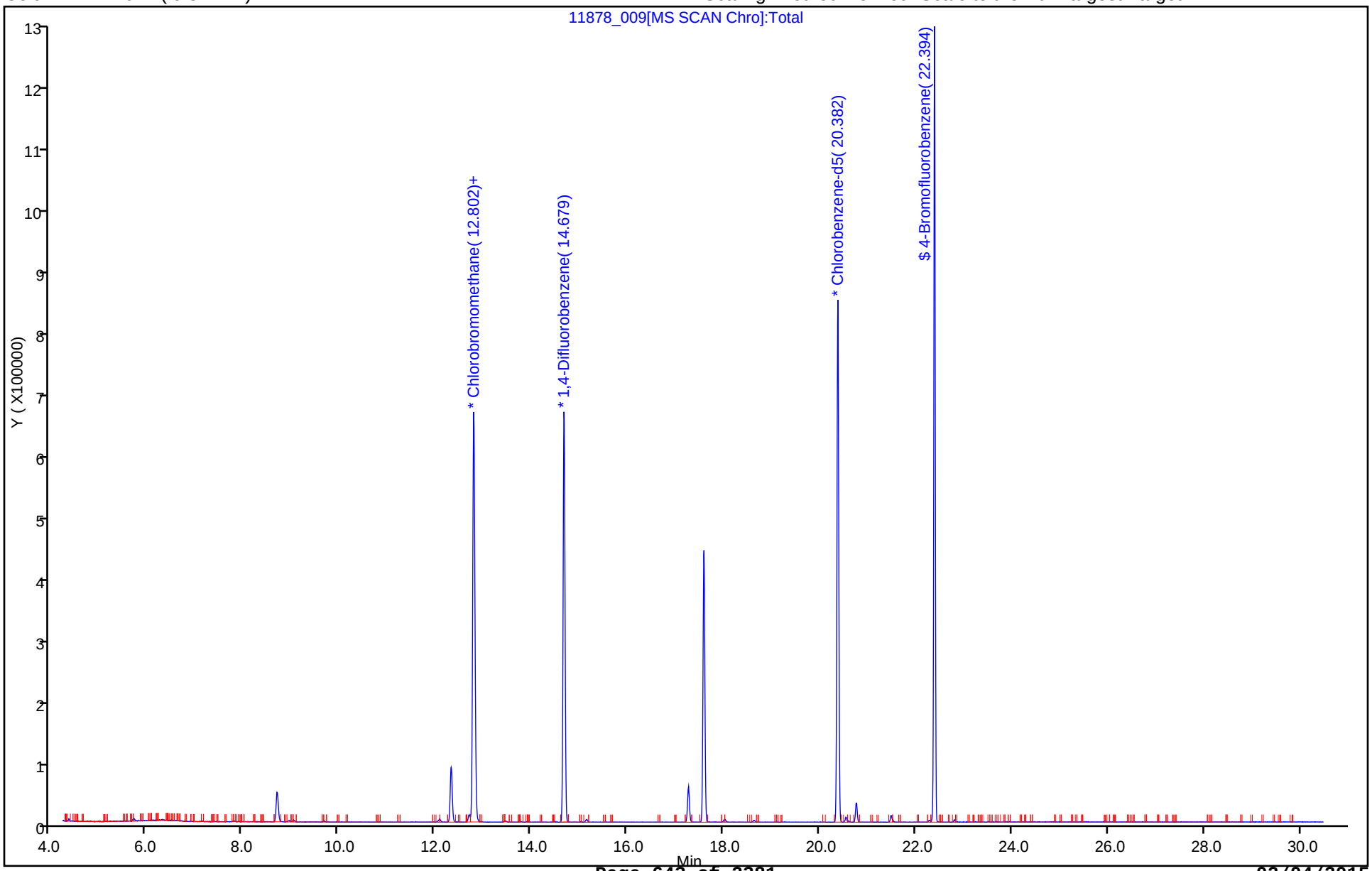
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5	Worklist Smp#:	9
Client ID:	101VMP0301FA				
Purge Vol:	200.000 mL	Dil. Factor:	49.7000	ALS Bottle#:	8
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

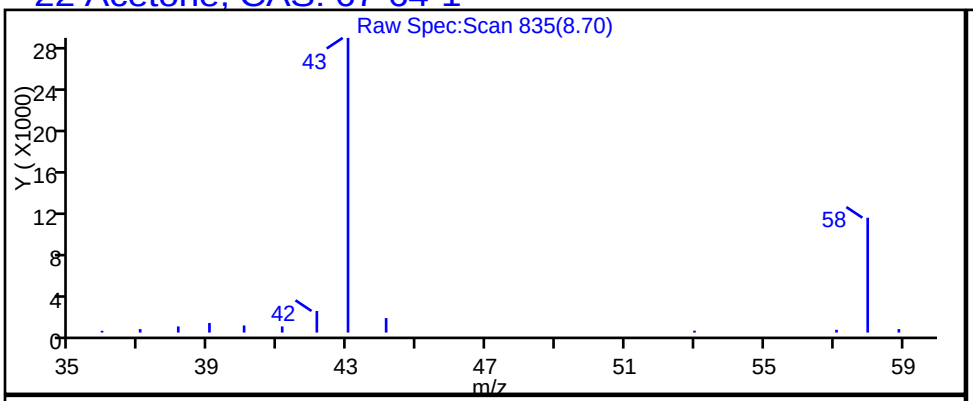


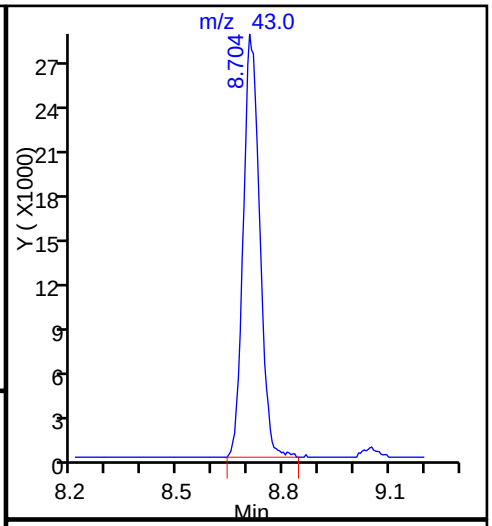
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

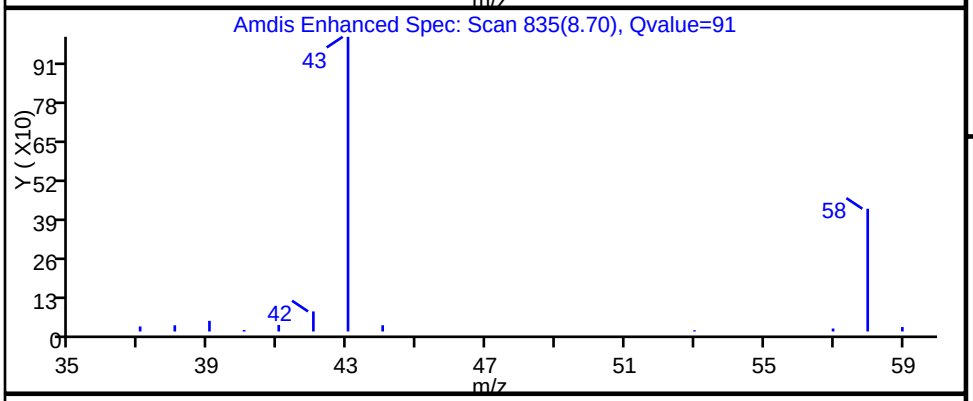
TestAmerica Burlington

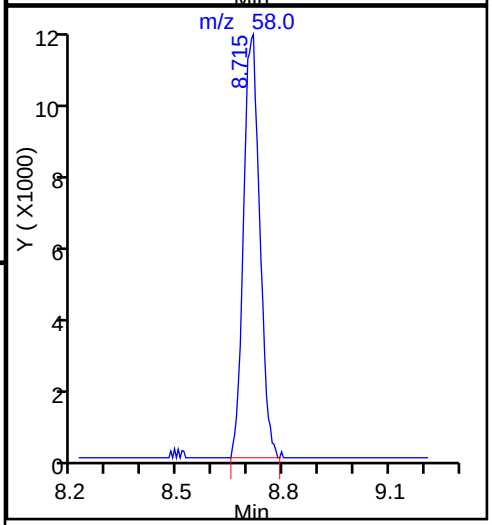
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d				
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

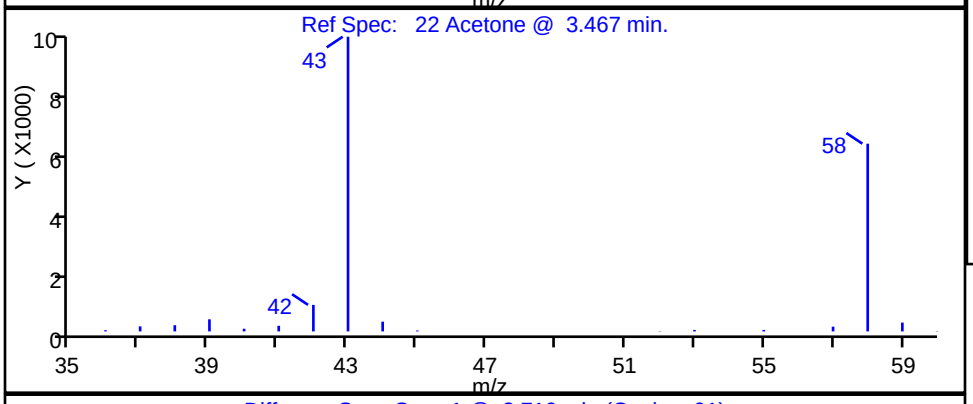
22 Acetone, CAS: 67-64-1

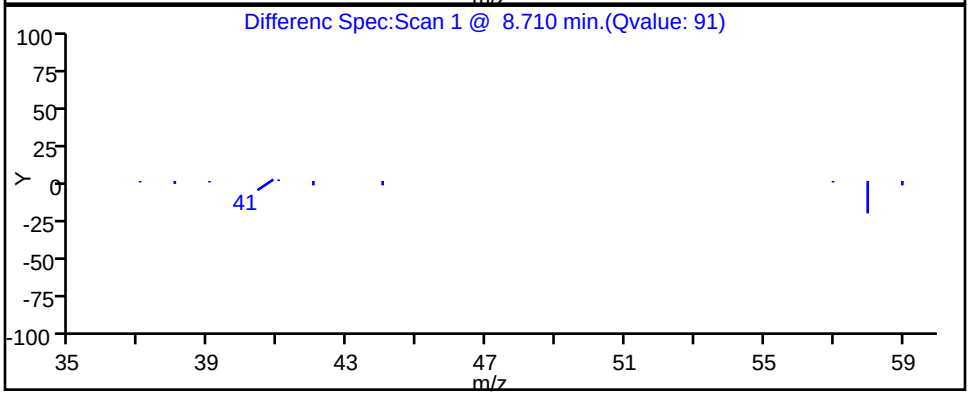












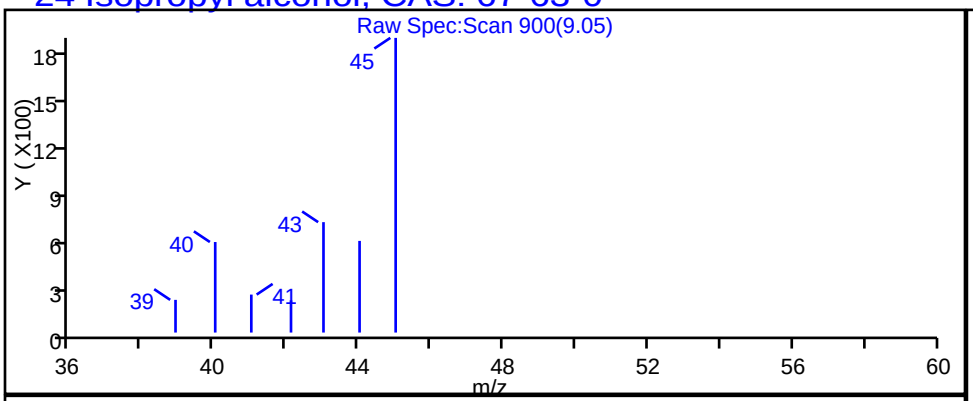
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

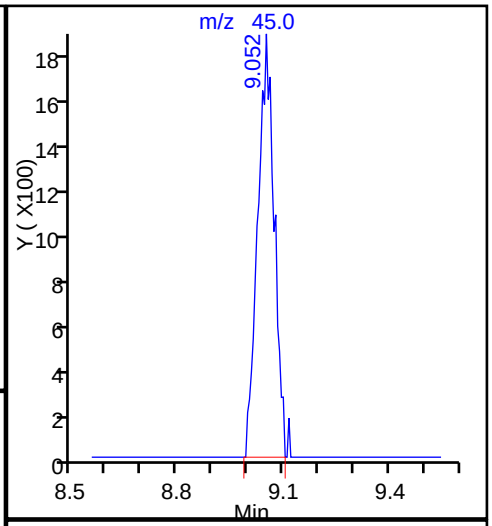
TestAmerica Burlington

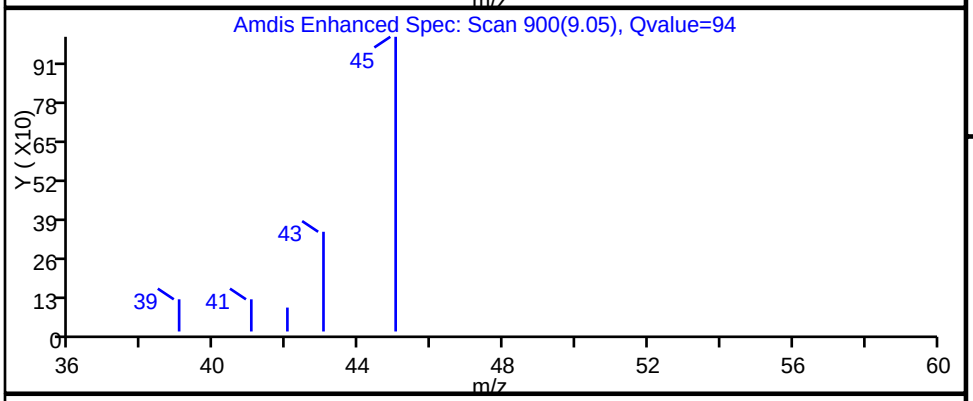
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

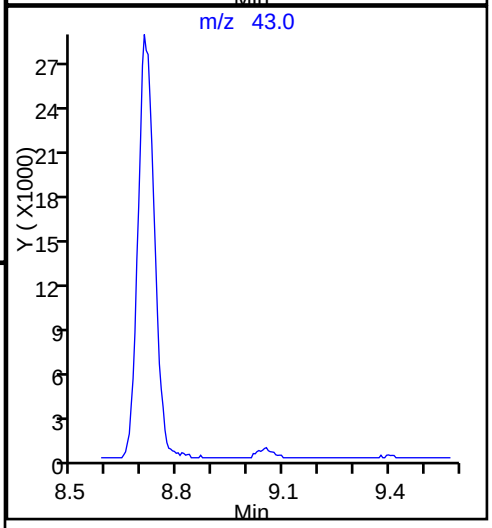
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5
Client ID:	101VMP0301FA		
Operator ID:	bpl	ALS Bottle#:	8 Worklist Smp#: 9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

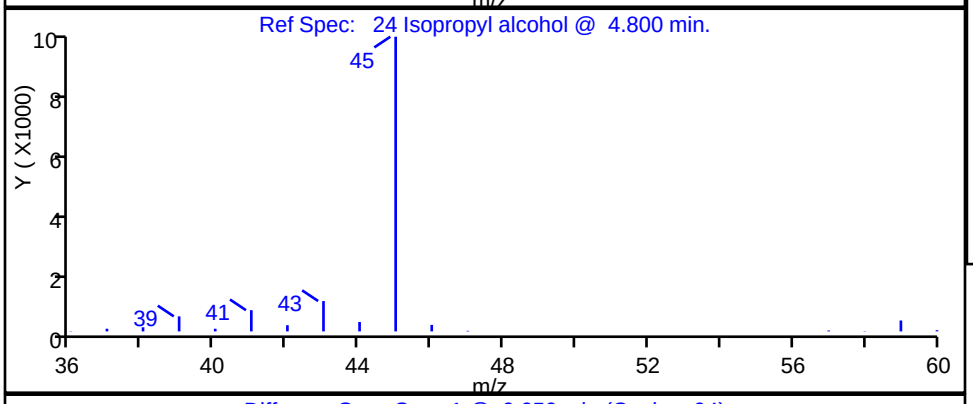
24 Isopropyl alcohol, CAS: 67-63-0

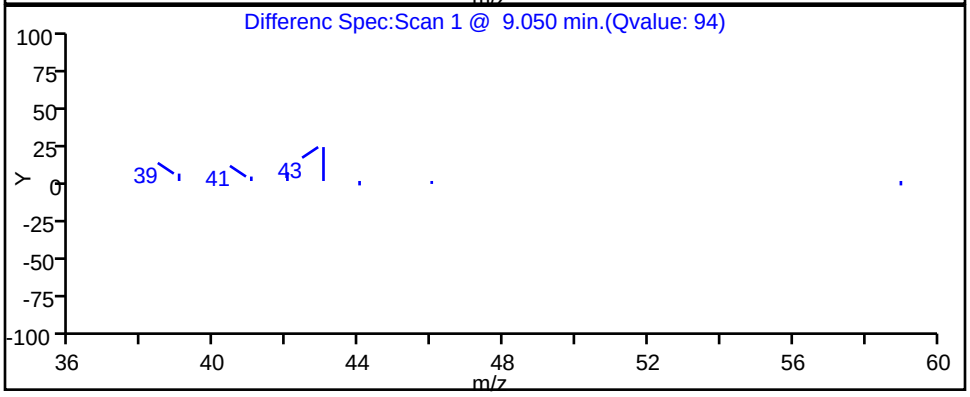












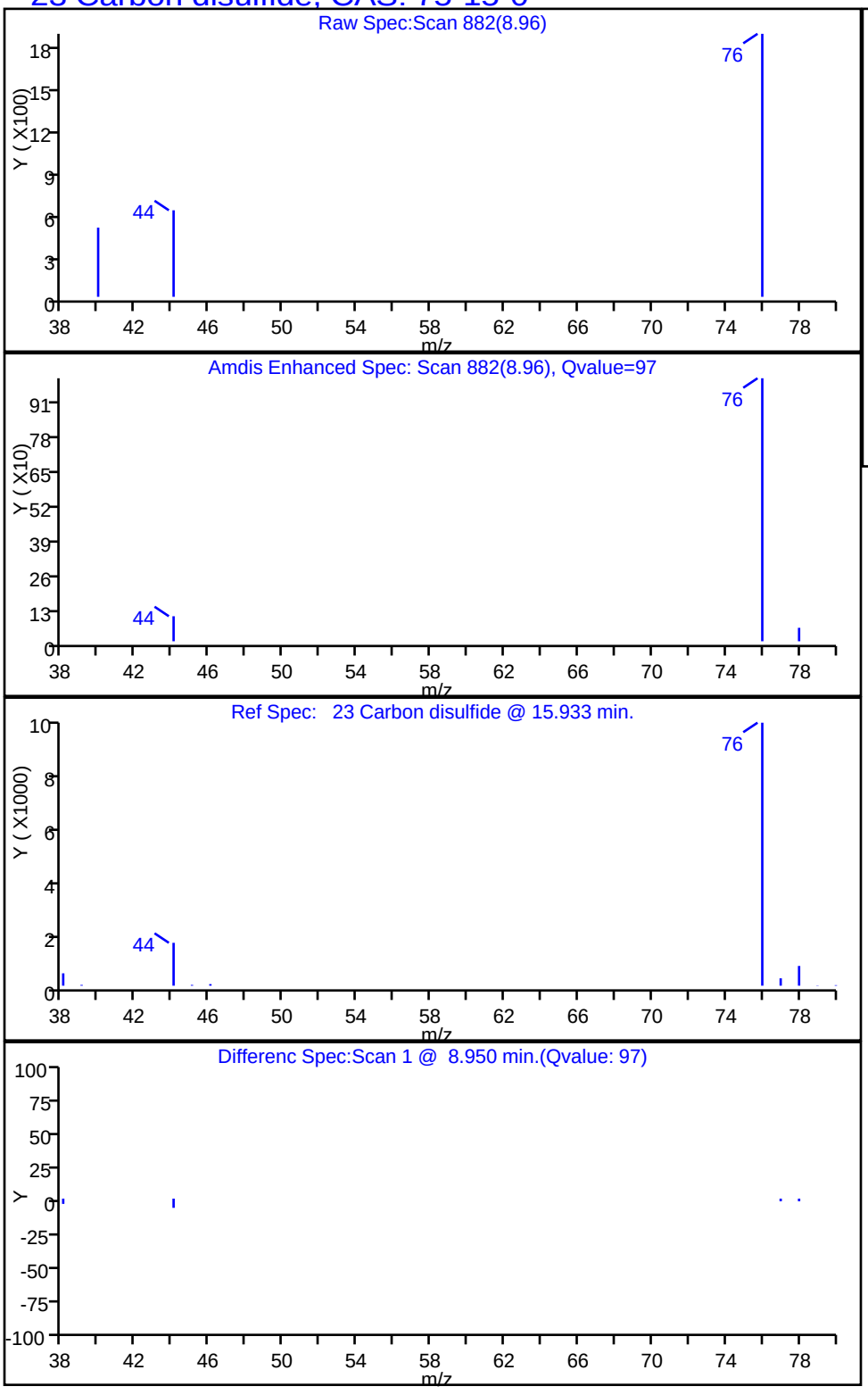
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

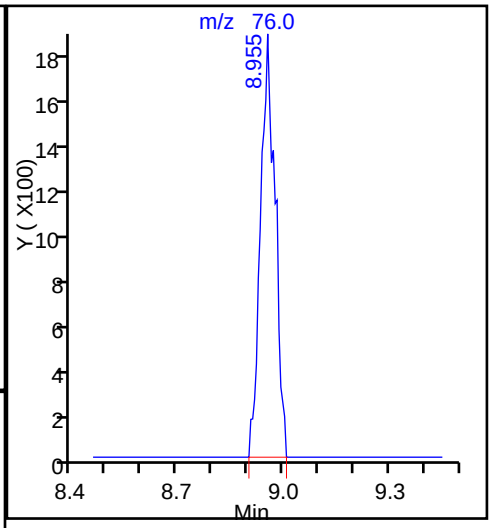
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Carbon disulfide, CAS: 75-15-0





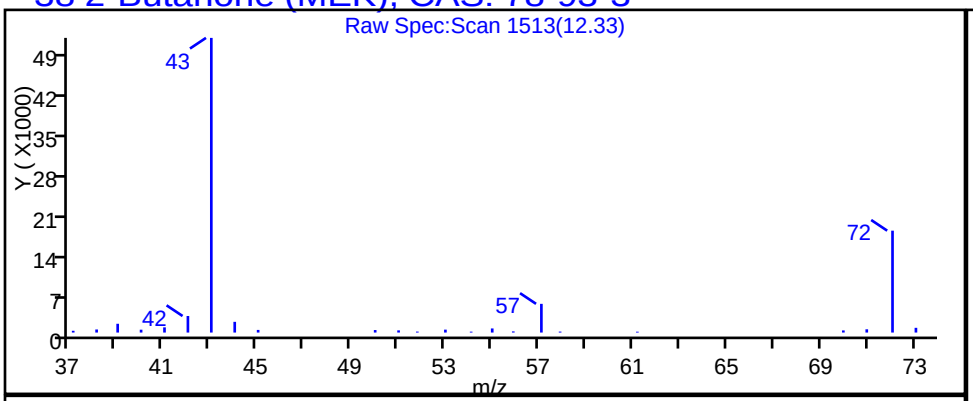
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

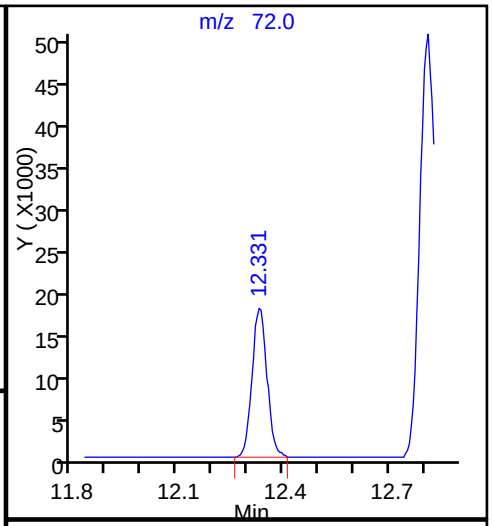
TestAmerica Burlington

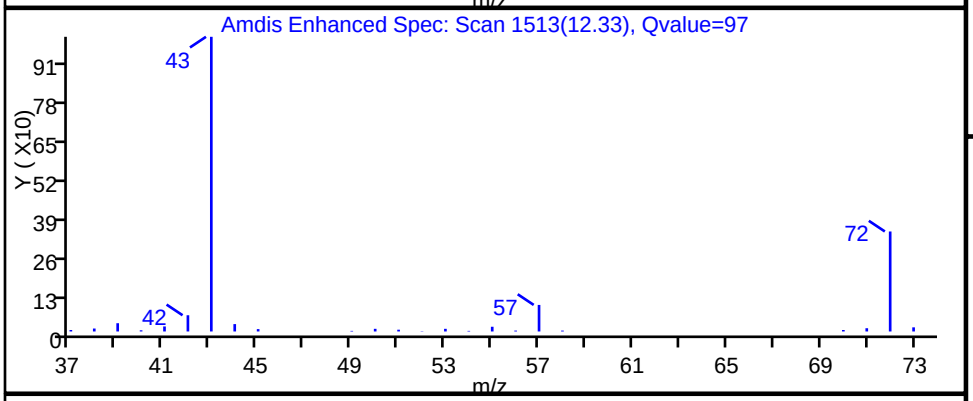
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

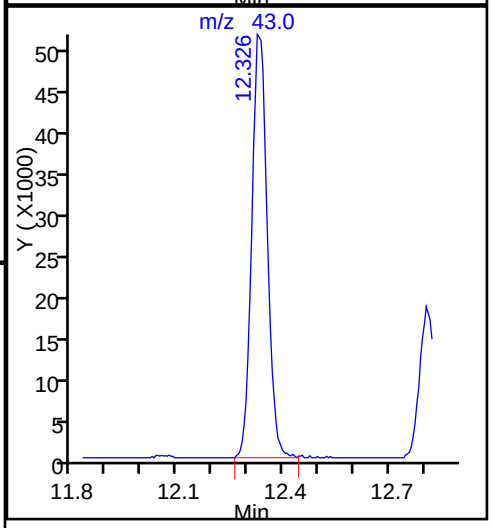
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

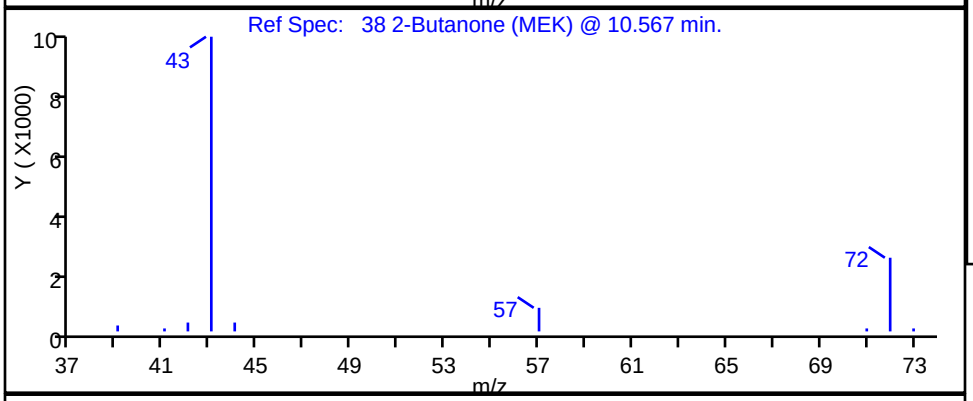
38 2-Butanone (MEK), CAS: 78-93-3

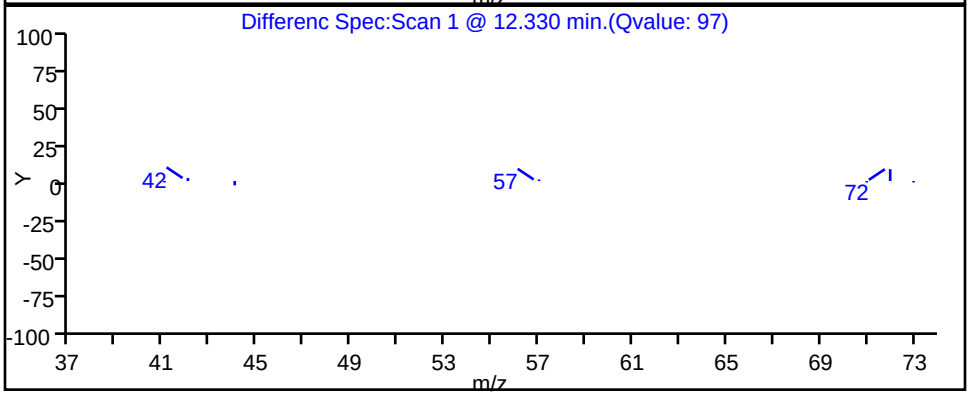












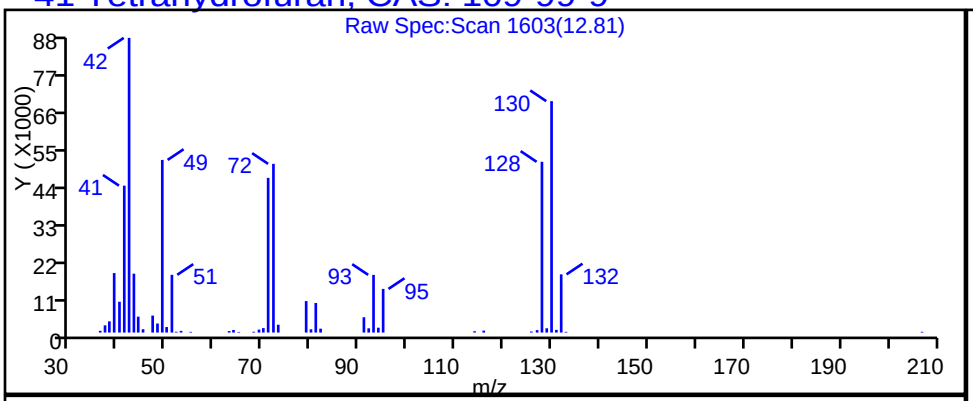
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

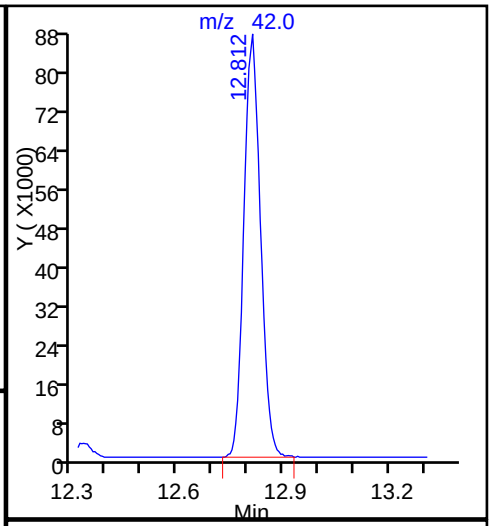
TestAmerica Burlington

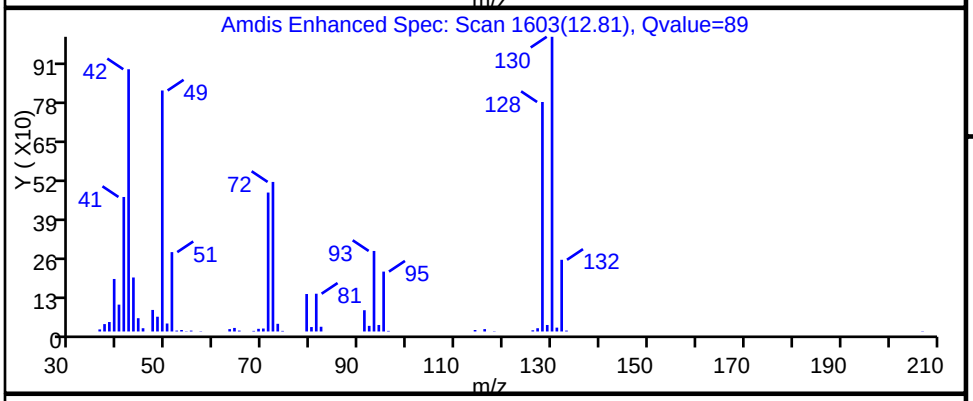
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

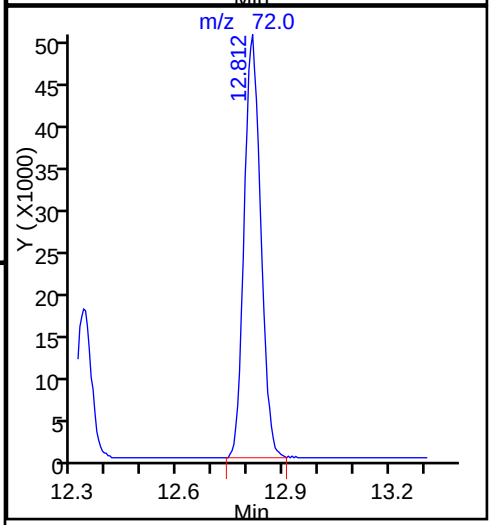
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

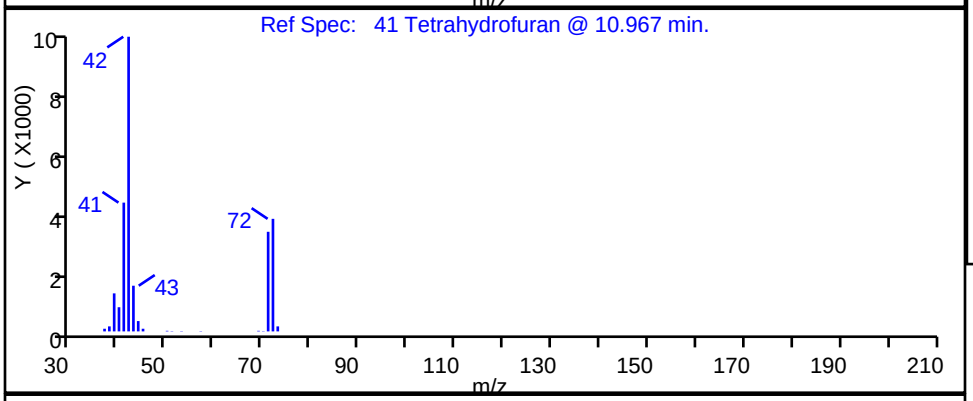
41 Tetrahydrofuran, CAS: 109-99-9

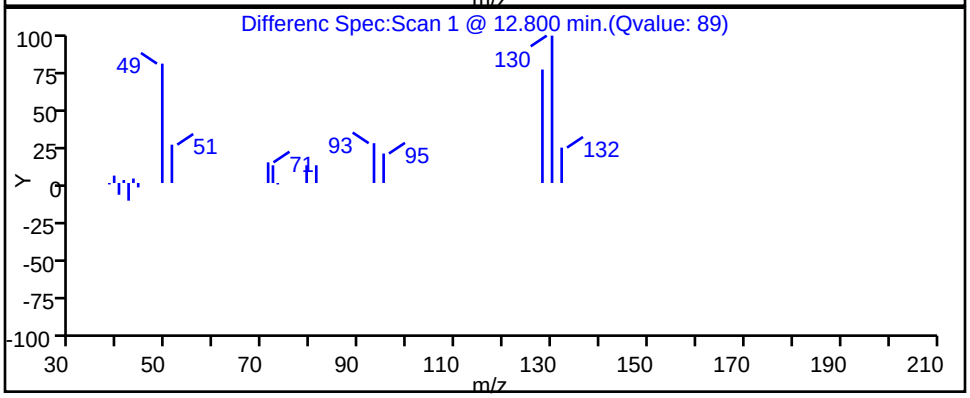












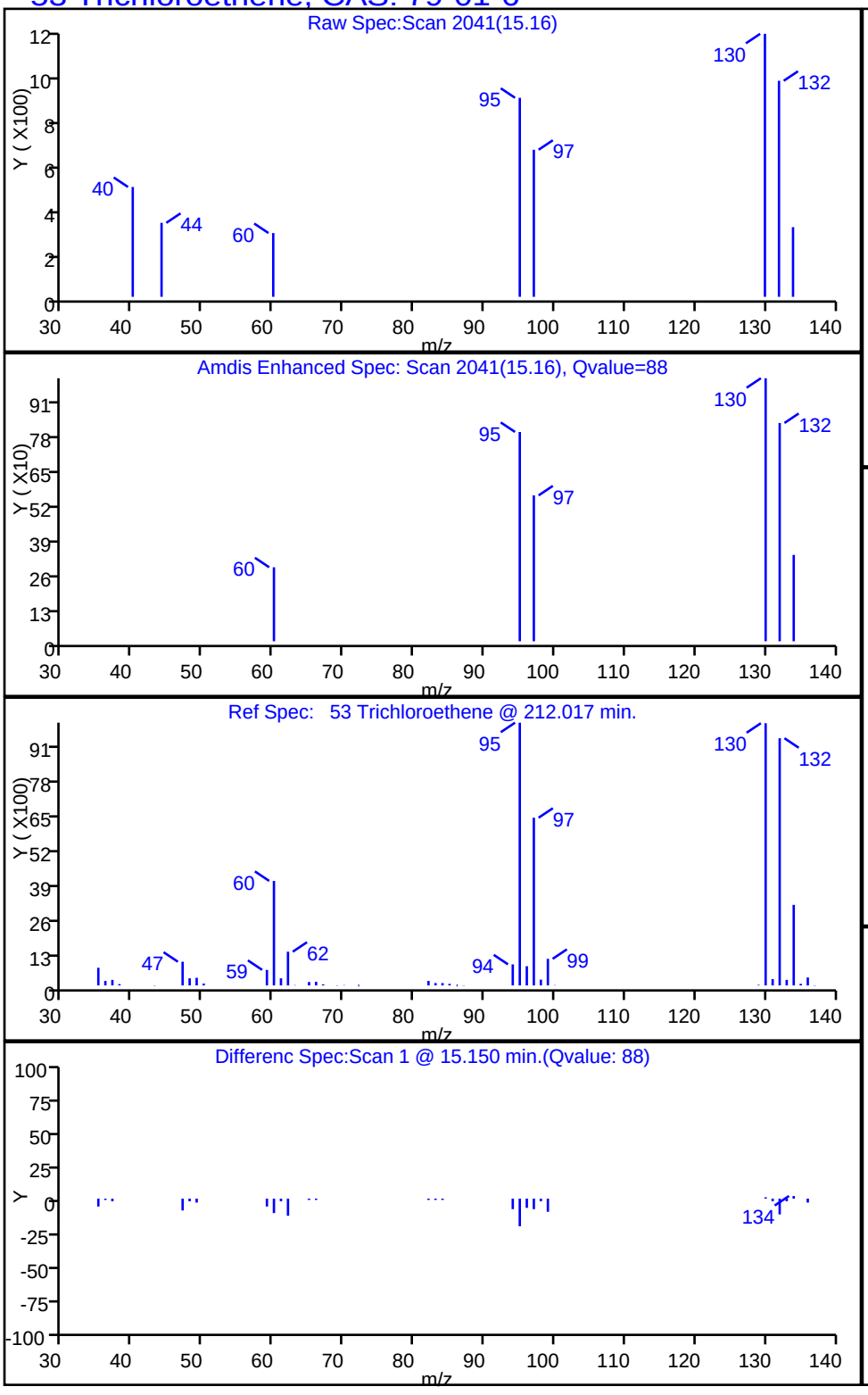
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

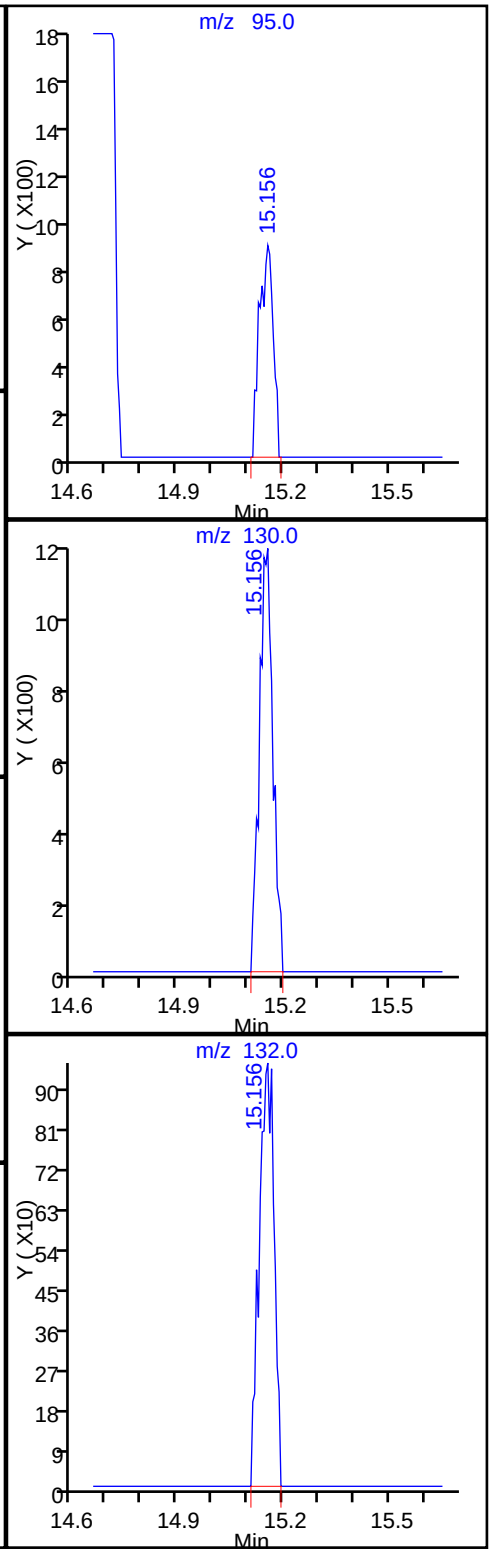
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 Trichloroethene, CAS: 79-01-6





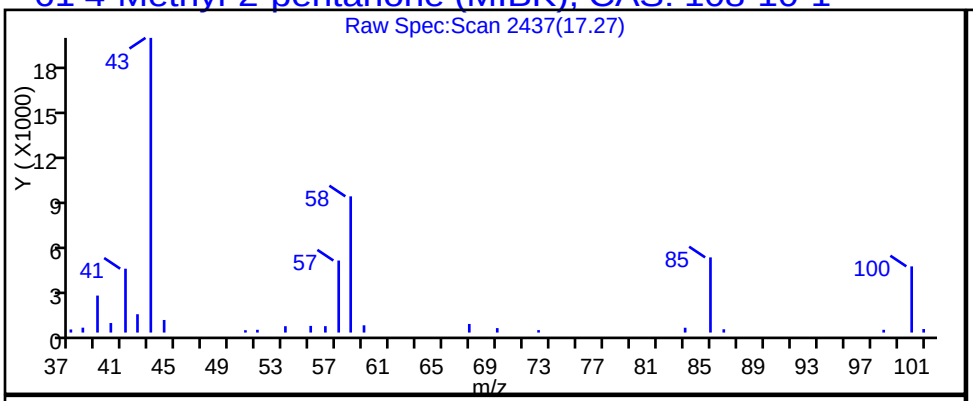
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

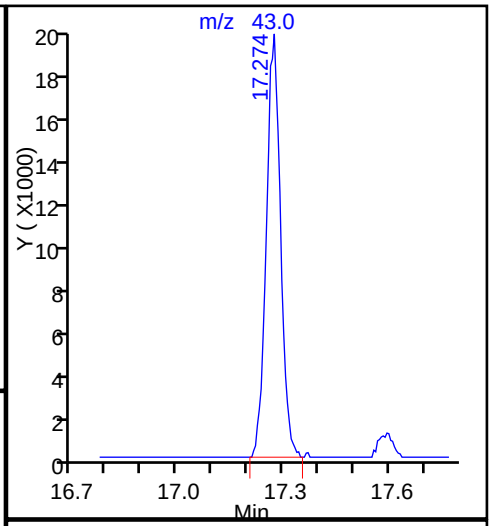
TestAmerica Burlington

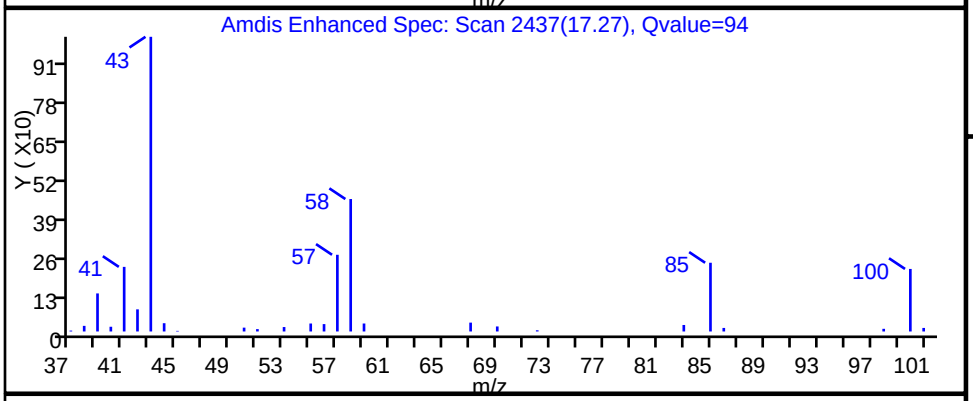
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

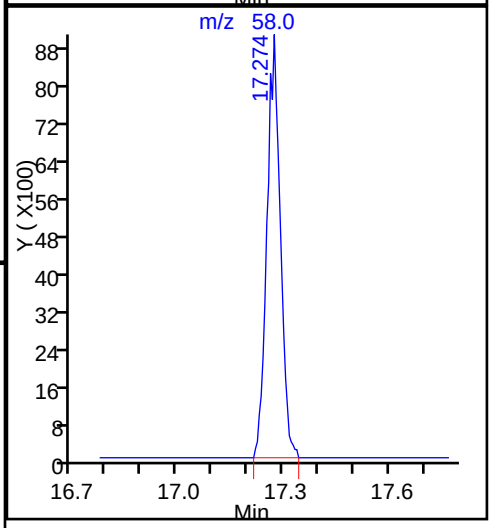
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

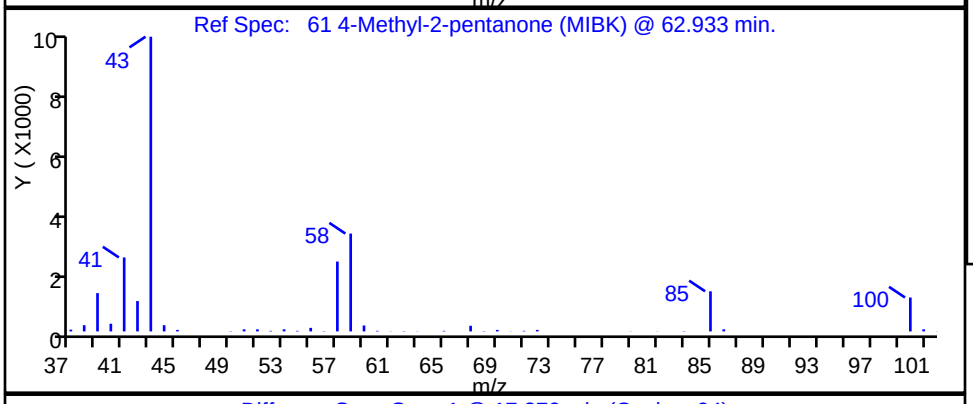
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

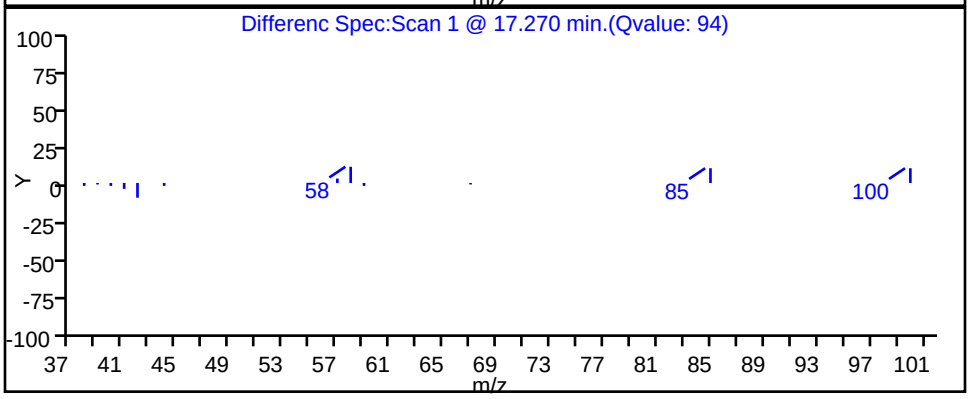












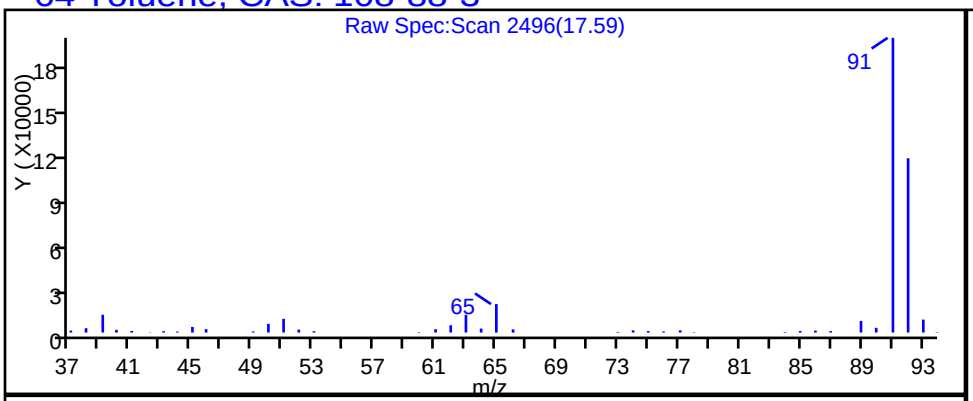
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

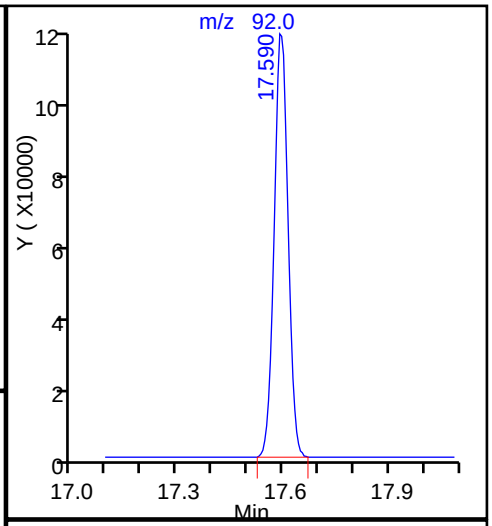
TestAmerica Burlington

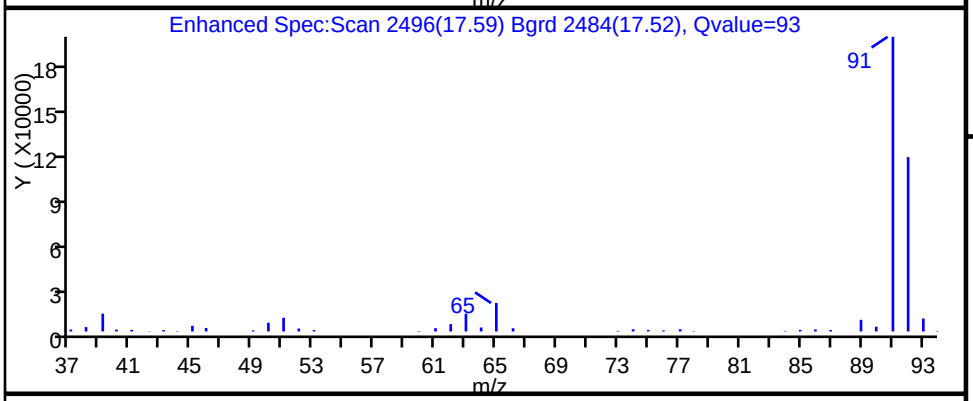
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

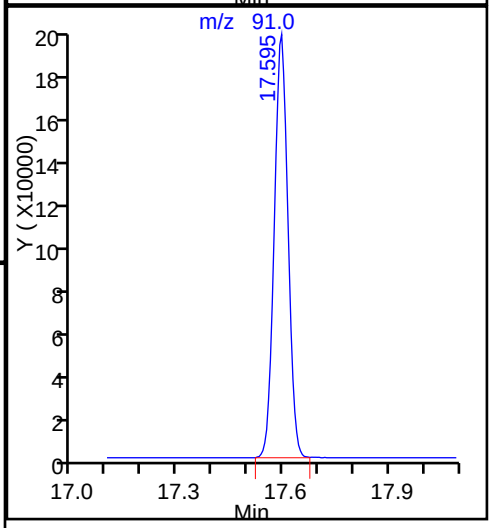
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

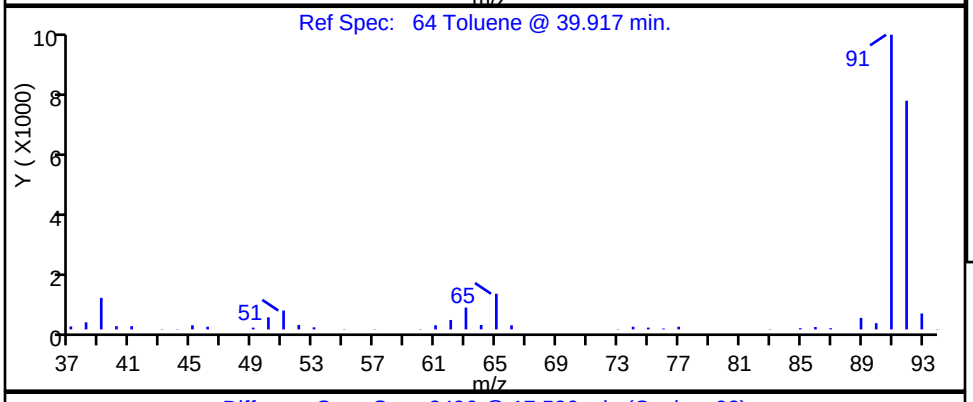
64 Toluene, CAS: 108-88-3

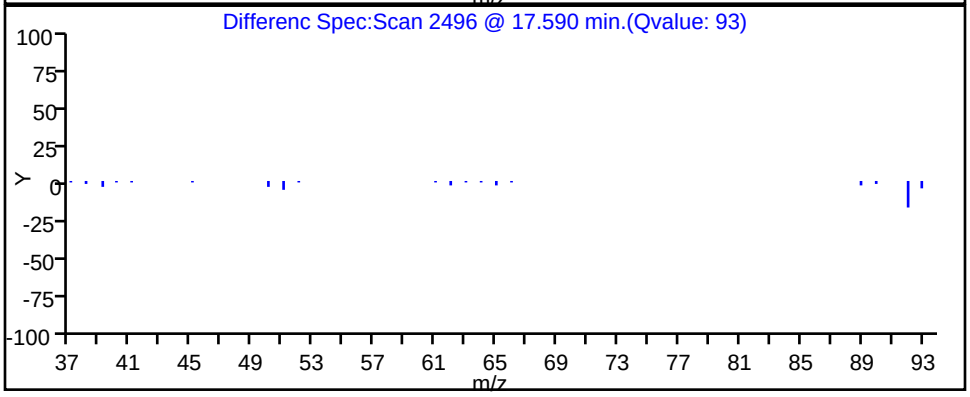












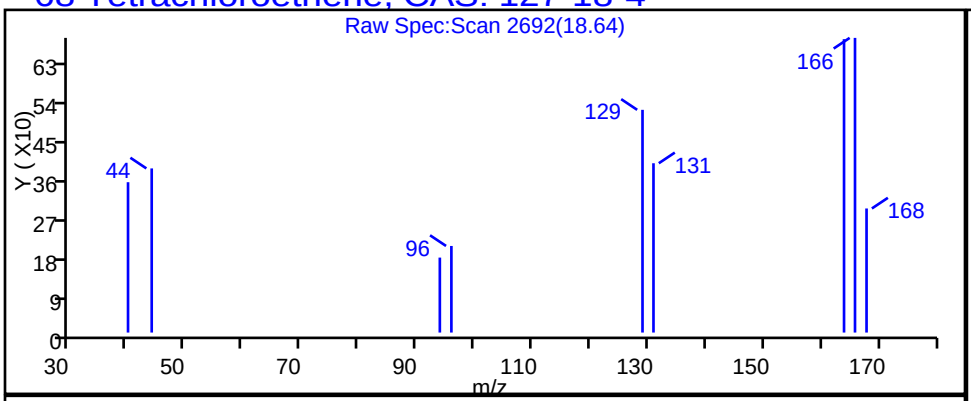
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

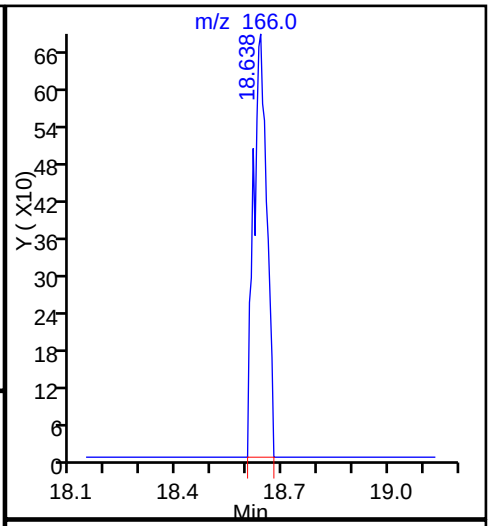
TestAmerica Burlington

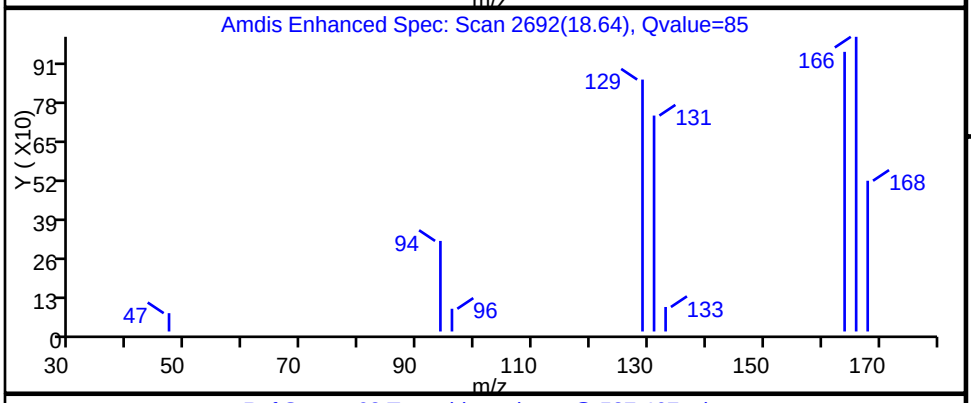
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

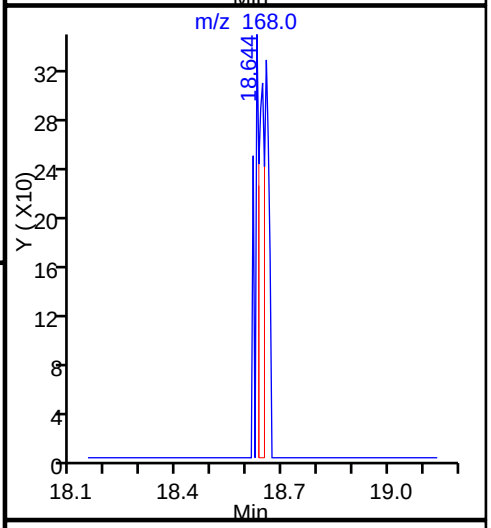
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5
Client ID:	101VMP0301FA		
Operator ID:	bpl	ALS Bottle#:	8 Worklist Smp#: 9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

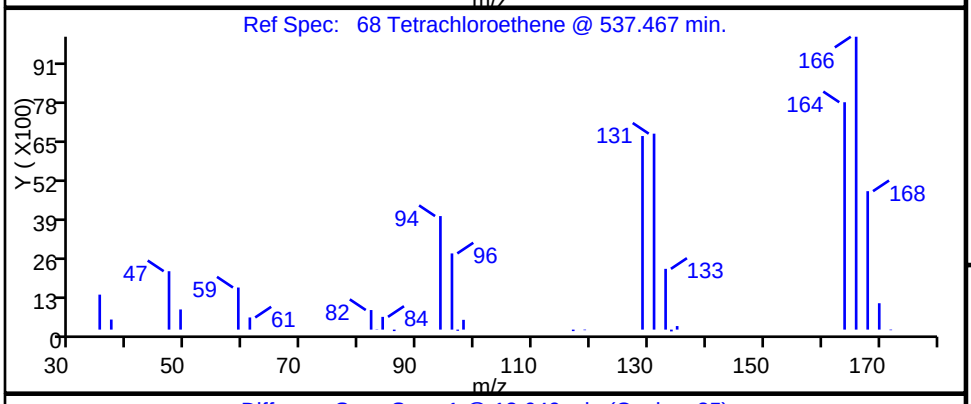
68 Tetrachloroethene, CAS: 127-18-4

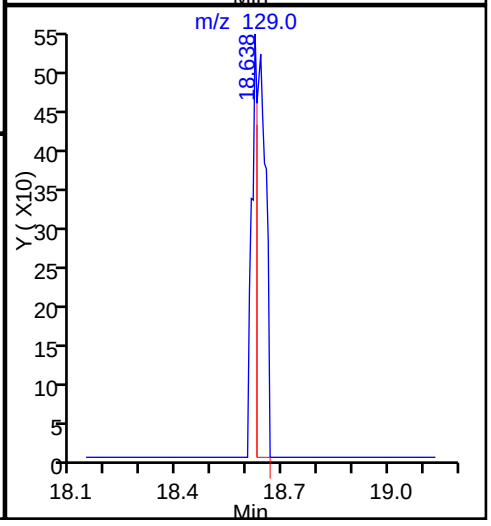


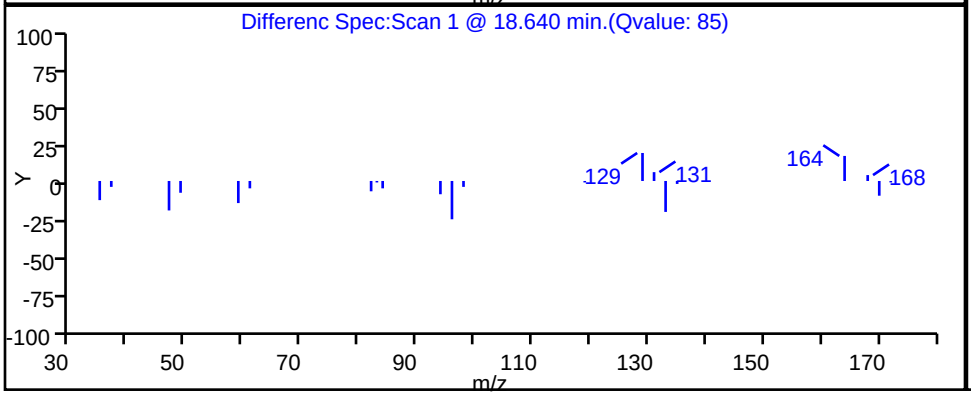












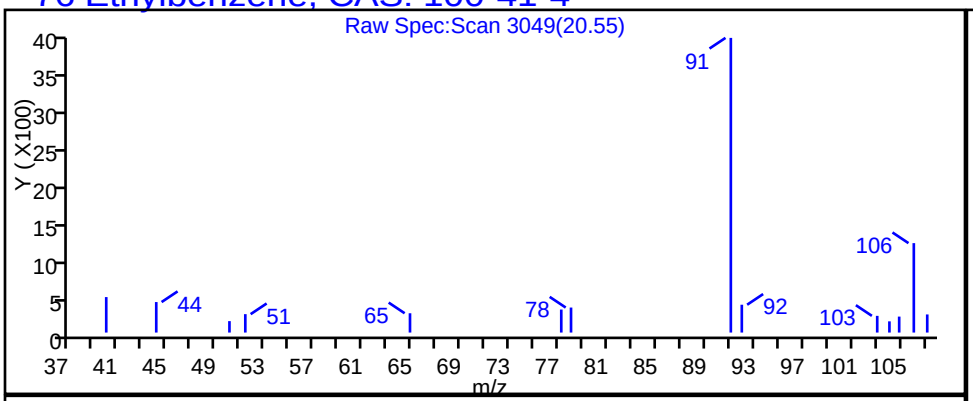
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

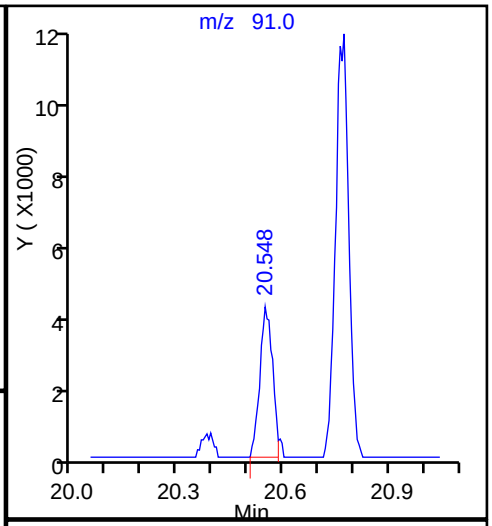
TestAmerica Burlington

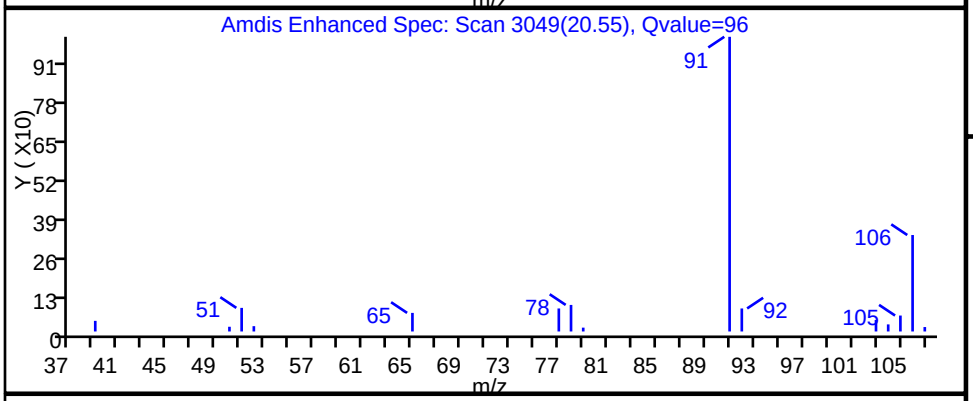
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

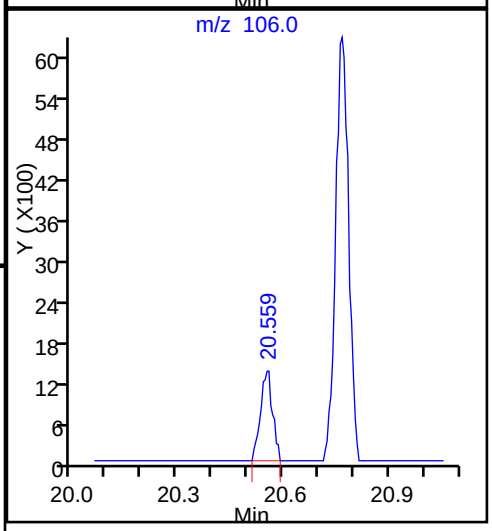
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

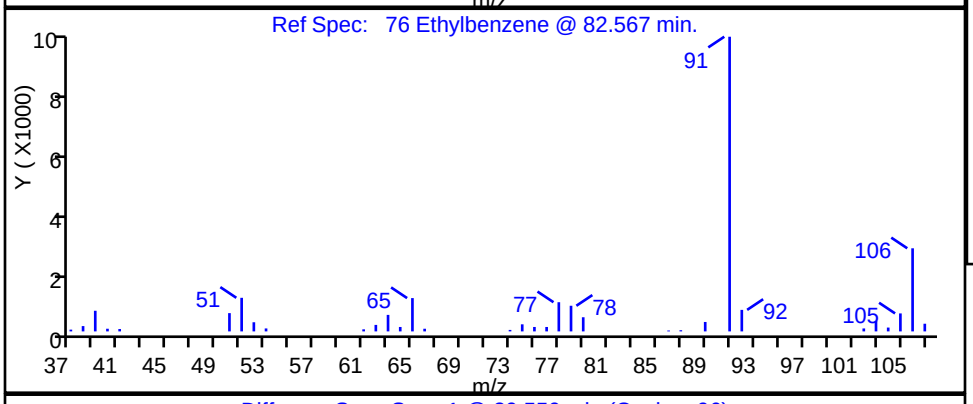
76 Ethylbenzene, CAS: 100-41-4

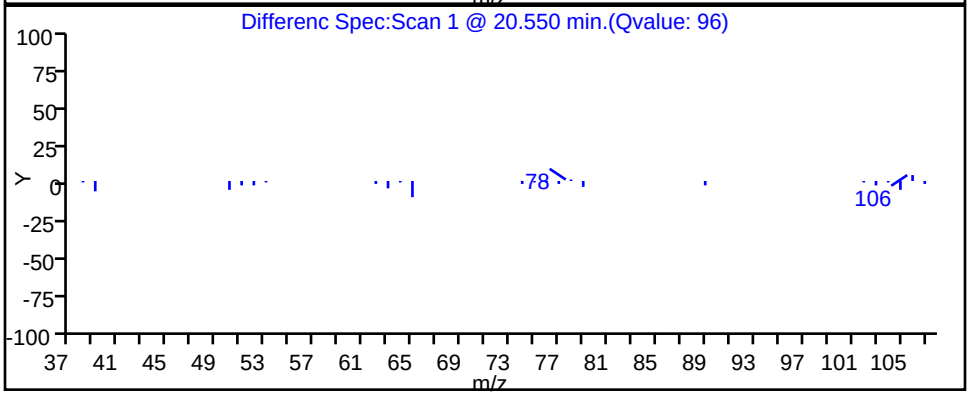












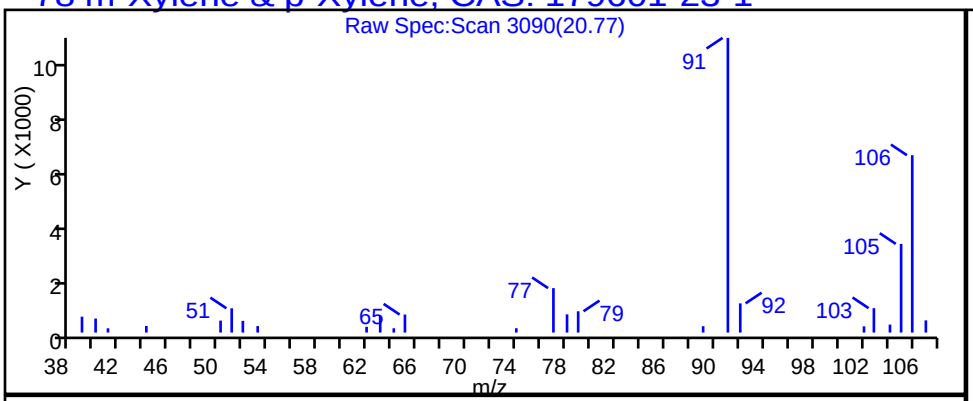
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

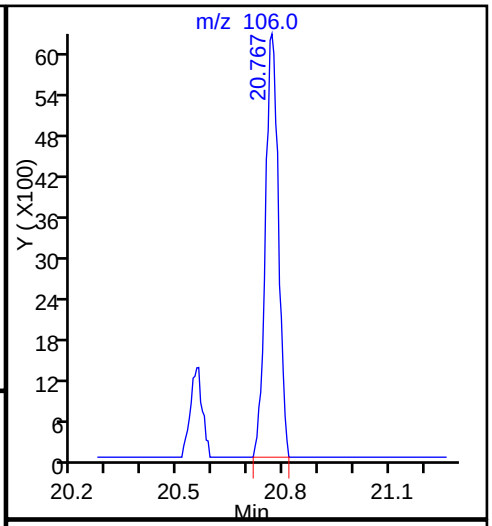
TestAmerica Burlington

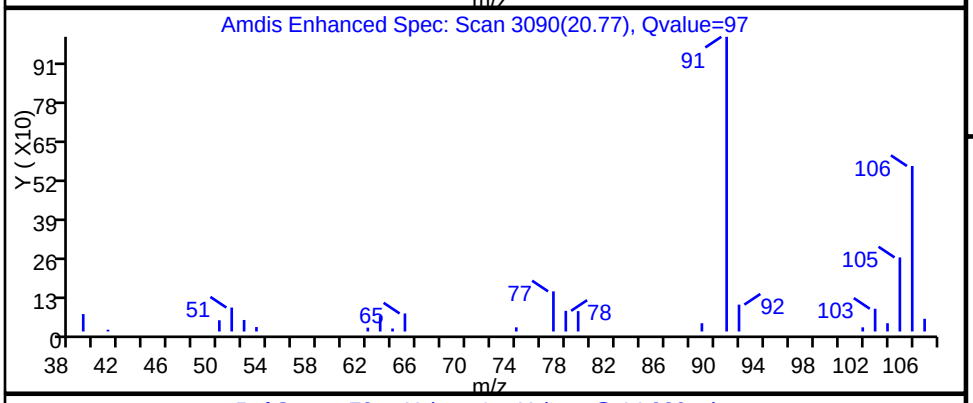
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

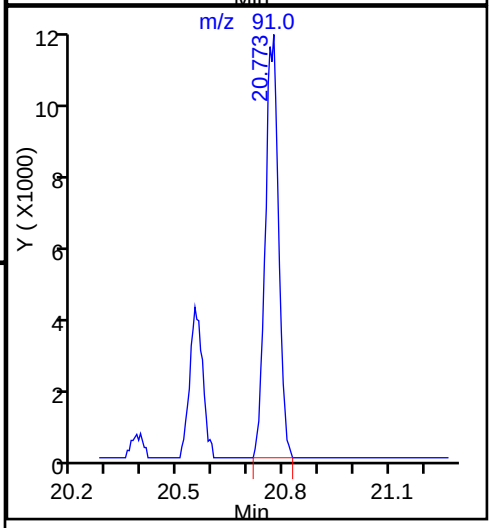
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

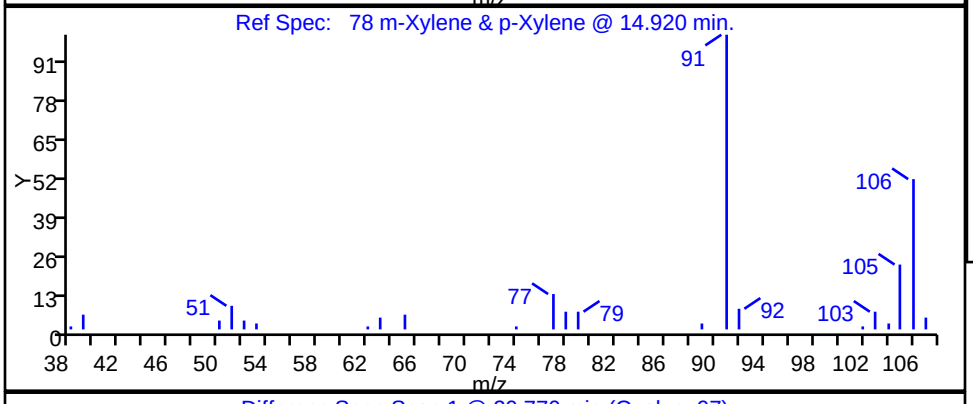
78 m-Xylene & p-Xylene, CAS: 179601-23-1

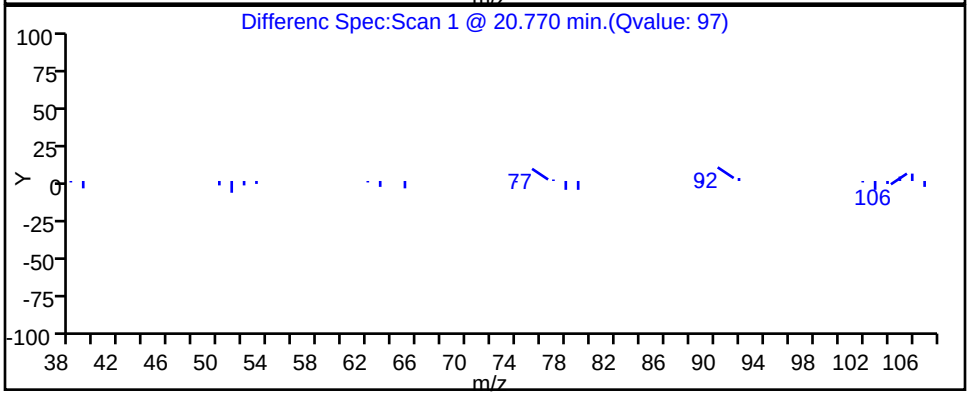












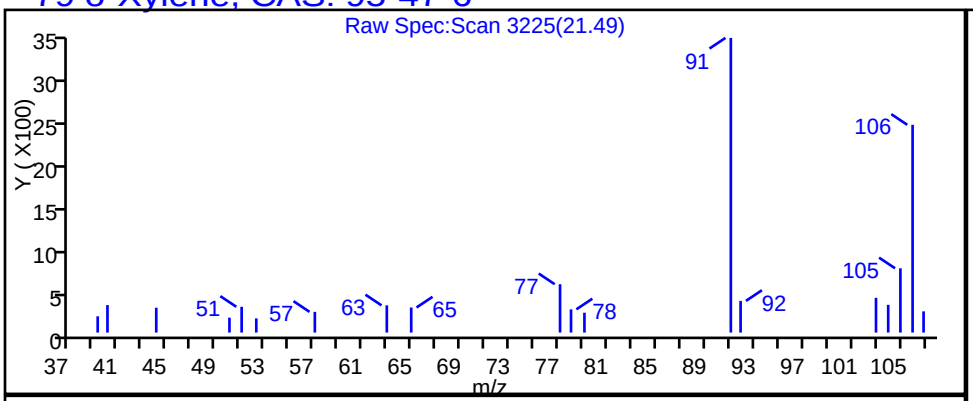
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

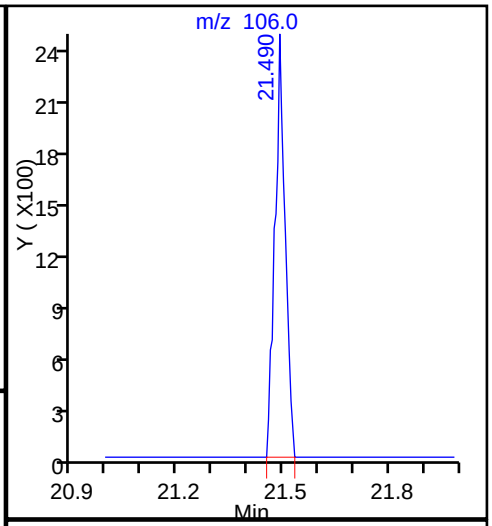
TestAmerica Burlington

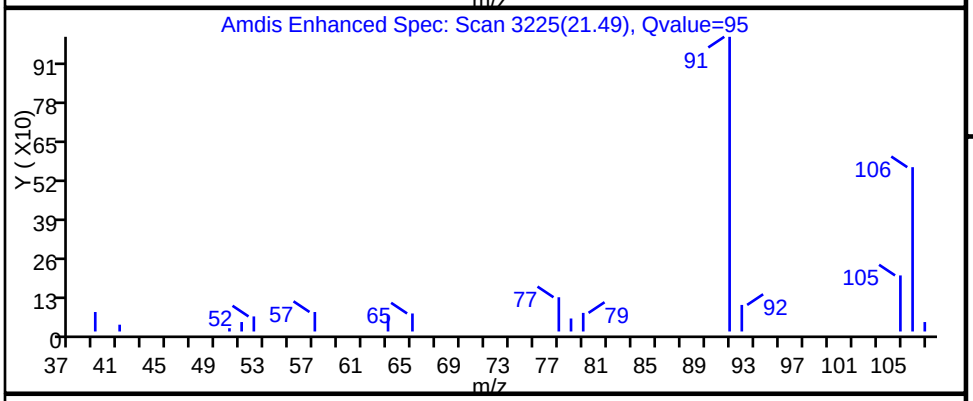
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

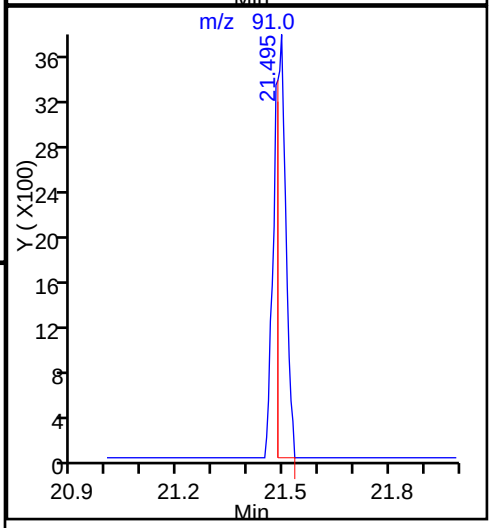
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

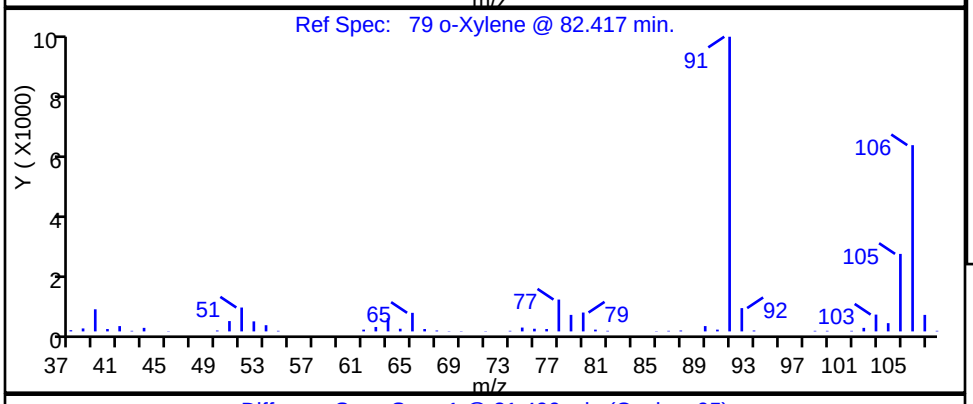
79 o-Xylene, CAS: 95-47-6

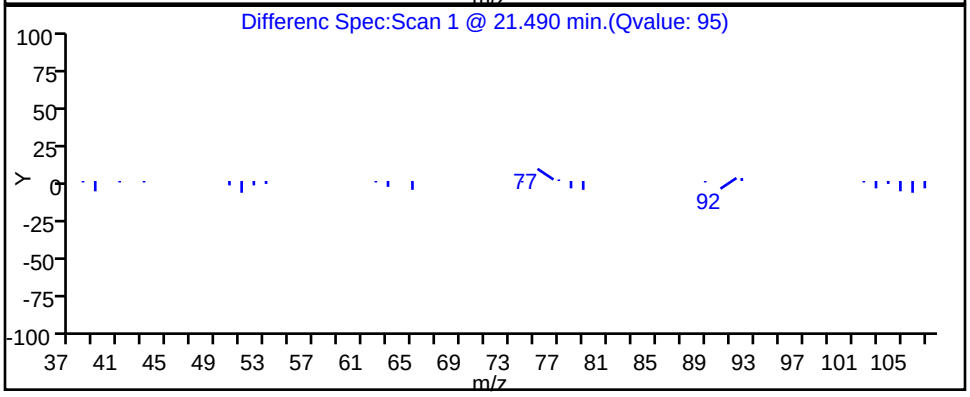












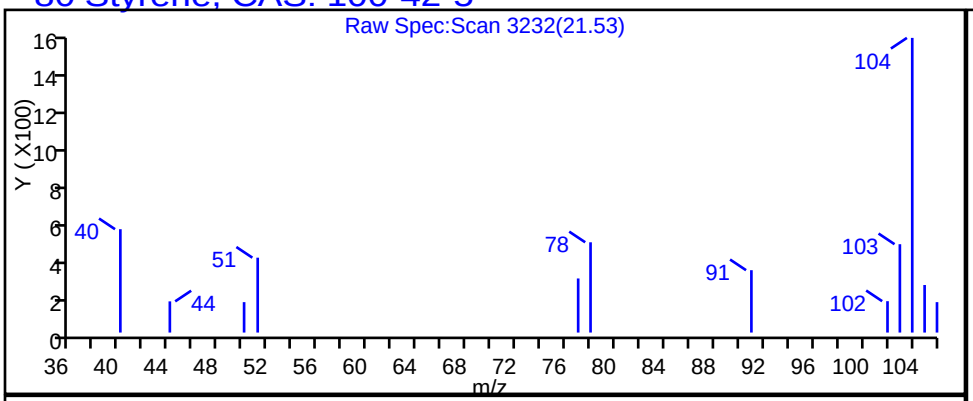
Report Date: 30-Jan-2015 09:16:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

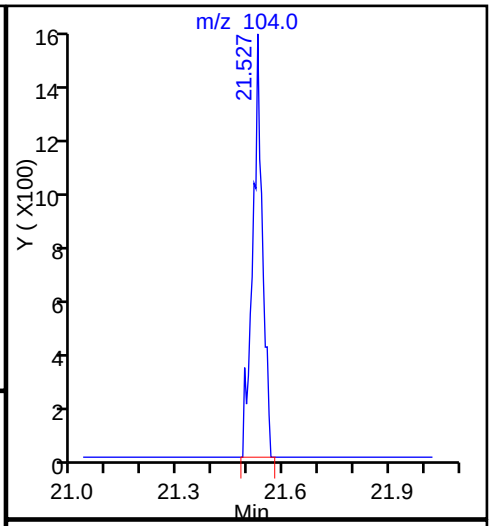
TestAmerica Burlington

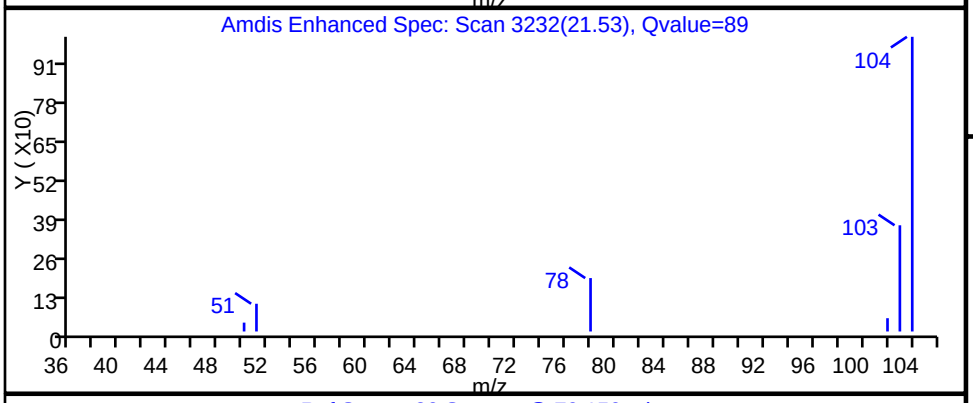
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d

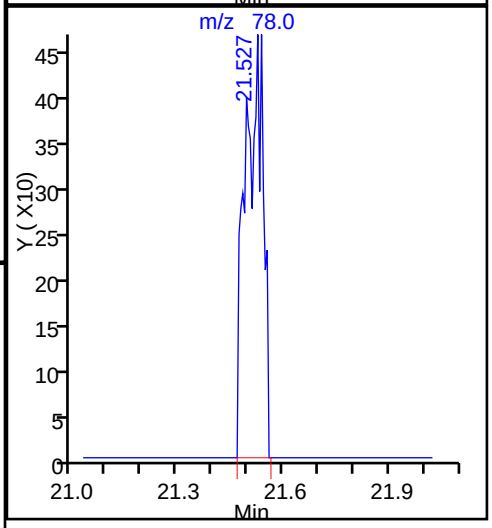
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

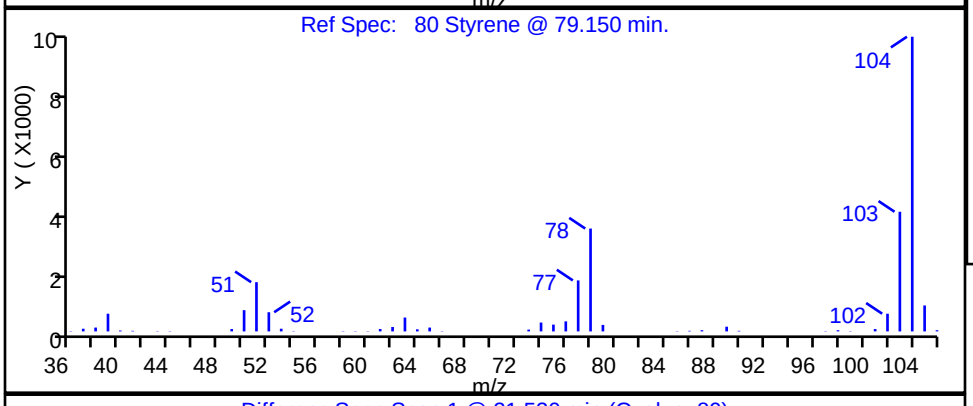
80 Styrene, CAS: 100-42-5

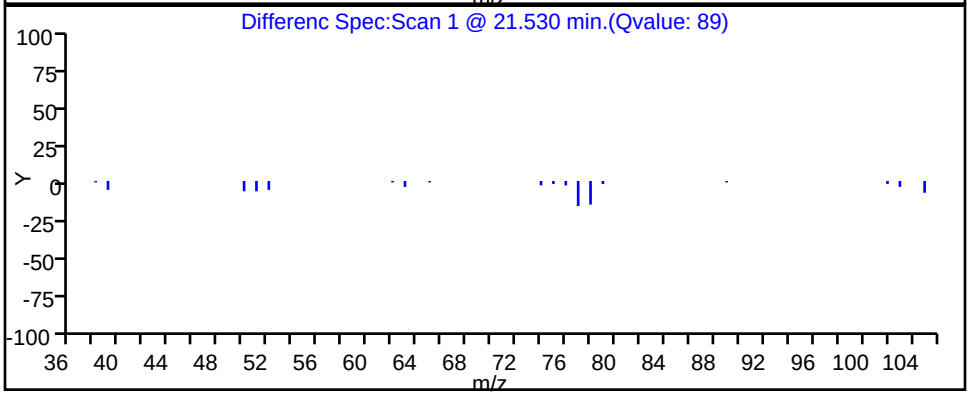












Manual Integration/User Assign Peak Report

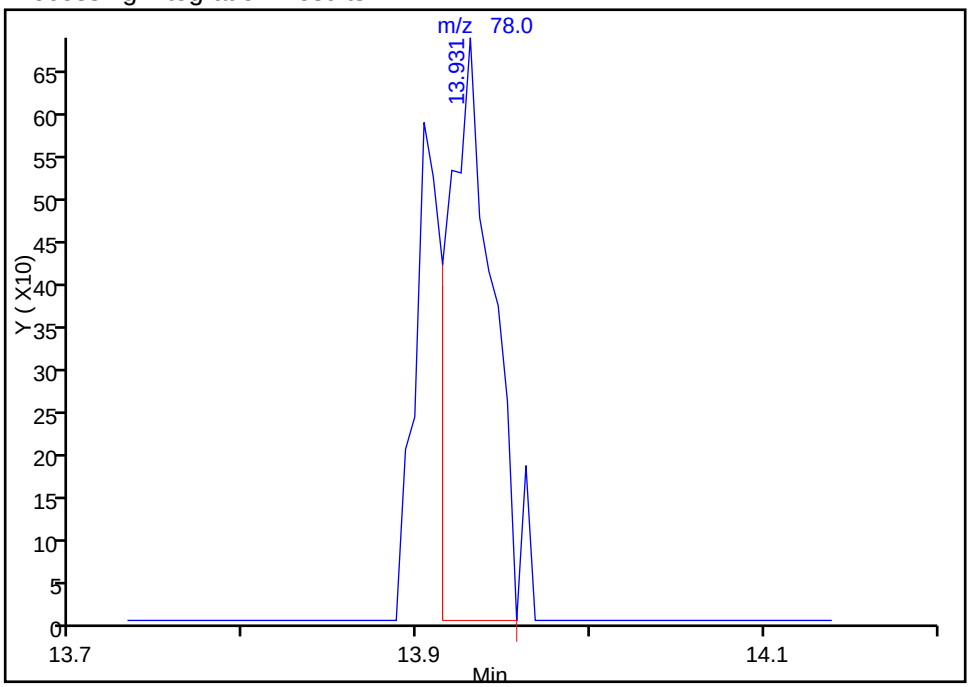
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d				
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2

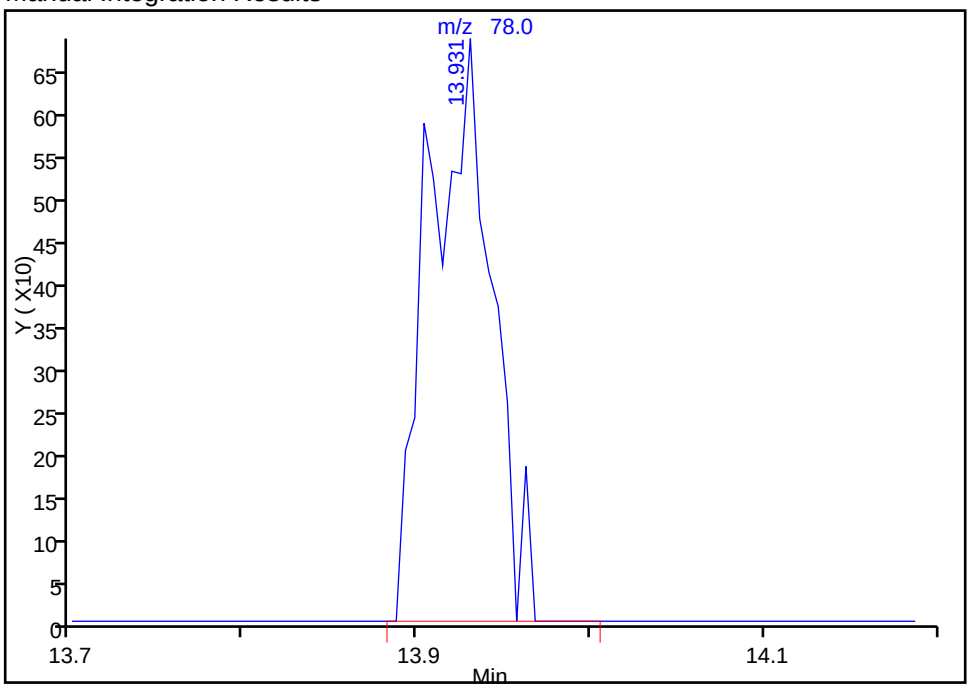
Processing Integration Results

RT: 13.93
Area: 1171
Amount: 0.016738
Amount Units: ppb v/v



Manual Integration Results

RT: 13.93
Area: 1723
Amount: 0.024628
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 09:16:24
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

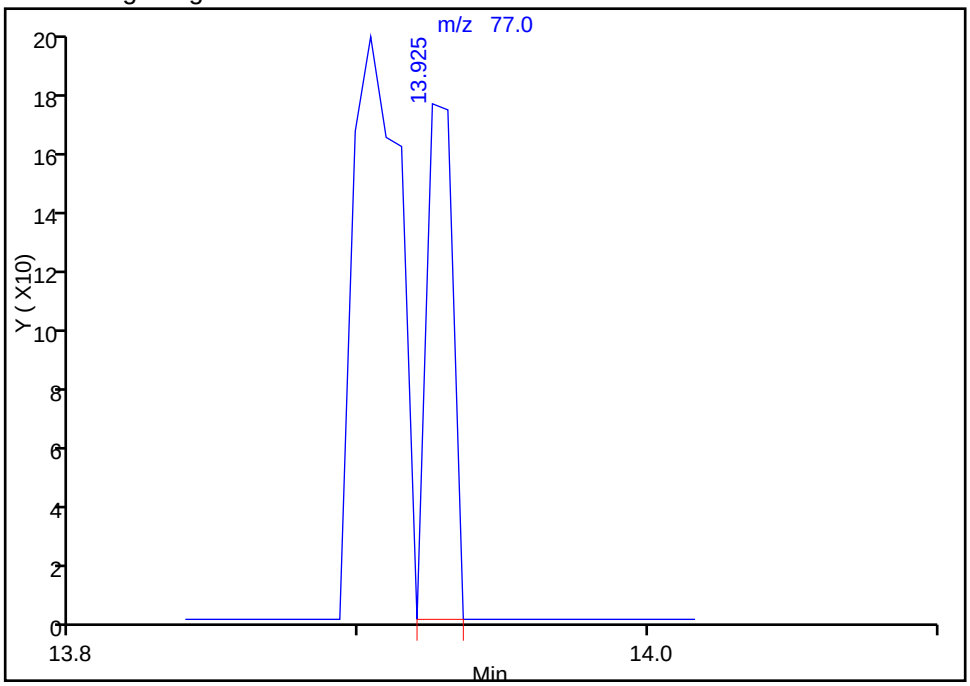
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d				
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2

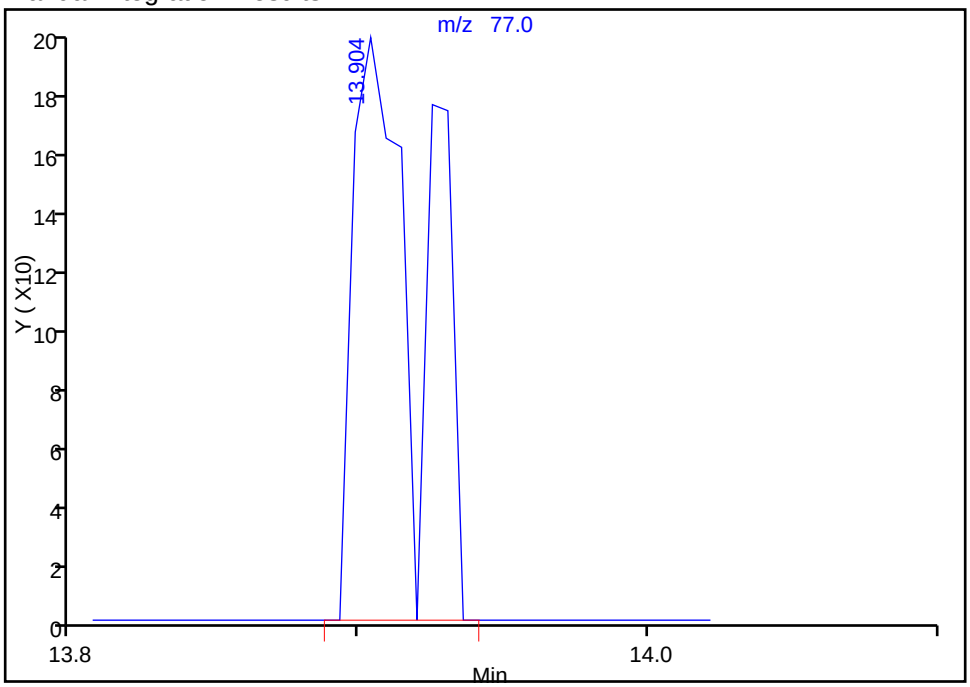
Processing Integration Results

RT: 13.93
Area: 108
Amount: 0.016738
Amount Units: ppb v/v



Manual Integration Results

RT: 13.90
Area: 321
Amount: 0.024628
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 09:16:24
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

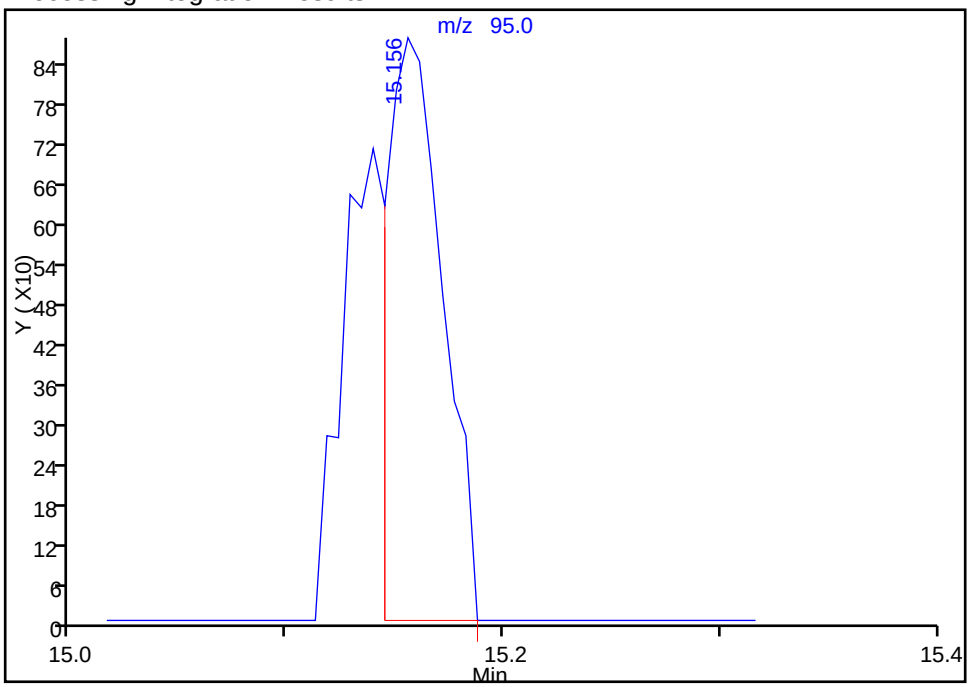
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d				
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 Trichloroethene, CAS: 79-01-6

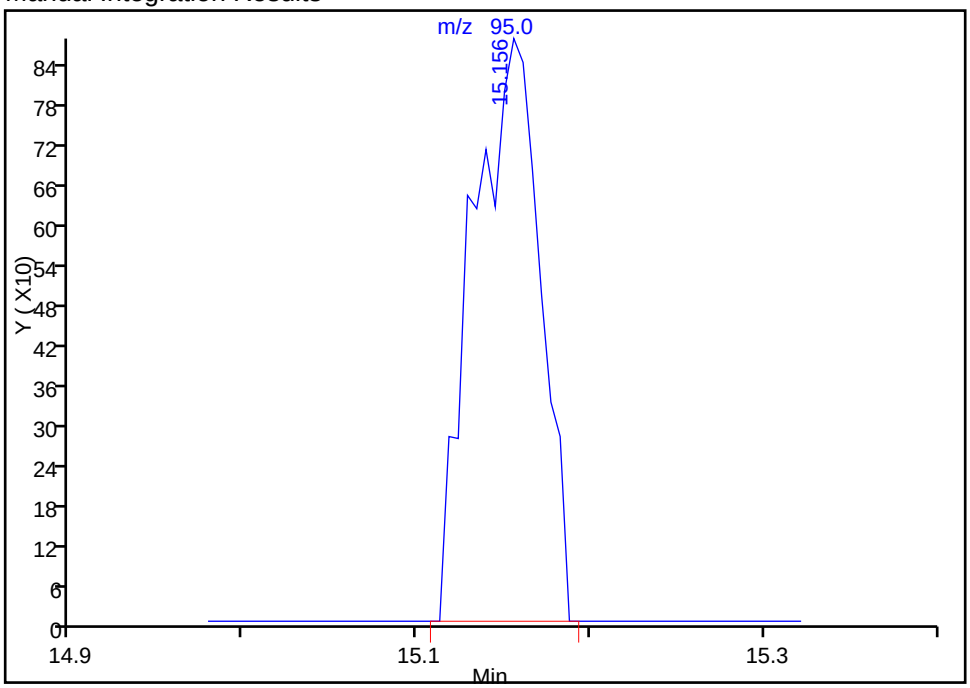
Processing Integration Results

RT: 15.16
Area: 1579
Amount: 0.049823
Amount Units: ppb v/v



Manual Integration Results

RT: 15.16
Area: 2389
Amount: 0.075382
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 09:16:24
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

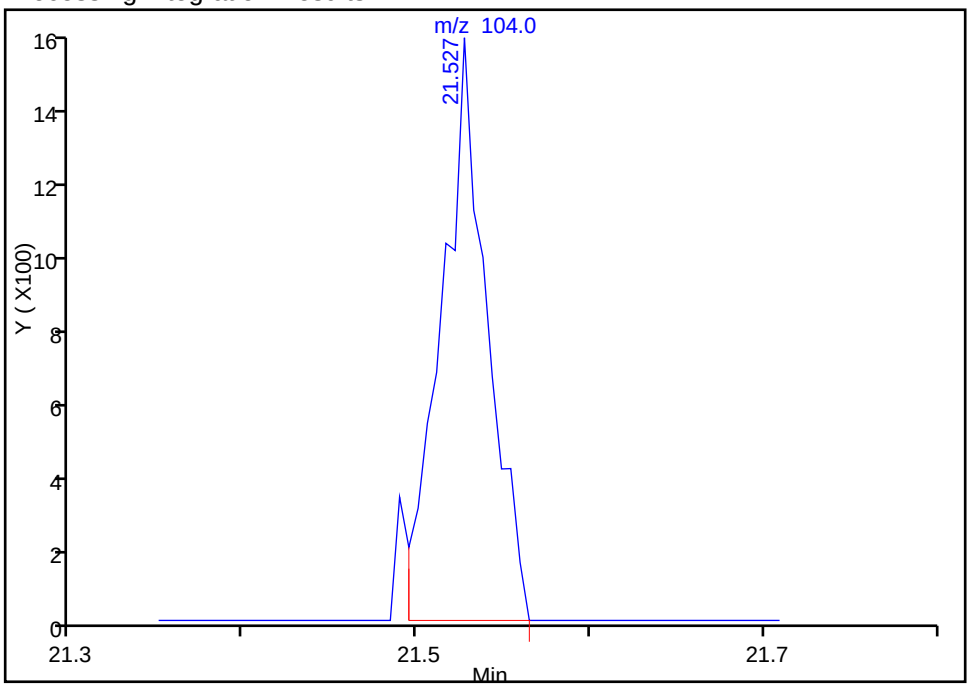
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d				
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 Styrene, CAS: 100-42-5

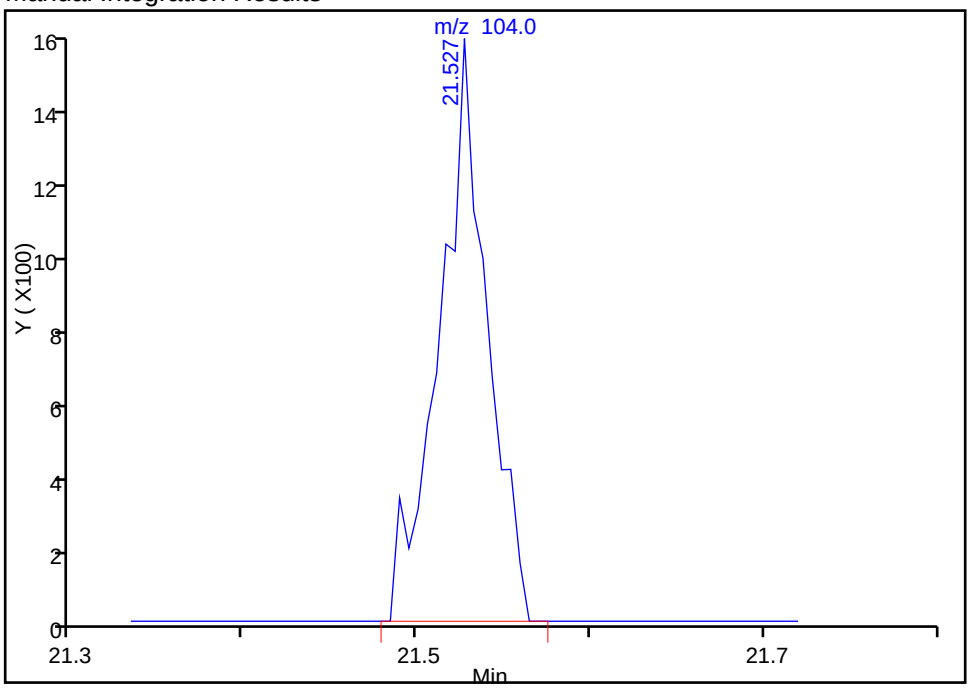
Processing Integration Results

RT: 21.53
Area: 2816
Amount: 0.036924
Amount Units: ppb v/v



Manual Integration Results

RT: 21.53
Area: 2920
Amount: 0.038288
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 09:16:24
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

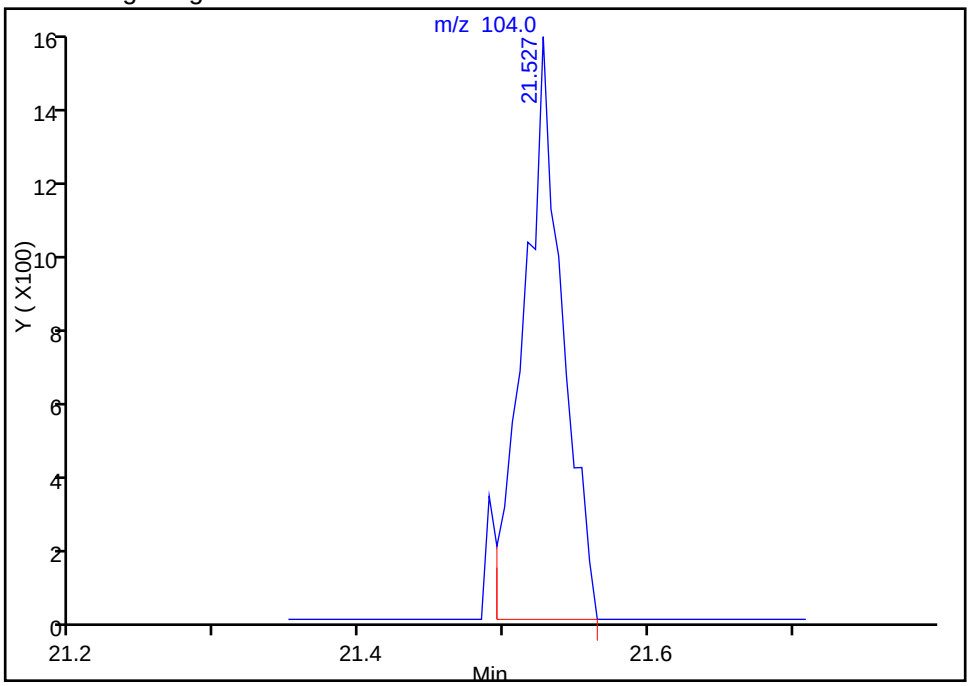
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_009.d				
Injection Date:	30-Jan-2015 08:35:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-5	Lab Sample ID:	200-64806-5		
Client ID:	101VMP0301FA				
Operator ID:	bpl	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	49.7000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 Styrene, CAS: 100-42-5

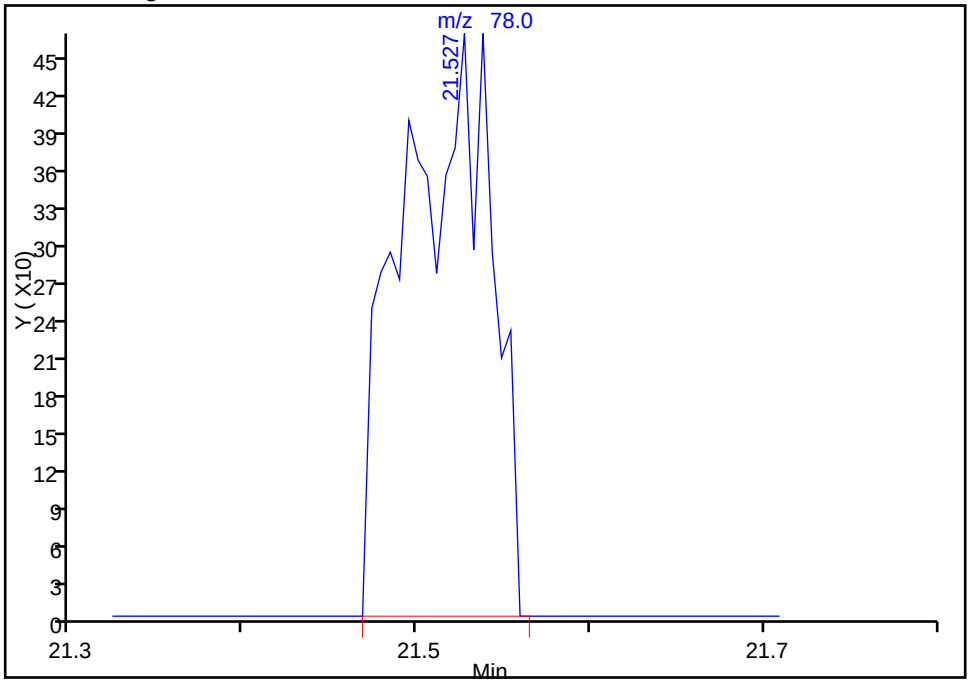
Processing Integration Results

RT: 21.53
Area: 0
Amount: 0.036924
Amount Units: ppb v/v



Manual Integration Results

RT: 21.53
Area: 1663
Amount: 0.038288
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 09:16:24
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FC Lab Sample ID: 280-64806-6

Matrix: Air Lab File ID: 11878_010.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 66(mL) Date Analyzed: 01/30/2015 09:23

Soil Aliquot Vol: Dilution Factor: 3.03

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.62	J D	1.5	0.17
75-45-6	Freon 22	86.47	0.67	J D	1.5	0.24
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.24	U	0.61	0.16
74-87-3	Chloromethane	50.49	0.61	U	1.5	0.18
106-97-8	n-Butane	58.12	0.73	J D	1.5	0.55
75-01-4	Vinyl chloride	62.50	0.091	U	0.61	0.079
106-99-0	1,3-Butadiene	54.09	0.24	U	0.61	0.11
74-83-9	Bromomethane	94.94	0.24	U	0.61	0.13
75-00-3	Chloroethane	64.52	0.24	U	1.5	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.091	U	0.61	0.061
75-69-4	Trichlorofluoromethane	137.37	1.0	D	0.61	0.14
76-13-1	Freon TF	187.38	0.24	U	0.61	0.12
75-35-4	1,1-Dichloroethene	96.94	0.091	U	0.61	0.030
67-64-1	Acetone	58.08	19	D	15	2.1
67-63-0	Isopropyl alcohol	60.10	8.6	J D	15	0.45
75-15-0	Carbon disulfide	76.14	3.5	D	1.5	0.091
107-05-1	3-Chloropropene	76.53	0.61	U	1.5	0.48
75-09-2	Methylene Chloride	84.93	0.45	J D M	1.5	0.36
75-65-0	tert-Butyl alcohol	74.12	0.92	J D	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.091	U	0.61	0.067
156-60-5	trans-1,2-Dichloroethene	96.94	0.091	U	0.61	0.082
110-54-3	n-Hexane	86.17	0.27	J D	0.61	0.085
75-34-3	1,1-Dichloroethane	98.96	0.091	U	0.61	0.085
78-93-3	Methyl Ethyl Ketone	72.11	4.2	D	1.5	0.28
156-59-2	cis-1,2-Dichloroethene	96.94	0.24	U	0.61	0.091
540-59-0	1,2-Dichloroethene, Total	96.94	0.24	U	0.61	0.16
67-66-3	Chloroform	119.38	0.13	J D	0.61	0.12
109-99-9	Tetrahydrofuran	72.11	99	D	15	0.55
71-55-6	1,1,1-Trichloroethane	133.41	0.24	U	0.61	0.091
110-82-7	Cyclohexane	84.16	0.091	U	0.61	0.030
56-23-5	Carbon tetrachloride	153.81	0.16	J D	0.61	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.15	J D	0.61	0.070
71-43-2	Benzene	78.11	2.7	D	0.61	0.088
107-06-2	1,2-Dichloroethane	98.96	0.24	U	0.61	0.16

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FC Lab Sample ID: 280-64806-6

Matrix: Air Lab File ID: 11878_010.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 66(mL) Date Analyzed: 01/30/2015 09:23

Soil Aliquot Vol: Dilution Factor: 3.03

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.47	J D M	0.61	0.11
79-01-6	Trichloroethene	131.39	16	D	0.61	0.091
80-62-6	Methyl methacrylate	100.12	0.61	U	1.5	0.29
78-87-5	1,2-Dichloropropane	112.99	0.24	U	0.61	0.11
123-91-1	1,4-Dioxane	88.11	0.61	U	15	0.48
75-27-4	Bromodichloromethane	163.83	0.091	U	0.61	0.088
10061-01-5	cis-1,3-Dichloropropene	110.97	0.091	U	0.61	0.088
108-10-1	methyl isobutyl ketone	100.16	0.61	U	1.5	0.55
108-88-3	Toluene	92.14	58	D	0.61	0.076
10061-02-6	trans-1,3-Dichloropropene	110.97	0.091	U	0.61	0.079
79-00-5	1,1,2-Trichloroethane	133.41	0.24	U	0.61	0.11
127-18-4	Tetrachloroethene	165.83	0.52	J D	0.61	0.091
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.61	U	1.5	0.52
124-48-1	Dibromochloromethane	208.29	0.091	U	0.61	0.061
106-93-4	1,2-Dibromoethane	187.87	0.091	U	0.61	0.055
108-90-7	Chlorobenzene	112.56	0.091	U	0.61	0.055
100-41-4	Ethylbenzene	106.17	38	D	0.61	0.061
179601-23-1	m,p-Xylene	106.17	130	D	1.5	0.076
95-47-6	Xylene, o-	106.17	28	D	0.61	0.055
1330-20-7	Xylene (total)	106.17	160		0.61	0.12
100-42-5	Styrene	104.15	0.091	U	0.61	0.048
75-25-2	Bromoform	252.75	0.091	U	0.61	0.076
98-82-8	Cumene	120.19	0.27	J D M	0.61	0.058
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.24	U	0.61	0.10
103-65-1	n-Propylbenzene	120.19	0.091	U	0.61	0.082
622-96-8	4-Ethyltoluene	120.20	0.27	J D	0.61	0.061
108-67-8	1,3,5-Trimethylbenzene	120.20	0.30	J D	0.61	0.058
95-49-8	2-Chlorotoluene	126.59	0.24	U	0.61	0.094
98-06-6	tert-Butylbenzene	134.22	0.091	U	0.61	0.061
95-63-6	1,2,4-Trimethylbenzene	120.20	0.55	J D	0.61	0.048
135-98-8	sec-Butylbenzene	134.22	0.091	U	0.61	0.064
99-87-6	4-Isopropyltoluene	134.22	0.091	U	0.61	0.061
541-73-1	1,3-Dichlorobenzene	147.00	0.091	U	0.61	0.061
106-46-7	1,4-Dichlorobenzene	147.00	0.091	U	0.61	0.058

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FC Lab Sample ID: 280-64806-6

Matrix: Air Lab File ID: 11878_010.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 66(mL) Date Analyzed: 01/30/2015 09:23

Soil Aliquot Vol: Dilution Factor: 3.03

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.091	U	0.61	0.055
104-51-8	n-Butylbenzene	134.22	0.091	U	0.61	0.085
95-50-1	1,2-Dichlorobenzene	147.00	0.091	U	0.61	0.055
120-82-1	1,2,4-Trichlorobenzene	181.45	0.24	U	1.5	0.10
87-68-3	Hexachlorobutadiene	260.76	0.24	U	0.61	0.11
91-20-3	Naphthalene	128.17	0.24	U	1.5	0.091

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FC Lab Sample ID: 280-64806-6

Matrix: Air Lab File ID: 11878_010.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 66(mL) Date Analyzed: 01/30/2015 09:23

Soil Aliquot Vol: Dilution Factor: 3.03

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.1	J D	7.5	0.84
75-45-6	Freon 22	86.47	2.4	J D	5.4	0.86
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.7	U	4.2	1.1
74-87-3	Chloromethane	50.49	1.3	U	3.1	0.38
106-97-8	n-Butane	58.12	1.7	J D	3.6	1.3
75-01-4	Vinyl chloride	62.50	0.23	U	1.5	0.20
106-99-0	1,3-Butadiene	54.09	0.54	U	1.3	0.24
74-83-9	Bromomethane	94.94	0.94	U	2.4	0.52
75-00-3	Chloroethane	64.52	0.64	U	4.0	0.49
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.40	U	2.7	0.27
75-69-4	Trichlorofluoromethane	137.37	5.9	D	3.4	0.77
76-13-1	Freon TF	187.38	1.9	U	4.6	0.95
75-35-4	1,1-Dichloroethene	96.94	0.36	U	2.4	0.12
67-64-1	Acetone	58.08	45	D	36	5.0
67-63-0	Isopropyl alcohol	60.10	21	J D	37	1.1
75-15-0	Carbon disulfide	76.14	11	D	4.7	0.28
107-05-1	3-Chloropropene	76.53	1.9	U	4.7	1.5
75-09-2	Methylene Chloride	84.93	1.5	J D M	5.3	1.3
75-65-0	tert-Butyl alcohol	74.12	2.8	J D	46	1.1
1634-04-4	Methyl tert-butyl ether	88.15	0.33	U	2.2	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.36	U	2.4	0.32
110-54-3	n-Hexane	86.17	0.94	J D	2.1	0.30
75-34-3	1,1-Dichloroethane	98.96	0.37	U	2.5	0.34
78-93-3	Methyl Ethyl Ketone	72.11	13	D	4.5	0.82
156-59-2	cis-1,2-Dichloroethene	96.94	0.96	U	2.4	0.36
540-59-0	1,2-Dichloroethene, Total	96.94	0.96	U	2.4	0.64
67-66-3	Chloroform	119.38	0.63	J D	3.0	0.56
109-99-9	Tetrahydrofuran	72.11	290	D	45	1.6
71-55-6	1,1,1-Trichloroethane	133.41	1.3	U	3.3	0.50
110-82-7	Cyclohexane	84.16	0.31	U	2.1	0.10
56-23-5	Carbon tetrachloride	153.81	1.0	J D	3.8	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.69	J D	2.8	0.33
71-43-2	Benzene	78.11	8.6	D	1.9	0.28
107-06-2	1,2-Dichloroethane	98.96	0.98	U	2.5	0.64

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FC Lab Sample ID: 280-64806-6

Matrix: Air Lab File ID: 11878_010.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 66(mL) Date Analyzed: 01/30/2015 09:23

Soil Aliquot Vol: Dilution Factor: 3.03

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.9	J D M	2.5	0.46
79-01-6	Trichloroethene	131.39	87	D	3.3	0.49
80-62-6	Methyl methacrylate	100.12	2.5	U	6.2	1.2
78-87-5	1,2-Dichloropropane	112.99	1.1	U	2.8	0.49
123-91-1	1,4-Dioxane	88.11	2.2	U	55	1.7
75-27-4	Bromodichloromethane	163.83	0.61	U	4.1	0.59
10061-01-5	cis-1,3-Dichloropropene	110.97	0.41	U	2.8	0.40
108-10-1	methyl isobutyl ketone	100.16	2.5	U	6.2	2.2
108-88-3	Toluene	92.14	220	D	2.3	0.29
10061-02-6	trans-1,3-Dichloropropene	110.97	0.41	U	2.8	0.36
79-00-5	1,1,2-Trichloroethane	133.41	1.3	U	3.3	0.61
127-18-4	Tetrachloroethene	165.83	3.5	J D	4.1	0.62
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.5	U	6.2	2.1
124-48-1	Dibromochloromethane	208.29	0.77	U	5.2	0.52
106-93-4	1,2-Dibromoethane	187.87	0.70	U	4.7	0.42
108-90-7	Chlorobenzene	112.56	0.42	U	2.8	0.25
100-41-4	Ethylbenzene	106.17	170	D	2.6	0.26
179601-23-1	m,p-Xylene	106.17	560	D	6.6	0.33
95-47-6	Xylene, o-	106.17	120	D	2.6	0.24
1330-20-7	Xylene (total)	106.17	690		2.6	0.54
100-42-5	Styrene	104.15	0.39	U	2.6	0.21
75-25-2	Bromoform	252.75	0.94	U	6.3	0.78
98-82-8	Cumene	120.19	1.3	J D M	3.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.7	U	4.2	0.71
103-65-1	n-Propylbenzene	120.19	0.45	U	3.0	0.40
622-96-8	4-Ethyltoluene	120.20	1.3	J D	3.0	0.30
108-67-8	1,3,5-Trimethylbenzene	120.20	1.5	J D	3.0	0.28
95-49-8	2-Chlorotoluene	126.59	1.3	U	3.1	0.49
98-06-6	tert-Butylbenzene	134.22	0.50	U	3.3	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	2.7	J D	3.0	0.24
135-98-8	sec-Butylbenzene	134.22	0.50	U	3.3	0.35
99-87-6	4-Isopropyltoluene	134.22	0.50	U	3.3	0.33
541-73-1	1,3-Dichlorobenzene	147.00	0.55	U	3.6	0.36
106-46-7	1,4-Dichlorobenzene	147.00	0.55	U	3.6	0.35

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101VMP0201FC Lab Sample ID: 280-64806-6

Matrix: Air Lab File ID: 11878_010.d

Analysis Method: TO-15 Date Collected: 01/21/2015 11:35

Sample wt/vol: 66(mL) Date Analyzed: 01/30/2015 09:23

Soil Aliquot Vol: Dilution Factor: 3.03

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.47	U	3.1	0.28
104-51-8	n-Butylbenzene	134.22	0.50	U	3.3	0.47
95-50-1	1,2-Dichlorobenzene	147.00	0.55	U	3.6	0.33
120-82-1	1,2,4-Trichlorobenzene	181.45	1.8	U	11	0.76
87-68-3	Hexachlorobutadiene	260.76	2.6	U	6.5	1.2
91-20-3	Naphthalene	128.17	1.3	U	7.9	0.48

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d
Lims ID: 280-64806-A-6 Lab Sample ID: 200-64806-6
Client ID: 101VMP0201FC
Sample Type: Client
Inject. Date: 30-Jan-2015 09:23:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 3.0300
Sample Info: 200-0011878-010
Misc. Info.: 280-64806-a-6
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 11:21:51 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 30-Jan-2015 10:11:18

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	2 Dichlorodifluoromethane	85	4.483	4.478	0.005	98	10630	0.2062	
	3 Chlorodifluoromethane	51	4.542	4.547	-0.005	60	5511	0.2215	
	4 1,2-Dichloro-1,1,2,2-tetra	85		4.836				ND	
	5 Chloromethane	50		5.023				ND	
	6 Butane	43	5.291	5.291	0.000	76	5969	0.2419	7
	7 Vinyl chloride	62		5.344				ND	
	8 Butadiene	54		5.446				ND	
	9 Bromomethane	94		6.307				ND	
	11 Chloroethane	64		6.596				ND	
	13 Vinyl bromide	106		7.072				ND	
	14 Trichlorofluoromethane	101	7.179	7.185	-0.006	98	17203	0.3452	
	20 1,1,2-Trichloro-1,2,2-trif	101	8.420	8.431	-0.011	53	1554	0.0365	
	21 1,1-Dichloroethene	96		8.501				ND	
	22 Acetone	43	8.720	8.752	-0.032	91	136031	6.20	
	23 Carbon disulfide	76	8.971	8.987	-0.016	97	59829	1.15	
	24 Isopropyl alcohol	45	9.068	9.078	-0.010	96	45785	2.84	
	25 3-Chloro-1-propene	41		9.383				ND	
	27 Methylene Chloride	49	9.704	9.715	-0.011	80	2503	0.1472	M
	28 2-Methyl-2-propanol	59	9.945	9.950	-0.005	81	7422	0.3042	7
	29 Methyl tert-butyl ether	73		10.164				ND	
S	30 1,2-Dichloroethene, Total	61		10.200				ND	
	31 trans-1,2-Dichloroethene	61		10.207				ND	
	33 Hexane	57	10.614	10.624	-0.010	78	2219	0.0879	
	34 1,1-Dichloroethane	63		11.170				ND	
	37 cis-1,2-Dichloroethene	96		12.342				ND	
	38 2-Butanone (MEK)	72	12.342	12.363	-0.021	97	15307	1.40	
*	40 Chlorobromomethane	128	12.802	12.823	-0.021	78	186286	10.0	
	41 Tetrahydrofuran	42	12.807	12.839	-0.032	87	491204	32.7	
	42 Chloroform	83	12.914	12.936	-0.022	17	1633	0.0429	
	43 Cyclohexane	84		13.230				ND	
	44 1,1,1-Trichloroethane	97		13.240				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Carbon tetrachloride	117	13.481	13.497	-0.016	89	2102	0.0539	
46 Isooctane	57	13.872	13.888	-0.016	48	3729	0.0490	
47 Benzene	78	13.925	13.947	-0.022	93	52084	0.8835	
48 1,2-Dichloroethane	62		14.107				ND	
49 n-Heptane	43	14.235	14.241	-0.006	1	3738	0.1555	M
* 50 1,4-Difluorobenzene	114	14.690	14.701	-0.011	92	787551	10.0	
53 Trichloroethene	95	15.156	15.172	-0.016	93	142212	5.33	
54 1,2-Dichloropropane	63		15.685				ND	
55 Methyl methacrylate	69		15.771				ND	
56 1,4-Dioxane	88		15.872				ND	
58 Dichlorobromomethane	83		16.177				ND	
60 cis-1,3-Dichloropropene	75		17.039				ND	
61 4-Methyl-2-pentanone (MIBK	43	17.263	17.274	-0.011	92	5526	0.1764	
64 Toluene	92	17.595	17.606	-0.011	93	931792	19.2	
66 trans-1,3-Dichloropropene	75		18.141				ND	
67 1,1,2-Trichloroethane	83		18.505				ND	
68 Tetrachloroethene	166	18.638	18.649	-0.011	93	8615	0.1704	
69 2-Hexanone	43		18.900				ND	
71 Chlorodibromomethane	129		19.264				ND	
72 Ethylene Dibromide	107		19.548				ND	
S 73 Xylenes, Total	106				0		52.0	
* 74 Chlorobenzene-d5	117	20.388	20.393	-0.005	81	752681	10.0	
75 Chlorobenzene	112		20.446				ND	
76 Ethylbenzene	91	20.553	20.559	-0.006	96	1273545	12.6	
78 m-Xylene & p-Xylene	106	20.773	20.778	-0.005	97	1946882	42.7	
79 o-Xylene	106	21.490	21.495	-0.005	97	412618	9.33	
80 Styrene	104		21.532				ND	
81 Bromoform	173		21.918				ND	
82 Isopropylbenzene	105	22.057	22.062	-0.005	1	10850	0.0896	M
$ 83 4-Bromofluorobenzene	95	22.394	22.399	-0.005	98	508387	NC	
84 1,1,2,2-Tetrachloroethane	83		22.624				ND	
85 N-Propylbenzene	91		22.699				ND	
88 4-Ethyltoluene	105	22.859	22.865	-0.006	97	10874	0.0877	
89 2-Chlorotoluene	91		22.902				ND	
90 1,3,5-Trimethylbenzene	105	22.955	22.956	-0.001	95	10169	0.0996	
92 tert-Butylbenzene	119		23.432				ND	
93 1,2,4-Trimethylbenzene	105	23.517	23.523	-0.006	95	18483	0.1819	
94 sec-Butylbenzene	105		23.758				ND	
95 4-Isopropyltoluene	119		23.961				ND	
96 1,3-Dichlorobenzene	146		24.036				ND	
97 1,4-Dichlorobenzene	146		24.181				ND	
98 Benzyl chloride	91		24.384				ND	
100 n-Butylbenzene	91		24.598				ND	
101 1,2-Dichlorobenzene	146		24.785				ND	
103 1,2,4-Trichlorobenzene	180		27.663				ND	
104 Hexachlorobutadiene	225		27.861				ND	
105 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

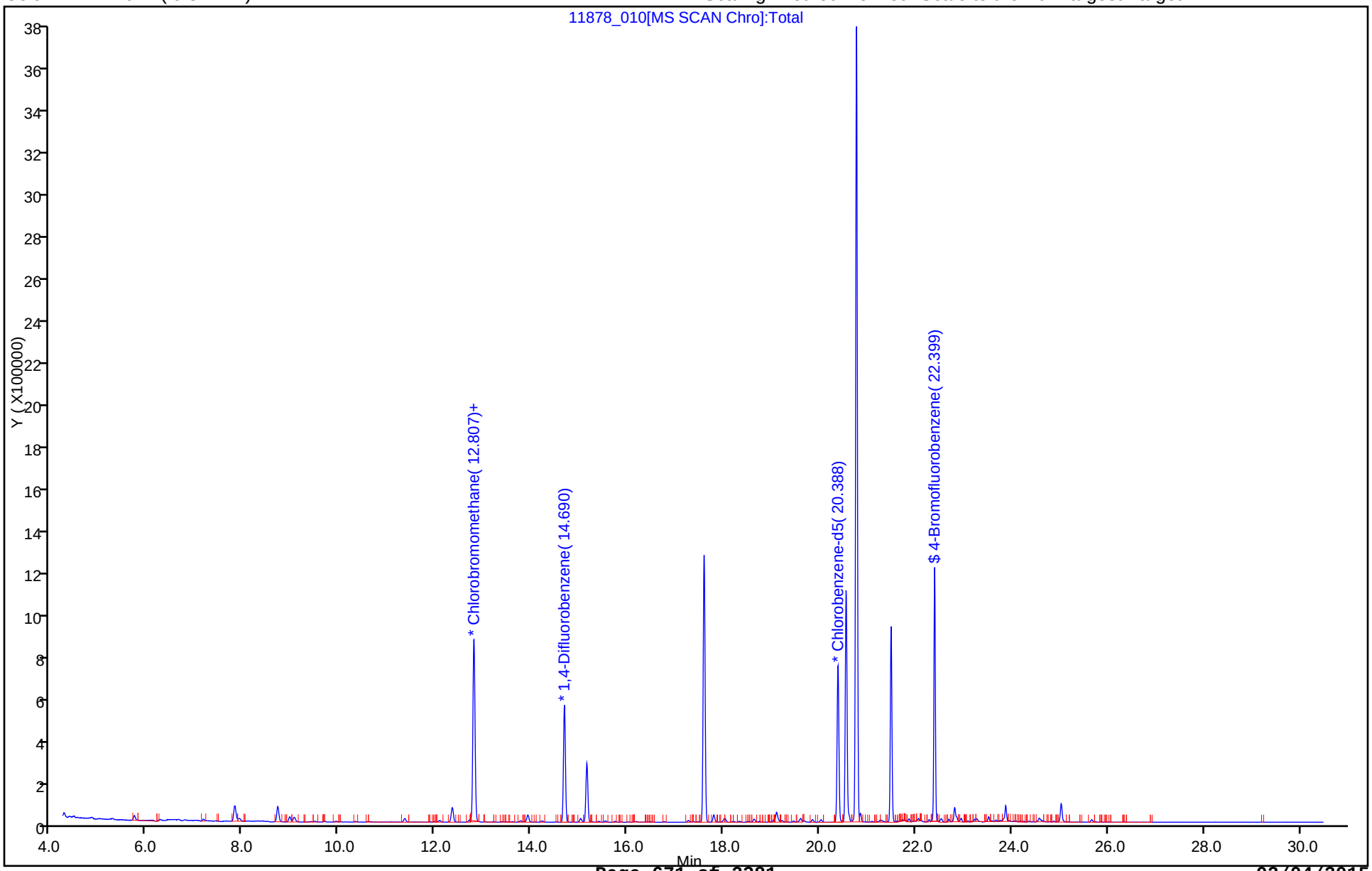
Report Date: 30-Jan-2015 11:21:51 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6	Worklist Smp#:	10
Client ID:	101VMP0201FC				
Purge Vol:	200.000 mL	Dil. Factor:	3.0300	ALS Bottle#:	9
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



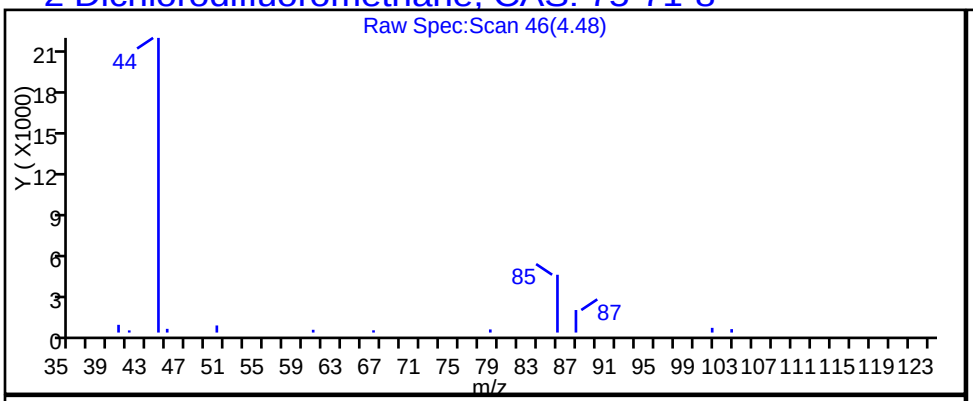
Report Date: 30-Jan-2015 11:21:51 Chrom Revision: 2.2 15-Jan-2015 13:05:58

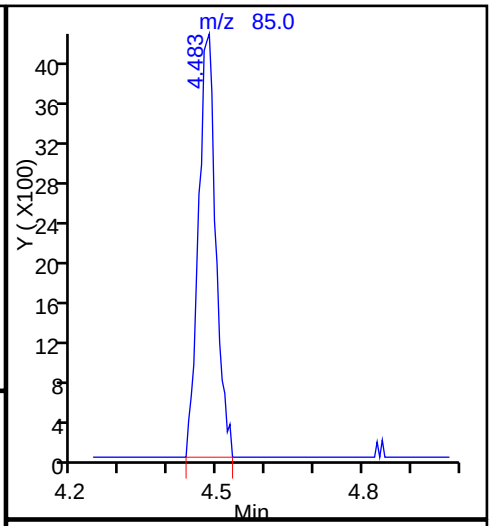
TestAmerica Burlington

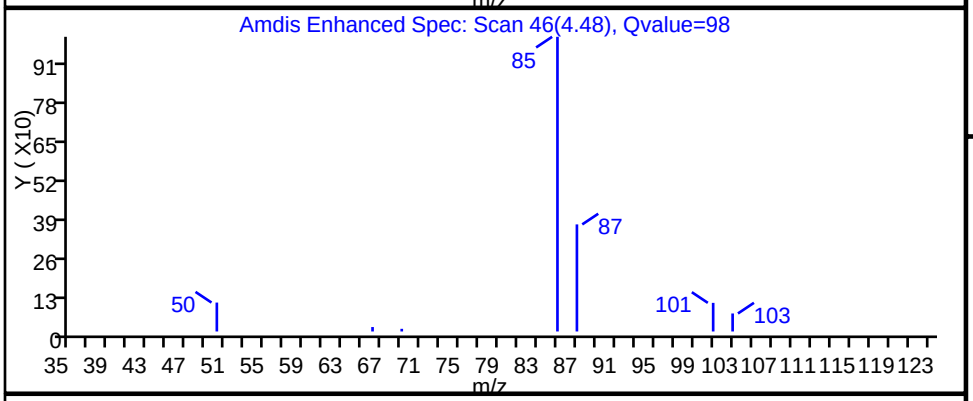
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

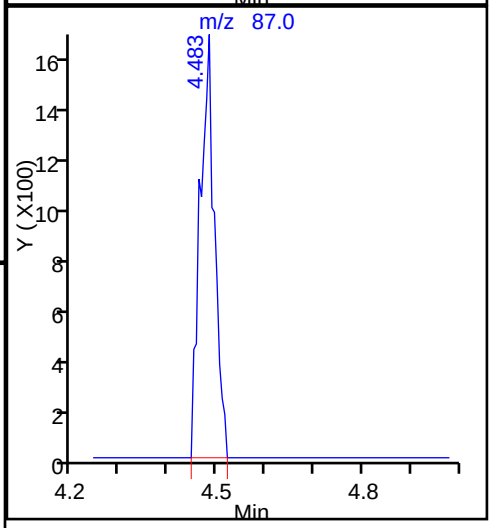
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

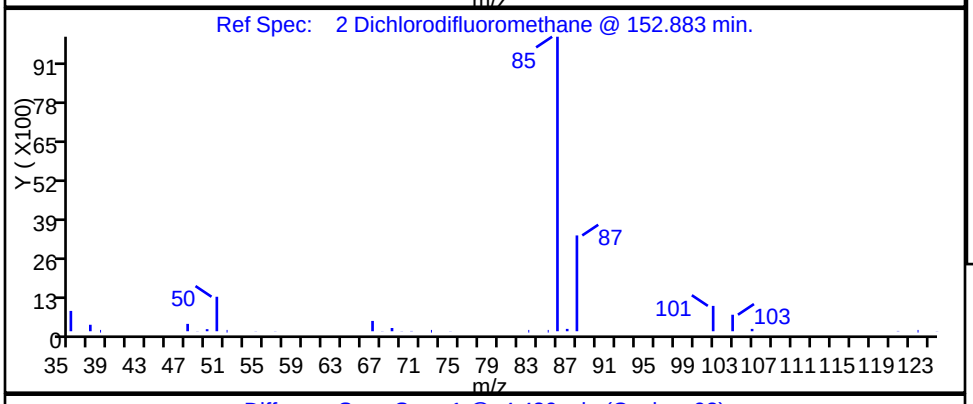
2 Dichlorodifluoromethane, CAS: 75-71-8

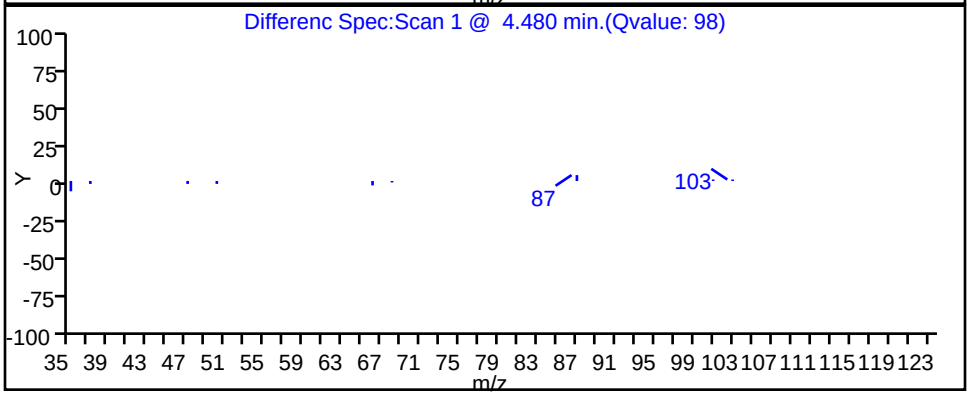












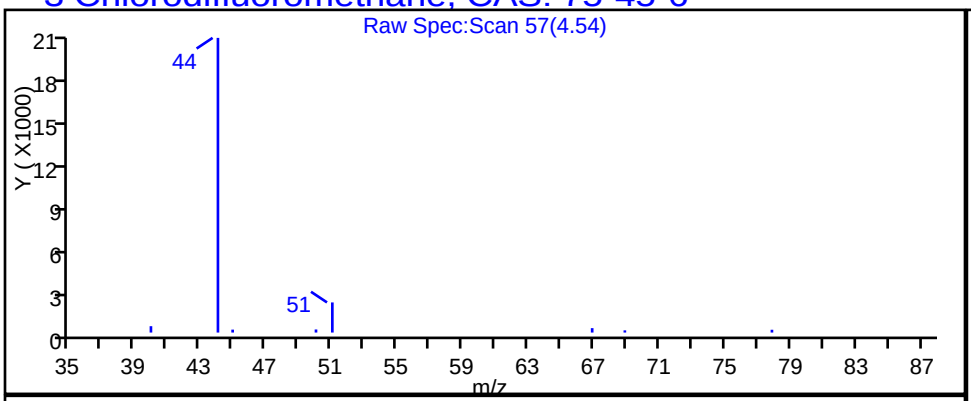
Report Date: 30-Jan-2015 11:21:51 Chrom Revision: 2.2 15-Jan-2015 13:05:58

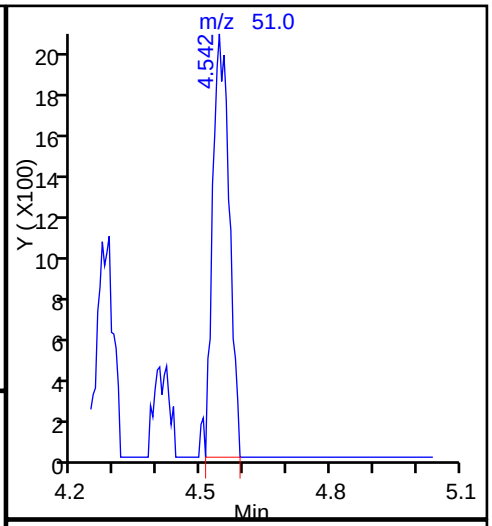
TestAmerica Burlington

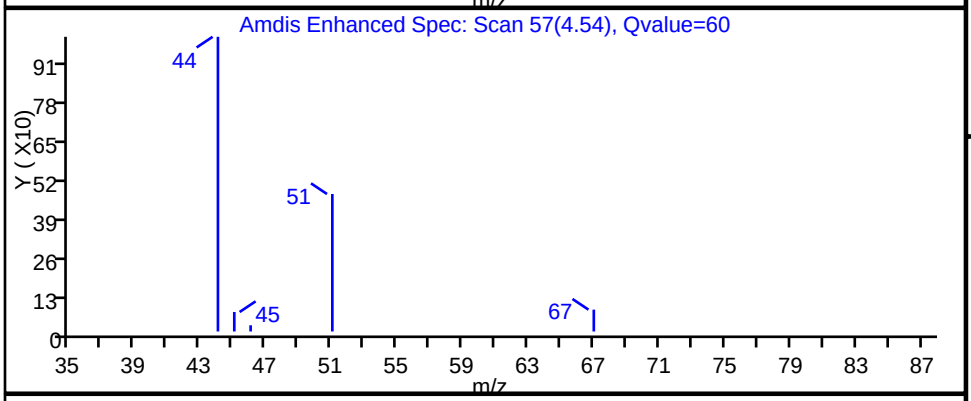
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

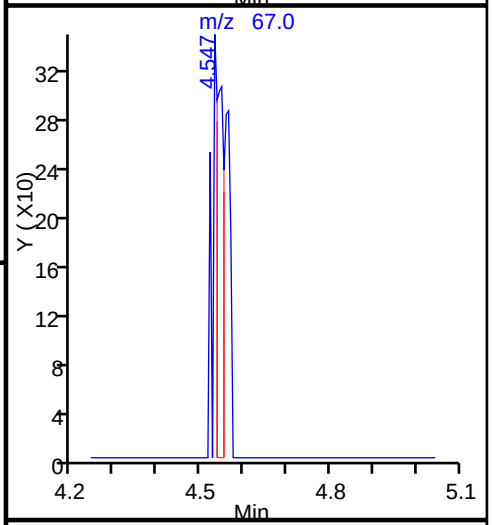
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

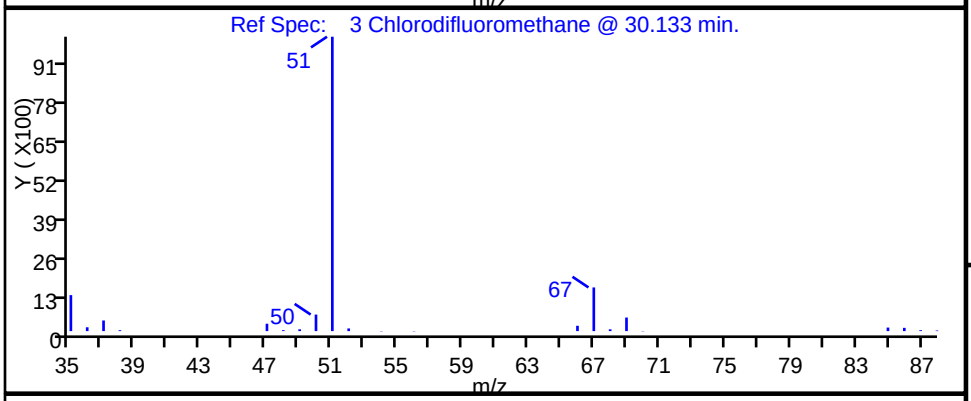
3 Chlorodifluoromethane, CAS: 75-45-6

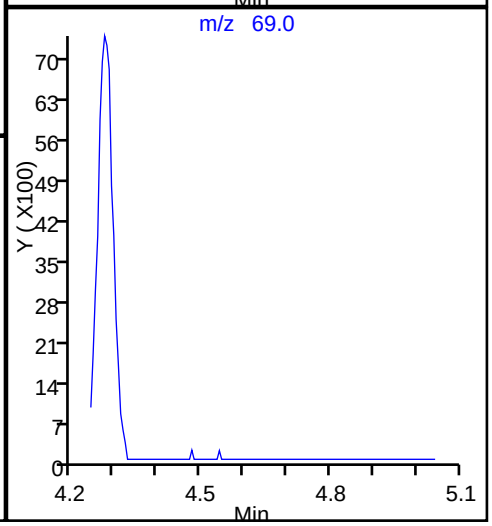


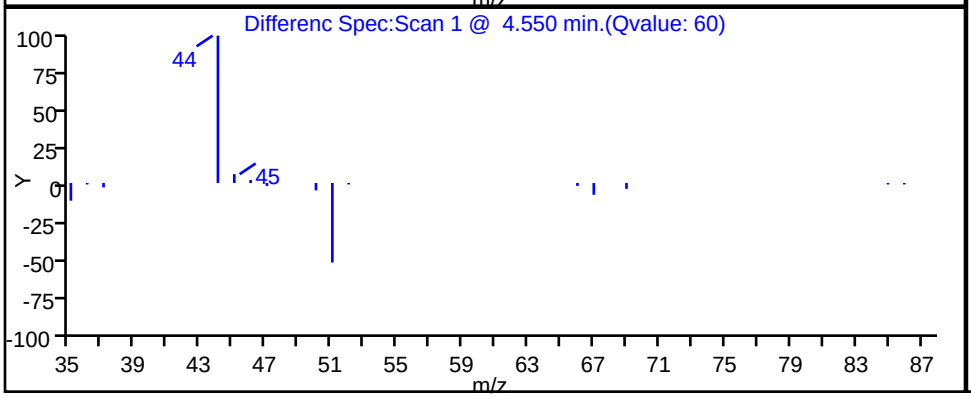










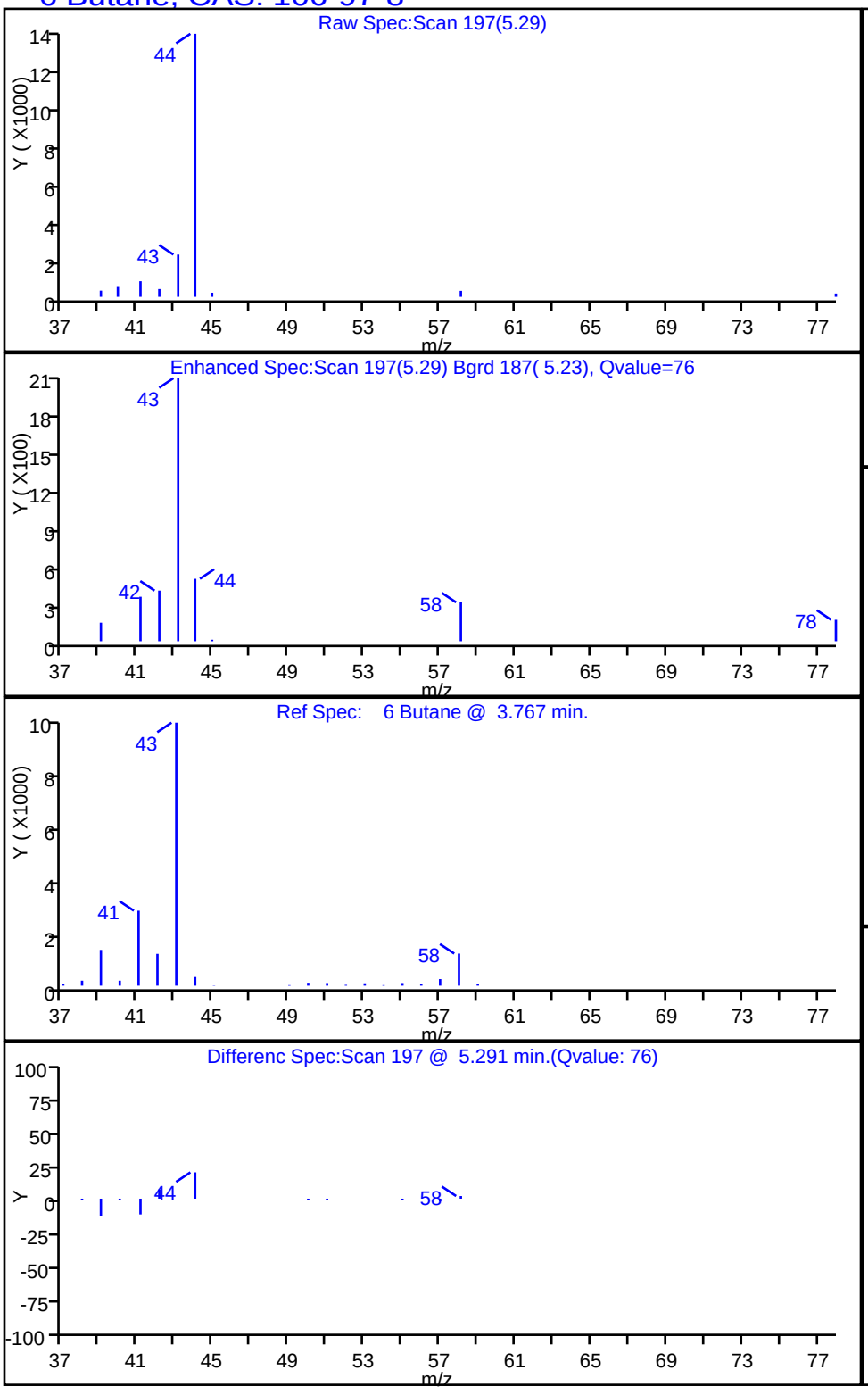


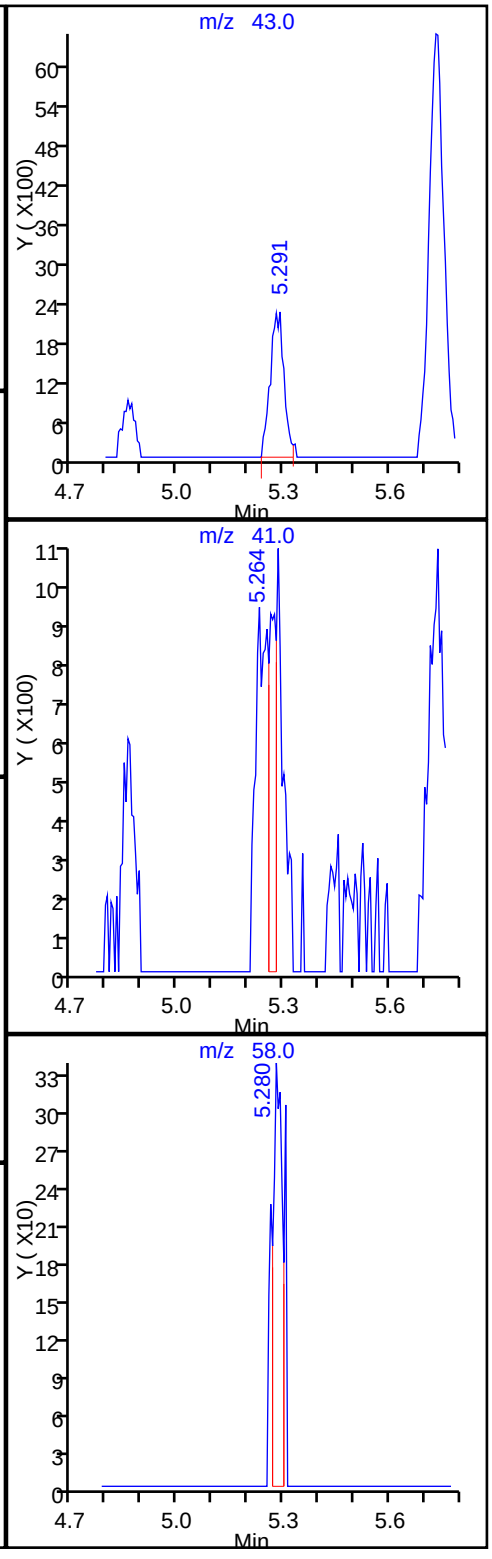
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8





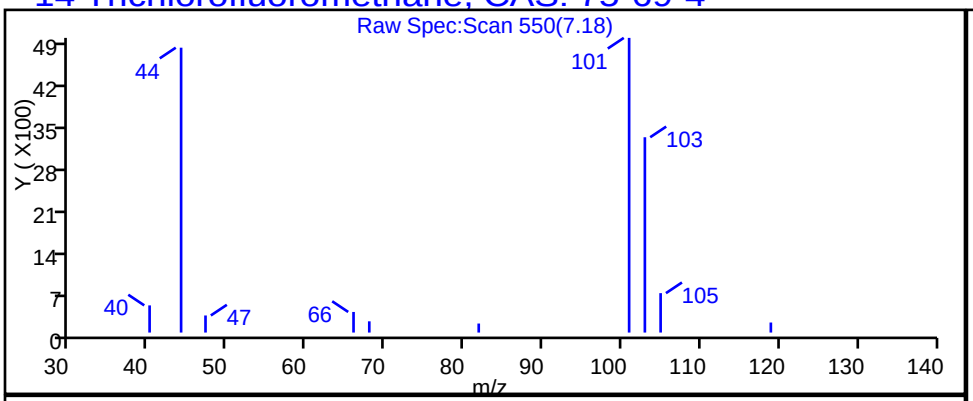
Report Date: 30-Jan-2015 11:21:51 Chrom Revision: 2.2 15-Jan-2015 13:05:58

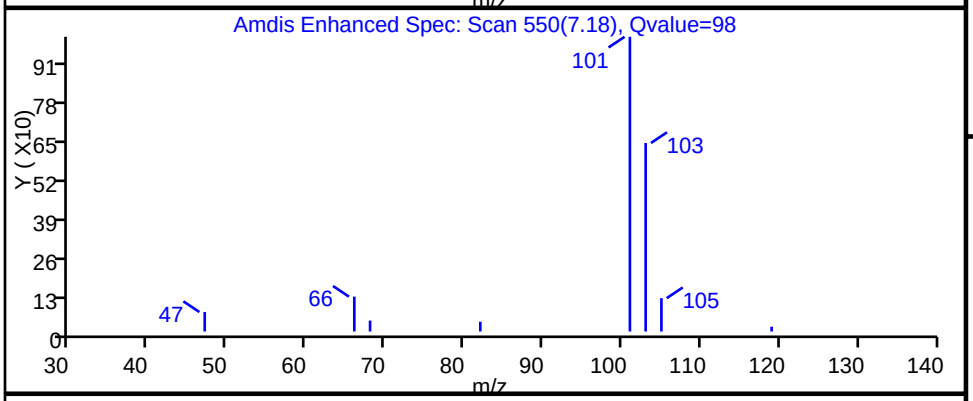
TestAmerica Burlington

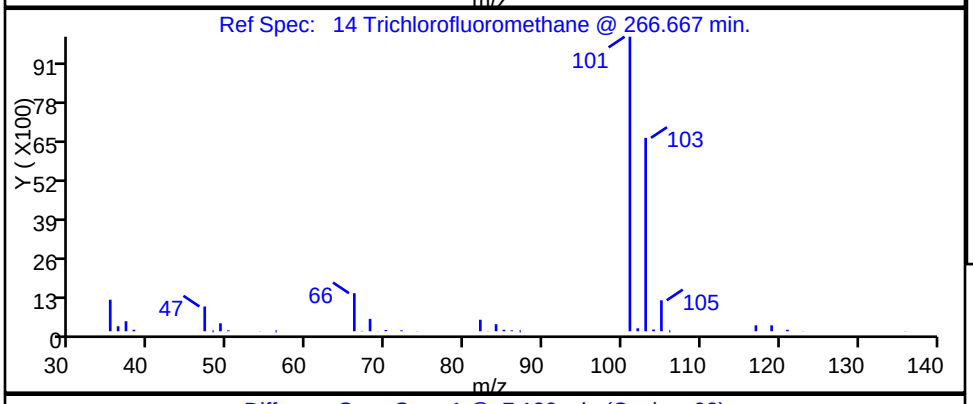
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

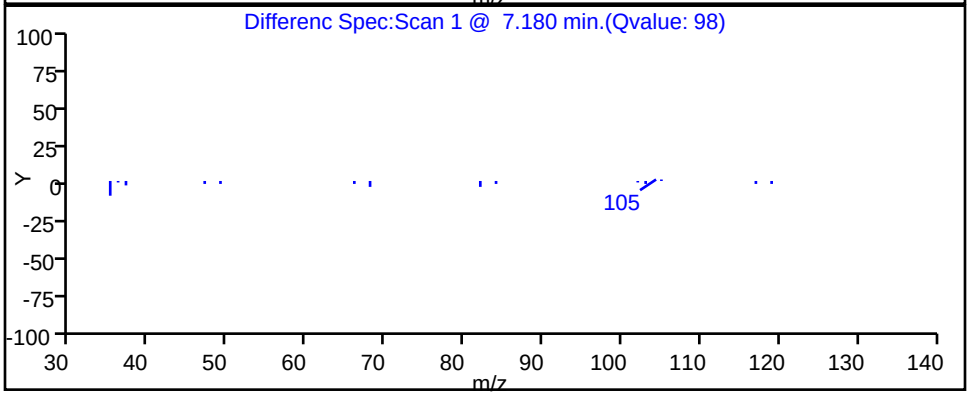
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

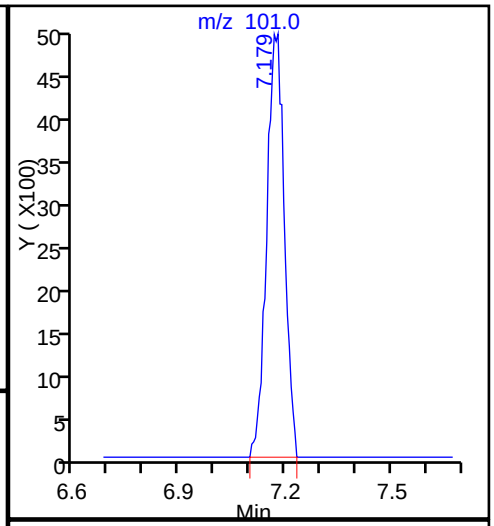
14 Trichlorofluoromethane, CAS: 75-69-4

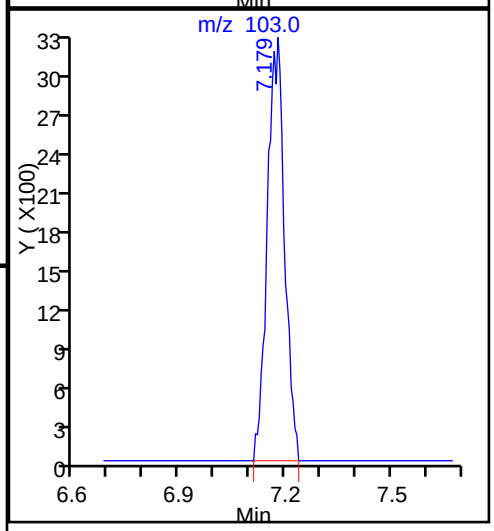












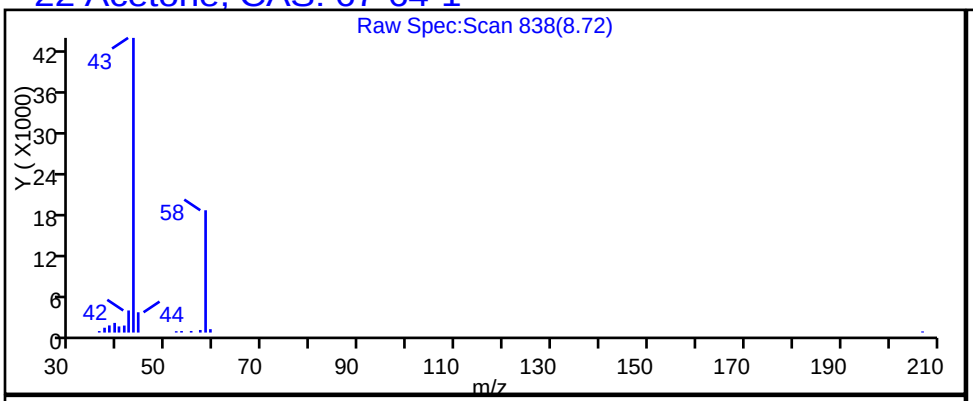
Report Date: 30-Jan-2015 11:21:51 Chrom Revision: 2.2 15-Jan-2015 13:05:58

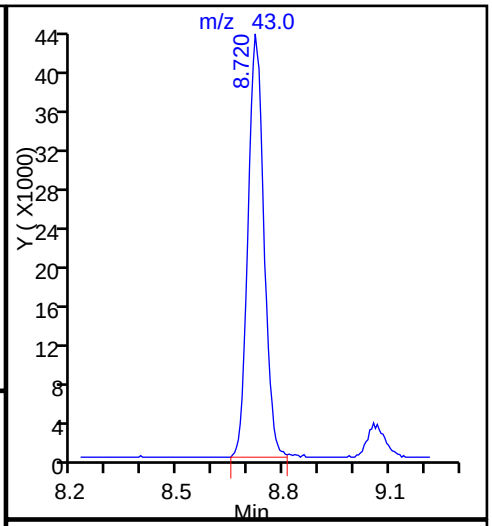
TestAmerica Burlington

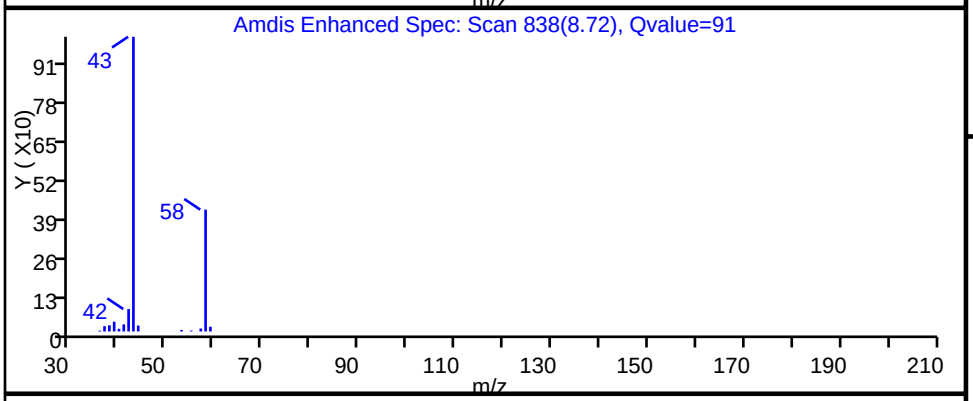
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

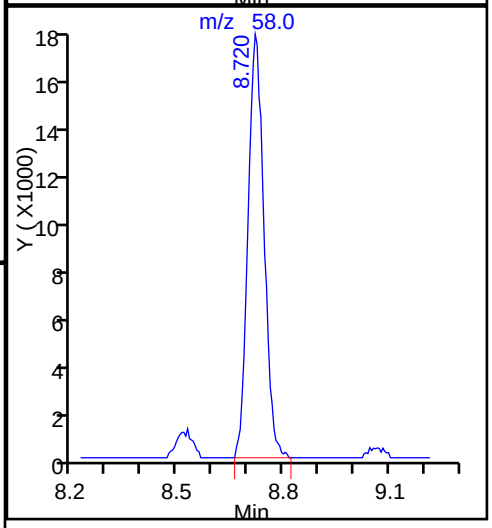
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6
Client ID:	101VMP0201FC		
Operator ID:	bpl	ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

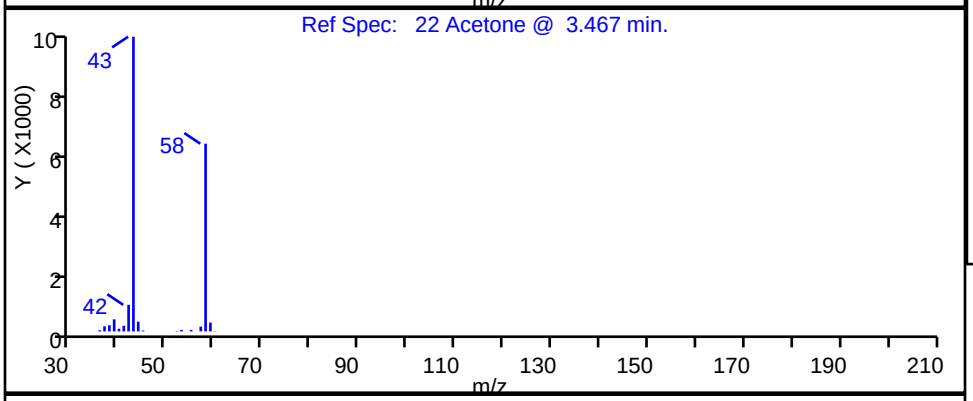
22 Acetone, CAS: 67-64-1

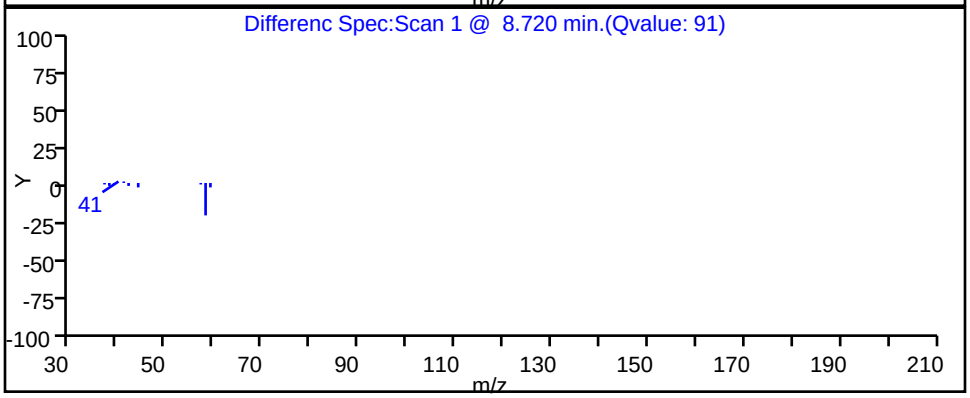












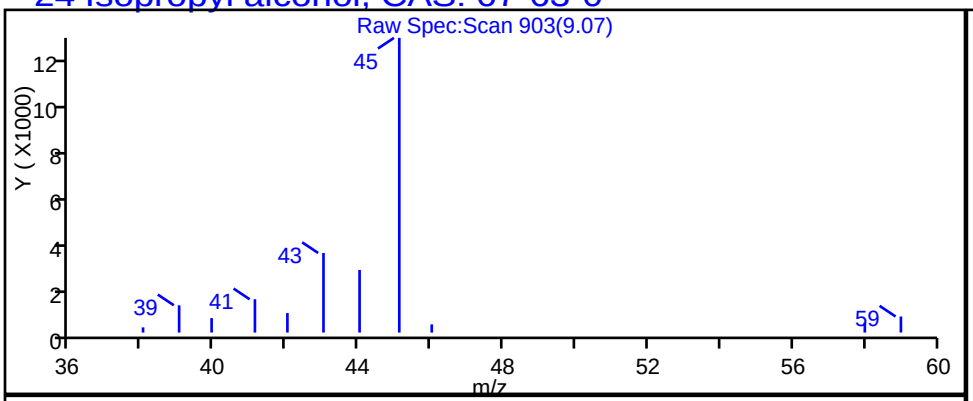
Report Date: 30-Jan-2015 11:21:51 Chrom Revision: 2.2 15-Jan-2015 13:05:58

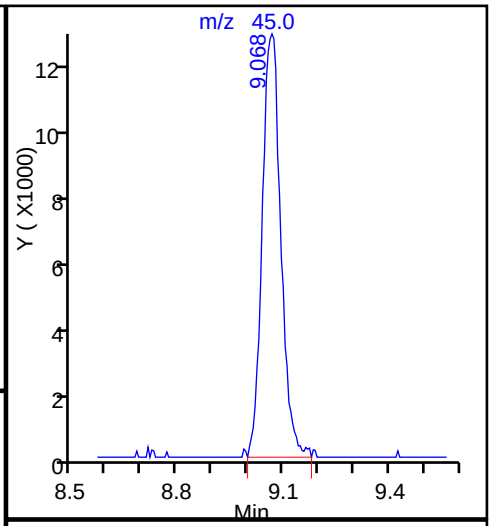
TestAmerica Burlington

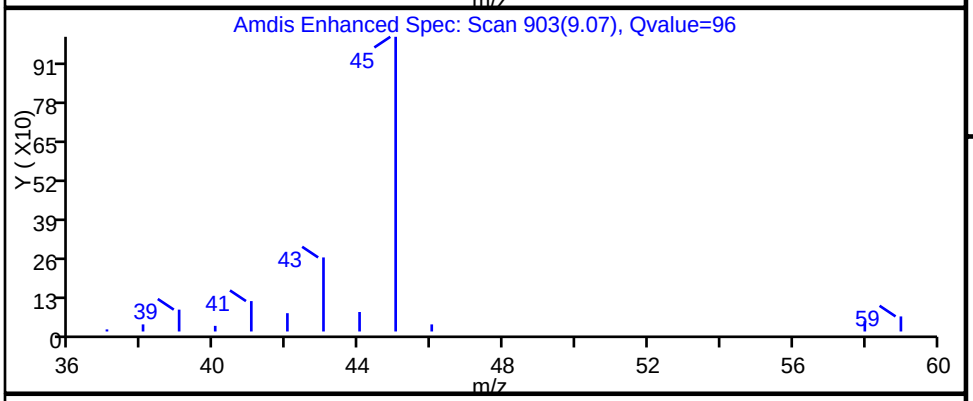
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

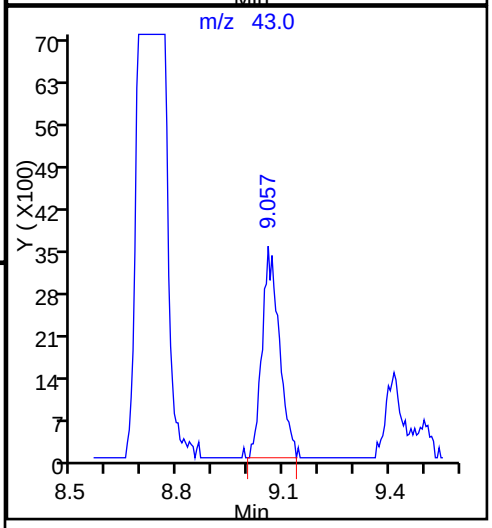
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

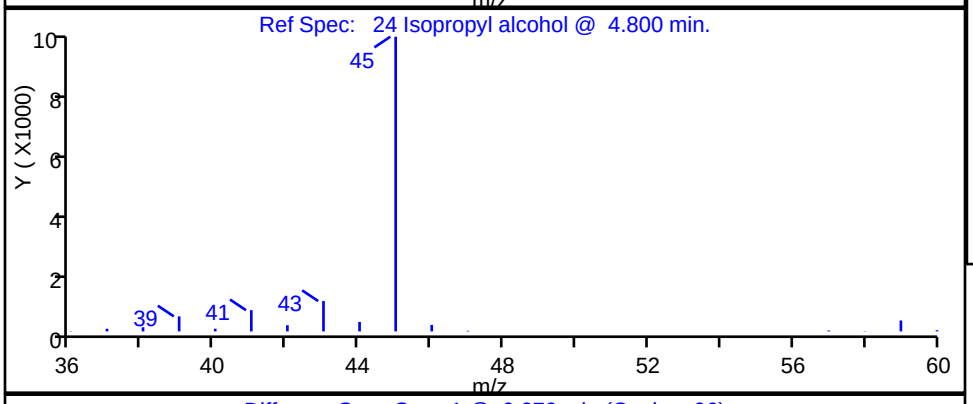
24 Isopropyl alcohol, CAS: 67-63-0

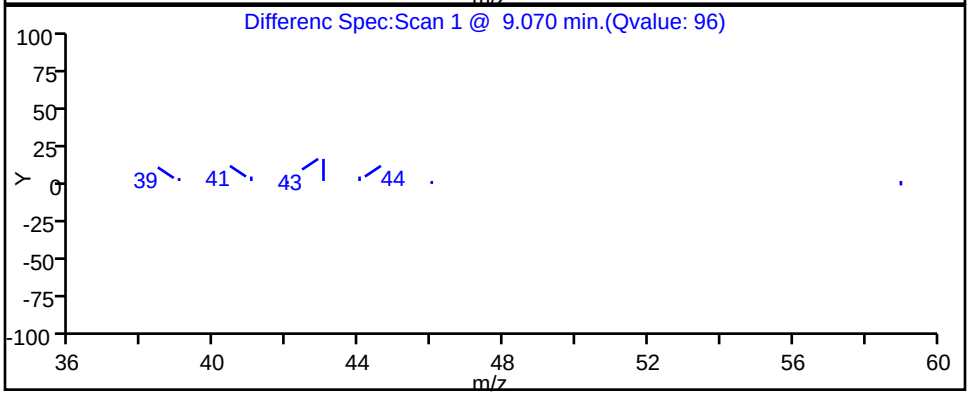








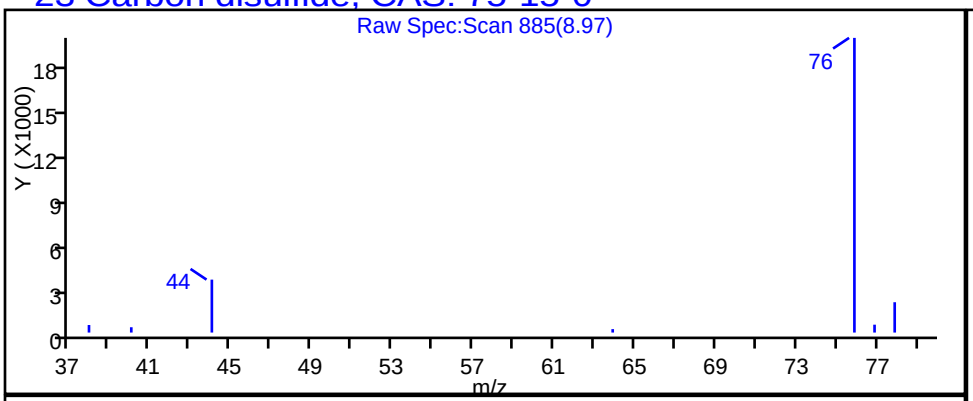


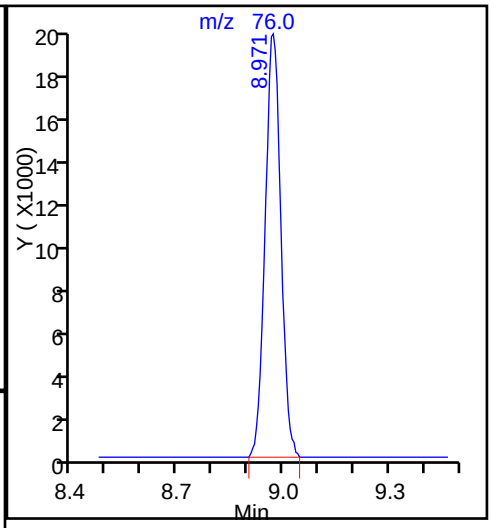


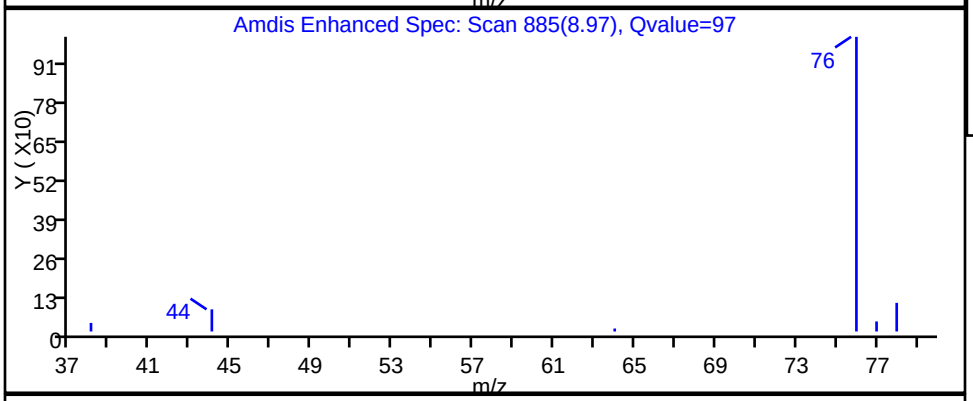
TestAmerica Burlington

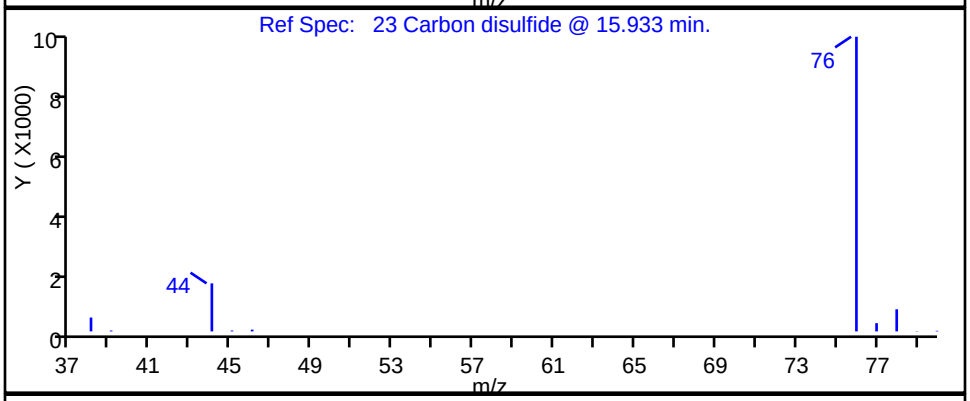
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

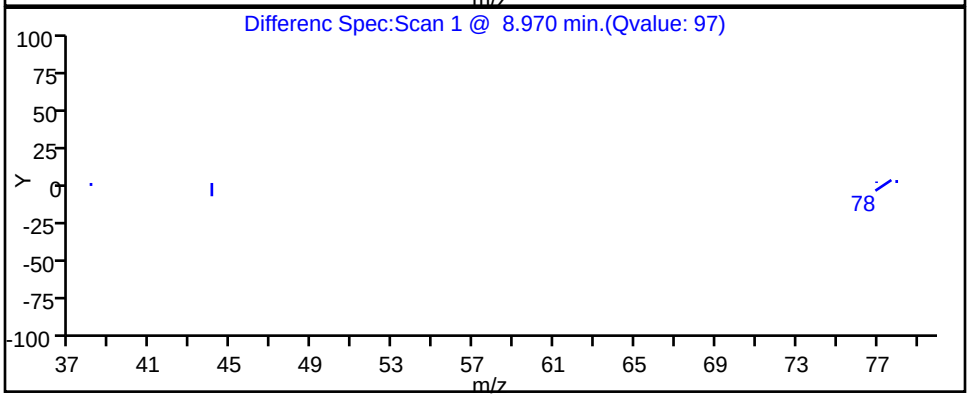
23 Carbon disulfide, CAS: 75-15-0







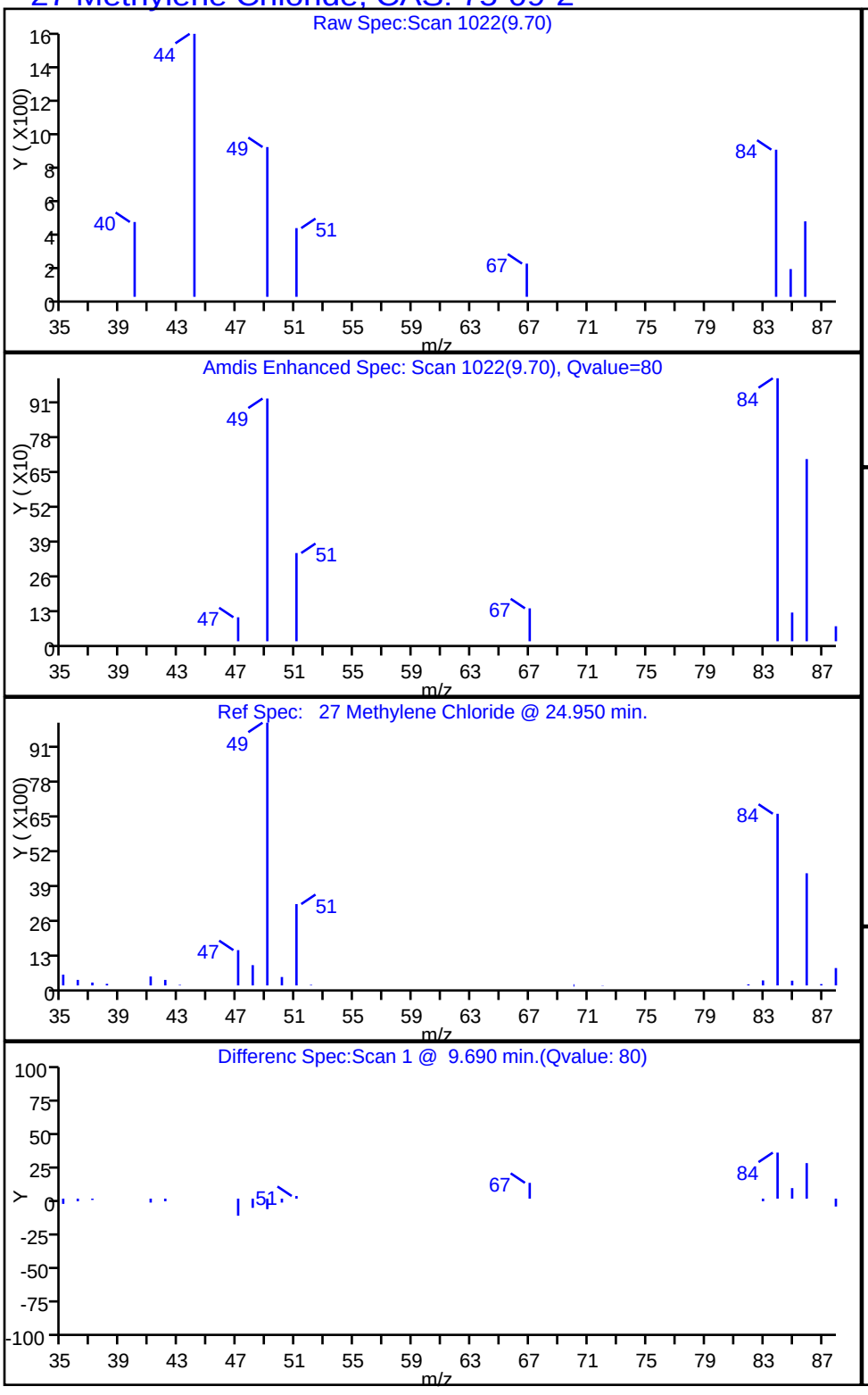


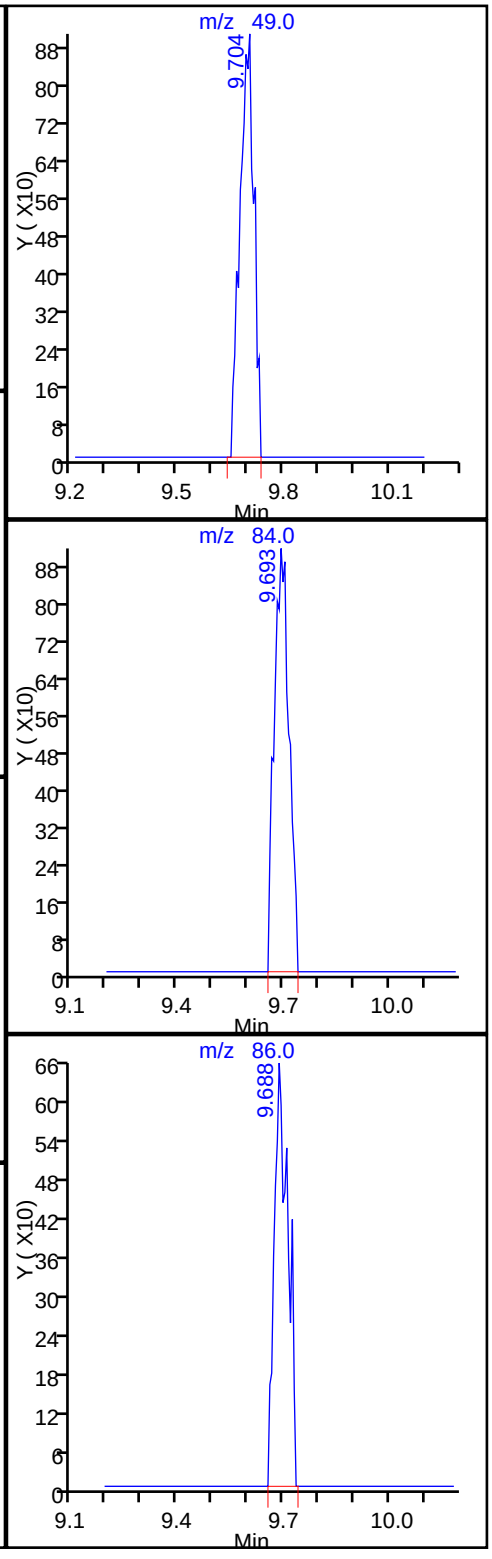


TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2





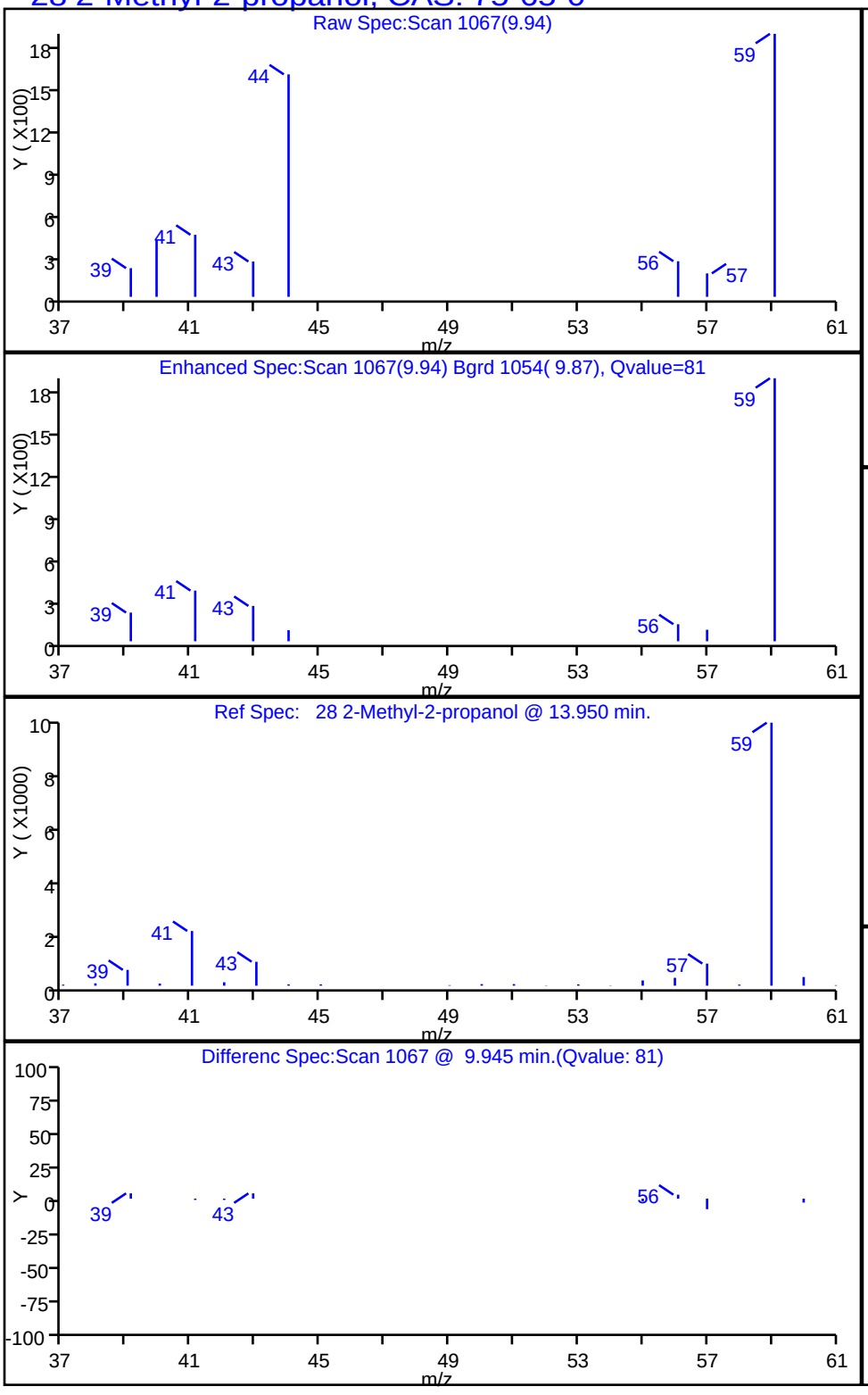
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

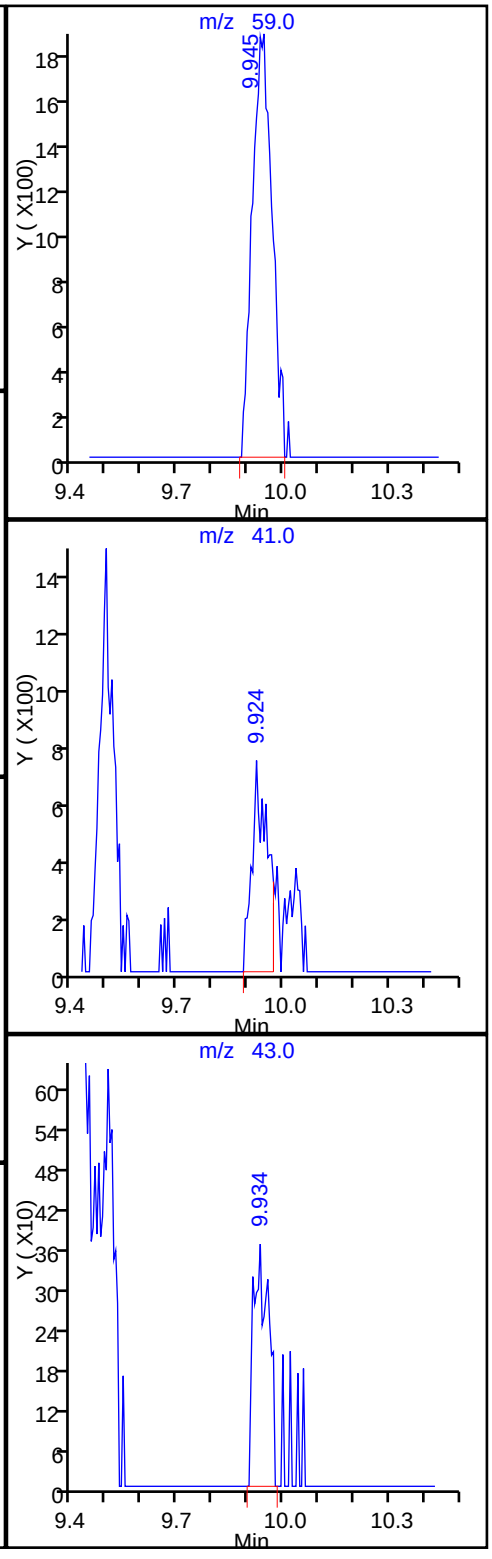
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

28 2-Methyl-2-propanol, CAS: 75-65-0



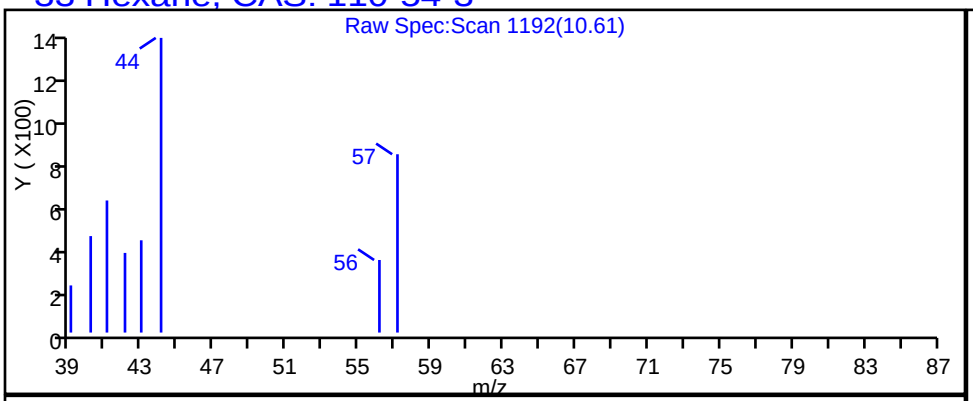


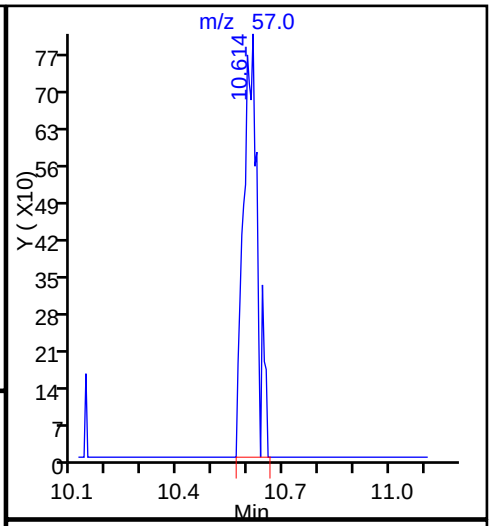
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

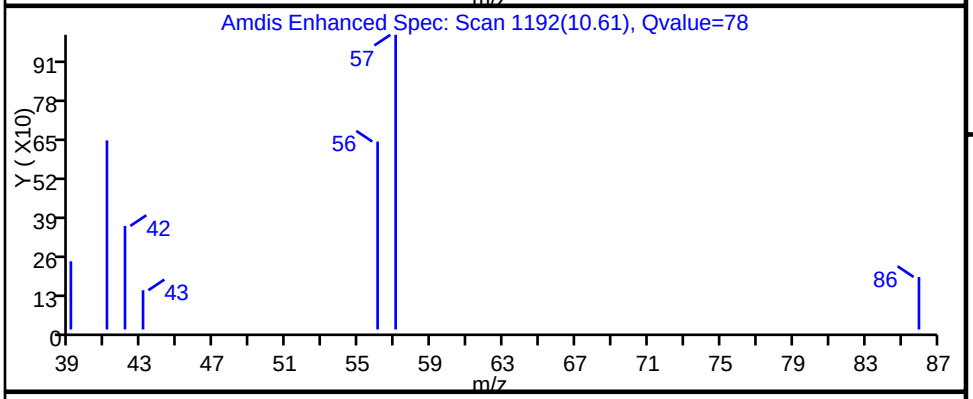
TestAmerica Burlington

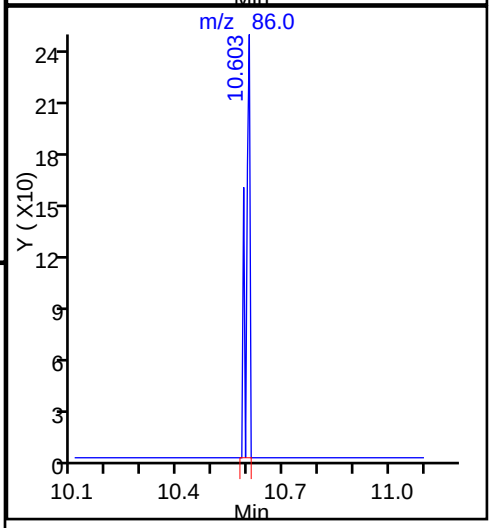
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

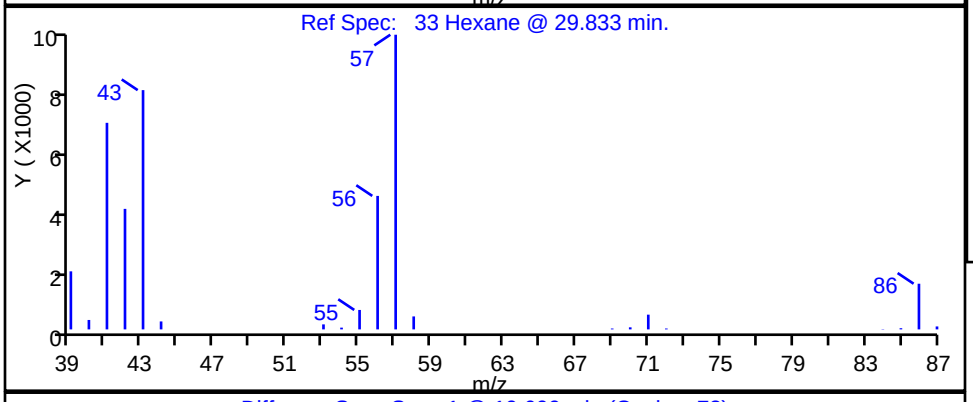
33 Hexane, CAS: 110-54-3

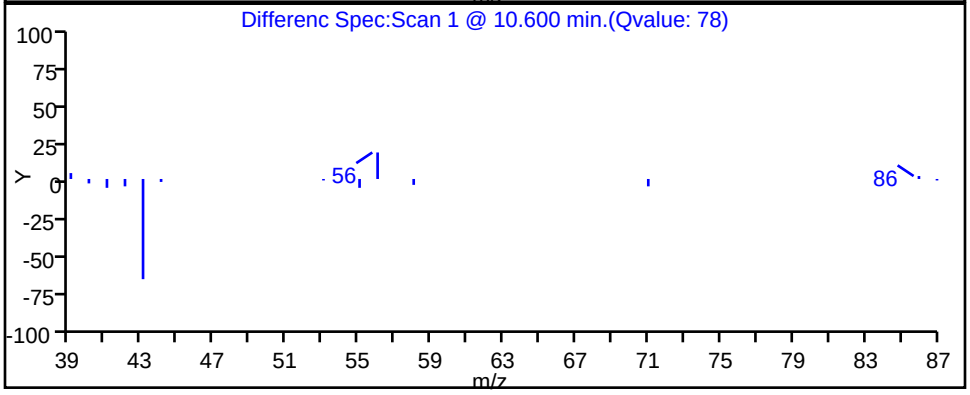










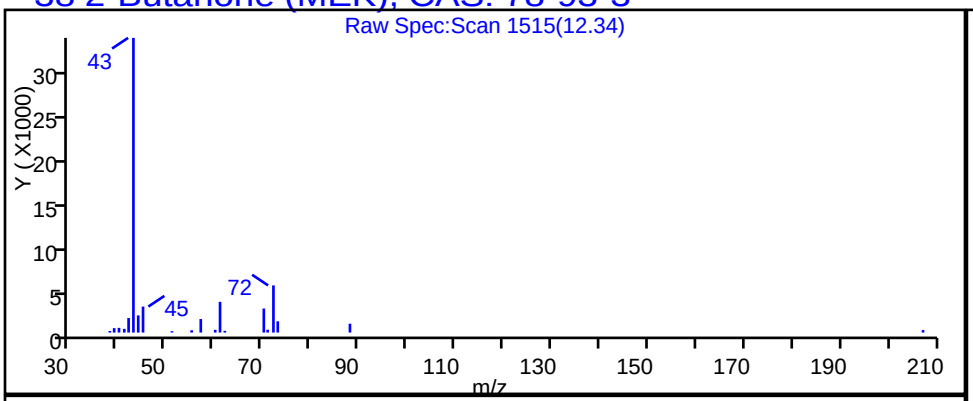


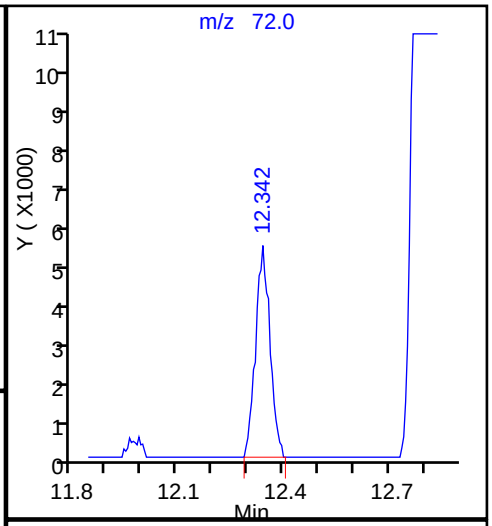
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

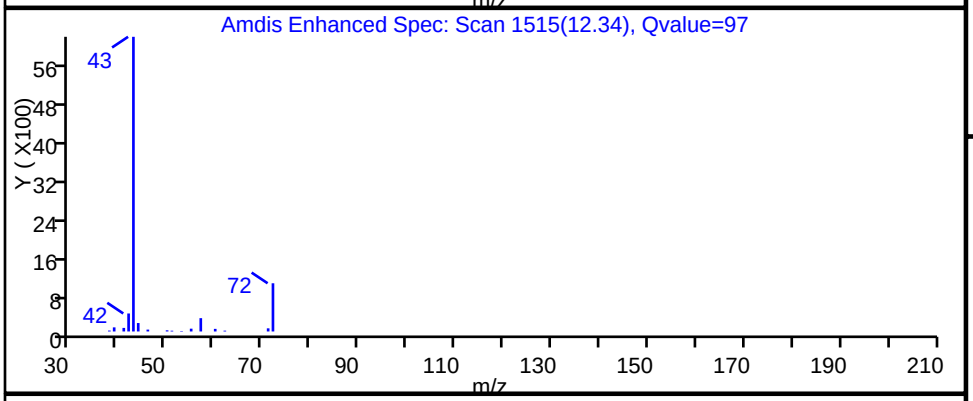
TestAmerica Burlington

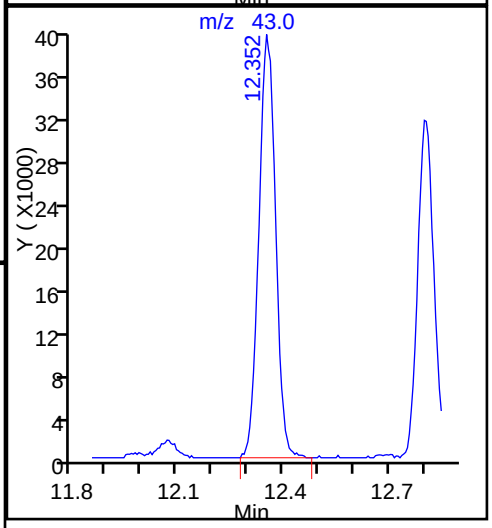
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

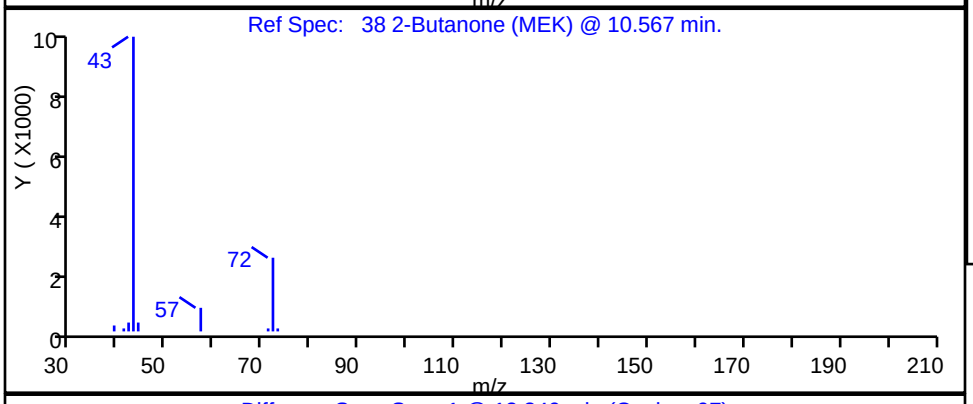
38 2-Butanone (MEK), CAS: 78-93-3

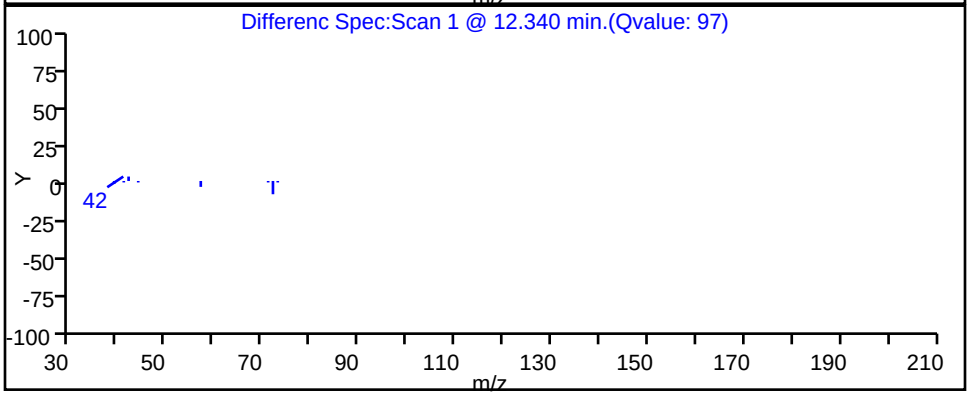










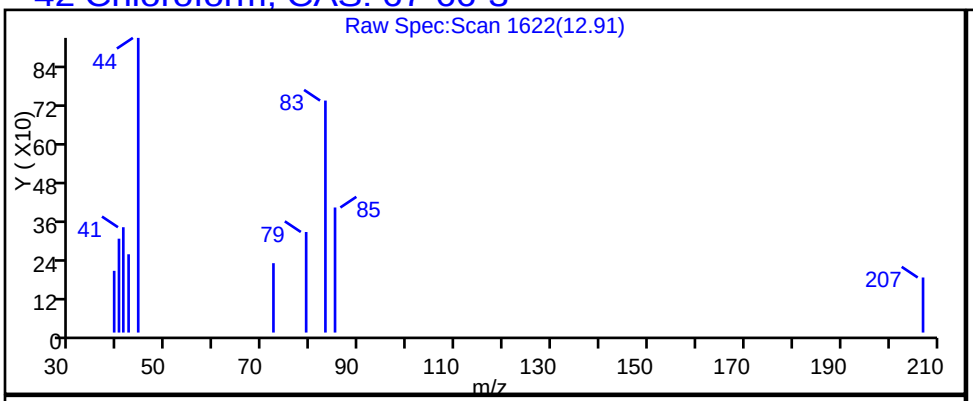


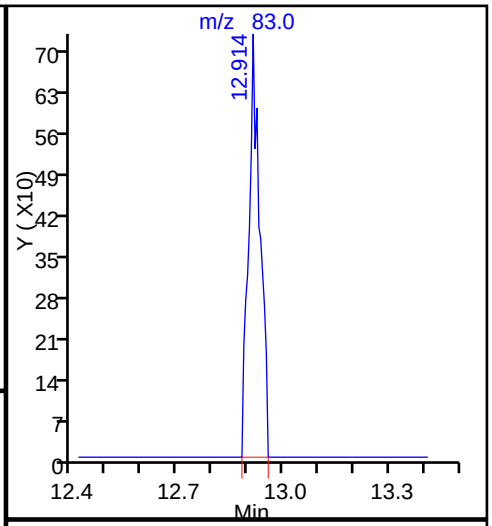
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

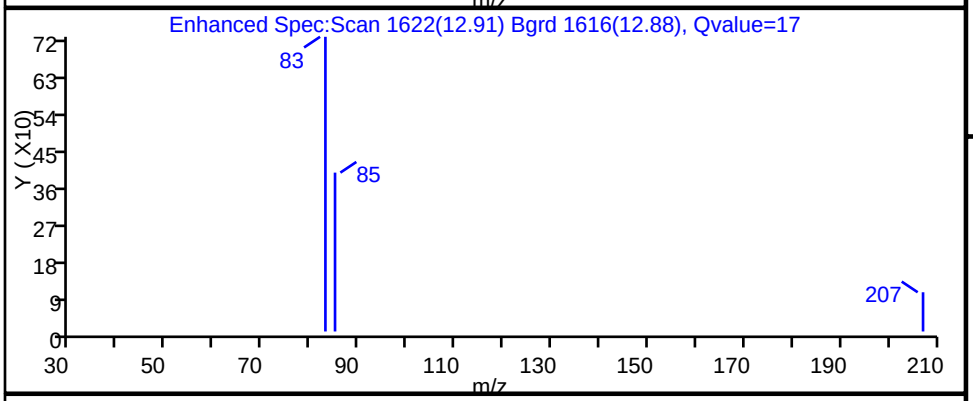
TestAmerica Burlington

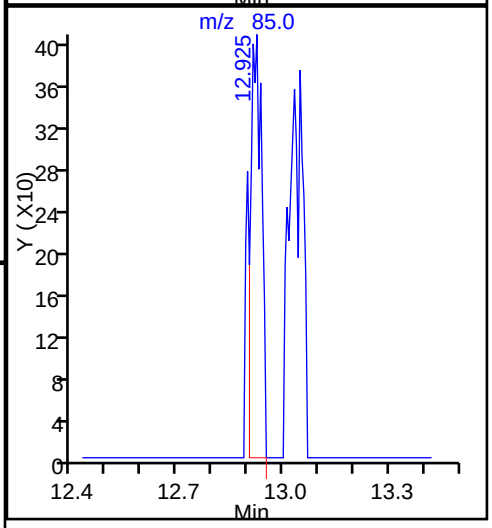
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

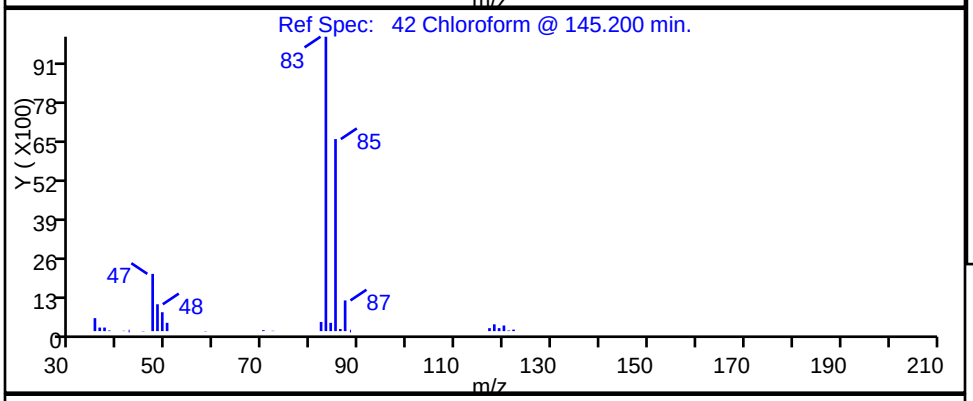
42 Chloroform, CAS: 67-66-3

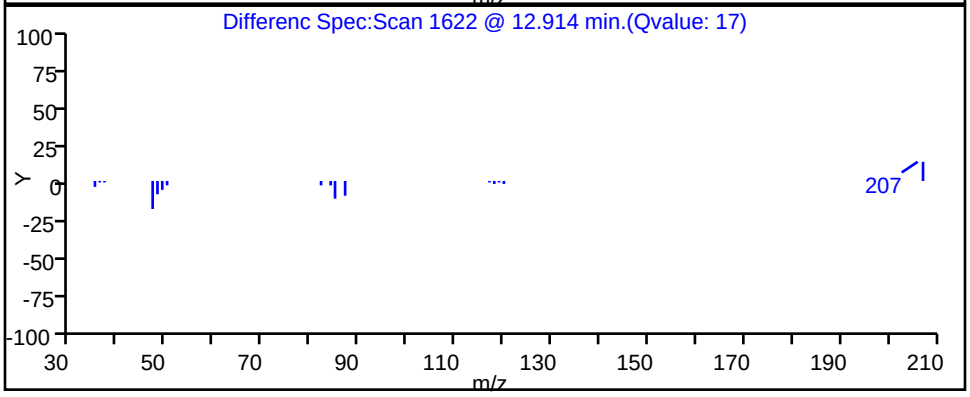












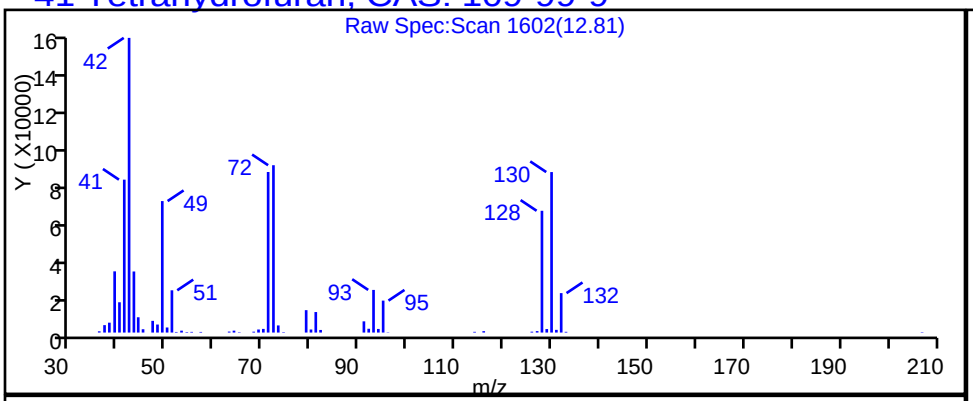
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

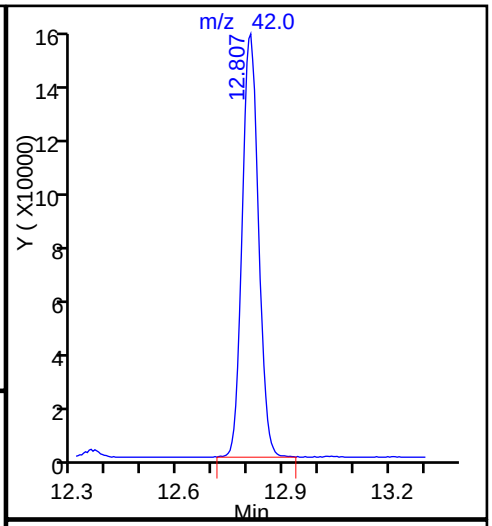
TestAmerica Burlington

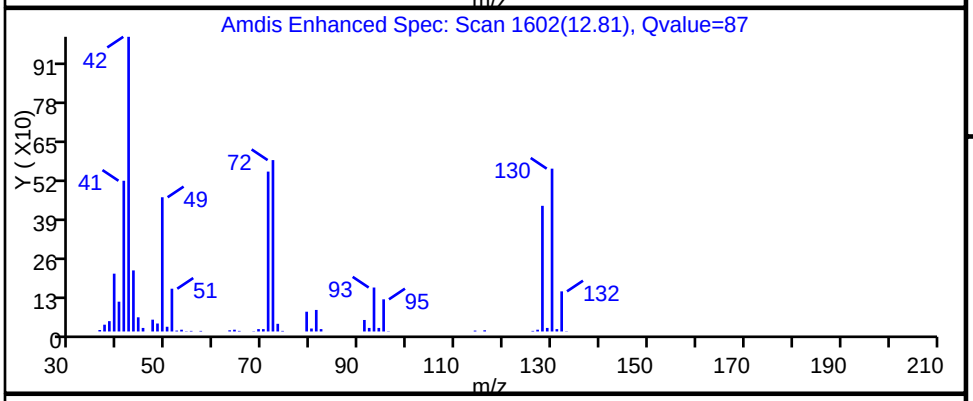
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

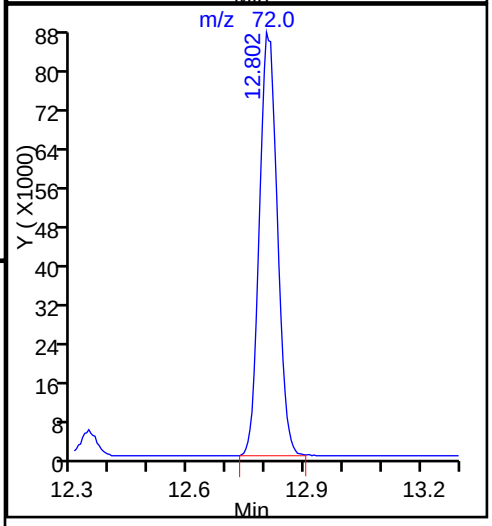
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

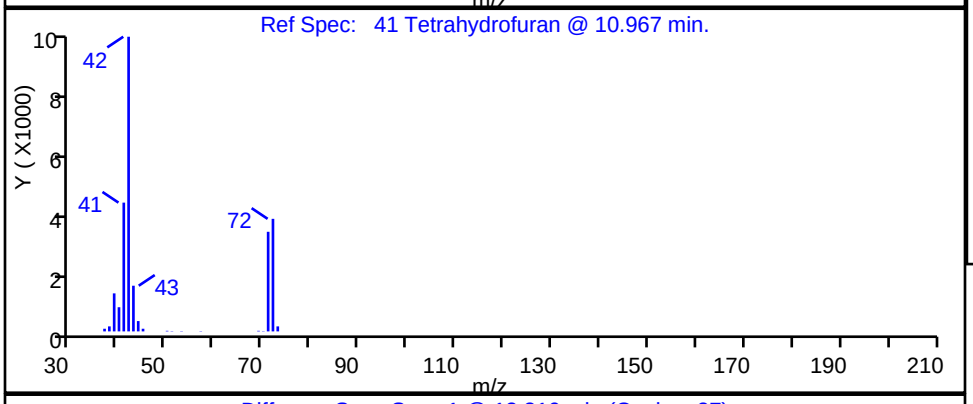
41 Tetrahydrofuran, CAS: 109-99-9

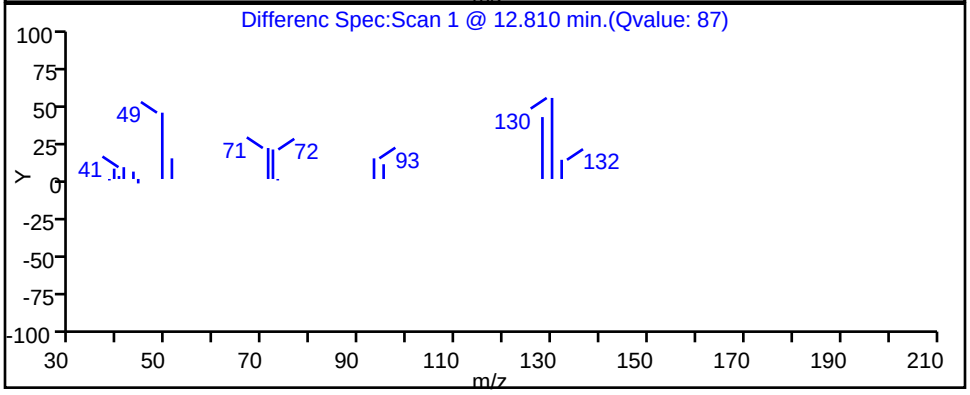












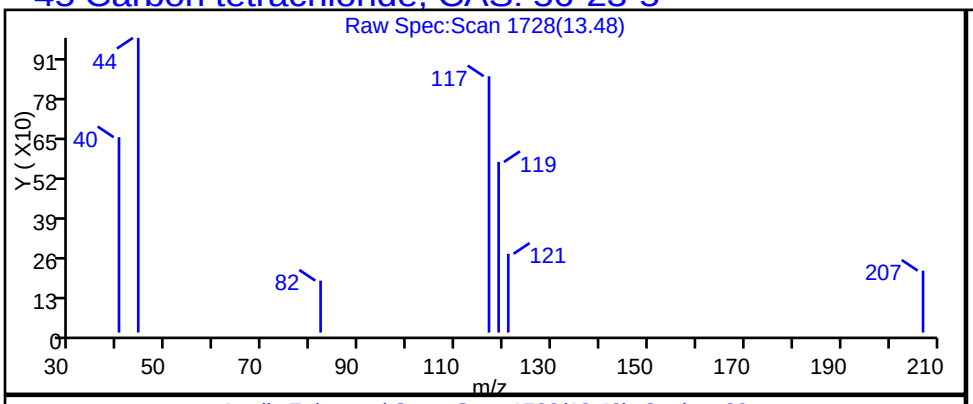
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

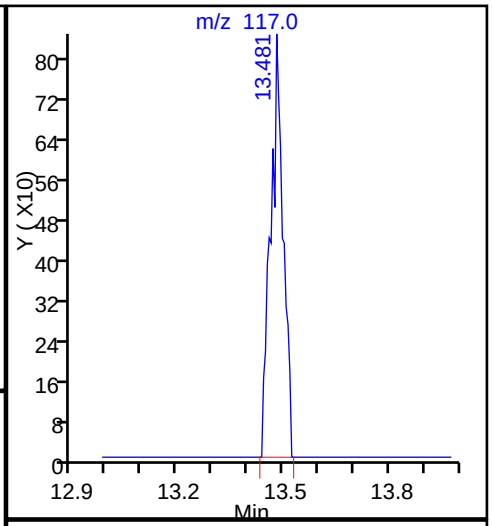
TestAmerica Burlington

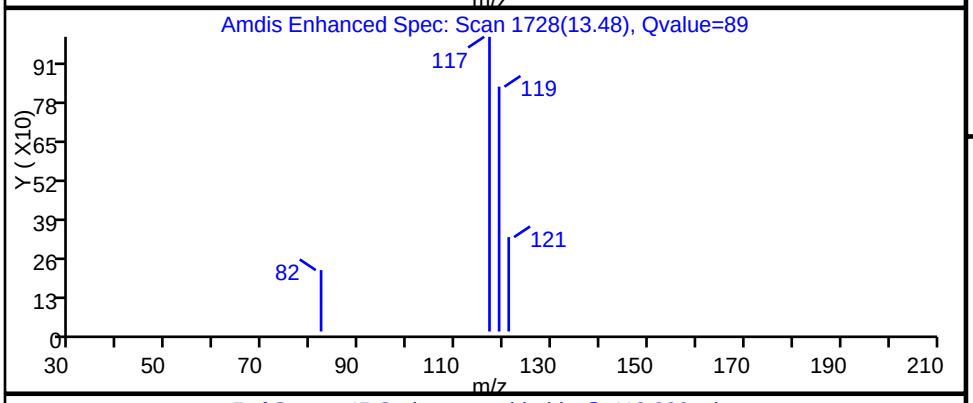
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

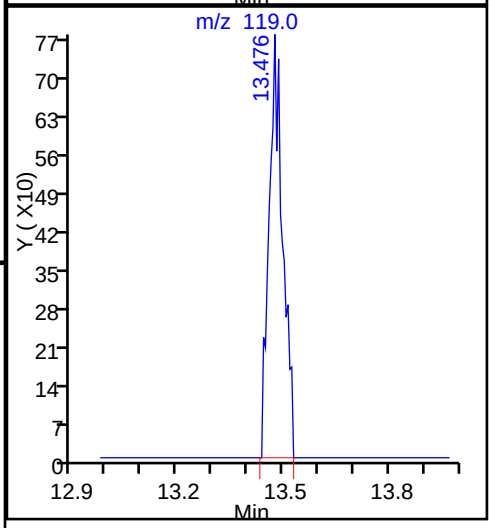
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

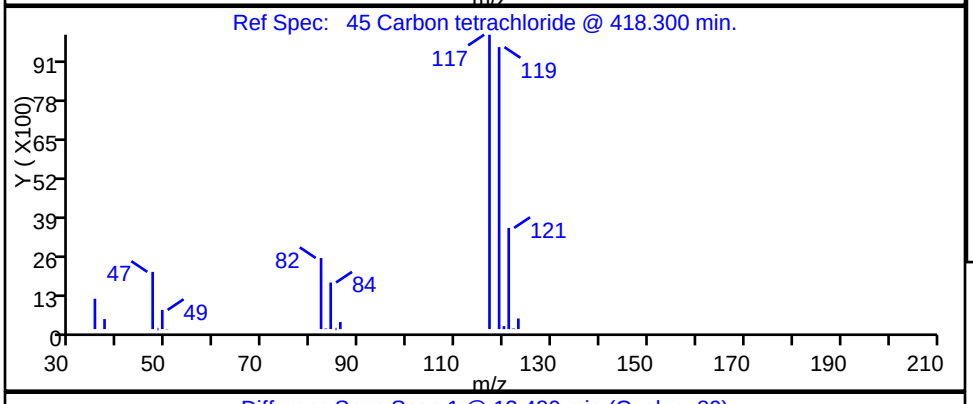
45 Carbon tetrachloride, CAS: 56-23-5

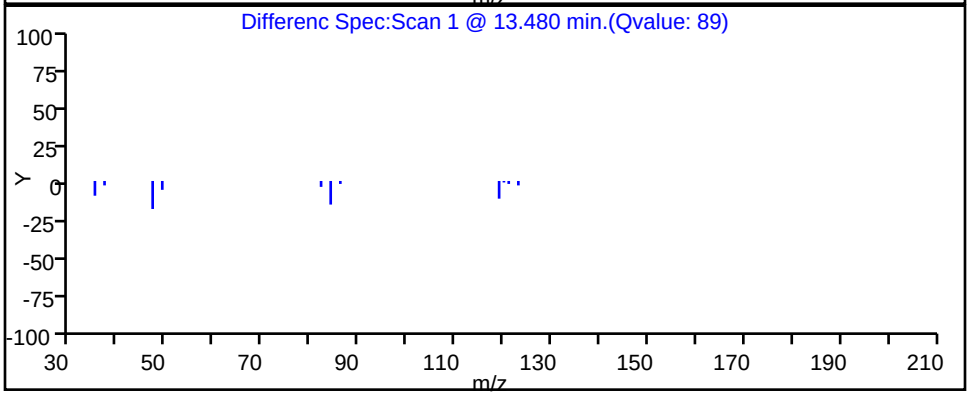












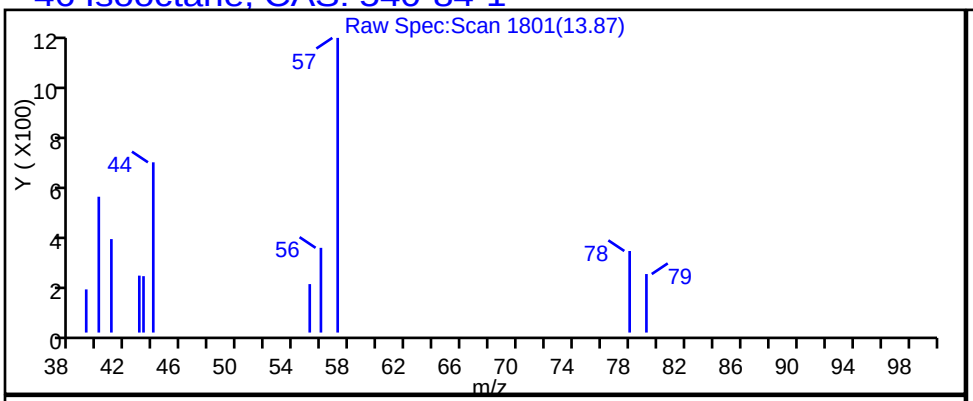
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

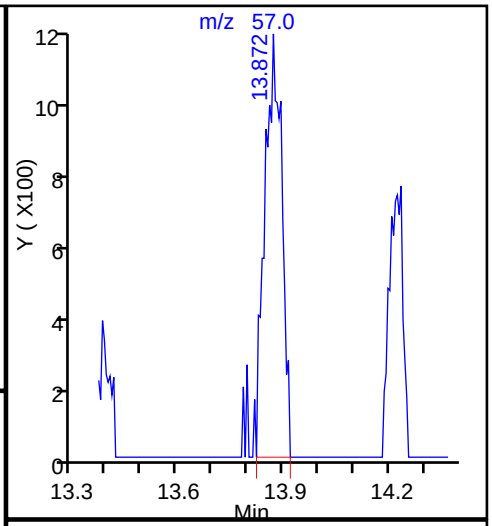
TestAmerica Burlington

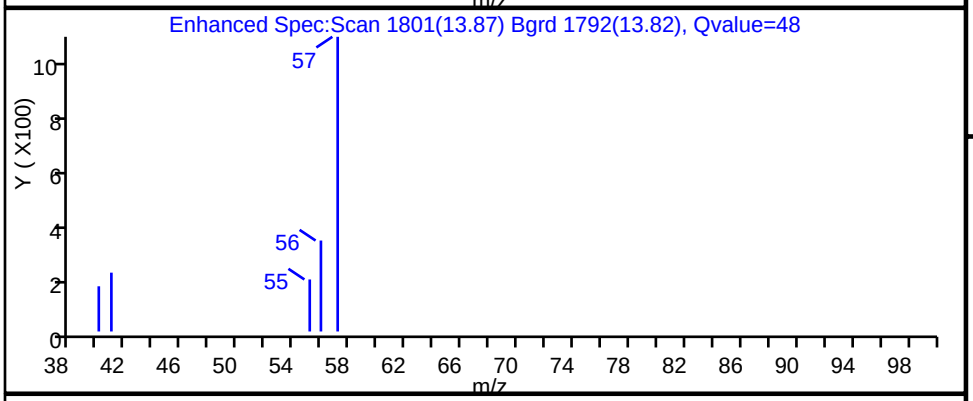
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

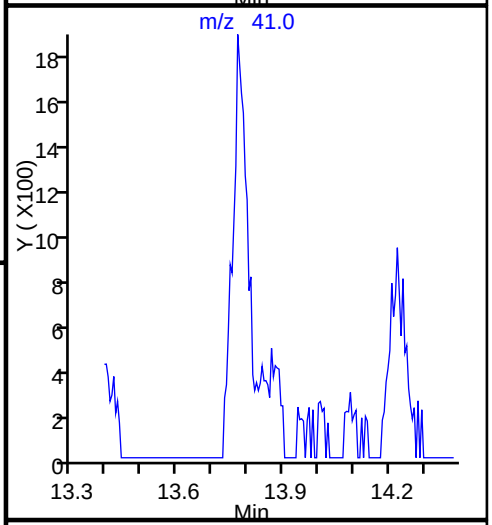
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

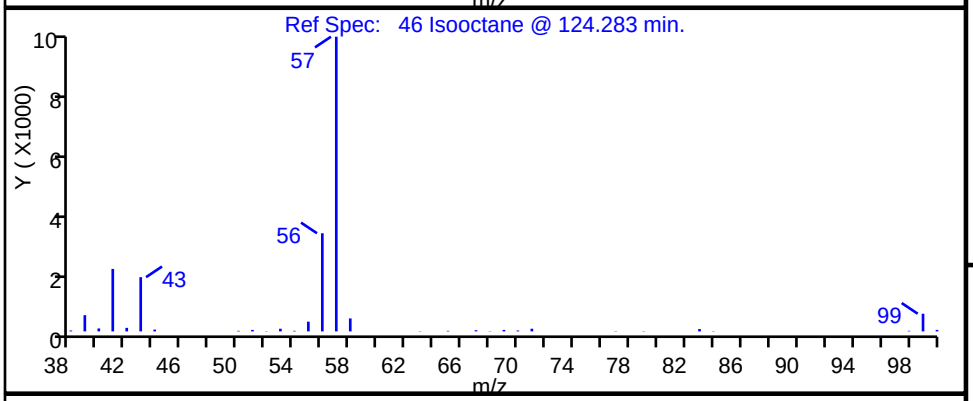
46 Isooctane, CAS: 540-84-1

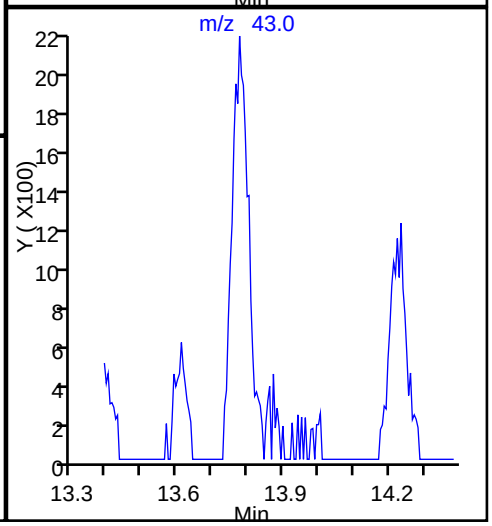


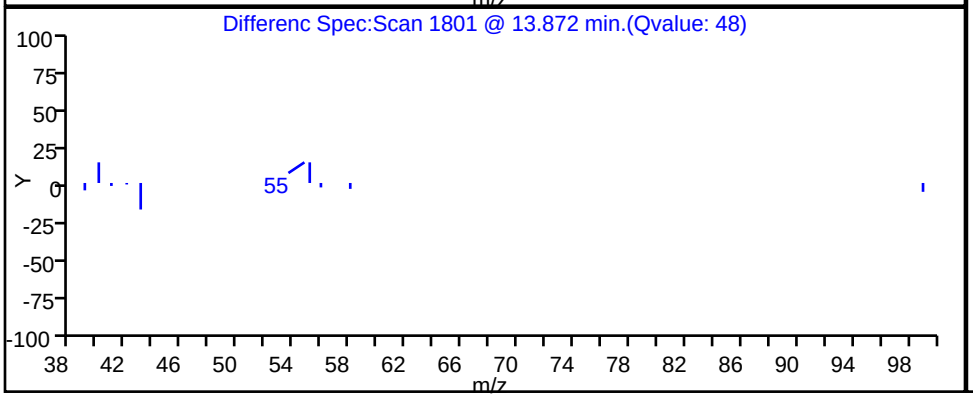








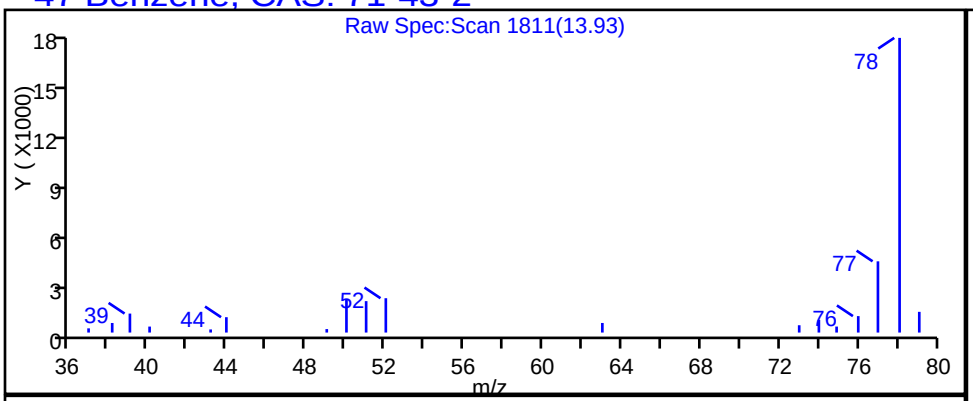


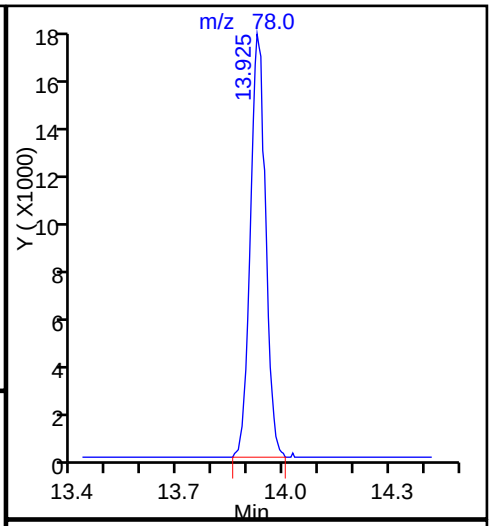


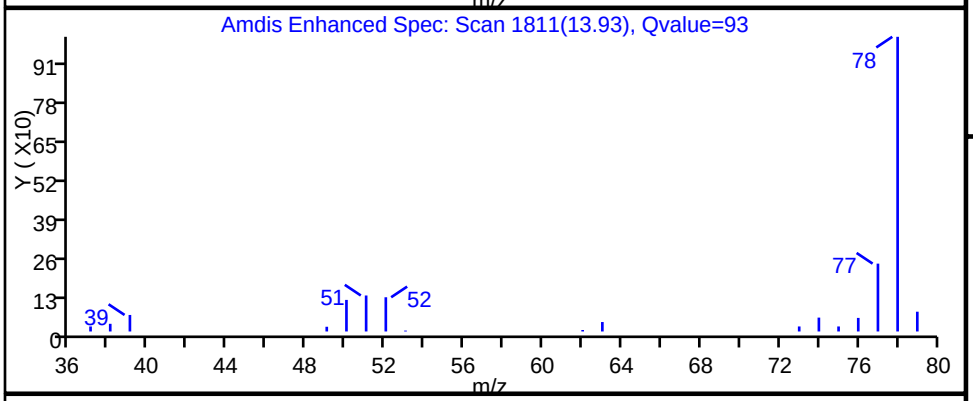
TestAmerica Burlington

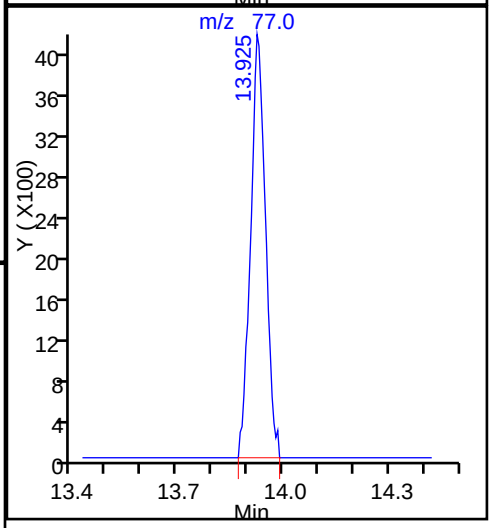
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

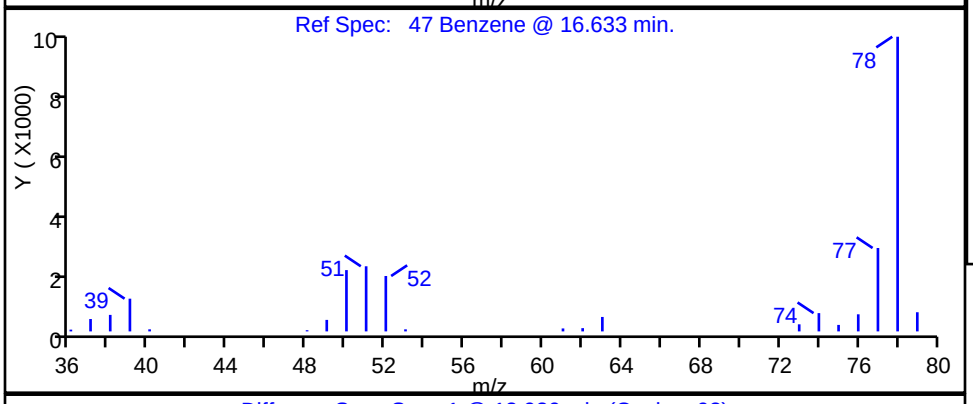
47 Benzene, CAS: 71-43-2

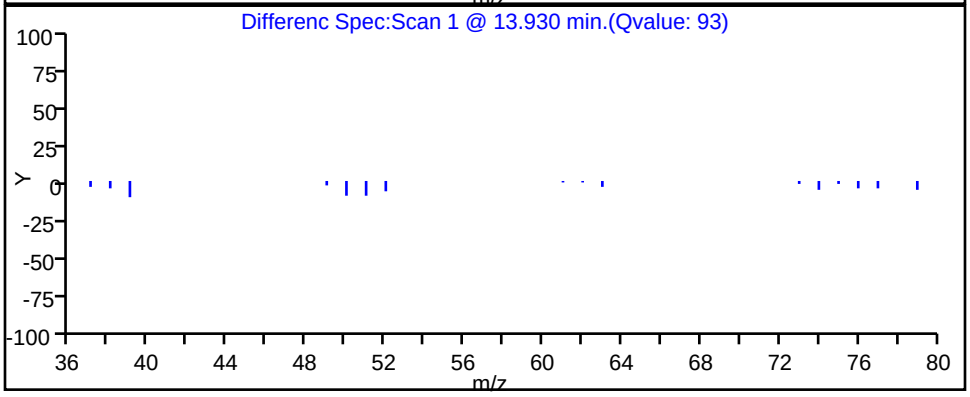












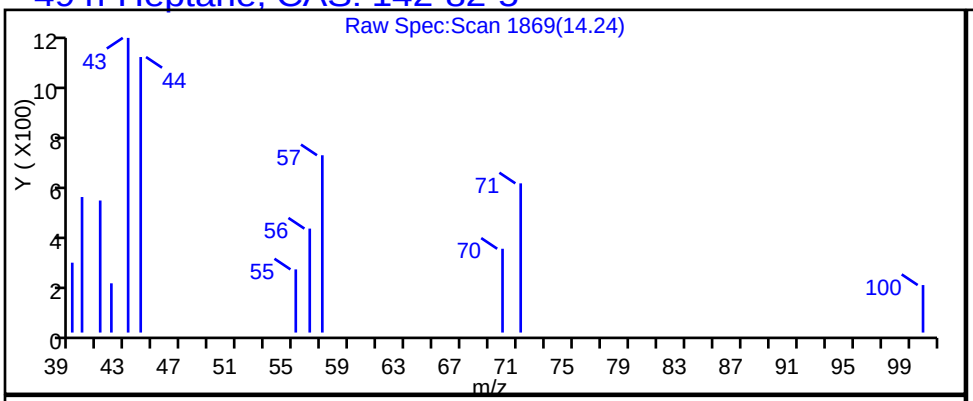
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

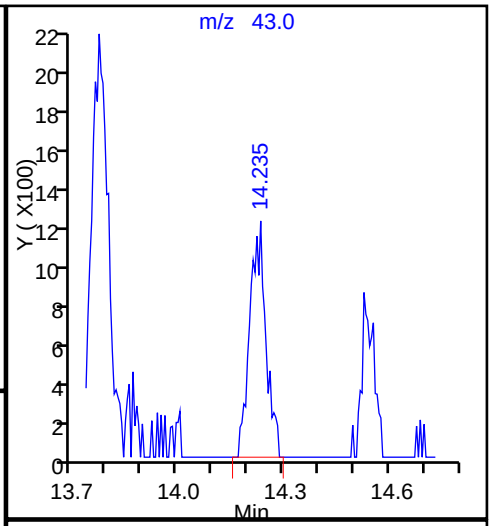
TestAmerica Burlington

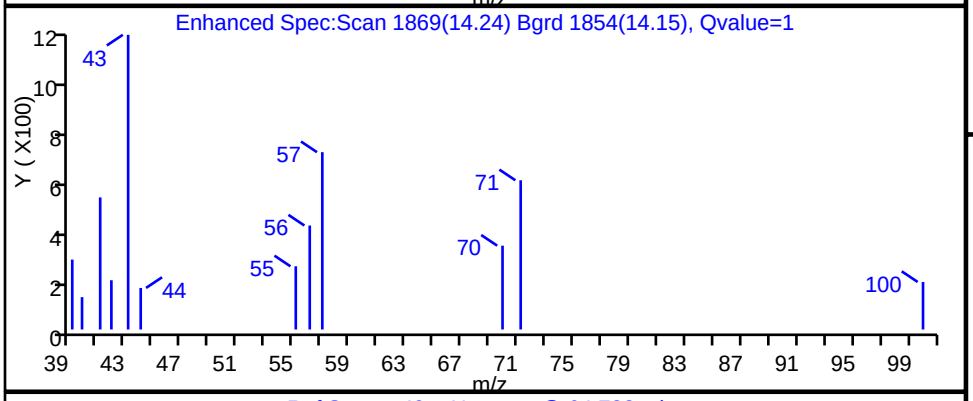
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

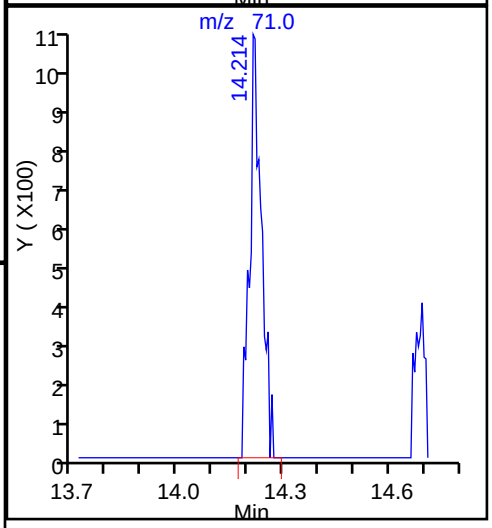
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

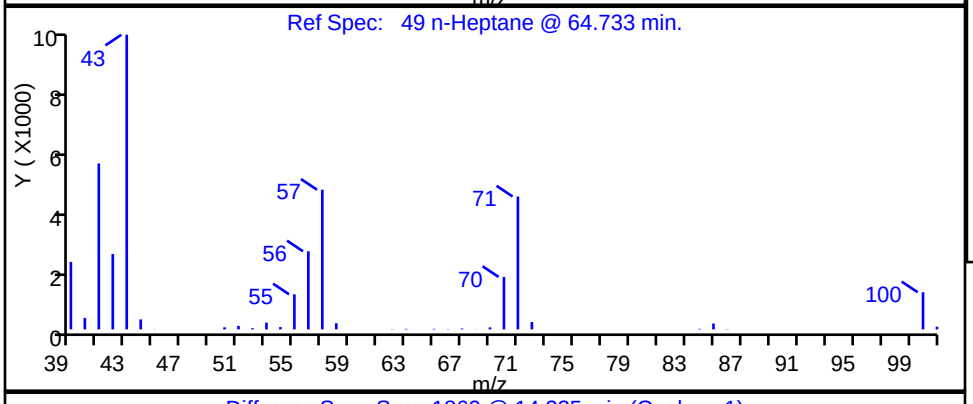
49 n-Heptane, CAS: 142-82-5

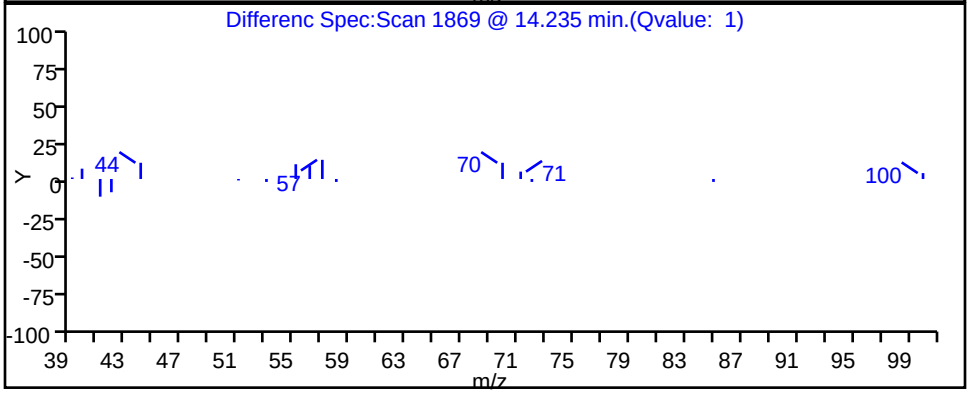












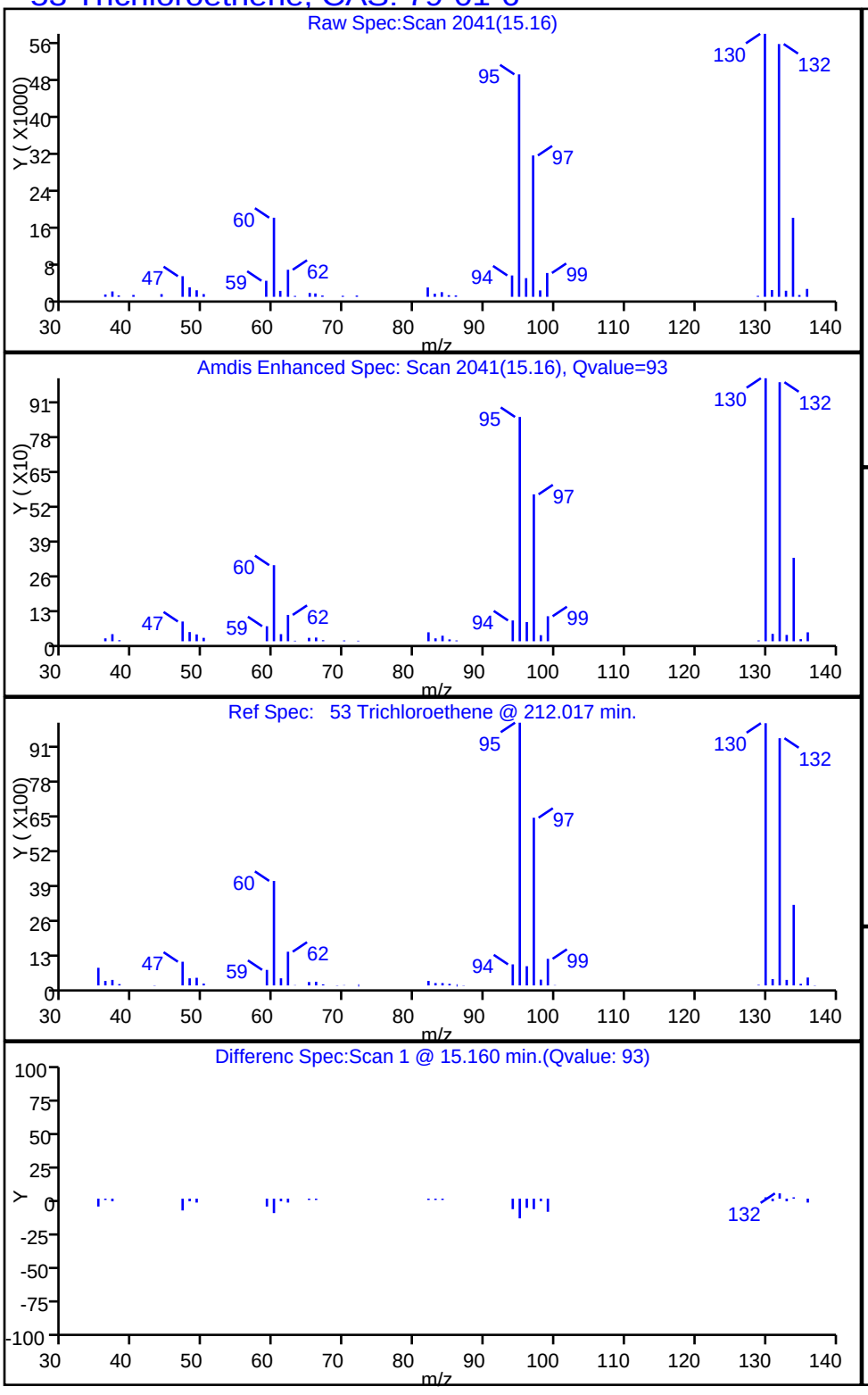
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

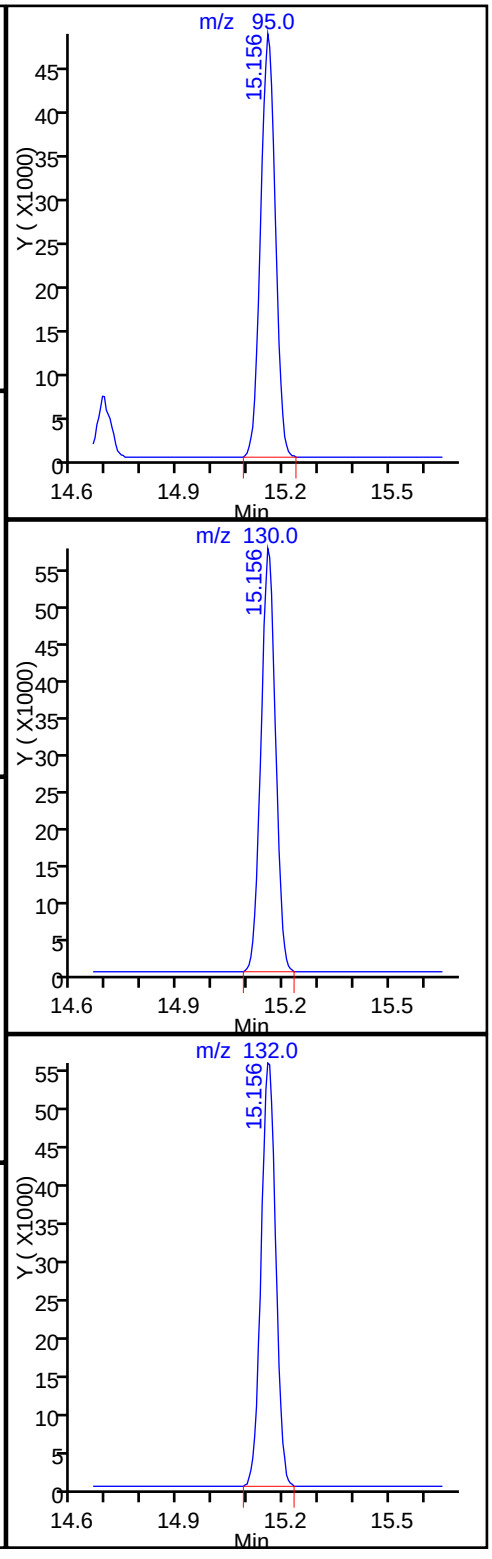
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 Trichloroethene, CAS: 79-01-6





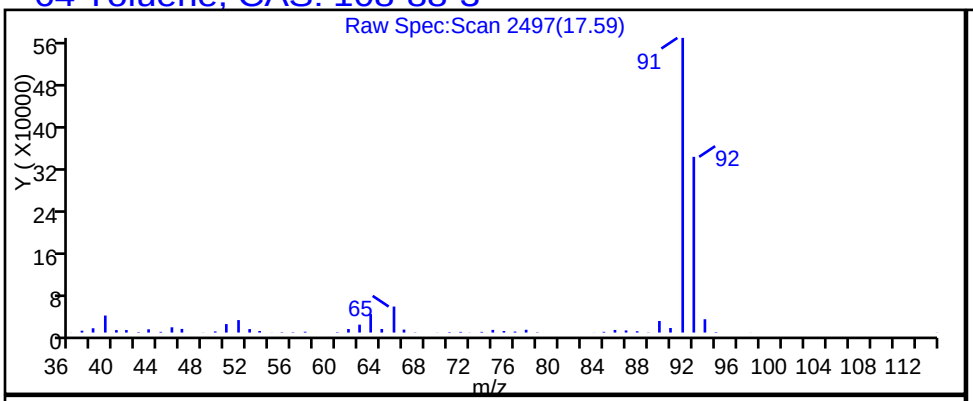
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

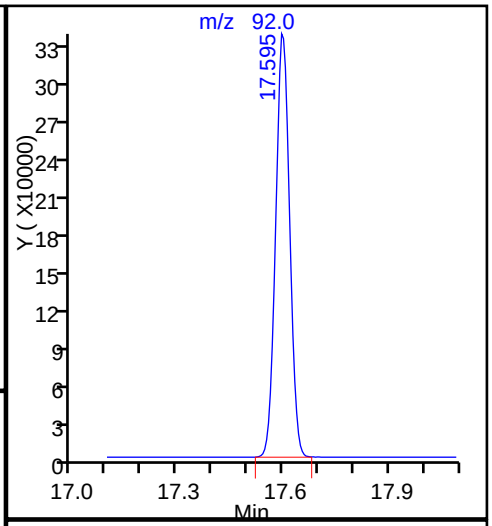
TestAmerica Burlington

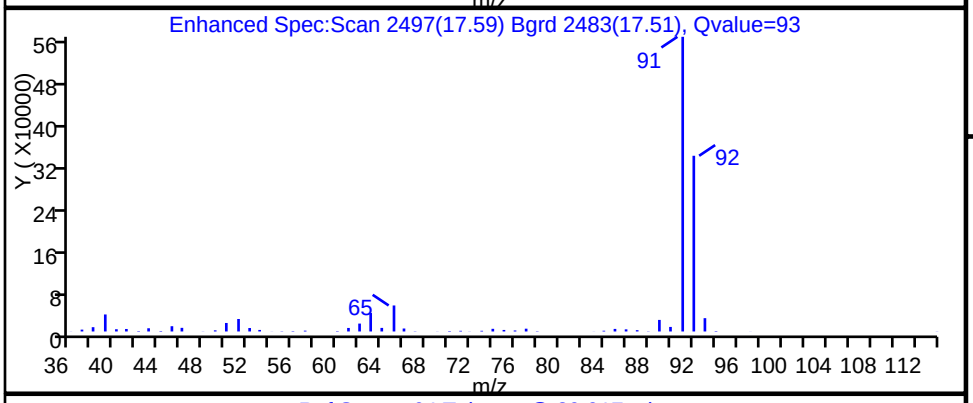
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

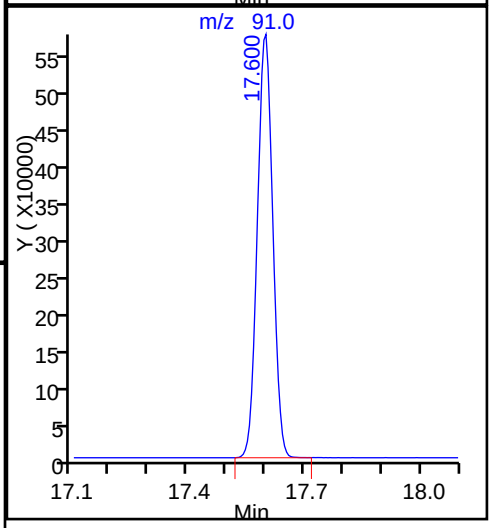
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

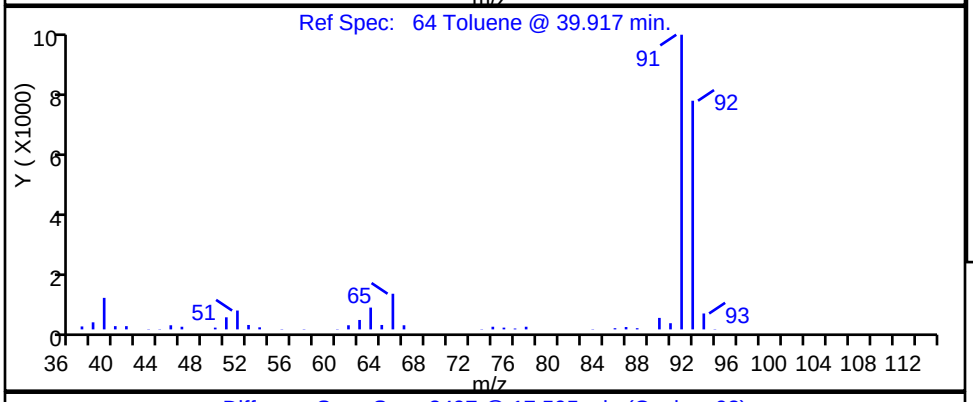
64 Toluene, CAS: 108-88-3

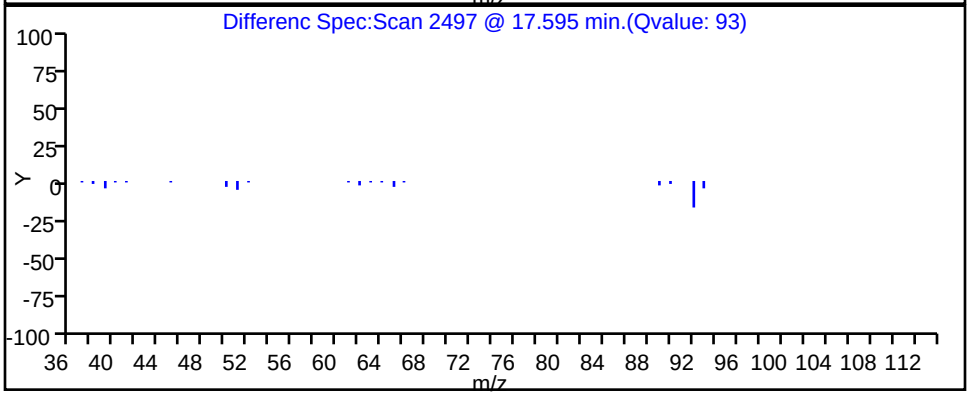








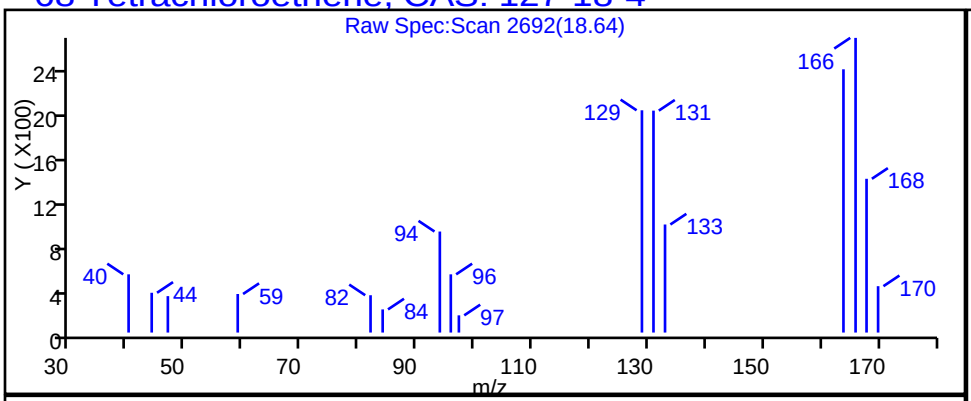


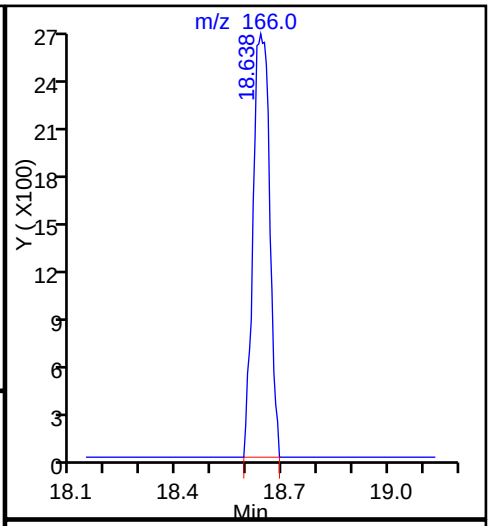


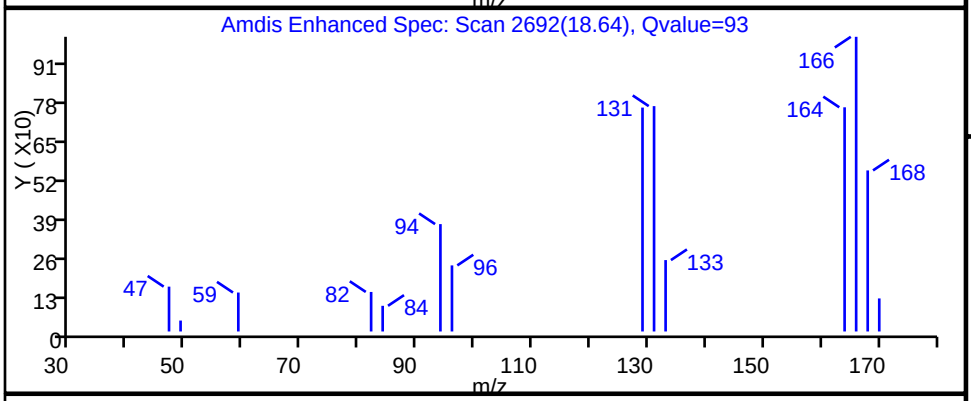
TestAmerica Burlington

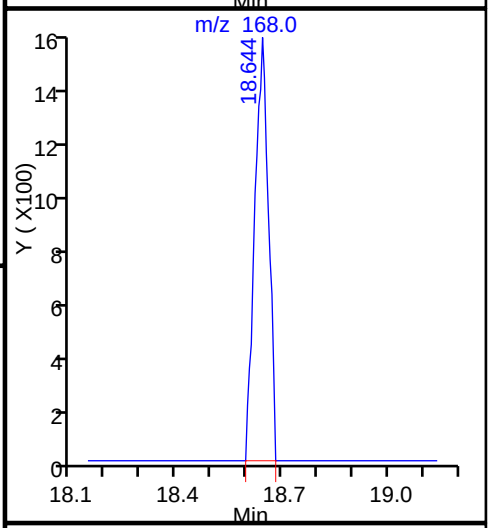
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d		
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6
Client ID:	101VMP0201FC		
Operator ID:	bpl	ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

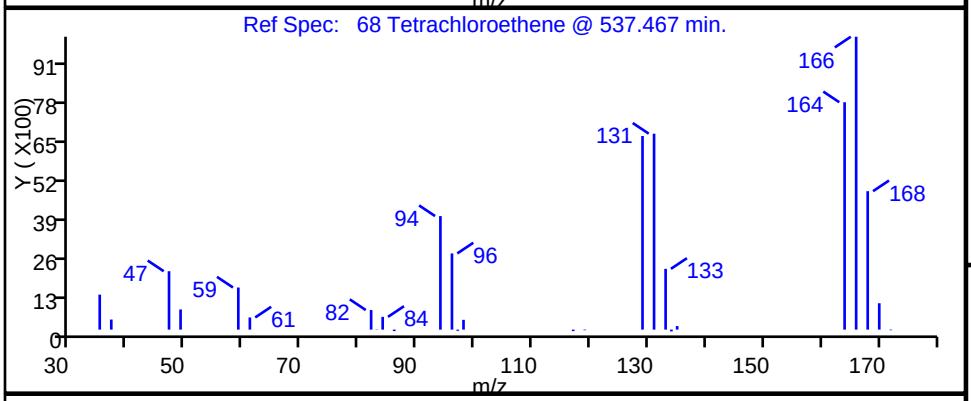
68 Tetrachloroethene, CAS: 127-18-4

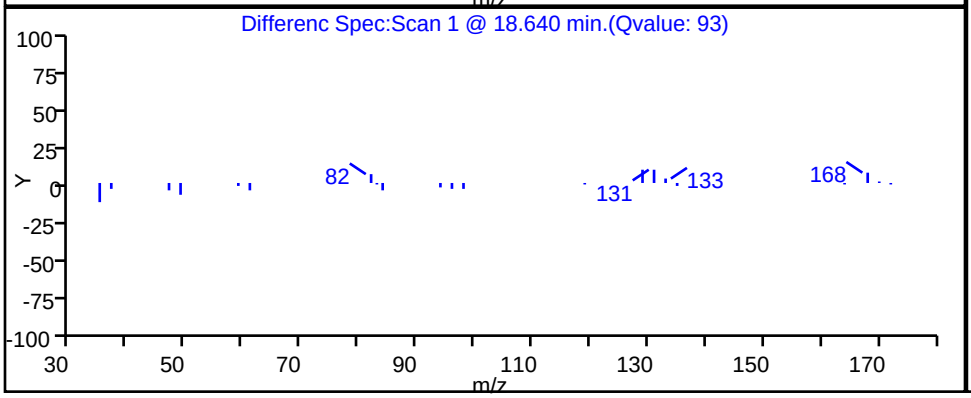


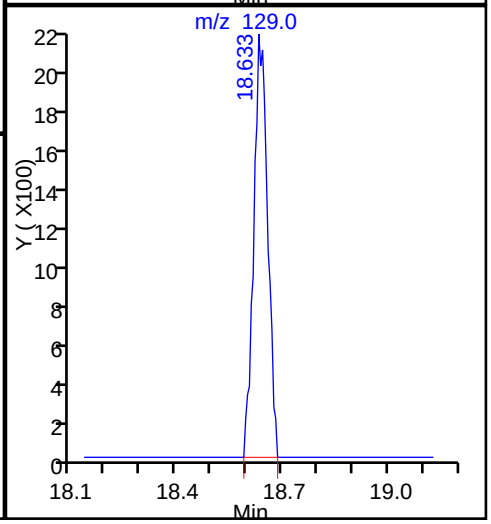












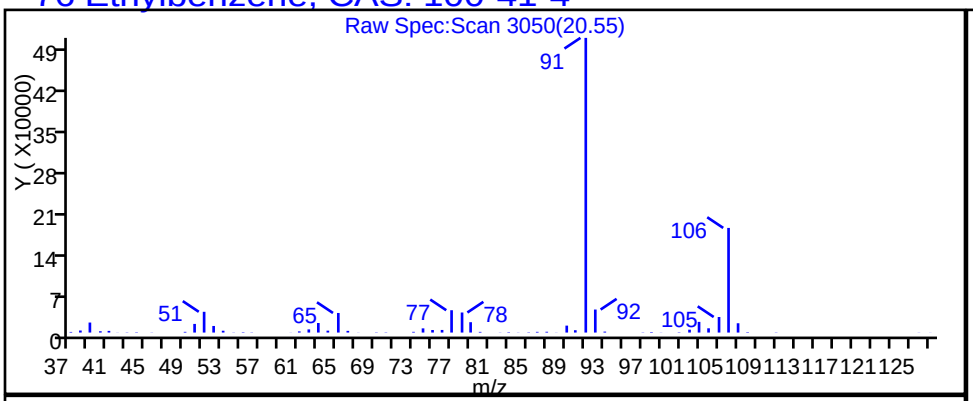
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

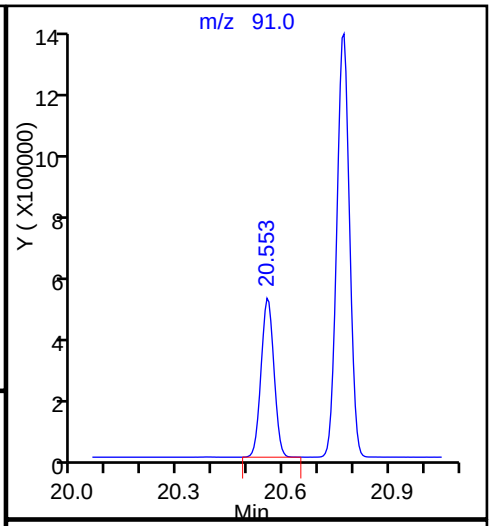
TestAmerica Burlington

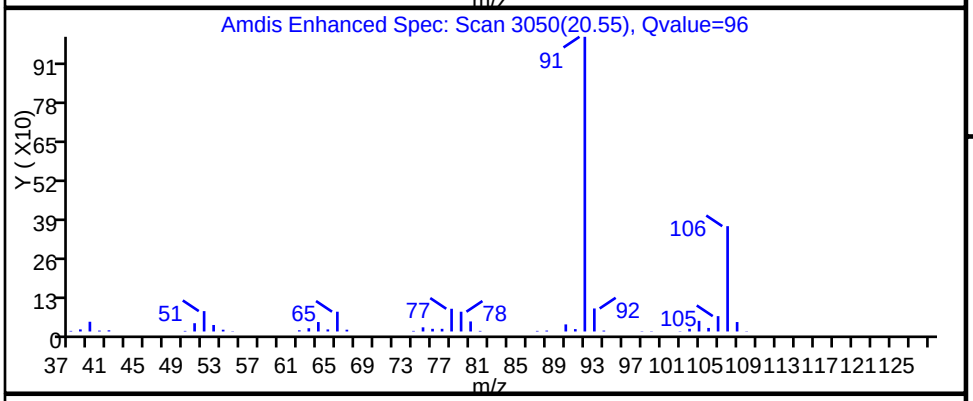
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

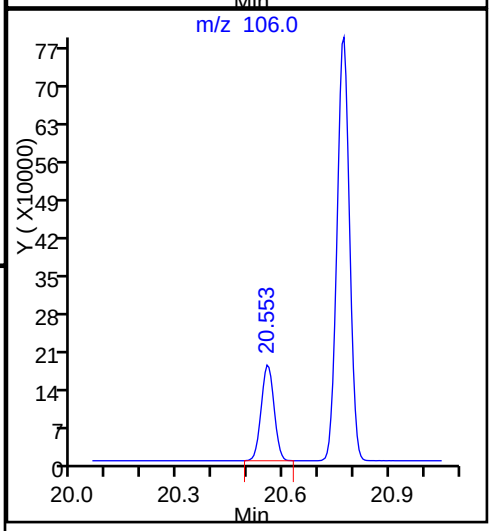
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6
Client ID:	101VMP0201FC		
Operator ID:	bpl	ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

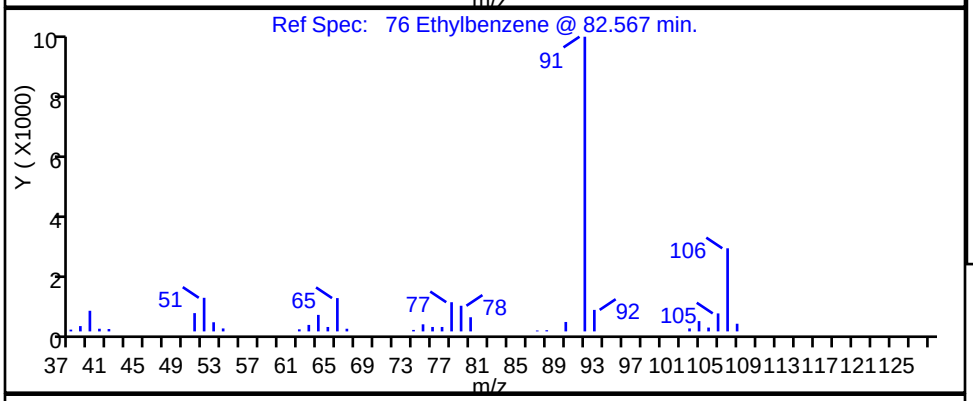
76 Ethylbenzene, CAS: 100-41-4

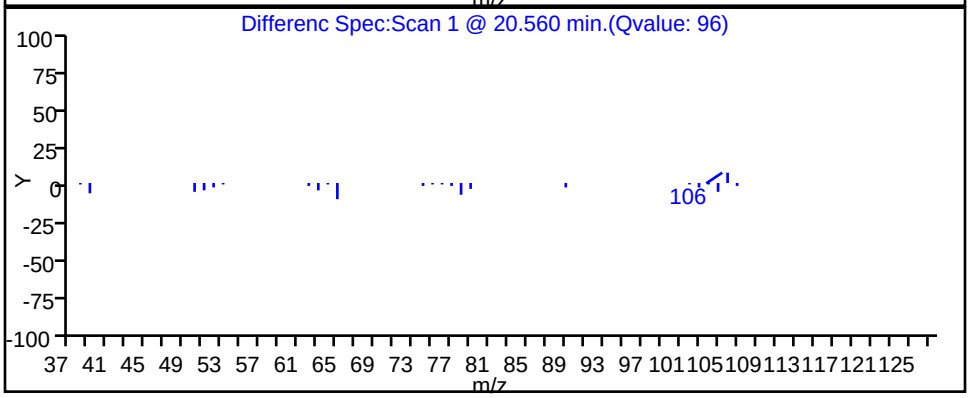










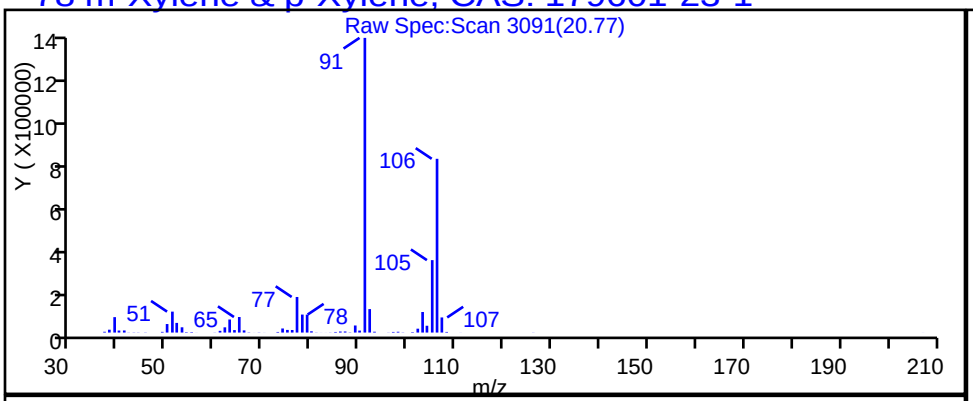


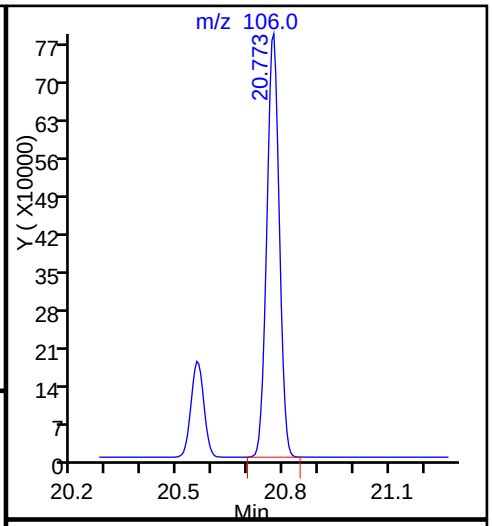
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

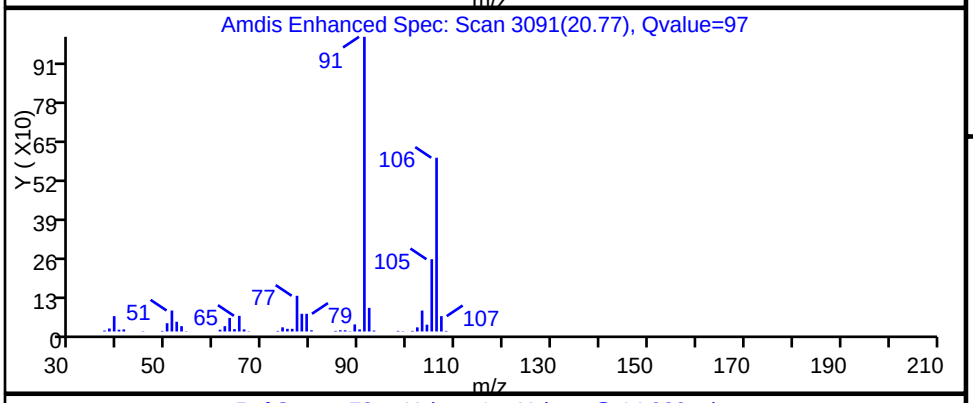
TestAmerica Burlington

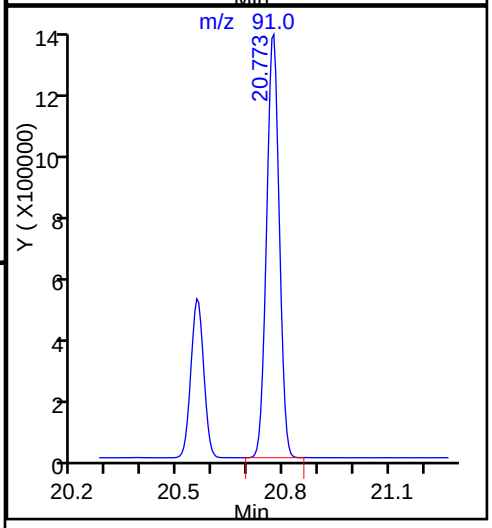
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

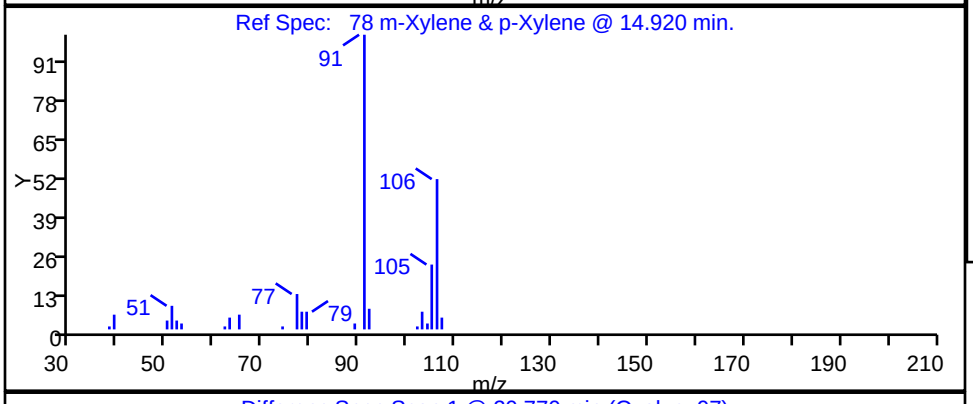
78 m-Xylene & p-Xylene, CAS: 179601-23-1

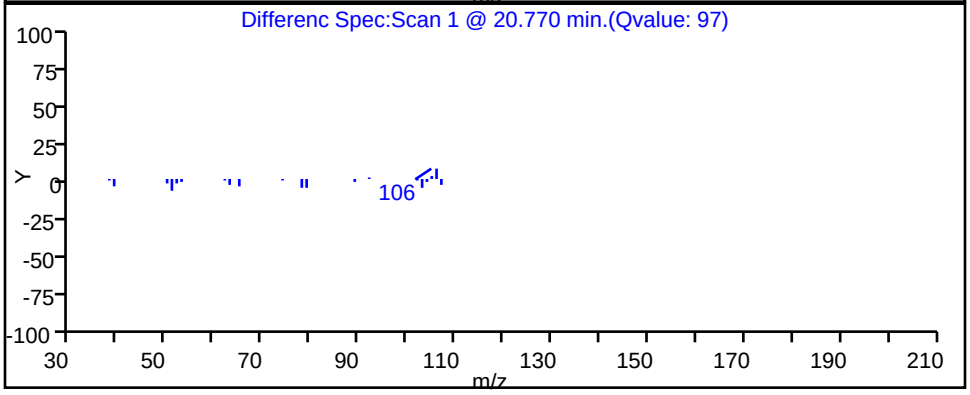












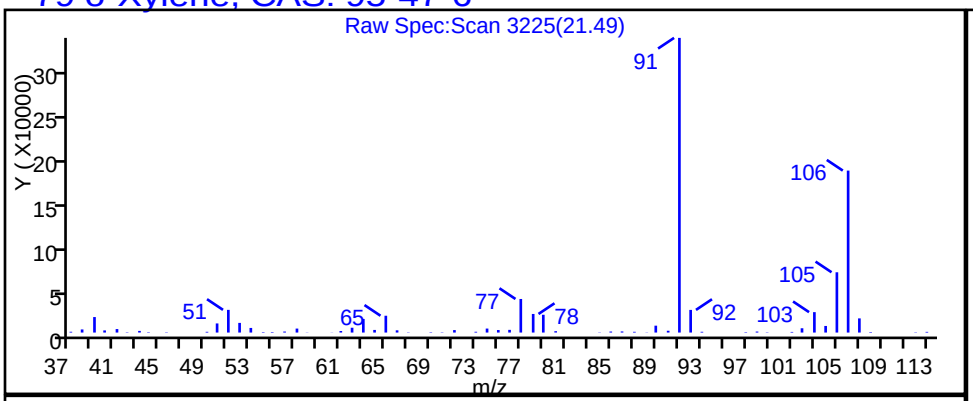
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

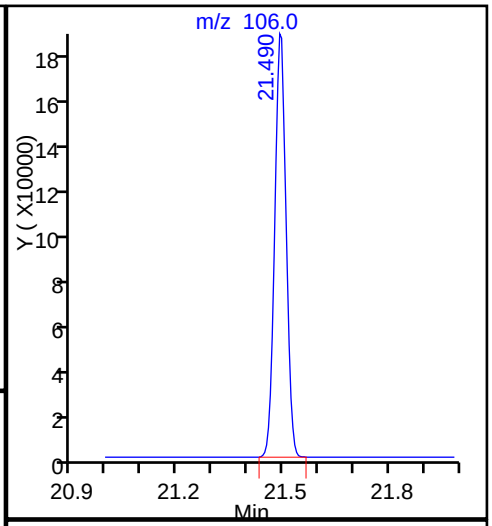
TestAmerica Burlington

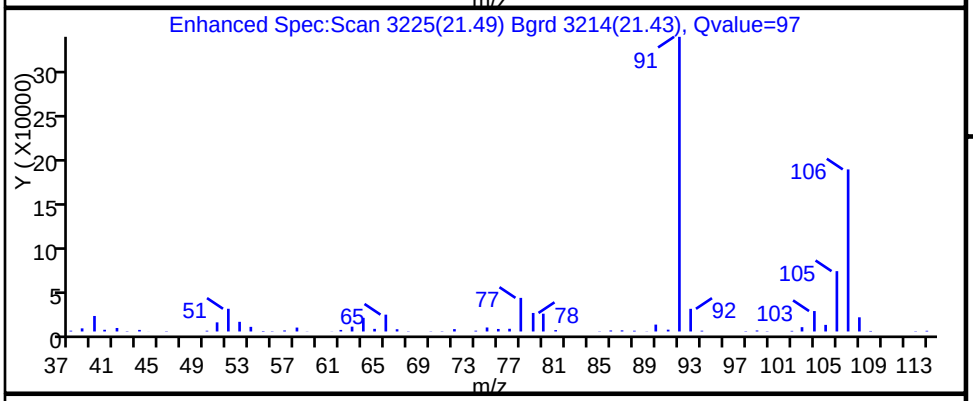
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

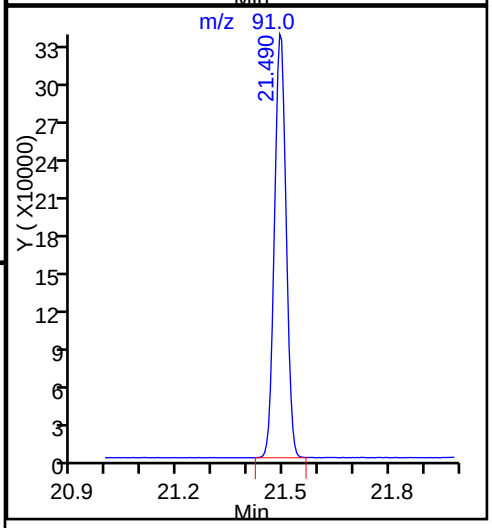
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

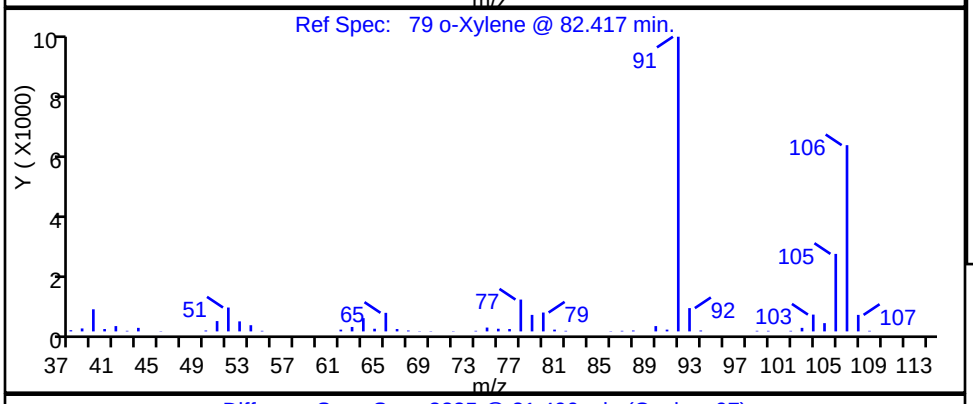
79 o-Xylene, CAS: 95-47-6

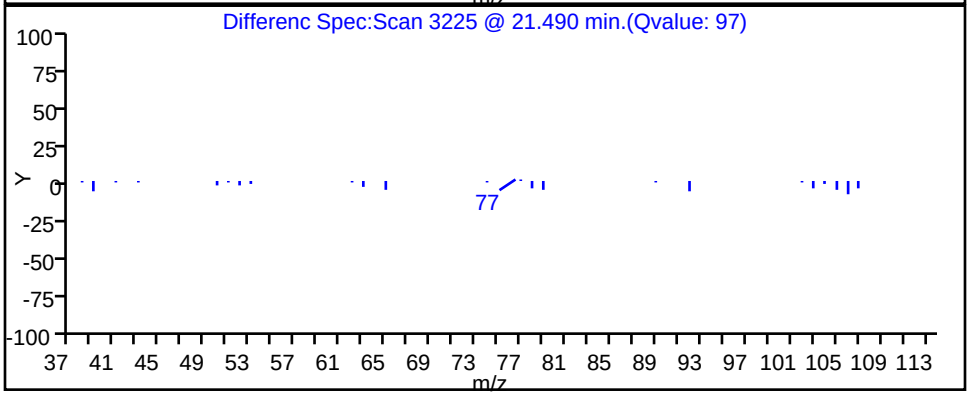












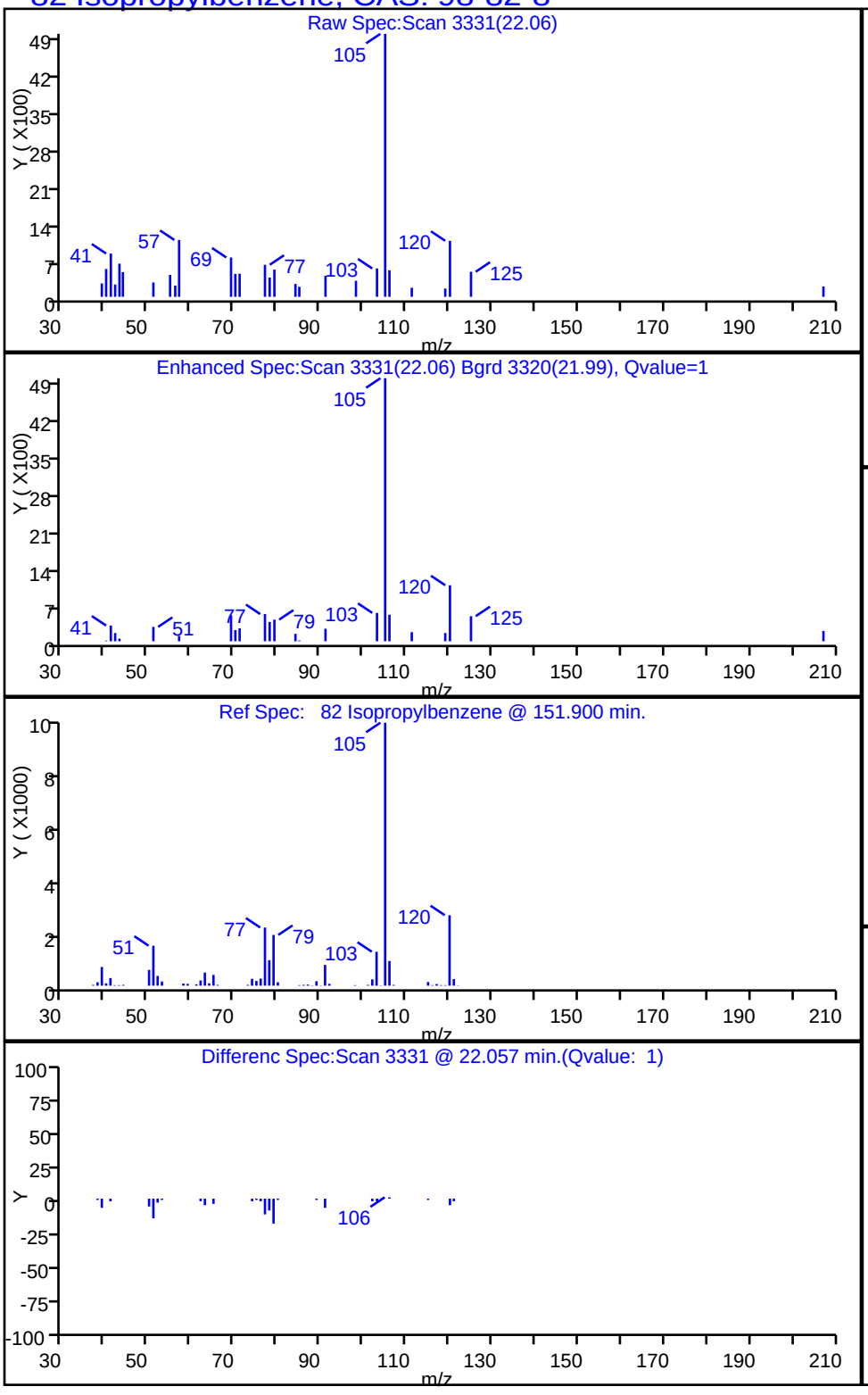
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

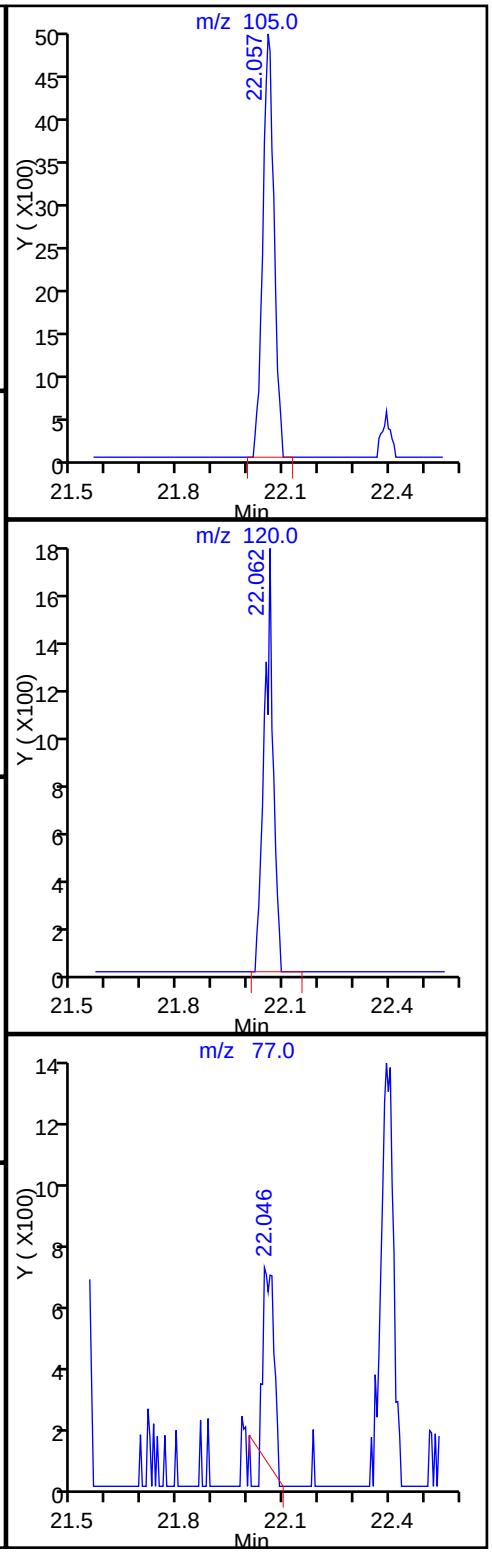
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8





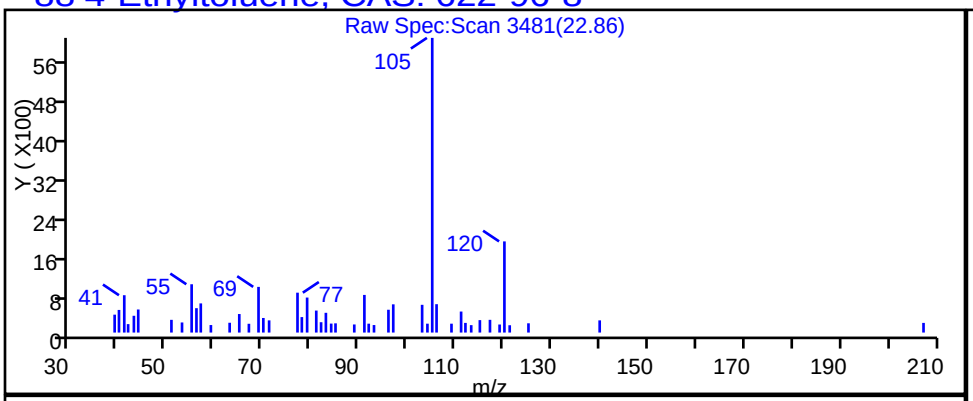
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

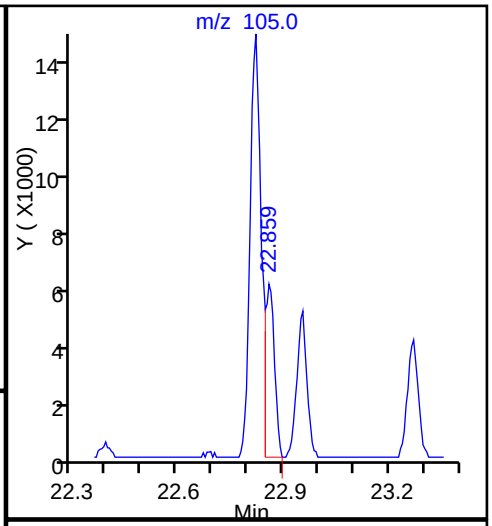
TestAmerica Burlington

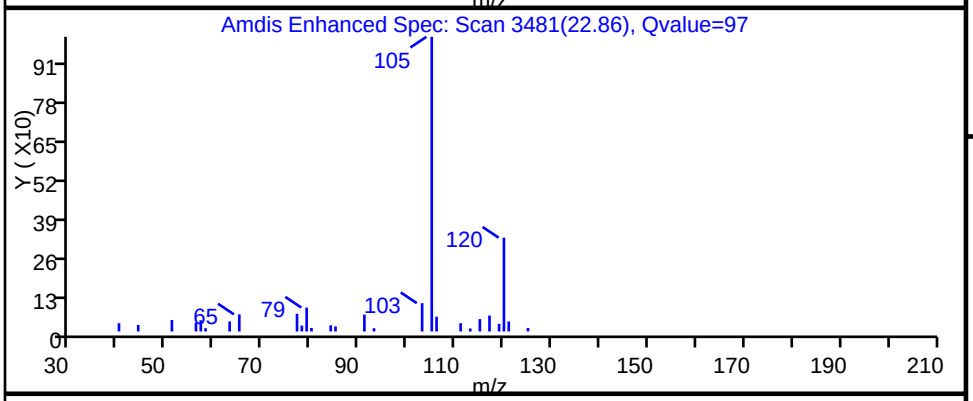
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

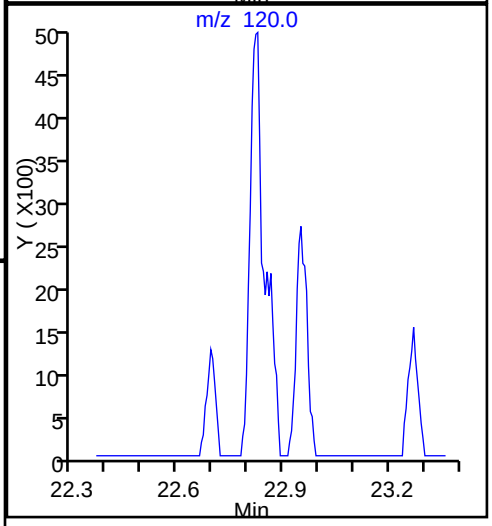
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6
Client ID:	101VMP0201FC		
Operator ID:	bpl	ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

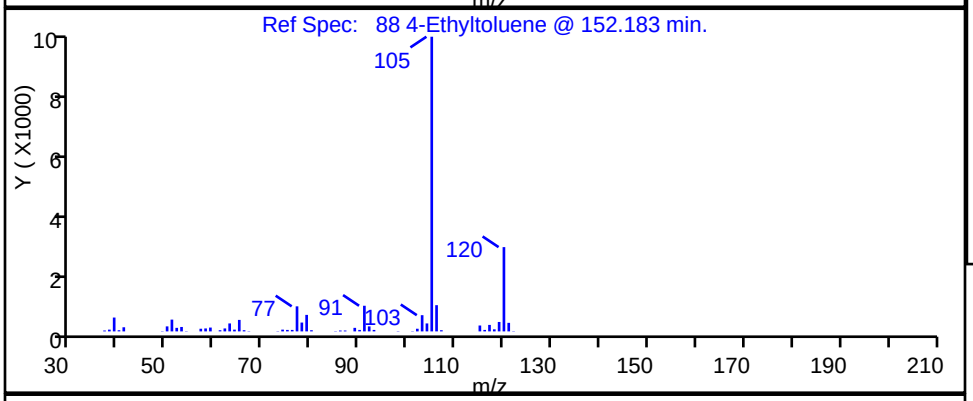
88 4-Ethyltoluene, CAS: 622-96-8

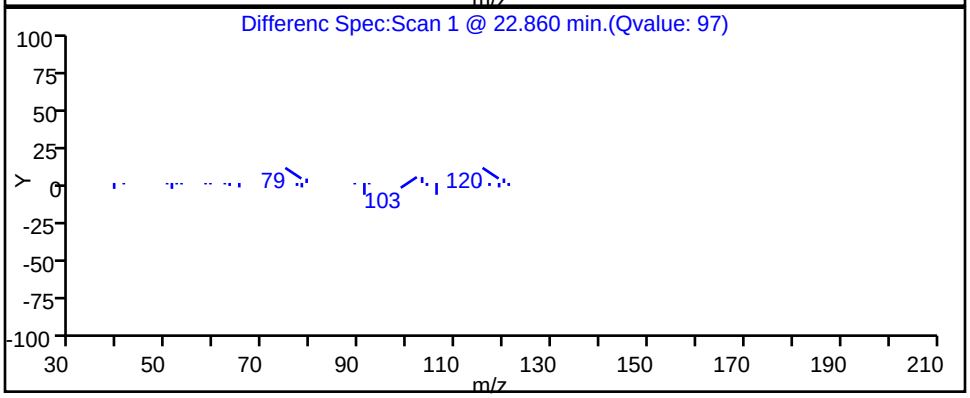












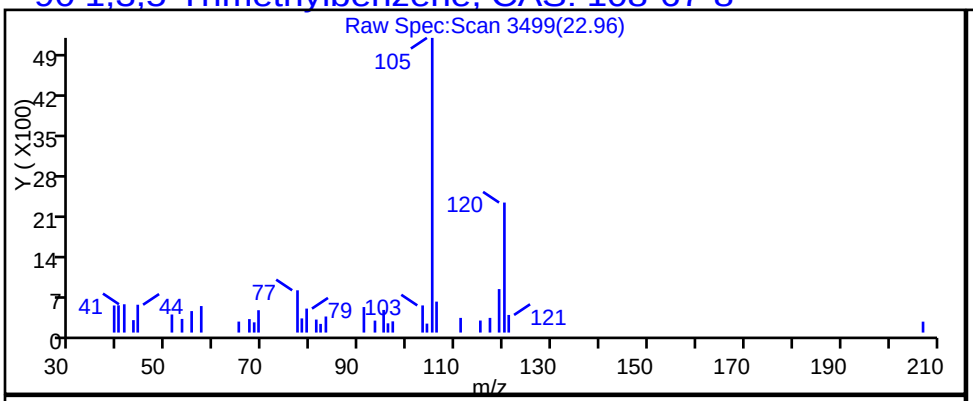
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

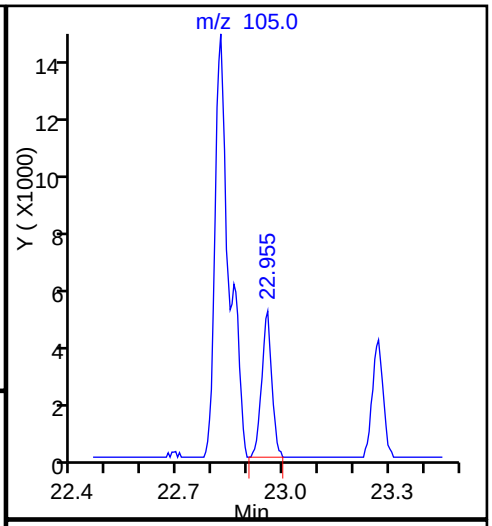
TestAmerica Burlington

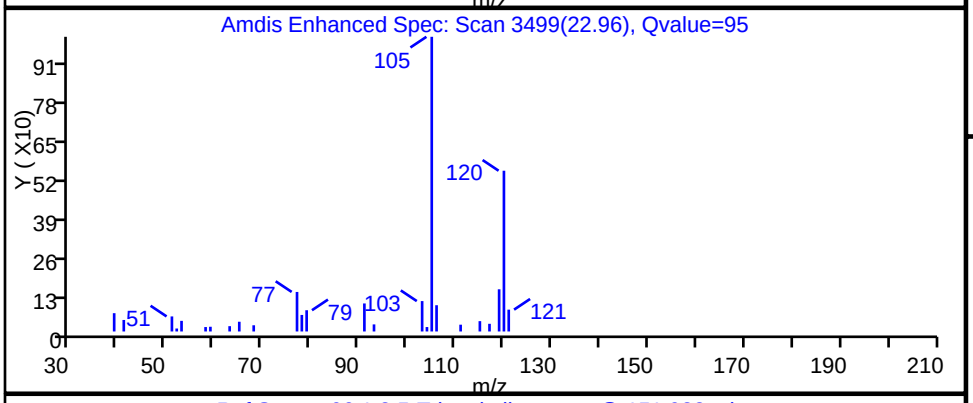
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

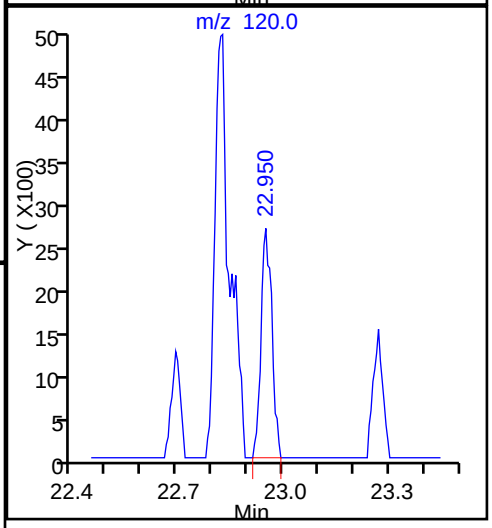
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

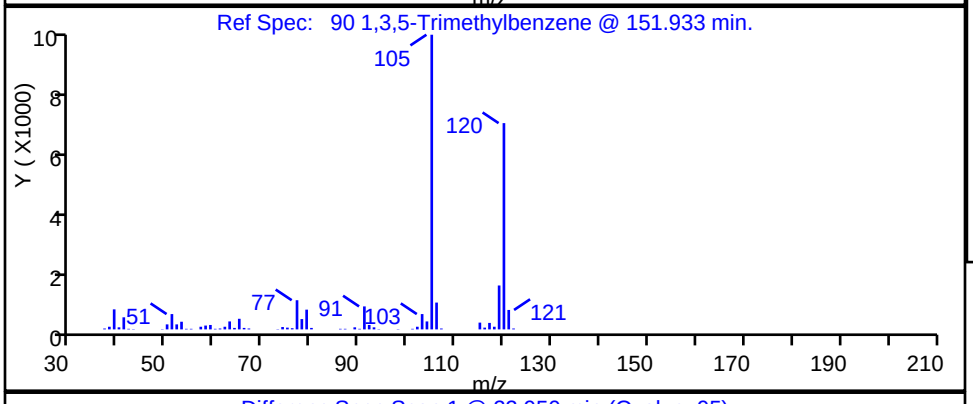
90 1,3,5-Trimethylbenzene, CAS: 108-67-8

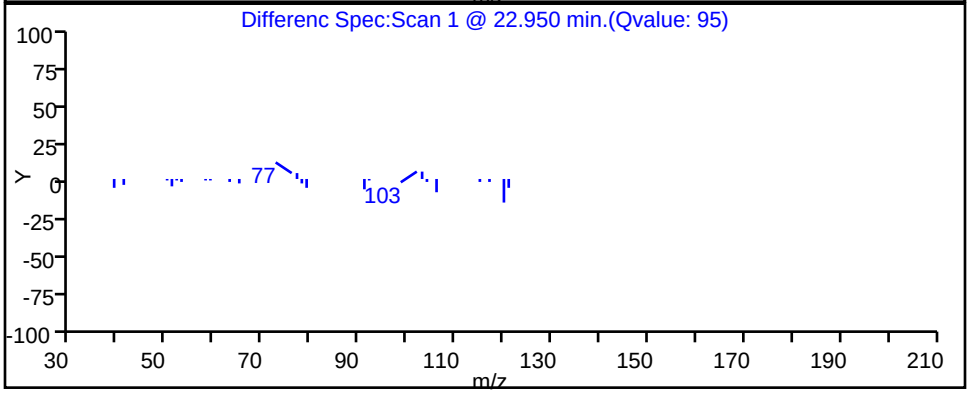










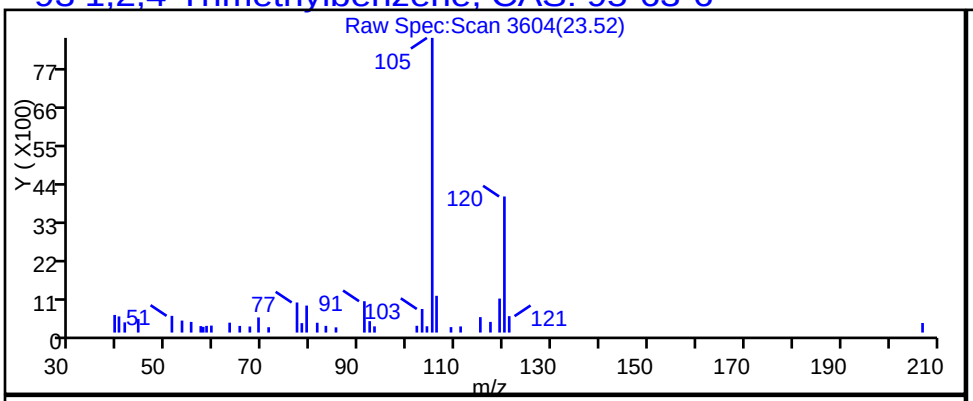


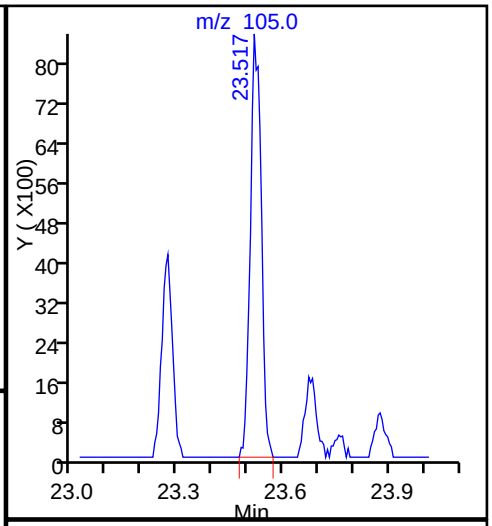
Report Date: 30-Jan-2015 11:21:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

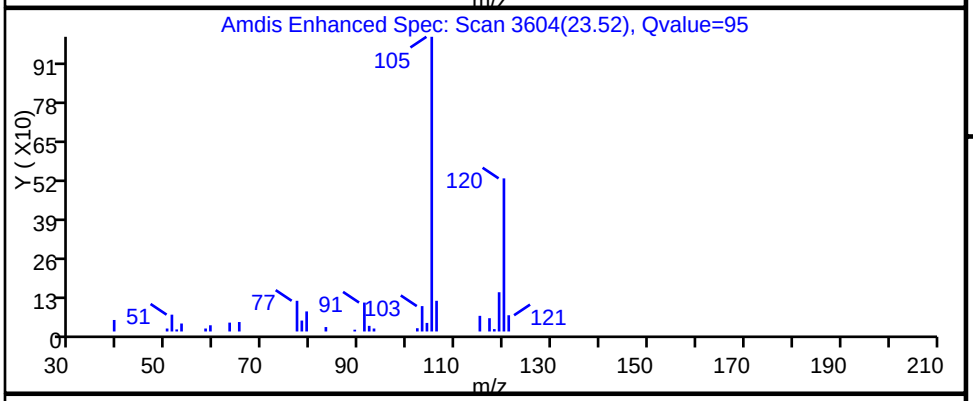
TestAmerica Burlington

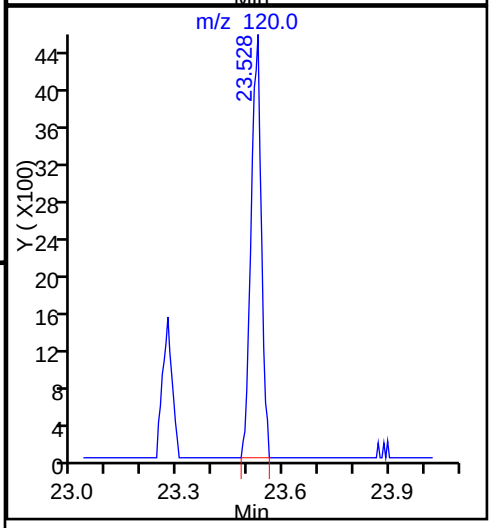
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

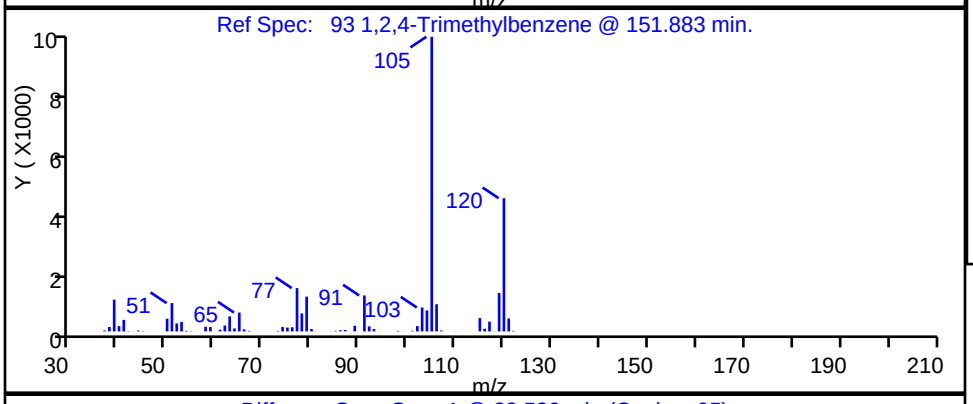
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

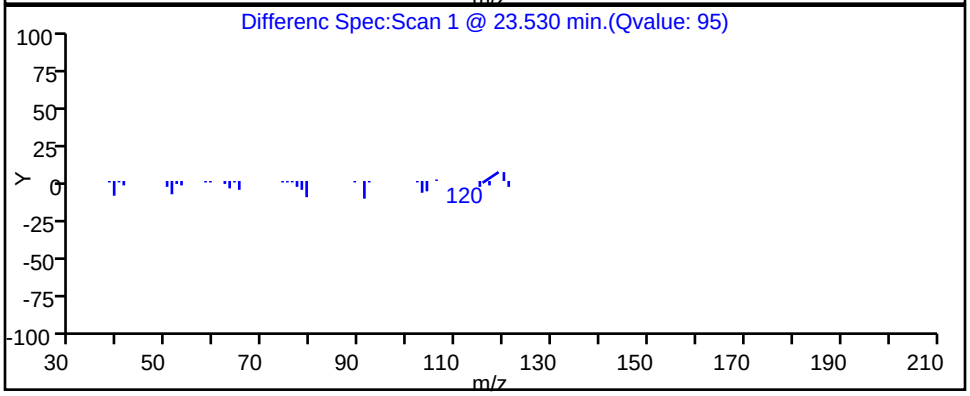












Manual Integration/User Assign Peak Report

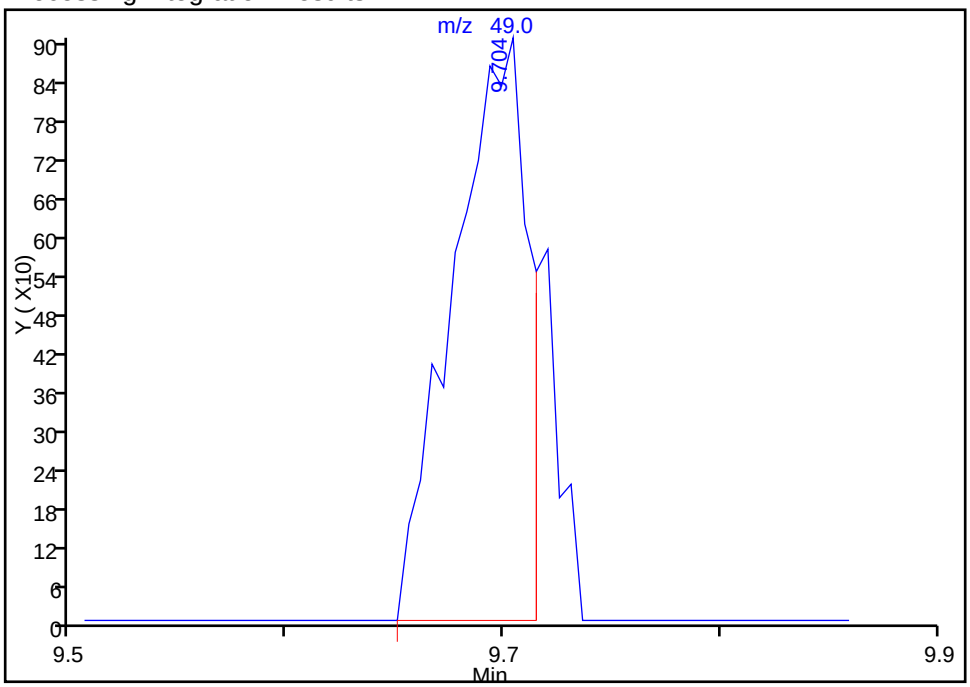
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

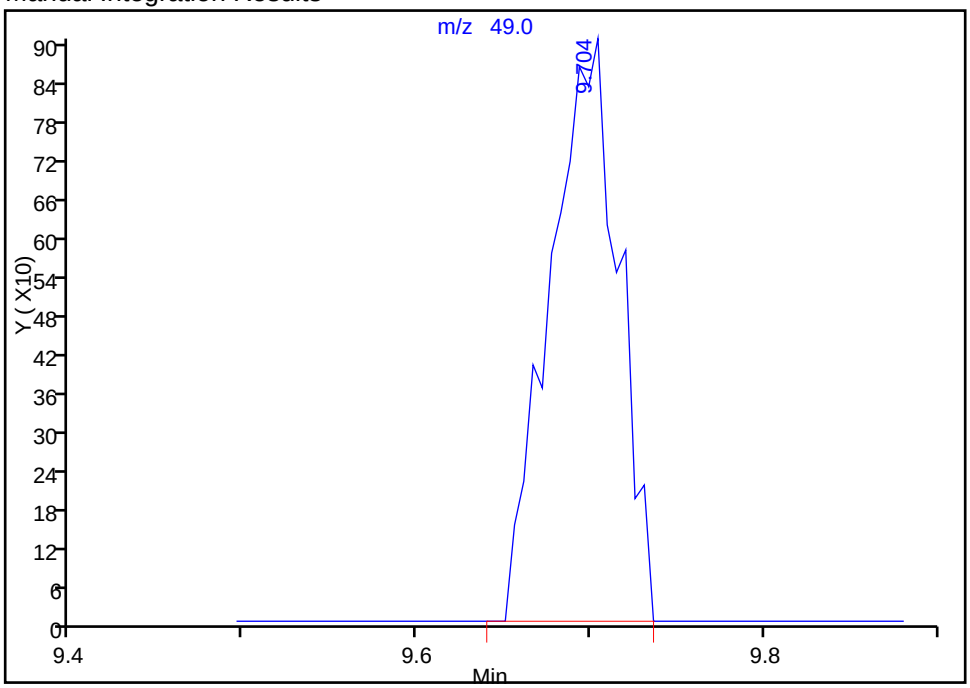
Processing Integration Results

RT: 9.70
Area: 2188
Amount: 0.128677
Amount Units: ppb v/v



Manual Integration Results

RT: 9.70
Area: 2503
Amount: 0.147202
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 10:11:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

TestAmerica Burlington

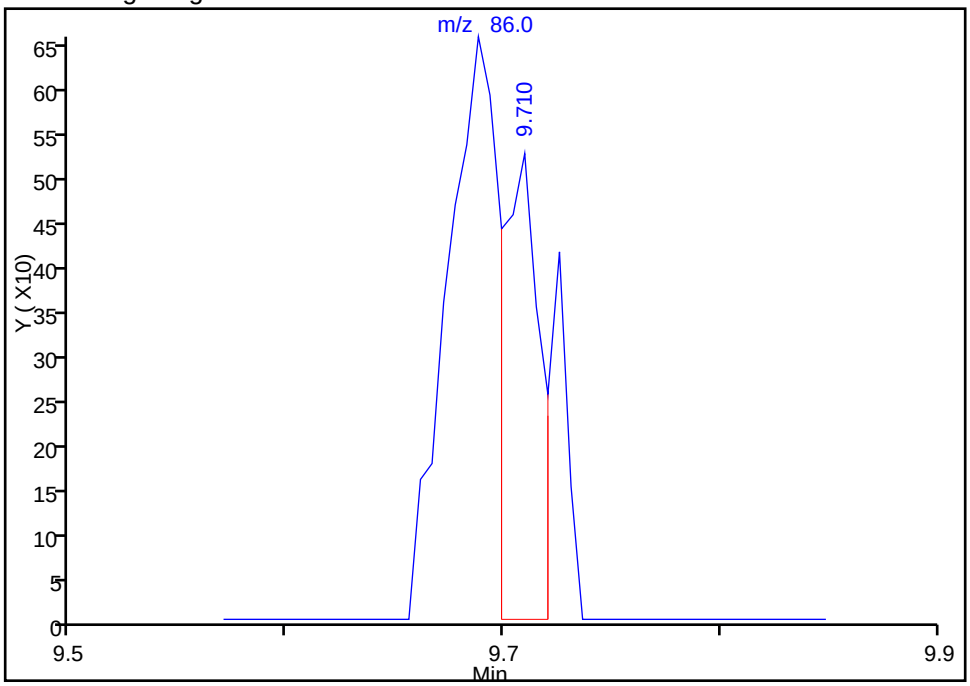
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d

Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

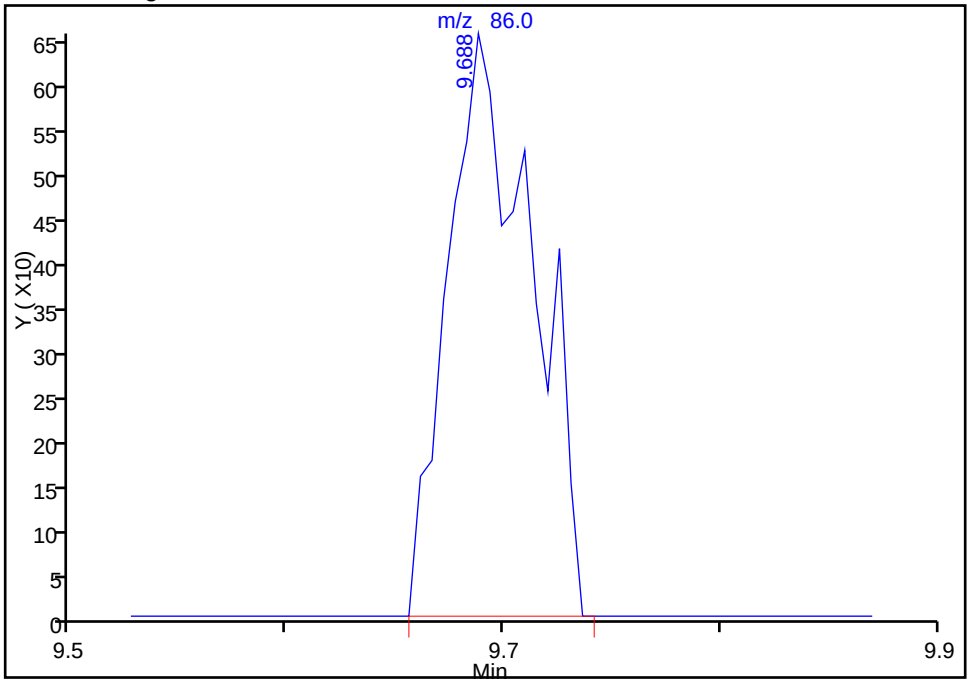
Processing Integration Results

RT: 9.71
Area: 652
Amount: 0.128677
Amount Units: ppb v/v



Manual Integration Results

RT: 9.69
Area: 1779
Amount: 0.147202
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 10:11:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

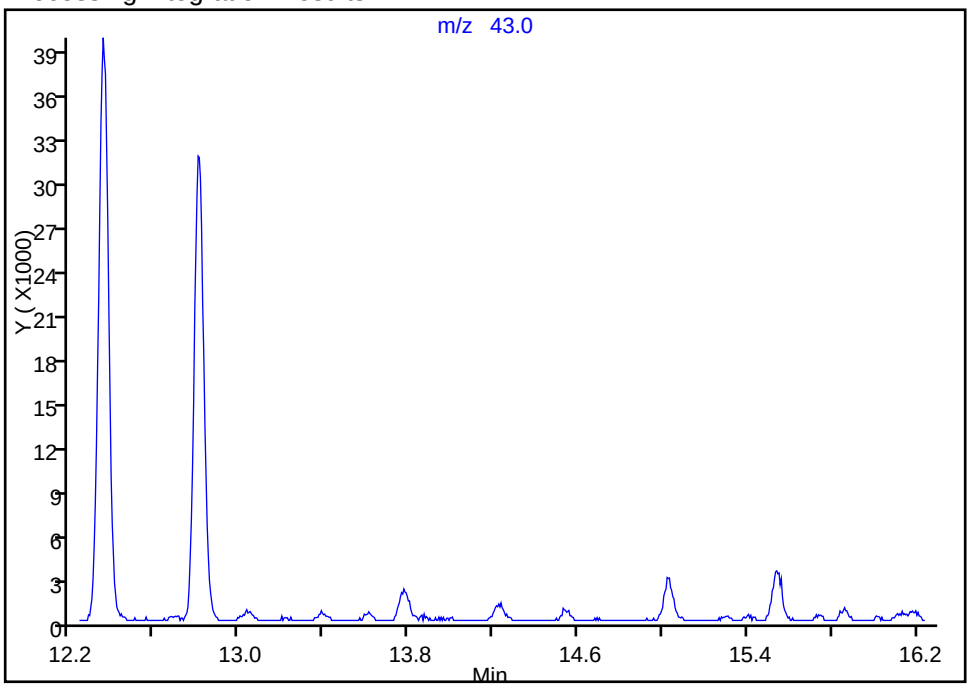
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5

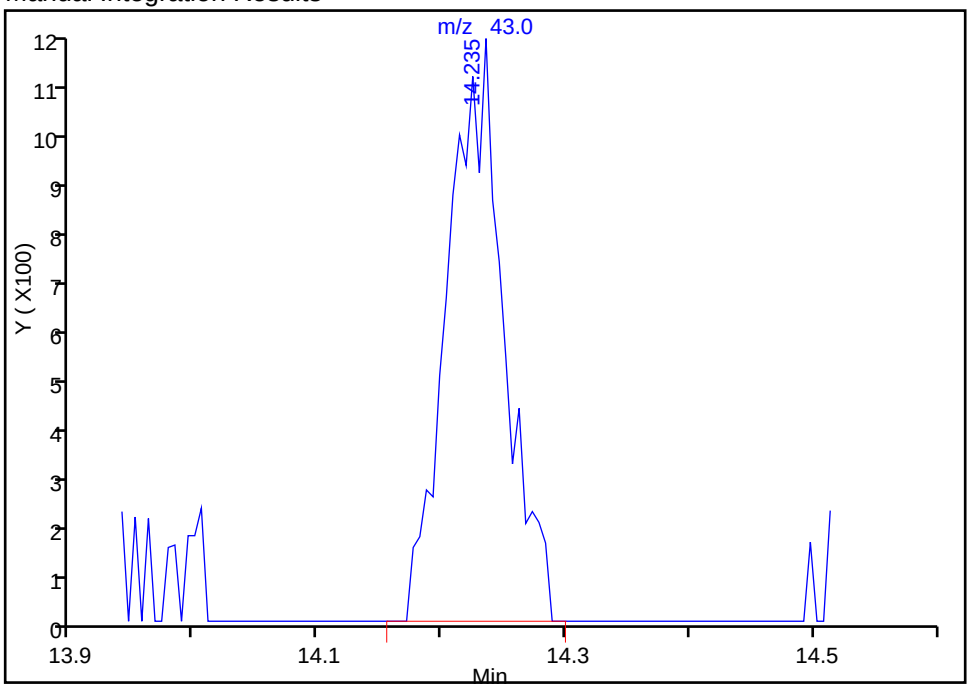
Processing Integration Results

Not Detected
Expected RT: 14.24



Manual Integration Results

RT: 14.24
Area: 3738
Amount: 0.155462
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 10:11:18
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

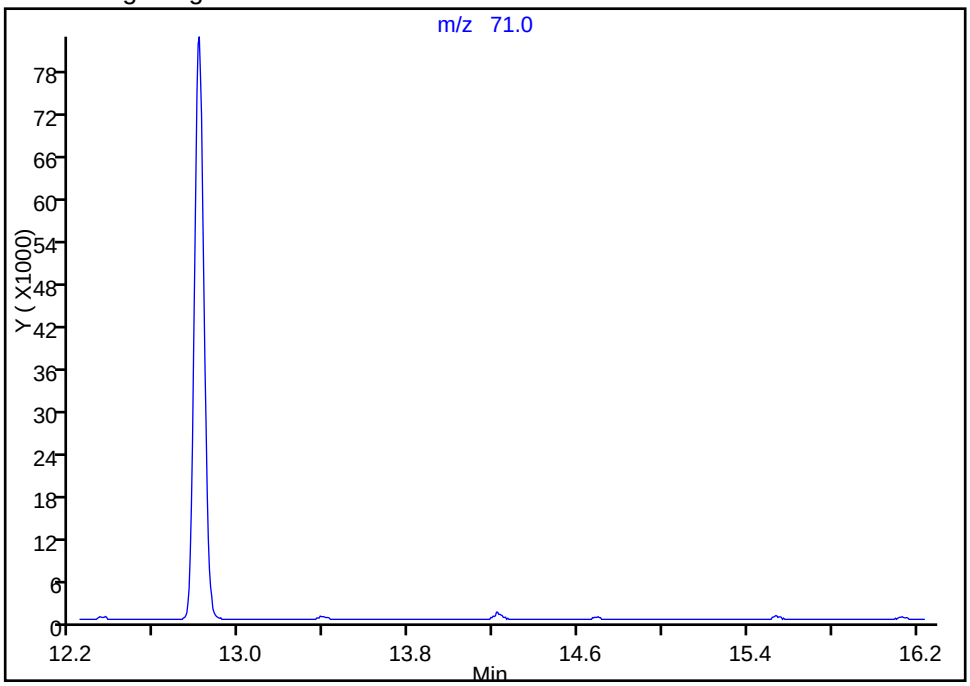
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5

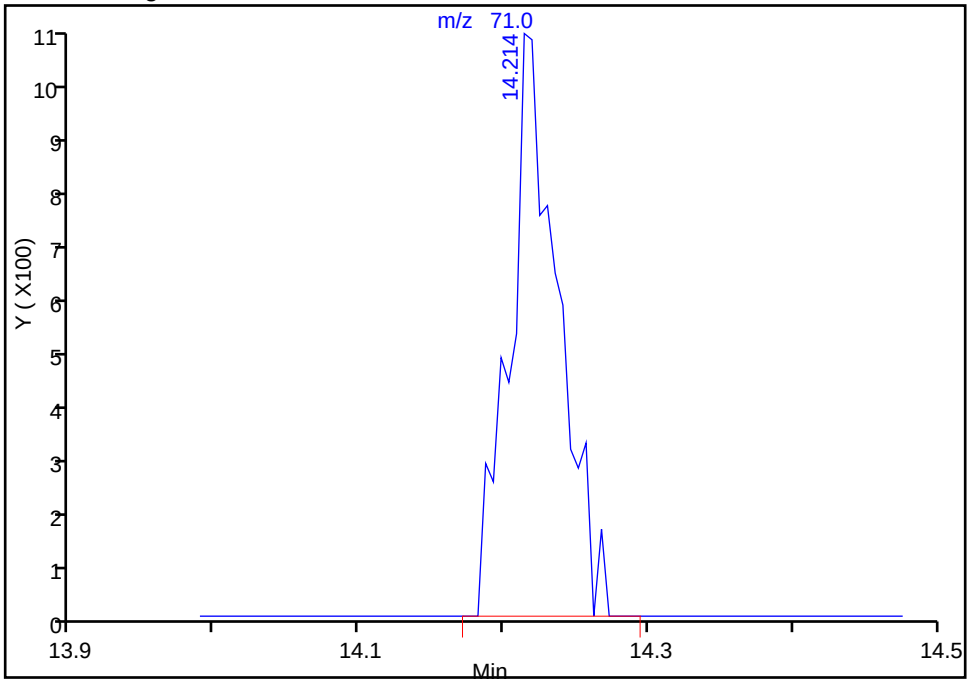
Not Detected
Expected RT: 14.24

Processing Integration Results



Manual Integration Results

RT: 14.21
Area: 2392
Amount: 0.155462
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 10:11:18
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

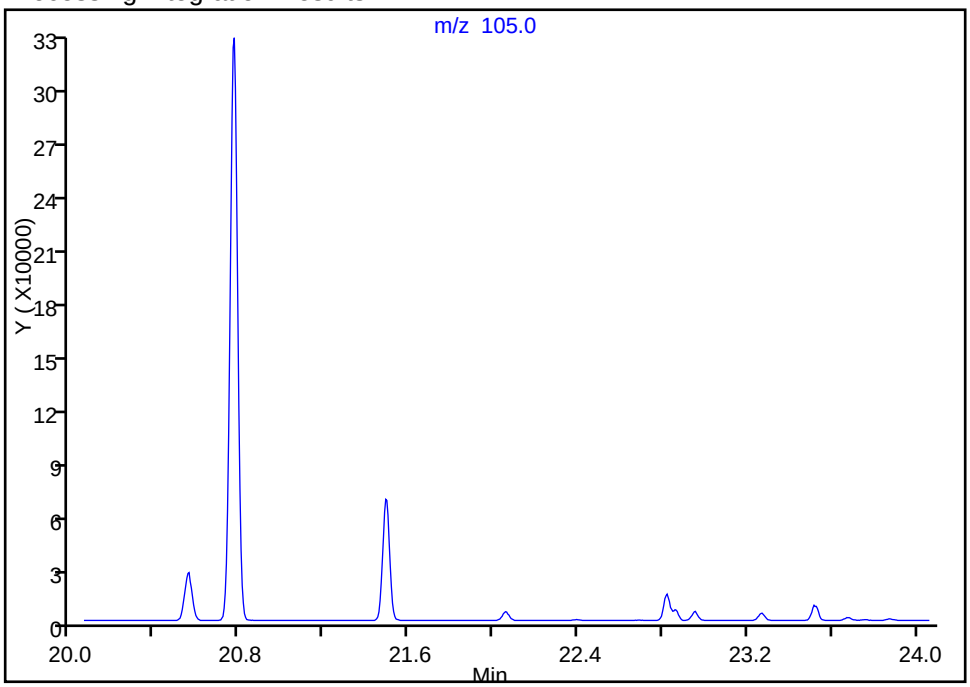
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

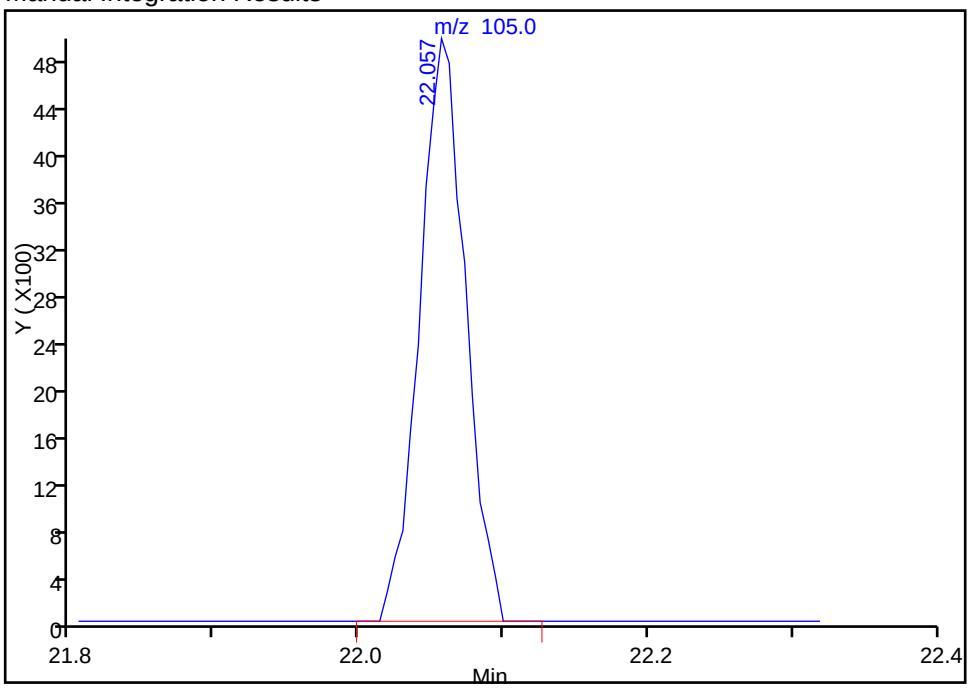
Processing Integration Results

Not Detected
Expected RT: 22.06



Manual Integration Results

RT: 22.06
Area: 10850
Amount: 0.089605
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 10:11:18
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

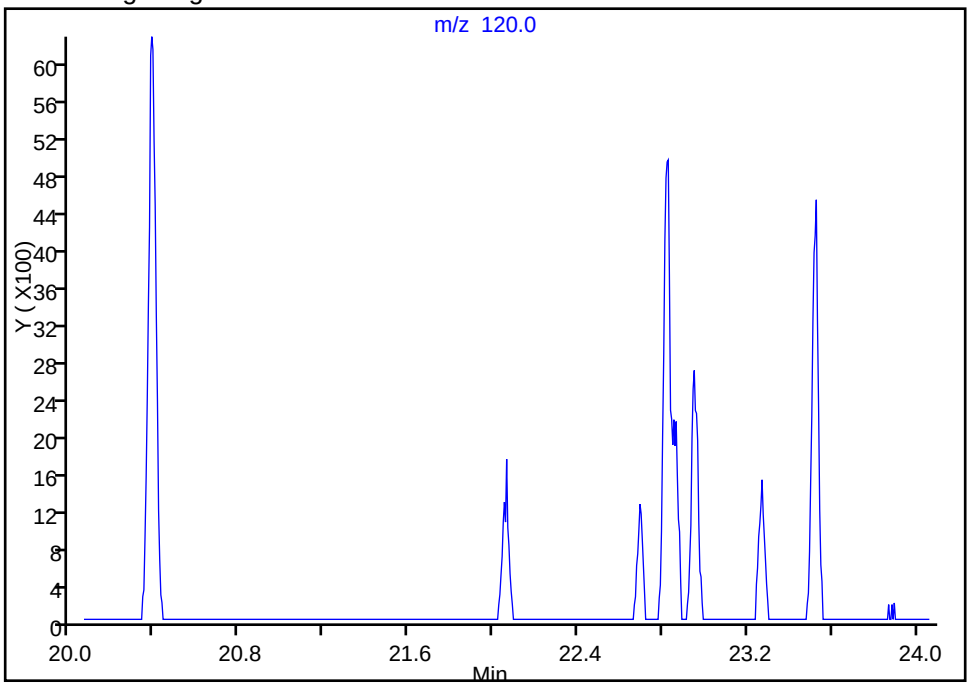
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

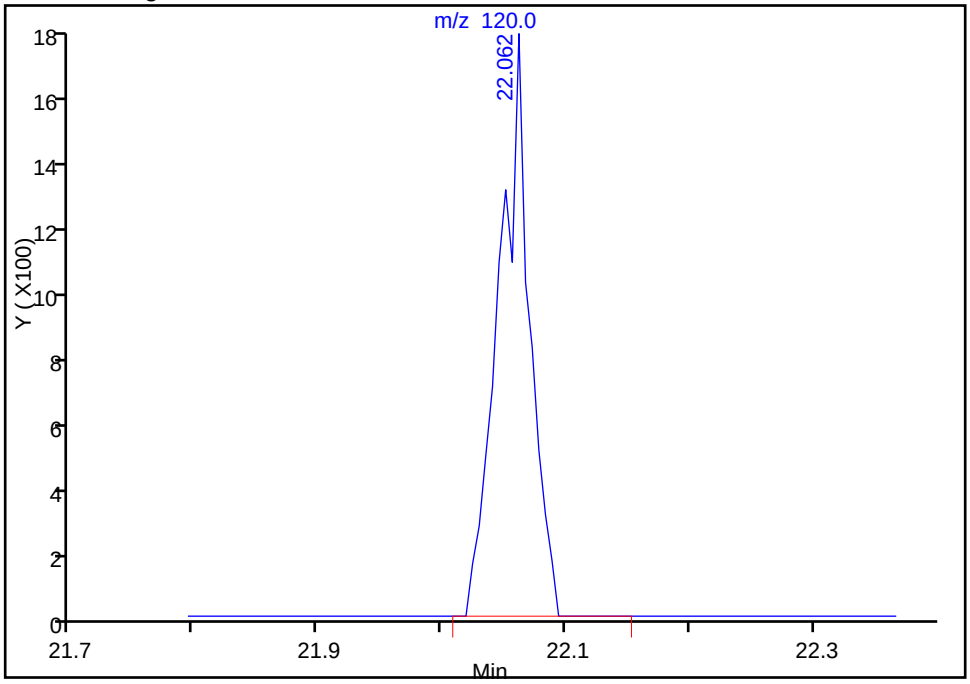
Processing Integration Results

Not Detected
Expected RT: 22.06



Manual Integration Results

RT: 22.06
Area: 3023
Amount: 0.089605
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 10:11:18
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

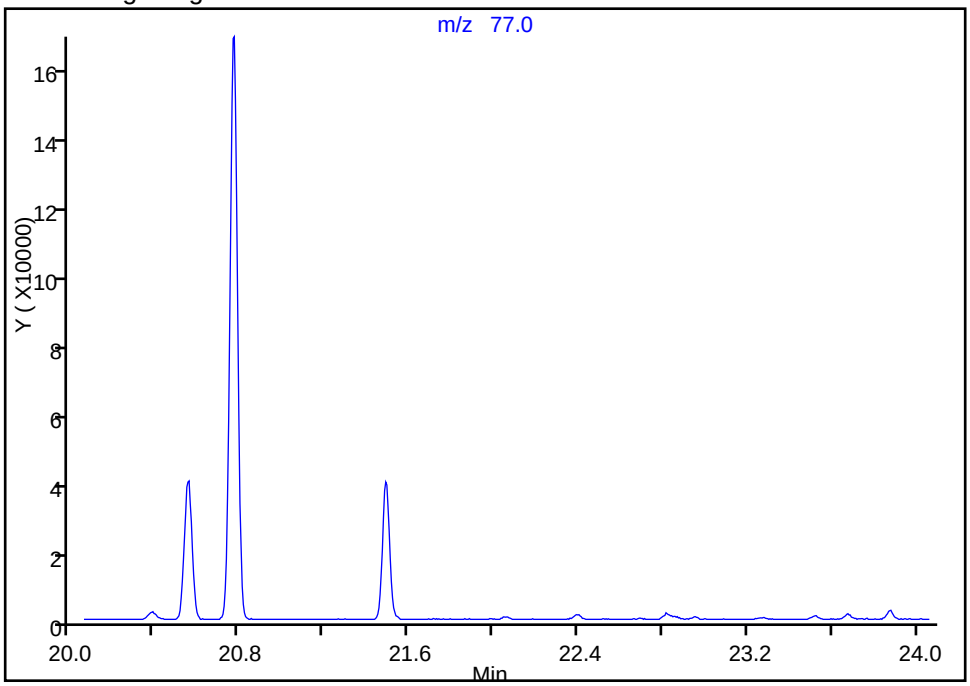
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_010.d				
Injection Date:	30-Jan-2015 09:23:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-6	Lab Sample ID:	200-64806-6		
Client ID:	101VMP0201FC				
Operator ID:	bpl	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	3.0300		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

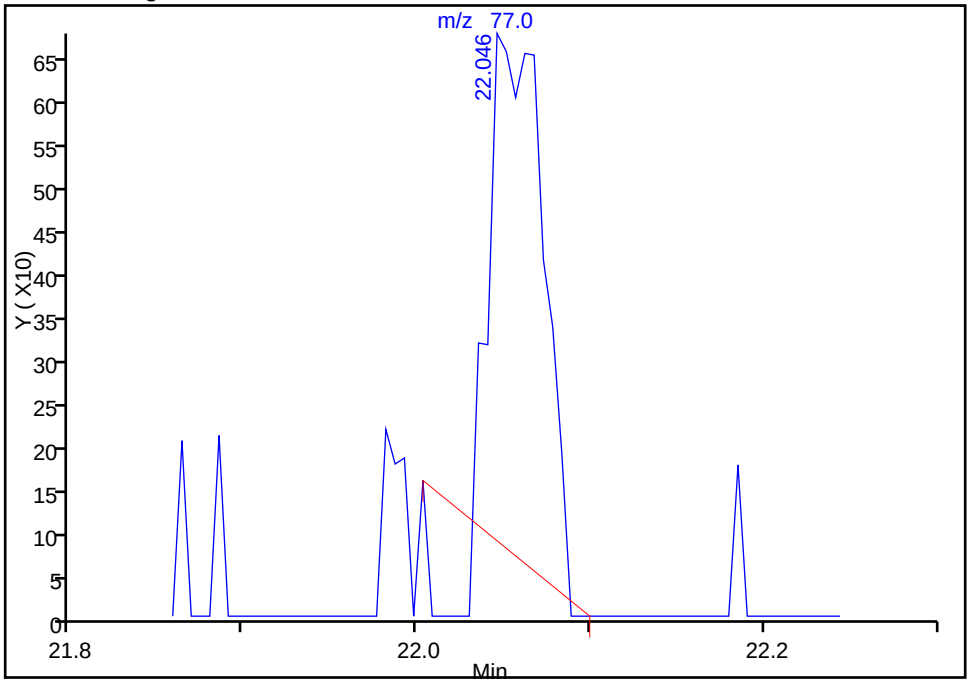
Not Detected
Expected RT: 22.06

Processing Integration Results



Manual Integration Results

RT: 22.05
Area: 1109
Amount: 0.089605
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 10:11:18
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0305FA Lab Sample ID: 280-64806-7

Matrix: Air Lab File ID: 11847-028.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:05

Sample wt/vol: 47(mL) Date Analyzed: 01/29/2015 08:58

Soil Aliquot Vol: Dilution Factor: 14.9

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.0	U	7.5	0.83
75-45-6	Freon 22	86.47	3.0	U	7.5	1.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.2	U	3.0	0.77
74-87-3	Chloromethane	50.49	3.0	U	7.5	0.89
106-97-8	n-Butane	58.12	12	D	7.5	2.7
75-01-4	Vinyl chloride	62.50	0.45	U	3.0	0.39
106-99-0	1,3-Butadiene	54.09	1.2	U	3.0	0.54
74-83-9	Bromomethane	94.94	1.2	U	3.0	0.66
75-00-3	Chloroethane	64.52	1.2	U	7.5	0.91
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.45	U	3.0	0.30
75-69-4	Trichlorofluoromethane	137.37	1.2	U	3.0	0.67
76-13-1	Freon TF	187.38	1.2	U	3.0	0.61
75-35-4	1,1-Dichloroethene	96.94	0.45	U	3.0	0.15
67-64-1	Acetone	58.08	410	D	75	10
67-63-0	Isopropyl alcohol	60.10	140	D	75	2.2
75-15-0	Carbon disulfide	76.14	1.2	U	7.5	0.45
107-05-1	3-Chloropropene	76.53	3.0	U	7.5	2.4
75-09-2	Methylene Chloride	84.93	3.1	J D	7.5	1.8
75-65-0	tert-Butyl alcohol	74.12	3.0	U	75	1.8
1634-04-4	Methyl tert-butyl ether	88.15	0.45	U	3.0	0.33
156-60-5	trans-1,2-Dichloroethene	96.94	0.45	U	3.0	0.40
110-54-3	n-Hexane	86.17	0.45	U	3.0	0.42
75-34-3	1,1-Dichloroethane	98.96	0.45	U	3.0	0.42
78-93-3	Methyl Ethyl Ketone	72.11	3.0	U	7.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	1.2	U	3.0	0.45
540-59-0	1,2-Dichloroethene, Total	96.94	1.2	U	3.0	0.79
67-66-3	Chloroform	119.38	1.2	U	3.0	0.57
109-99-9	Tetrahydrofuran	72.11	3.0	U	75	2.7
71-55-6	1,1,1-Trichloroethane	133.41	1.2	U	3.0	0.45
110-82-7	Cyclohexane	84.16	0.45	U	3.0	0.15
56-23-5	Carbon tetrachloride	153.81	0.45	U	3.0	0.16
540-84-1	2,2,4-Trimethylpentane	114.23	0.45	U	3.0	0.34
71-43-2	Benzene	78.11	0.61	J D	3.0	0.43
107-06-2	1,2-Dichloroethane	98.96	1.2	U	3.0	0.77

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0305FA | Lab Sample ID: 280-64806-7

Matrix: Air | Lab File ID: 11847-028.D

Analysis Method: TO-15 | Date Collected: 01/21/2015 11:05

Sample wt/vol: 47(mL) | Date Analyzed: 01/29/2015 08:58

Soil Aliquot Vol: | Dilution Factor: 14.9

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83910 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.2	U	3.0	0.55
79-01-6	Trichloroethene	131.39	0.45	U	3.0	0.45
80-62-6	Methyl methacrylate	100.12	3.0	U	7.5	1.4
78-87-5	1,2-Dichloropropane	112.99	1.2	U	3.0	0.52
123-91-1	1,4-Dioxane	88.11	3.0	U	75	2.4
75-27-4	Bromodichloromethane	163.83	0.45	U	3.0	0.43
10061-01-5	cis-1,3-Dichloropropene	110.97	0.45	U	3.0	0.43
108-10-1	methyl isobutyl ketone	100.16	3.0	U	7.5	2.7
108-88-3	Toluene	92.14	13	D	3.0	0.37
10061-02-6	trans-1,3-Dichloropropene	110.97	0.45	U	3.0	0.39
79-00-5	1,1,2-Trichloroethane	133.41	1.2	U	3.0	0.55
127-18-4	Tetrachloroethene	165.83	0.45	U	3.0	0.45
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	3.0	U	7.5	2.5
124-48-1	Dibromochloromethane	208.29	0.45	U	3.0	0.30
106-93-4	1,2-Dibromoethane	187.87	0.45	U	3.0	0.27
108-90-7	Chlorobenzene	112.56	0.45	U	3.0	0.27
100-41-4	Ethylbenzene	106.17	0.62	J D	3.0	0.30
179601-23-1	m,p-Xylene	106.17	1.9	J D	7.5	0.37
95-47-6	Xylene, o-	106.17	0.61	J D	3.0	0.27
1330-20-7	Xylene (total)	106.17	2.5	J	3.0	0.61
100-42-5	Styrene	104.15	0.45	U	3.0	0.24
75-25-2	Bromoform	252.75	0.45	U	3.0	0.37
98-82-8	Cumene	120.19	0.45	U	3.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.2	U	3.0	0.51
103-65-1	n-Propylbenzene	120.19	0.45	U	3.0	0.40
622-96-8	4-Ethyltoluene	120.20	0.45	U	3.0	0.30
108-67-8	1,3,5-Trimethylbenzene	120.20	0.45	U	3.0	0.28
95-49-8	2-Chlorotoluene	126.59	1.2	U	3.0	0.46
98-06-6	tert-Butylbenzene	134.22	0.45	U	3.0	0.30
95-63-6	1,2,4-Trimethylbenzene	120.20	0.87	J D	3.0	0.24
135-98-8	sec-Butylbenzene	134.22	0.45	U	3.0	0.31
99-87-6	4-Isopropyltoluene	134.22	0.45	U	3.0	0.30
541-73-1	1,3-Dichlorobenzene	147.00	0.45	U	3.0	0.30
106-46-7	1,4-Dichlorobenzene	147.00	0.45	U	3.0	0.28

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0305FA Lab Sample ID: 280-64806-7

Matrix: Air Lab File ID: 11847-028.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:05

Sample wt/vol: 47(mL) Date Analyzed: 01/29/2015 08:58

Soil Aliquot Vol: Dilution Factor: 14.9

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.45	U	3.0	0.27
104-51-8	n-Butylbenzene	134.22	0.45	U	3.0	0.42
95-50-1	1,2-Dichlorobenzene	147.00	0.45	U	3.0	0.27
120-82-1	1,2,4-Trichlorobenzene	181.45	1.2	U	7.5	0.51
87-68-3	Hexachlorobutadiene	260.76	1.2	U	3.0	0.54
91-20-3	Naphthalene	128.17	1.2	U	7.5	0.45

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0305FA Lab Sample ID: 280-64806-7

Matrix: Air Lab File ID: 11847-028.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:05

Sample wt/vol: 47(mL) Date Analyzed: 01/29/2015 08:58

Soil Aliquot Vol: Dilution Factor: 14.9

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	15	U	37	4.1
75-45-6	Freon 22	86.47	11	U	26	4.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	8.3	U	21	5.4
74-87-3	Chloromethane	50.49	6.2	U	15	1.8
106-97-8	n-Butane	58.12	28	D	18	6.4
75-01-4	Vinyl chloride	62.50	1.1	U	7.6	0.99
106-99-0	1,3-Butadiene	54.09	2.6	U	6.6	1.2
74-83-9	Bromomethane	94.94	4.6	U	12	2.5
75-00-3	Chloroethane	64.52	3.1	U	20	2.4
593-60-2	Bromoethene(Vinyl Bromide)	106.96	2.0	U	13	1.3
75-69-4	Trichlorofluoromethane	137.37	6.7	U	17	3.8
76-13-1	Freon TF	187.38	9.1	U	23	4.7
75-35-4	1,1-Dichloroethene	96.94	1.8	U	12	0.59
67-64-1	Acetone	58.08	970	D	180	24
67-63-0	Isopropyl alcohol	60.10	350	D	180	5.5
75-15-0	Carbon disulfide	76.14	3.7	U	23	1.4
107-05-1	3-Chloropropene	76.53	9.3	U	23	7.5
75-09-2	Methylene Chloride	84.93	11	J D	26	6.2
75-65-0	tert-Butyl alcohol	74.12	9.0	U	230	5.4
1634-04-4	Methyl tert-butyl ether	88.15	1.6	U	11	1.2
156-60-5	trans-1,2-Dichloroethene	96.94	1.8	U	12	1.6
110-54-3	n-Hexane	86.17	1.6	U	11	1.5
75-34-3	1,1-Dichloroethane	98.96	1.8	U	12	1.7
78-93-3	Methyl Ethyl Ketone	72.11	8.8	U	22	4.0
156-59-2	cis-1,2-Dichloroethene	96.94	4.7	U	12	1.8
540-59-0	1,2-Dichloroethene, Total	96.94	4.7	U	12	3.1
67-66-3	Chloroform	119.38	5.8	U	15	2.8
109-99-9	Tetrahydrofuran	72.11	8.8	U	220	7.9
71-55-6	1,1,1-Trichloroethane	133.41	6.5	U	16	2.4
110-82-7	Cyclohexane	84.16	1.5	U	10	0.51
56-23-5	Carbon tetrachloride	153.81	2.8	U	19	1.0
540-84-1	2,2,4-Trimethylpentane	114.23	2.1	U	14	1.6
71-43-2	Benzene	78.11	2.0	J D	9.5	1.4
107-06-2	1,2-Dichloroethane	98.96	4.8	U	12	3.1

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0305FA Lab Sample ID: 280-64806-7

Matrix: Air Lab File ID: 11847-028.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:05

Sample wt/vol: 47(mL) Date Analyzed: 01/29/2015 08:58

Soil Aliquot Vol: Dilution Factor: 14.9

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	4.9	U	12	2.3
79-01-6	Trichloroethene	131.39	2.4	U	16	2.4
80-62-6	Methyl methacrylate	100.12	12	U	31	5.9
78-87-5	1,2-Dichloropropane	112.99	5.5	U	14	2.4
123-91-1	1,4-Dioxane	88.11	11	U	270	8.6
75-27-4	Bromodichloromethane	163.83	3.0	U	20	2.9
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	14	2.0
108-10-1	methyl isobutyl ketone	100.16	12	U	31	11
108-88-3	Toluene	92.14	48	D	11	1.4
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	14	1.8
79-00-5	1,1,2-Trichloroethane	133.41	6.5	U	16	3.0
127-18-4	Tetrachloroethene	165.83	3.0	U	20	3.0
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	12	U	31	10
124-48-1	Dibromochloromethane	208.29	3.8	U	25	2.5
106-93-4	1,2-Dibromoethane	187.87	3.4	U	23	2.1
108-90-7	Chlorobenzene	112.56	2.1	U	14	1.2
100-41-4	Ethylbenzene	106.17	2.7	J D	13	1.3
179601-23-1	m,p-Xylene	106.17	8.0	J D	32	1.6
95-47-6	Xylene, o-	106.17	2.6	J D	13	1.2
1330-20-7	Xylene (total)	106.17	11	J	13	2.7
100-42-5	Styrene	104.15	1.9	U	13	1.0
75-25-2	Bromoform	252.75	4.6	U	31	3.9
98-82-8	Cumene	120.19	2.2	U	15	1.4
79-34-5	1,1,2,2-Tetrachloroethane	167.85	8.2	U	20	3.5
103-65-1	n-Propylbenzene	120.19	2.2	U	15	2.0
622-96-8	4-Ethyltoluene	120.20	2.2	U	15	1.5
108-67-8	1,3,5-Trimethylbenzene	120.20	2.2	U	15	1.4
95-49-8	2-Chlorotoluene	126.59	6.2	U	15	2.4
98-06-6	tert-Butylbenzene	134.22	2.5	U	16	1.6
95-63-6	1,2,4-Trimethylbenzene	120.20	4.3	J D	15	1.2
135-98-8	sec-Butylbenzene	134.22	2.5	U	16	1.7
99-87-6	4-Isopropyltoluene	134.22	2.5	U	16	1.6
541-73-1	1,3-Dichlorobenzene	147.00	2.7	U	18	1.8
106-46-7	1,4-Dichlorobenzene	147.00	2.7	U	18	1.7

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0305FA Lab Sample ID: 280-64806-7

Matrix: Air Lab File ID: 11847-028.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:05

Sample wt/vol: 47(mL) Date Analyzed: 01/29/2015 08:58

Soil Aliquot Vol: Dilution Factor: 14.9

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	2.3	U	15	1.4
104-51-8	n-Butylbenzene	134.22	2.5	U	16	2.3
95-50-1	1,2-Dichlorobenzene	147.00	2.7	U	18	1.6
120-82-1	1,2,4-Trichlorobenzene	181.45	8.8	U	55	3.8
87-68-3	Hexachlorobutadiene	260.76	13	U	32	5.7
91-20-3	Naphthalene	128.17	6.2	U	39	2.3

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D
Lims ID: 280-64806-A-7 Lab Sample ID: 200-64806-7
Client ID: 101IA0305FA
Sample Type: Client
Inject. Date: 29-Jan-2015 08:58:30 ALS Bottle#: 2 Worklist Smp#: 28
Purge Vol: 200.000 mL Dil. Factor: 14.9000
Sample Info: 200-0011847-028
Misc. Info.: 280-64806-7
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 29-Jan-2015 09:43:19 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: desjardinsb Date: 29-Jan-2015 09:43:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		3.119				ND	
3 Chlorodifluoromethane	51		3.167				ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.381				ND	
5 Chloromethane	50		3.520				ND	
6 Butane	43	3.712	3.718	-0.006	94	14317	0.7865	
7 Vinyl chloride	62		3.766				ND	
8 Butadiene	54		3.836				ND	
9 Bromomethane	94		4.515				ND	
10 Chloroethane	64		4.750				ND	
12 Vinyl bromide	106		5.136				ND	
13 Trichlorofluoromethane	101		5.221				ND	
18 1,1,2-Trichloro-1,2,2-trif	101		6.286				ND	
20 1,1-Dichloroethene	96		6.339				ND	
21 Acetone	43	6.575	6.585	-0.010	84	533633	27.5	
22 Carbon disulfide	76		6.735				ND	
23 Isopropyl alcohol	45	6.853	6.858	-0.005	97	148435	9.60	
24 3-Chloro-1-propene	41		7.126				ND	
26 Methylene Chloride	49	7.420	7.420	0.000	93	2949	0.2056	
28 2-Methyl-2-propanol	59		7.623				ND	
29 Methyl tert-butyl ether	73		7.805				ND	
30 trans-1,2-Dichloroethene	61		7.848				ND	
32 Hexane	57		8.222				ND	
33 1,1-Dichloroethane	63		8.736				ND	
35 cis-1,2-Dichloroethene	96		9.849				ND	
36 2-Butanone (MEK)	72		9.897				ND	
S 38 1,2-Dichloroethene, Total	61		10.000				ND	
39 Tetrahydrofuran	42		10.314				ND	
* 40 Chlorobromomethane	128	10.319	10.325	-0.006	93	125055	10.0	
41 Chloroform	83		10.453				ND	
42 Cyclohexane	84		10.689				ND	
43 1,1,1-Trichloroethane	97		10.731				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Carbon tetrachloride	117		10.977				ND	
45 Isooctane	57		11.411				ND	
46 Benzene	78	11.454	11.470	-0.016	1	1963	0.0412	
47 1,2-Dichloroethane	62		11.662				ND	
48 n-Heptane	43		11.801				ND	
* 50 1,4-Difluorobenzene	114	12.315	12.326	-0.011	95	749019	10.0	
52 Trichloroethene	95		12.802				ND	
53 1,2-Dichloropropane	63		13.401				ND	
54 Methyl methacrylate	69		13.551				ND	
55 1,4-Dioxane	88		13.615				ND	
57 Dichlorobromomethane	83		13.973				ND	
58 cis-1,3-Dichloropropene	75		14.947				ND	
61 4-Methyl-2-pentanone (MIBK	43		15.241				ND	
62 Toluene	92	15.551	15.557	-0.006	93	31184	0.8495	
67 trans-1,3-Dichloropropene	75		16.172				ND	
68 1,1,2-Trichloroethane	83		16.563				ND	
69 Tetrachloroethene	166		16.659				ND	
70 2-Hexanone	43		17.012				ND	
71 Chlorodibromomethane	129		17.349				ND	
72 Ethylene Dibromide	107		17.632				ND	
* 73 Chlorobenzene-d5	117	18.531	18.537	-0.006	88	741787	10.0	
74 Chlorobenzene	112		18.595				ND	
75 Ethylbenzene	91	18.740	18.740	0.000	95	3472	0.0417	
77 m-Xylene & p-Xylene	106	18.991	18.997	-0.006	98	4047	0.1243	
78 o-Xylene	106	19.799	19.804	-0.005	30	1267	0.0406	
79 Styrene	104		19.847				ND	
S 80 Xylenes, Total	106				0		0.1649	
81 Bromoform	173		20.254				ND	
82 Isopropylbenzene	105		20.430				ND	
* 83 4-Bromofluorobenzene	95	20.783	20.789	-0.006	90	557834	10.0	
85 1,1,2,2-Tetrachloroethane	83		21.051				ND	
86 N-Propylbenzene	91		21.110				ND	
89 4-Ethyltoluene	105		21.292				ND	
90 2-Chlorotoluene	91		21.308				ND	
91 1,3,5-Trimethylbenzene	105		21.388				ND	
93 tert-Butylbenzene	119		21.859				ND	
94 1,2,4-Trimethylbenzene	105	21.950	21.950	0.000	96	4809	0.0581	
95 sec-Butylbenzene	105		22.174				ND	
96 4-Isopropyltoluene	119		22.372				ND	
97 1,3-Dichlorobenzene	146		22.415				ND	
98 1,4-Dichlorobenzene	146		22.554				ND	
99 Benzyl chloride	91		22.763				ND	
101 n-Butylbenzene	91		22.966				ND	
102 1,2-Dichlorobenzene	146		23.116				ND	
104 1,2,4-Trichlorobenzene	180		25.775				ND	
105 Hexachlorobutadiene	225		25.962				ND	
106 Naphthalene	128		26.315				ND	

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

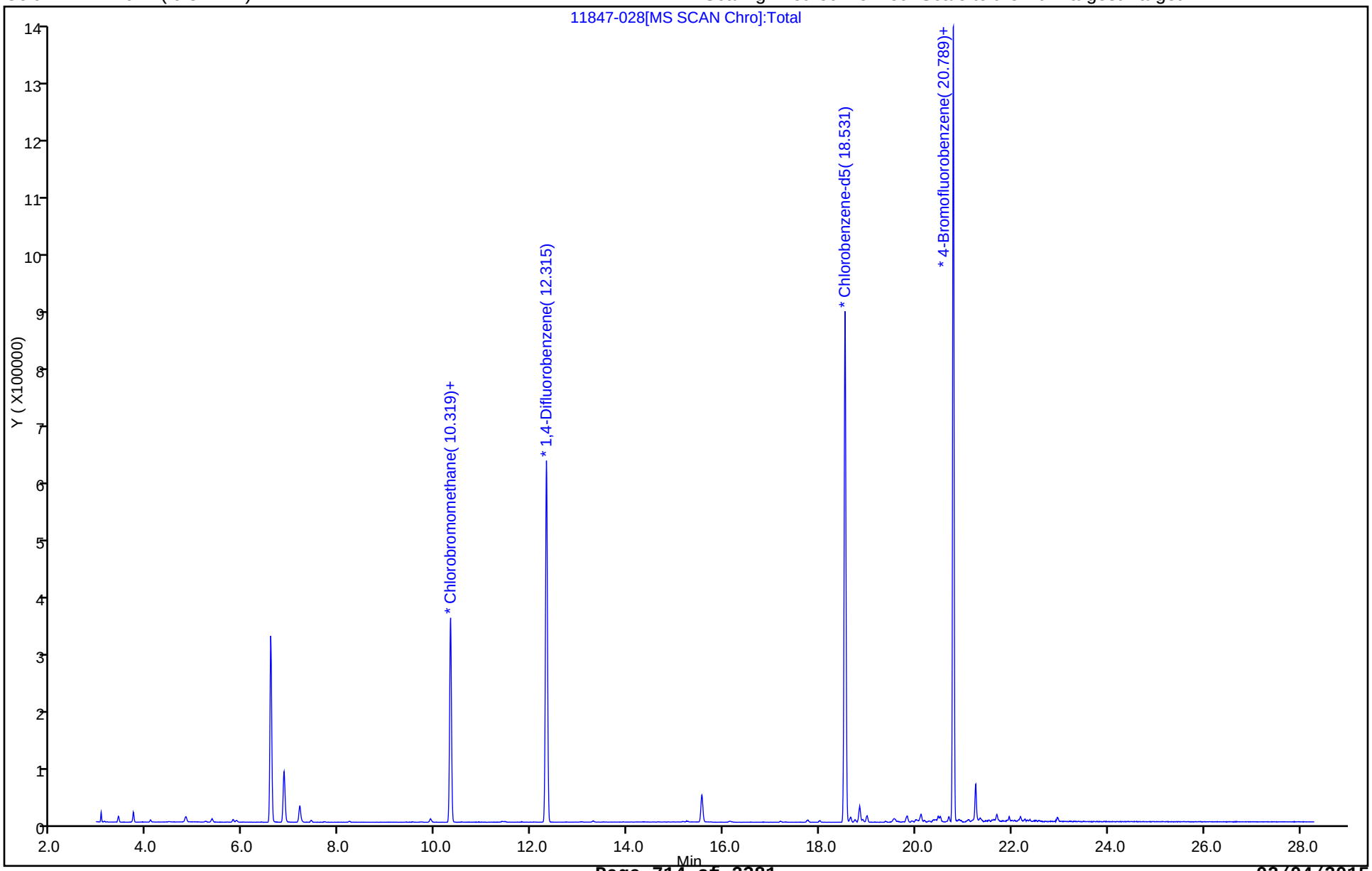
Report Date: 29-Jan-2015 09:43:20 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D

Injection Date:	29-Jan-2015 08:58:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	280-64806-A-7	Lab Sample ID:	200-64806-7	Worklist Smp#:	28
Client ID:	101IA0305FA				
Purge Vol:	200.000 mL	Dil. Factor:	14.9000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

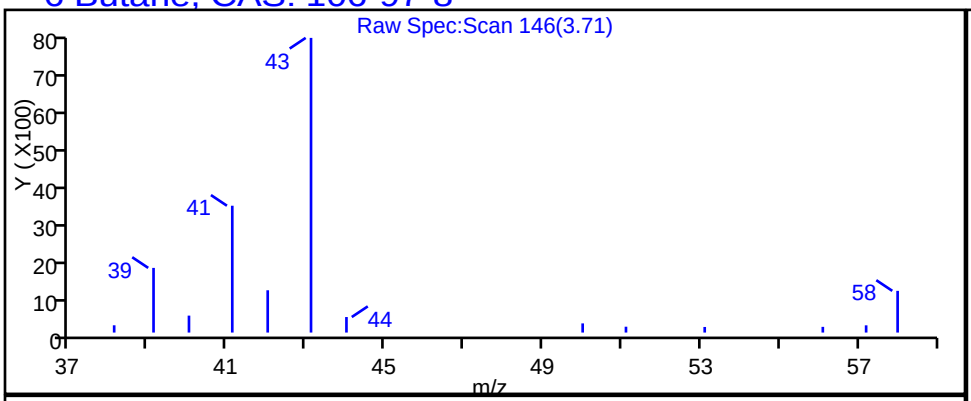
Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

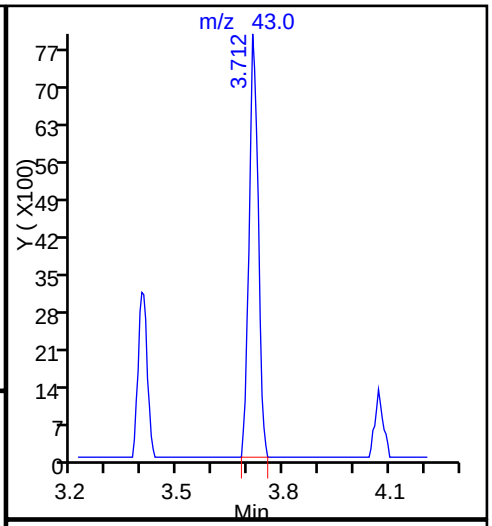


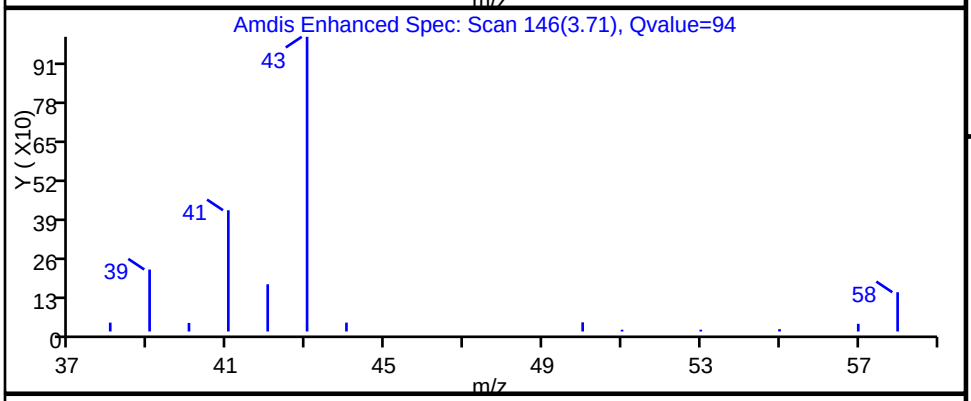
TestAmerica Burlington

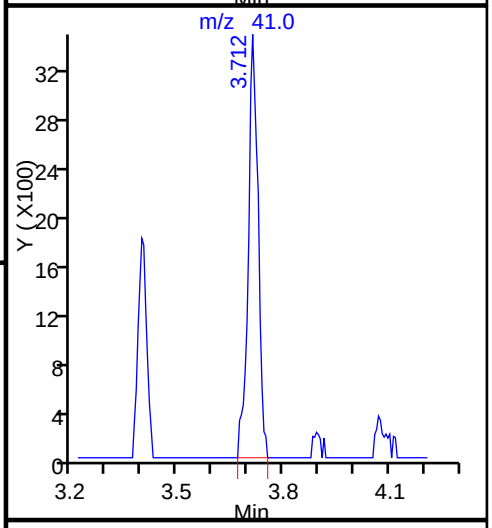
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D				
Injection Date:	29-Jan-2015 08:58:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-7	Lab Sample ID:	200-64806-7		
Client ID:	101IA0305FA				
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	14.9000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

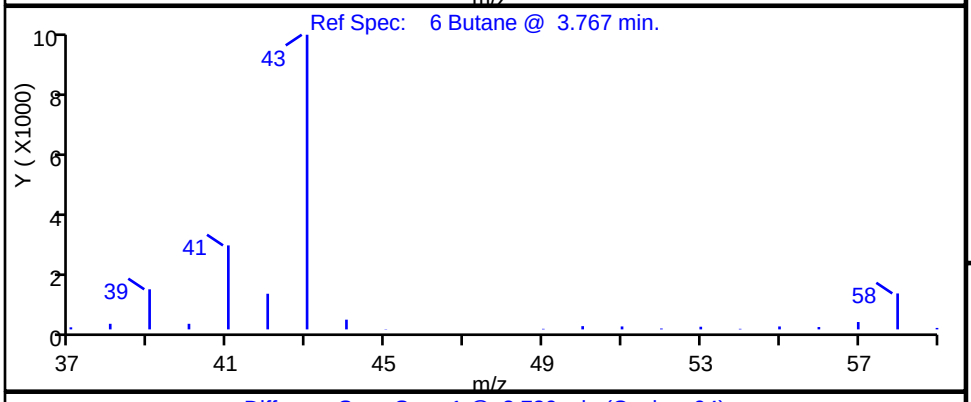
6 Butane, CAS: 106-97-8

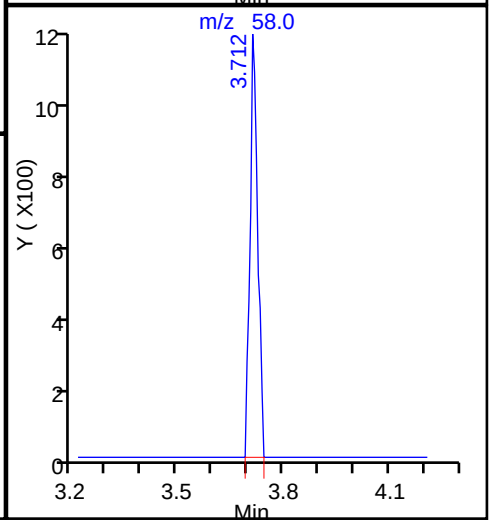


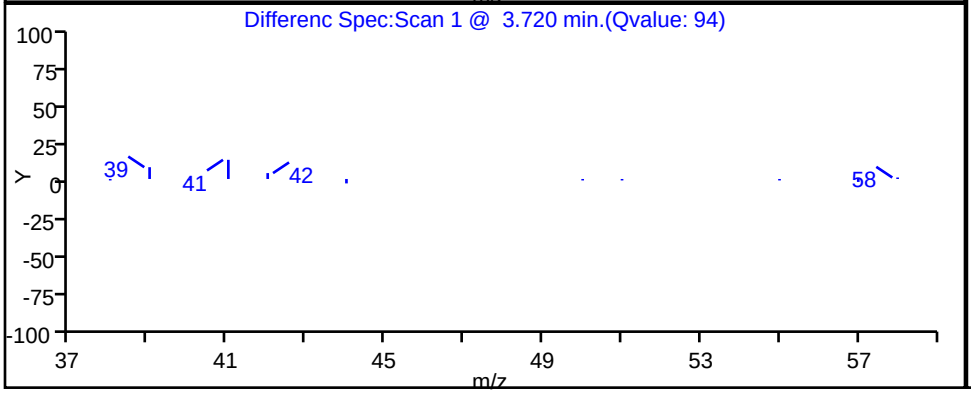












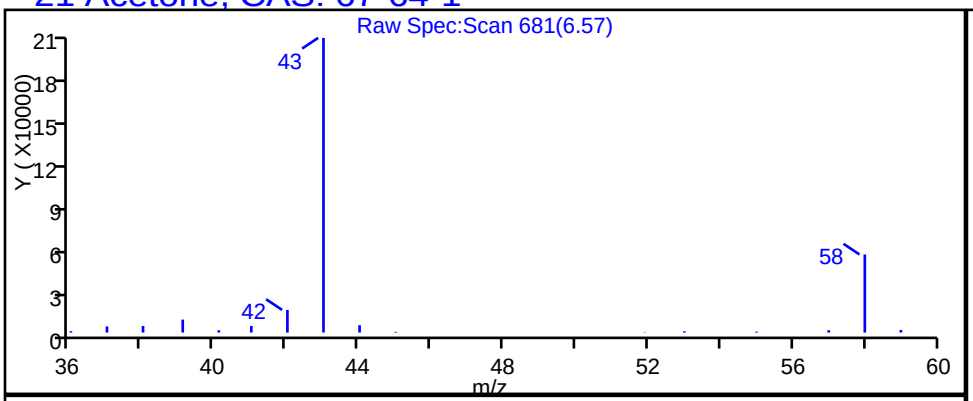
Report Date: 29-Jan-2015 09:43:20 Chrom Revision: 2.2 15-Jan-2015 13:05:58

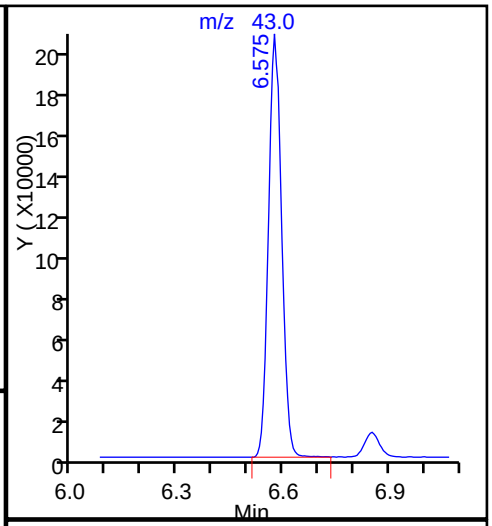
TestAmerica Burlington

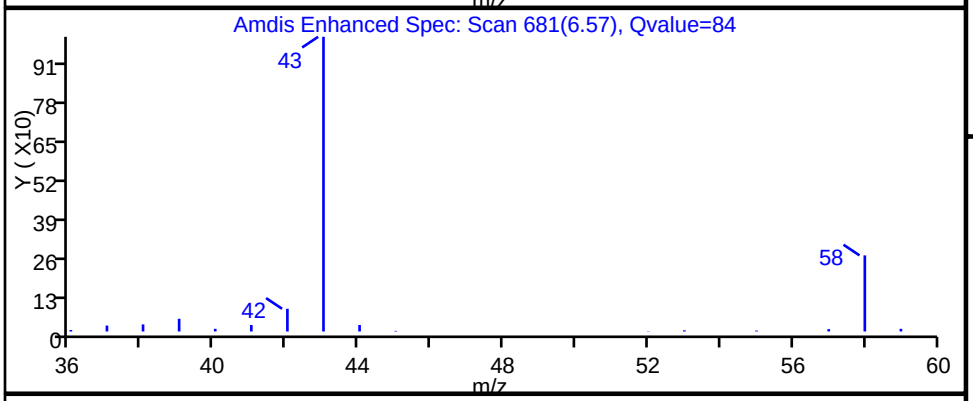
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D

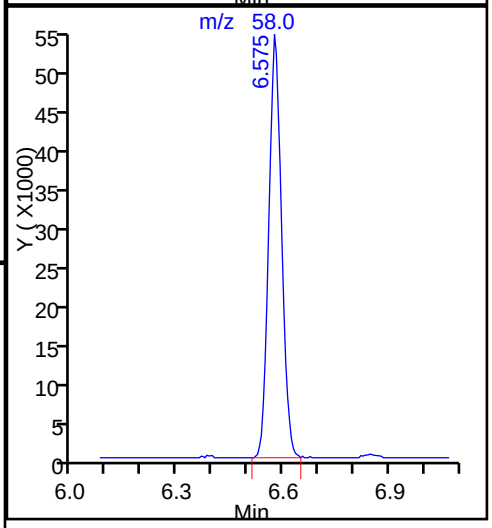
Injection Date:	29-Jan-2015 08:58:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-7	Lab Sample ID:	200-64806-7		
Client ID:	101IA0305FA				
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	14.9000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

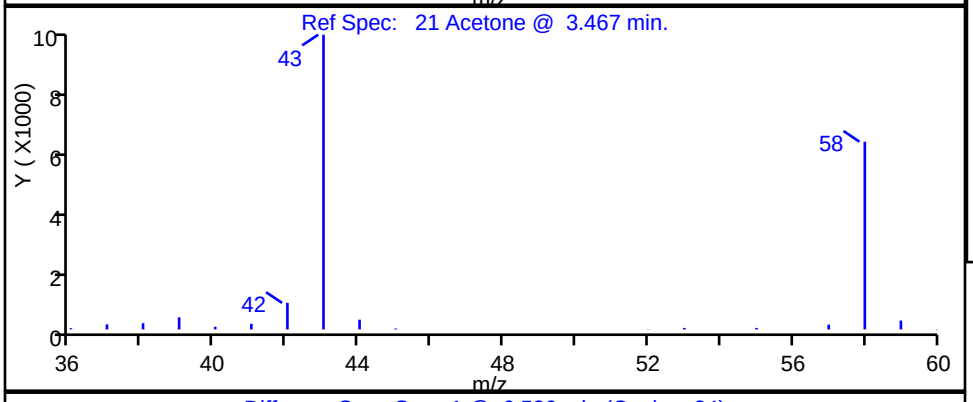
21 Acetone, CAS: 67-64-1

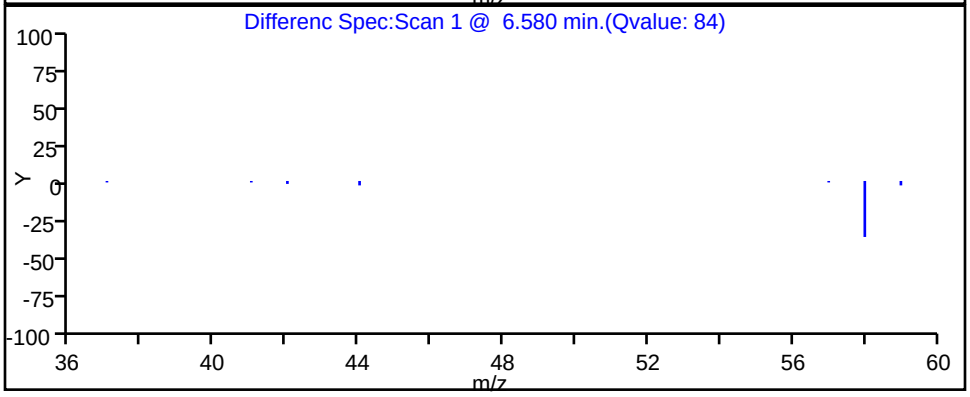












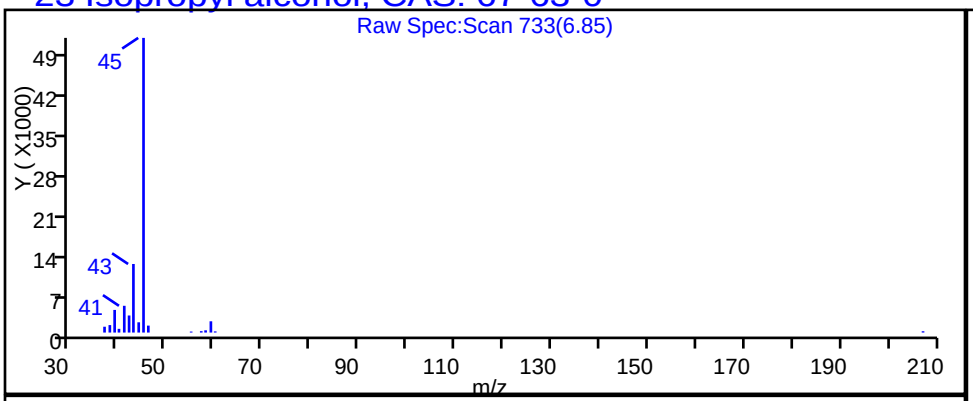
Report Date: 29-Jan-2015 09:43:20 Chrom Revision: 2.2 15-Jan-2015 13:05:58

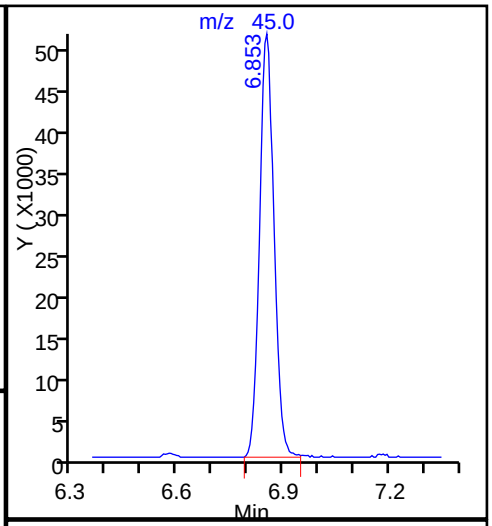
TestAmerica Burlington

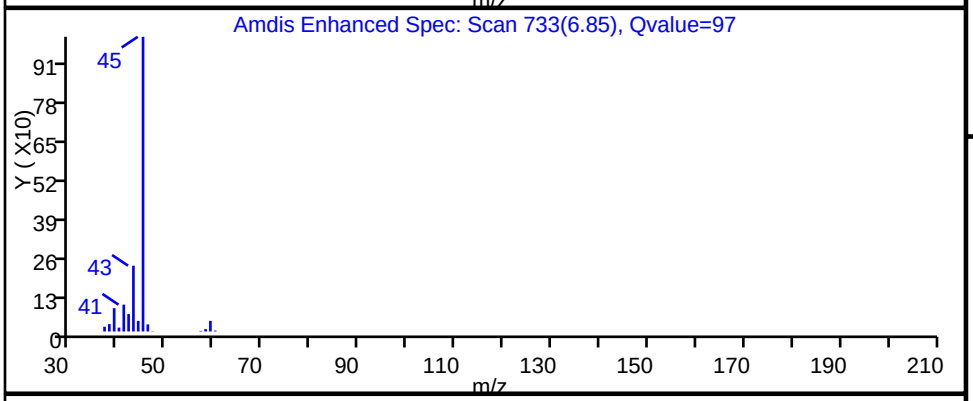
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D

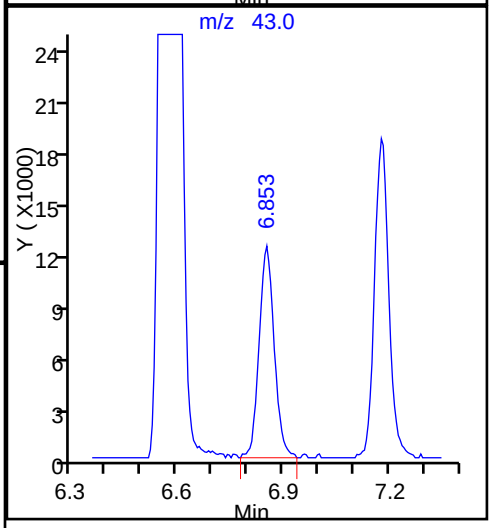
Injection Date:	29-Jan-2015 08:58:30	Instrument ID:	CHX.i
Lims ID:	280-64806-A-7	Lab Sample ID:	200-64806-7
Client ID:	101IA0305FA		
Operator ID:	wrd	ALS Bottle#:	2 Worklist Smp#: 28
Purge Vol:	200.000 mL	Dil. Factor:	14.9000
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

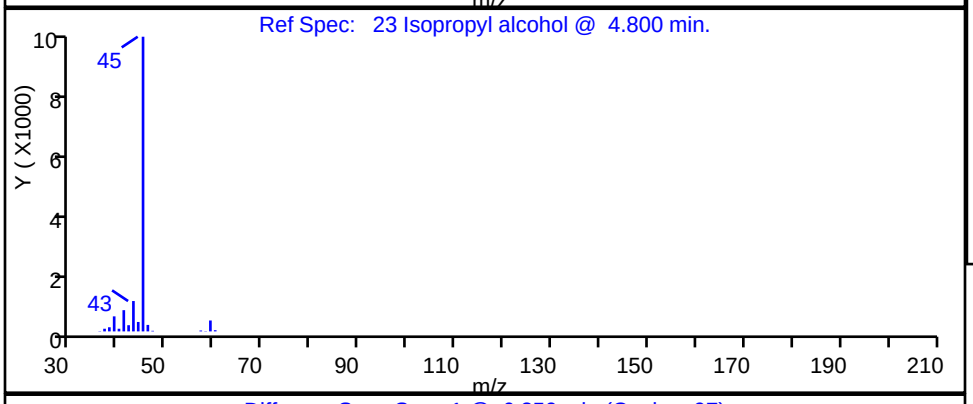
23 Isopropyl alcohol, CAS: 67-63-0

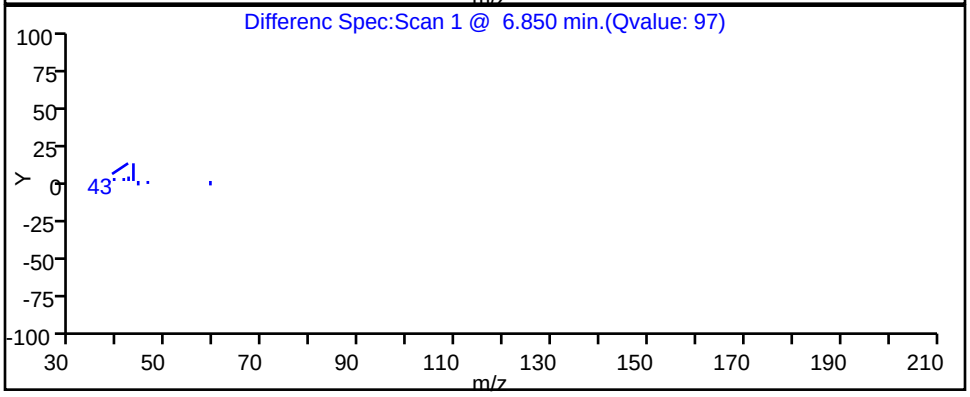












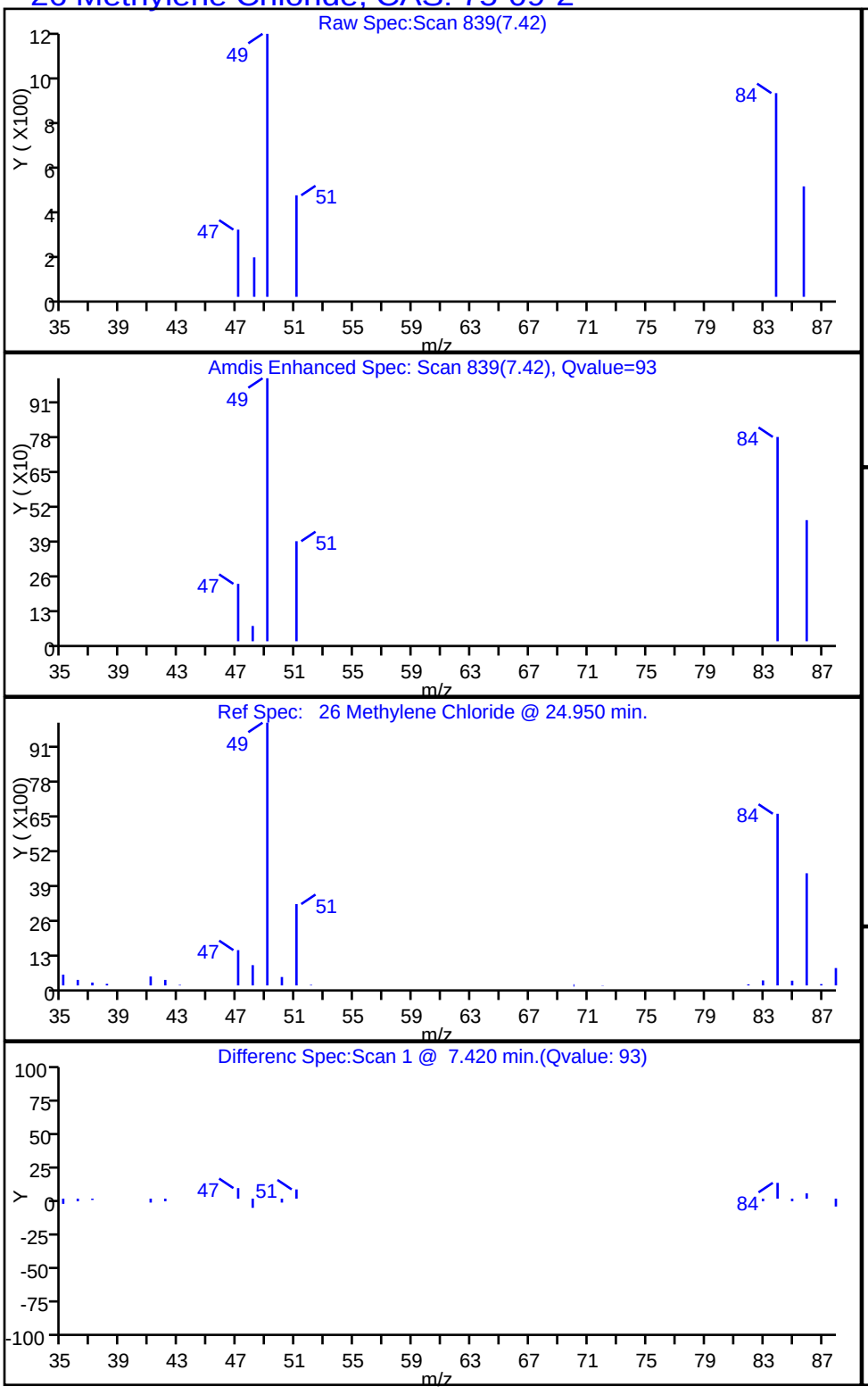
Report Date: 29-Jan-2015 09:43:20 Chrom Revision: 2.2 15-Jan-2015 13:05:58

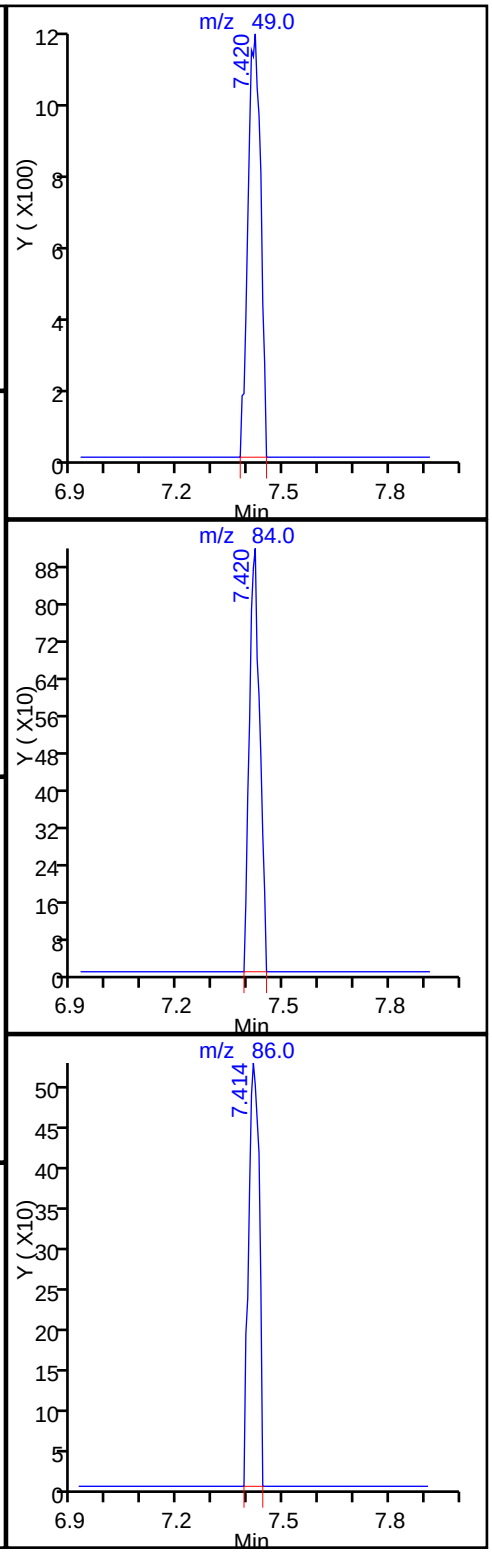
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D

Injection Date:	29-Jan-2015 08:58:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-7	Lab Sample ID:	200-64806-7		
Client ID:	101IA0305FA				
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	14.9000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 Methylene Chloride, CAS: 75-09-2





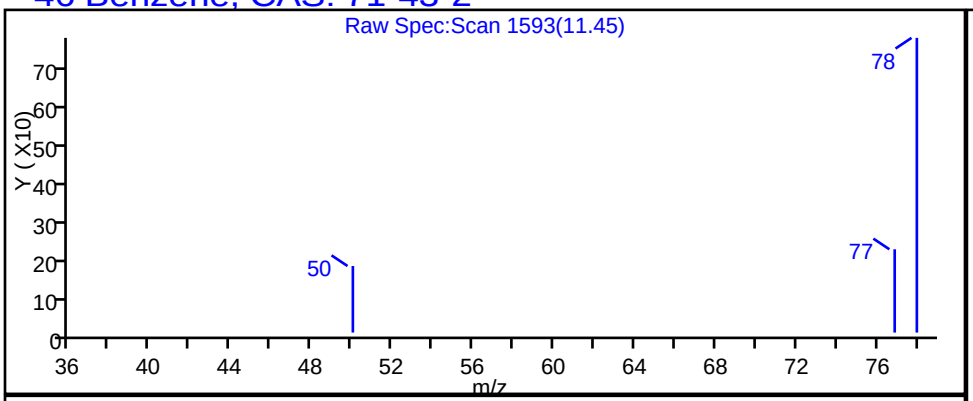
Report Date: 29-Jan-2015 09:43:20 Chrom Revision: 2.2 15-Jan-2015 13:05:58

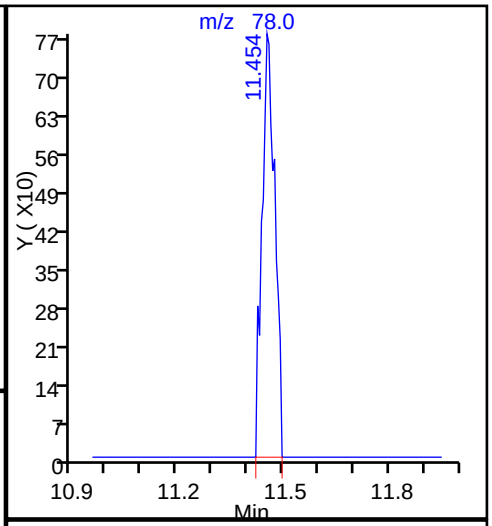
TestAmerica Burlington

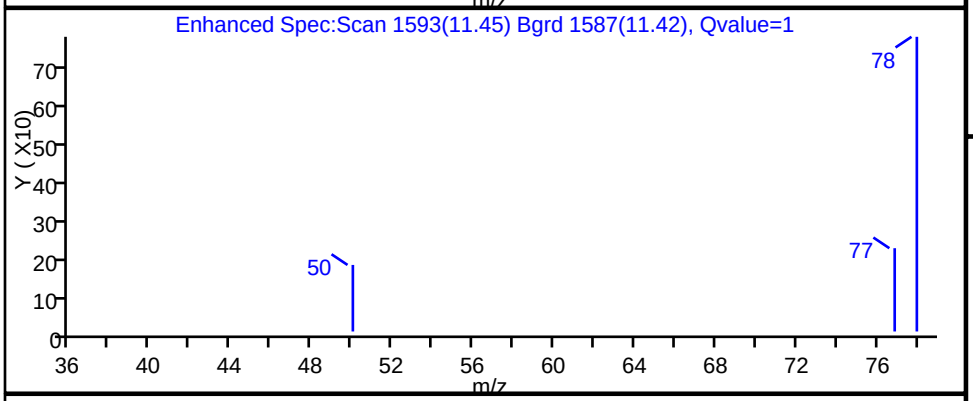
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D

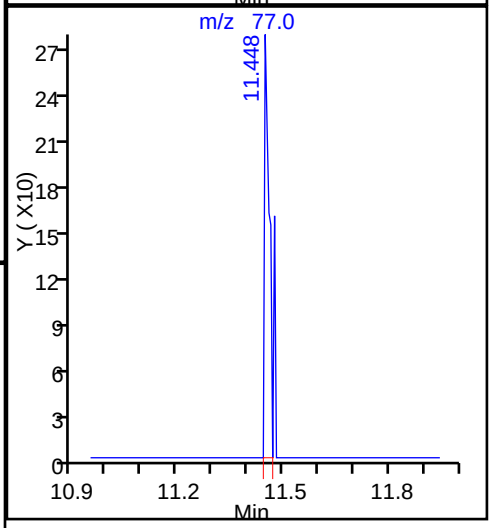
Injection Date:	29-Jan-2015 08:58:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-7	Lab Sample ID:	200-64806-7		
Client ID:	101IA0305FA				
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	14.9000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

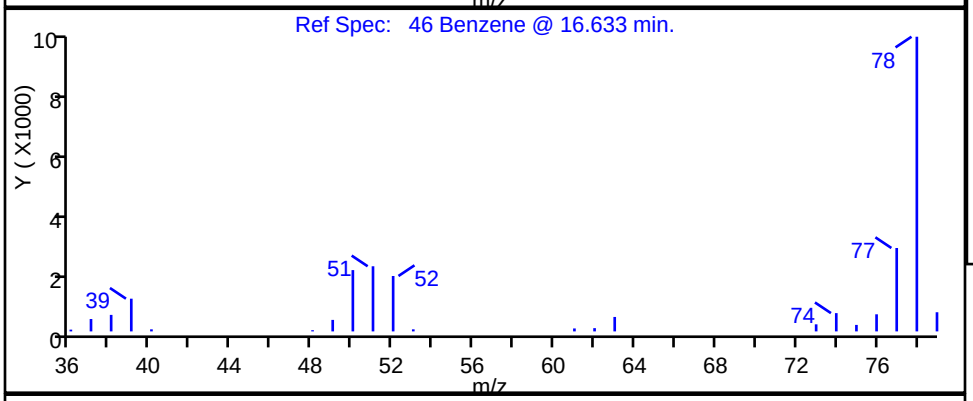
46 Benzene, CAS: 71-43-2

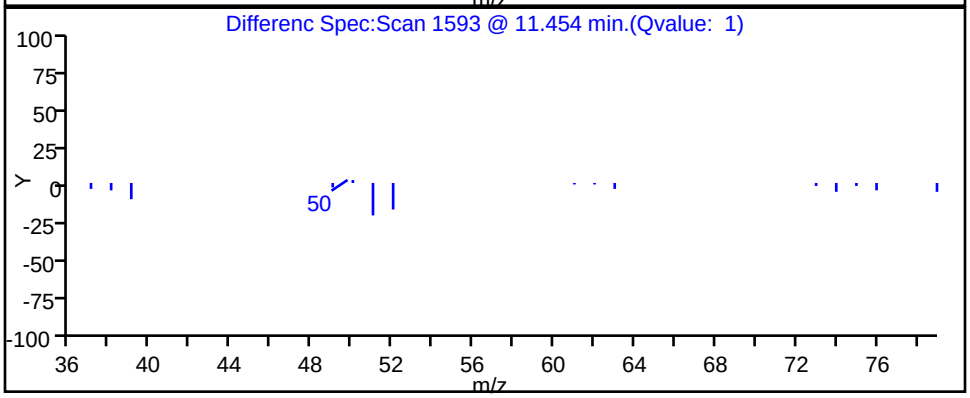












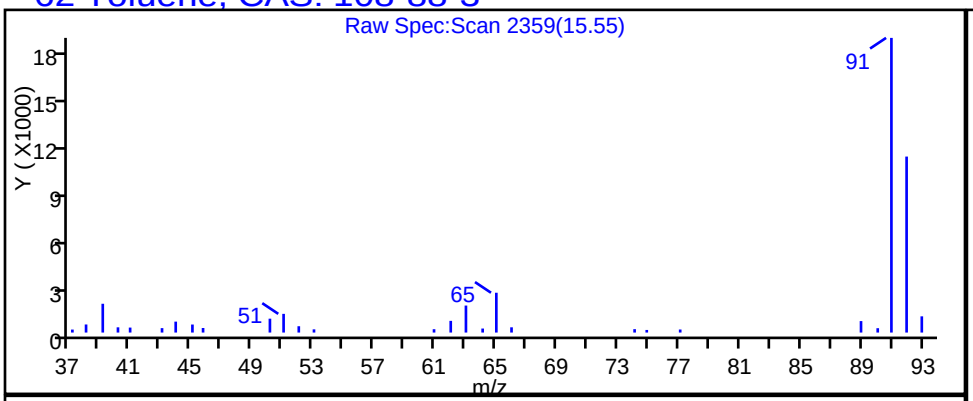
Report Date: 29-Jan-2015 09:43:20 Chrom Revision: 2.2 15-Jan-2015 13:05:58

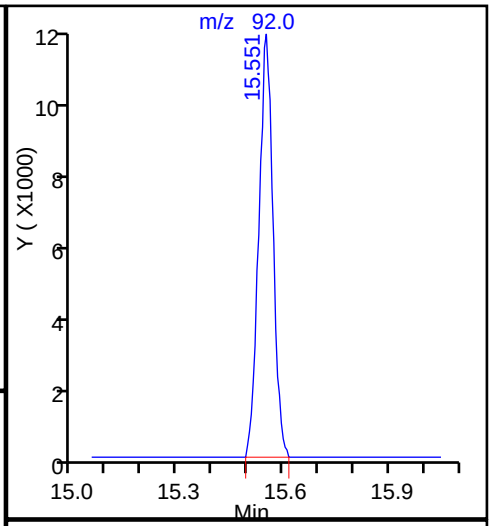
TestAmerica Burlington

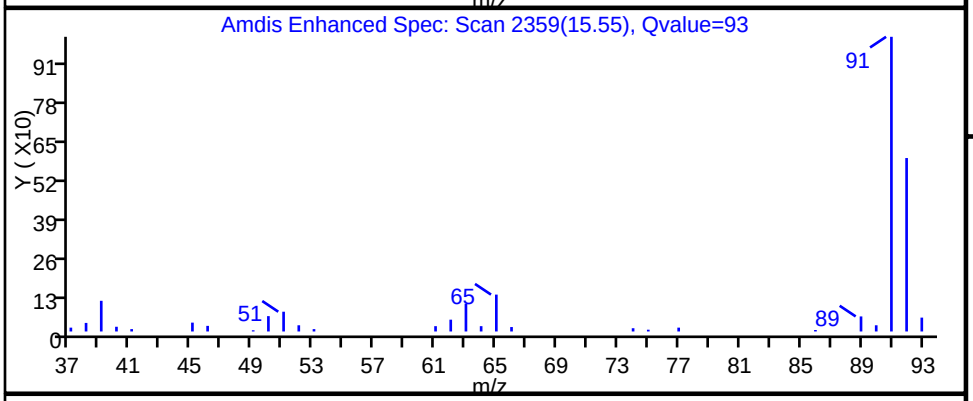
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D

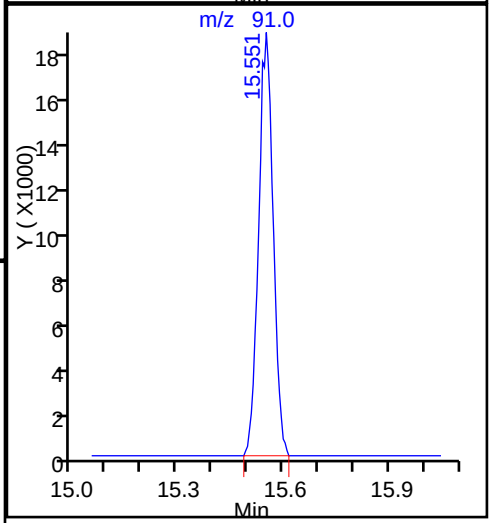
Injection Date:	29-Jan-2015 08:58:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-7	Lab Sample ID:	200-64806-7		
Client ID:	101IA0305FA				
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	14.9000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

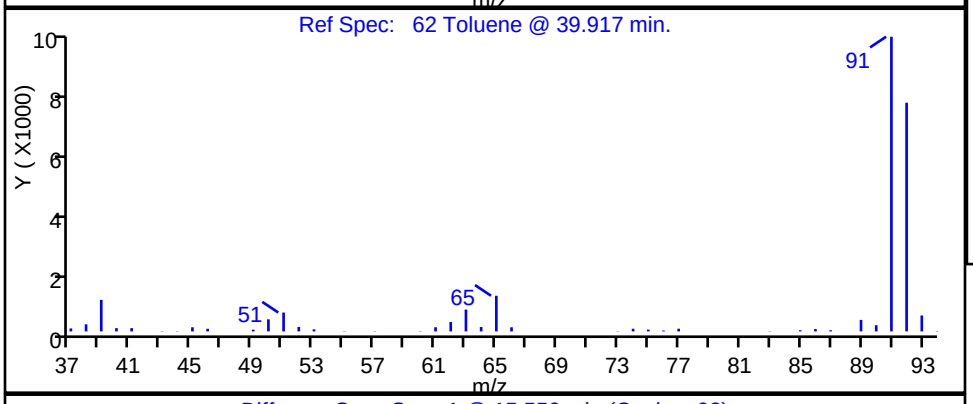
62 Toluene, CAS: 108-88-3

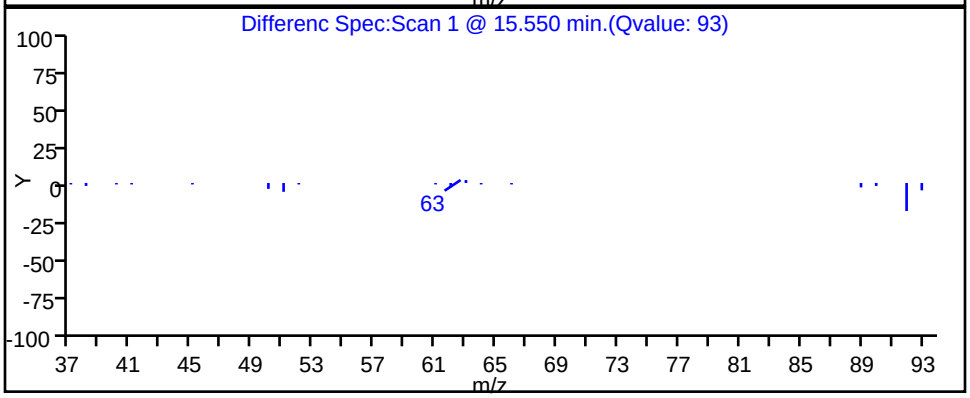












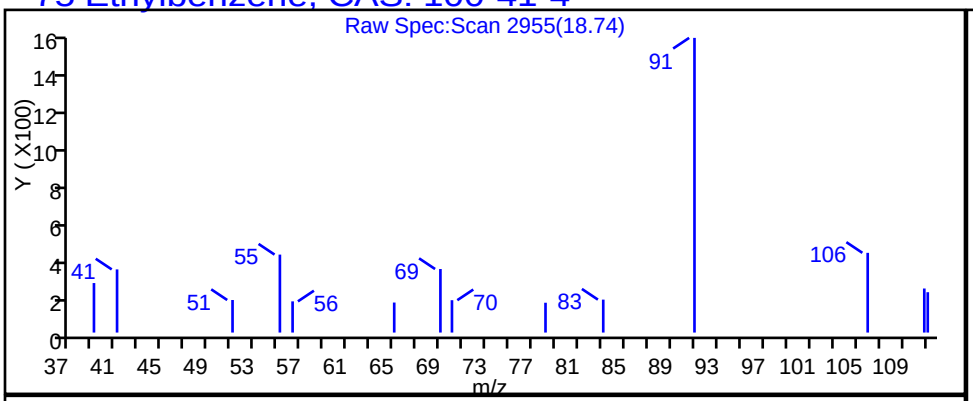
Report Date: 29-Jan-2015 09:43:20 Chrom Revision: 2.2 15-Jan-2015 13:05:58

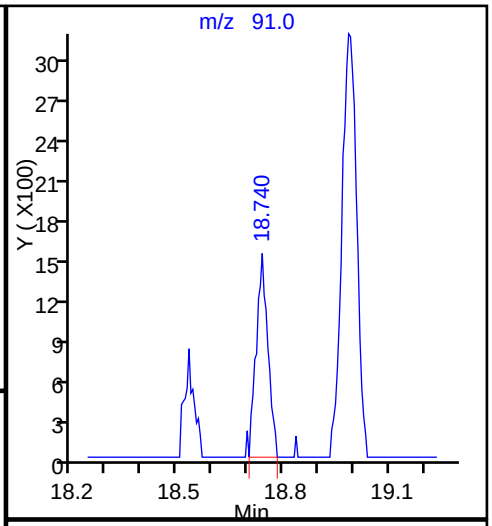
TestAmerica Burlington

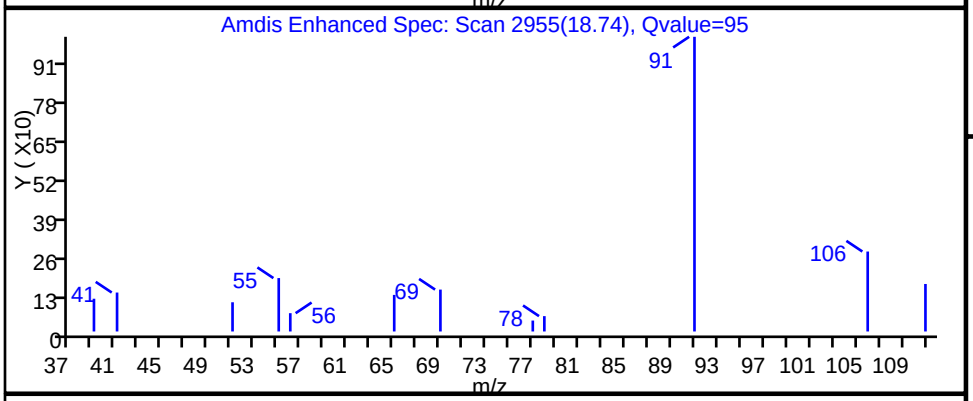
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D

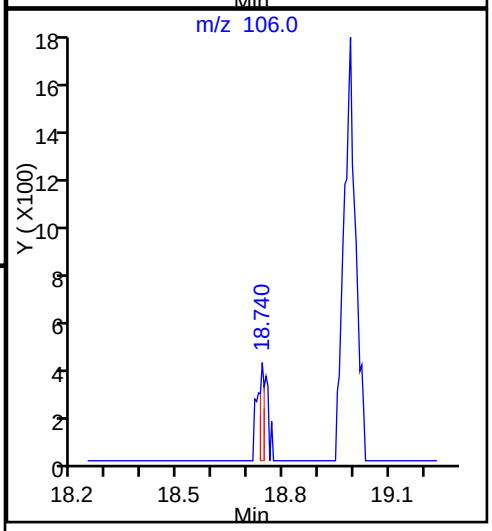
Injection Date:	29-Jan-2015 08:58:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-7	Lab Sample ID:	200-64806-7		
Client ID:	101IA0305FA				
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	14.9000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

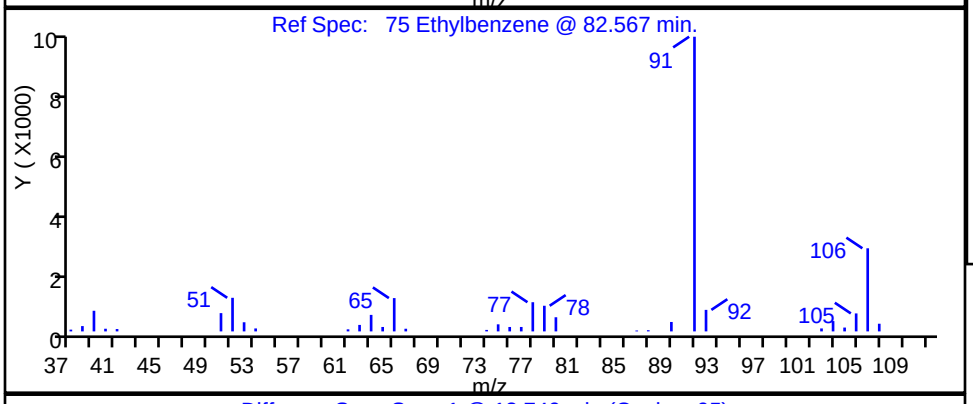
75 Ethylbenzene, CAS: 100-41-4

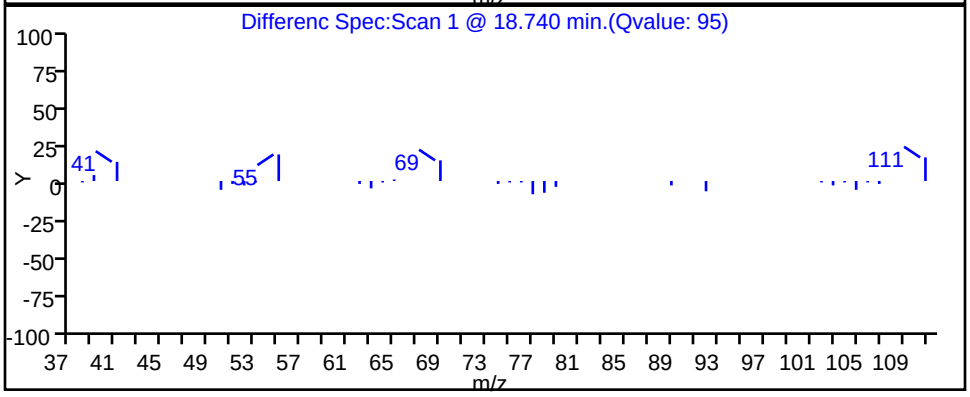












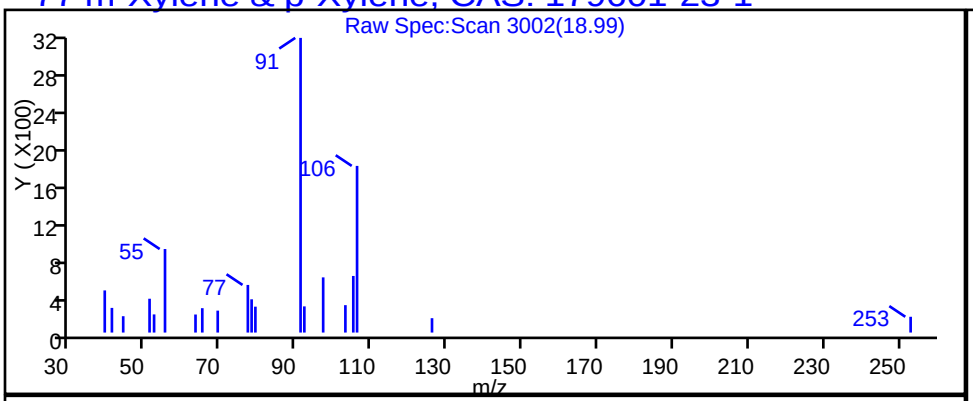
Report Date: 29-Jan-2015 09:43:20 Chrom Revision: 2.2 15-Jan-2015 13:05:58

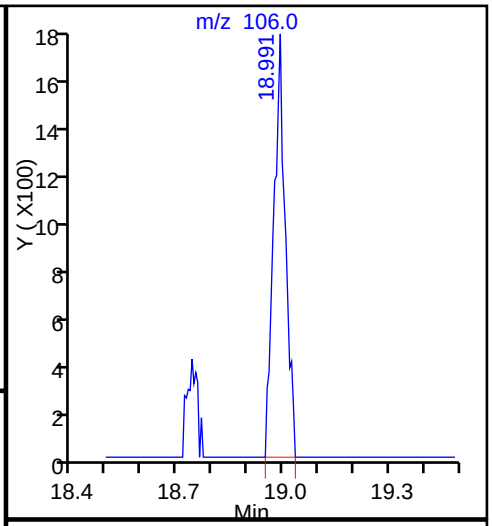
TestAmerica Burlington

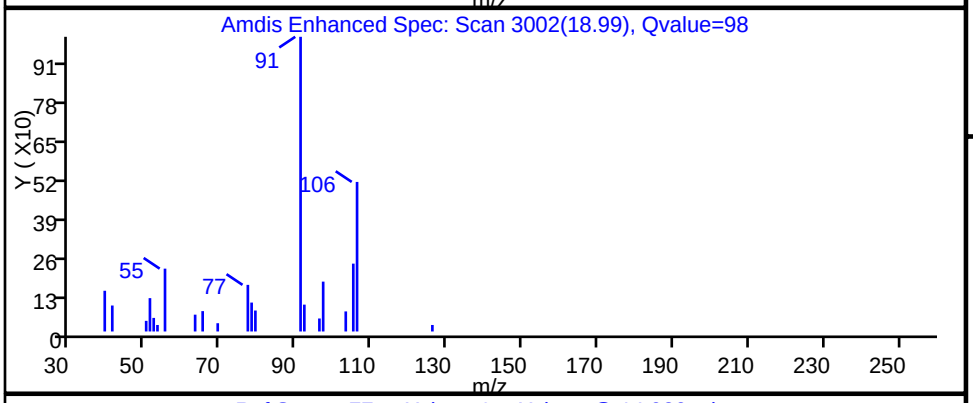
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D

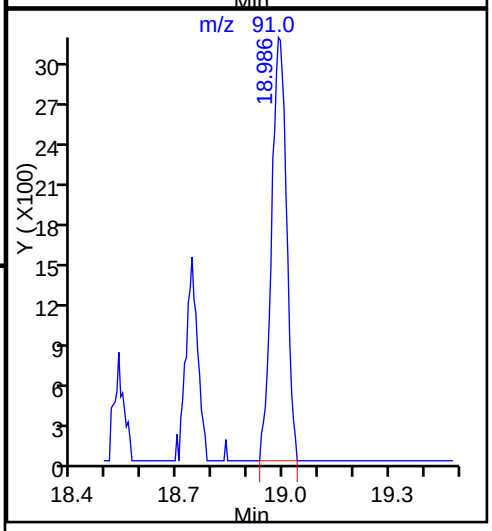
Injection Date:	29-Jan-2015 08:58:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-7	Lab Sample ID:	200-64806-7		
Client ID:	101IA0305FA				
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	14.9000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

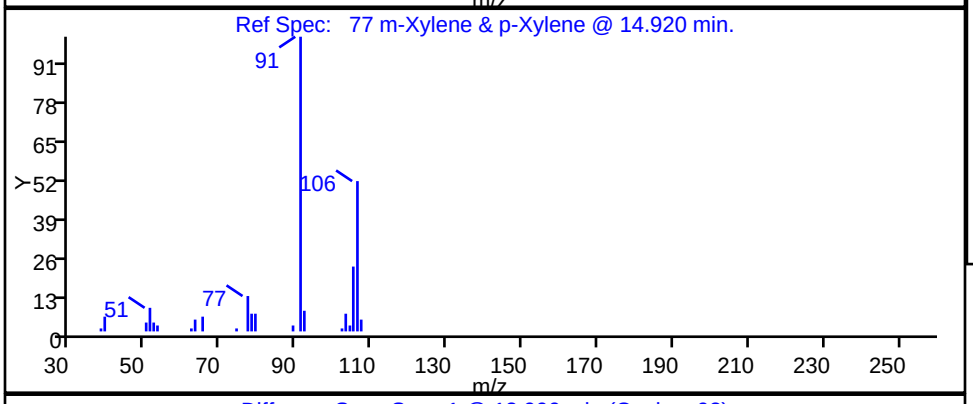
77 m-Xylene & p-Xylene, CAS: 179601-23-1

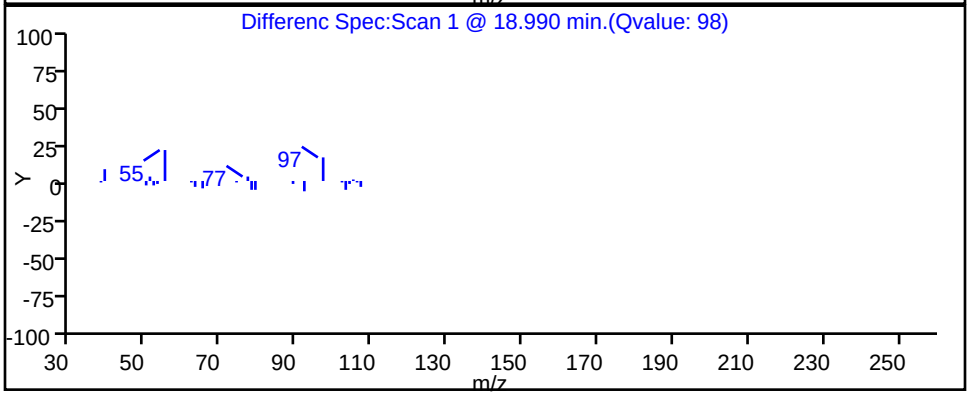












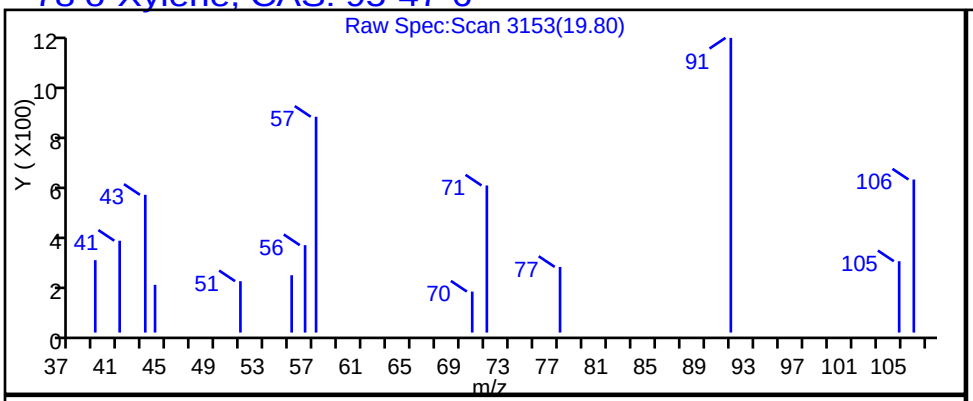
Report Date: 29-Jan-2015 09:43:20 Chrom Revision: 2.2 15-Jan-2015 13:05:58

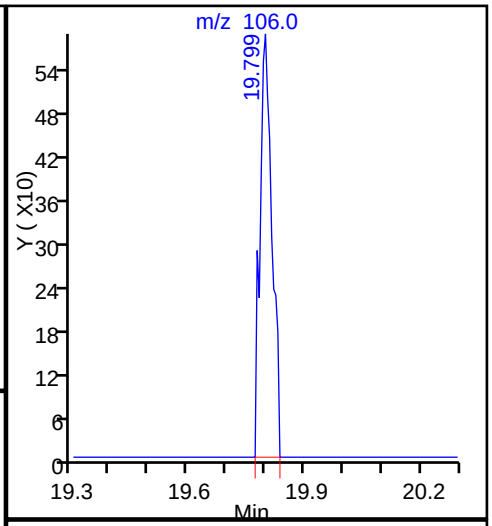
TestAmerica Burlington

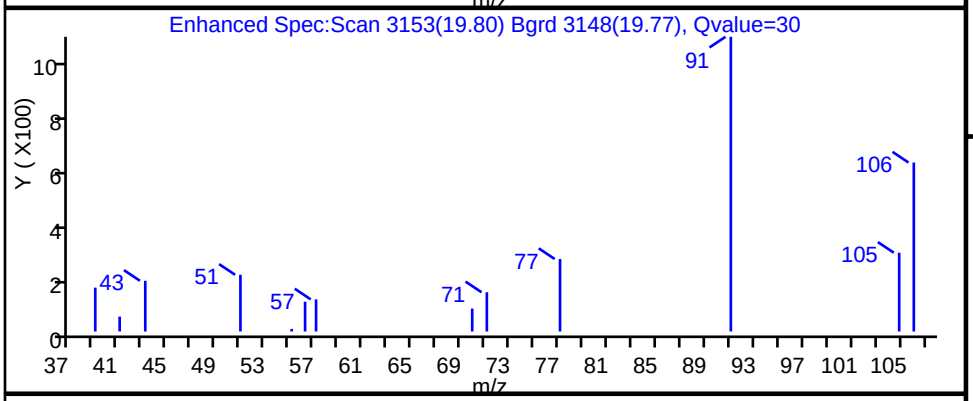
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D

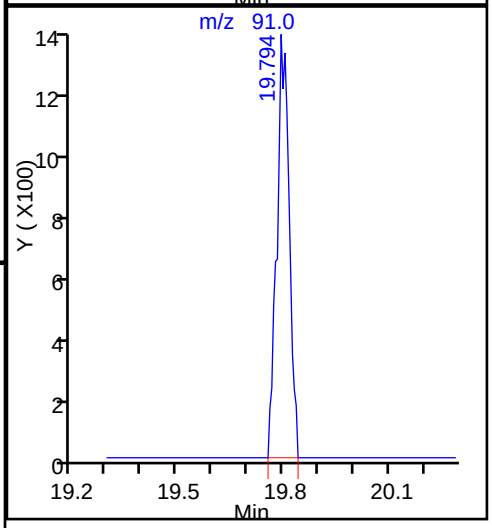
Injection Date:	29-Jan-2015 08:58:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-7	Lab Sample ID:	200-64806-7		
Client ID:	101IA0305FA				
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	14.9000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

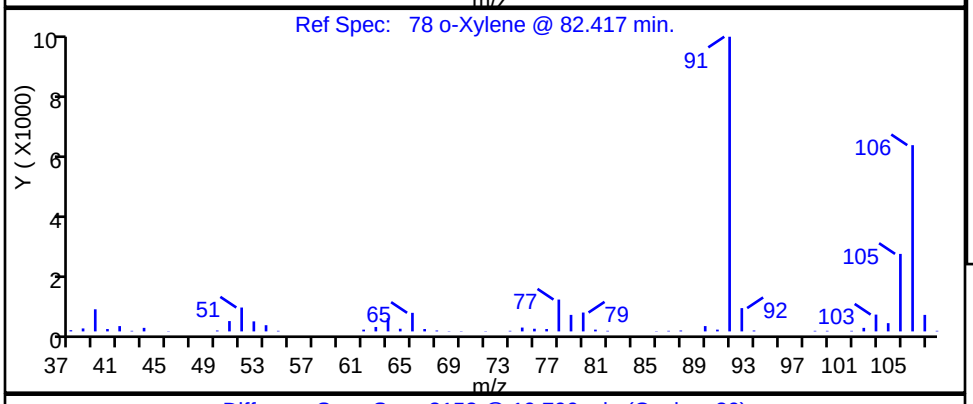
78 o-Xylene, CAS: 95-47-6

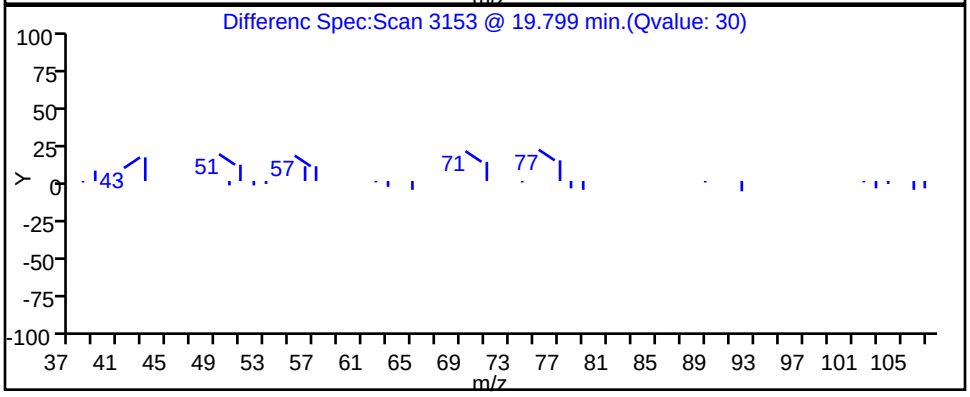










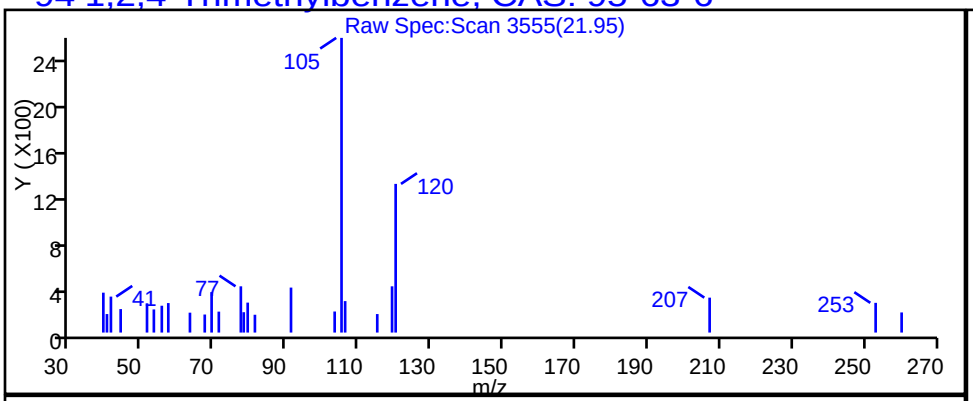


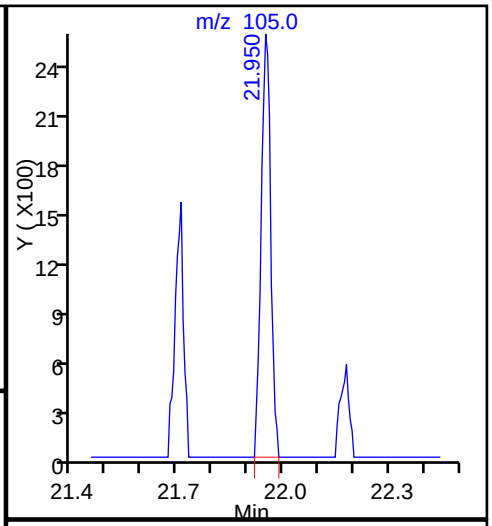
Report Date: 29-Jan-2015 09:43:20 Chrom Revision: 2.2 15-Jan-2015 13:05:58

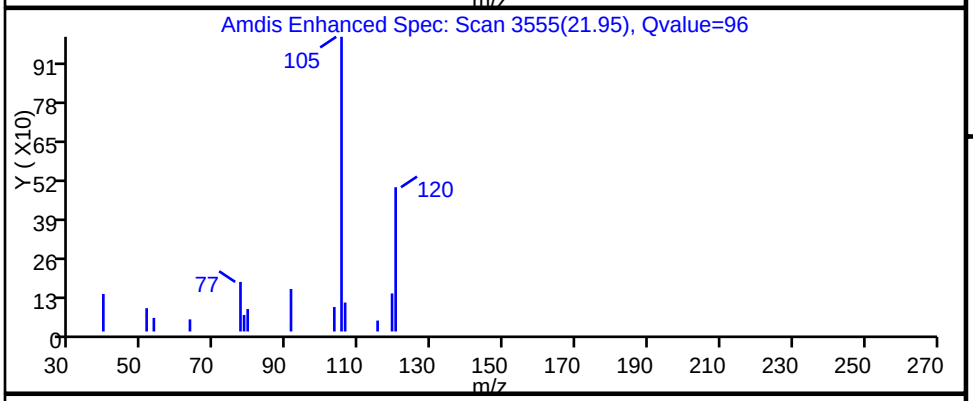
TestAmerica Burlington

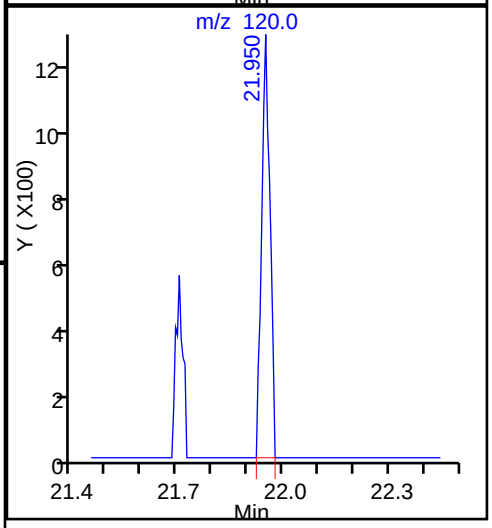
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-028.D				
Injection Date:	29-Jan-2015 08:58:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-7	Lab Sample ID:	200-64806-7		
Client ID:	101IA0305FA				
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	14.9000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

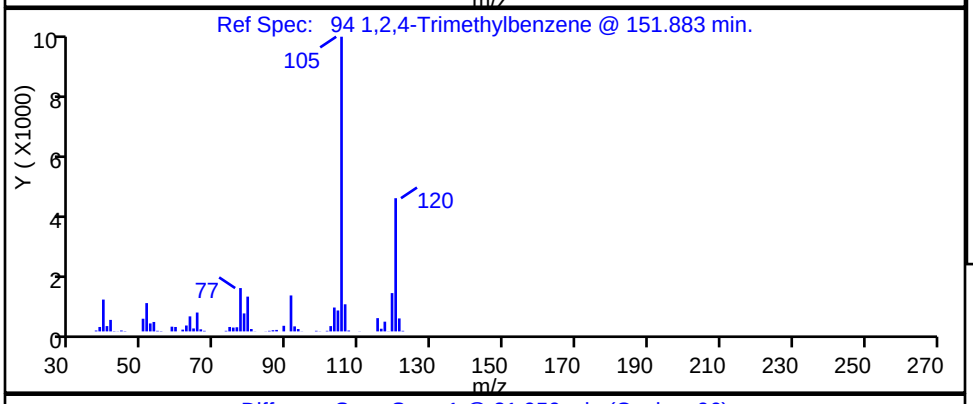
94 1,2,4-Trimethylbenzene, CAS: 95-63-6

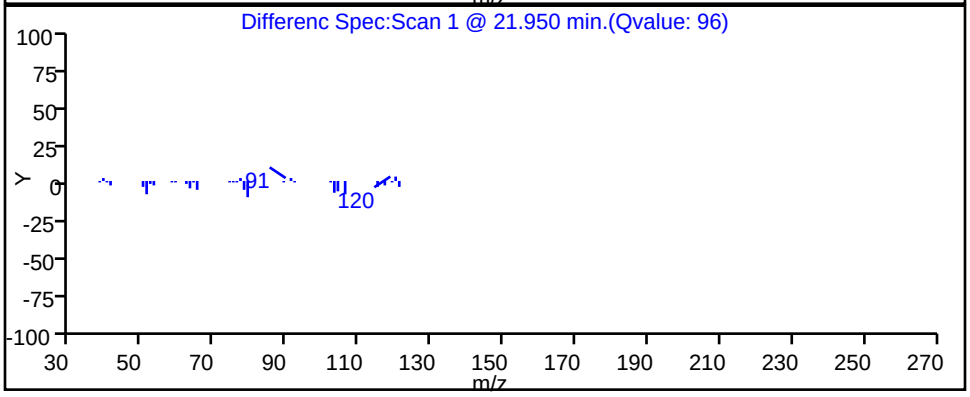












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0405FA Lab Sample ID: 280-64806-8

Matrix: Air Lab File ID: 11847-029.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:10

Sample wt/vol: 80(mL) Date Analyzed: 01/29/2015 09:42

Soil Aliquot Vol: Dilution Factor: 2.5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.54	J D	1.3	0.14
75-45-6	Freon 22	86.47	0.30	J D	1.3	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.50	0.13
74-87-3	Chloromethane	50.49	0.50	U	1.3	0.15
106-97-8	n-Butane	58.12	2.0	D	1.3	0.45
75-01-4	Vinyl chloride	62.50	0.075	U	0.50	0.065
106-99-0	1,3-Butadiene	54.09	0.20	U	0.50	0.090
74-83-9	Bromomethane	94.94	0.20	U	0.50	0.11
75-00-3	Chloroethane	64.52	0.20	U	1.3	0.15
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.075	U	0.50	0.050
75-69-4	Trichlorofluoromethane	137.37	0.40	J D	0.50	0.11
76-13-1	Freon TF	187.38	0.20	U	0.50	0.10
75-35-4	1,1-Dichloroethene	96.94	0.075	U	0.50	0.025
67-64-1	Acetone	58.08	60	D	13	1.7
67-63-0	Isopropyl alcohol	60.10	18	D	13	0.38
75-15-0	Carbon disulfide	76.14	0.20	U	1.3	0.075
107-05-1	3-Chloropropene	76.53	0.50	U	1.3	0.40
75-09-2	Methylene Chloride	84.93	0.53	J D	1.3	0.30
75-65-0	tert-Butyl alcohol	74.12	0.50	U	13	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.075	U	0.50	0.055
156-60-5	trans-1,2-Dichloroethene	96.94	0.075	U	0.50	0.068
110-54-3	n-Hexane	86.17	0.075	U	0.50	0.070
75-34-3	1,1-Dichloroethane	98.96	0.075	U	0.50	0.070
78-93-3	Methyl Ethyl Ketone	72.11	1.8	D	1.3	0.23
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.50	0.075
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.50	0.13
67-66-3	Chloroform	119.38	0.20	U	0.50	0.095
109-99-9	Tetrahydrofuran	72.11	0.50	U	13	0.45
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.50	0.075
110-82-7	Cyclohexane	84.16	0.075	U	0.50	0.025
56-23-5	Carbon tetrachloride	153.81	0.074	J D	0.50	0.028
540-84-1	2,2,4-Trimethylpentane	114.23	0.075	U	0.50	0.058
71-43-2	Benzene	78.11	0.25	J D	0.50	0.073
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.50	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0405FA | Lab Sample ID: 280-64806-8

Matrix: Air | Lab File ID: 11847-029.D

Analysis Method: TO-15 | Date Collected: 01/21/2015 11:10

Sample wt/vol: 80(mL) | Date Analyzed: 01/29/2015 09:42

Soil Aliquot Vol: | Dilution Factor: 2.5

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83910 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.20	U	0.50	0.093
79-01-6	Trichloroethene	131.39	0.075	U	0.50	0.075
80-62-6	Methyl methacrylate	100.12	0.50	U	1.3	0.24
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.50	0.088
123-91-1	1,4-Dioxane	88.11	0.50	U	13	0.40
75-27-4	Bromodichloromethane	163.83	0.075	U	0.50	0.073
10061-01-5	cis-1,3-Dichloropropene	110.97	0.075	U	0.50	0.073
108-10-1	methyl isobutyl ketone	100.16	0.50	U	1.3	0.45
108-88-3	Toluene	92.14	1.8	D	0.50	0.063
10061-02-6	trans-1,3-Dichloropropene	110.97	0.075	U	0.50	0.065
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.50	0.093
127-18-4	Tetrachloroethene	165.83	0.075	U	0.50	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	1.3	0.43
124-48-1	Dibromochloromethane	208.29	0.075	U	0.50	0.050
106-93-4	1,2-Dibromoethane	187.87	0.075	U	0.50	0.045
108-90-7	Chlorobenzene	112.56	0.075	U	0.50	0.045
100-41-4	Ethylbenzene	106.17	0.11	J D	0.50	0.050
179601-23-1	m,p-Xylene	106.17	0.36	J D M	1.3	0.063
95-47-6	Xylene, o-	106.17	0.15	J D	0.50	0.045
1330-20-7	Xylene (total)	106.17	0.51		0.50	0.10
100-42-5	Styrene	104.15	0.075	U	0.50	0.040
75-25-2	Bromoform	252.75	0.075	U	0.50	0.063
98-82-8	Cumene	120.19	0.075	U	0.50	0.048
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.50	0.085
103-65-1	n-Propylbenzene	120.19	0.075	U	0.50	0.068
622-96-8	4-Ethyltoluene	120.20	0.075	U	0.50	0.050
108-67-8	1,3,5-Trimethylbenzene	120.20	0.075	U	0.50	0.048
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.50	0.078
98-06-6	tert-Butylbenzene	134.22	0.075	U	0.50	0.050
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	J D	0.50	0.040
135-98-8	sec-Butylbenzene	134.22	0.075	U	0.50	0.053
99-87-6	4-Isopropyltoluene	134.22	0.075	U	0.50	0.050
541-73-1	1,3-Dichlorobenzene	147.00	0.075	U	0.50	0.050
106-46-7	1,4-Dichlorobenzene	147.00	0.075	U	0.50	0.048

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0405FA Lab Sample ID: 280-64806-8

Matrix: Air Lab File ID: 11847-029.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:10

Sample wt/vol: 80(mL) Date Analyzed: 01/29/2015 09:42

Soil Aliquot Vol: Dilution Factor: 2.5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.075	U	0.50	0.045
104-51-8	n-Butylbenzene	134.22	0.075	U	0.50	0.070
95-50-1	1,2-Dichlorobenzene	147.00	0.075	U	0.50	0.045
120-82-1	1,2,4-Trichlorobenzene	181.45	0.20	U	1.3	0.085
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.50	0.090
91-20-3	Naphthalene	128.17	0.20	U	1.3	0.075

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0405FA Lab Sample ID: 280-64806-8

Matrix: Air Lab File ID: 11847-029.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:10

Sample wt/vol: 80(mL) Date Analyzed: 01/29/2015 09:42

Soil Aliquot Vol: Dilution Factor: 2.5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.7	J D	6.2	0.69
75-45-6	Freon 22	86.47	1.1	J D	4.4	0.71
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	3.5	0.91
74-87-3	Chloromethane	50.49	1.0	U	2.6	0.31
106-97-8	n-Butane	58.12	4.7	D	3.0	1.1
75-01-4	Vinyl chloride	62.50	0.19	U	1.3	0.17
106-99-0	1,3-Butadiene	54.09	0.44	U	1.1	0.20
74-83-9	Bromomethane	94.94	0.78	U	1.9	0.43
75-00-3	Chloroethane	64.52	0.53	U	3.3	0.40
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.33	U	2.2	0.22
75-69-4	Trichlorofluoromethane	137.37	2.2	J D	2.8	0.63
76-13-1	Freon TF	187.38	1.5	U	3.8	0.79
75-35-4	1,1-Dichloroethene	96.94	0.30	U	2.0	0.099
67-64-1	Acetone	58.08	140	D	30	4.1
67-63-0	Isopropyl alcohol	60.10	44	D	31	0.92
75-15-0	Carbon disulfide	76.14	0.62	U	3.9	0.23
107-05-1	3-Chloropropene	76.53	1.6	U	3.9	1.3
75-09-2	Methylene Chloride	84.93	1.8	J D	4.3	1.0
75-65-0	tert-Butyl alcohol	74.12	1.5	U	38	0.91
1634-04-4	Methyl tert-butyl ether	88.15	0.27	U	1.8	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	0.30	U	2.0	0.27
110-54-3	n-Hexane	86.17	0.26	U	1.8	0.25
75-34-3	1,1-Dichloroethane	98.96	0.30	U	2.0	0.28
78-93-3	Methyl Ethyl Ketone	72.11	5.2	D	3.7	0.68
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	2.0	0.30
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	2.0	0.53
67-66-3	Chloroform	119.38	0.98	U	2.4	0.46
109-99-9	Tetrahydrofuran	72.11	1.5	U	37	1.3
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	2.7	0.41
110-82-7	Cyclohexane	84.16	0.26	U	1.7	0.086
56-23-5	Carbon tetrachloride	153.81	0.47	J D	3.1	0.17
540-84-1	2,2,4-Trimethylpentane	114.23	0.35	U	2.3	0.27
71-43-2	Benzene	78.11	0.79	J D	1.6	0.23
107-06-2	1,2-Dichloroethane	98.96	0.81	U	2.0	0.53

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0405FA | Lab Sample ID: 280-64806-8

Matrix: Air | Lab File ID: 11847-029.D

Analysis Method: TO-15 | Date Collected: 01/21/2015 11:10

Sample wt/vol: 80(mL) | Date Analyzed: 01/29/2015 09:42

Soil Aliquot Vol: | Dilution Factor: 2.5

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83910 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.82	U	2.0	0.38
79-01-6	Trichloroethene	131.39	0.40	U	2.7	0.40
80-62-6	Methyl methacrylate	100.12	2.0	U	5.1	0.98
78-87-5	1,2-Dichloropropane	112.99	0.92	U	2.3	0.40
123-91-1	1,4-Dioxane	88.11	1.8	U	45	1.4
75-27-4	Bromodichloromethane	163.83	0.50	U	3.4	0.49
10061-01-5	cis-1,3-Dichloropropene	110.97	0.34	U	2.3	0.33
108-10-1	methyl isobutyl ketone	100.16	2.0	U	5.1	1.8
108-88-3	Toluene	92.14	6.7	D	1.9	0.24
10061-02-6	trans-1,3-Dichloropropene	110.97	0.34	U	2.3	0.30
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	2.7	0.50
127-18-4	Tetrachloroethene	165.83	0.51	U	3.4	0.51
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	5.1	1.7
124-48-1	Dibromochloromethane	208.29	0.64	U	4.3	0.43
106-93-4	1,2-Dibromoethane	187.87	0.58	U	3.8	0.35
108-90-7	Chlorobenzene	112.56	0.35	U	2.3	0.21
100-41-4	Ethylbenzene	106.17	0.49	J D	2.2	0.22
179601-23-1	m,p-Xylene	106.17	1.6	J D M	5.4	0.27
95-47-6	Xylene, o-	106.17	0.64	J D	2.2	0.20
1330-20-7	Xylene (total)	106.17	2.2		2.2	0.45
100-42-5	Styrene	104.15	0.32	U	2.1	0.17
75-25-2	Bromoform	252.75	0.78	U	5.2	0.65
98-82-8	Cumene	120.19	0.37	U	2.5	0.23
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	3.4	0.58
103-65-1	n-Propylbenzene	120.19	0.37	U	2.5	0.33
622-96-8	4-Ethyltoluene	120.20	0.37	U	2.5	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.37	U	2.5	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	2.6	0.40
98-06-6	tert-Butylbenzene	134.22	0.41	U	2.7	0.27
95-63-6	1,2,4-Trimethylbenzene	120.20	0.66	J D	2.5	0.20
135-98-8	sec-Butylbenzene	134.22	0.41	U	2.7	0.29
99-87-6	4-Isopropyltoluene	134.22	0.41	U	2.7	0.27
541-73-1	1,3-Dichlorobenzene	147.00	0.45	U	3.0	0.30
106-46-7	1,4-Dichlorobenzene	147.00	0.45	U	3.0	0.29

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101IA0405FA Lab Sample ID: 280-64806-8

Matrix: Air Lab File ID: 11847-029.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:10

Sample wt/vol: 80(mL) Date Analyzed: 01/29/2015 09:42

Soil Aliquot Vol: Dilution Factor: 2.5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.39	U	2.6	0.23
104-51-8	n-Butylbenzene	134.22	0.41	U	2.7	0.38
95-50-1	1,2-Dichlorobenzene	147.00	0.45	U	3.0	0.27
120-82-1	1,2,4-Trichlorobenzene	181.45	1.5	U	9.3	0.63
87-68-3	Hexachlorobutadiene	260.76	2.1	U	5.3	0.96
91-20-3	Naphthalene	128.17	1.0	U	6.6	0.39

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D
Lims ID: 280-64806-A-8 Lab Sample ID: 200-64806-8
Client ID: 101IA0405FA
Sample Type: Client
Inject. Date: 29-Jan-2015 09:42:30 ALS Bottle#: 3 Worklist Smp#: 29
Purge Vol: 200.000 mL Dil. Factor: 2.5000
Sample Info: 200-0011847-029
Misc. Info.: 280-64806-8
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 29-Jan-2015 10:19:22 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: desjardinsb Date: 29-Jan-2015 10:21:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.113	3.119	-0.006	99	7293	0.2161	
3 Chlorodifluoromethane	51	3.167	3.167	0.000	96	2413	0.1216	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.381				ND	
5 Chloromethane	50		3.520				ND	
6 Butane	43	3.718	3.718	0.000	96	14118	0.7897	
7 Vinyl chloride	62		3.766				ND	
8 Butadiene	54		3.836				ND	
9 Bromomethane	94		4.515				ND	
10 Chloroethane	64		4.750				ND	
12 Vinyl bromide	106		5.136				ND	
13 Trichlorofluoromethane	101	5.221	5.221	0.000	95	5490	0.1590	
18 1,1,2-Trichloro-1,2,2-trif	101		6.286				ND	
20 1,1-Dichloroethene	96		6.339				ND	
21 Acetone	43	6.580	6.585	-0.005	84	459962	24.1	
22 Carbon disulfide	76		6.735				ND	
23 Isopropyl alcohol	45	6.858	6.858	0.000	97	109048	7.18	
24 3-Chloro-1-propene	41		7.126				ND	
26 Methylene Chloride	49	7.414	7.420	-0.006	95	2996	0.2127	
28 2-Methyl-2-propanol	59		7.623				ND	
29 Methyl tert-butyl ether	73		7.805				ND	
30 trans-1,2-Dichloroethene	61		7.848				ND	
32 Hexane	57		8.222				ND	
33 1,1-Dichloroethane	63		8.736				ND	
35 cis-1,2-Dichloroethene	96		9.849				ND	
36 2-Butanone (MEK)	72	9.897	9.897	0.000	100	4899	0.7017	
S 38 1,2-Dichloroethene, Total	61		10.000				ND	
39 Tetrahydrofuran	42		10.314				ND	
* 40 Chlorobromomethane	128	10.319	10.325	-0.006	93	122825	10.0	
41 Chloroform	83		10.453				ND	
42 Cyclohexane	84		10.689				ND	
43 1,1,1-Trichloroethane	97		10.731				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	44 Carbon tetrachloride	117	10.983	10.977	0.006	71	971	0.0297	
	45 Isooctane	57		11.411				ND	
	46 Benzene	78	11.453	11.470	-0.017	94	4583	0.0995	
	47 1,2-Dichloroethane	62		11.662				ND	
	48 n-Heptane	43		11.801				ND	
*	50 1,4-Difluorobenzene	114	12.315	12.326	-0.011	95	723523	10.0	
	52 Trichloroethene	95		12.802				ND	
	53 1,2-Dichloropropane	63		13.401				ND	
	54 Methyl methacrylate	69		13.551				ND	
	55 1,4-Dioxane	88		13.615				ND	
	57 Dichlorobromomethane	83		13.973				ND	
	58 cis-1,3-Dichloropropene	75		14.947				ND	
	61 4-Methyl-2-pentanone (MIBK	43	15.252	15.241	0.011	96	3502	0.0909	
	62 Toluene	92	15.546	15.557	-0.011	93	24931	0.7108	
	67 trans-1,3-Dichloropropene	75		16.172				ND	
	68 1,1,2-Trichloroethane	83		16.563				ND	
	69 Tetrachloroethene	166		16.659				ND	
	70 2-Hexanone	43		17.012				ND	
	71 Chlorodibromomethane	129		17.349				ND	
	72 Ethylene Dibromide	107		17.632				ND	
*	73 Chlorobenzene-d5	117	18.531	18.537	-0.006	88	708755	10.0	
	74 Chlorobenzene	112		18.595				ND	
	75 Ethylbenzene	91	18.734	18.740	-0.006	94	3558	0.0447	
	77 m-Xylene & p-Xylene	106	18.991	18.991	-0.006	97	4451	0.1431	M
	78 o-Xylene	106	19.799	19.804	-0.005	90	1749	0.0587	
	79 Styrene	104		19.847				ND	
S	80 Xylenes, Total	106				0		0.2017	
	81 Bromoform	173		20.254				ND	
	82 Isopropylbenzene	105		20.430				ND	
*	83 4-Bromofluorobenzene	95	20.783	20.789	-0.006	90	524259	10.0	
	85 1,1,2,2-Tetrachloroethane	83		21.051				ND	
	86 N-Propylbenzene	91		21.110				ND	
	89 4-Ethyltoluene	105		21.292				ND	
	90 2-Chlorotoluene	91		21.308				ND	
	91 1,3,5-Trimethylbenzene	105		21.388				ND	
	93 tert-Butylbenzene	119		21.859				ND	
	94 1,2,4-Trimethylbenzene	105	21.950	21.950	0.000	97	4248	0.0537	
	95 sec-Butylbenzene	105		22.174				ND	
	96 4-Isopropyltoluene	119		22.372				ND	
	97 1,3-Dichlorobenzene	146		22.415				ND	
	98 1,4-Dichlorobenzene	146		22.554				ND	
	99 Benzyl chloride	91		22.763				ND	
	101 n-Butylbenzene	91		22.966				ND	
	102 1,2-Dichlorobenzene	146		23.116				ND	
	104 1,2,4-Trichlorobenzene	180		25.775				ND	
	105 Hexachlorobutadiene	225		25.962				ND	
	106 Naphthalene	128		26.315				ND	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

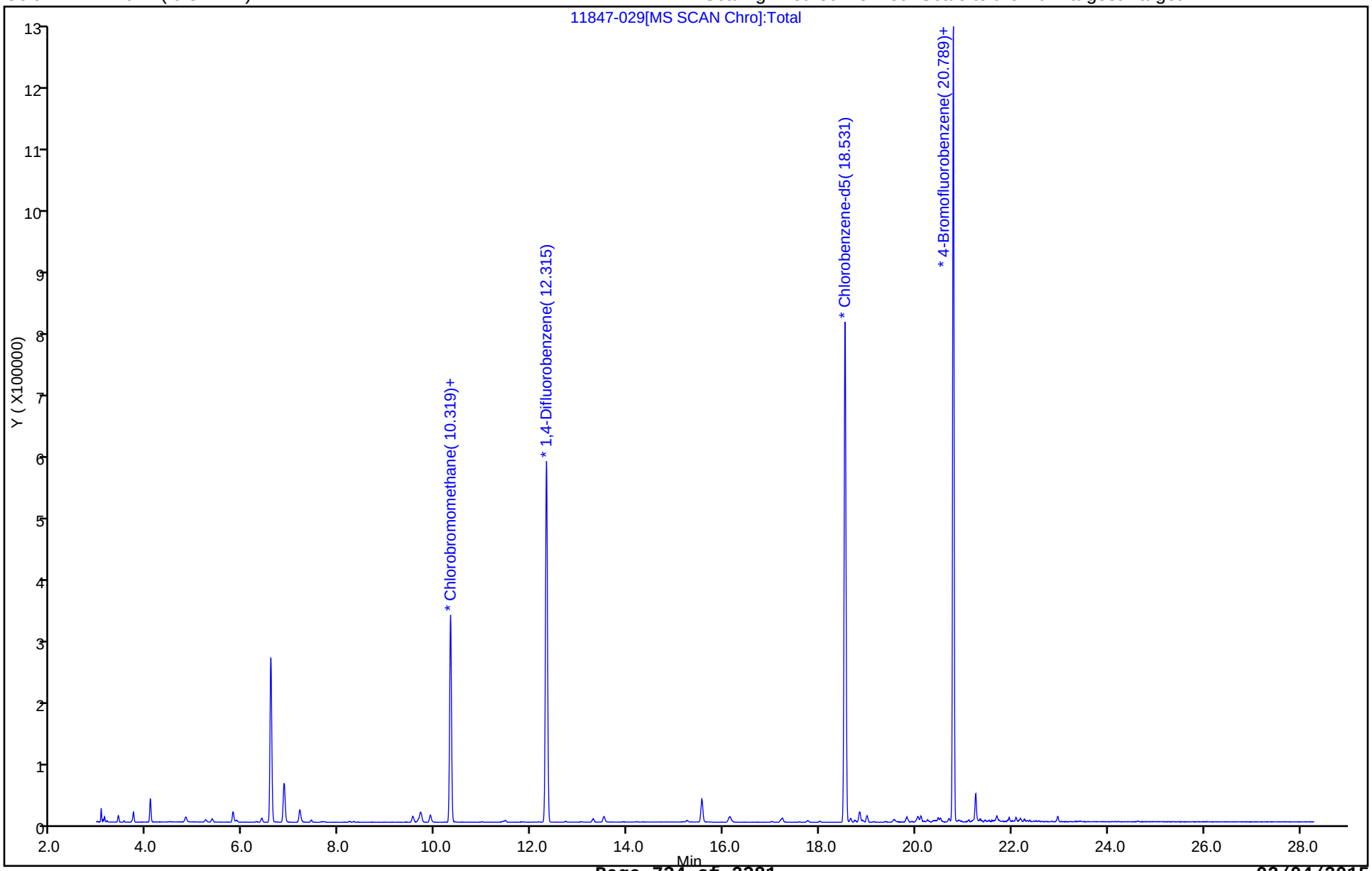
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8	Worklist Smp#:	29
Client ID:	101IA0405FA				
Purge Vol:	200.000 mL	Dil. Factor:	2.5000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



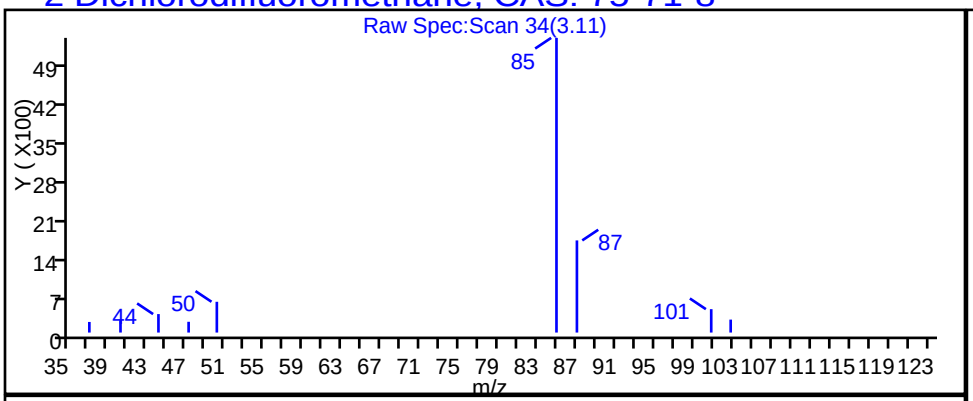
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

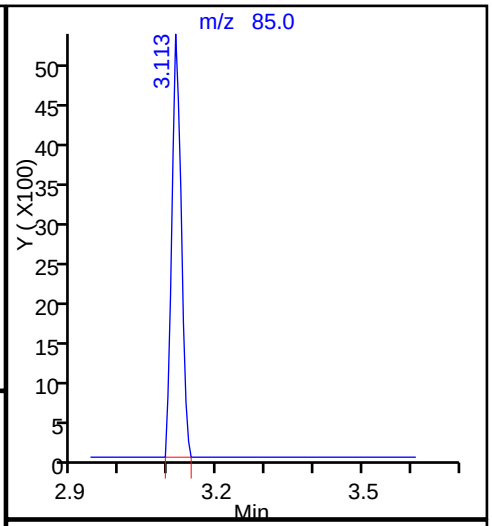
TestAmerica Burlington

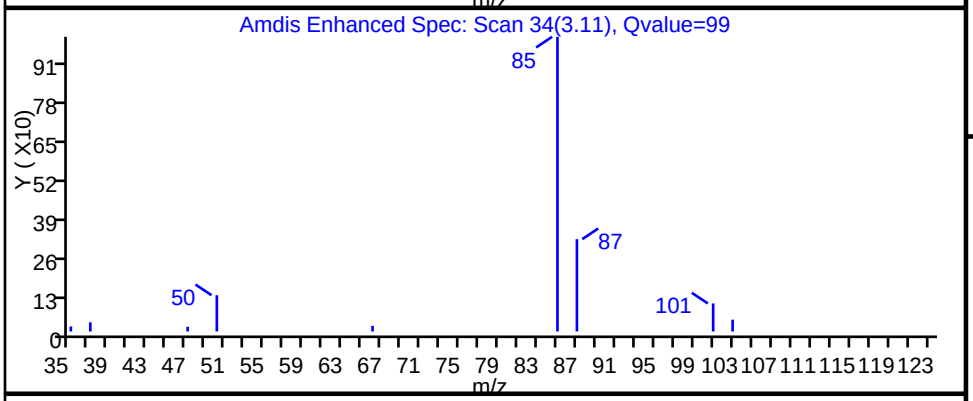
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

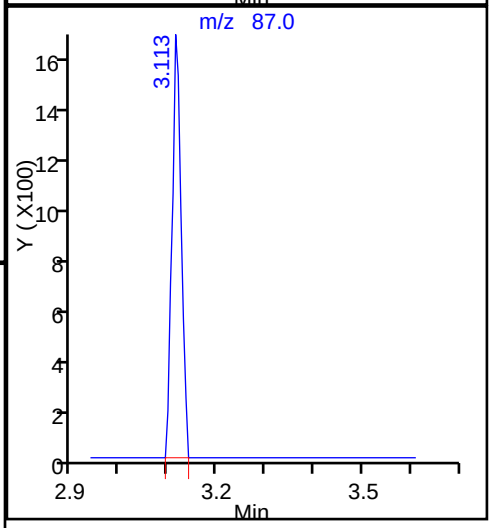
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

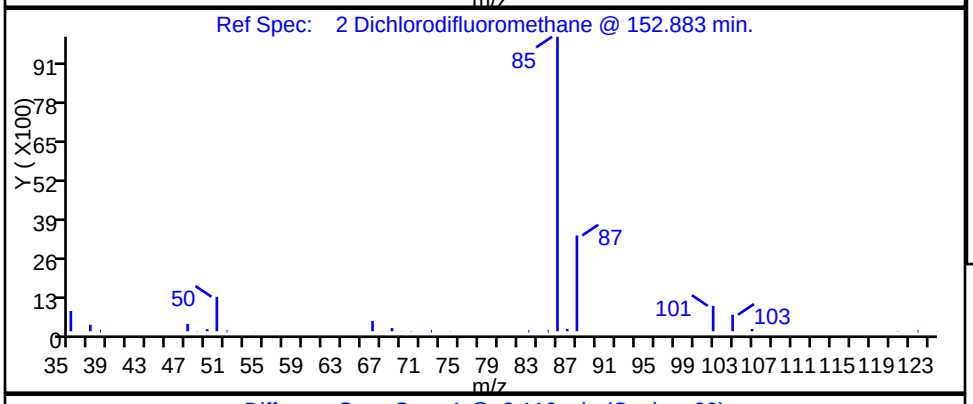
2 Dichlorodifluoromethane, CAS: 75-71-8

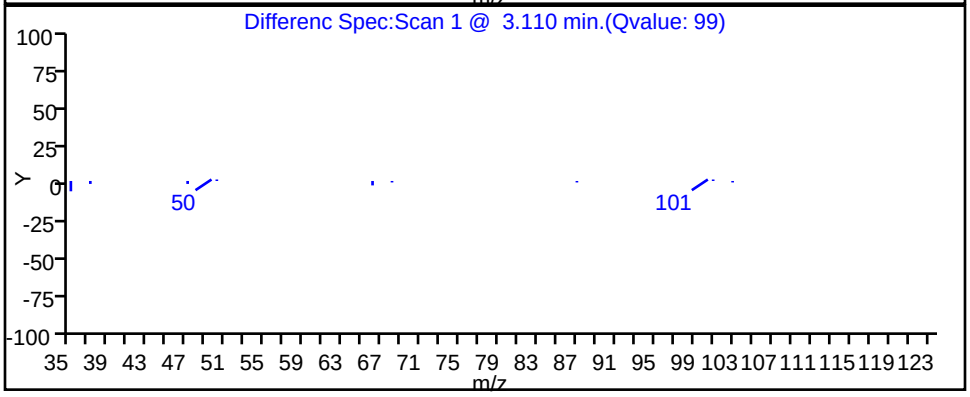












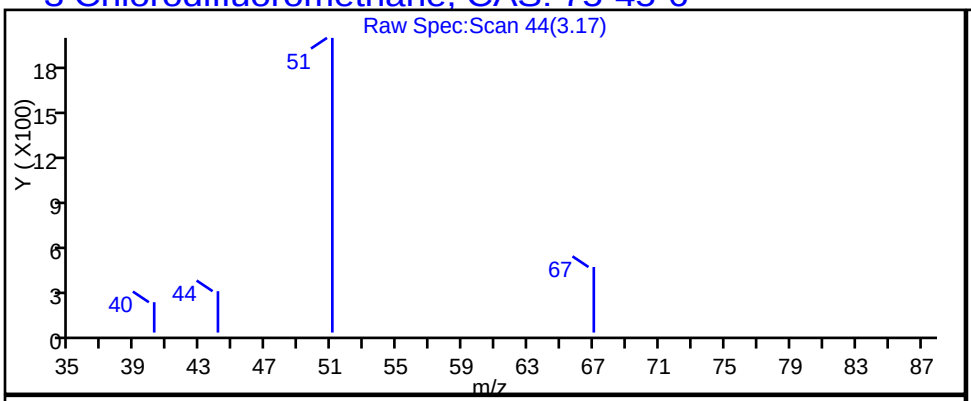
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

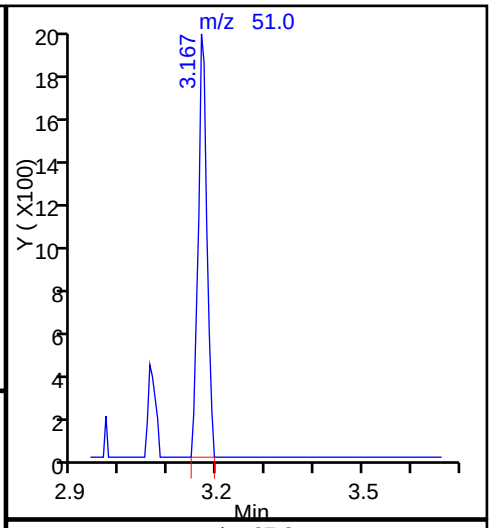
TestAmerica Burlington

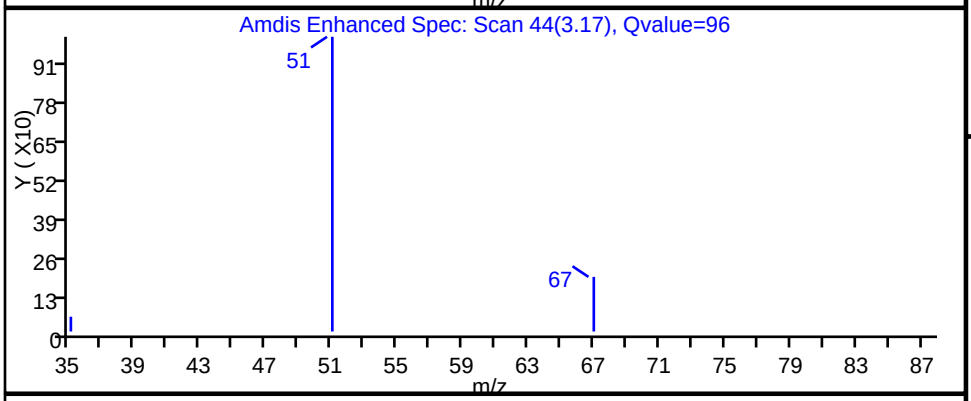
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

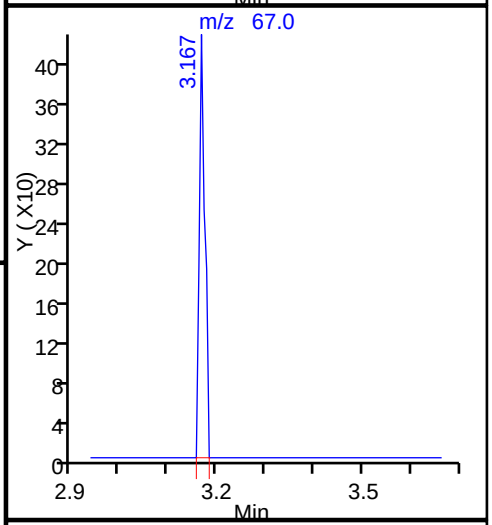
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

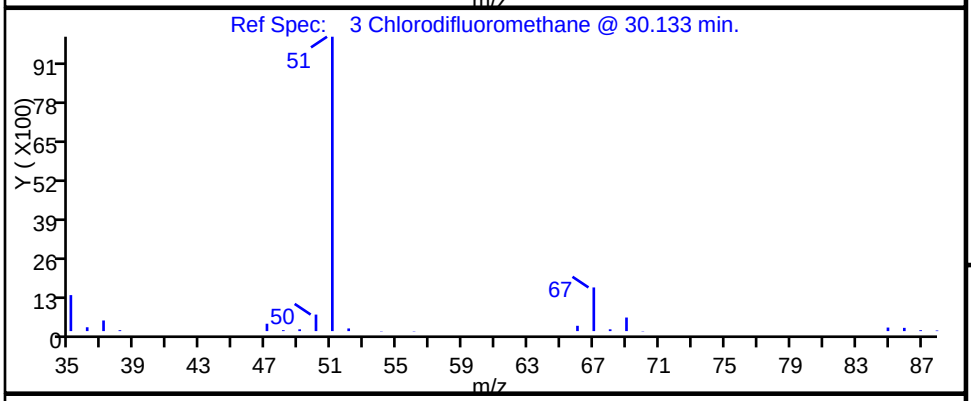
3 Chlorodifluoromethane, CAS: 75-45-6

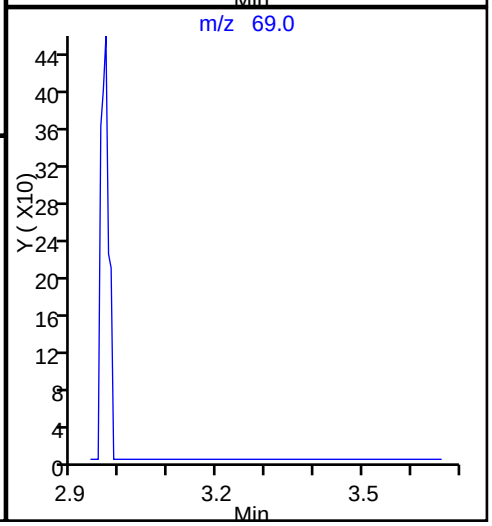


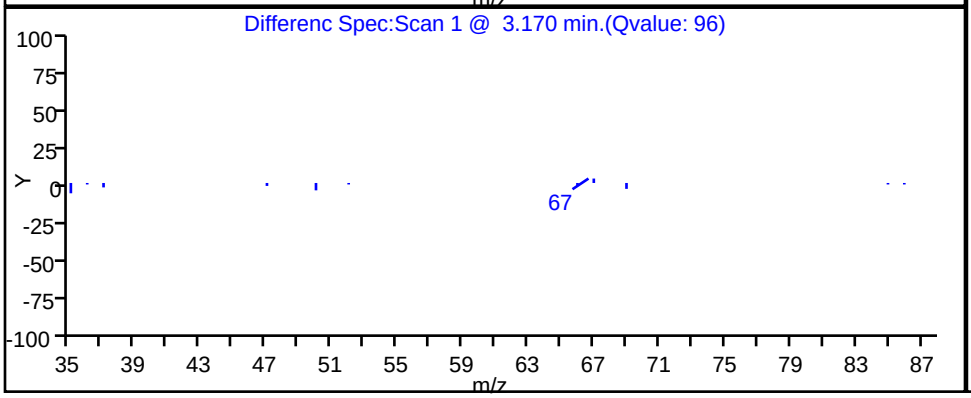












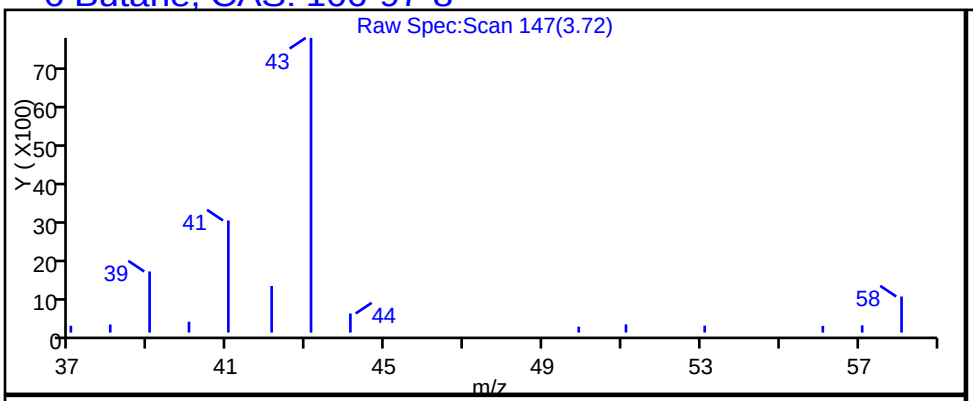
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

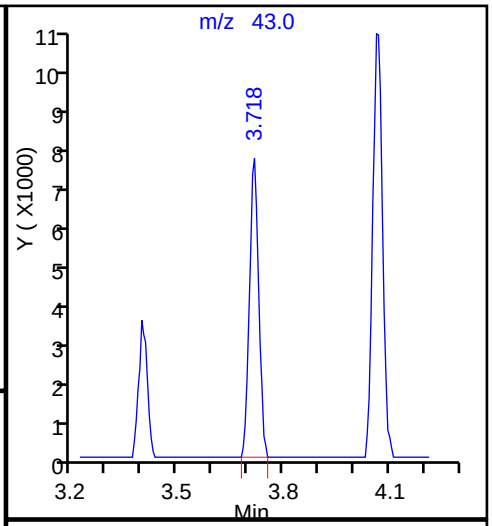
TestAmerica Burlington

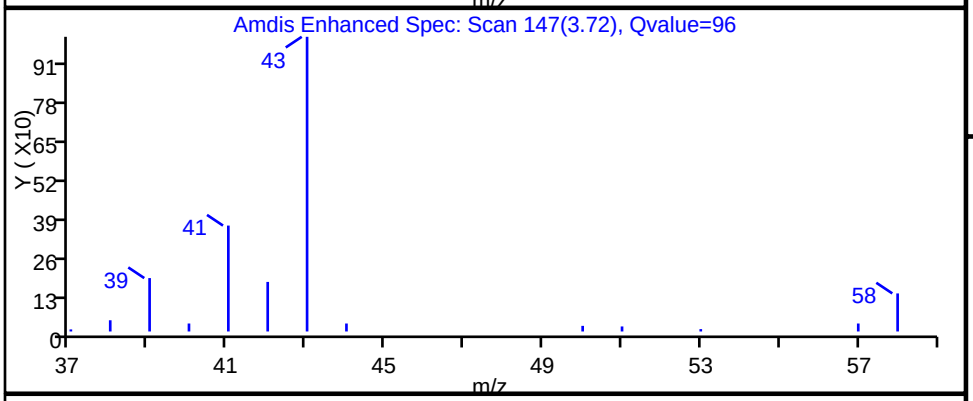
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

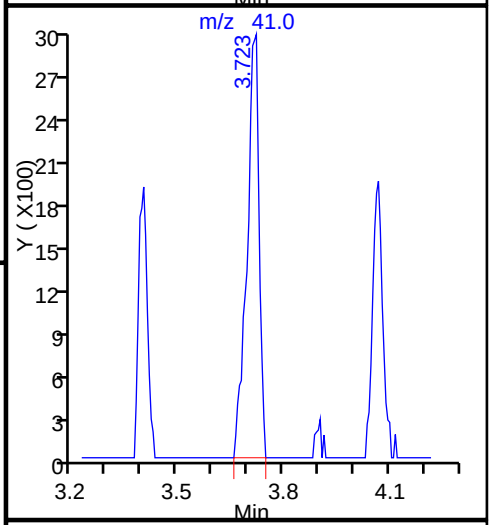
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

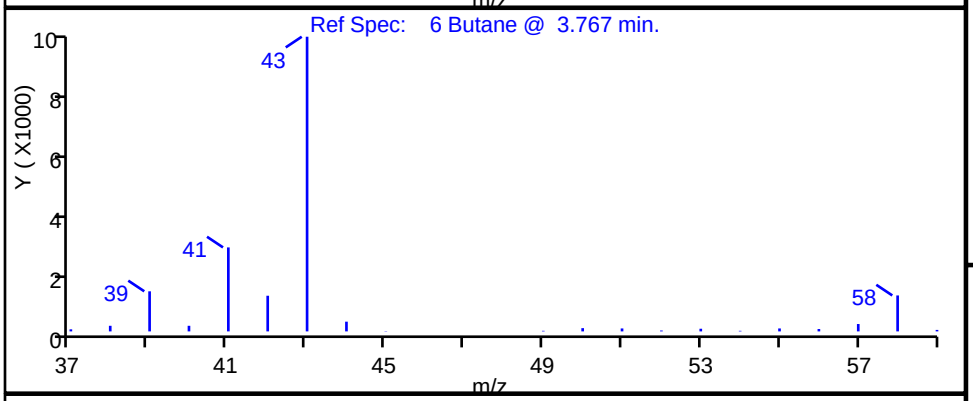
6 Butane, CAS: 106-97-8

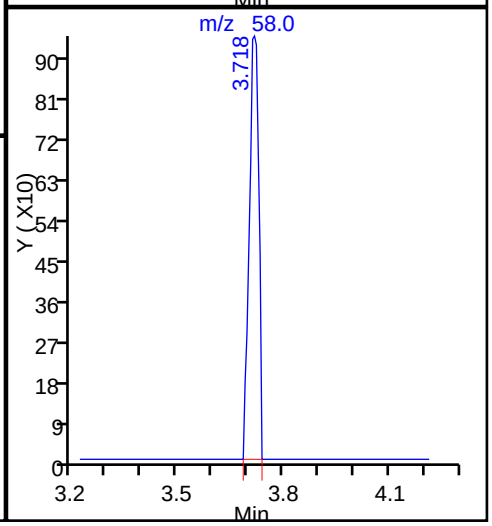


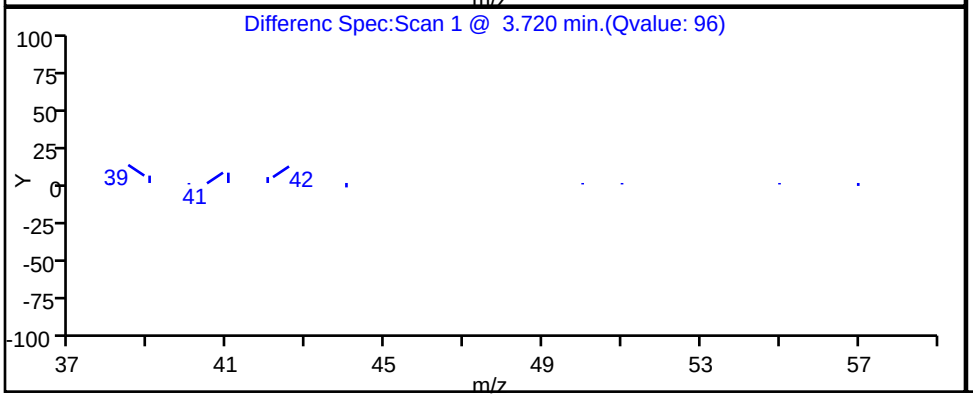












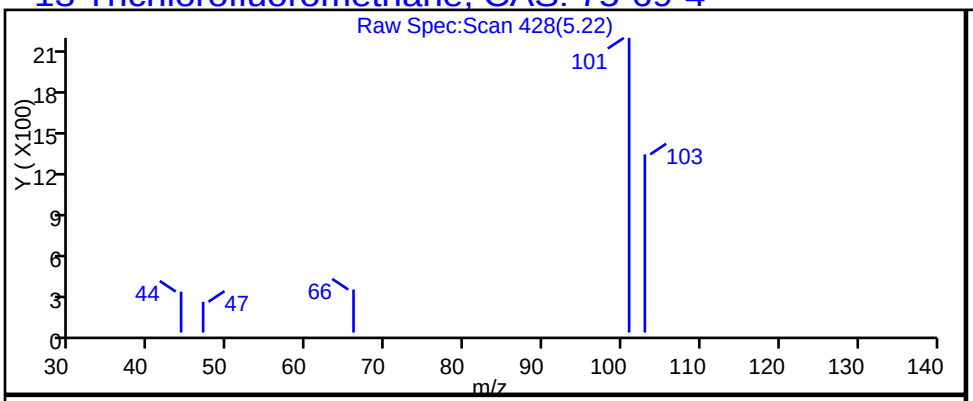
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

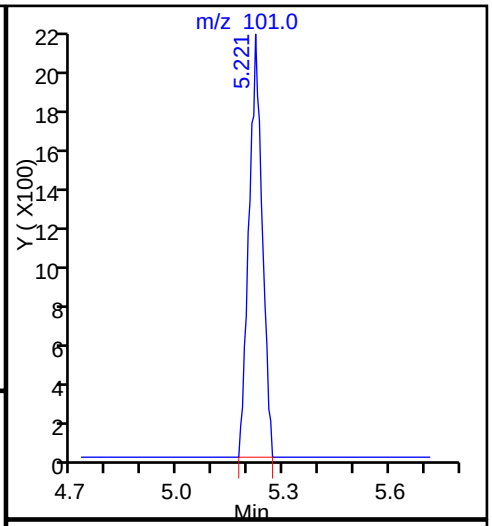
TestAmerica Burlington

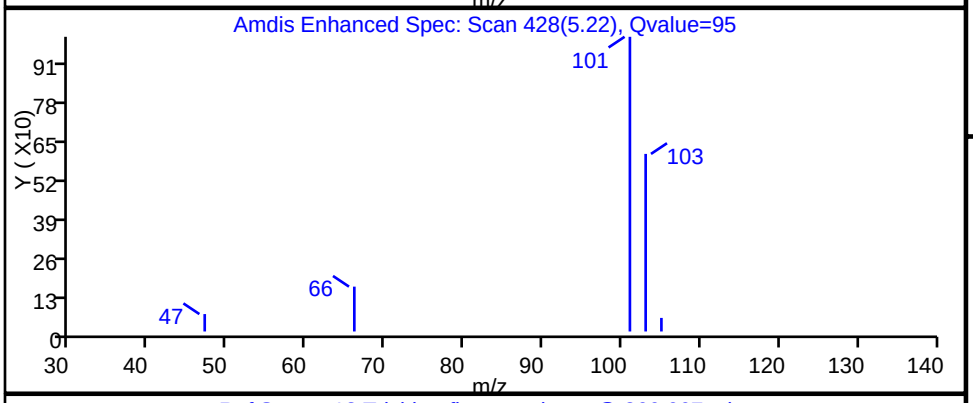
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

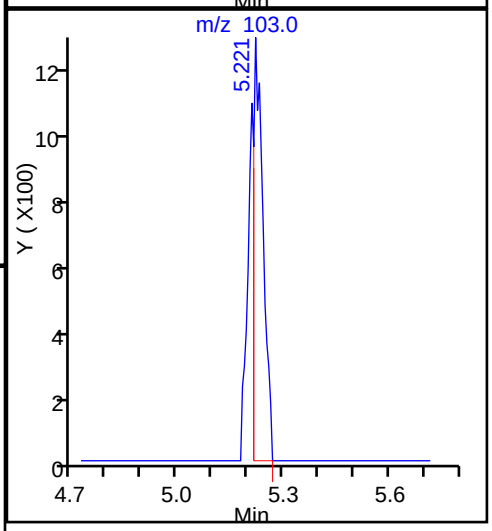
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

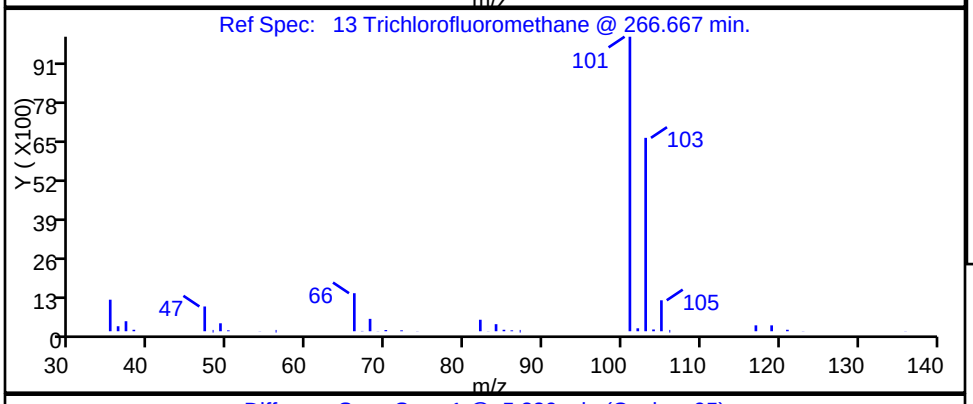
13 Trichlorofluoromethane, CAS: 75-69-4

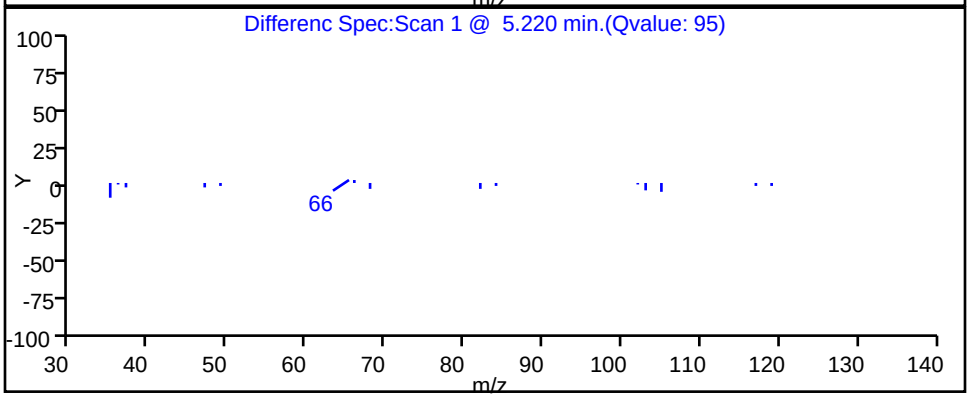










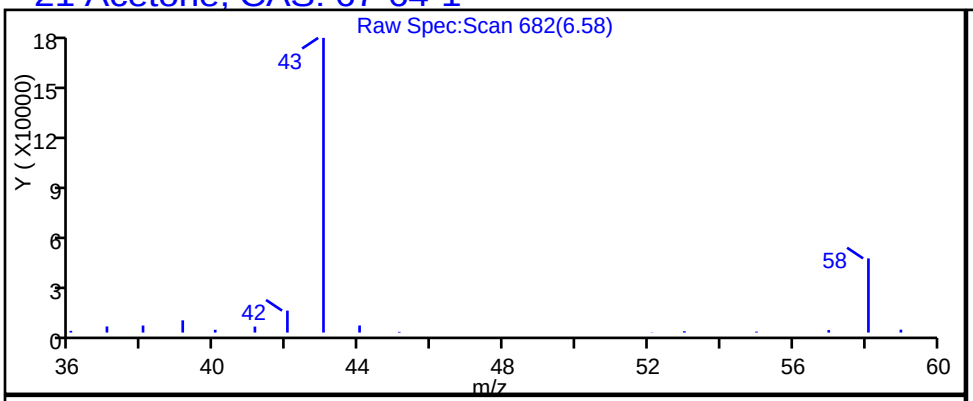


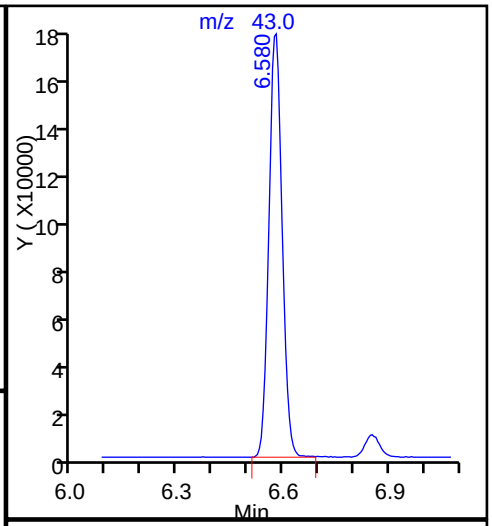
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

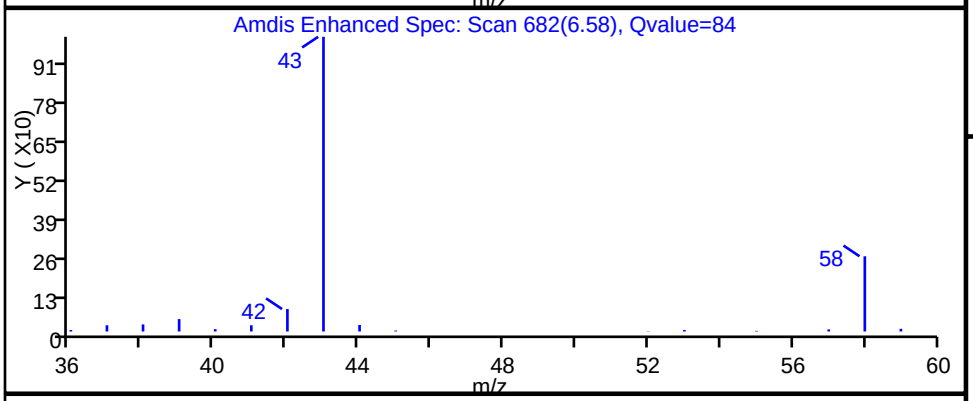
TestAmerica Burlington

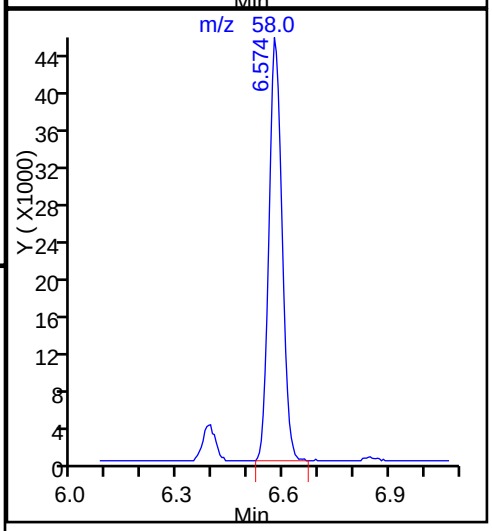
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D				
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

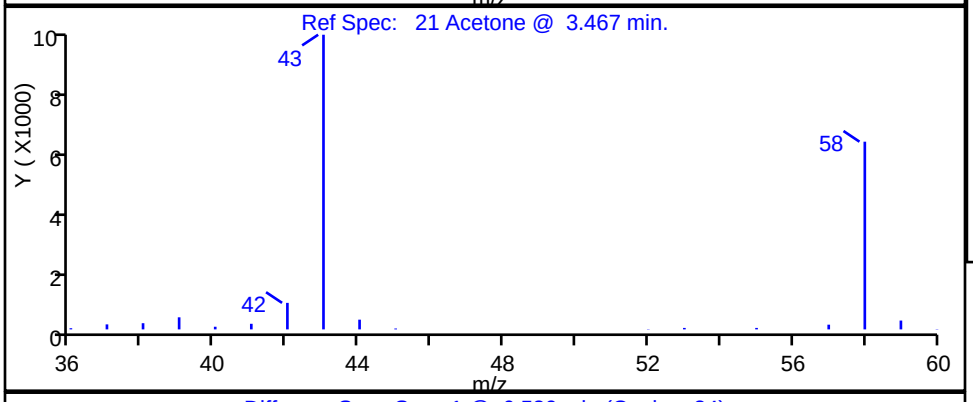
21 Acetone, CAS: 67-64-1

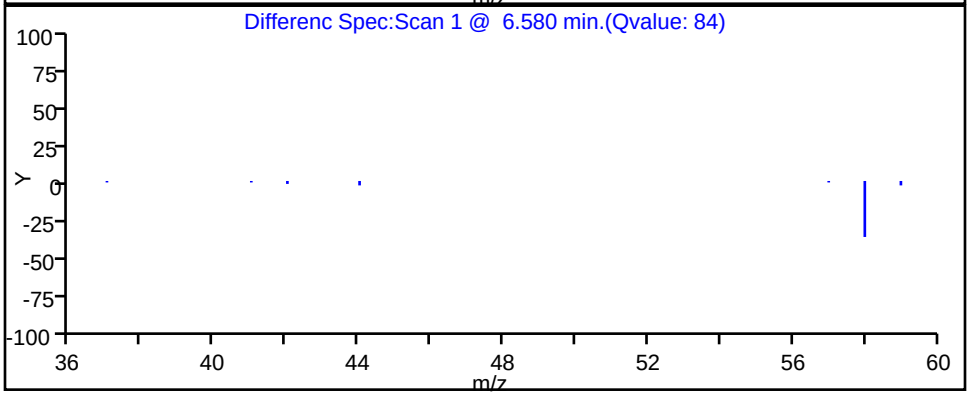








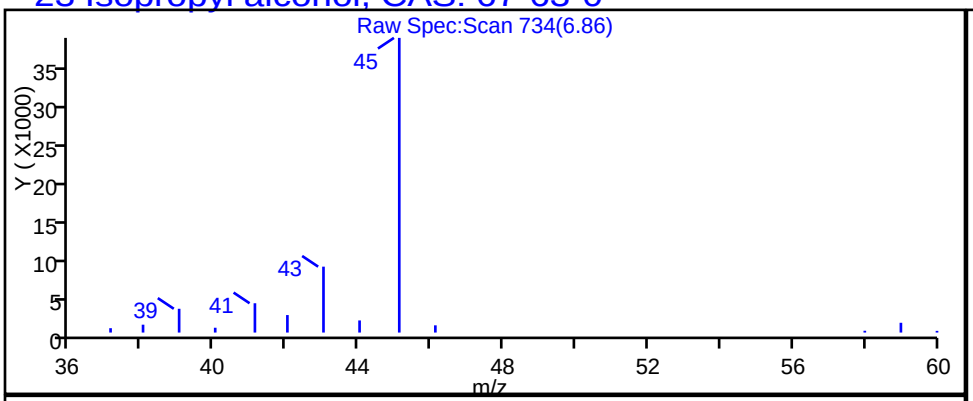


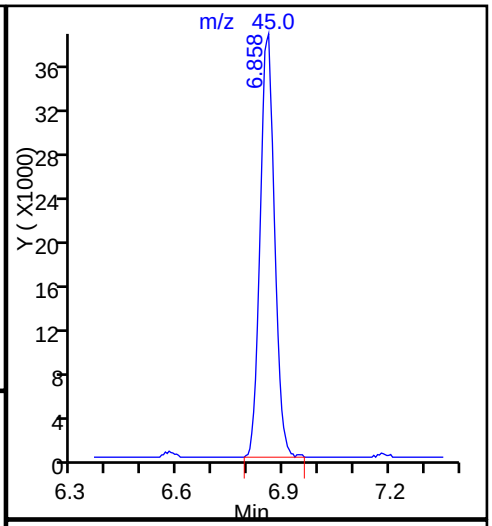


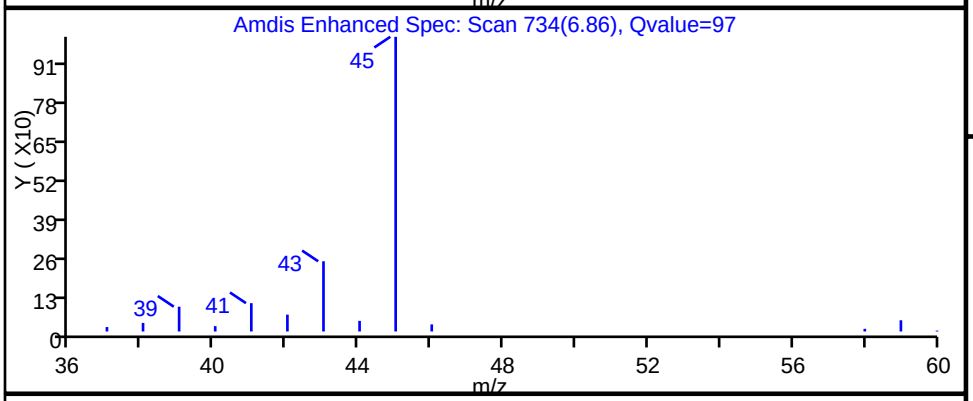
TestAmerica Burlington

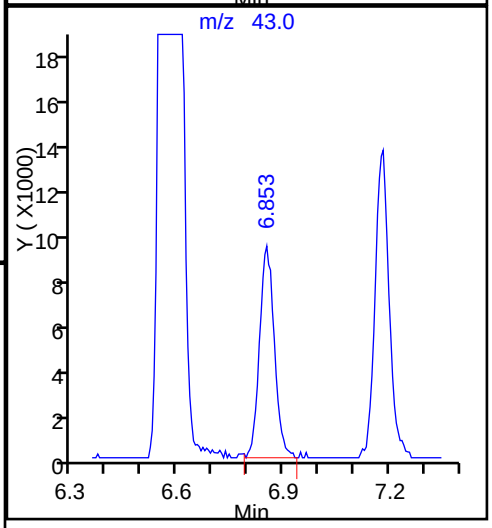
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D				
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

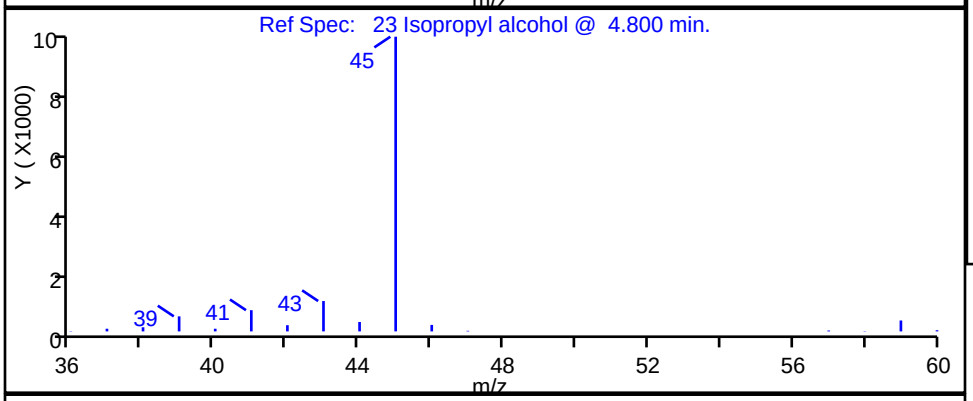
23 Isopropyl alcohol, CAS: 67-63-0

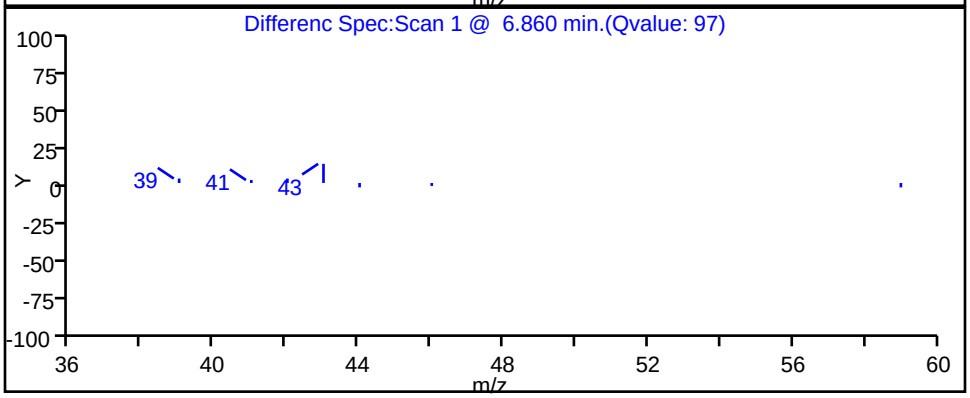








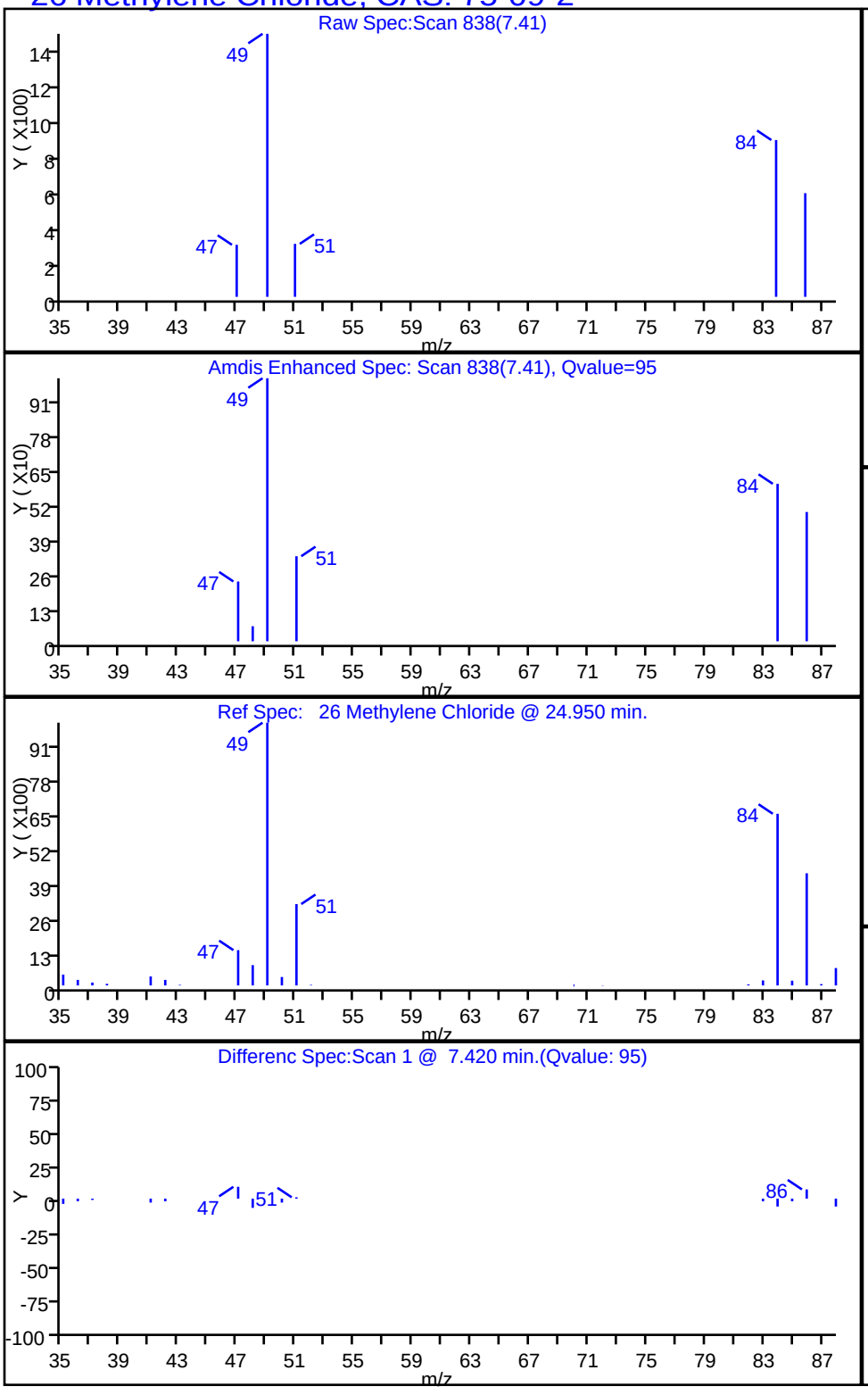


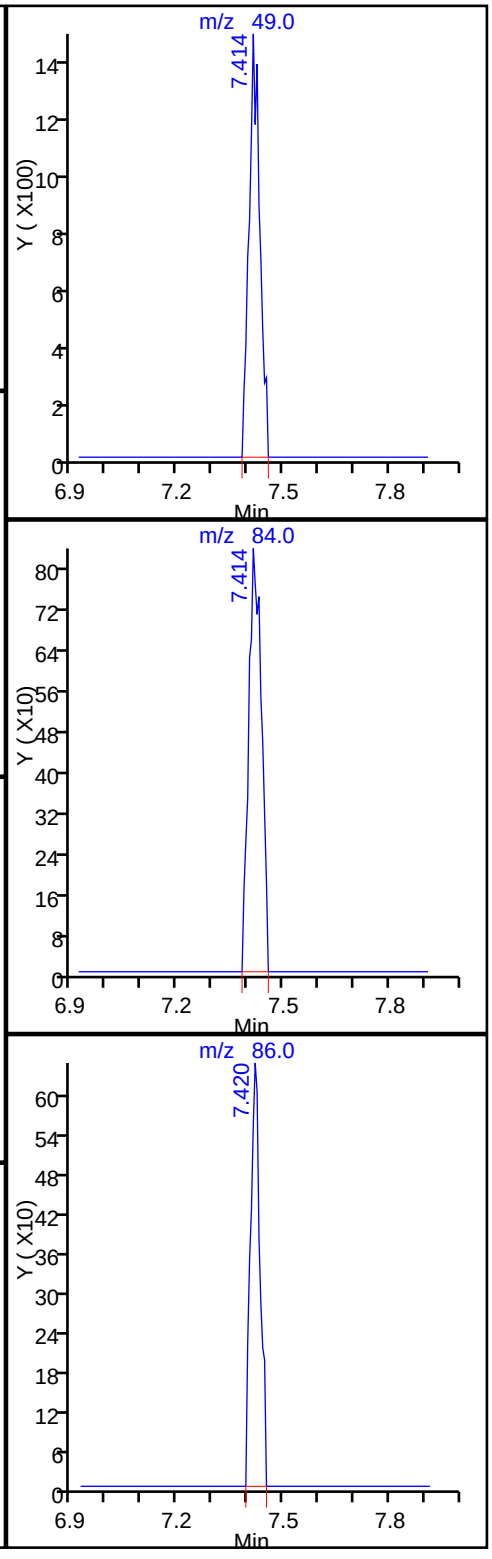


TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D		
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8
Client ID:	101IA0405FA		
Operator ID:	wrd	ALS Bottle#:	3 Worklist Smp#: 29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

26 Methylene Chloride, CAS: 75-09-2





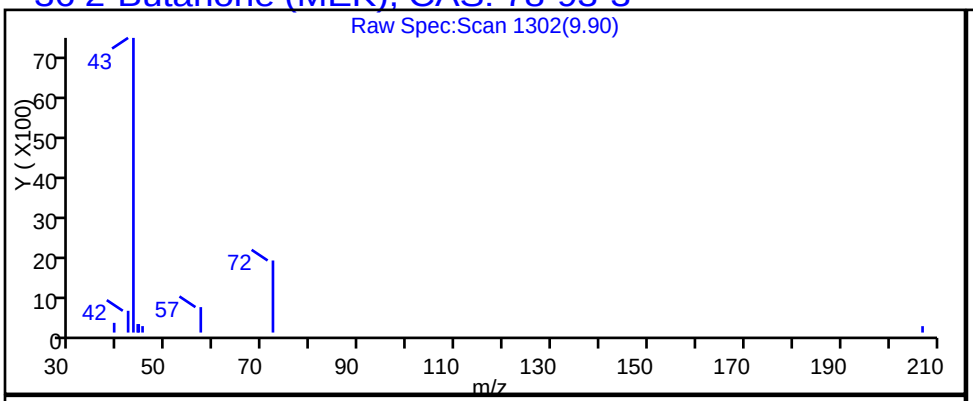
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

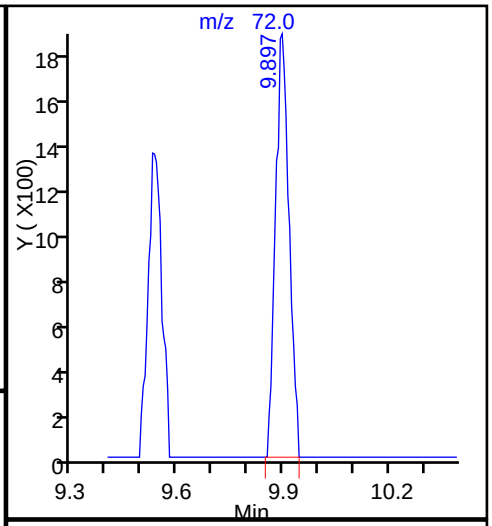
TestAmerica Burlington

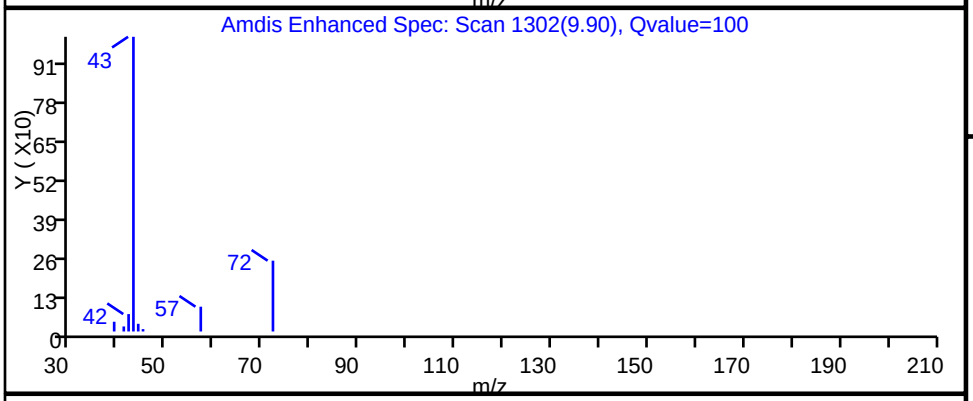
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

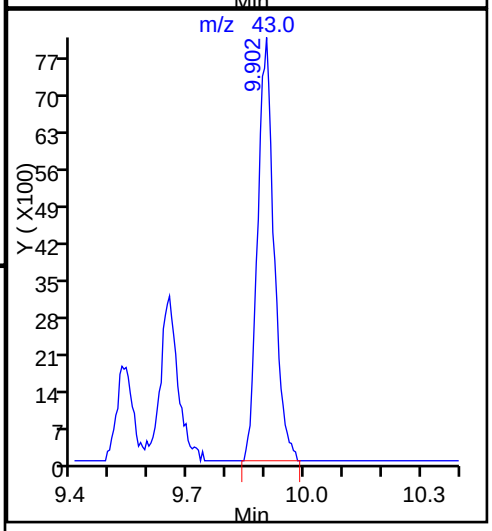
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

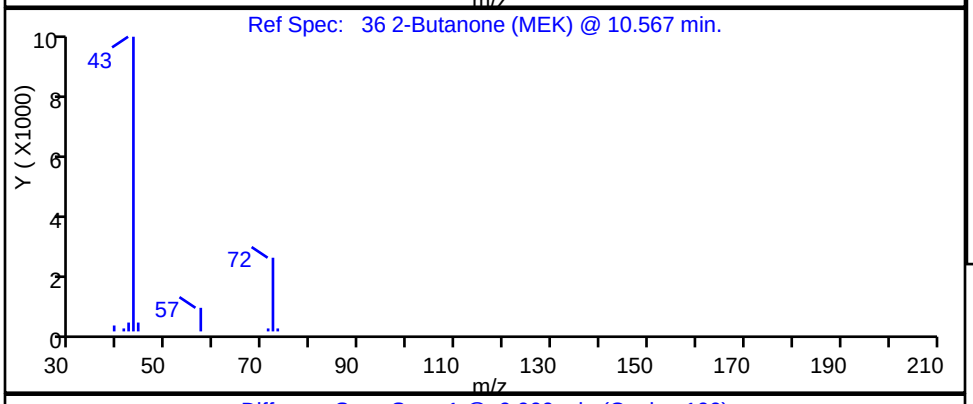
36 2-Butanone (MEK), CAS: 78-93-3

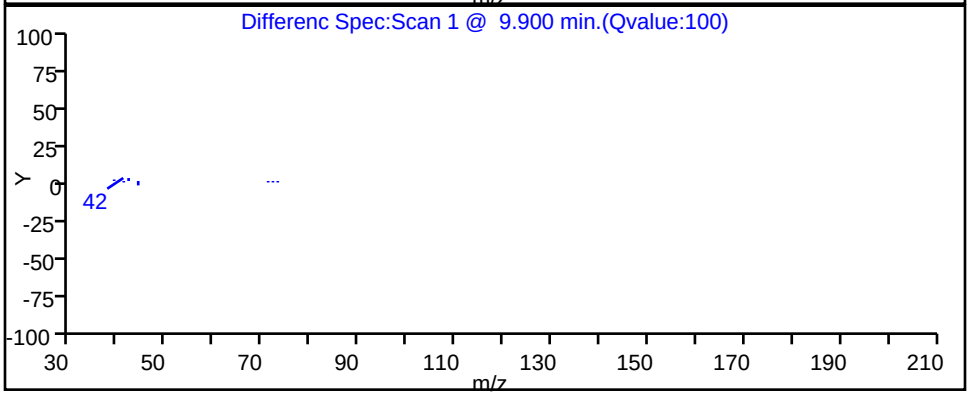












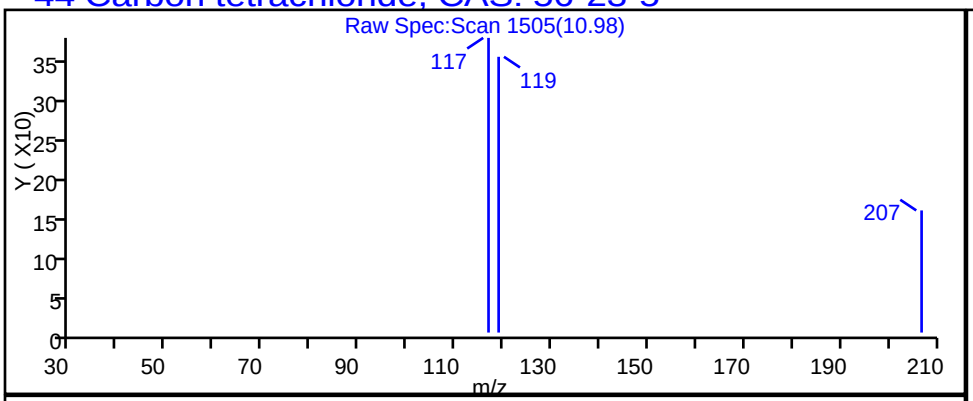
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

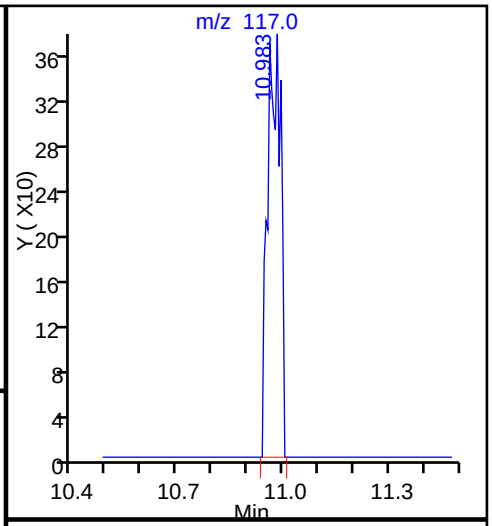
TestAmerica Burlington

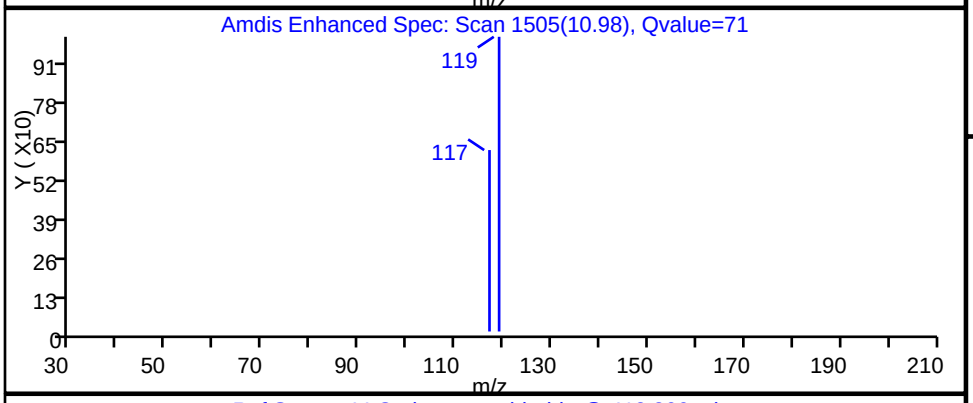
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

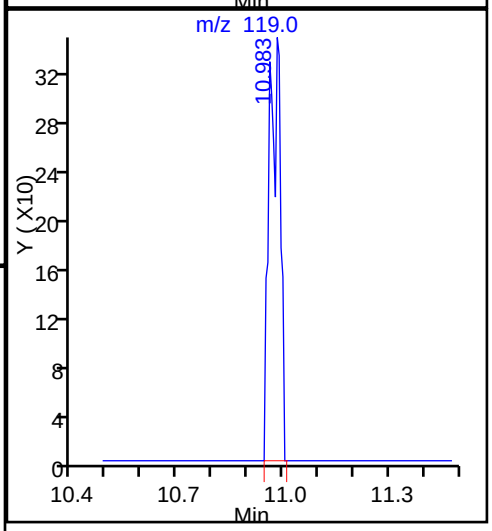
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

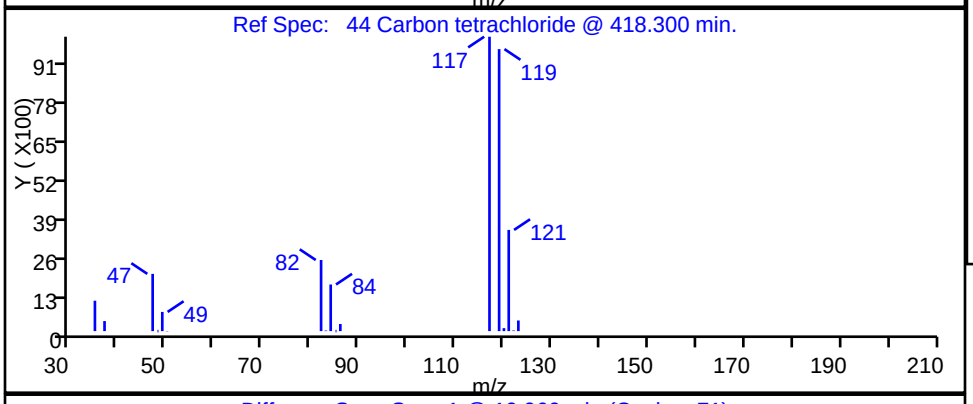
44 Carbon tetrachloride, CAS: 56-23-5

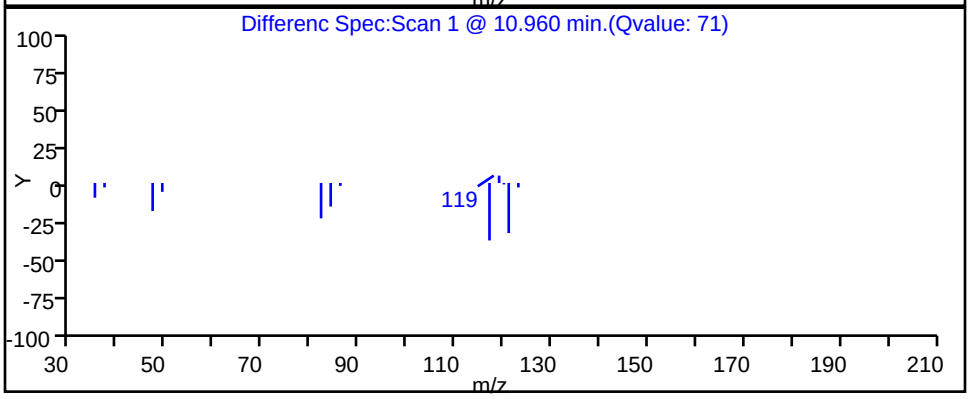












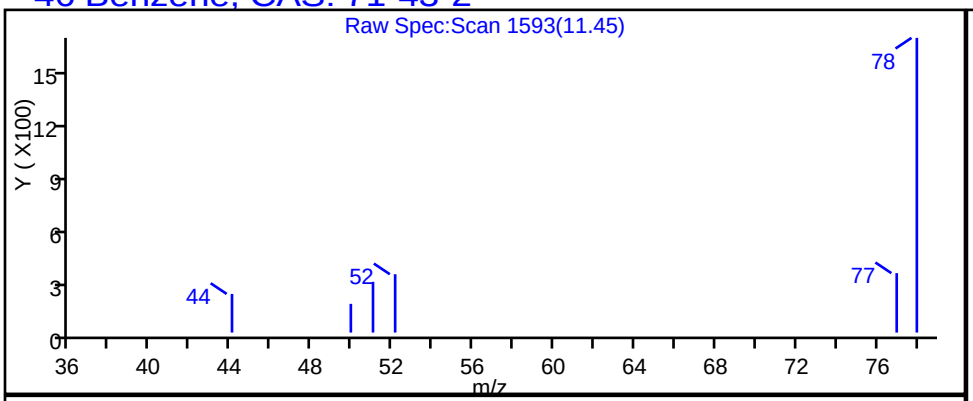
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

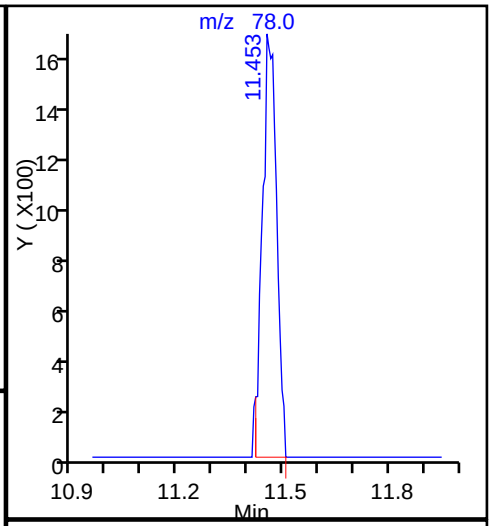
TestAmerica Burlington

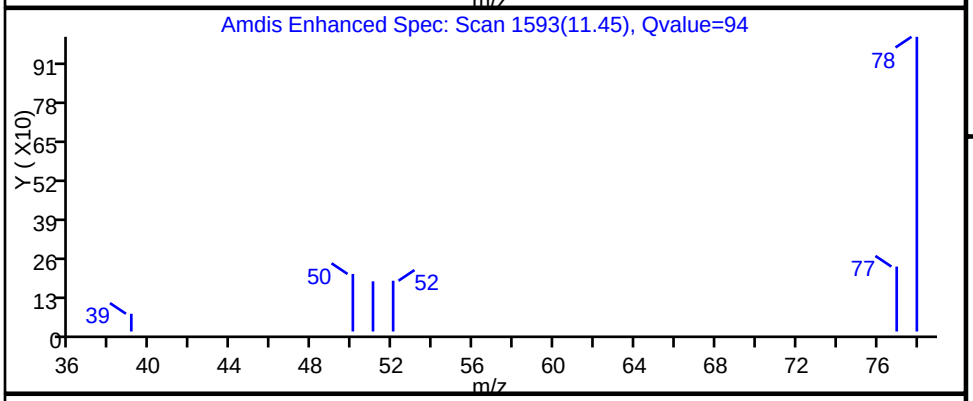
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

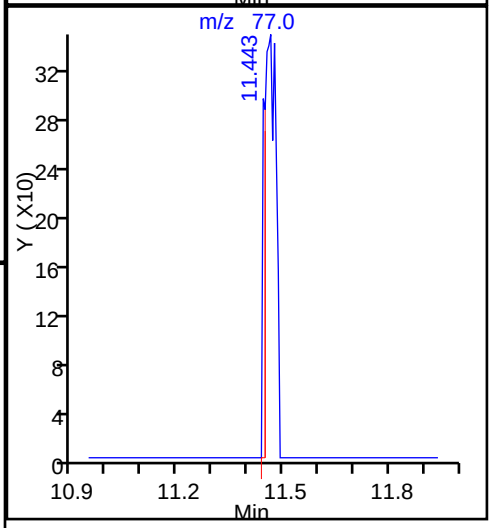
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

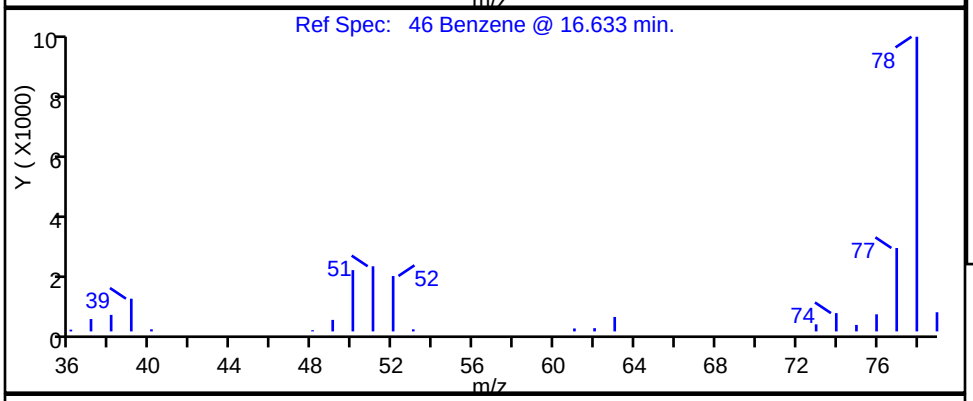
46 Benzene, CAS: 71-43-2

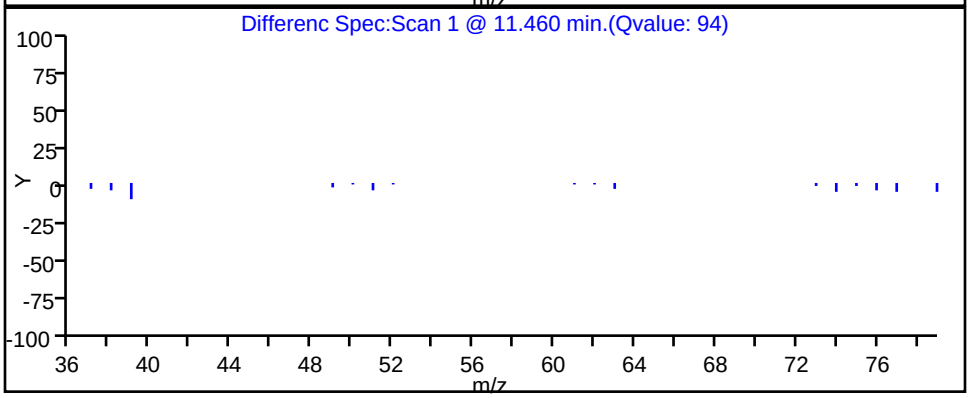












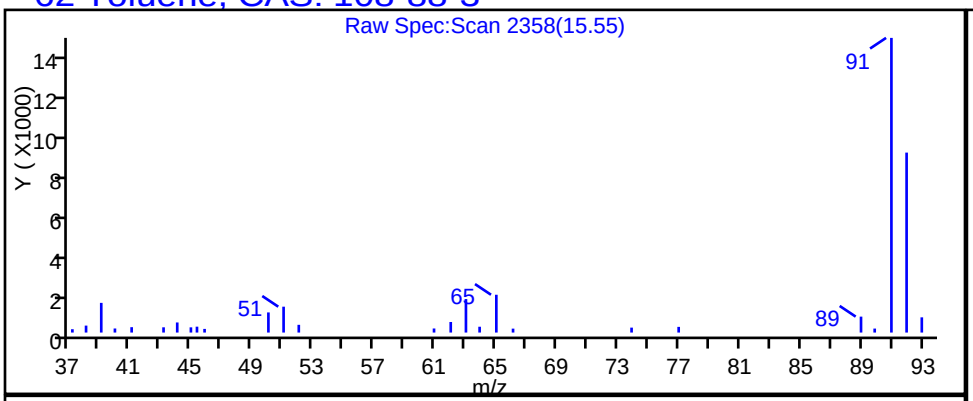
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

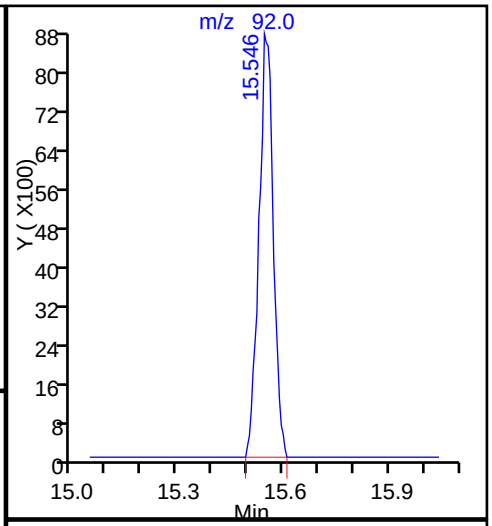
TestAmerica Burlington

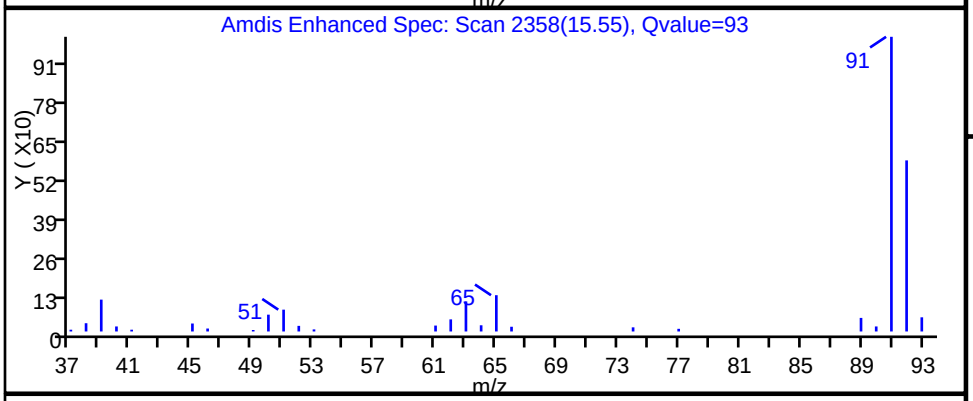
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

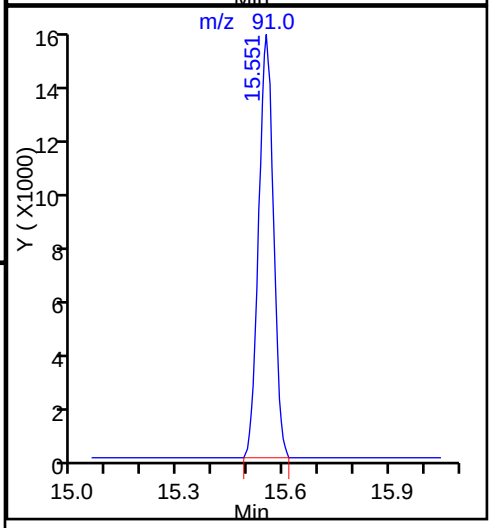
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

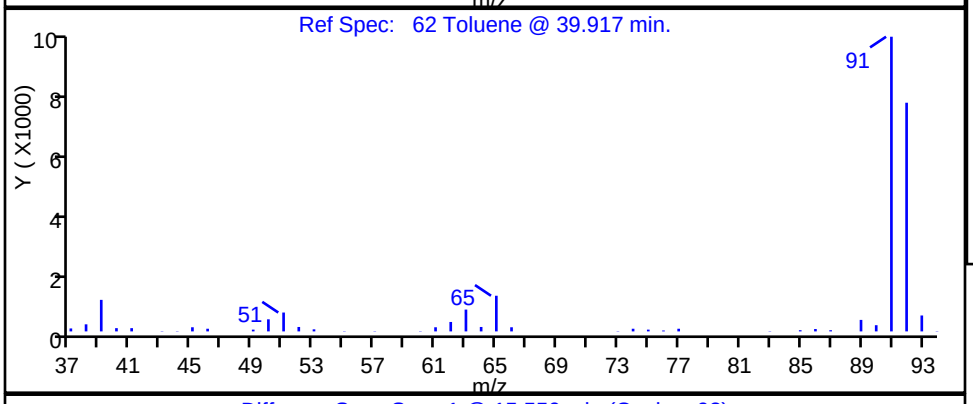
62 Toluene, CAS: 108-88-3

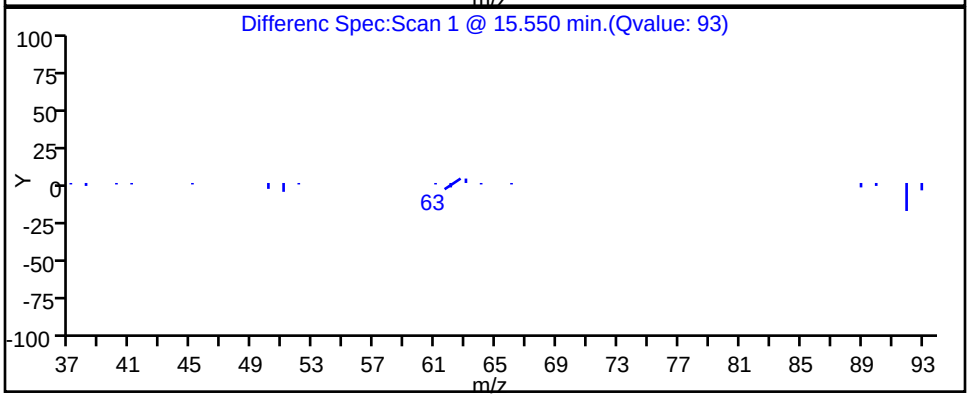












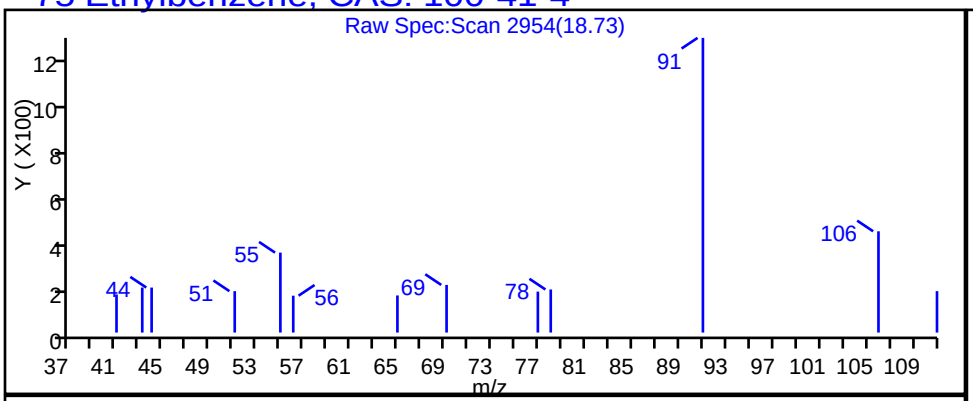
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

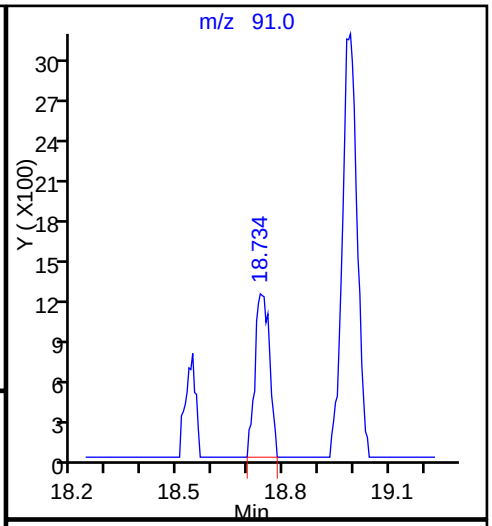
TestAmerica Burlington

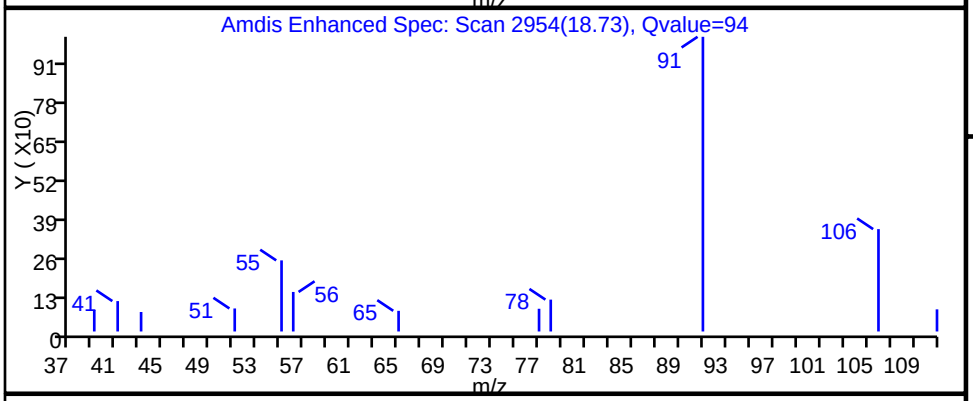
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

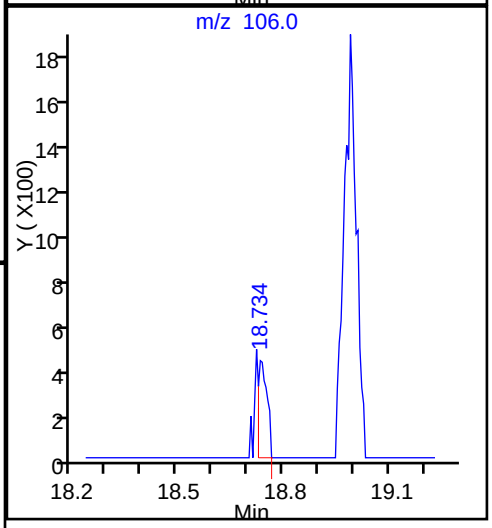
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

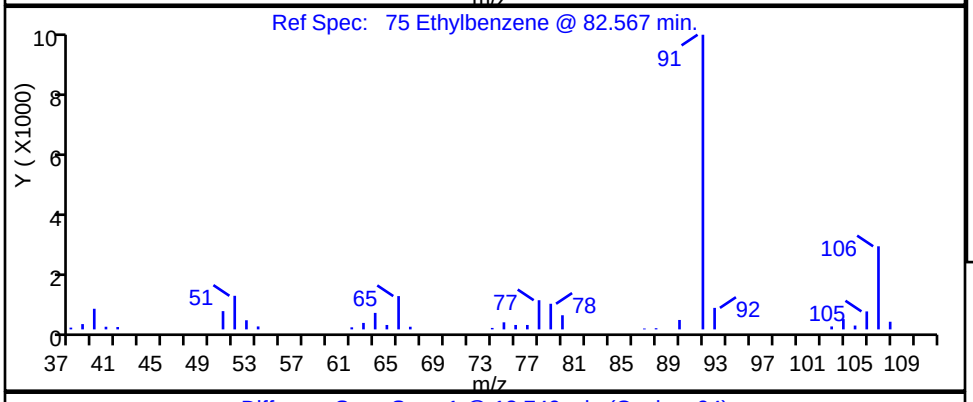
75 Ethylbenzene, CAS: 100-41-4

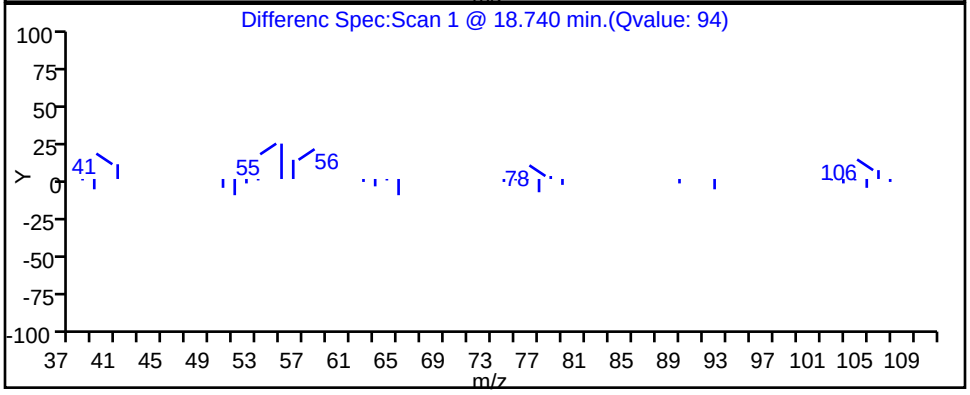












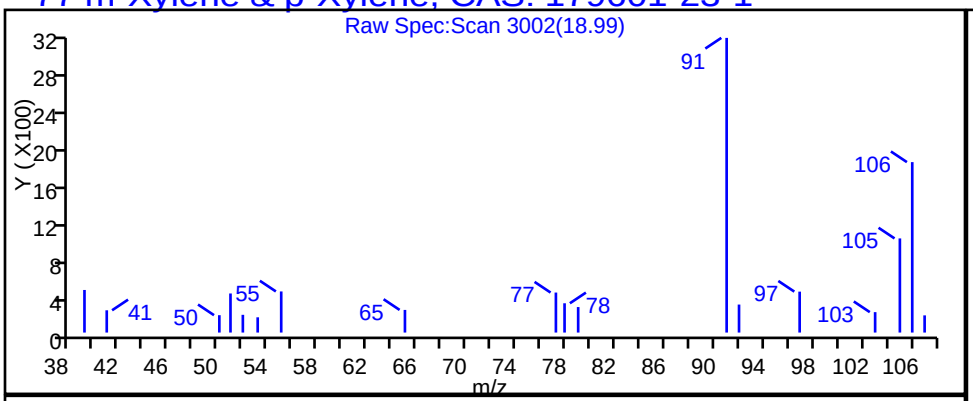
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

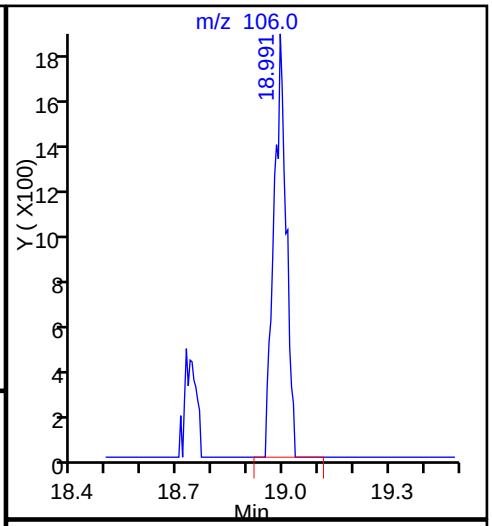
TestAmerica Burlington

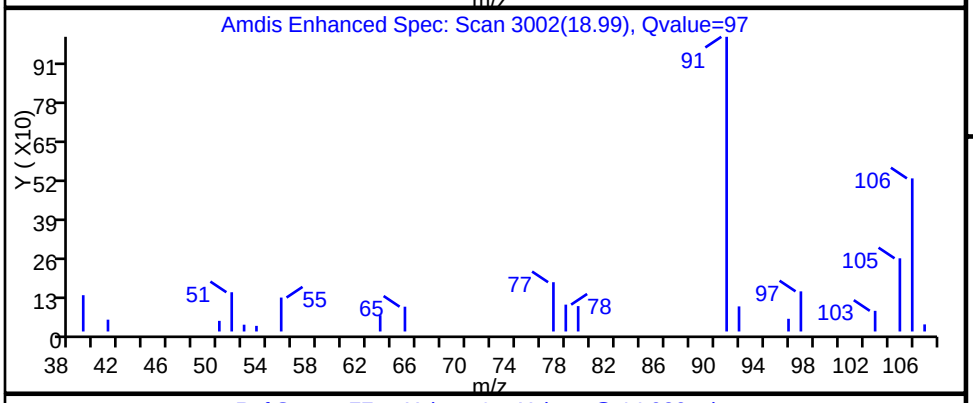
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

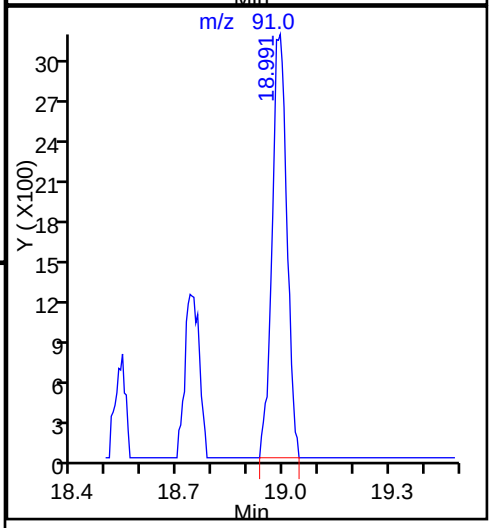
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

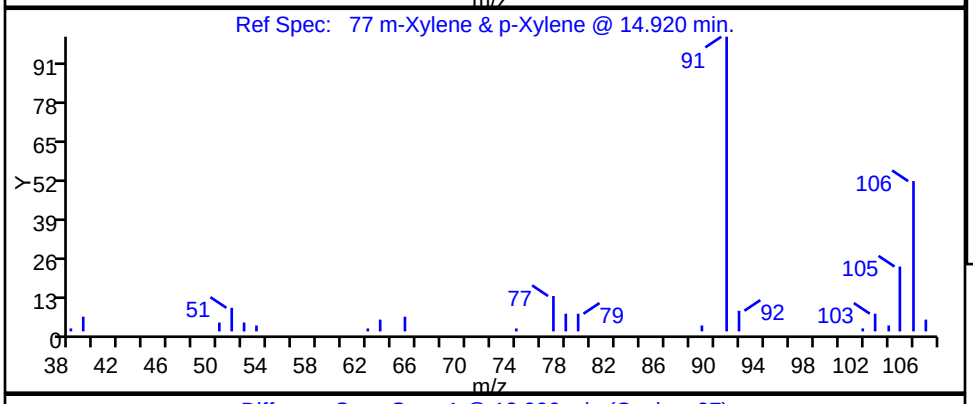
77 m-Xylene & p-Xylene, CAS: 179601-23-1

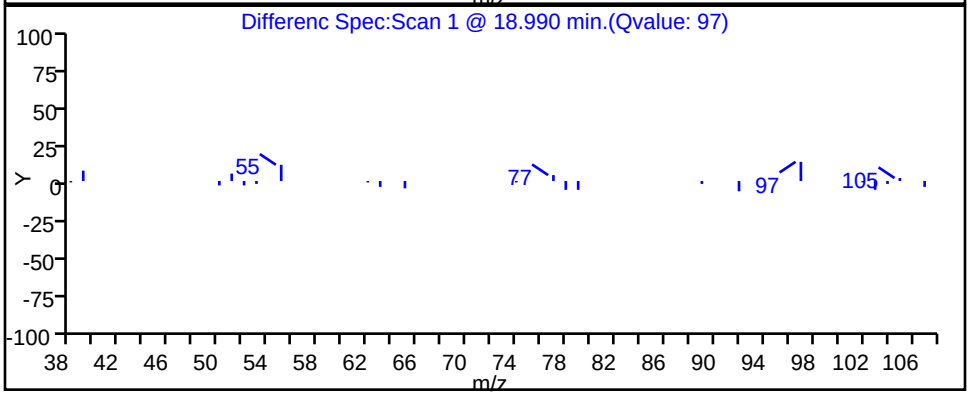












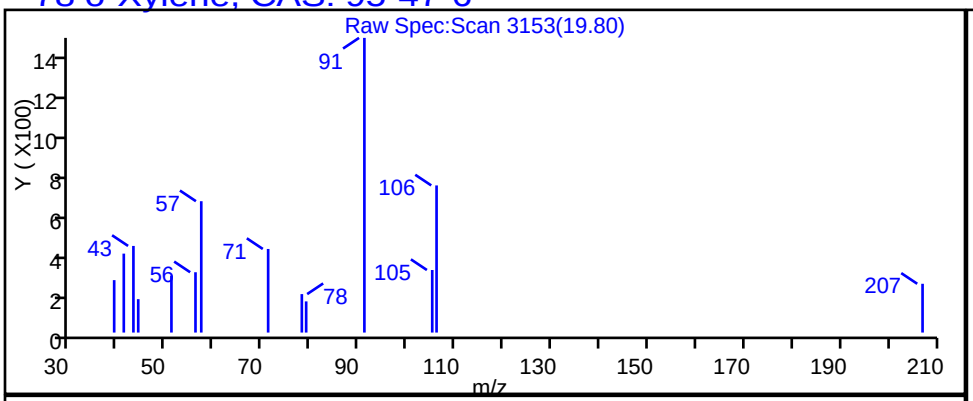
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

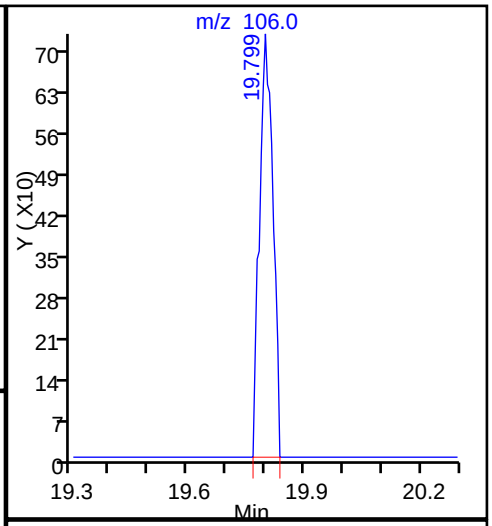
TestAmerica Burlington

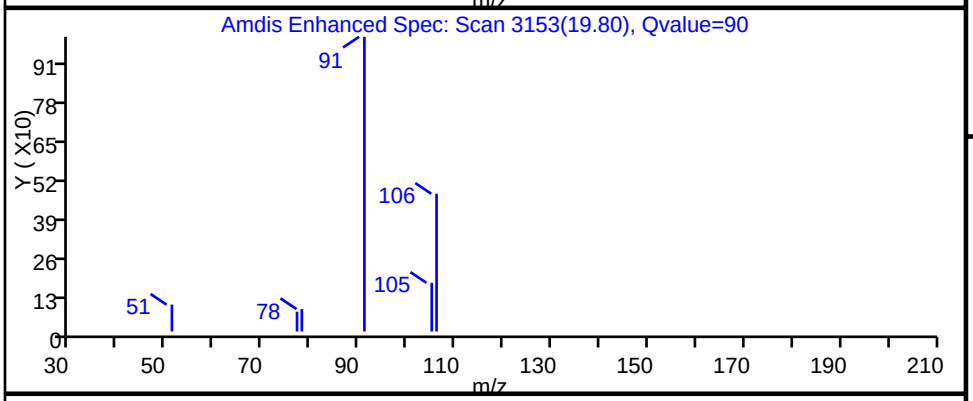
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

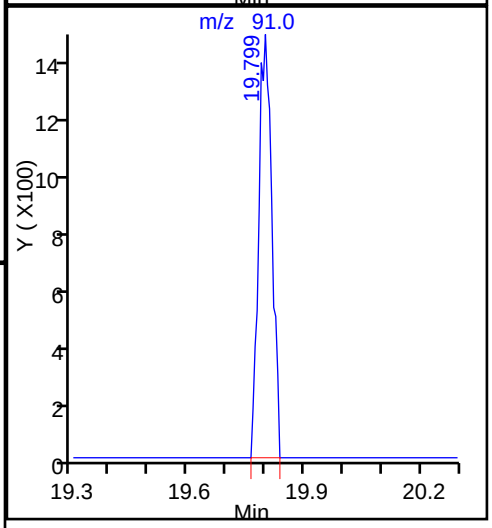
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

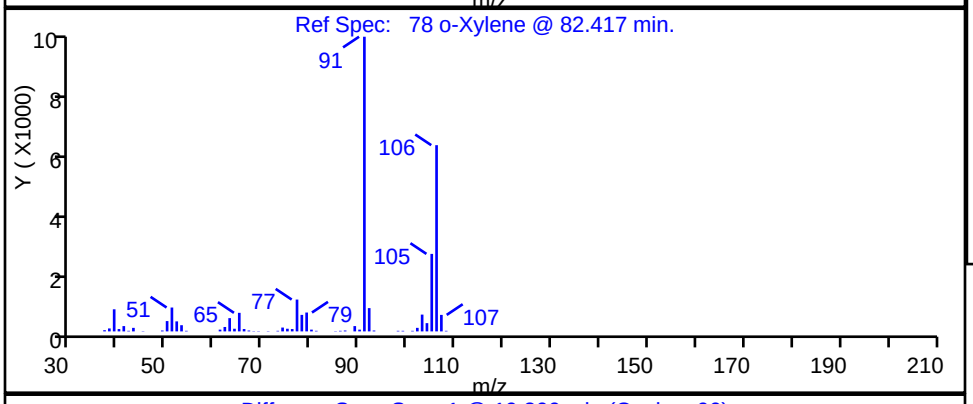
78 o-Xylene, CAS: 95-47-6

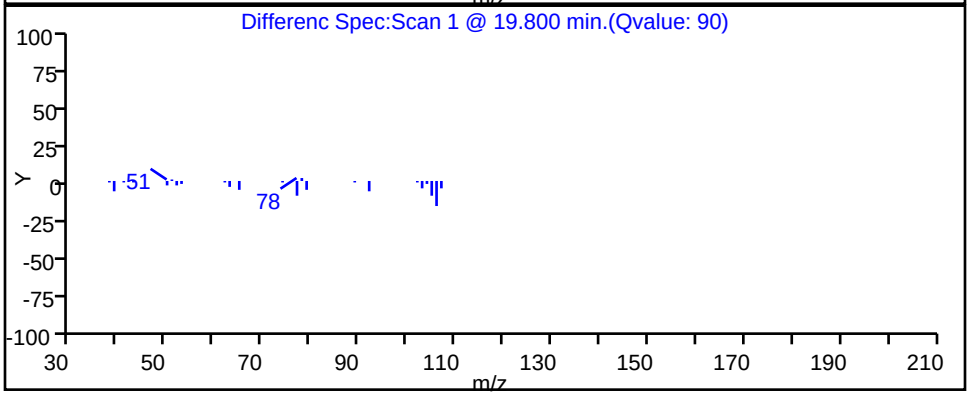












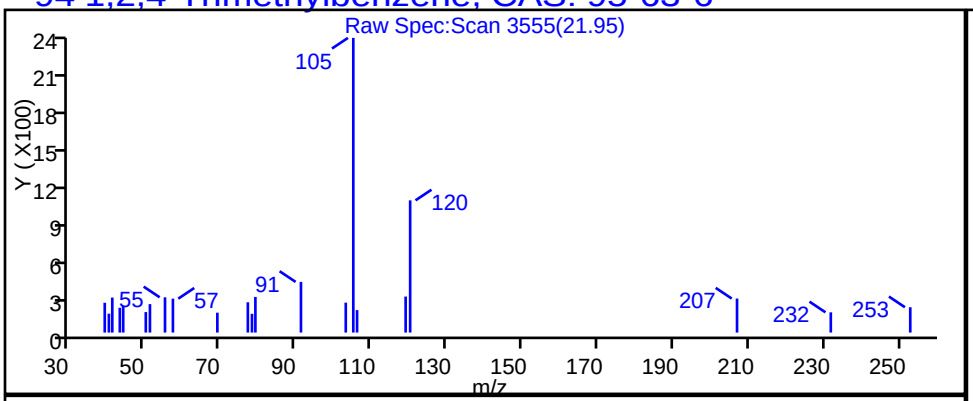
Report Date: 29-Jan-2015 10:21:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

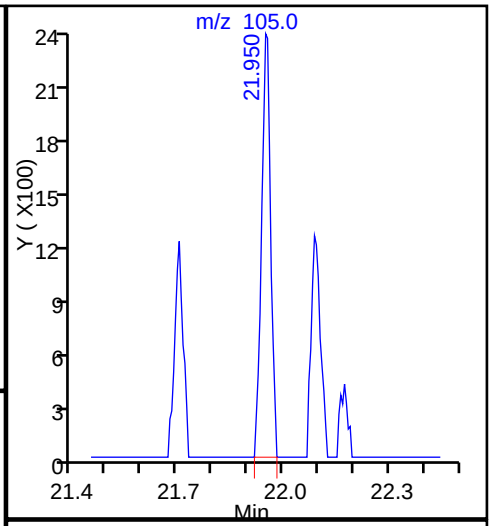
TestAmerica Burlington

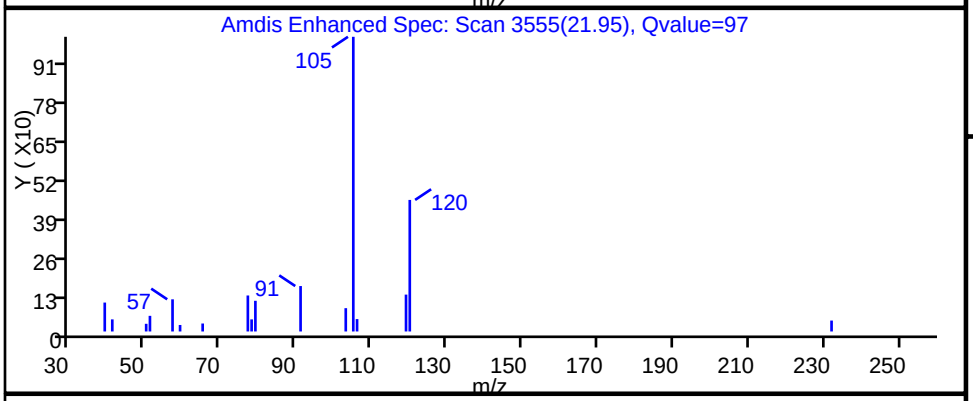
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D

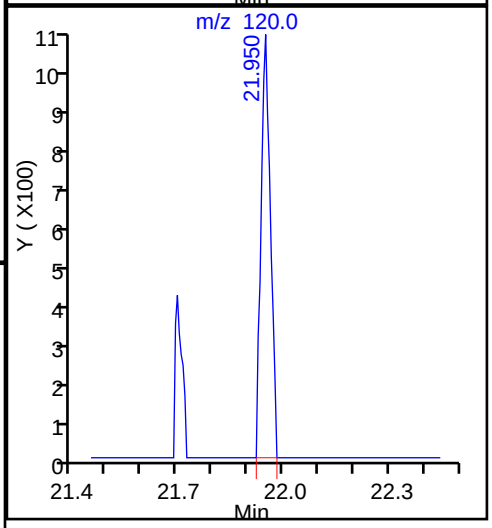
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

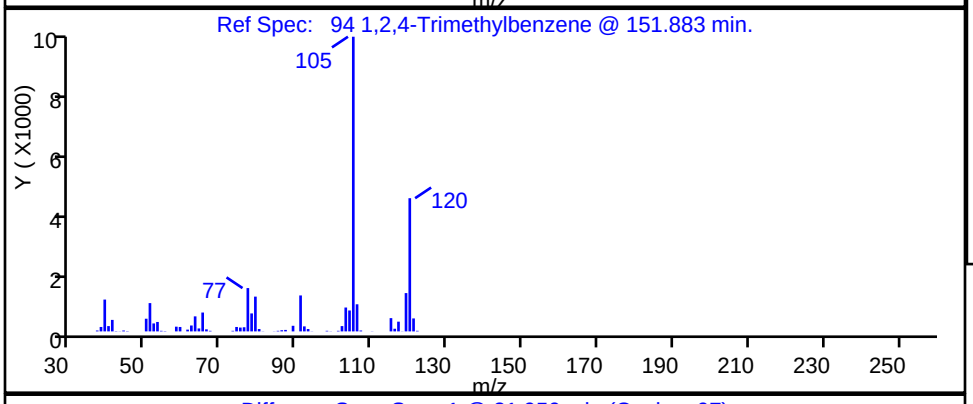
94 1,2,4-Trimethylbenzene, CAS: 95-63-6

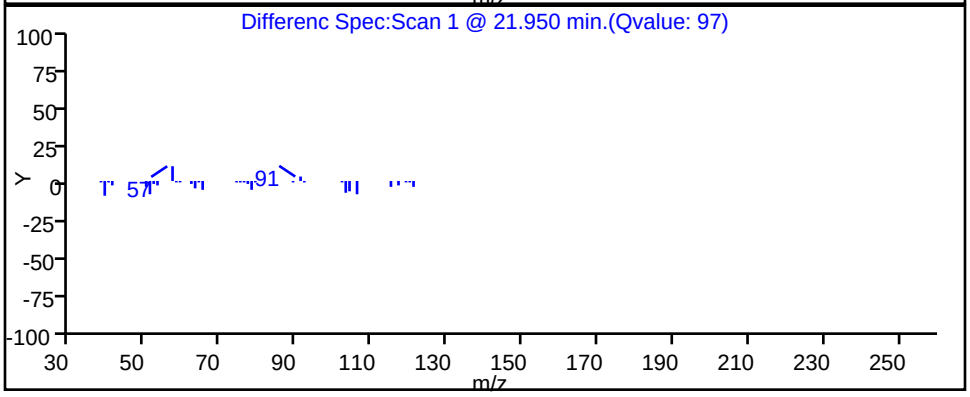












Manual Integration/User Assign Peak Report

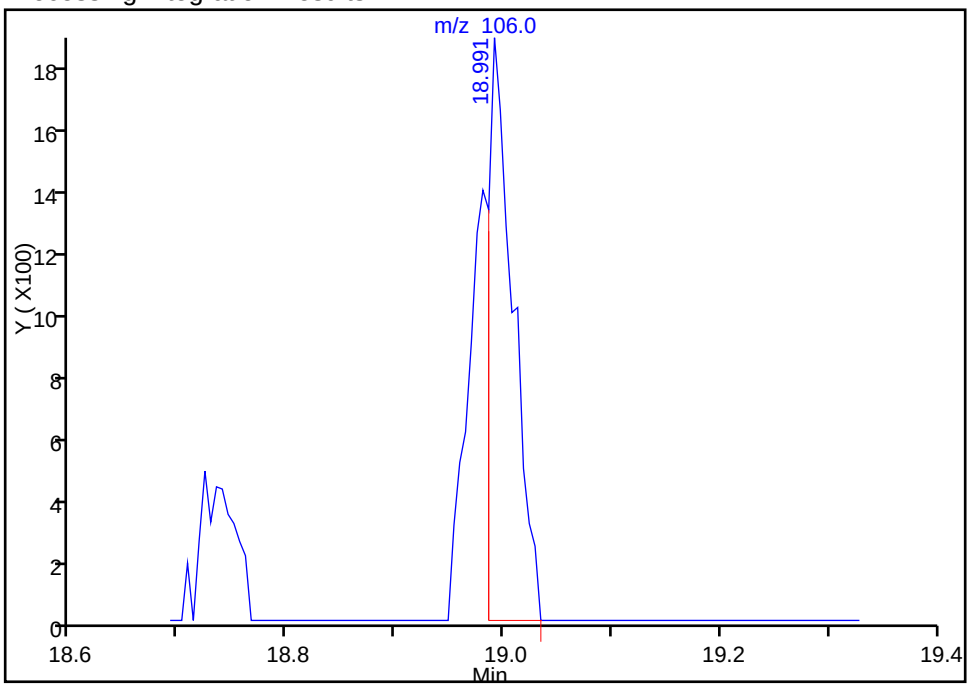
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-029.D				
Injection Date:	29-Jan-2015 09:42:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-8	Lab Sample ID:	200-64806-8		
Client ID:	101IA0405FA				
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

77 m-Xylene & p-Xylene, CAS: 179601-23-1

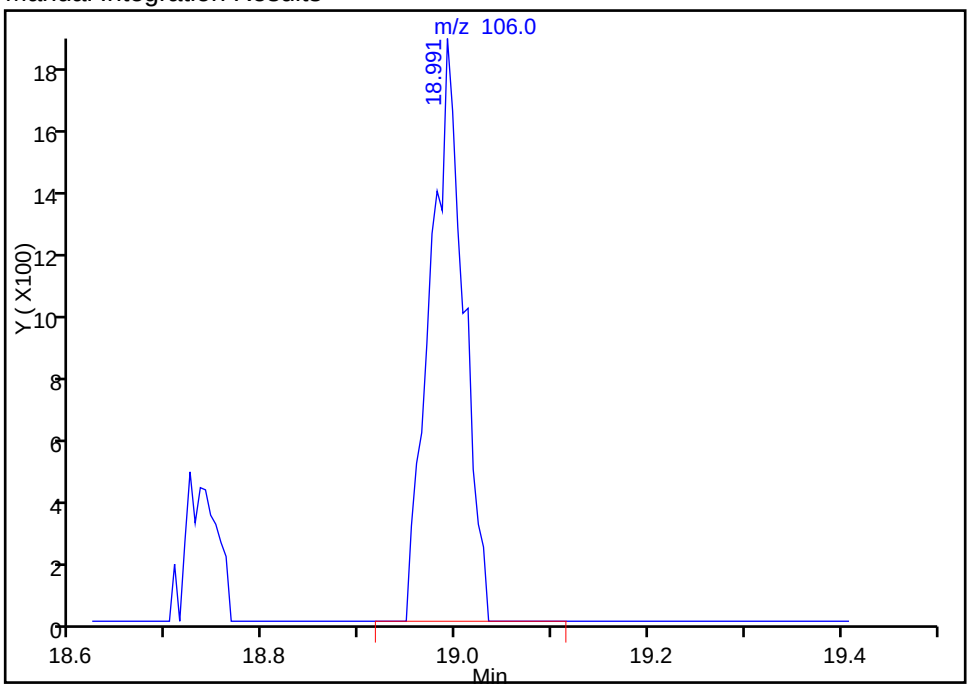
Processing Integration Results

RT: 18.99
Area: 2889
Amount: 0.092860
Amount Units: ppb v/v



Manual Integration Results

RT: 18.99
Area: 4451
Amount: 0.143066
Amount Units: ppb v/v



Reviewer: desjardinsb, 29-Jan-2015 10:21:41
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101OA0305FA Lab Sample ID: 280-64806-9

Matrix: Air Lab File ID: 11847-023.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:15

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 02:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.53		0.50	0.056
75-45-6	Freon 22	86.47	0.25	J	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.53		0.50	0.060
106-97-8	n-Butane	58.12	0.78		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.22		0.20	0.045
76-13-1	Freon TF	187.38	0.060	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	5.2		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	J	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.29	J	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.070	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.21		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101OA0305FA Lab Sample ID: 280-64806-9

Matrix: Air Lab File ID: 11847-023.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:15

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 02:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.32		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.032	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.090	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	J	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101OA0305FA Lab Sample ID: 280-64806-9

Matrix: Air Lab File ID: 11847-023.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:15

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 02:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101OA0305FA Lab Sample ID: 280-64806-9

Matrix: Air Lab File ID: 11847-023.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:15

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 02:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6		2.5	0.28
75-45-6	Freon 22	86.47	0.87	J	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	1.1		1.0	0.12
106-97-8	n-Butane	58.12	1.8		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.25
76-13-1	Freon TF	187.38	0.46	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	12		12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	J	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.99	J	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.44	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.66		0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101OA0305FA Lab Sample ID: 280-64806-9

Matrix: Air Lab File ID: 11847-023.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:15

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 02:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	1.2		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.14	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.39	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	J	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101OA0305FA Lab Sample ID: 280-64806-9

Matrix: Air Lab File ID: 11847-023.D

Analysis Method: TO-15 Date Collected: 01/21/2015 11:15

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 02:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D
Lims ID: 280-64806-A-9 Lab Sample ID: 200-64806-9
Client ID: 101OA0305FA
Sample Type: Client
Inject. Date: 29-Jan-2015 02:43:30 ALS Bottle#: 4 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011847-023
Misc. Info.: 280-64806-9
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 29-Jan-2015 09:18:47 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: desjardinsb Date: 29-Jan-2015 09:19:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.113	3.119	-0.006	99	19957	0.5319	
3 Chlorodifluoromethane	51	3.167	3.167	0.000	97	5440	0.2466	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.381				ND	
5 Chloromethane	50	3.520	3.520	0.000	98	6341	0.5264	
6 Butane	43	3.712	3.718	-0.006	98	15447	0.7772	
7 Vinyl chloride	62		3.766				ND	
8 Butadiene	54		3.836				ND	
9 Bromomethane	94		4.515				ND	
10 Chloroethane	64		4.750				ND	
12 Vinyl bromide	106		5.136				ND	
13 Trichlorofluoromethane	101	5.221	5.221	0.000	96	8627	0.2248	
18 1,1,2-Trichloro-1,2,2-trif	101	6.275	6.286	-0.011	81	1564	0.0602	
20 1,1-Dichloroethene	96		6.339				ND	
21 Acetone	43	6.585	6.585	0.000	84	110264	5.20	
22 Carbon disulfide	76		6.735				ND	
23 Isopropyl alcohol	45	6.863	6.858	0.005	95	8510	0.5038	
24 3-Chloro-1-propene	41		7.126				ND	
26 Methylene Chloride	49	7.409	7.420	-0.011	92	4481	0.2862	
28 2-Methyl-2-propanol	59		7.623				ND	
29 Methyl tert-butyl ether	73		7.805				ND	
30 trans-1,2-Dichloroethene	61		7.848				ND	
32 Hexane	57		8.222				ND	
33 1,1-Dichloroethane	63		8.736				ND	
35 cis-1,2-Dichloroethene	96		9.849				ND	
36 2-Butanone (MEK)	72		9.897				ND	
S 38 1,2-Dichloroethene, Total	61		10.000				ND	
39 Tetrahydrofuran	42		10.314				ND	
* 40 Chlorobromomethane	128	10.314	10.325	-0.011	94	136539	10.0	
41 Chloroform	83		10.453				ND	
42 Cyclohexane	84		10.689				ND	
43 1,1,1-Trichloroethane	97		10.731				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	44 Carbon tetrachloride	117	10.967	10.977	-0.010	86	2616	0.0702	
	45 Isooctane	57		11.411				ND	
	46 Benzene	78	11.459	11.470	-0.011	97	10841	0.2067	
	47 1,2-Dichloroethane	62		11.662				ND	
	48 n-Heptane	43		11.801				ND	
*	50 1,4-Difluorobenzene	114	12.315	12.326	-0.011	95	823726	10.0	
	52 Trichloroethene	95		12.802				ND	
	53 1,2-Dichloropropane	63		13.401				ND	
	54 Methyl methacrylate	69		13.551				ND	
	55 1,4-Dioxane	88		13.615				ND	
	57 Dichlorobromomethane	83		13.973				ND	
	58 cis-1,3-Dichloropropene	75		14.947				ND	
	61 4-Methyl-2-pentanone (MIBK	43		15.241				ND	
	62 Toluene	92	15.551	15.557	-0.006	93	12551	0.3157	
	67 trans-1,3-Dichloropropene	75		16.172				ND	
	68 1,1,2-Trichloroethane	83		16.563				ND	
	69 Tetrachloroethene	166		16.659				ND	
	70 2-Hexanone	43		17.012				ND	
	71 Chlorodibromomethane	129		17.349				ND	
	72 Ethylene Dibromide	107		17.632				ND	
*	73 Chlorobenzene-d5	117	18.531	18.537	-0.006	88	803453	10.0	
	74 Chlorobenzene	112		18.595				ND	
	75 Ethylbenzene	91	18.734	18.740	-0.006	93	2903	0.0322	
	77 m-Xylene & p-Xylene	106	18.986	18.997	-0.011	89	3185	0.0903	
	78 o-Xylene	106		19.804				ND	
	79 Styrene	104		19.847				ND	
S	80 Xylenes, Total	106				0		0.0903	
	81 Bromoform	173		20.254				ND	
	82 Isopropylbenzene	105		20.430				ND	
*	83 4-Bromofluorobenzene	95	20.783	20.789	-0.006	89	614773	10.0	
	85 1,1,2,2-Tetrachloroethane	83		21.051				ND	
	86 N-Propylbenzene	91		21.110				ND	
	89 4-Ethyltoluene	105		21.292				ND	
	90 2-Chlorotoluene	91		21.308				ND	
	91 1,3,5-Trimethylbenzene	105		21.388				ND	
	93 tert-Butylbenzene	119		21.859				ND	
	94 1,2,4-Trimethylbenzene	105		21.950				ND	
	95 sec-Butylbenzene	105		22.174				ND	
	96 4-Isopropyltoluene	119		22.372				ND	
	97 1,3-Dichlorobenzene	146		22.415				ND	
	98 1,4-Dichlorobenzene	146		22.554				ND	
	99 Benzyl chloride	91		22.763				ND	
	101 n-Butylbenzene	91		22.966				ND	
	102 1,2-Dichlorobenzene	146		23.116				ND	
	104 1,2,4-Trichlorobenzene	180		25.775				ND	
	105 Hexachlorobutadiene	225		25.962				ND	
	106 Naphthalene	128		26.315				ND	

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

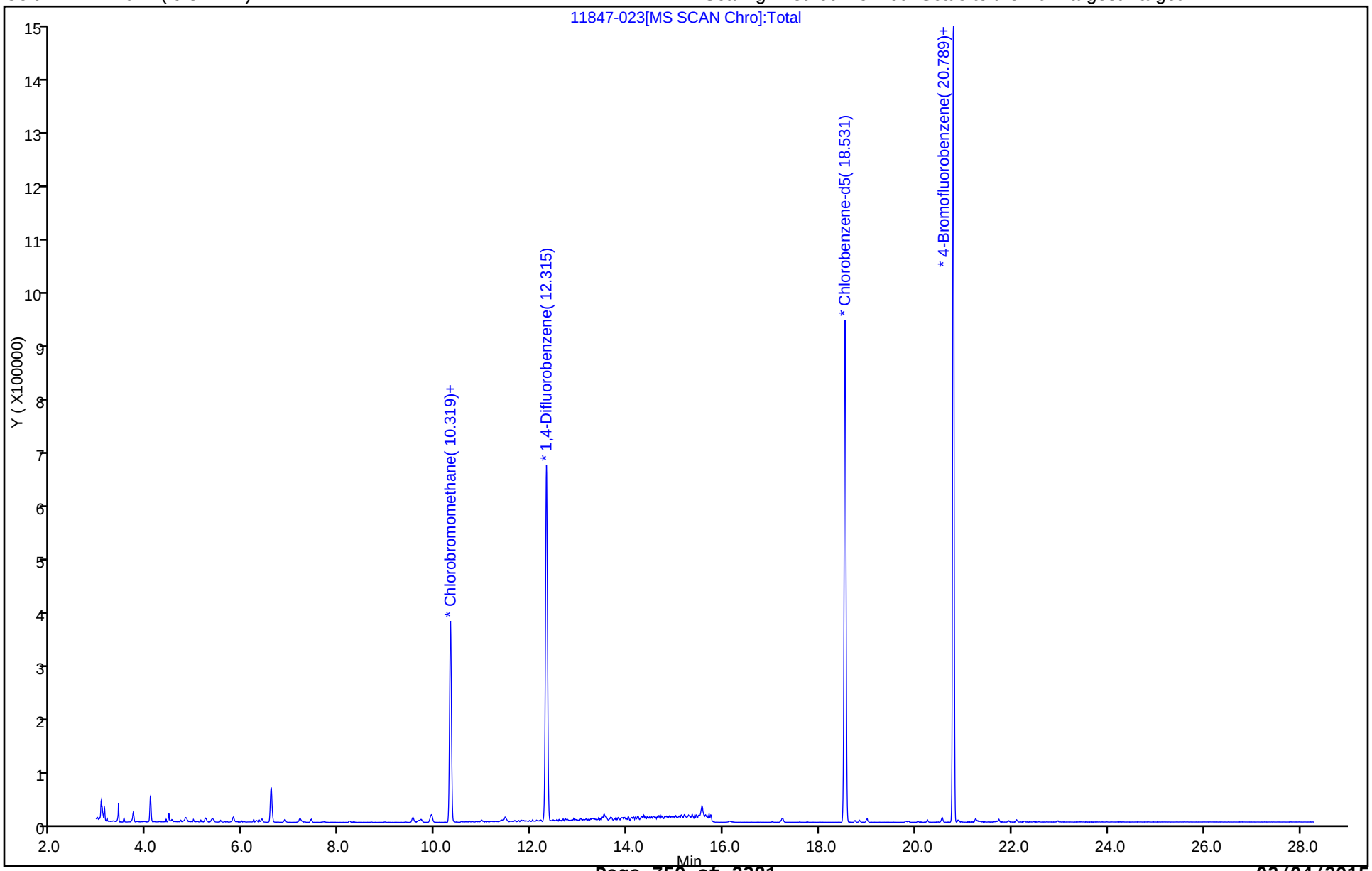
Report Date: 29-Jan-2015 09:19:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D

Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9	Worklist Smp#:	23
Client ID:	101OA0305FA				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



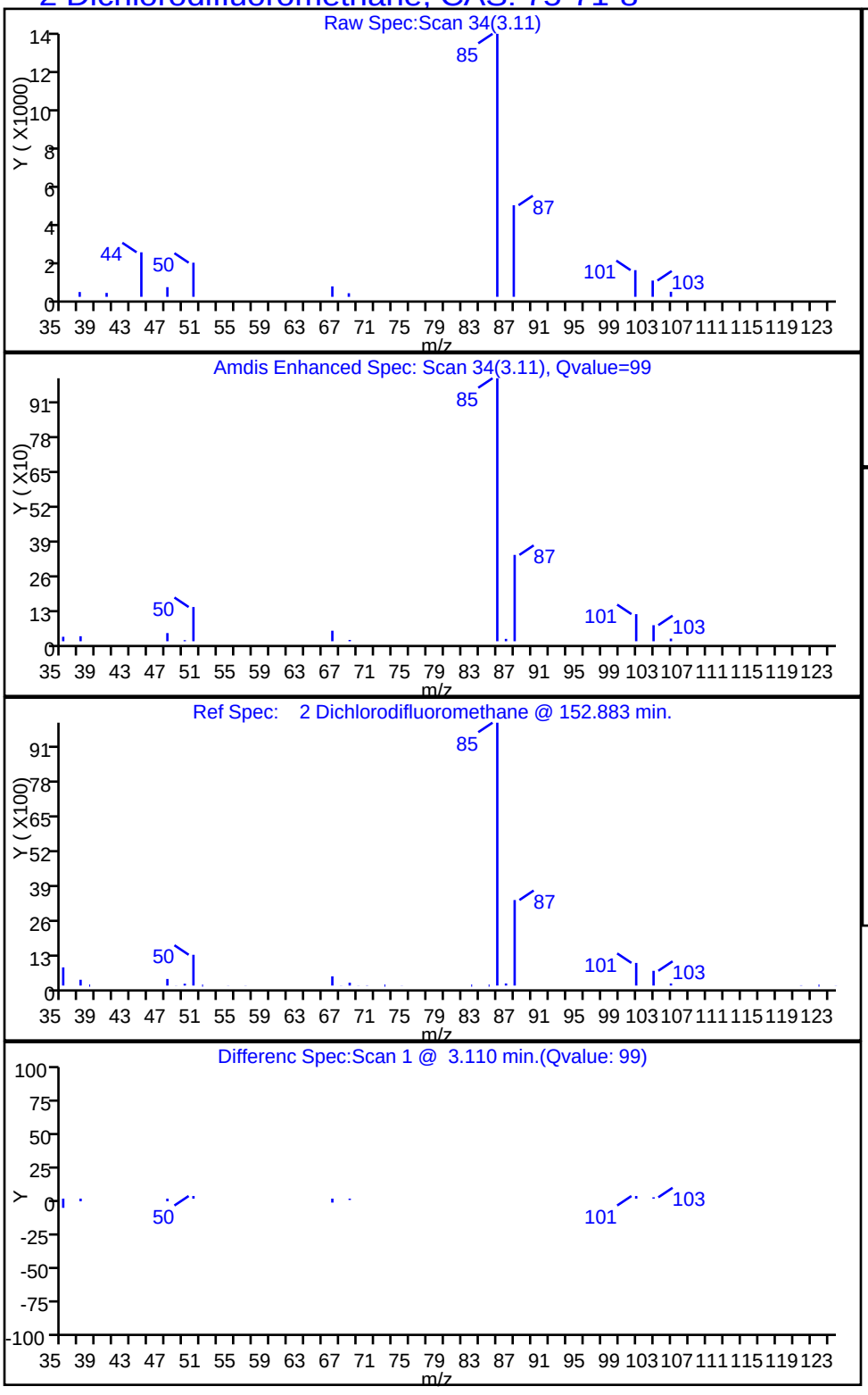
Report Date: 29-Jan-2015 09:19:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

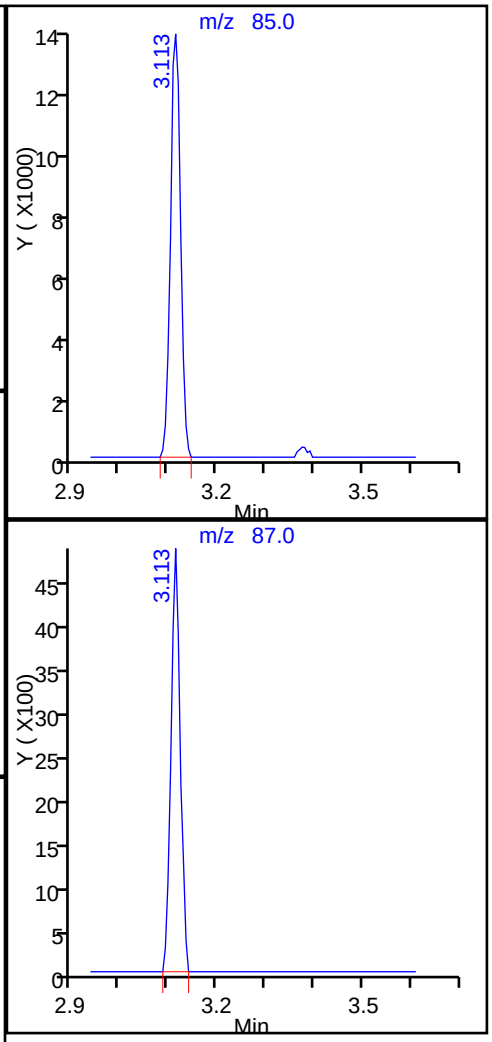
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D

Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8





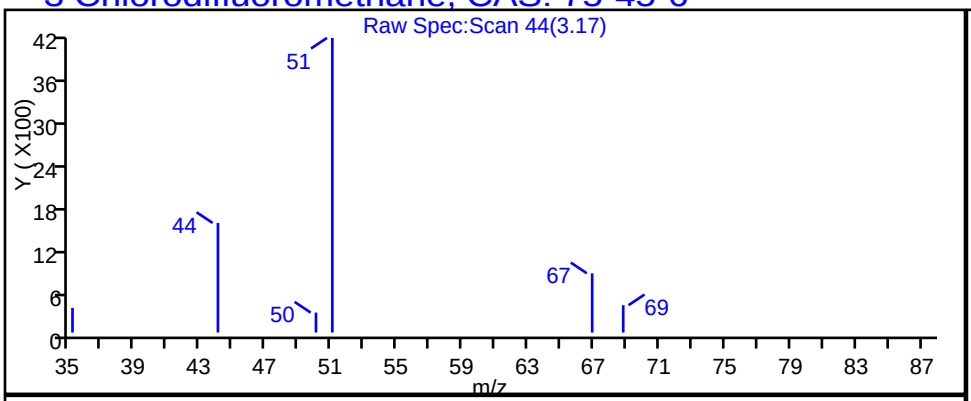
Report Date: 29-Jan-2015 09:19:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

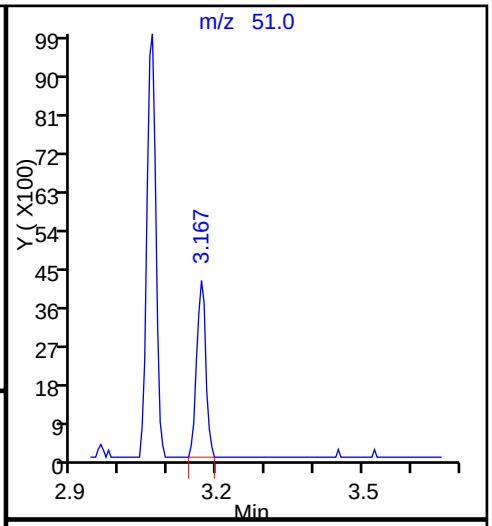
TestAmerica Burlington

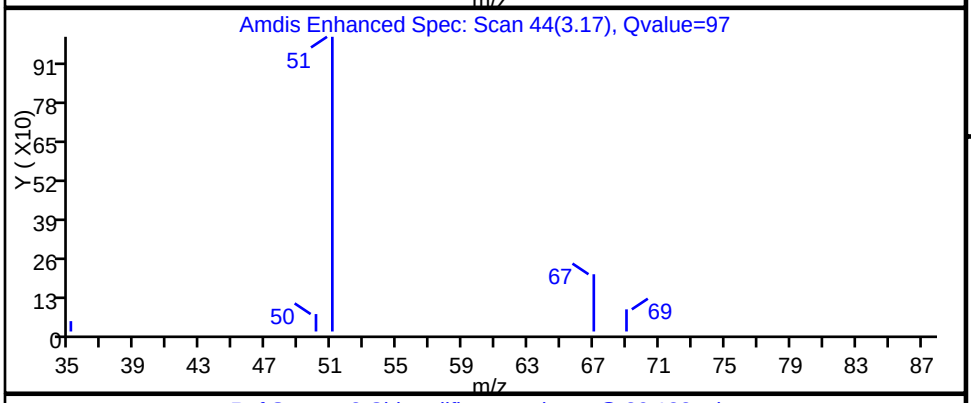
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D

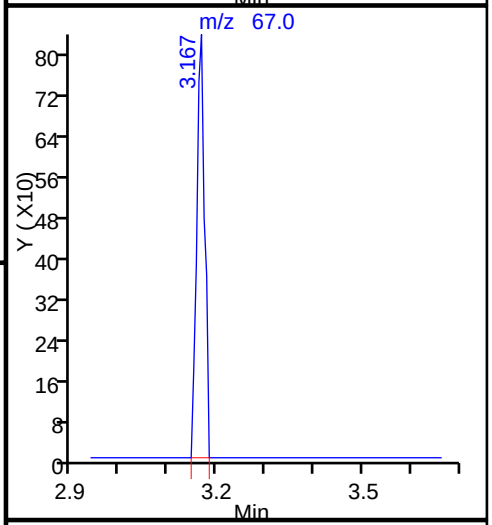
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

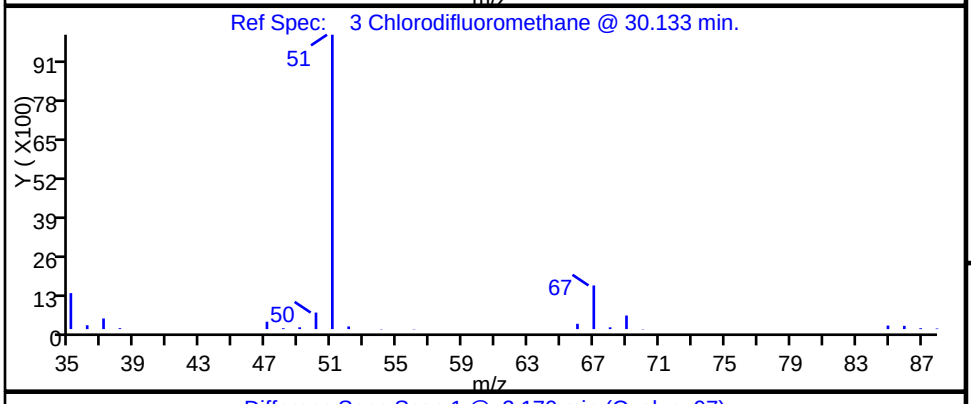
3 Chlorodifluoromethane, CAS: 75-45-6

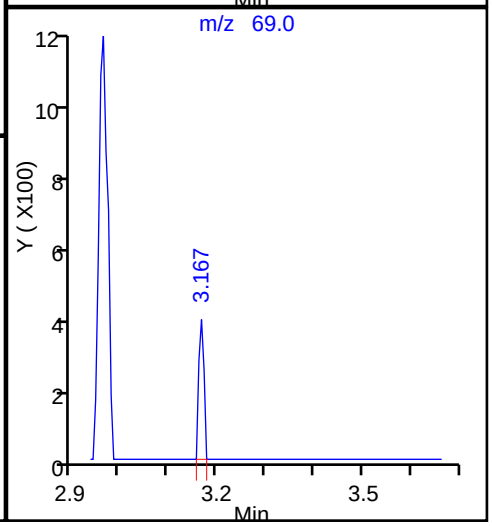


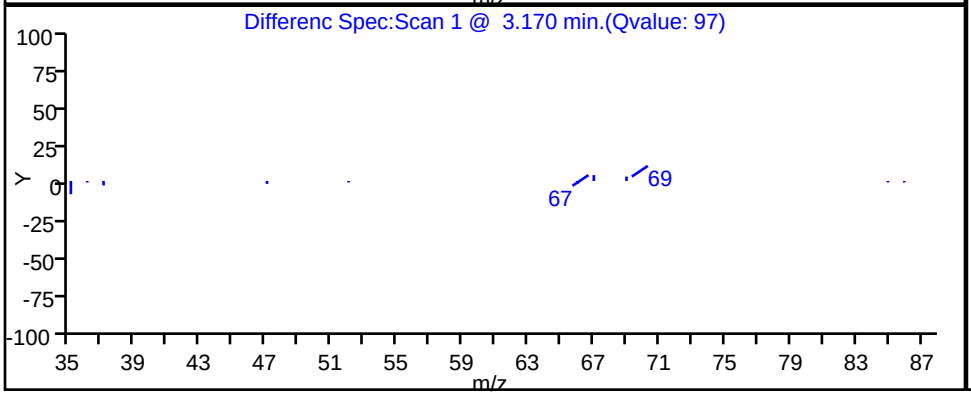








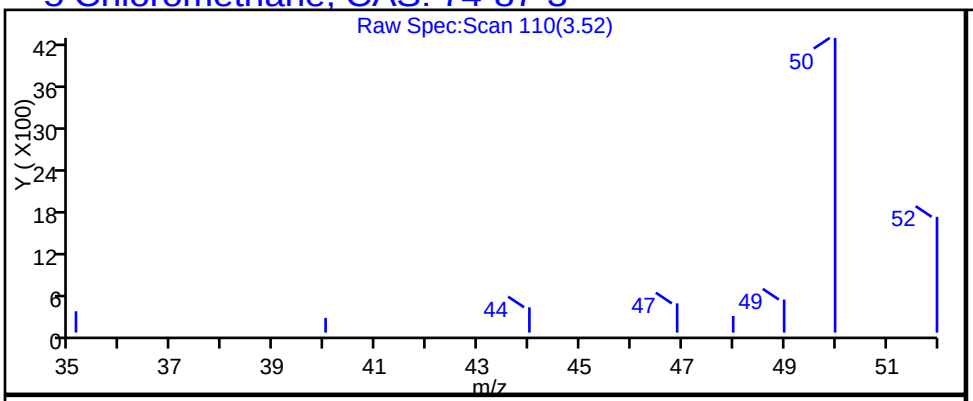


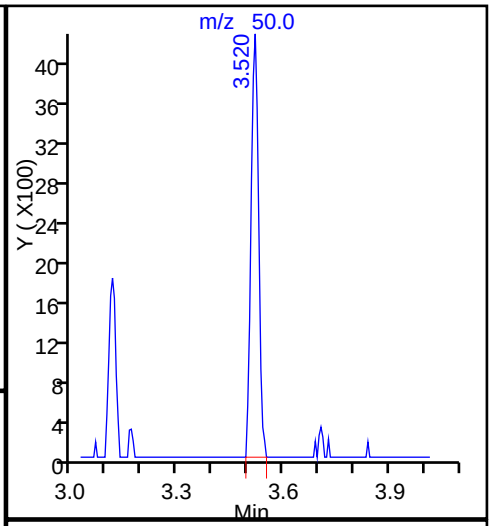


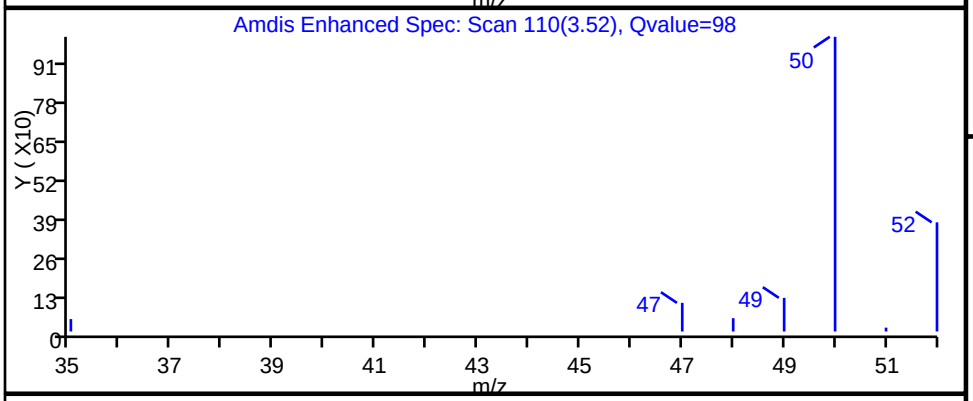
TestAmerica Burlington

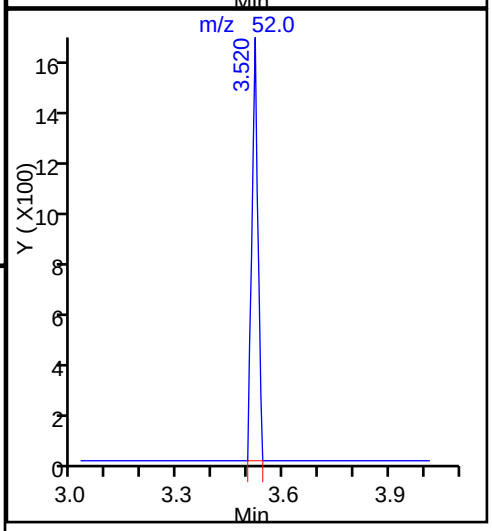
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D				
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

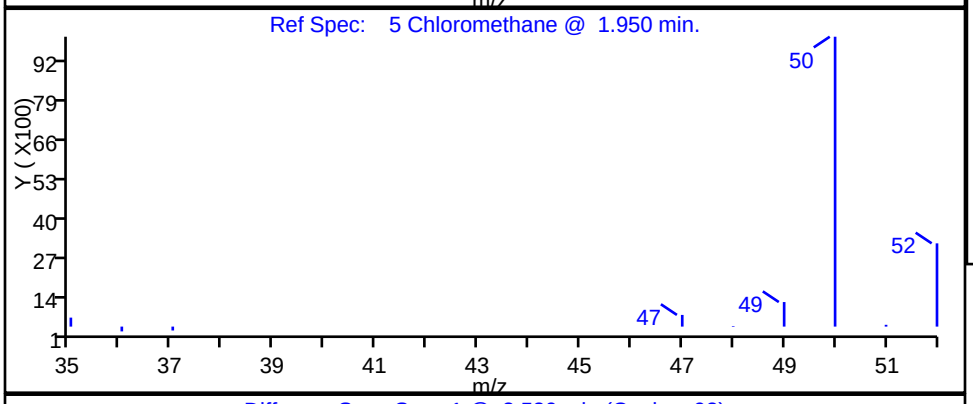
5 Chloromethane, CAS: 74-87-3

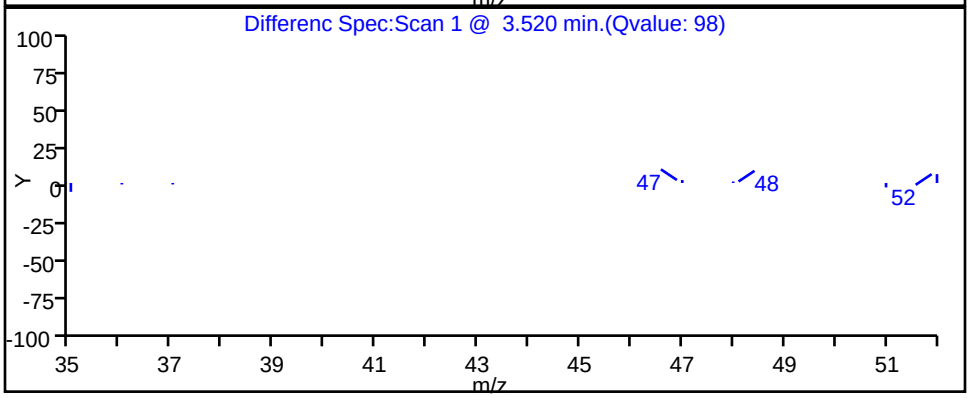








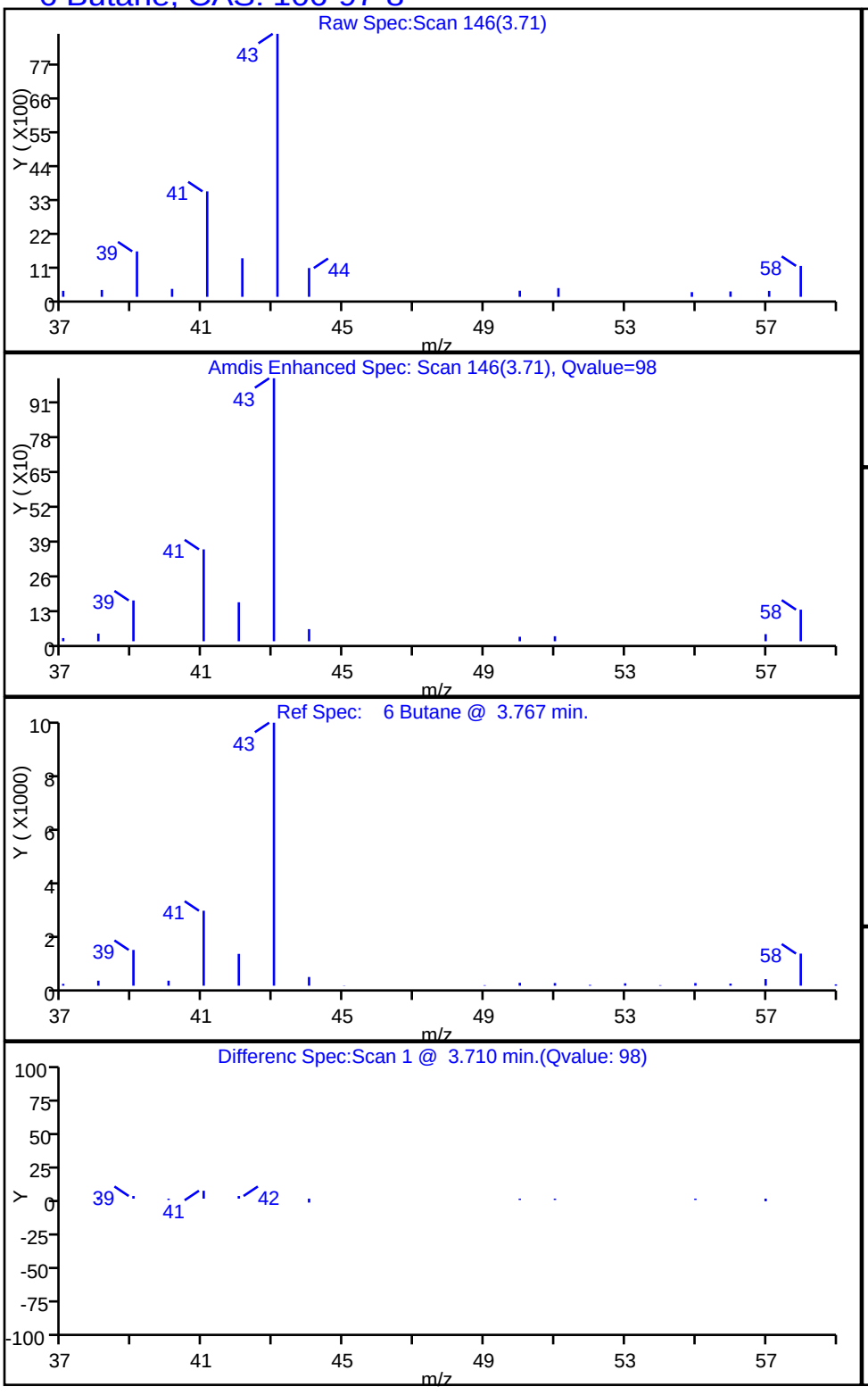


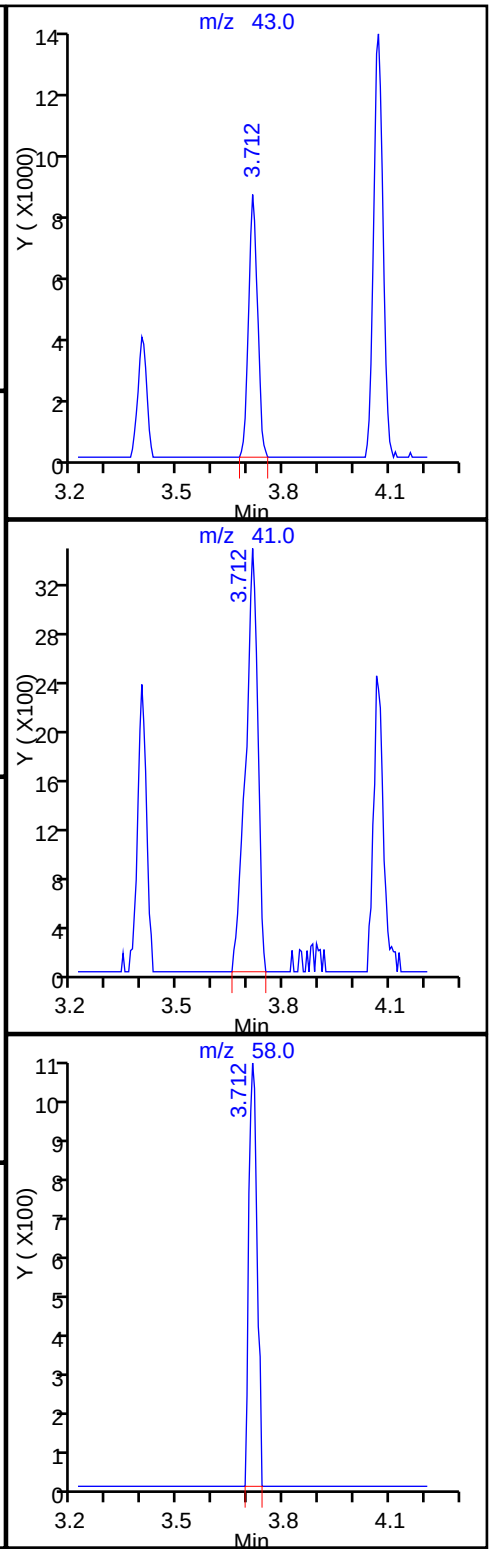


TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D				
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8





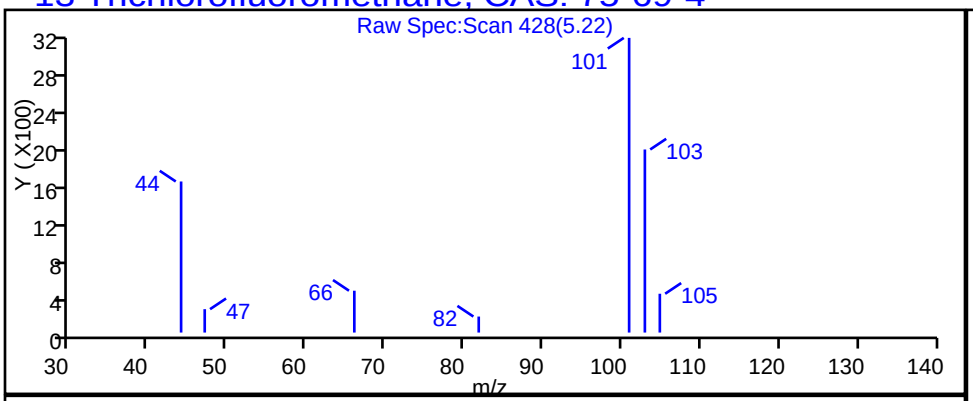
Report Date: 29-Jan-2015 09:19:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

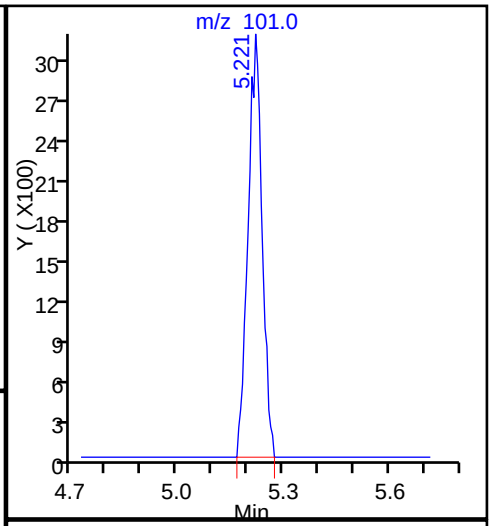
TestAmerica Burlington

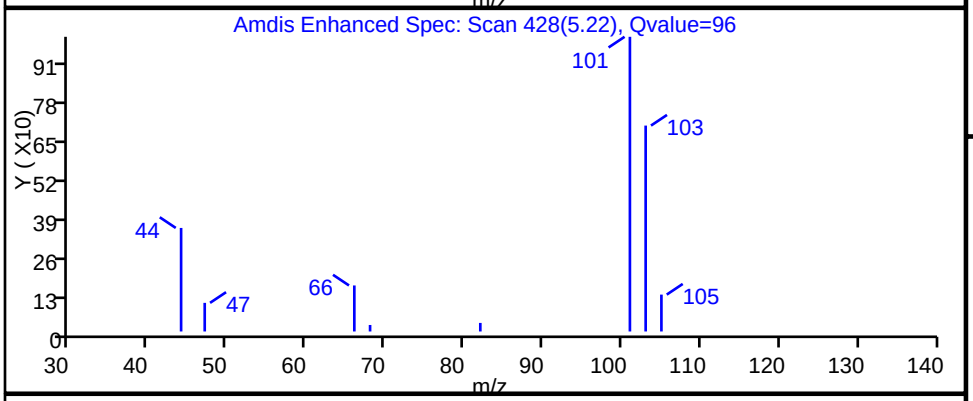
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D

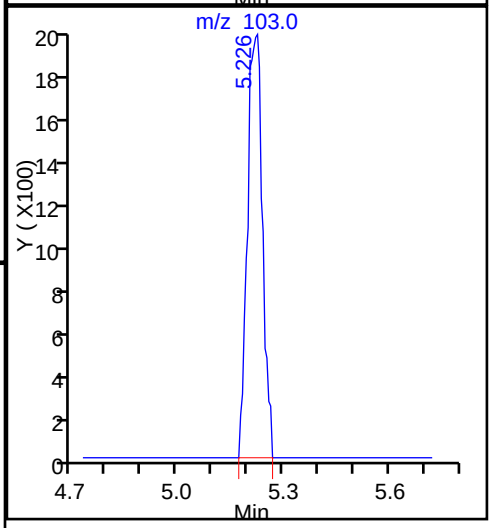
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

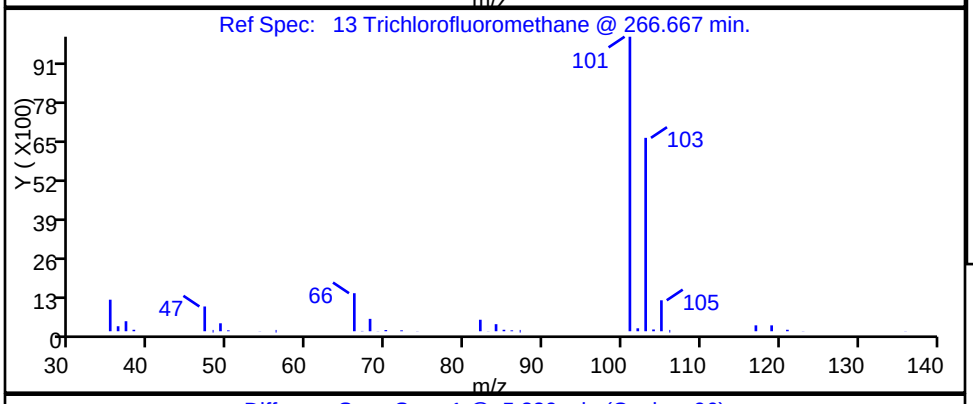
13 Trichlorofluoromethane, CAS: 75-69-4

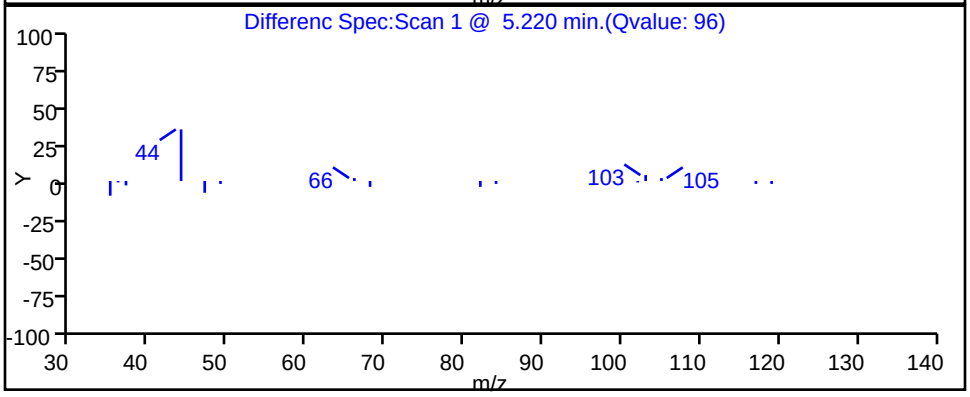












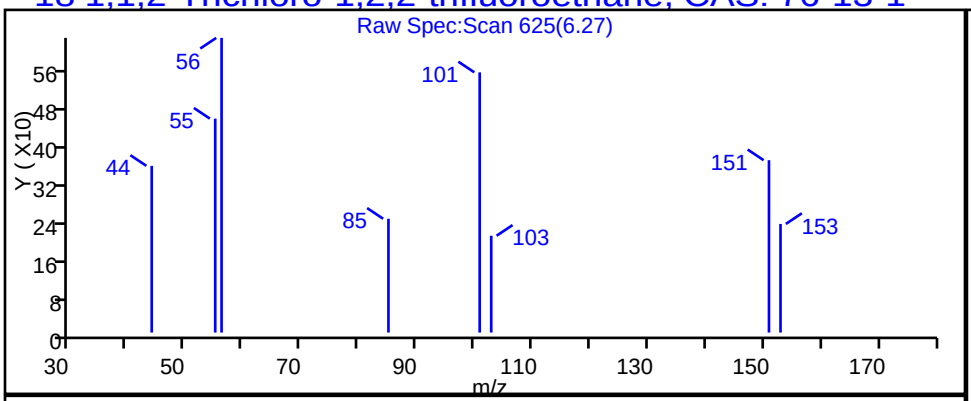
Report Date: 29-Jan-2015 09:19:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

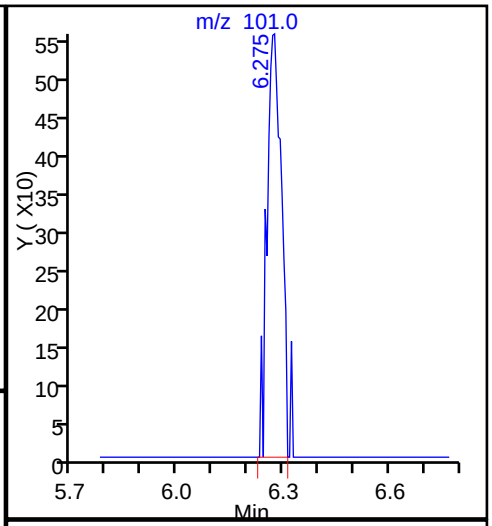
TestAmerica Burlington

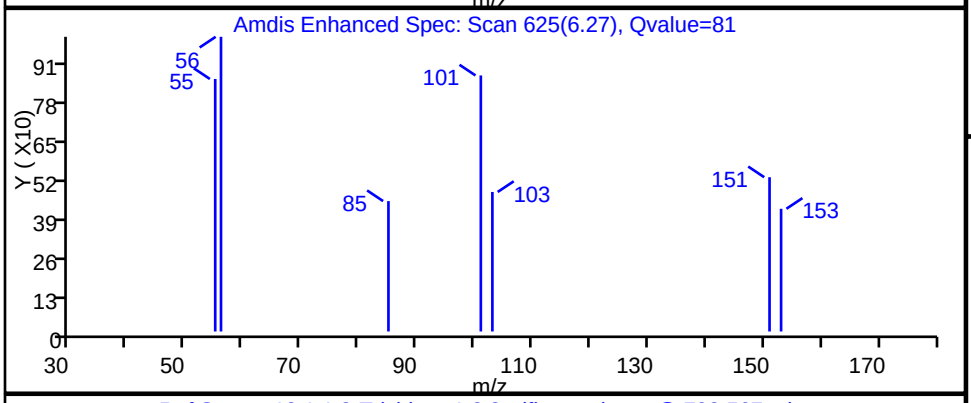
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D

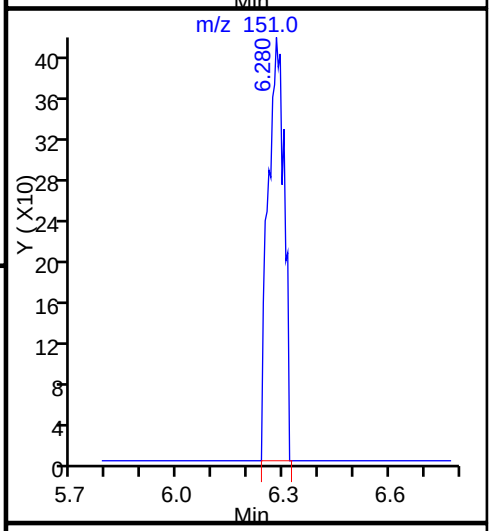
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

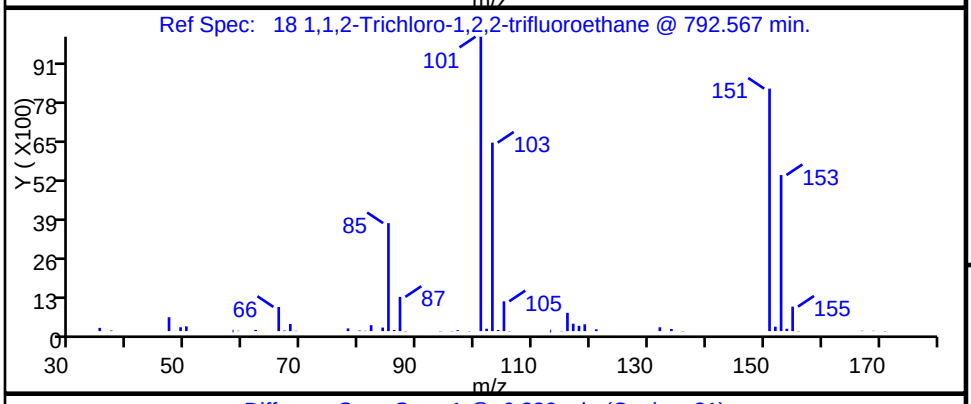
18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

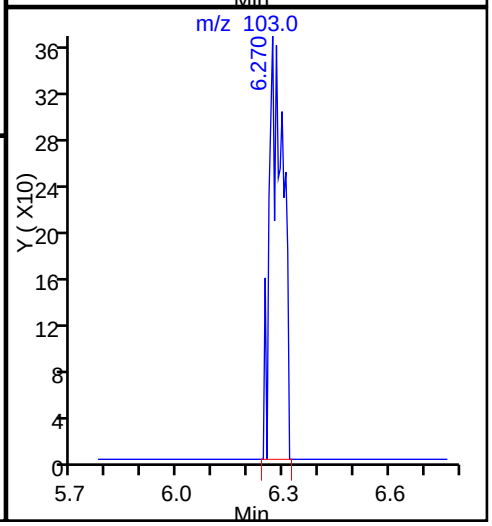


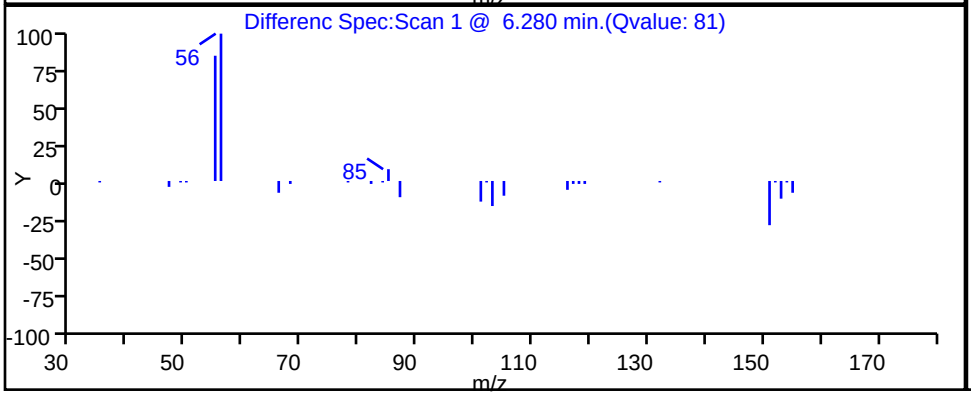








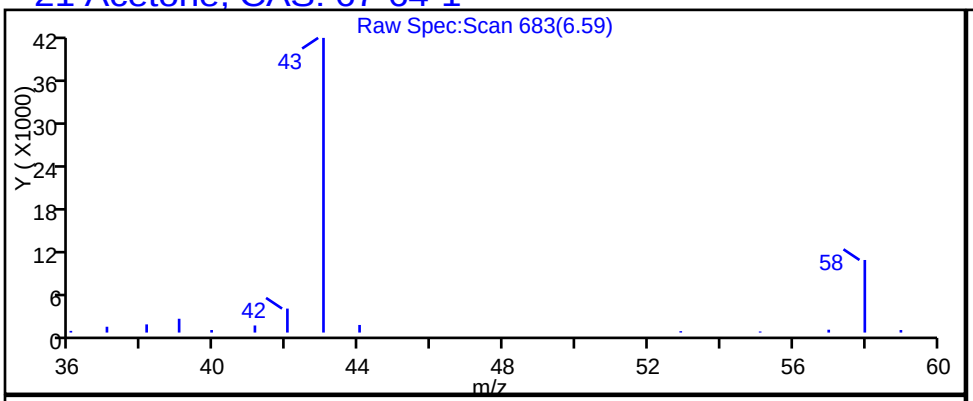


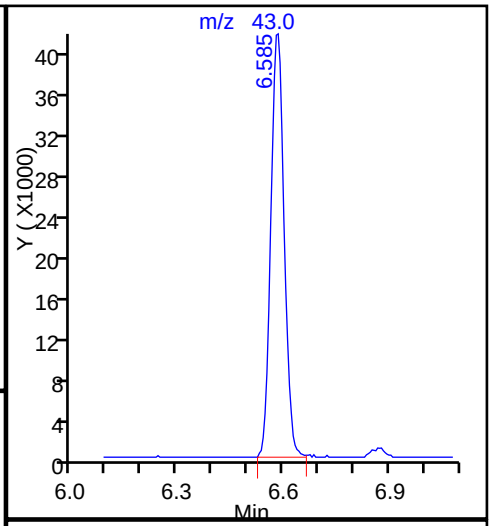


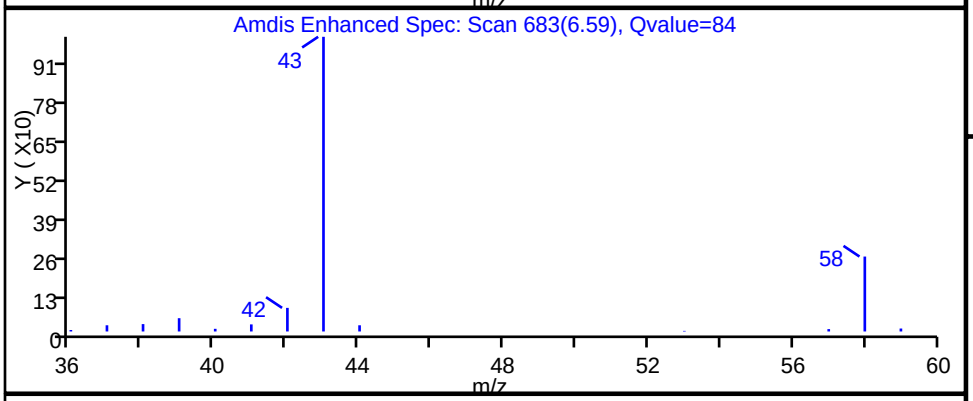
TestAmerica Burlington

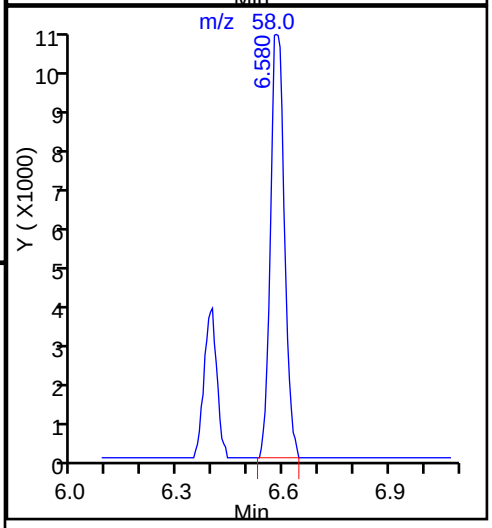
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D				
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

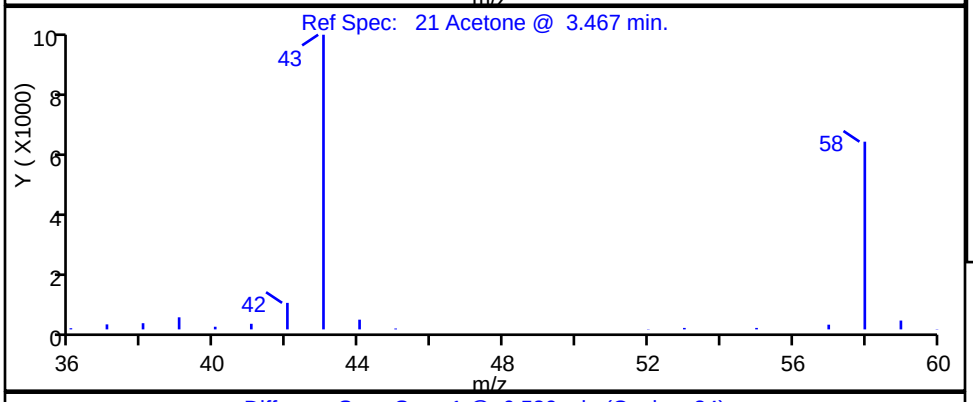
21 Acetone, CAS: 67-64-1

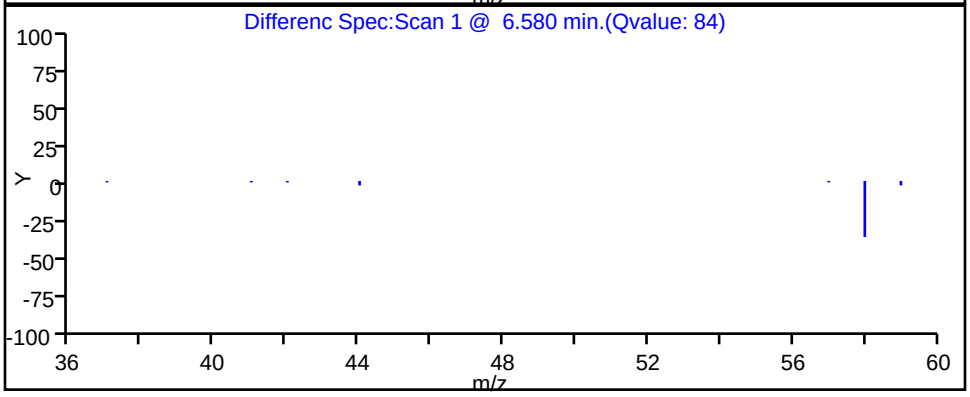








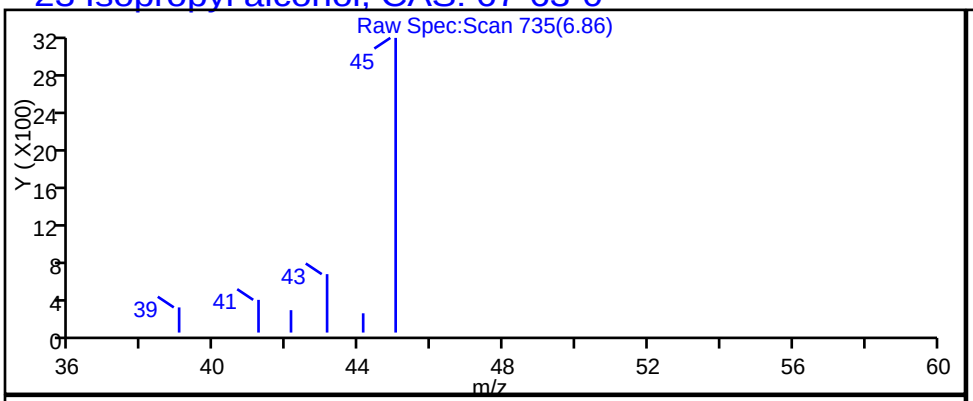


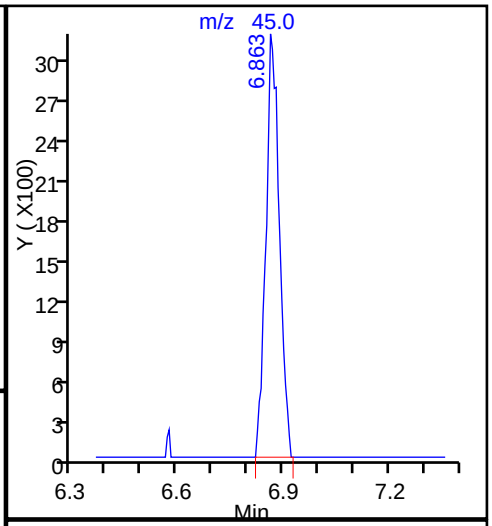


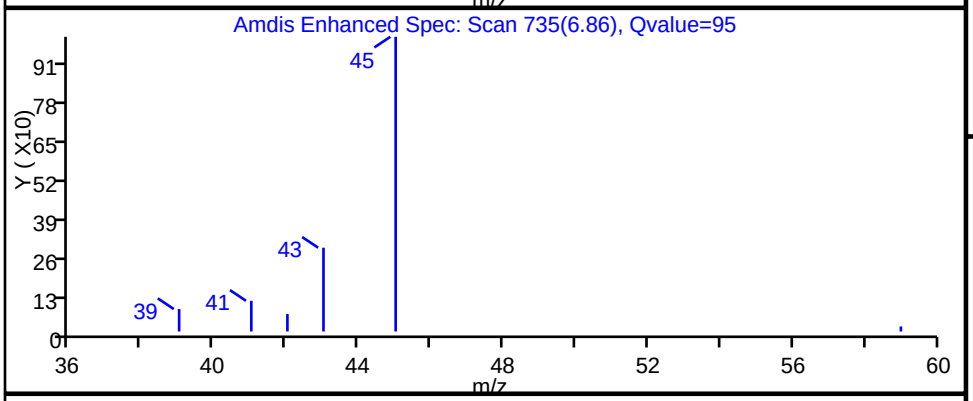
TestAmerica Burlington

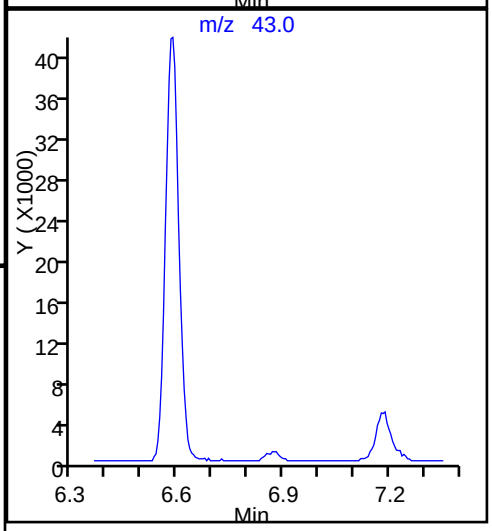
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D				
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

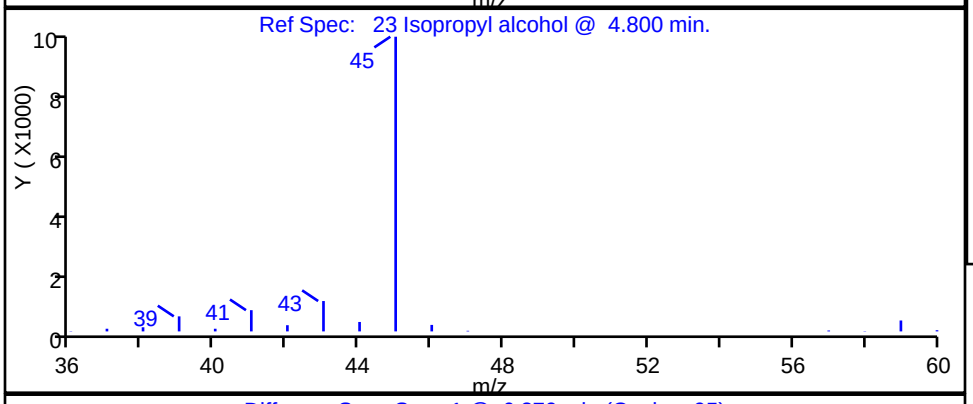
23 Isopropyl alcohol, CAS: 67-63-0

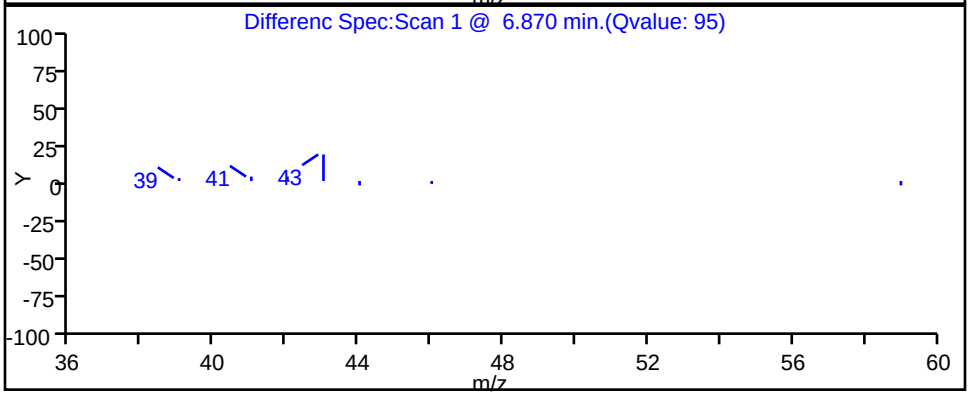












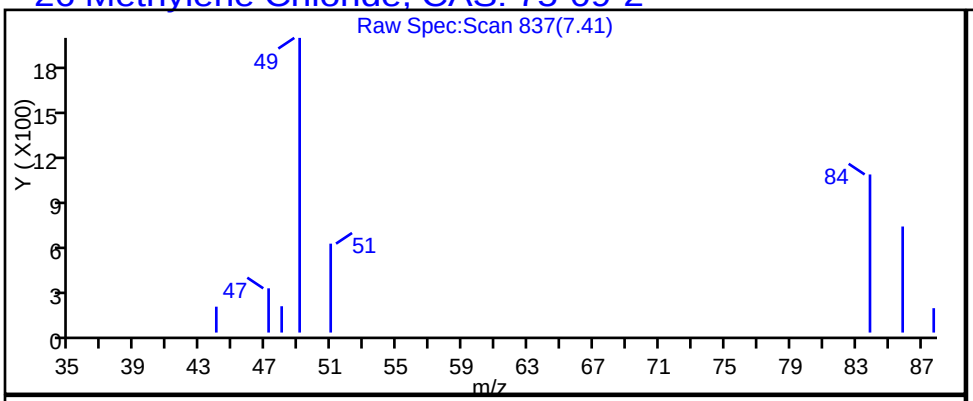
Report Date: 29-Jan-2015 09:19:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

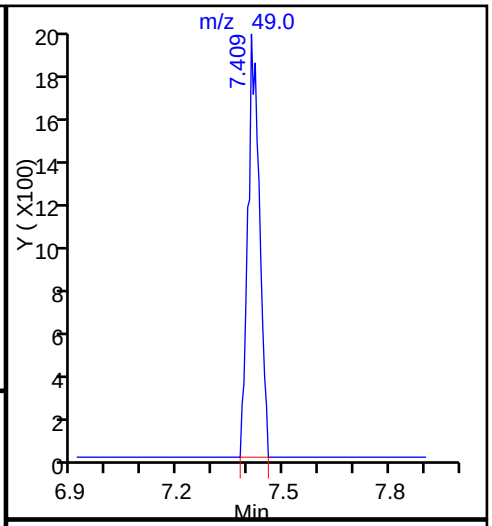
TestAmerica Burlington

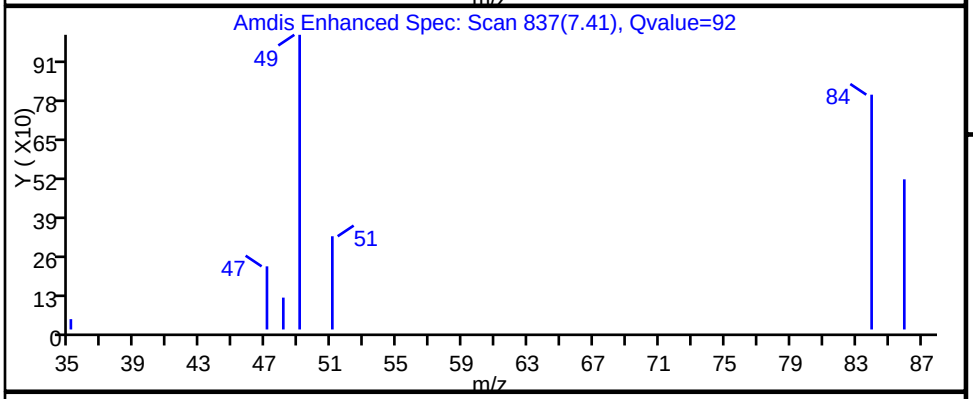
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D

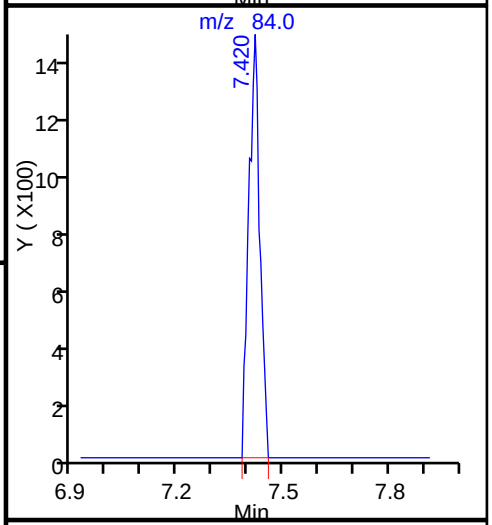
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

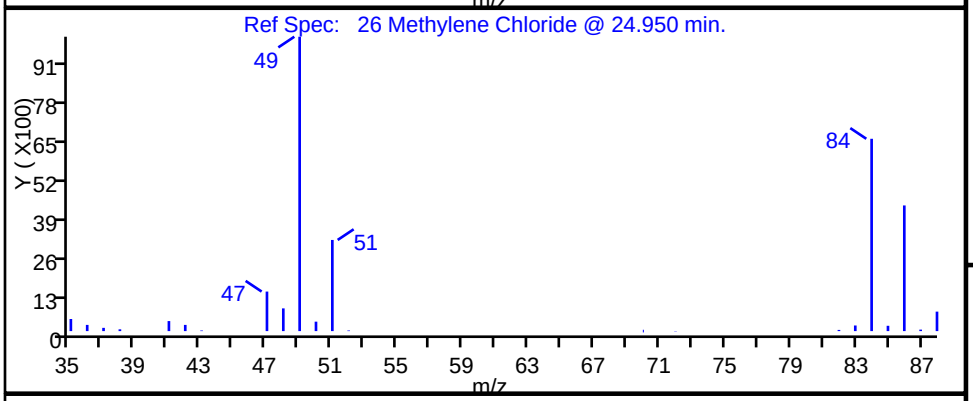
26 Methylene Chloride, CAS: 75-09-2

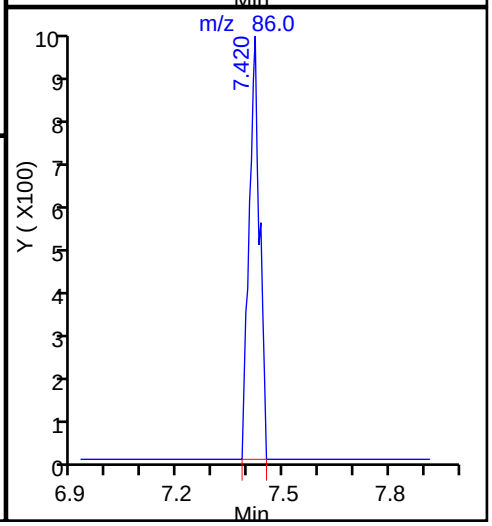


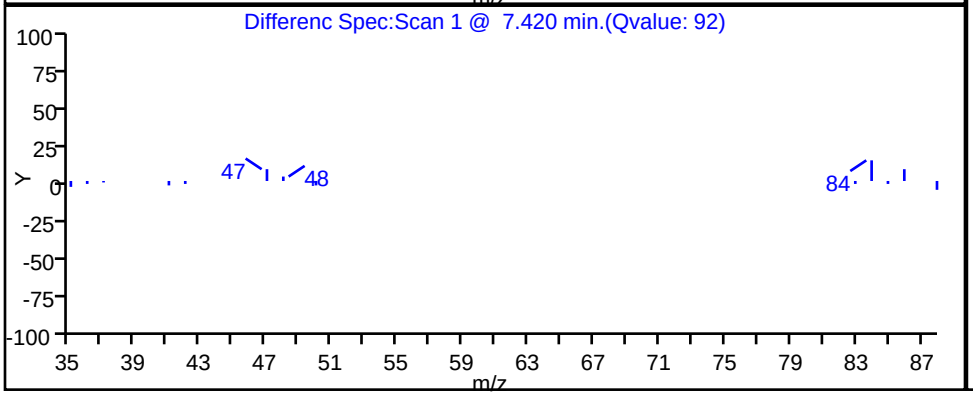












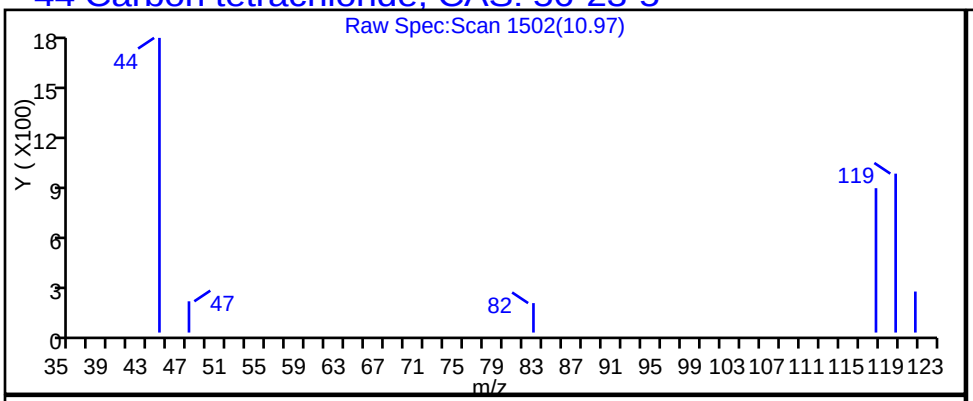
Report Date: 29-Jan-2015 09:19:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

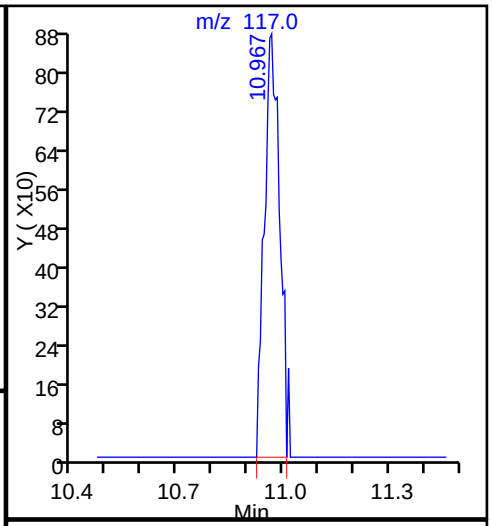
TestAmerica Burlington

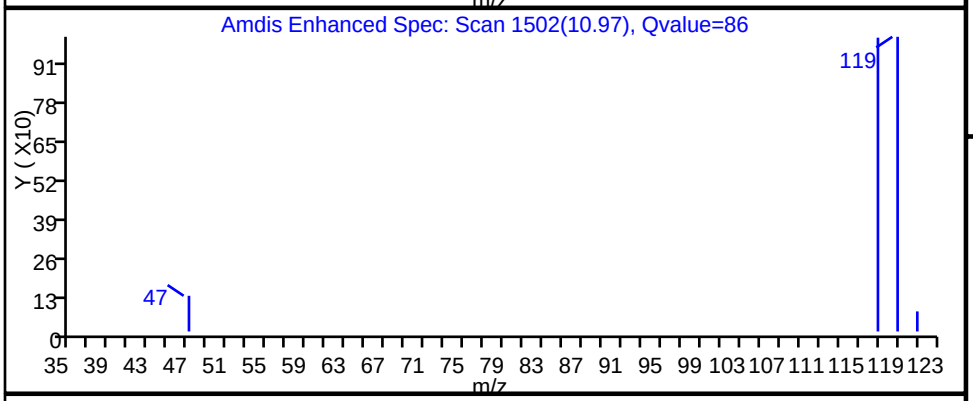
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D

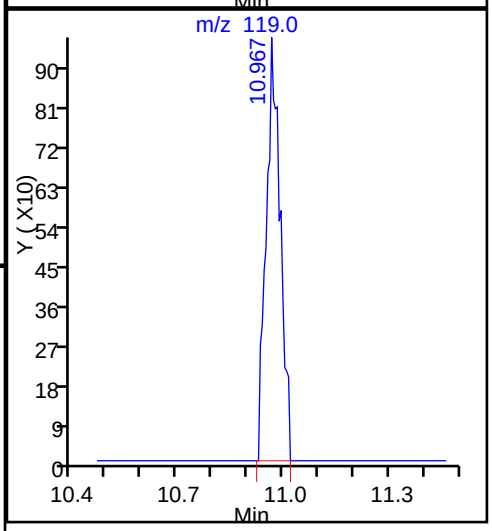
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

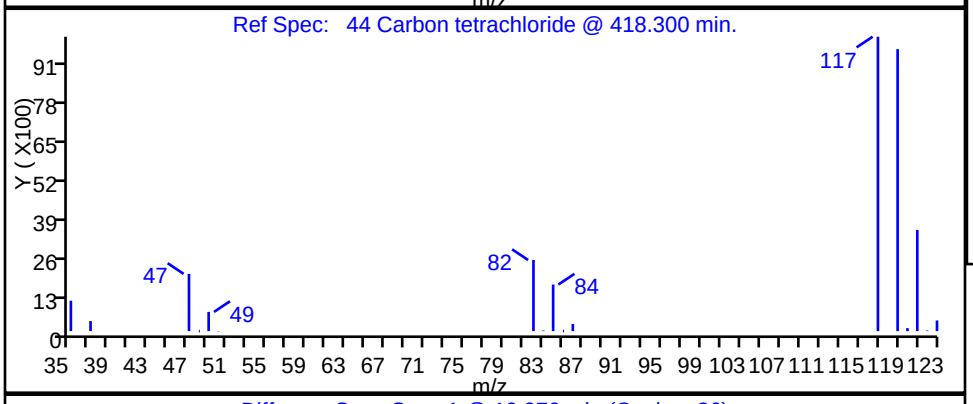
44 Carbon tetrachloride, CAS: 56-23-5

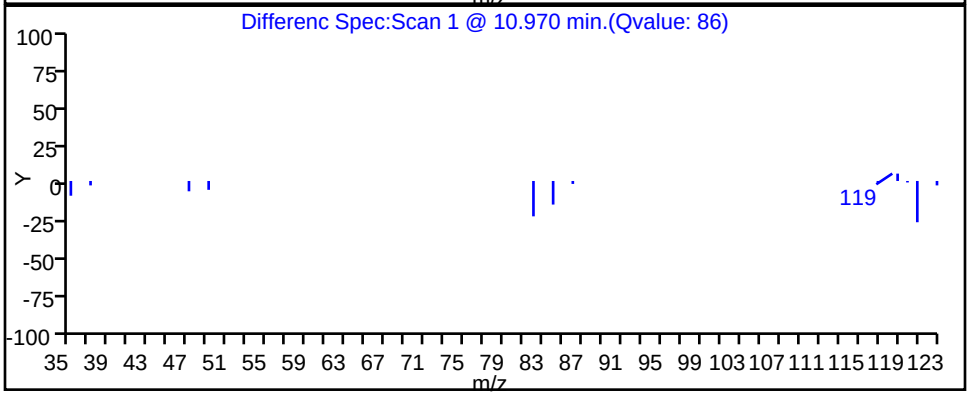












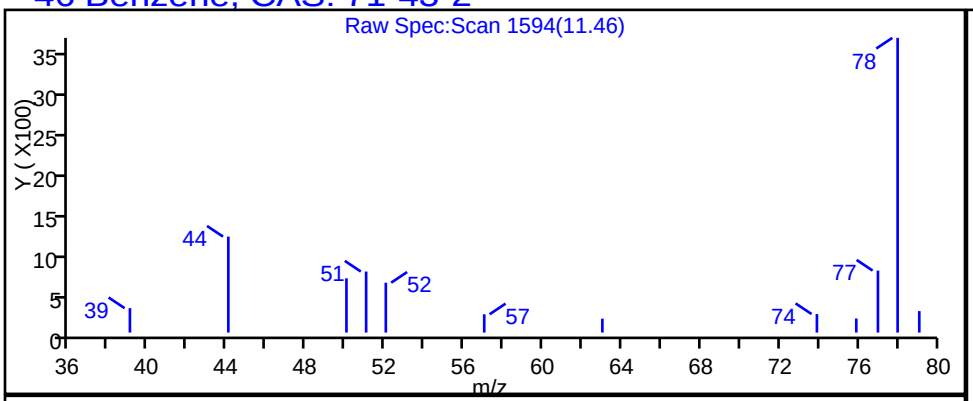
Report Date: 29-Jan-2015 09:19:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

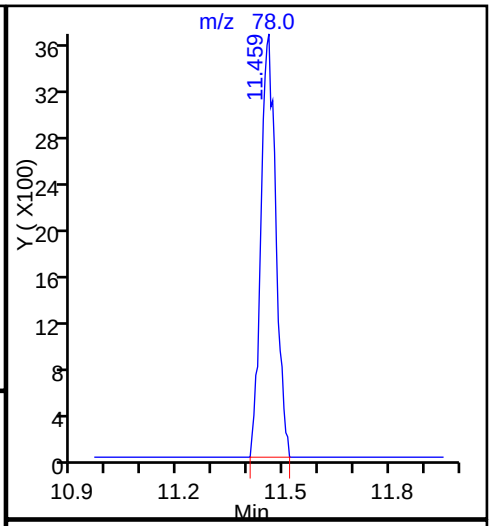
TestAmerica Burlington

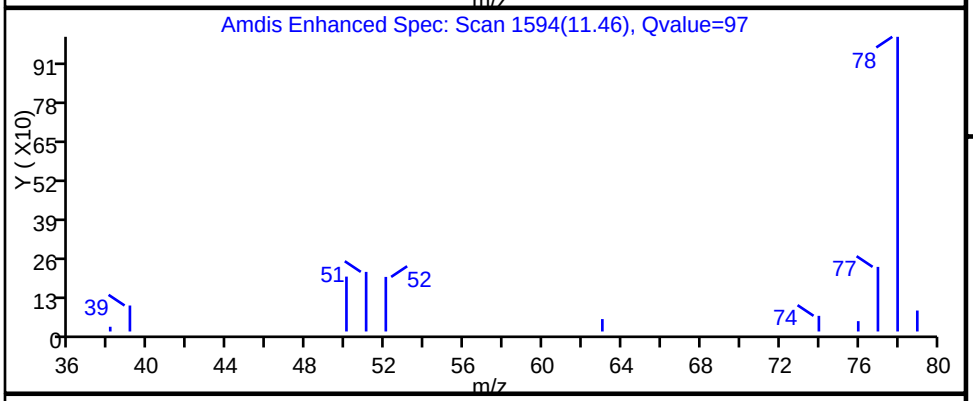
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D

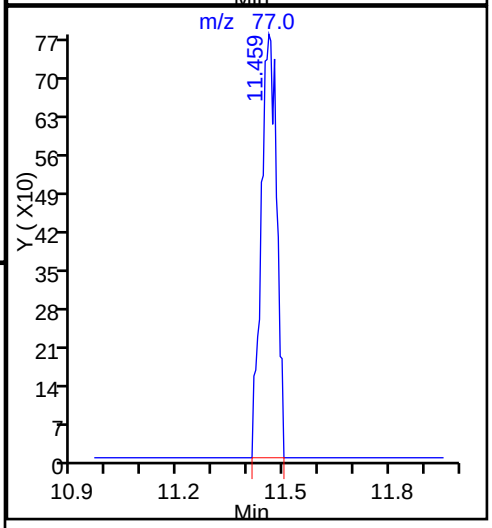
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

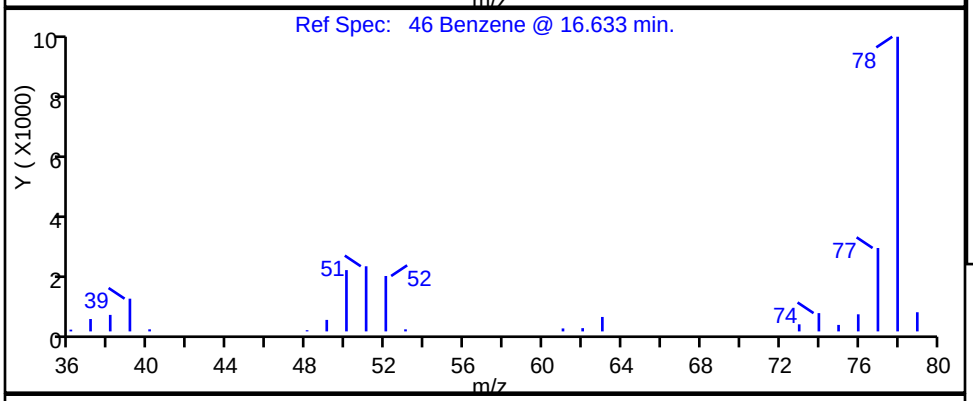
46 Benzene, CAS: 71-43-2

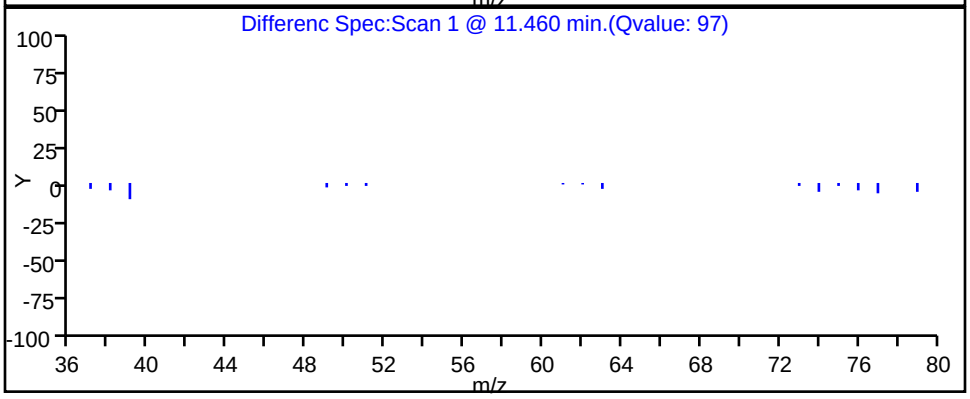












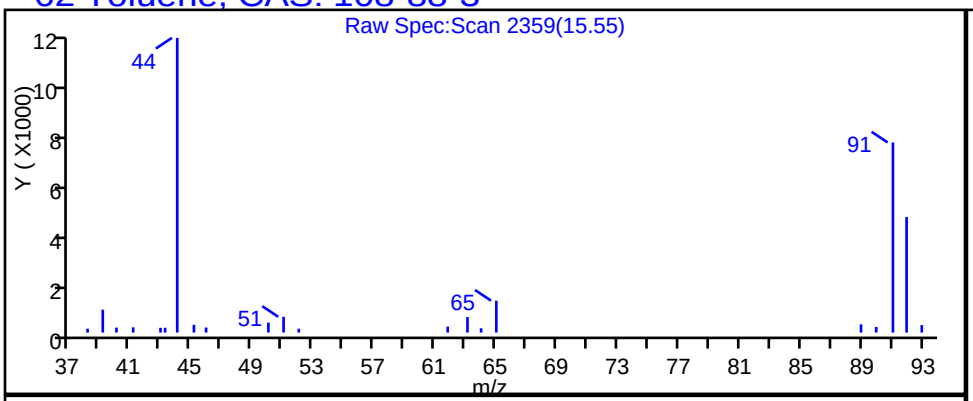
Report Date: 29-Jan-2015 09:19:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

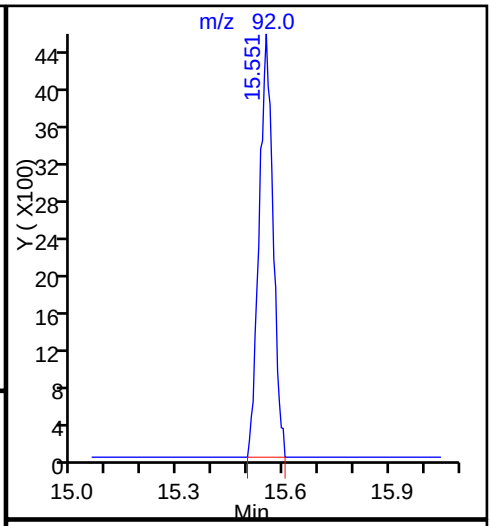
TestAmerica Burlington

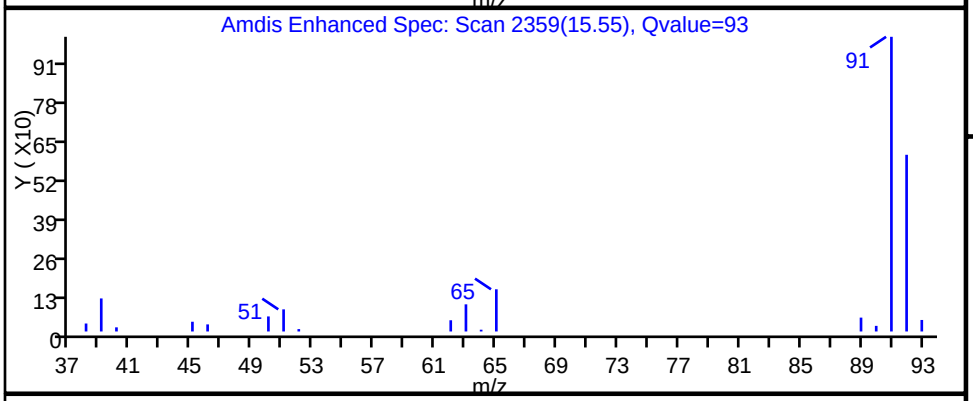
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D

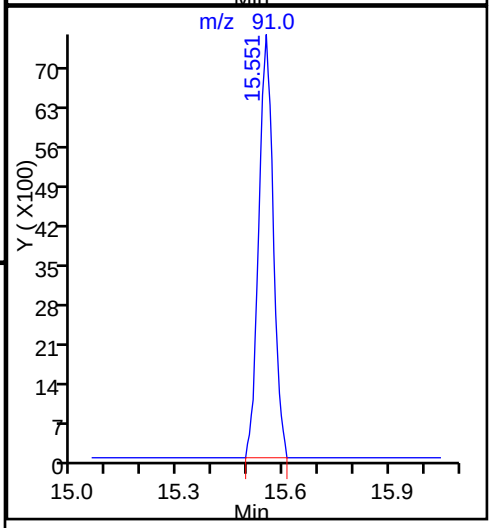
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

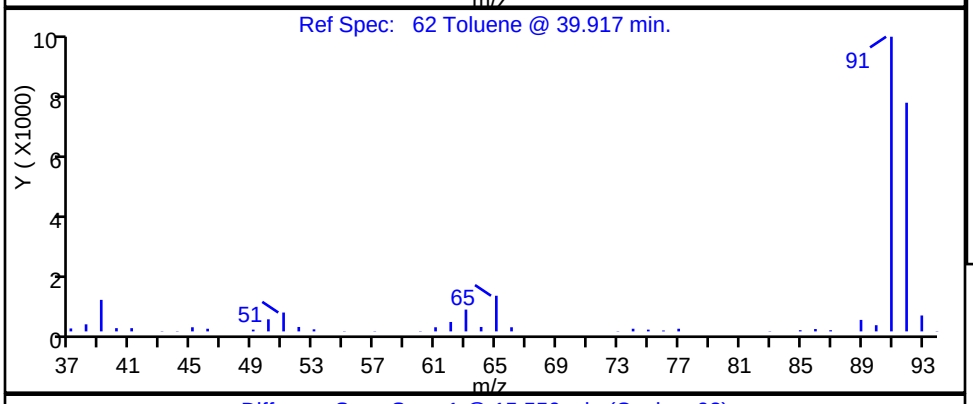
62 Toluene, CAS: 108-88-3

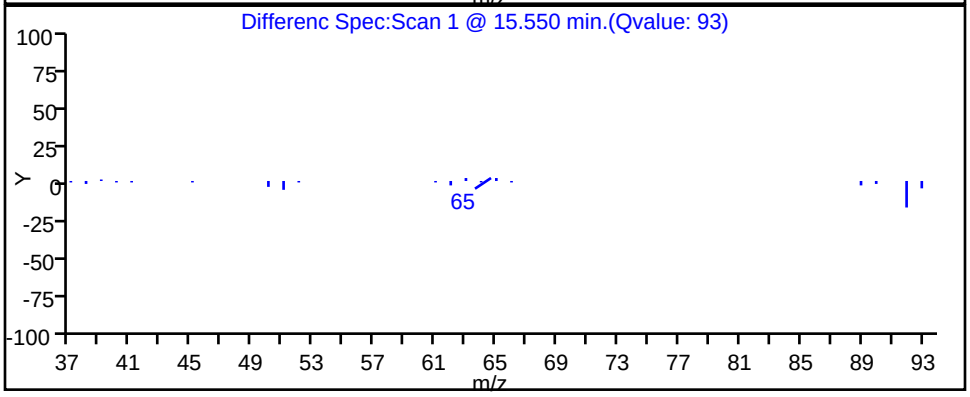












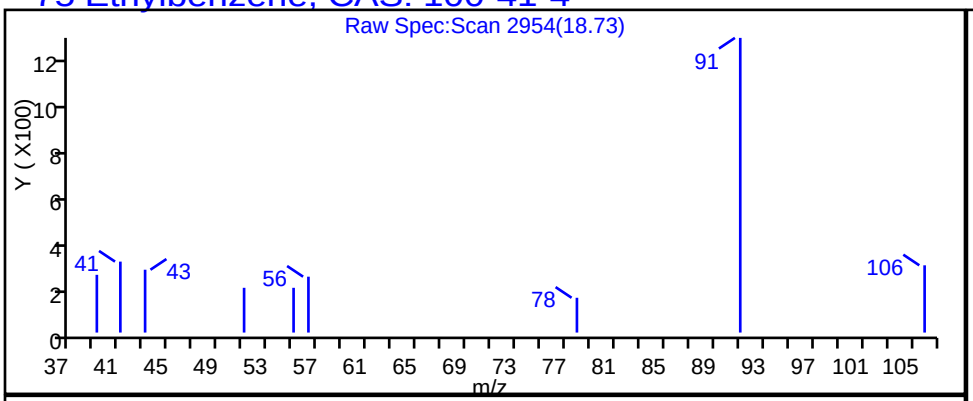
Report Date: 29-Jan-2015 09:19:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

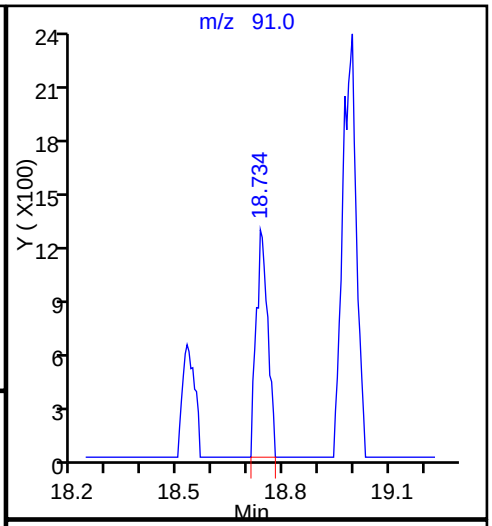
TestAmerica Burlington

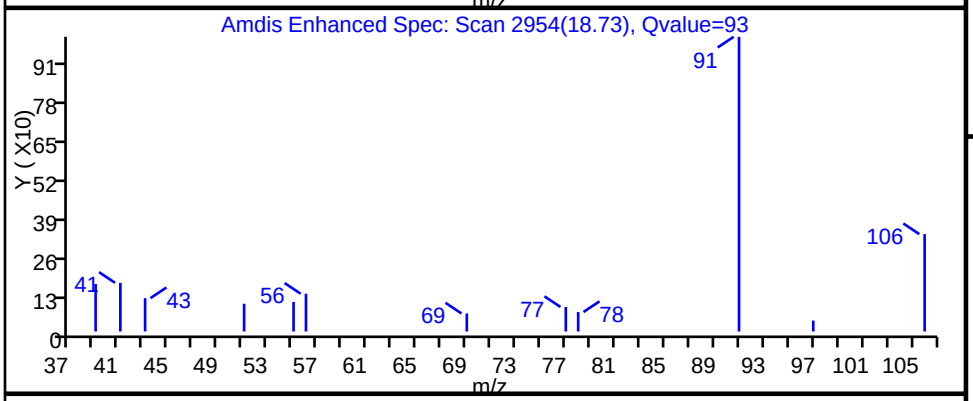
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D

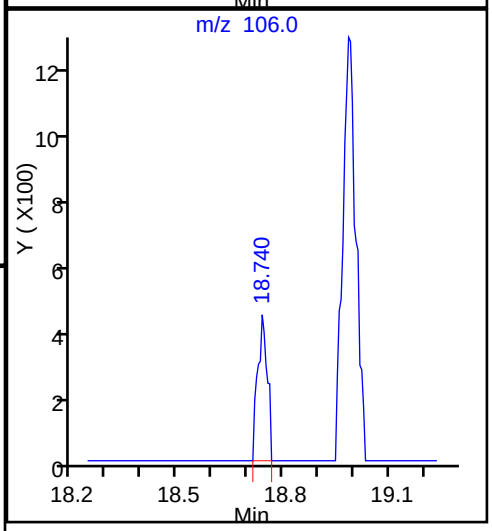
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

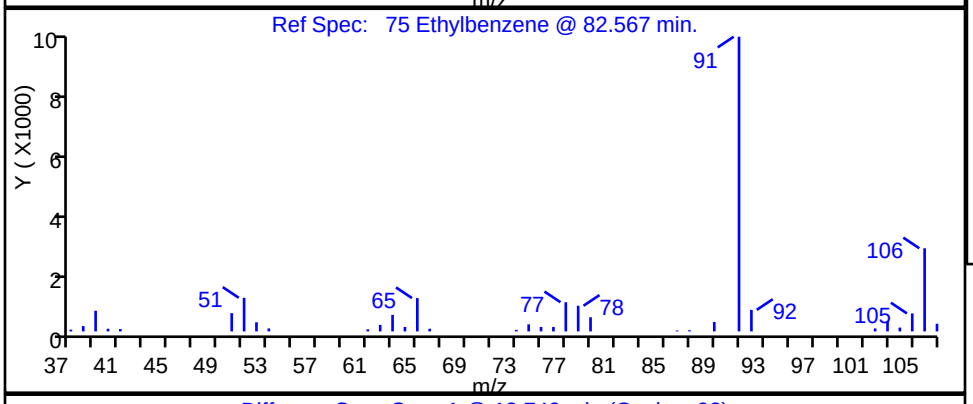
75 Ethylbenzene, CAS: 100-41-4

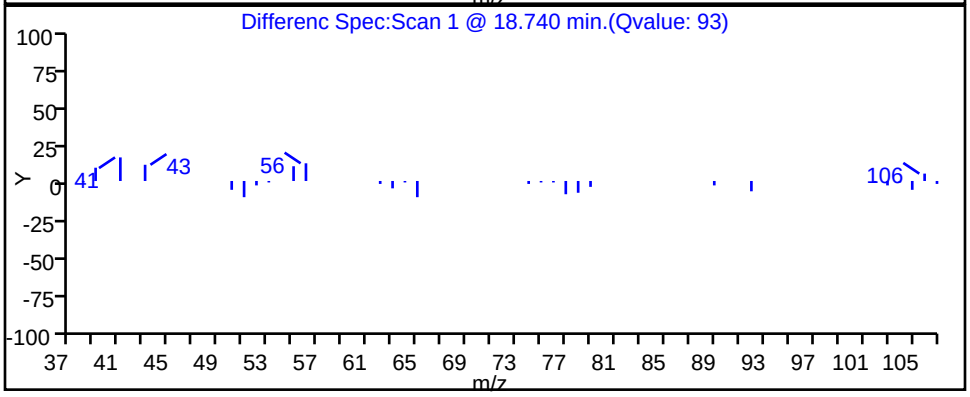












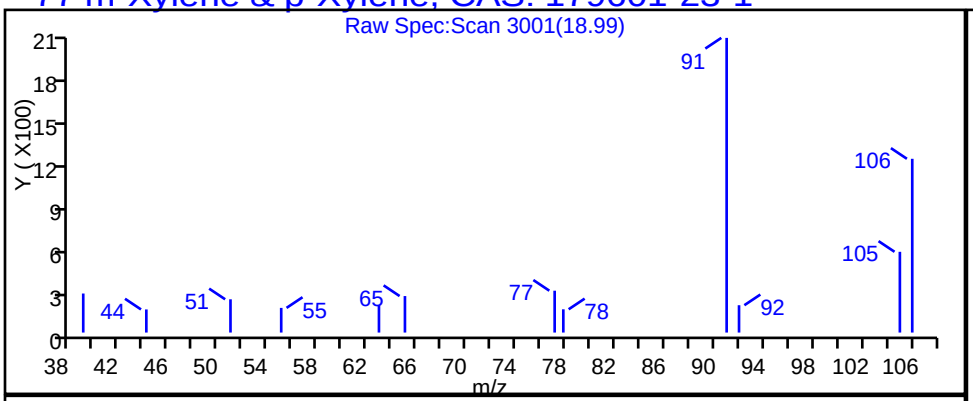
Report Date: 29-Jan-2015 09:19:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

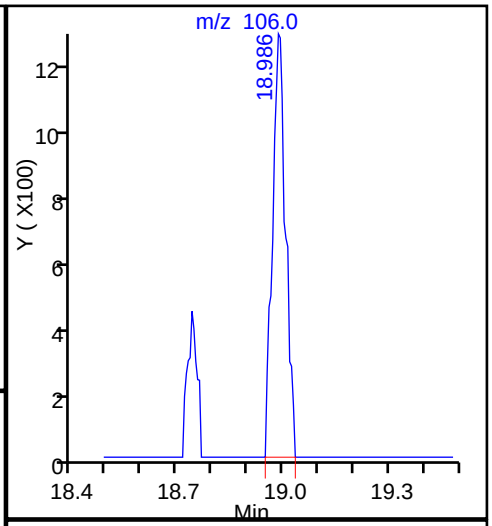
TestAmerica Burlington

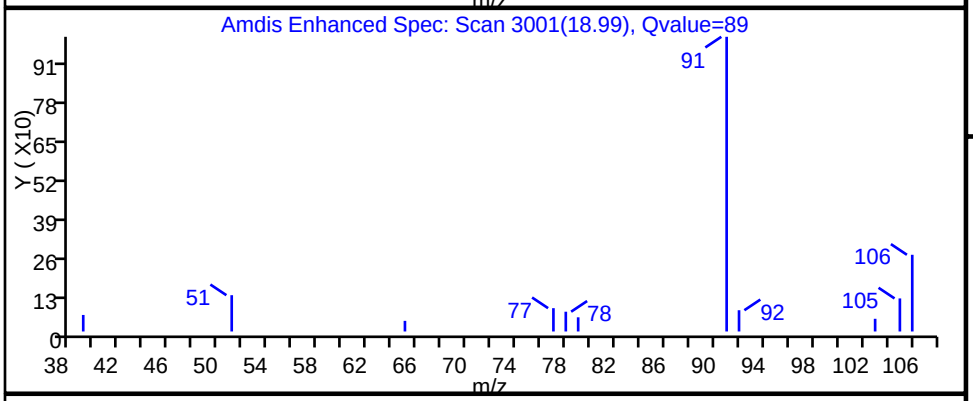
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-023.D

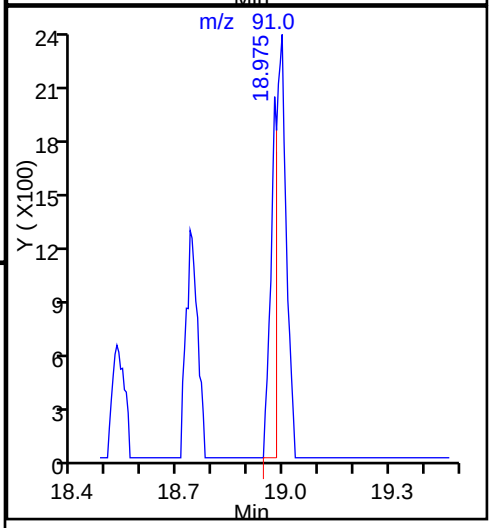
Injection Date:	29-Jan-2015 02:43:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-9	Lab Sample ID:	200-64806-9		
Client ID:	101OA0305FA				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

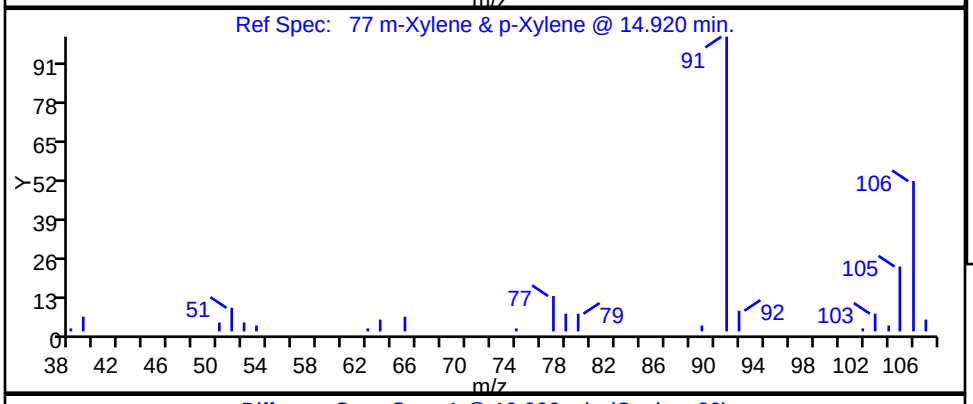
77 m-Xylene & p-Xylene, CAS: 179601-23-1

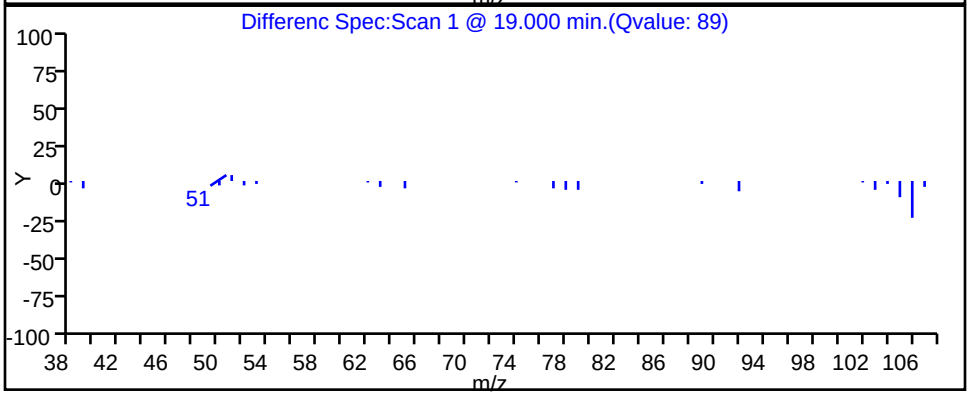












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101CA01FA Lab Sample ID: 280-64806-10

Matrix: Air Lab File ID: 11878_011.d

Analysis Method: TO-15 Date Collected: 01/20/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 10:13

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.76		0.50	0.056
75-45-6	Freon 22	86.47	0.56		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.36	J	0.50	0.060
106-97-8	n-Butane	58.12	1.3		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.065	J	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.79		0.20	0.045
76-13-1	Freon TF	187.38	0.14	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	29		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	6.4		5.0	0.15
75-15-0	Carbon disulfide	76.14	3.6		0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.18	J	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.40	J	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.089	J	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	1.4		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	19		0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.25	J	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.31		0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.41		0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.13	J M	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101CA01FA Lab Sample ID: 280-64806-10

Matrix: Air Lab File ID: 11878_011.d

Analysis Method: TO-15 Date Collected: 01/20/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 10:13

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	9.0		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.17	J	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.21	J	0.50	0.18
108-88-3	Toluene	92.14	0.89		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	1.5		0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.085	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.31	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.12	J	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.43		0.20	0.041
100-42-5	Styrene	104.15	0.069	J	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20		0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.11	J	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101CA01FA Lab Sample ID: 280-64806-10

Matrix: Air Lab File ID: 11878_011.d

Analysis Method: TO-15 Date Collected: 01/20/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 10:13

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.21	J	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101CA01FA Lab Sample ID: 280-64806-10

Matrix: Air Lab File ID: 11878_011.d

Analysis Method: TO-15 Date Collected: 01/20/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 10:13

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.7		2.5	0.28
75-45-6	Freon 22	86.47	2.0		1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.74	J	1.0	0.12
106-97-8	n-Butane	58.12	3.2		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.17	J	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	4.4		1.1	0.25
76-13-1	Freon TF	187.38	1.1	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	68		12	1.6
67-63-0	Isopropyl alcohol	60.10	16		12	0.37
75-15-0	Carbon disulfide	76.14	11		1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.61	J	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	1.2	J	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.31	J	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	4.0		1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	95		0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.73	J	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	1.7		1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	2.6		1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.41	J M	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101CA01FA Lab Sample ID: 280-64806-10

Matrix: Air Lab File ID: 11878_011.d

Analysis Method: TO-15 Date Collected: 01/20/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 10:13

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	48		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	1.2	J	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.84	J	2.0	0.74
108-88-3	Toluene	92.14	3.3		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	10		1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.37	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	1.3	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.51	J	0.87	0.078
1330-20-7	Xylene (total)	106.17	1.9		0.87	0.18
100-42-5	Styrene	104.15	0.29	J	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.97		0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.58	J	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 101CA01FA Lab Sample ID: 280-64806-10

Matrix: Air Lab File ID: 11878_011.d

Analysis Method: TO-15 Date Collected: 01/20/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 10:13

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	1.1	J	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d
Lims ID: 280-64806-A-10 Lab Sample ID: 200-64806-10
Client ID: 101CA01FA
Sample Type: Client
Inject. Date: 30-Jan-2015 10:13:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011878-011
Misc. Info.: 280-64806-a-10
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 11:21:51 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 30-Jan-2015 11:21:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.440	4.478	-0.038	99	39849	0.7554	
3 Chlorodifluoromethane	51	4.504	4.547	-0.043	97	14186	0.5571	
4 1,2-Dichloro-1,1,2,2-tetra	85		4.836				ND	
5 Chloromethane	50	4.991	5.023	-0.032	97	5525	0.3582	
6 Butane	43	5.248	5.291	-0.043	98	33935	1.34	
7 Vinyl chloride	62		5.344				ND	
8 Butadiene	54		5.446				ND	
9 Bromomethane	94		6.307				ND	
11 Chloroethane	64	6.548	6.596	-0.048	14	702	0.0647	
13 Vinyl bromide	106		7.072				ND	
14 Trichlorofluoromethane	101	7.147	7.185	-0.038	98	40364	0.7915	
20 1,1,2-Trichloro-1,2,2-trif	101	8.388	8.431	-0.043	98	6119	0.1406	
21 1,1-Dichloroethene	96		8.501				ND	
22 Acetone	43	8.688	8.752	-0.064	91	645160	28.7	
23 Carbon disulfide	76	8.950	8.987	-0.037	97	189662	3.57	
24 Isopropyl alcohol	45	9.003	9.078	-0.075	99	105278	6.37	
25 3-Chloro-1-propene	41		9.383				ND	
27 Methylene Chloride	49	9.677	9.715	-0.038	84	3070	0.1764	
28 2-Methyl-2-propanol	59	9.881	9.950	-0.069	95	10098	0.4044	
29 Methyl tert-butyl ether	73		10.164				ND	
S 30 1,2-Dichloroethene, Total	61		10.200				ND	
31 trans-1,2-Dichloroethene	61		10.207				ND	
33 Hexane	57	10.587	10.624	-0.037	83	2298	0.0889	
34 1,1-Dichloroethane	63		11.170				ND	
37 cis-1,2-Dichloroethene	96		12.342				ND	
38 2-Butanone (MEK)	72	12.336	12.363	-0.027	96	15251	1.36	
* 40 Chlorobromomethane	128	12.796	12.823	-0.027	76	190640	10.0	
41 Tetrahydrofuran	42	12.818	12.839	-0.021	80	4151	0.2481	
42 Chloroform	83	12.903	12.936	-0.033	99	753813	19.4	
43 Cyclohexane	84		13.230				ND	M
44 1,1,1-Trichloroethane	97	13.214	13.240	-0.026	97	12608	0.3056	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Carbon tetrachloride	117	13.470	13.497	-0.027	96	17710	0.4079	
46 Isooctane	57		13.888				ND	M
47 Benzene	78	13.914	13.947	-0.033	56	8392	0.1278	M
48 1,2-Dichloroethane	62		14.107				ND	
49 n-Heptane	43		14.241				ND	M
* 50 1,4-Difluorobenzene	114	14.679	14.701	-0.022	92	877089	10.0	
53 Trichloroethene	95	15.145	15.172	-0.027	93	267438	8.99	
54 1,2-Dichloropropane	63		15.685				ND	
55 Methyl methacrylate	69		15.771				ND	
56 1,4-Dioxane	88		15.872				ND	
58 Dichlorobromomethane	83	16.161	16.177	-0.016	98	7449	0.1719	
60 cis-1,3-Dichloropropene	75		17.039				ND	
61 4-Methyl-2-pentanone (MIBK	43	17.258	17.274	-0.016	92	7183	0.2058	
64 Toluene	92	17.595	17.606	-0.011	93	46659	0.8878	
66 trans-1,3-Dichloropropene	75		18.141				ND	
67 1,1,2-Trichloroethane	83		18.505				ND	
68 Tetrachloroethene	166	18.638	18.649	-0.011	96	83354	1.52	
69 2-Hexanone	43	18.890	18.900	-0.010	44	2687	0.0813	7
71 Chlorodibromomethane	129		19.264				ND	
72 Ethylene Dibromide	107		19.548				ND	
S 73 Xylenes, Total	106				0		0.4231	
* 74 Chlorobenzene-d5	117	20.382	20.393	-0.011	81	815323	10.0	
75 Chlorobenzene	112		20.446				ND	
76 Ethylbenzene	91	20.548	20.559	-0.011	96	9251	0.0847	
78 m-Xylene & p-Xylene	106	20.767	20.778	-0.011	99	15118	0.3061	
79 o-Xylene	106	21.490	21.495	-0.005	95	5609	0.1170	
80 Styrene	104	21.532	21.532	0.000	93	5054	0.0690	
81 Bromoform	173		21.918				ND	
82 Isopropylbenzene	105		22.062				ND	
$ 83 4-Bromofluorobenzene	95	22.404	22.399	0.005	98	524132	NC	
84 1,1,2,2-Tetrachloroethane	83		22.624				ND	
85 N-Propylbenzene	91		22.699				ND	M
88 4-Ethyltoluene	105		22.865				ND	M
89 2-Chlorotoluene	91		22.902				ND	
90 1,3,5-Trimethylbenzene	105		22.956				ND	M
92 tert-Butylbenzene	119		23.432				ND	
93 1,2,4-Trimethylbenzene	105	23.538	23.523	0.015	92	21631	0.1965	
94 sec-Butylbenzene	105		23.758				ND	
95 4-Isopropyltoluene	119	23.972	23.961	0.011	96	15162	0.1065	
96 1,3-Dichlorobenzene	146		24.036				ND	
97 1,4-Dichlorobenzene	146		24.181				ND	
98 Benzyl chloride	91		24.384				ND	
100 n-Butylbenzene	91		24.598				ND	
101 1,2-Dichlorobenzene	146		24.785				ND	
103 1,2,4-Trichlorobenzene	180		27.663				ND	
104 Hexachlorobutadiene	225		27.861				ND	
105 Naphthalene	128	28.139	28.241	-0.102	100	26048	0.2084	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

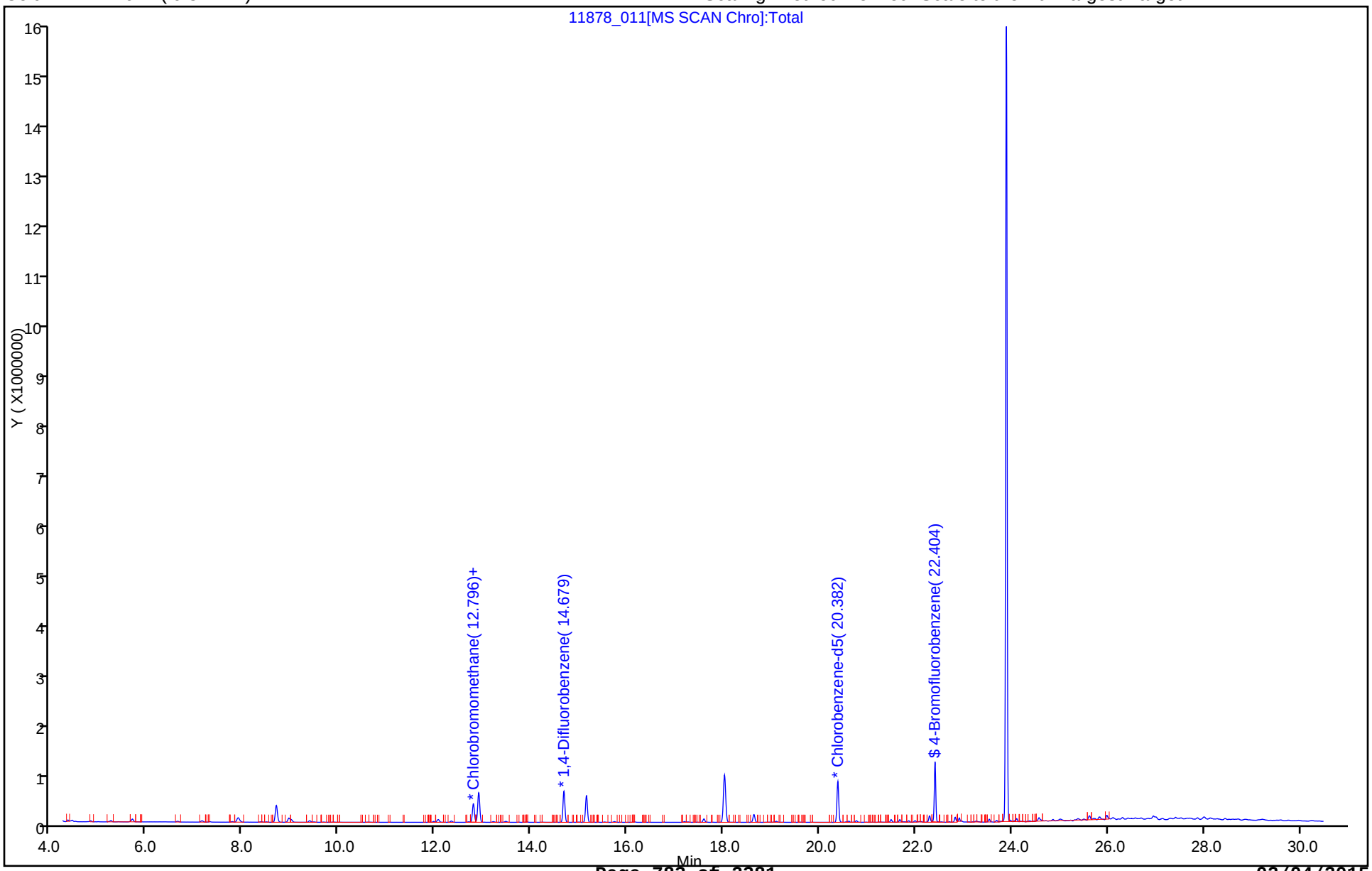
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10	Worklist Smp#:	11
Client ID:	101CA01FA				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



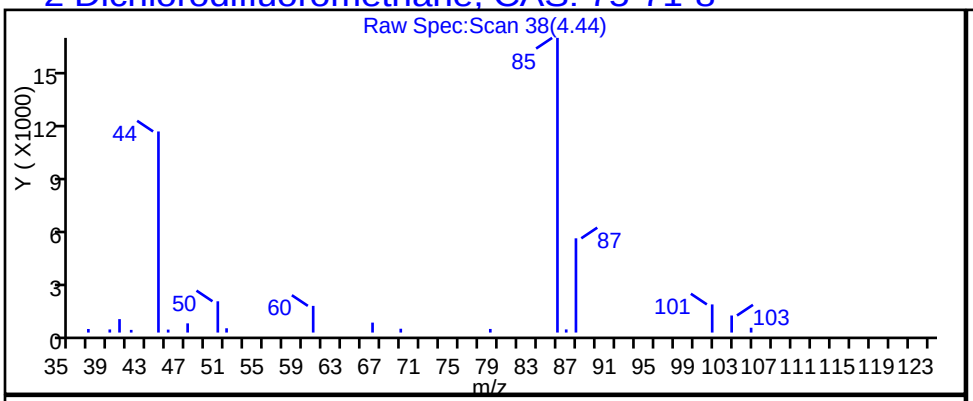
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

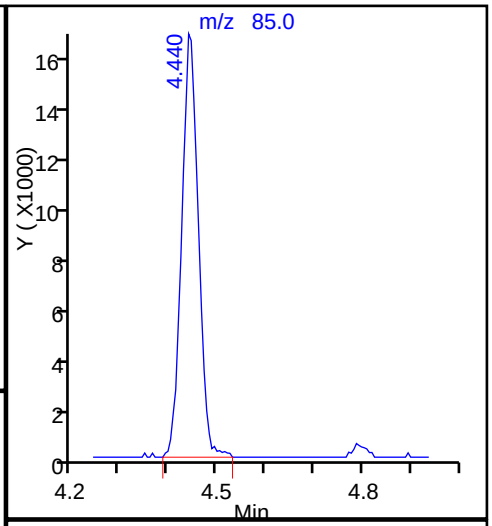
TestAmerica Burlington

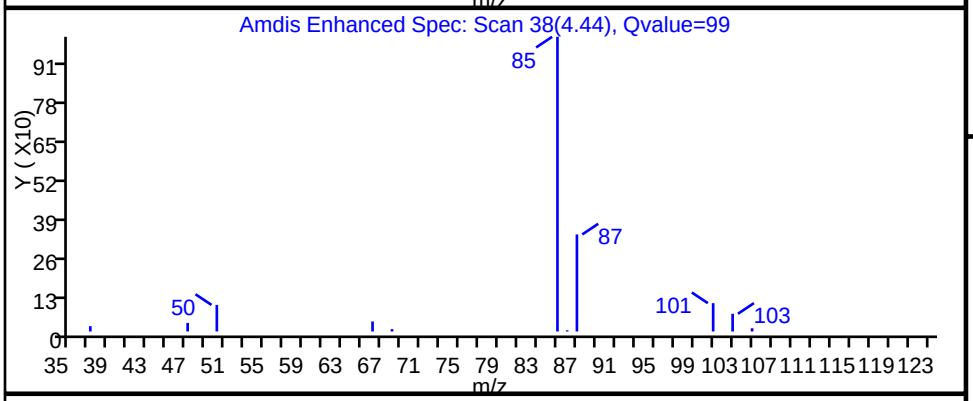
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

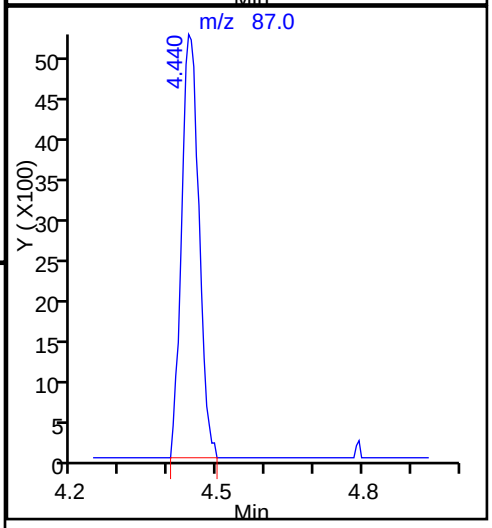
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

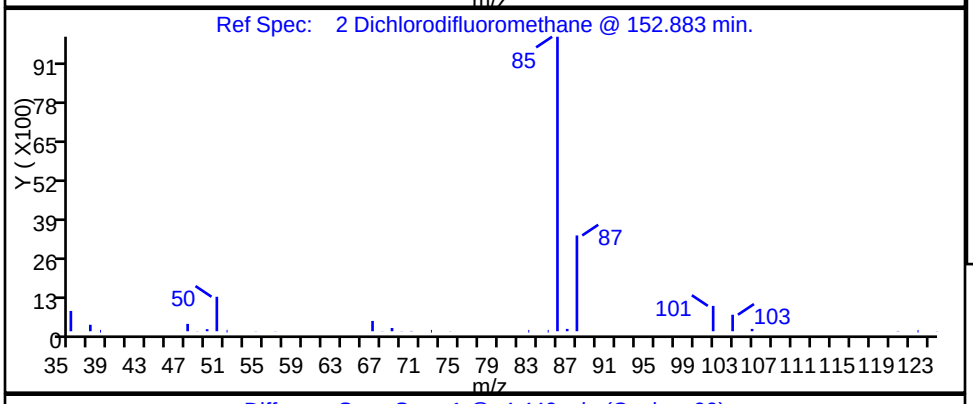
2 Dichlorodifluoromethane, CAS: 75-71-8

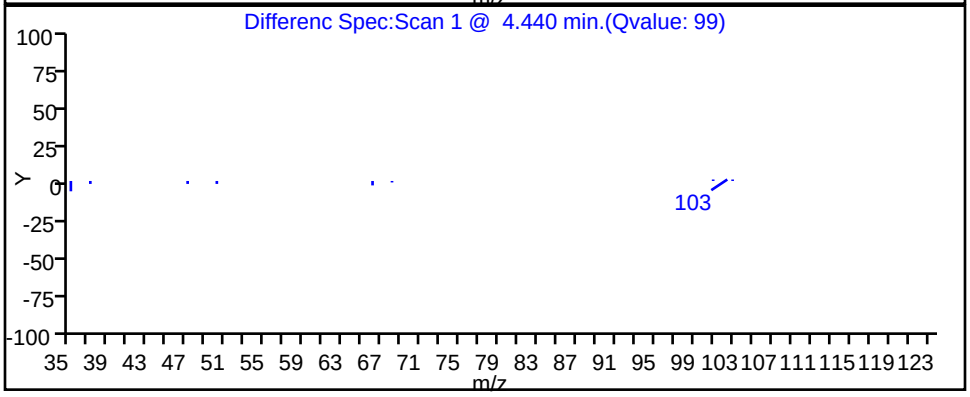












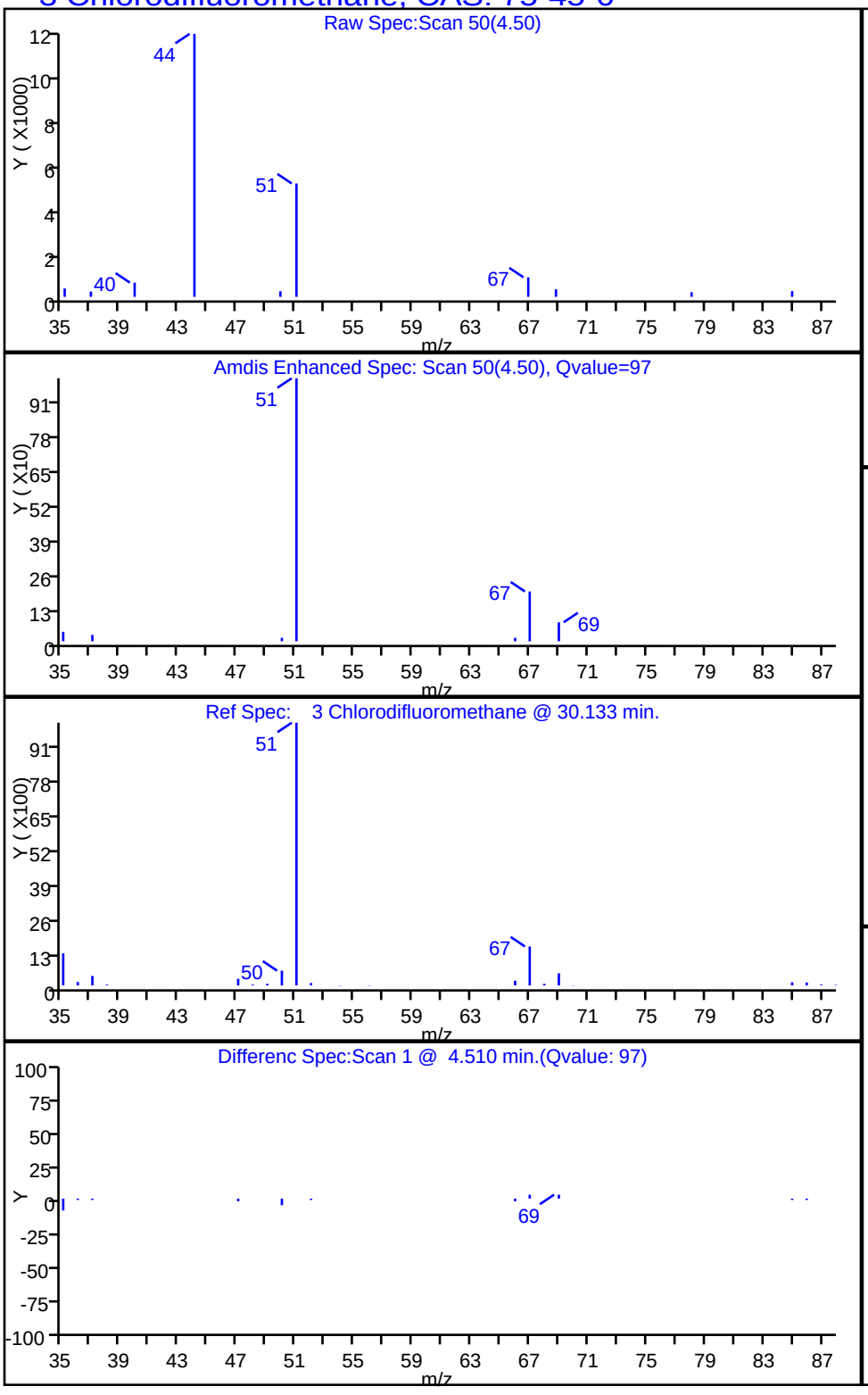
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

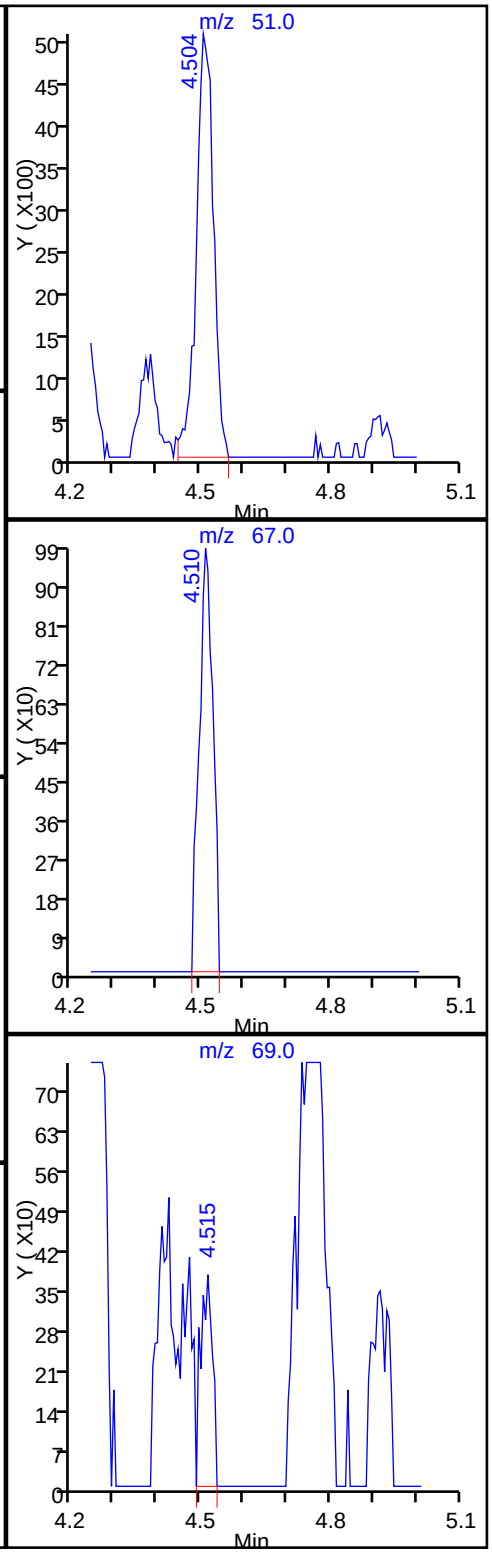
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

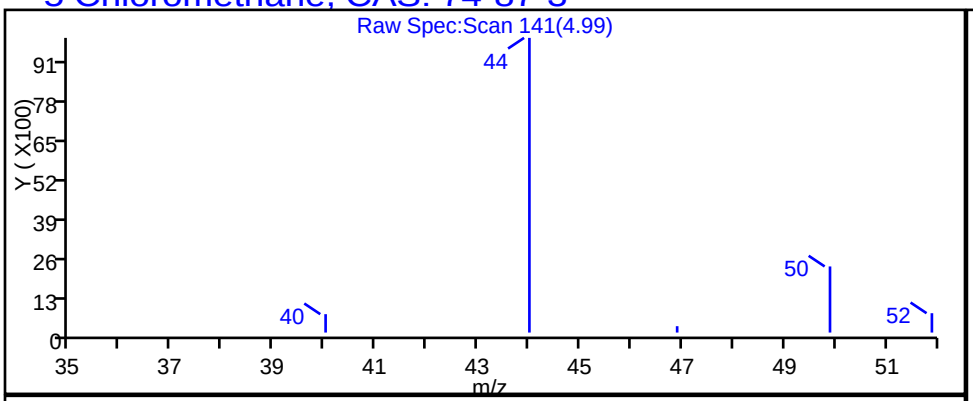


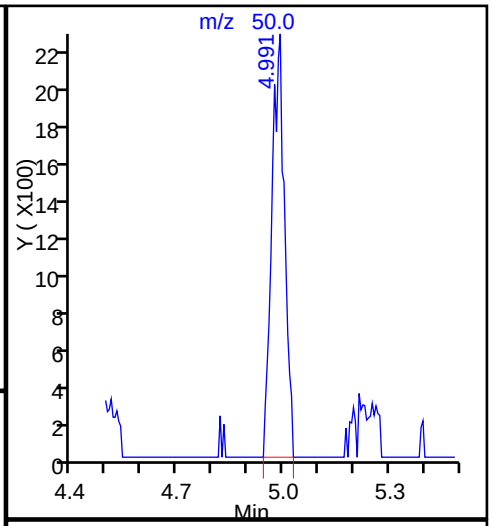


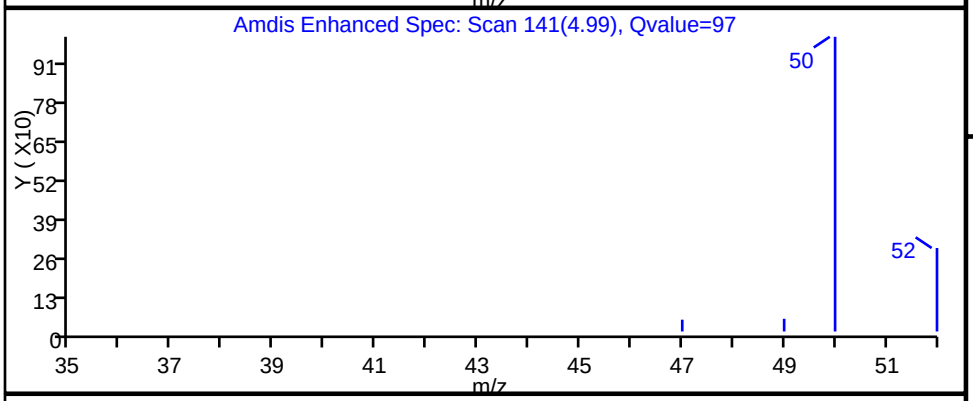
TestAmerica Burlington

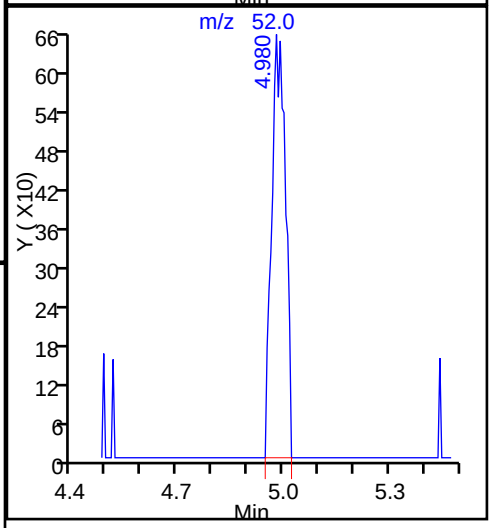
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d				
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

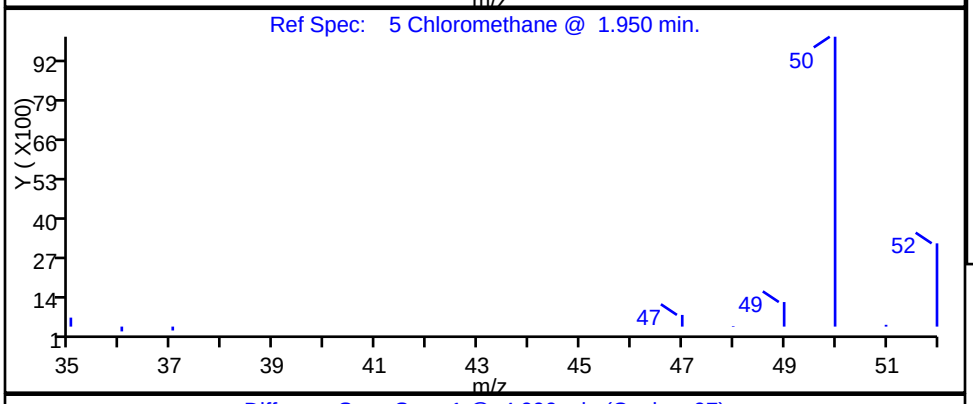
5 Chloromethane, CAS: 74-87-3

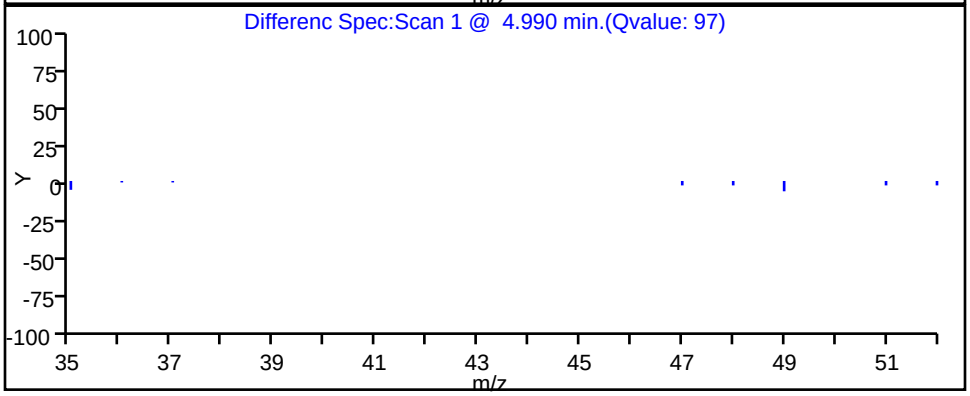












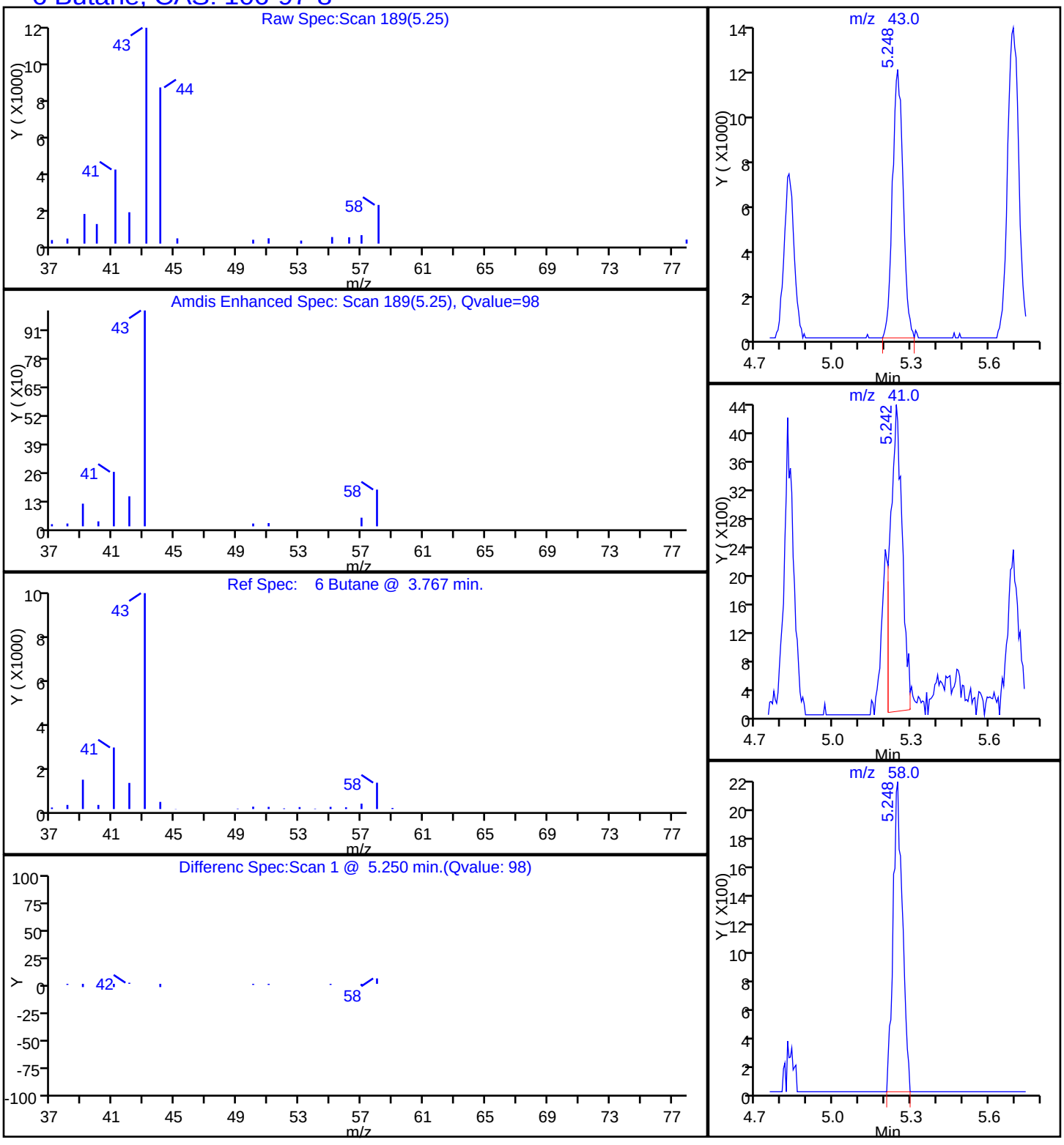
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10
Client ID:	101CA01FA		
Operator ID:	bpl	ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

6 Butane, CAS: 106-97-8



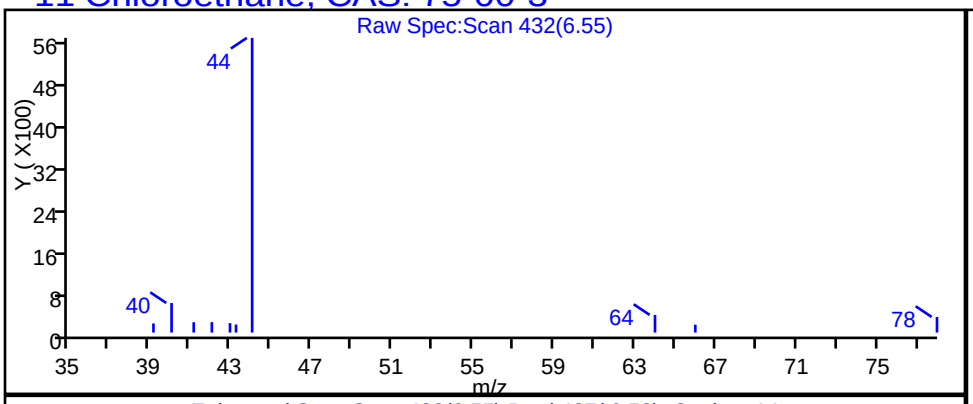
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

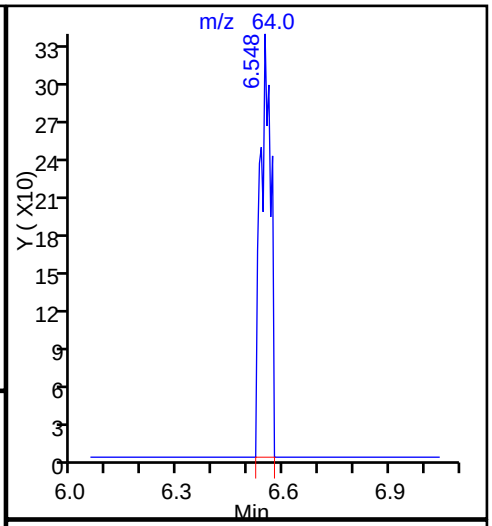
TestAmerica Burlington

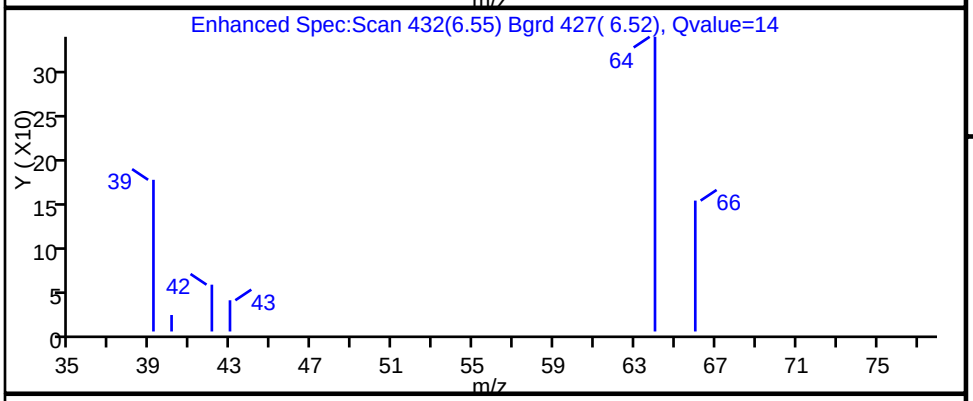
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

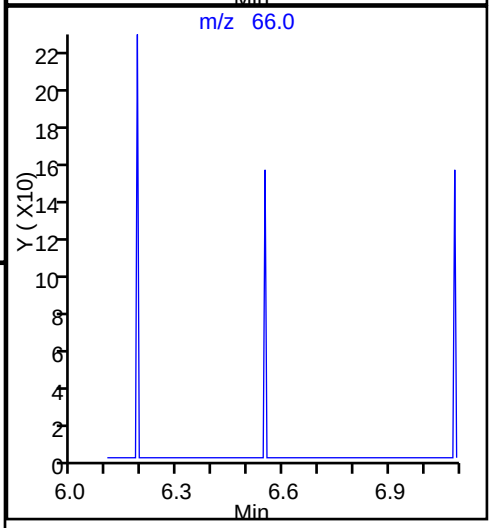
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

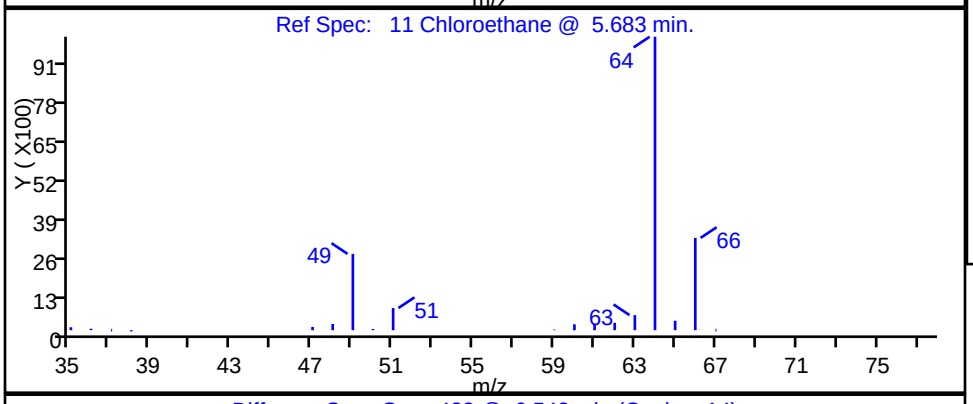
11 Chloroethane, CAS: 75-00-3

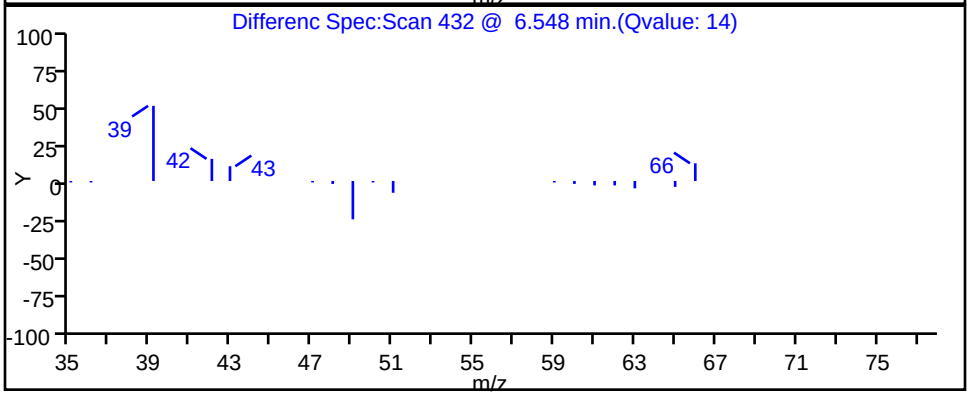












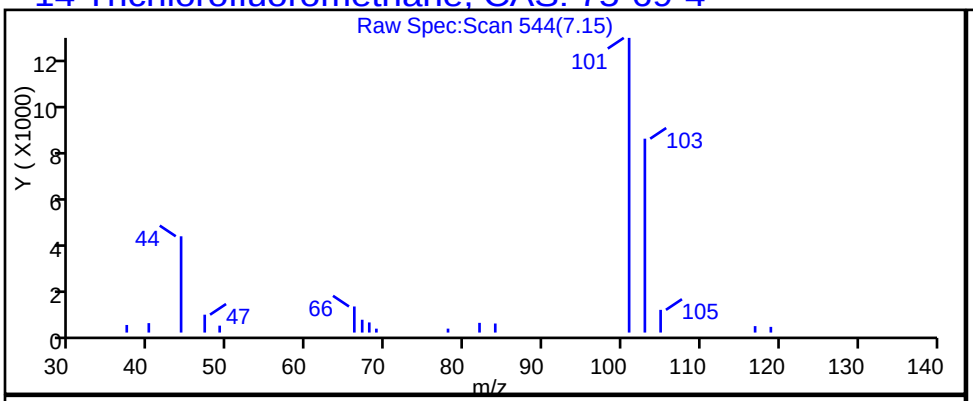
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

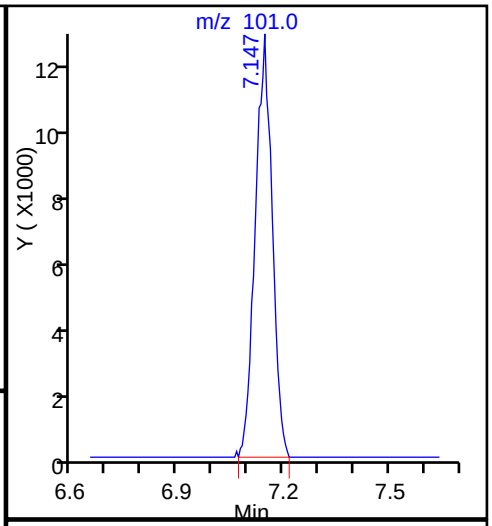
TestAmerica Burlington

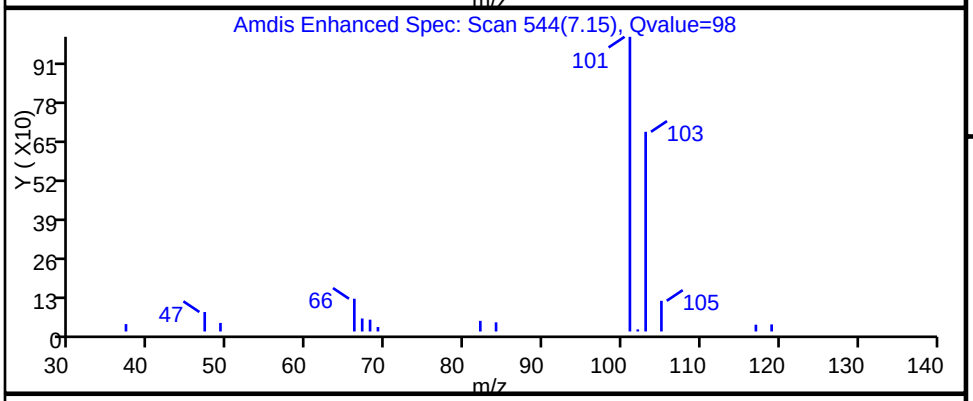
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

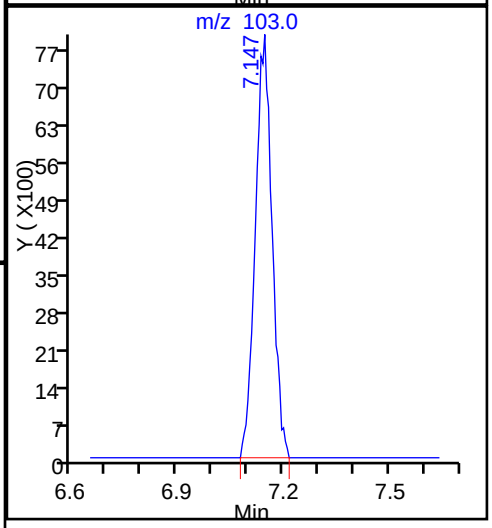
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

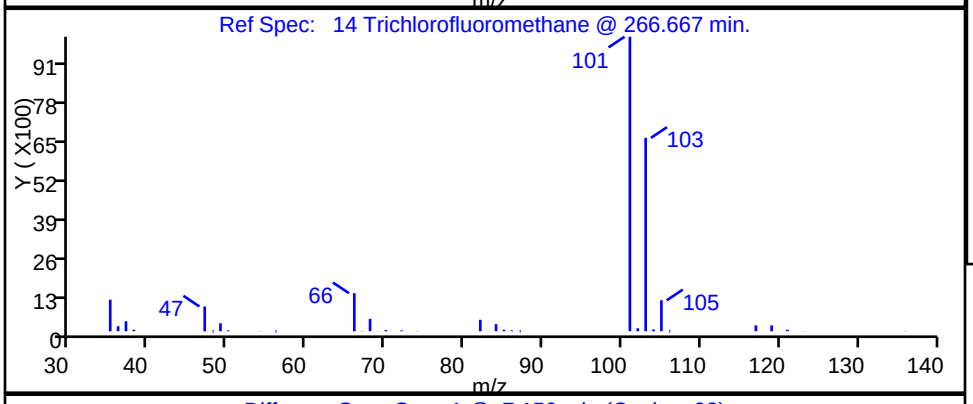
14 Trichlorofluoromethane, CAS: 75-69-4

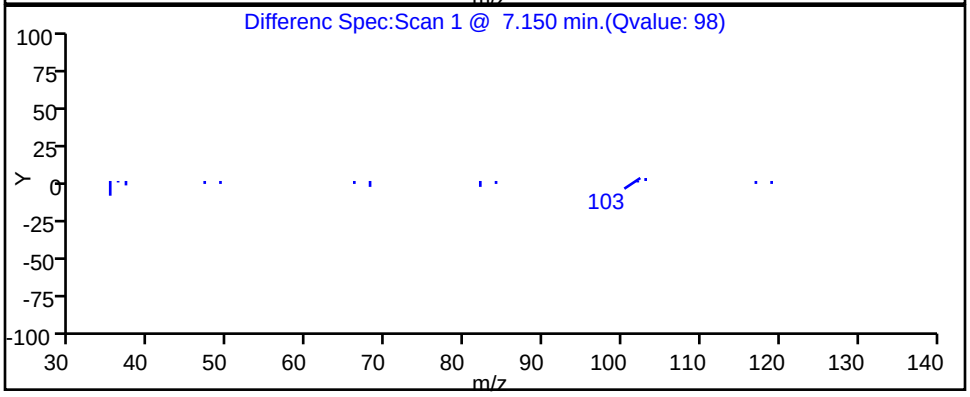












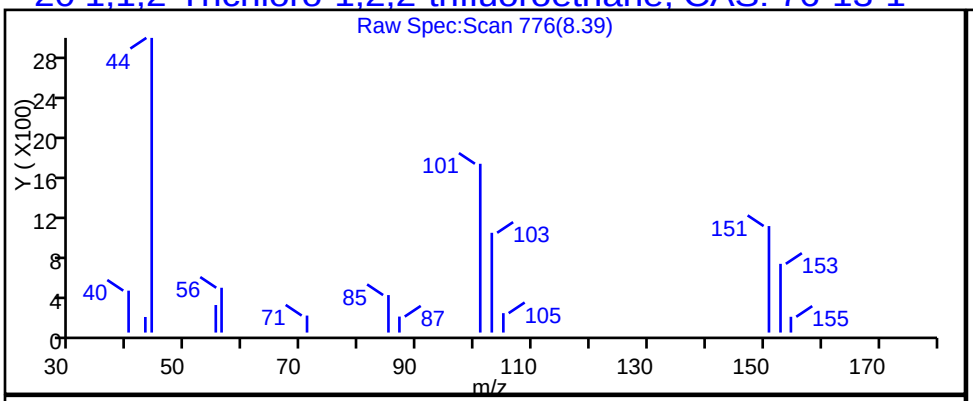
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

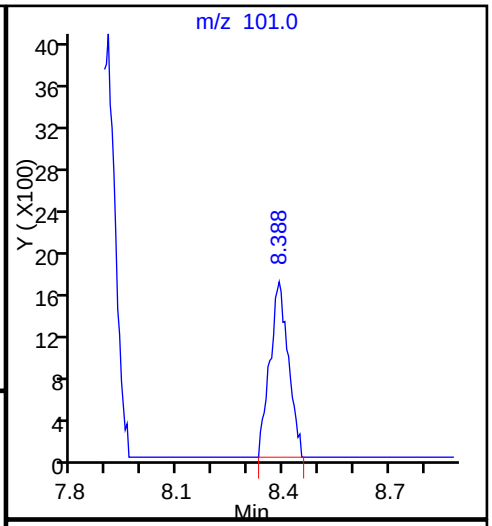
TestAmerica Burlington

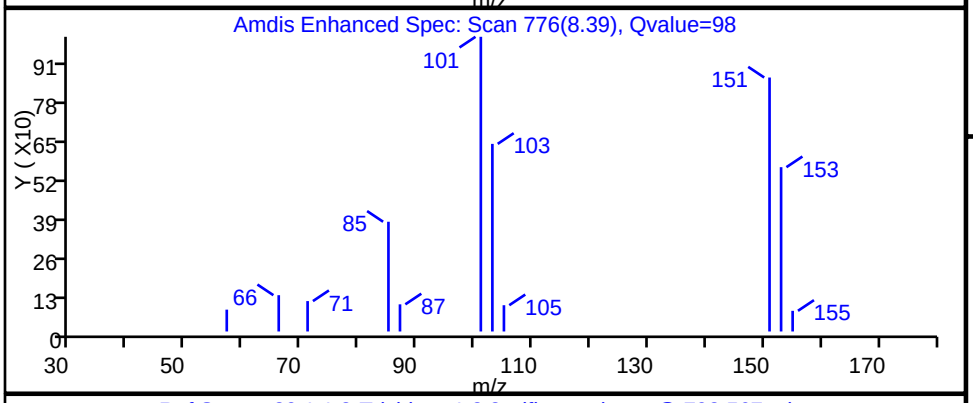
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

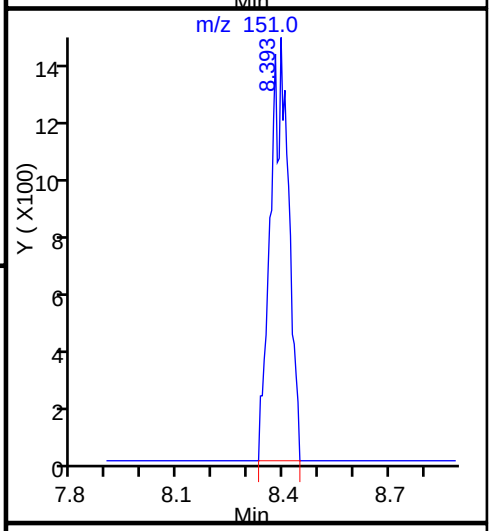
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

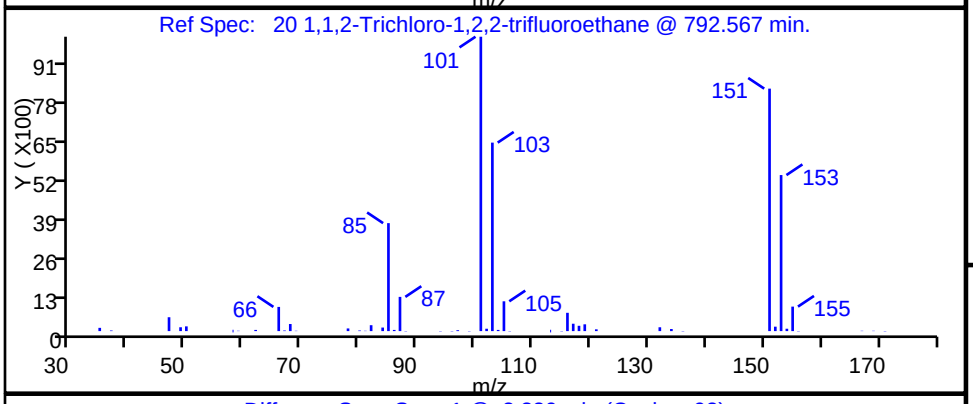
20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

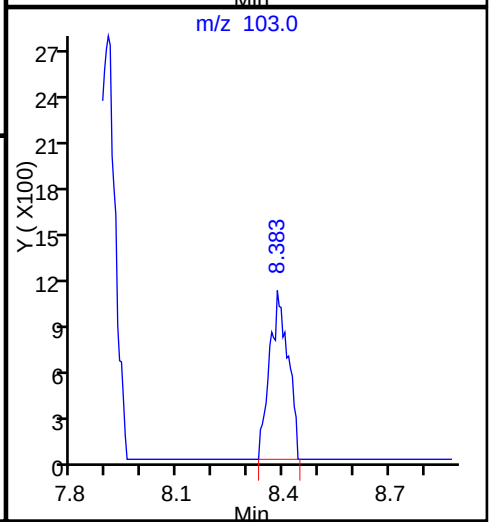


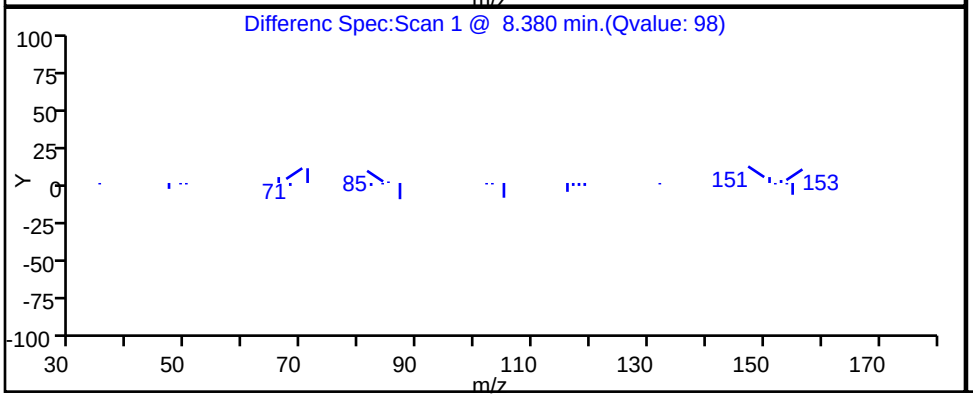












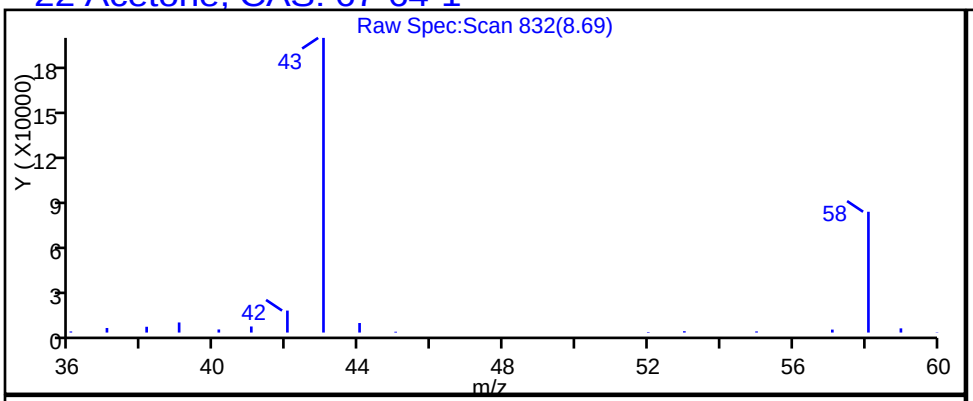
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

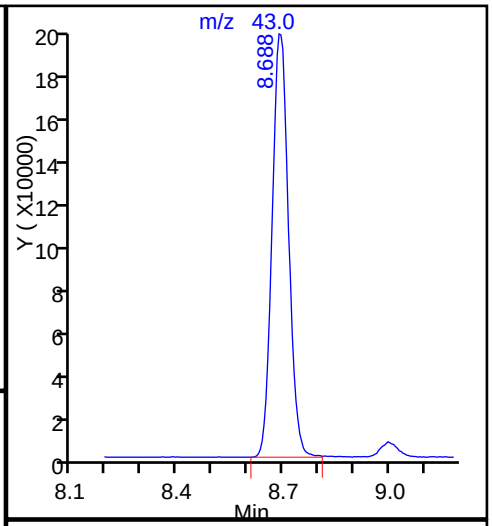
TestAmerica Burlington

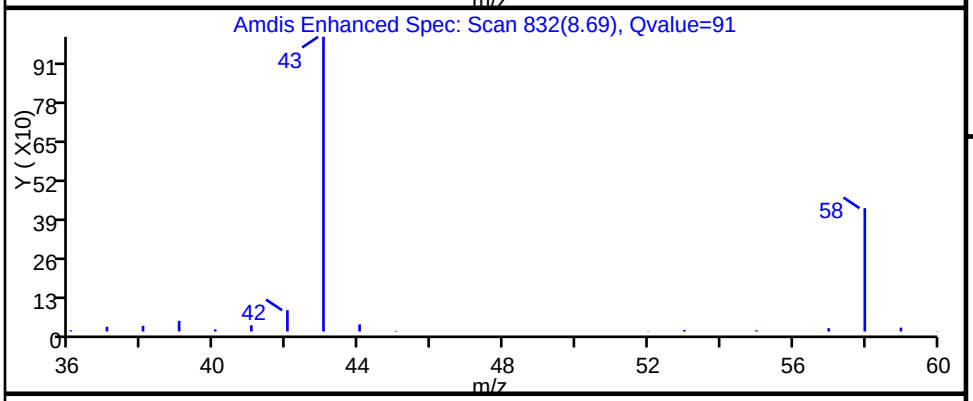
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

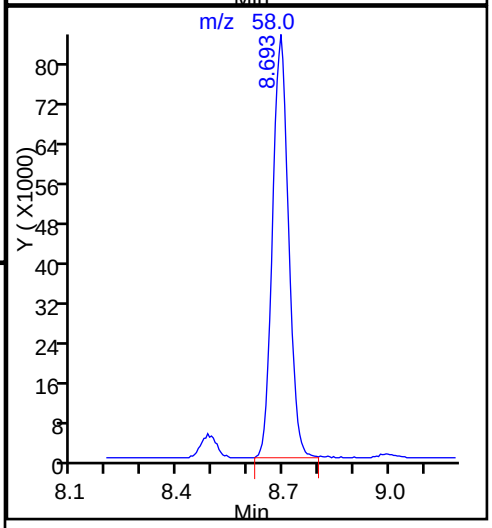
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

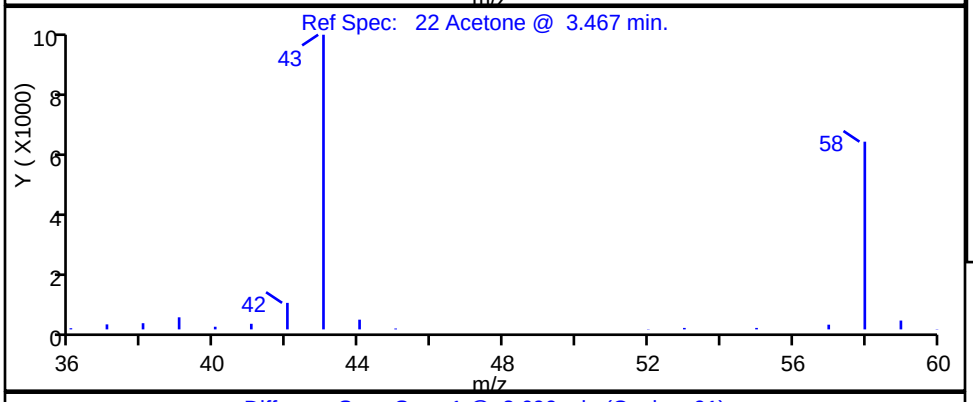
22 Acetone, CAS: 67-64-1

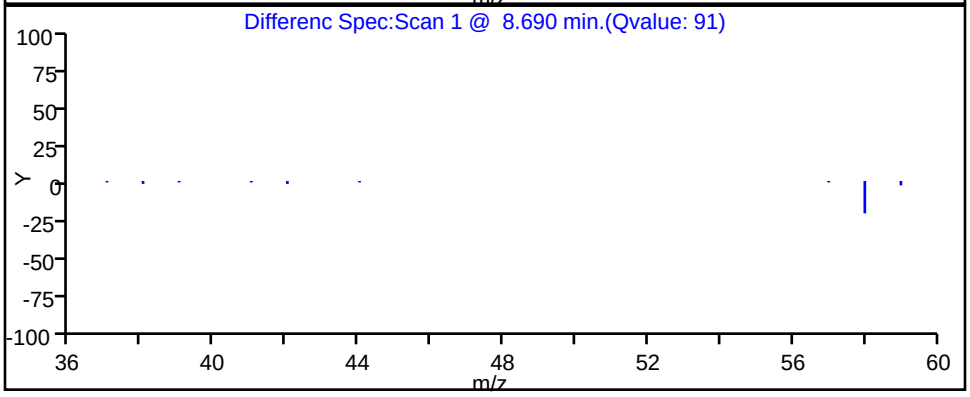












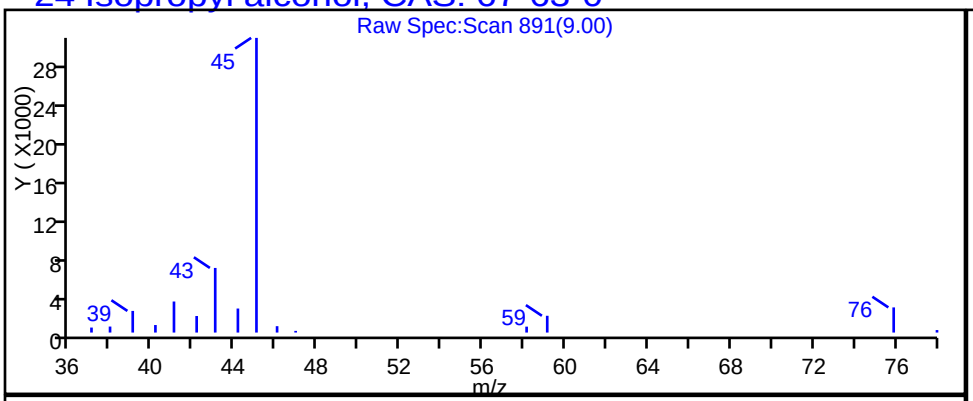
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

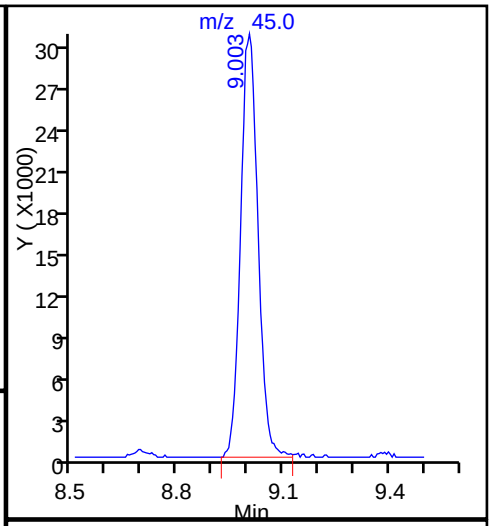
TestAmerica Burlington

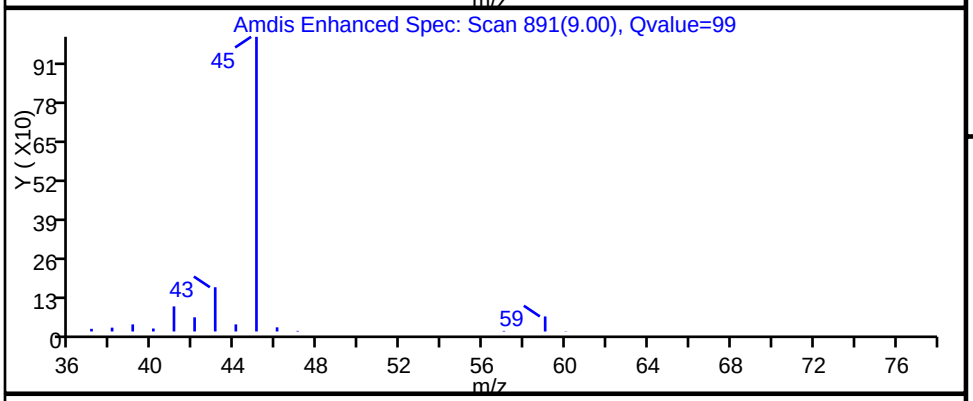
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

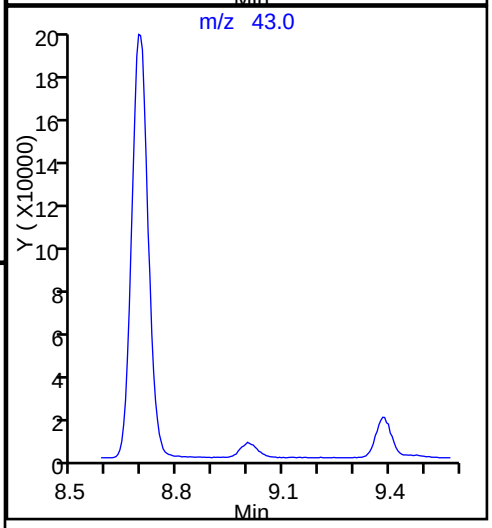
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

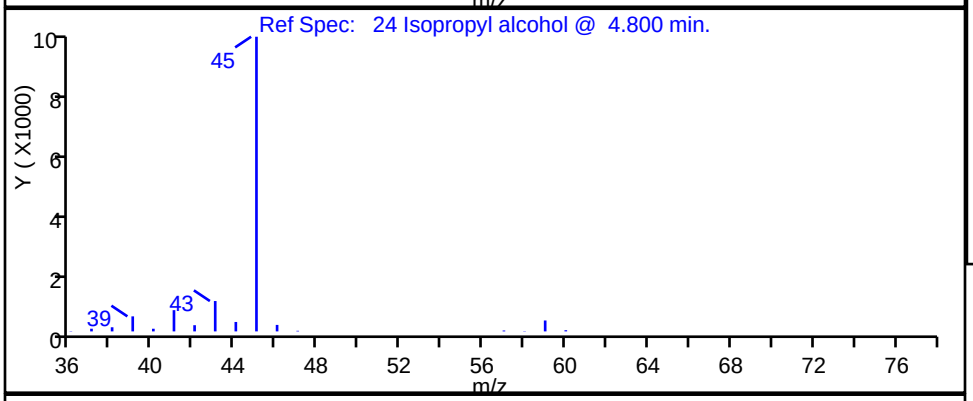
24 Isopropyl alcohol, CAS: 67-63-0

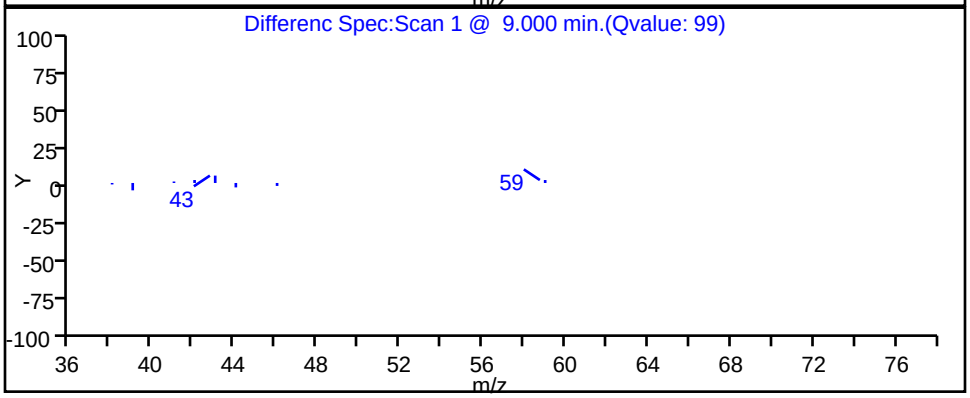










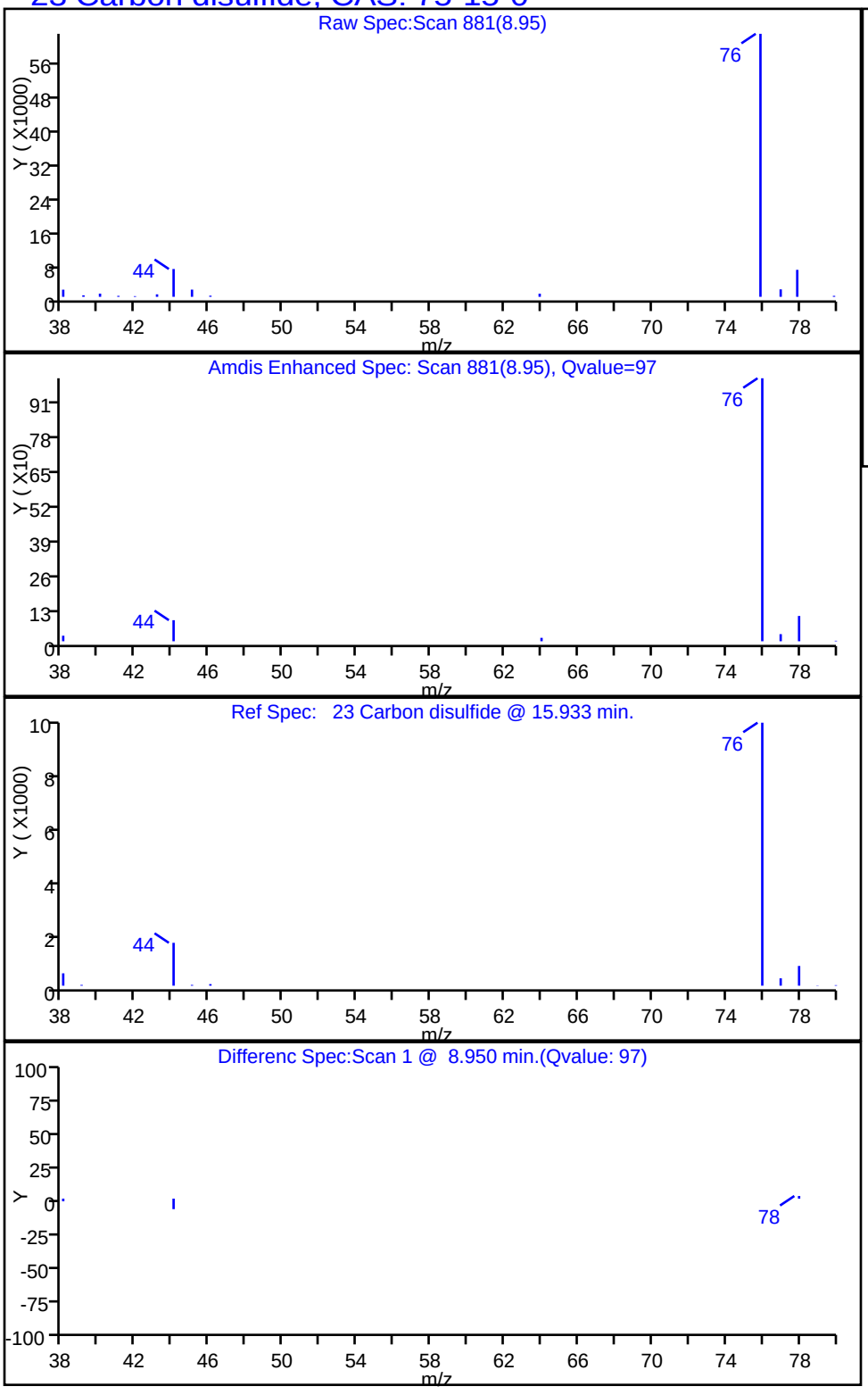


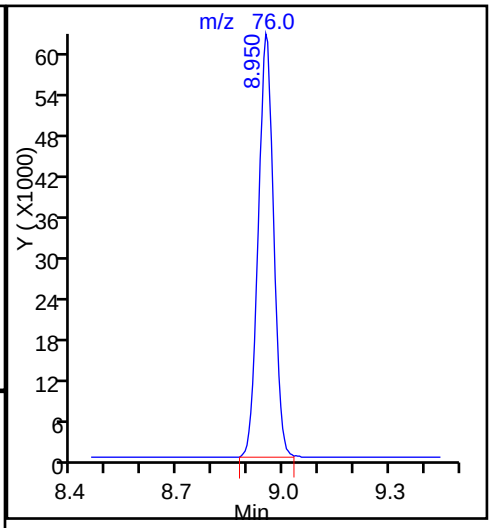
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d				
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Carbon disulfide, CAS: 75-15-0





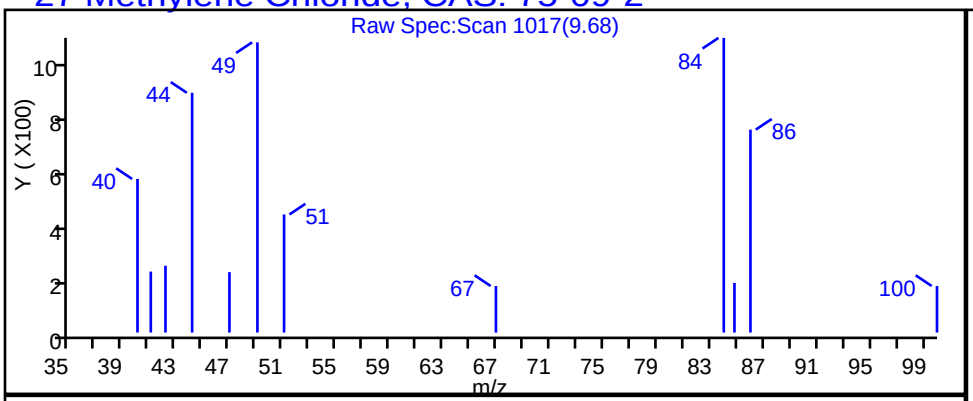
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

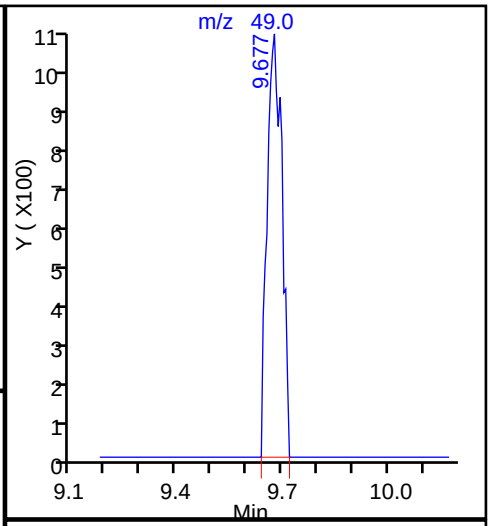
TestAmerica Burlington

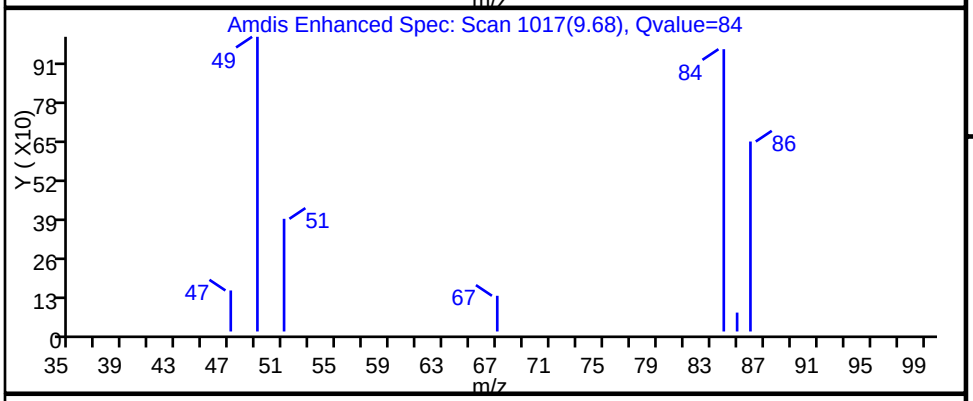
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

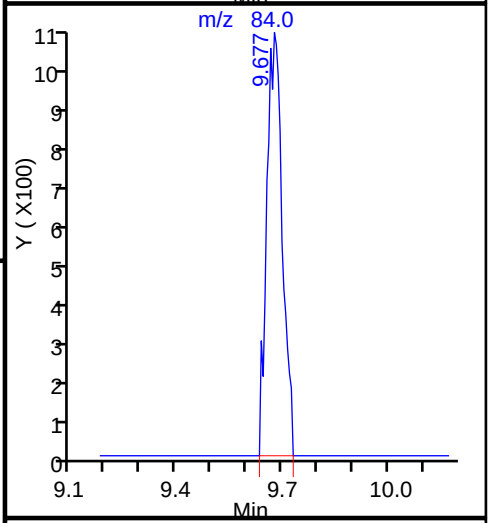
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

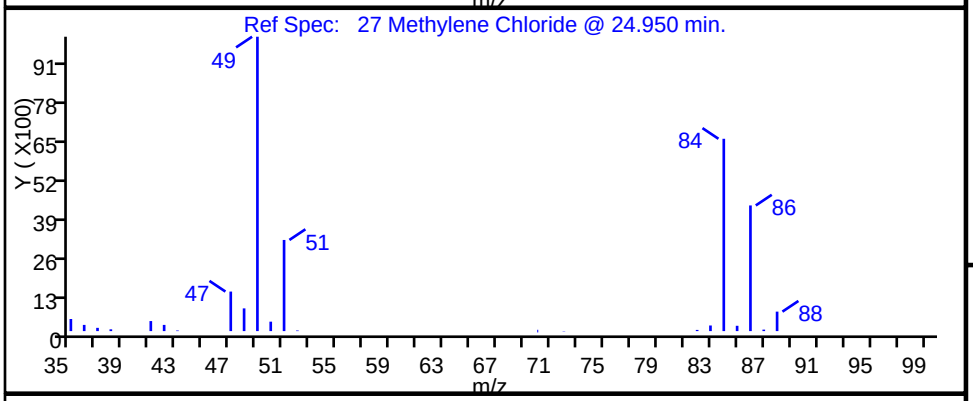
27 Methylene Chloride, CAS: 75-09-2

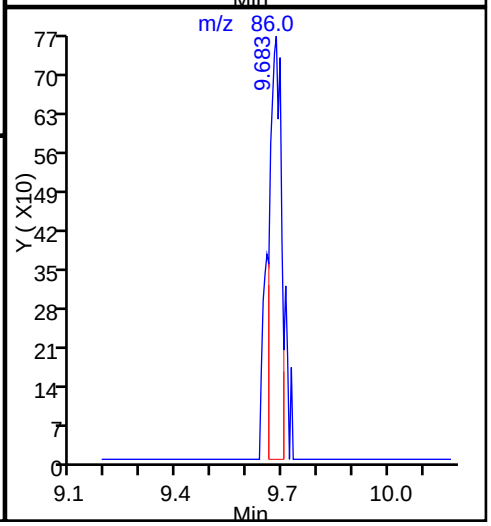


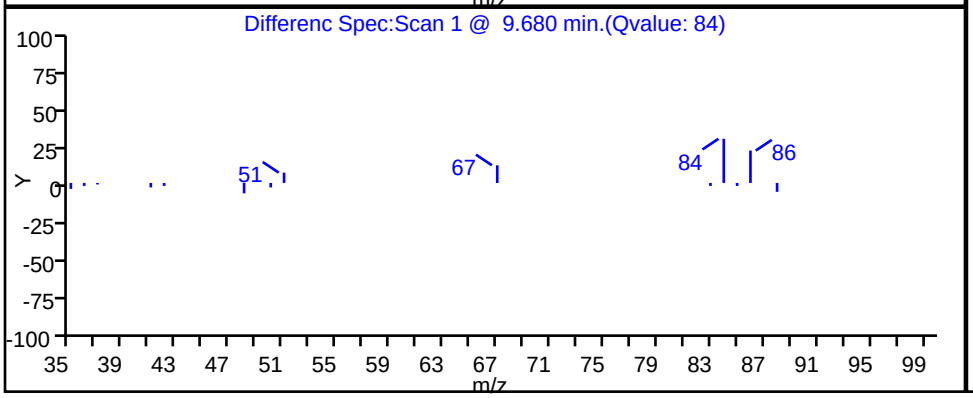








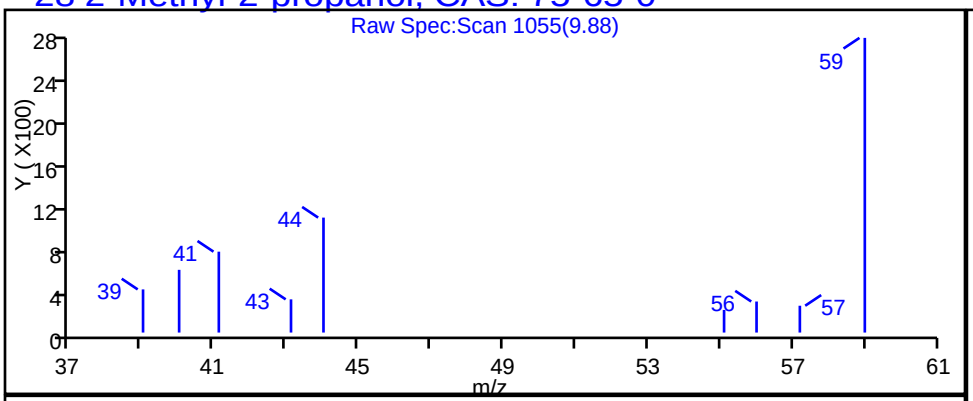


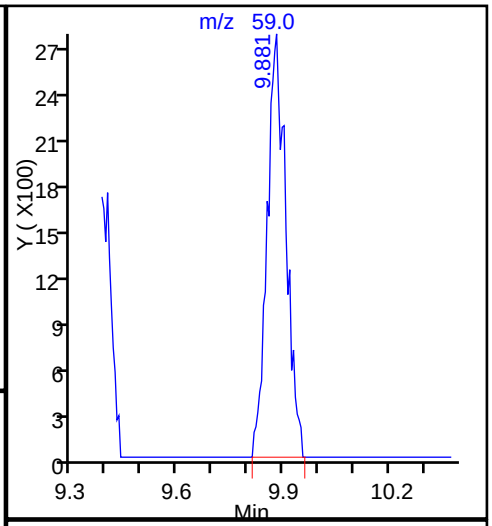


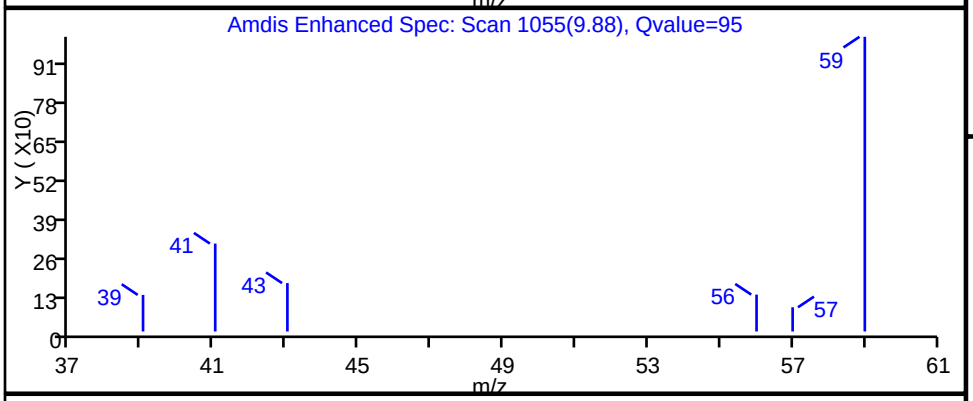
TestAmerica Burlington

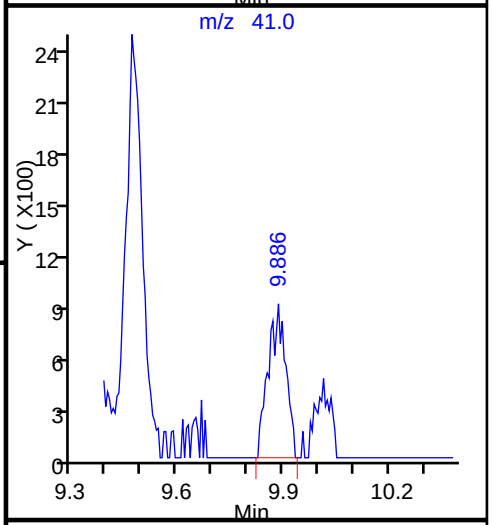
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d				
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

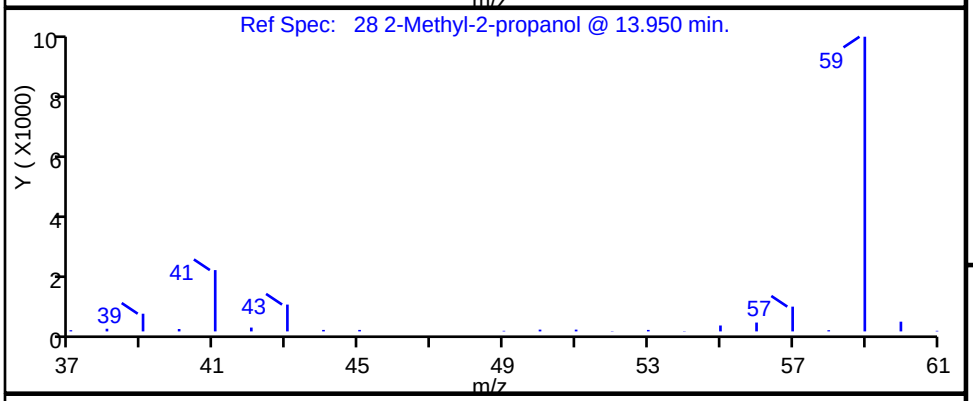
28 2-Methyl-2-propanol, CAS: 75-65-0

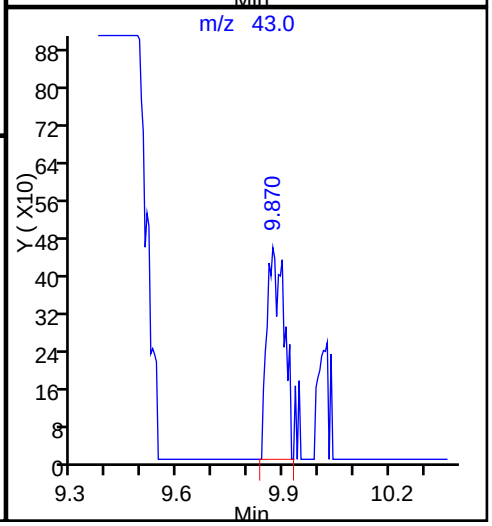


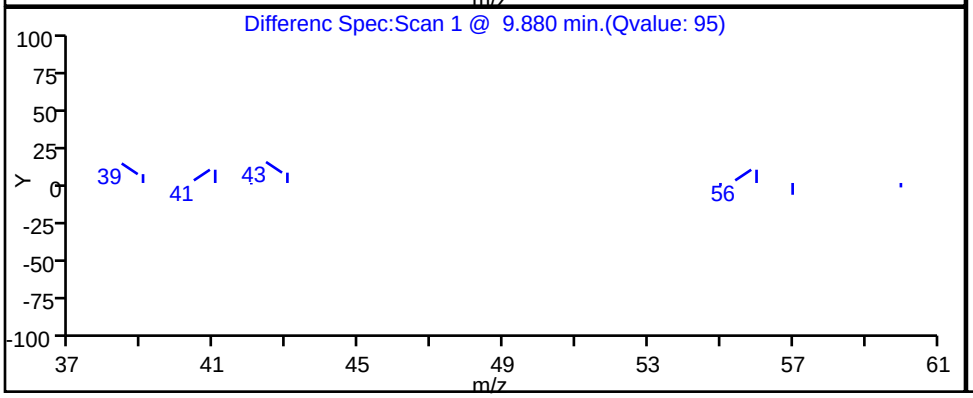












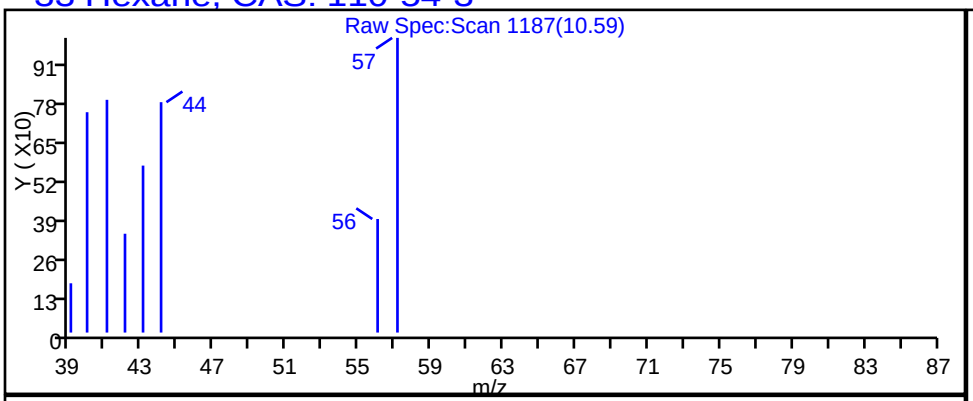
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

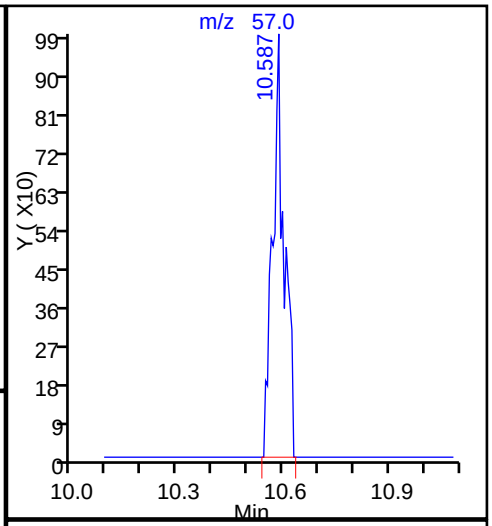
TestAmerica Burlington

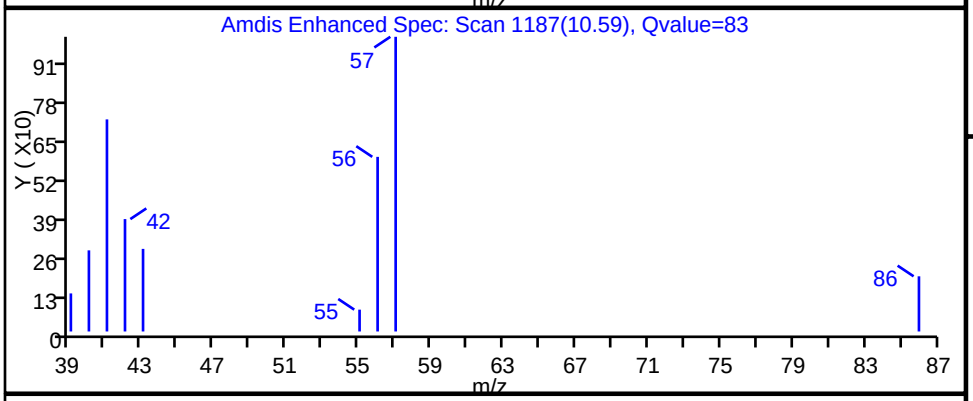
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

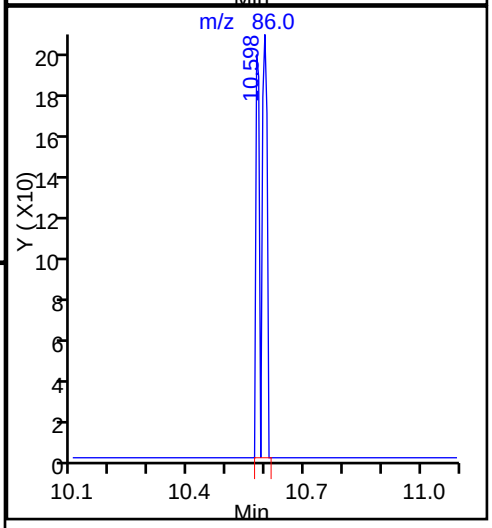
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

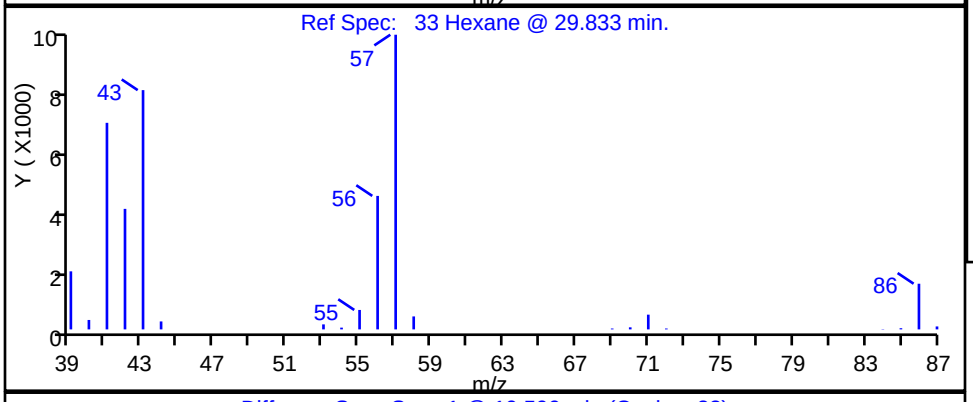
33 Hexane, CAS: 110-54-3

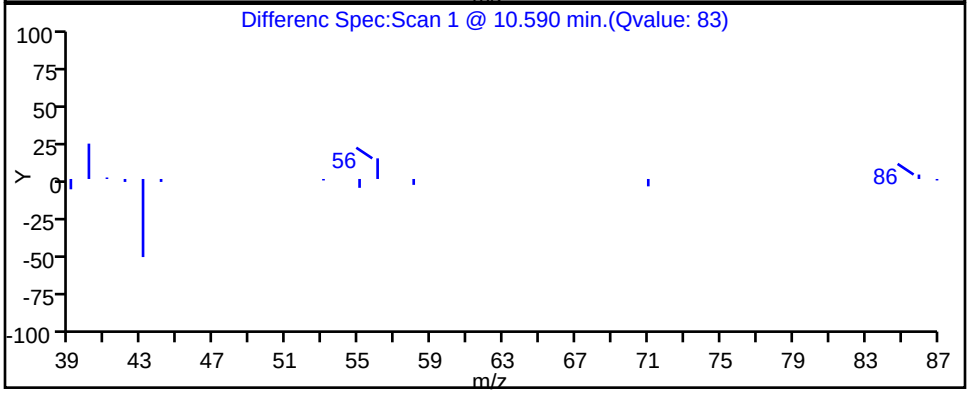












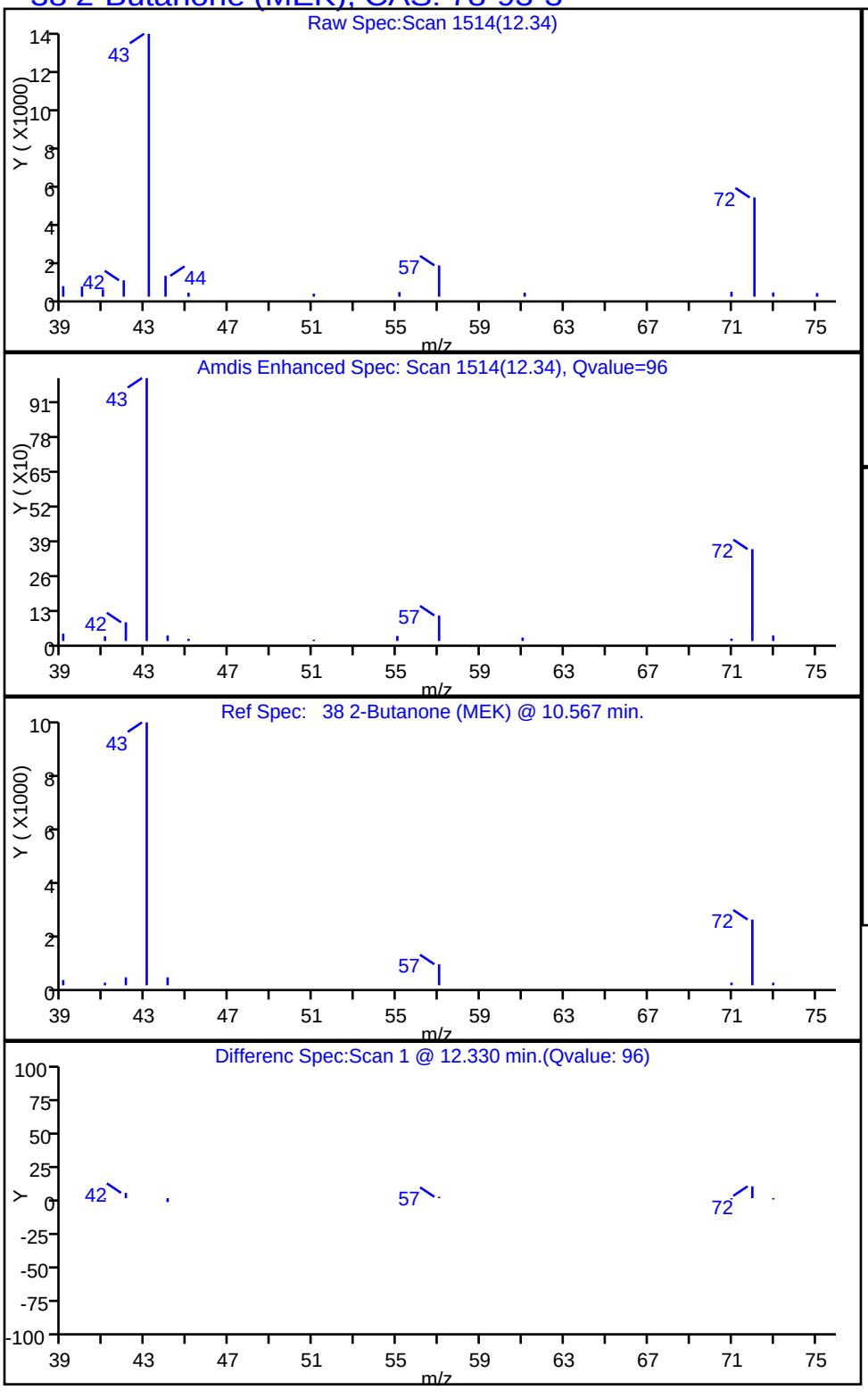
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

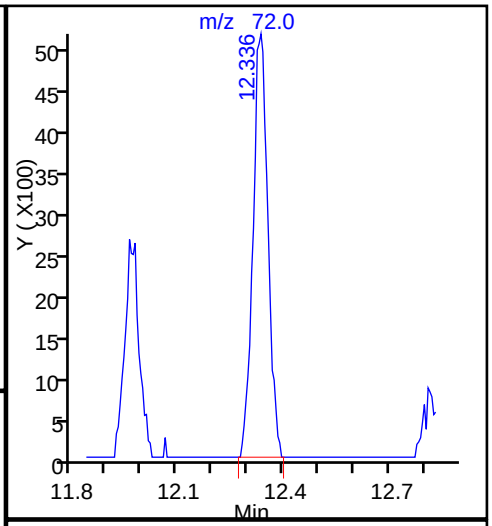
TestAmerica Burlington

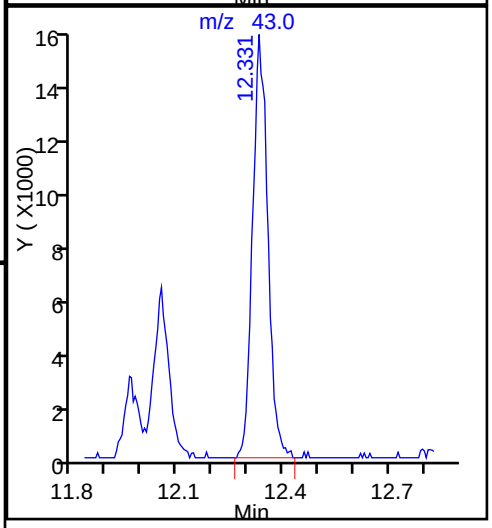
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

38 2-Butanone (MEK), CAS: 78-93-3





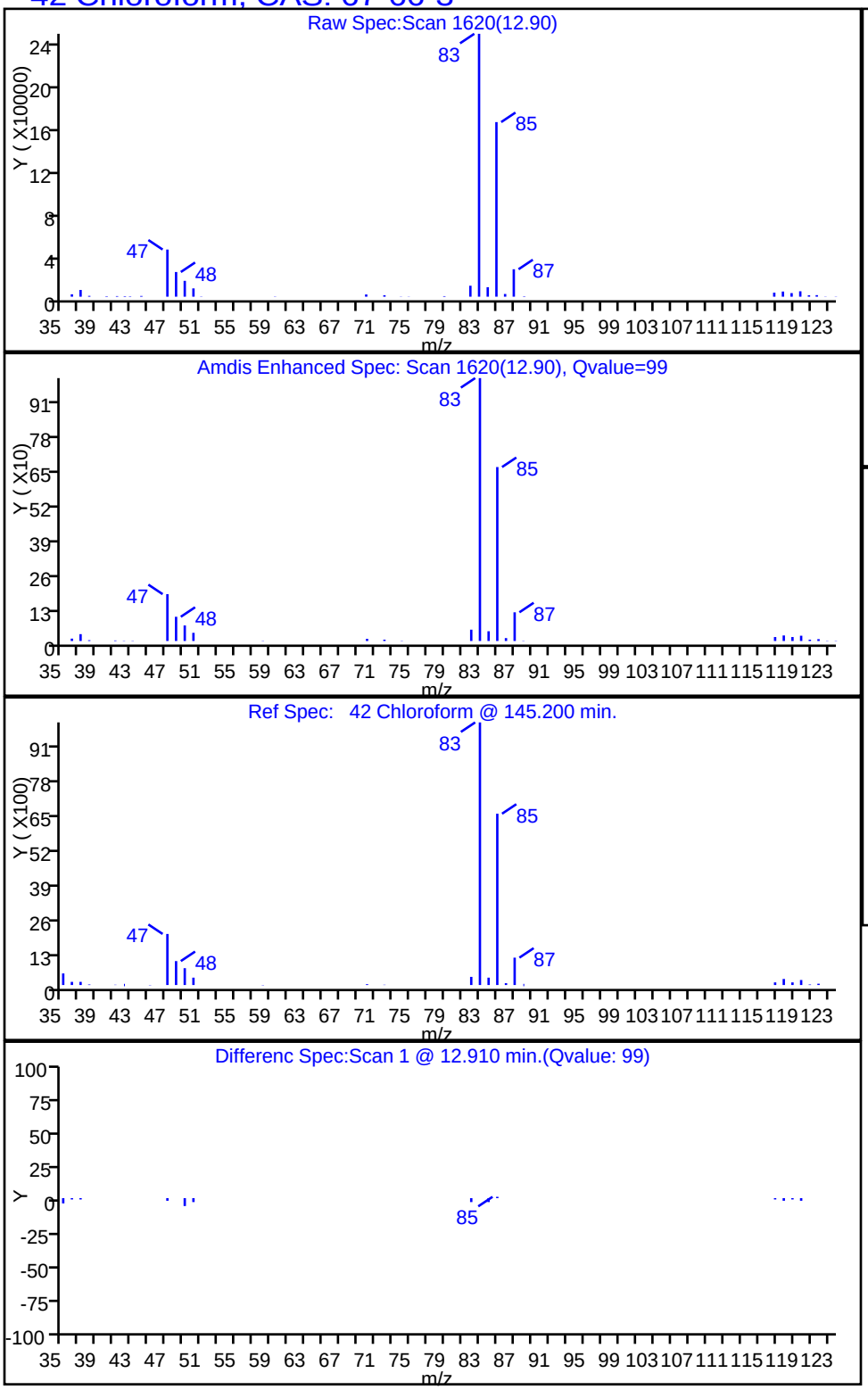


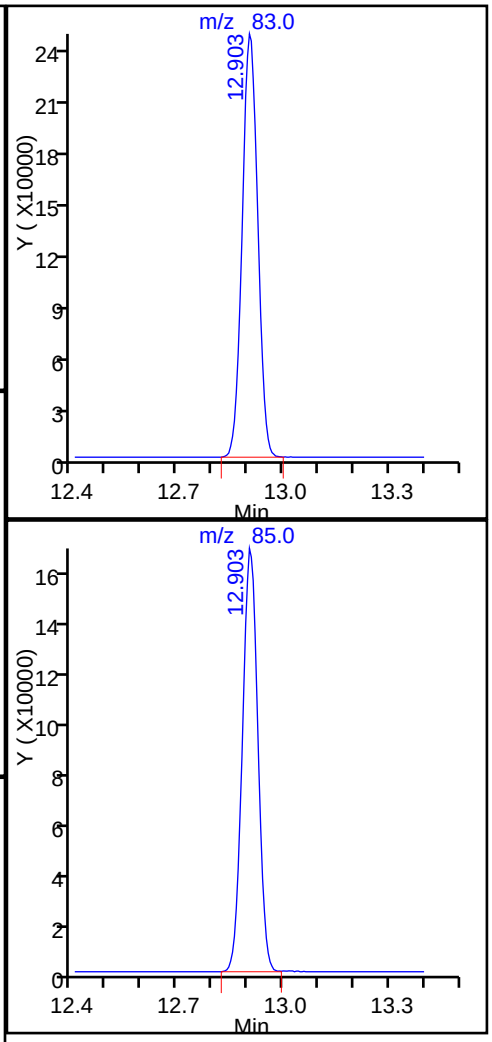
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d				
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Chloroform, CAS: 67-66-3





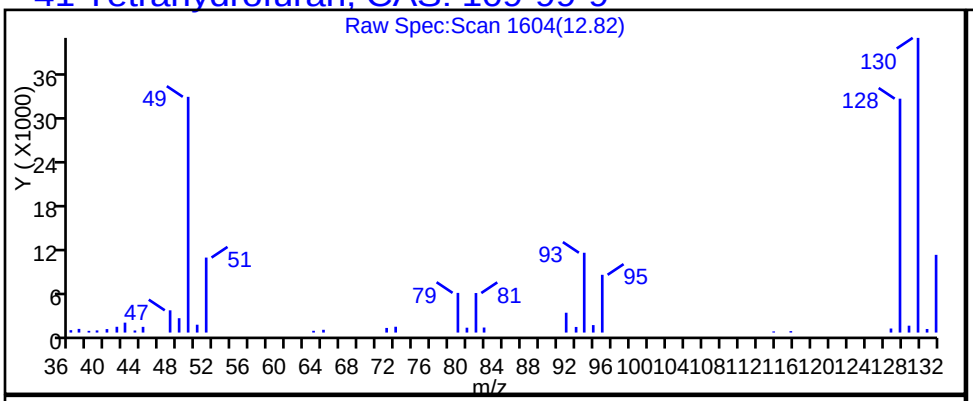
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

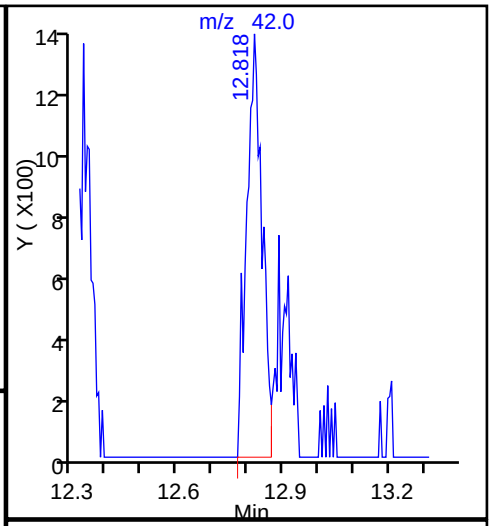
TestAmerica Burlington

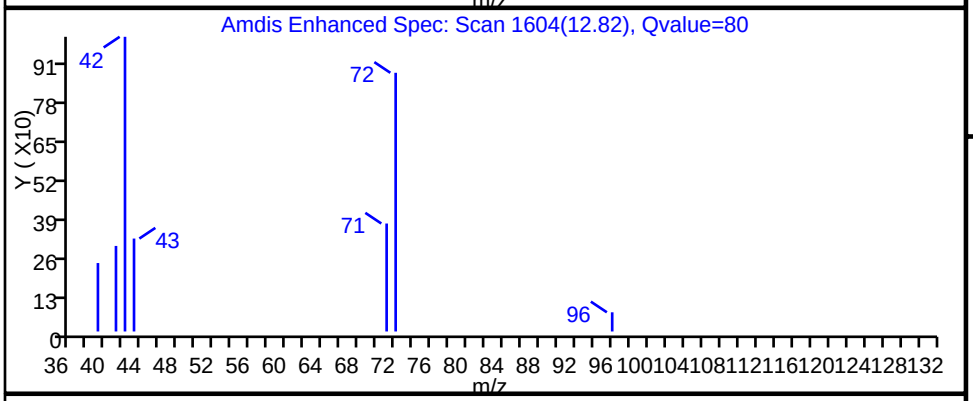
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

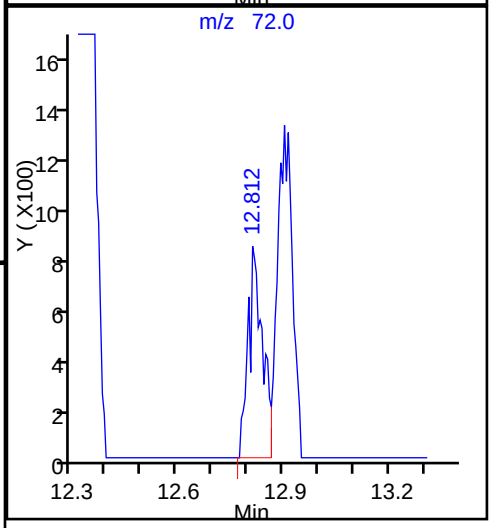
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

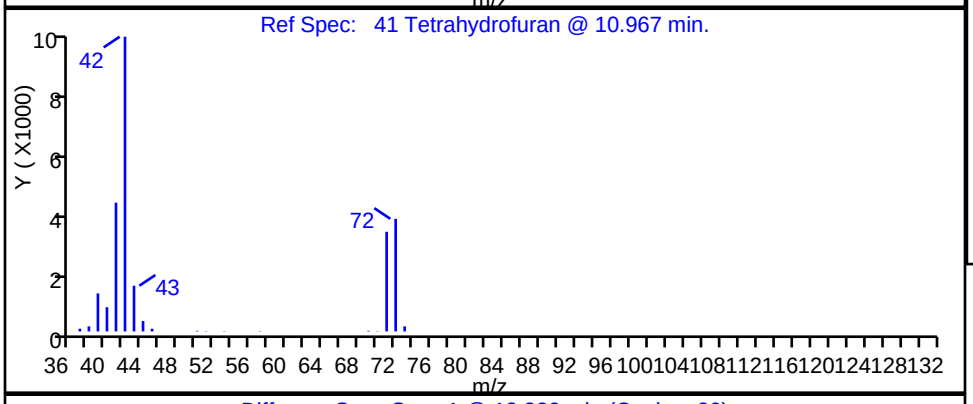
41 Tetrahydrofuran, CAS: 109-99-9

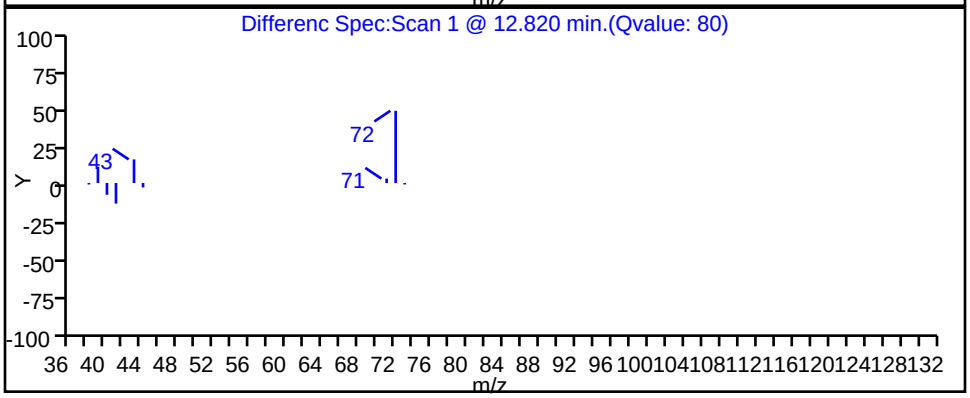












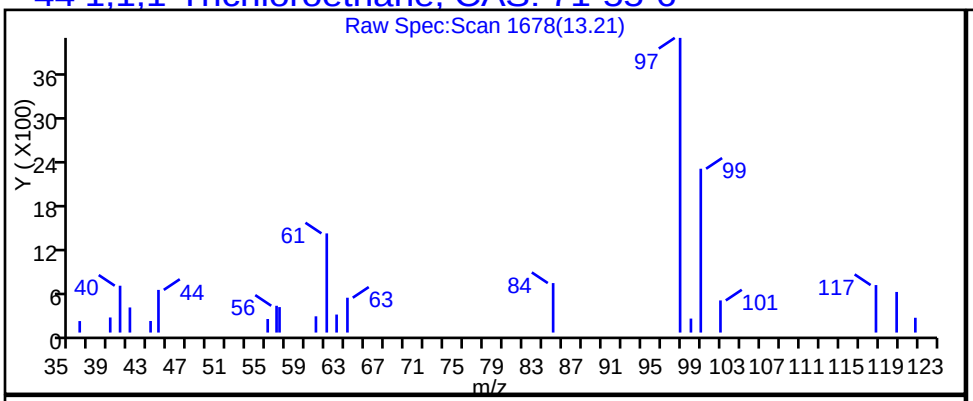
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

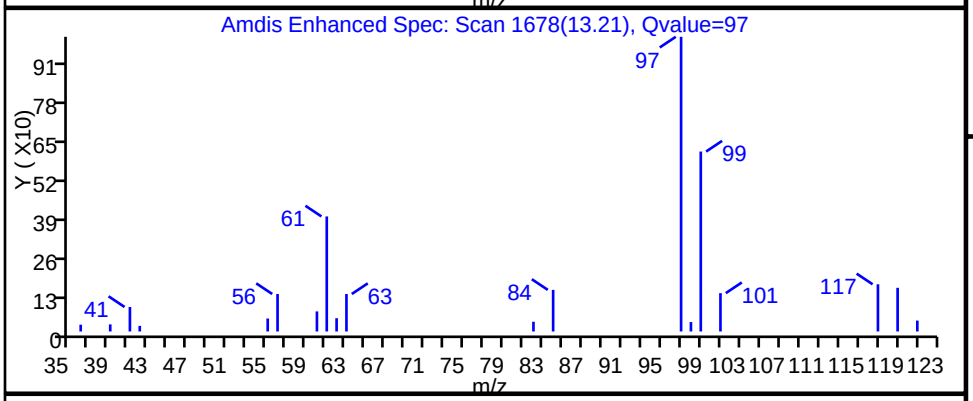
TestAmerica Burlington

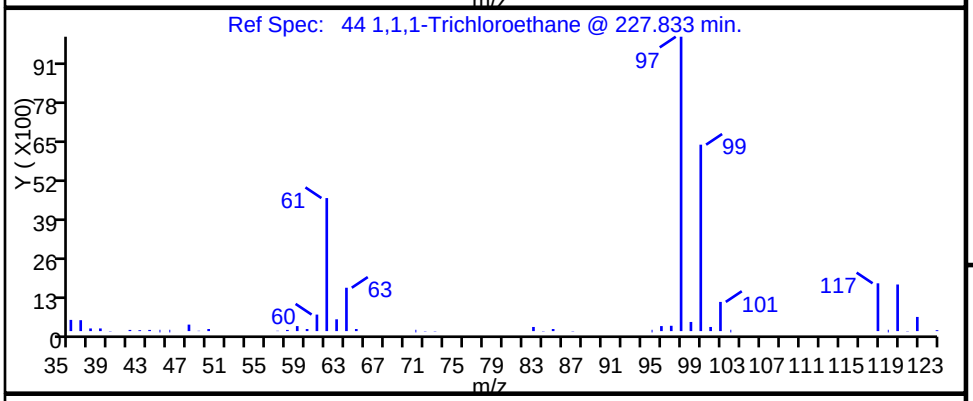
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

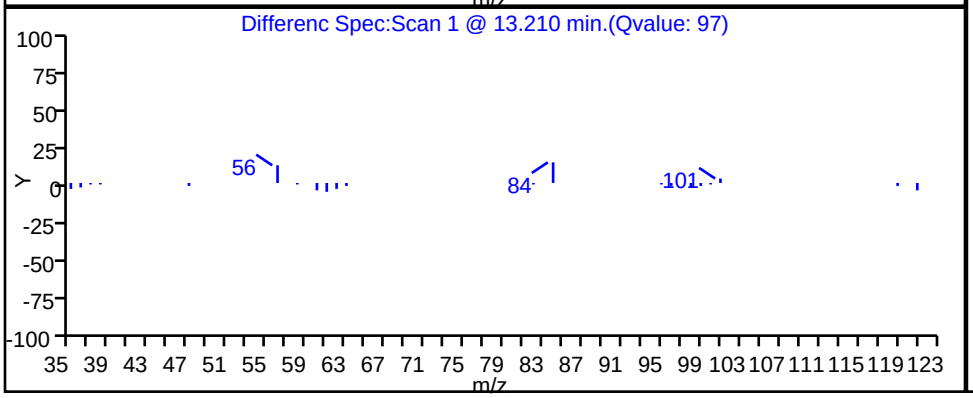
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

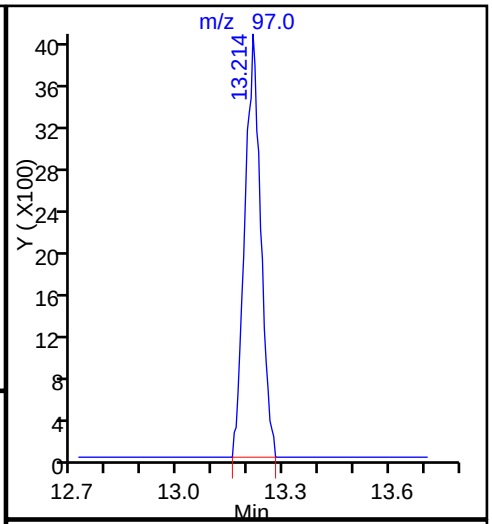
44 1,1,1-Trichloroethane, CAS: 71-55-6

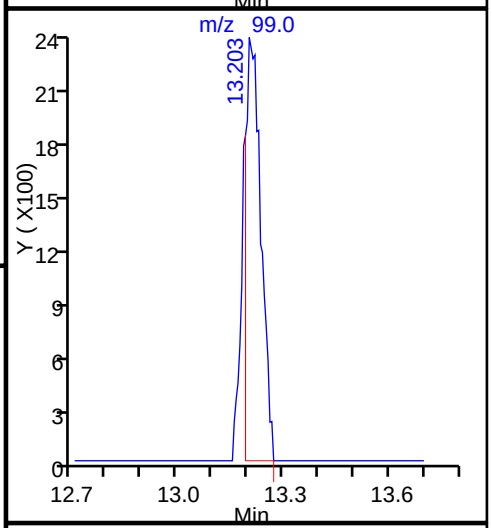


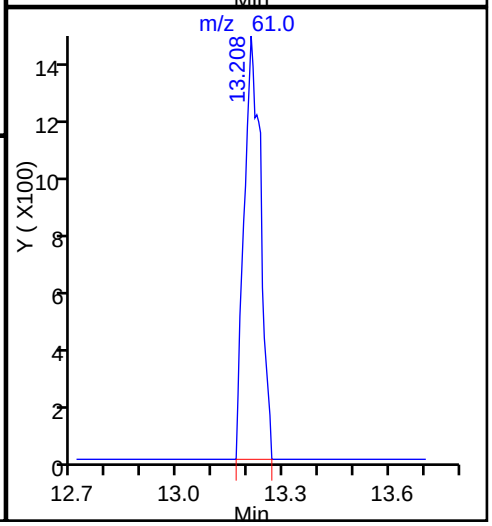












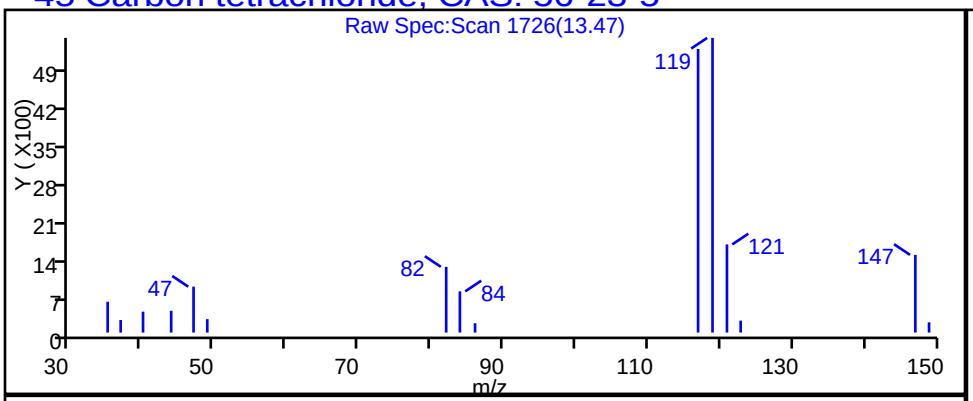
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

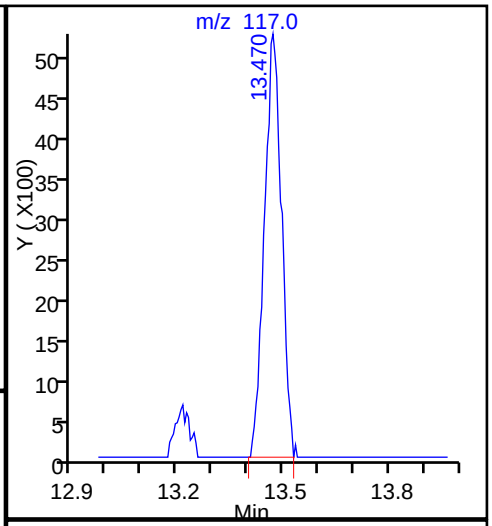
TestAmerica Burlington

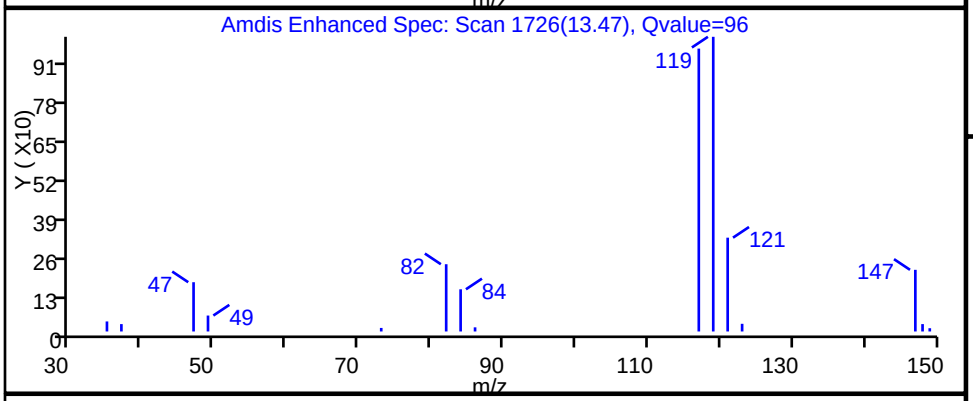
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

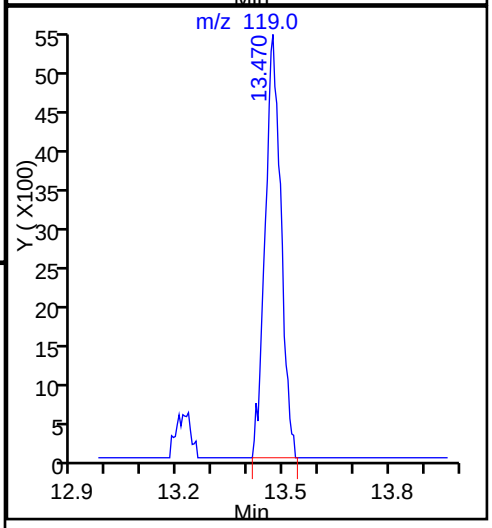
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

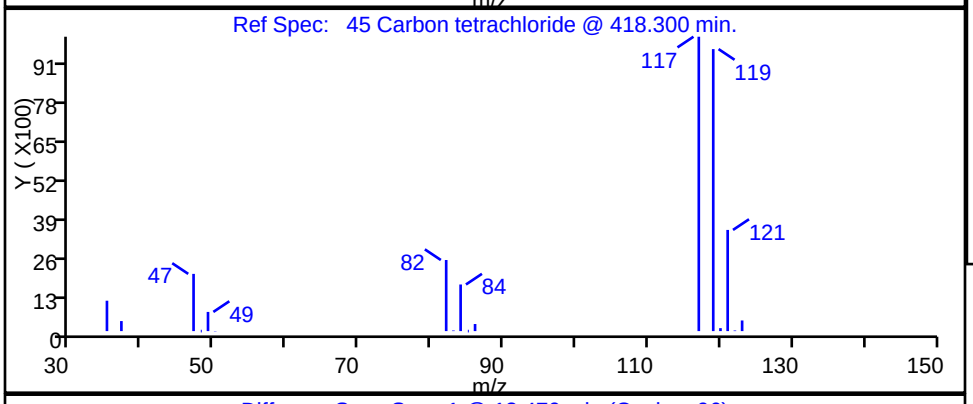
45 Carbon tetrachloride, CAS: 56-23-5

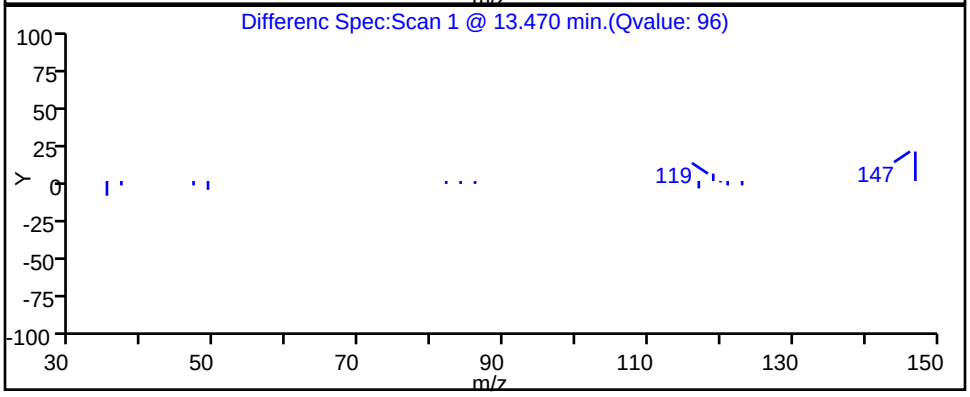












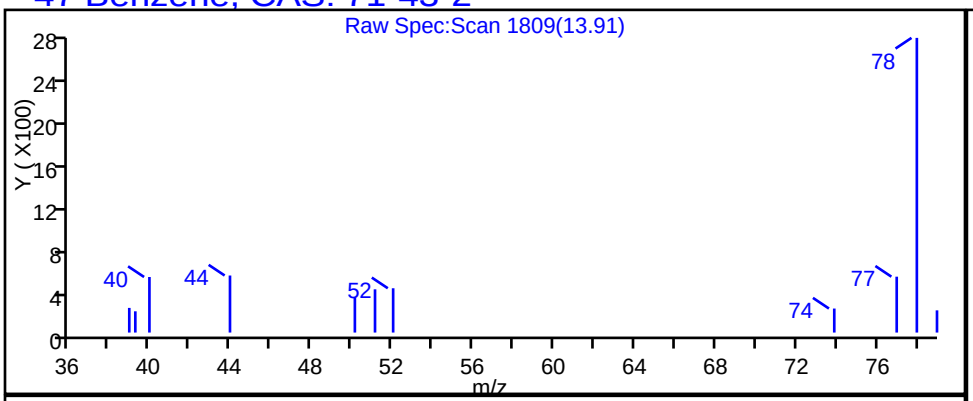
Report Date: 30-Jan-2015 11:21:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

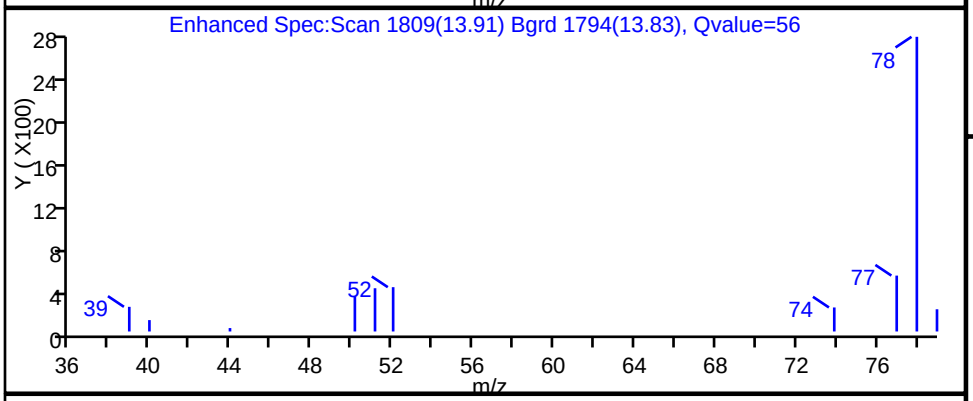
TestAmerica Burlington

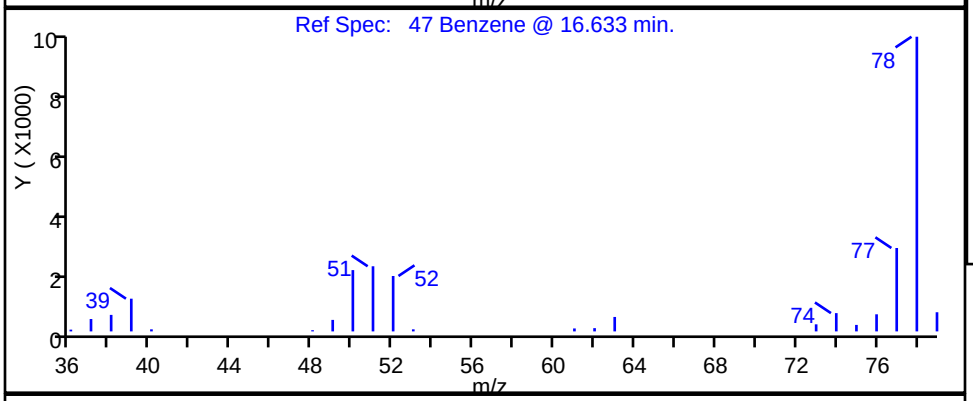
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

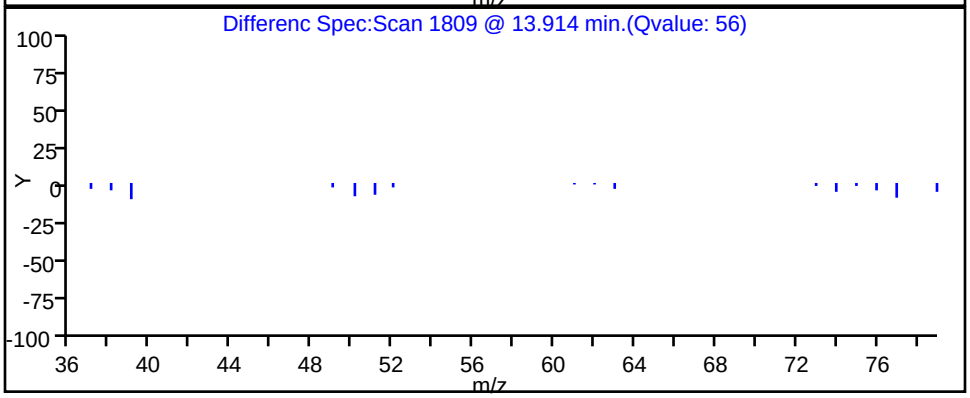
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

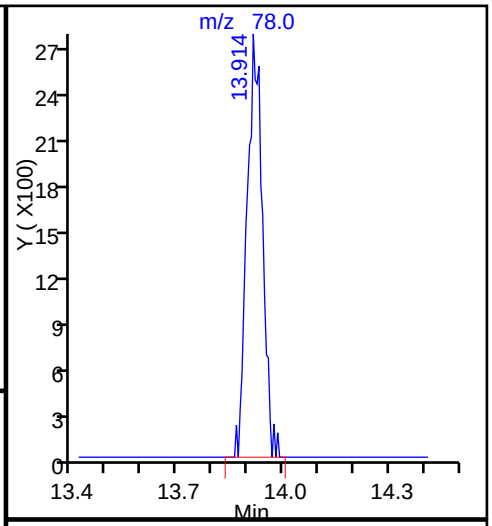
47 Benzene, CAS: 71-43-2

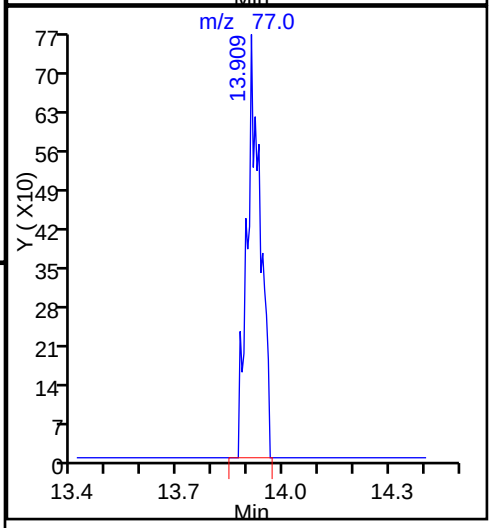












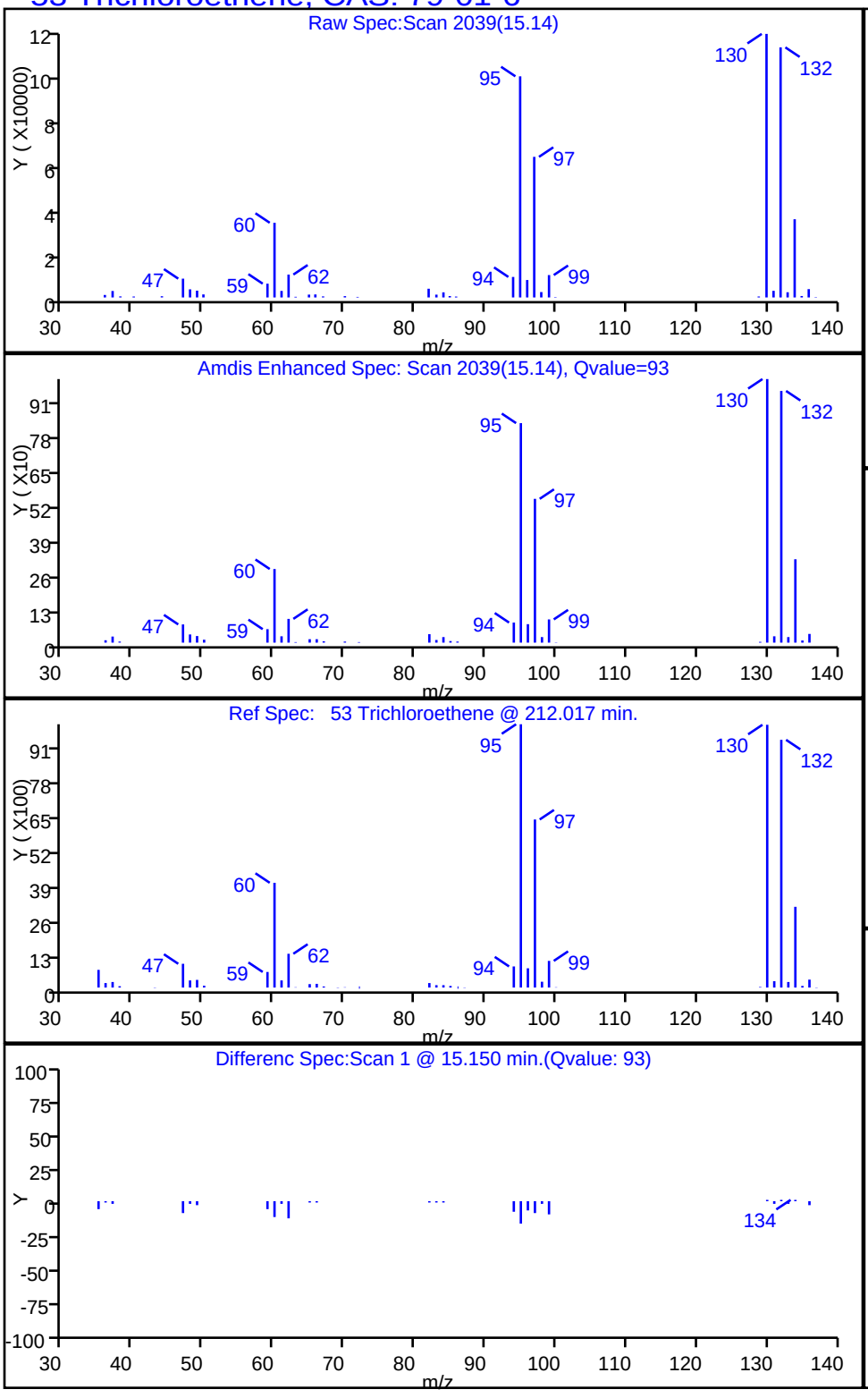
Report Date: 30-Jan-2015 11:21:54 Chrom Revision: 2.2 15-Jan-2015 13:05:58

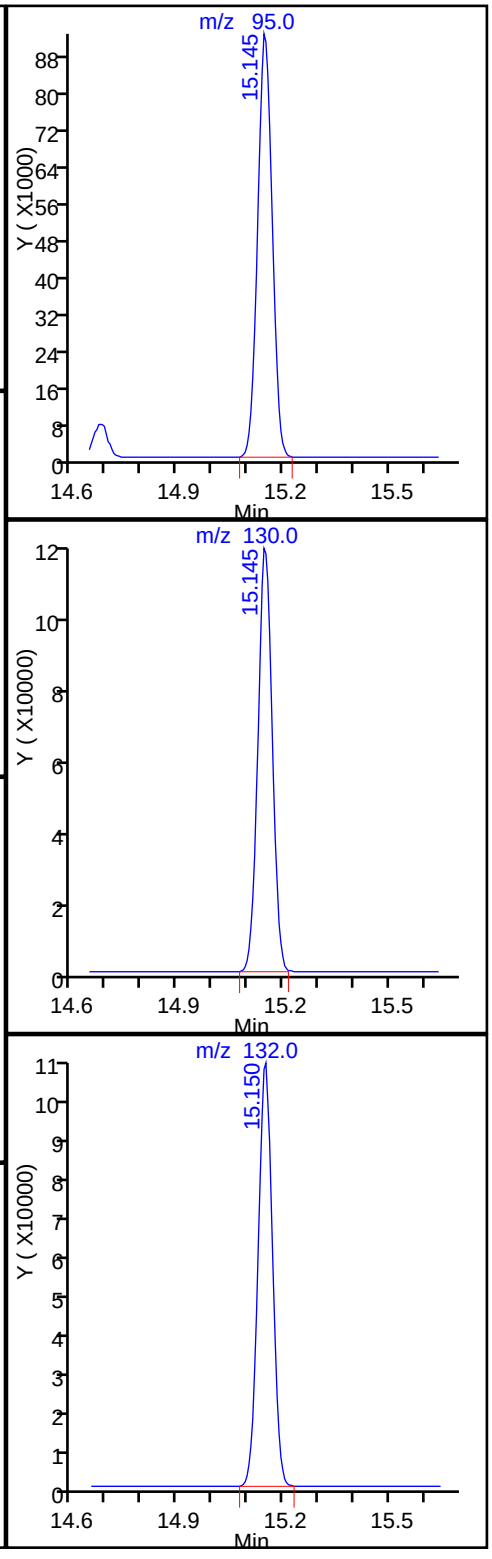
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10
Client ID:	101CA01FA		
Operator ID:	bpl	ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

53 Trichloroethene, CAS: 79-01-6





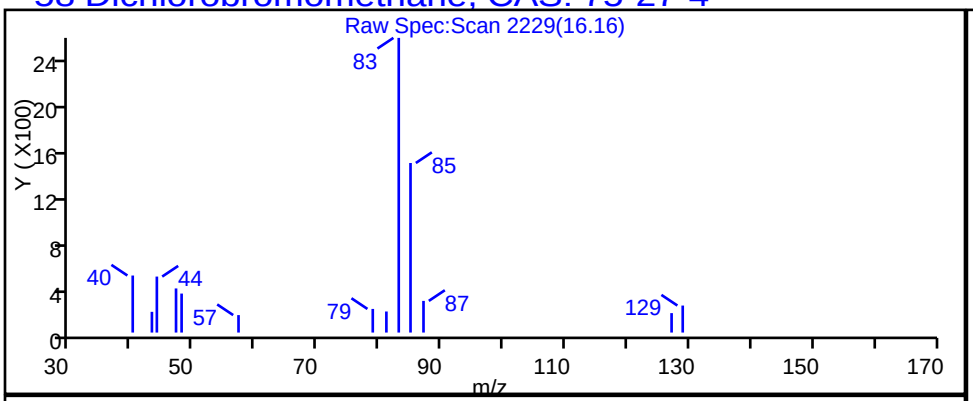
Report Date: 30-Jan-2015 11:21:54 Chrom Revision: 2.2 15-Jan-2015 13:05:58

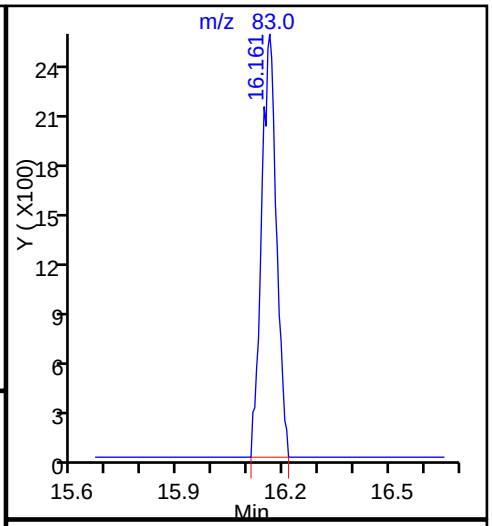
TestAmerica Burlington

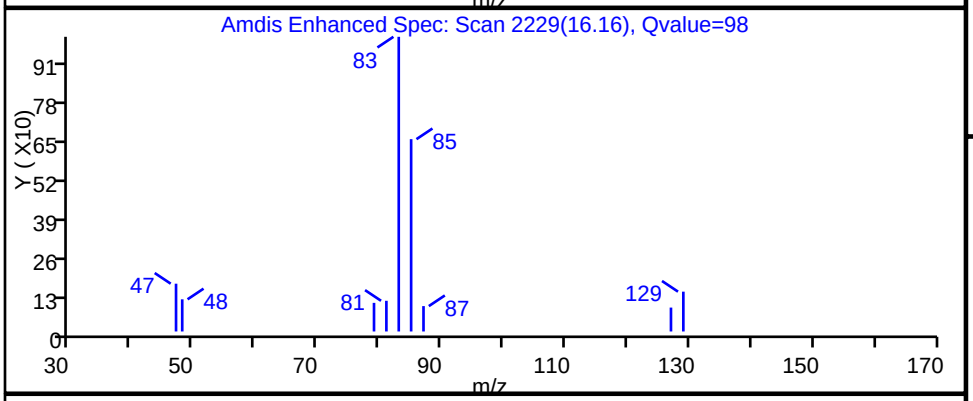
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

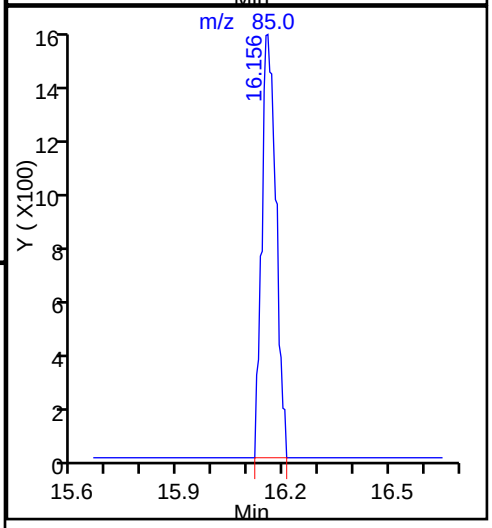
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

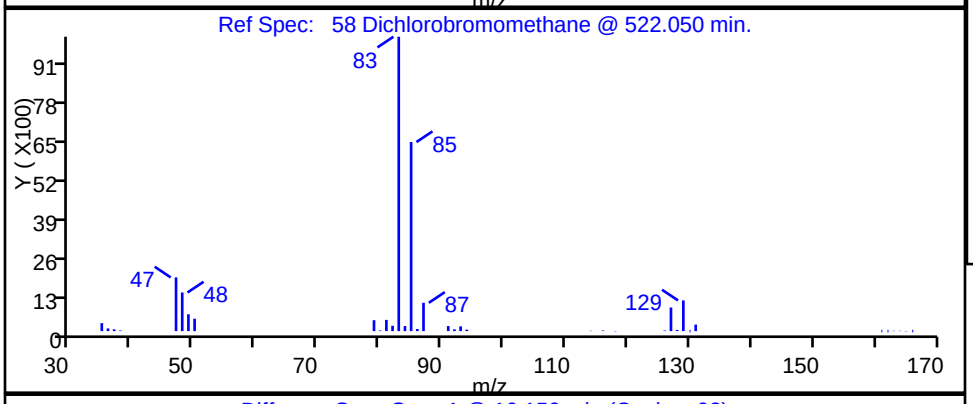
58 Dichlorobromomethane, CAS: 75-27-4

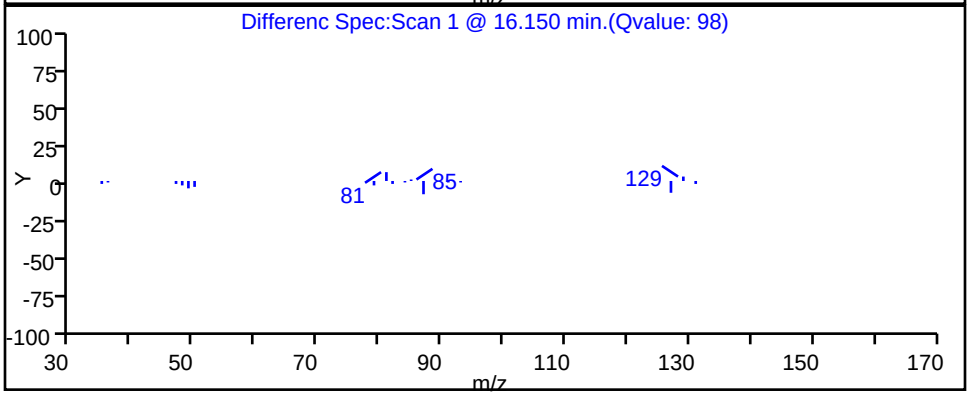












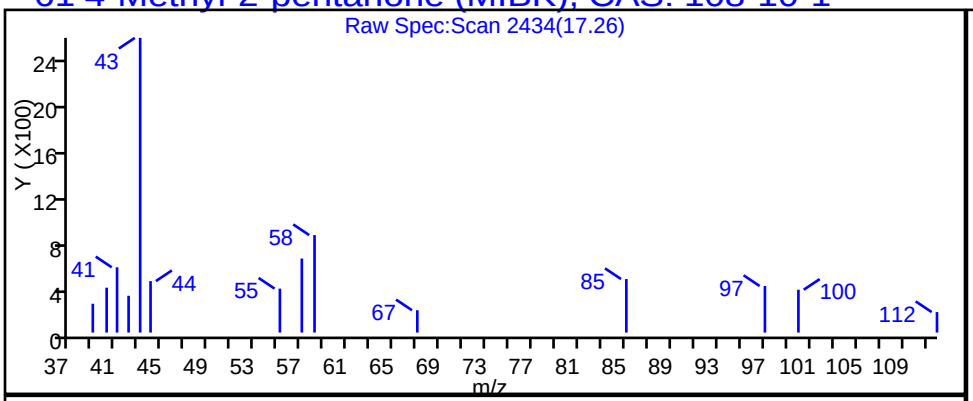
Report Date: 30-Jan-2015 11:21:54 Chrom Revision: 2.2 15-Jan-2015 13:05:58

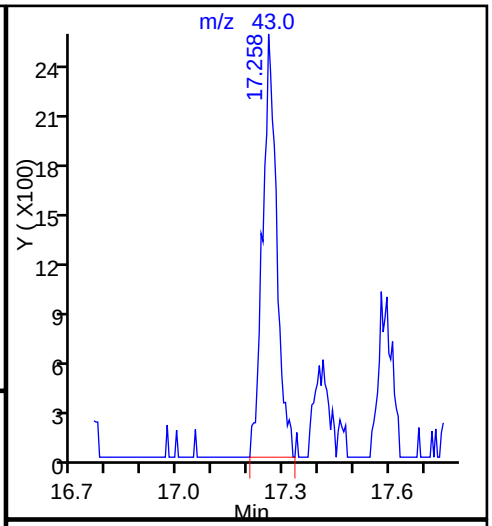
TestAmerica Burlington

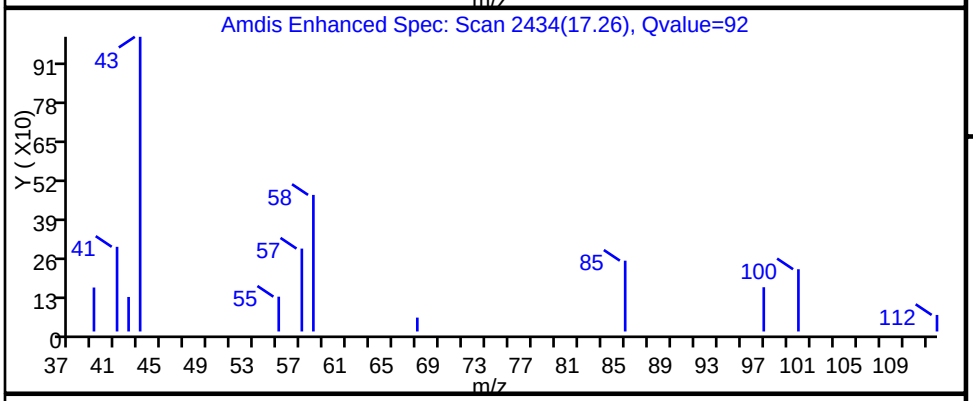
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

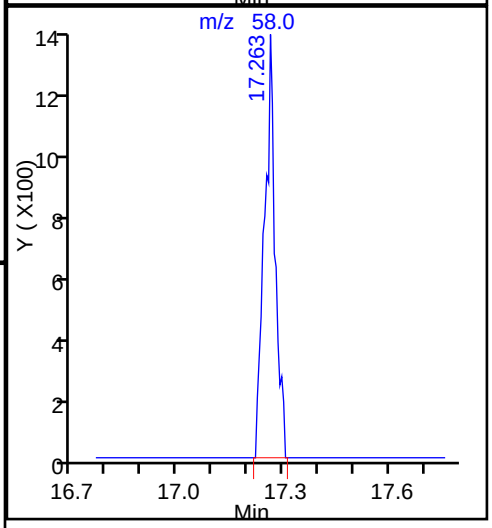
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

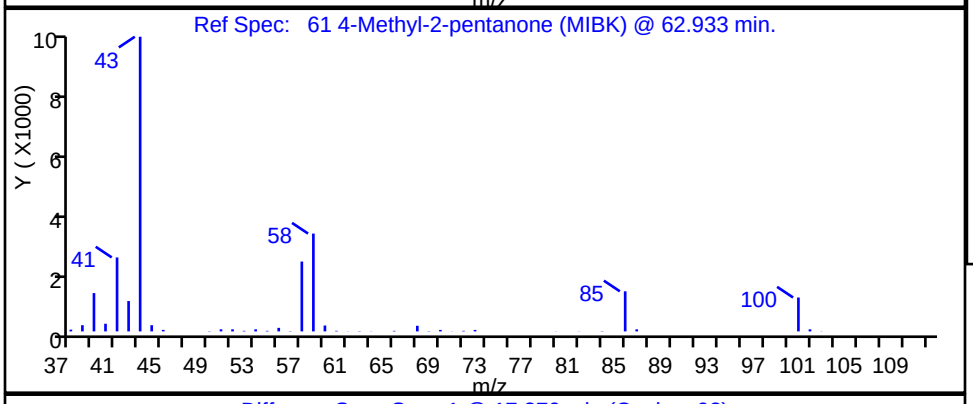
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

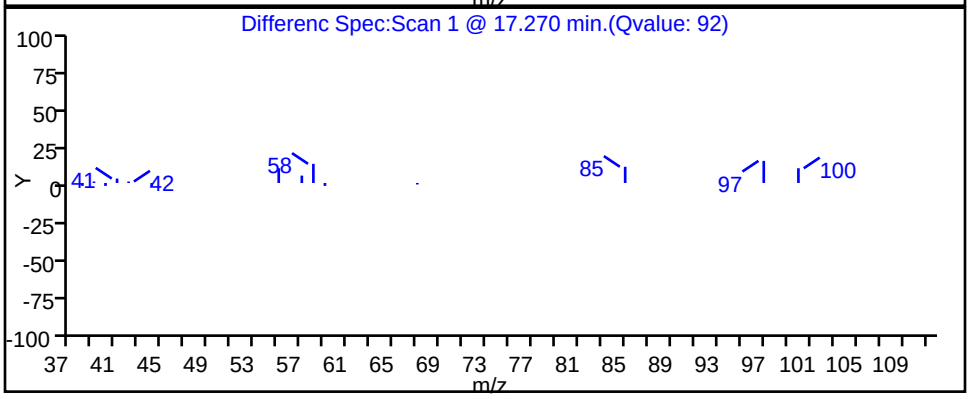












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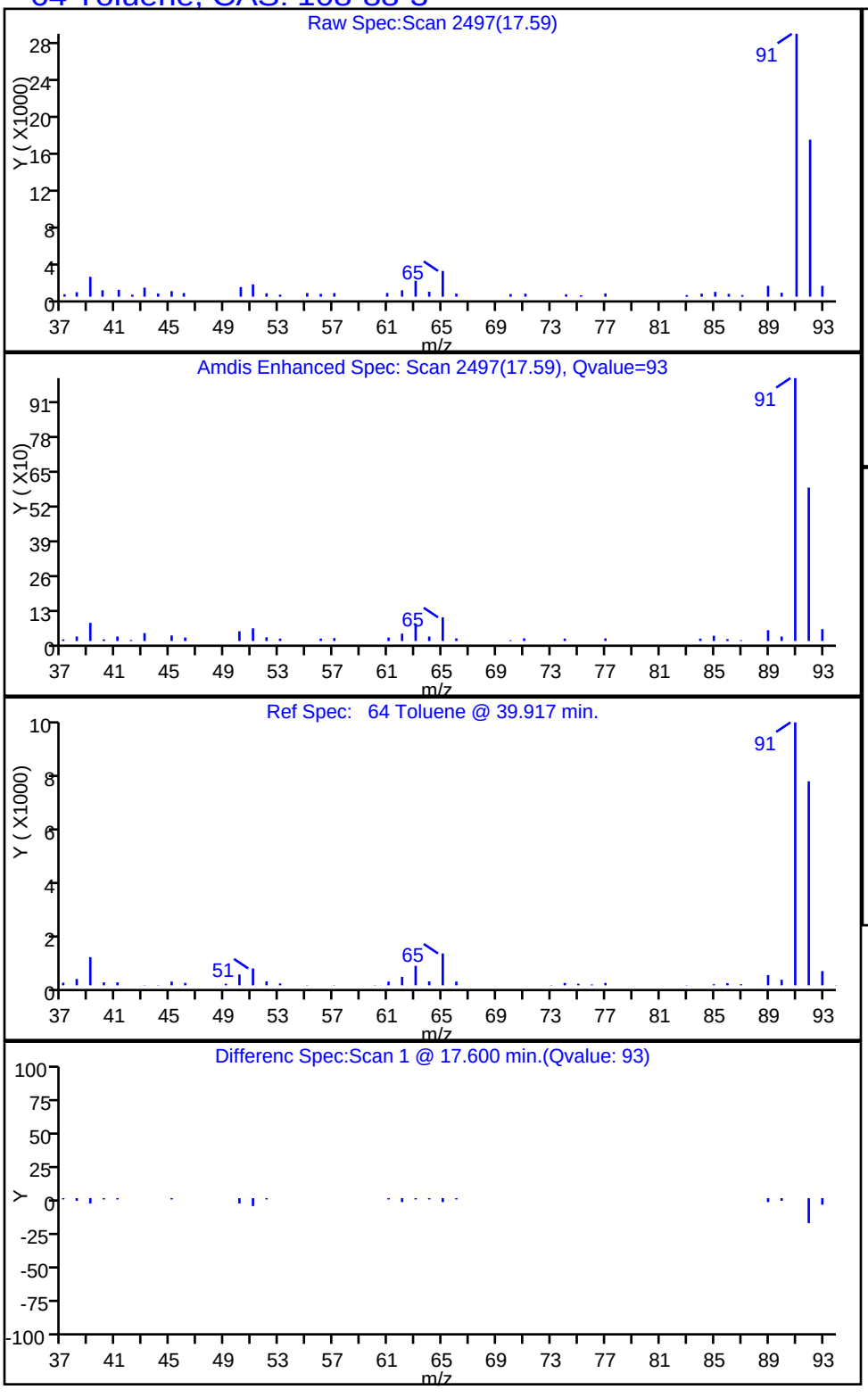
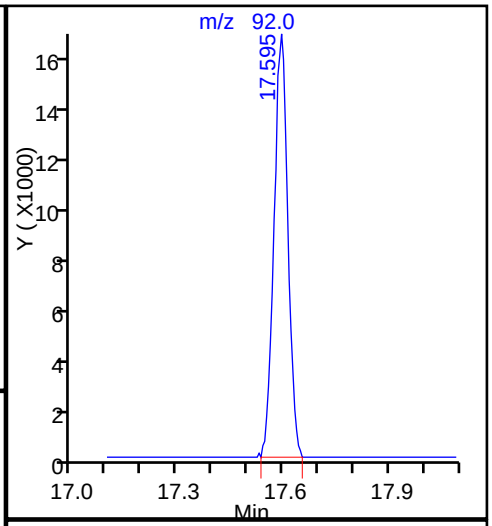
TestAmerica Burlington

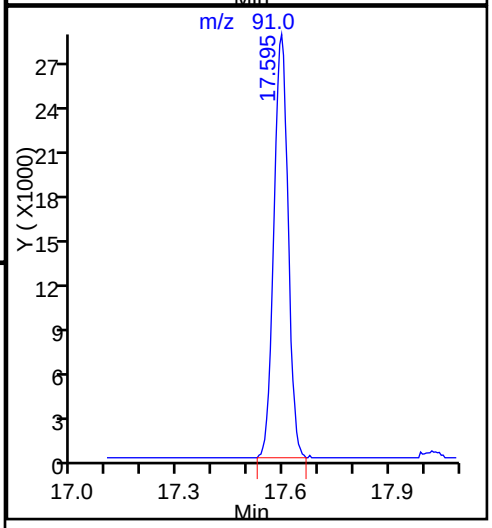
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

64 Toluene, CAS: 108-88-3







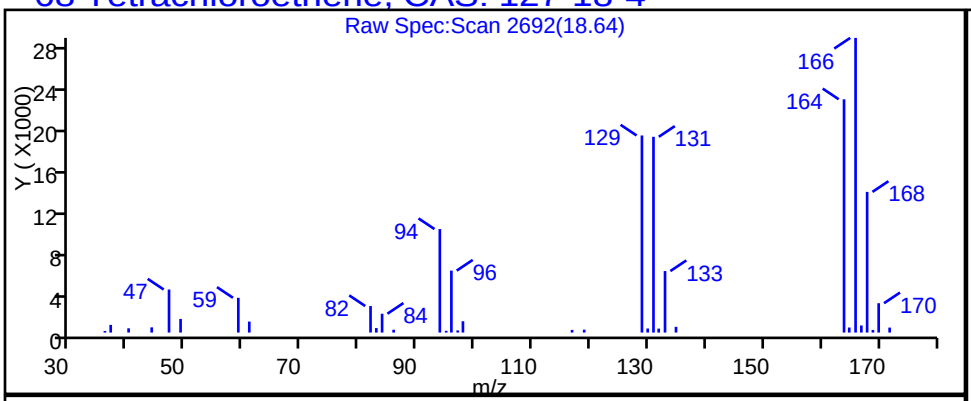
Report Date: 30-Jan-2015 11:21:54 Chrom Revision: 2.2 15-Jan-2015 13:05:58

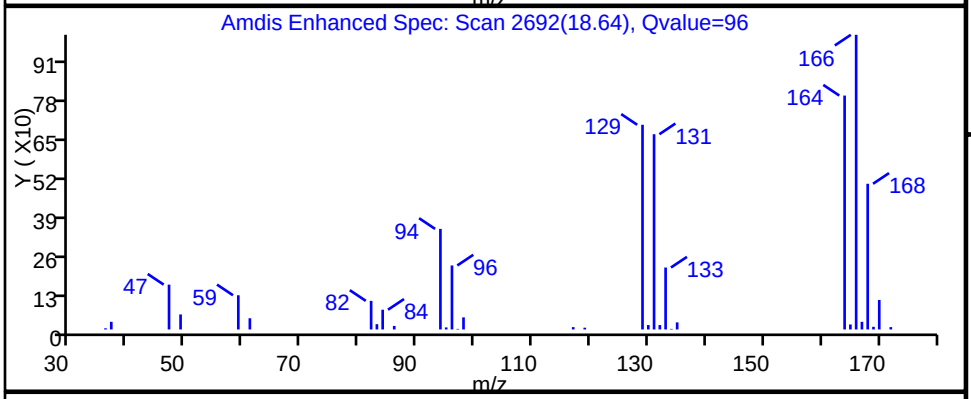
TestAmerica Burlington

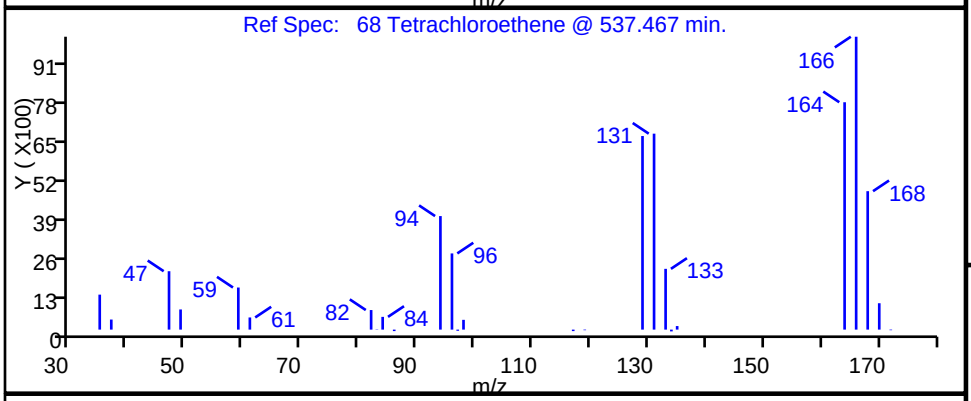
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

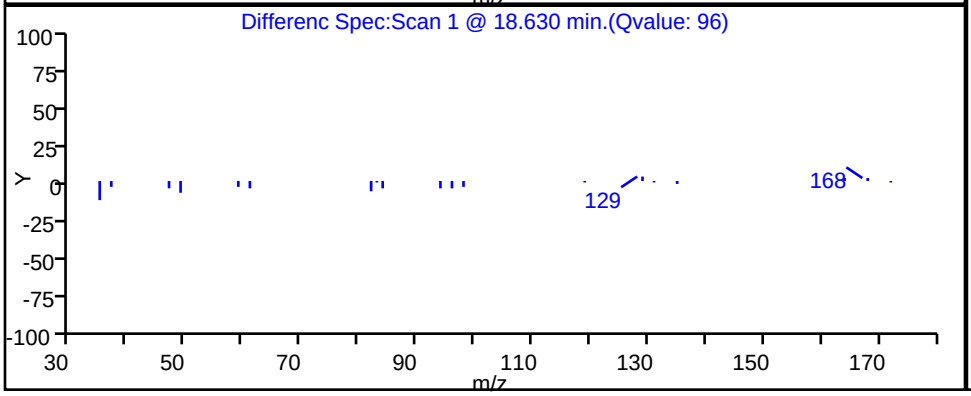
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10
Client ID:	101CA01FA		
Operator ID:	bpl	ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

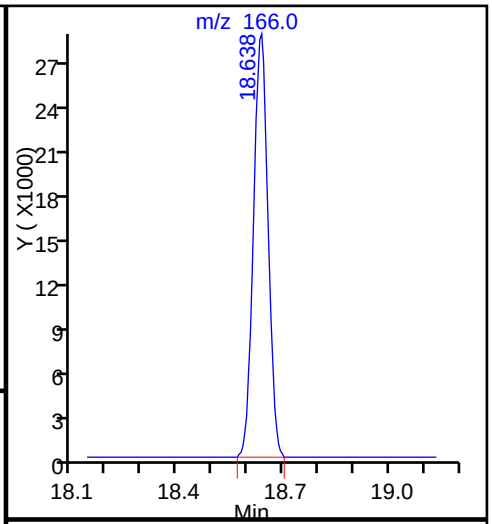
68 Tetrachloroethene, CAS: 127-18-4

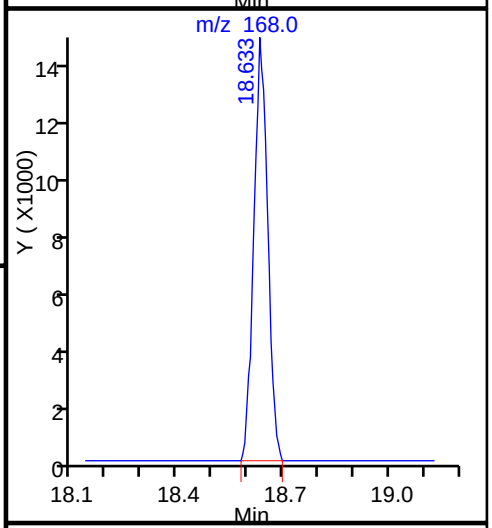


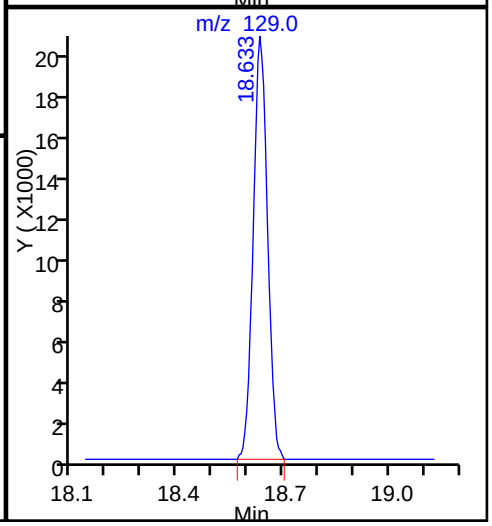












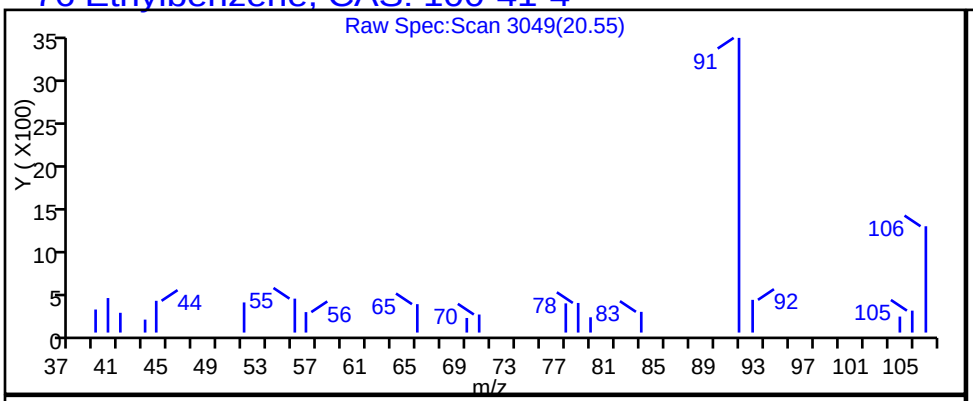
Report Date: 30-Jan-2015 11:21:54 Chrom Revision: 2.2 15-Jan-2015 13:05:58

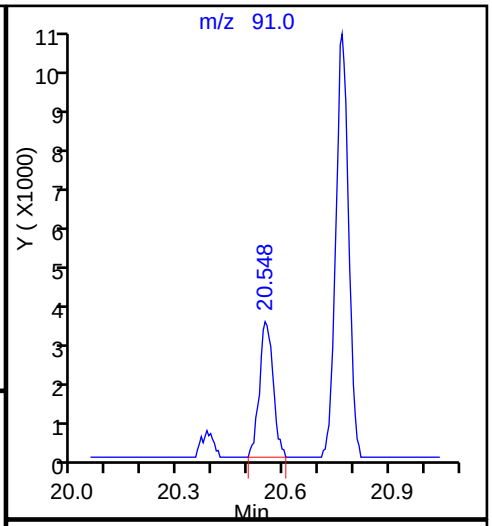
TestAmerica Burlington

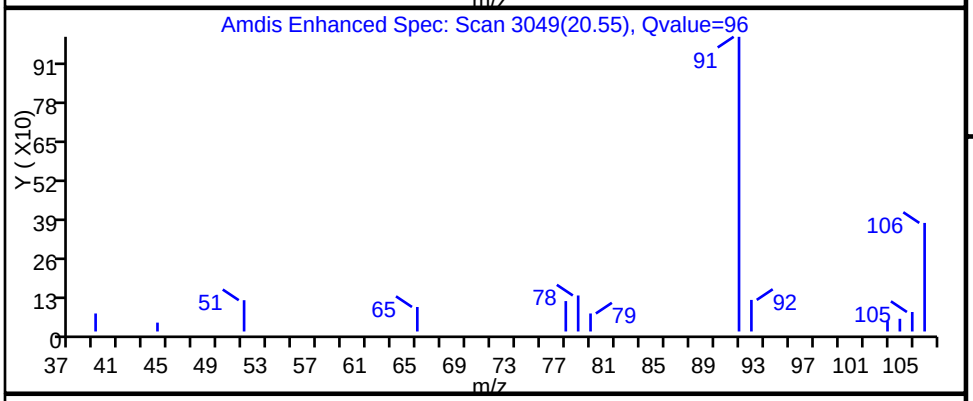
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

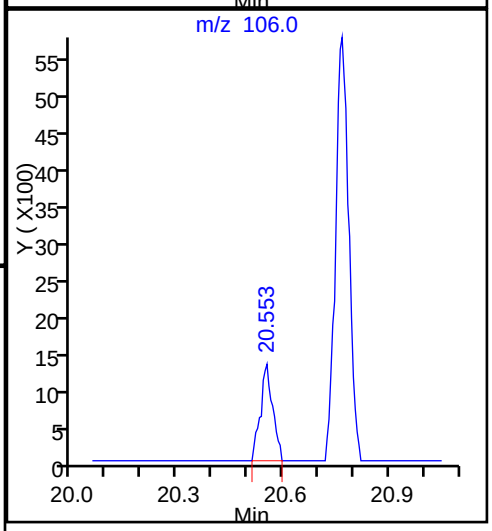
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

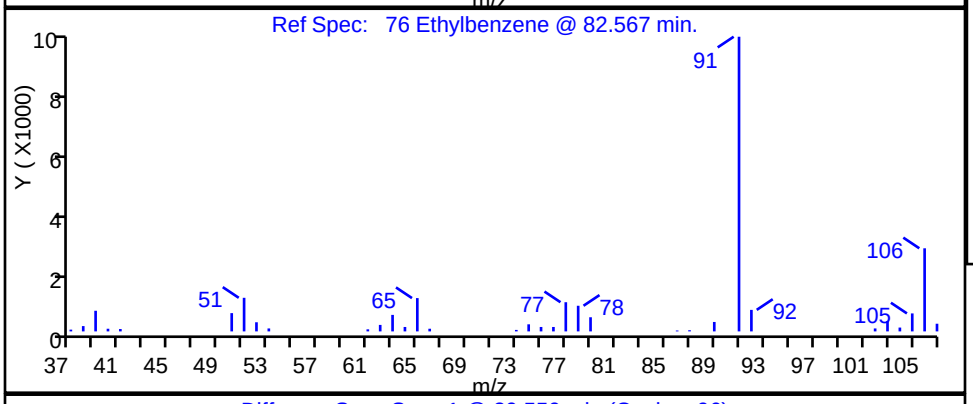
76 Ethylbenzene, CAS: 100-41-4

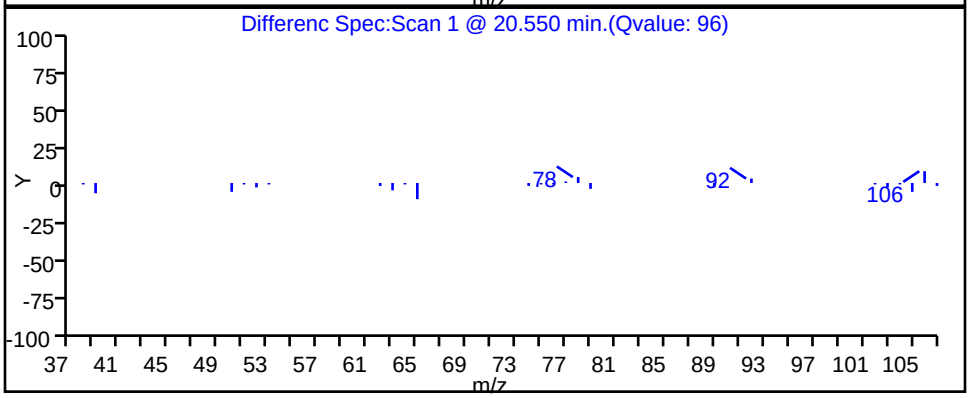












Report Date: 30-Jan-2015 11:21:54 Chrom Revision: 2.2 15-Jan-2015 13:05:58

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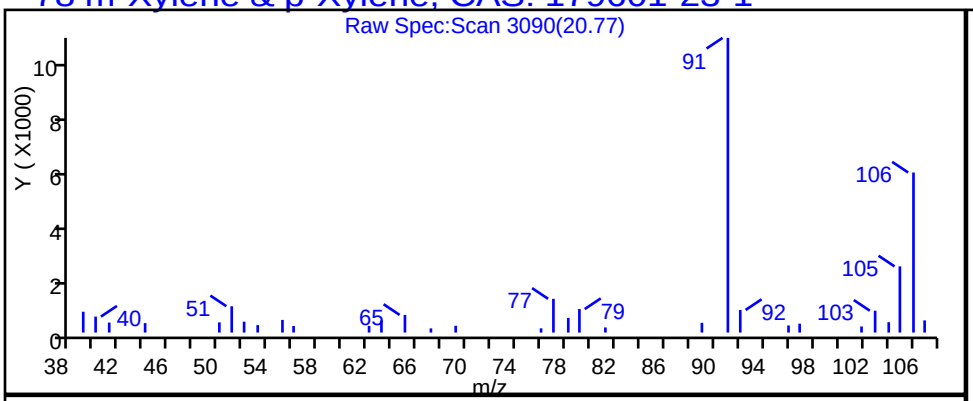
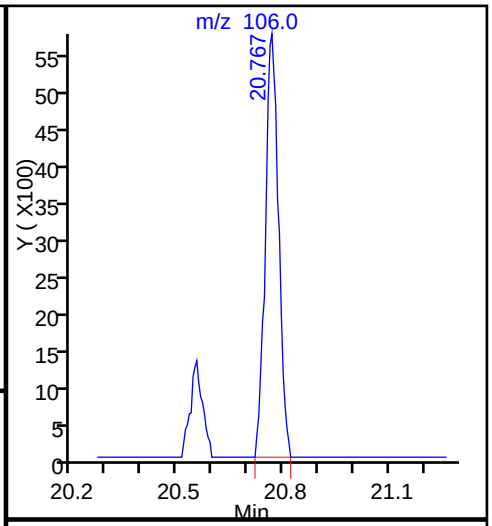
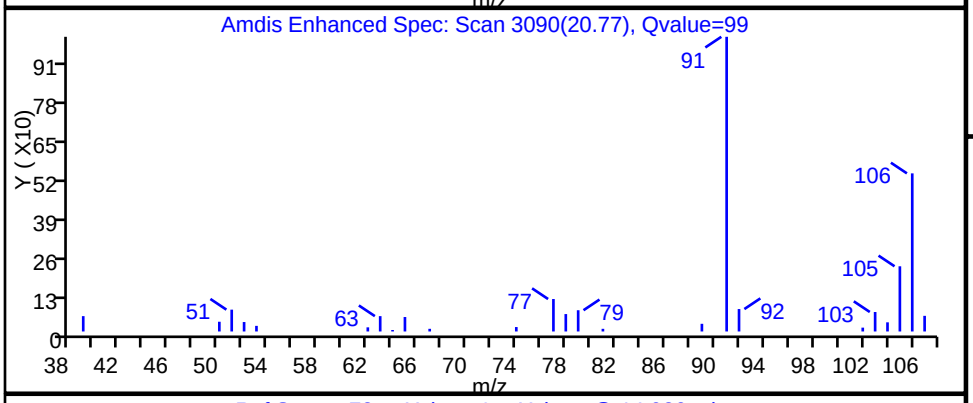
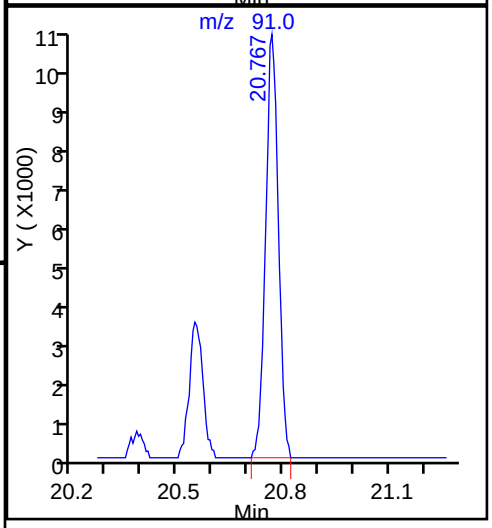
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d				
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

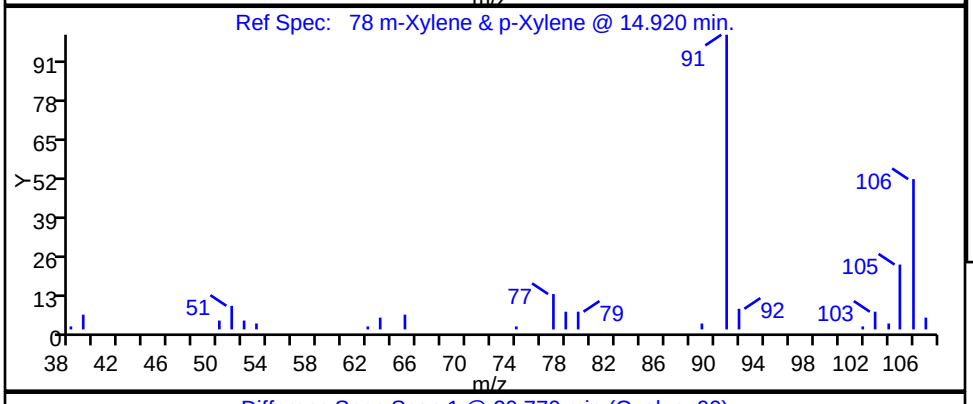
78 m-Xylene & p-Xylene, CAS: 179601-23-1

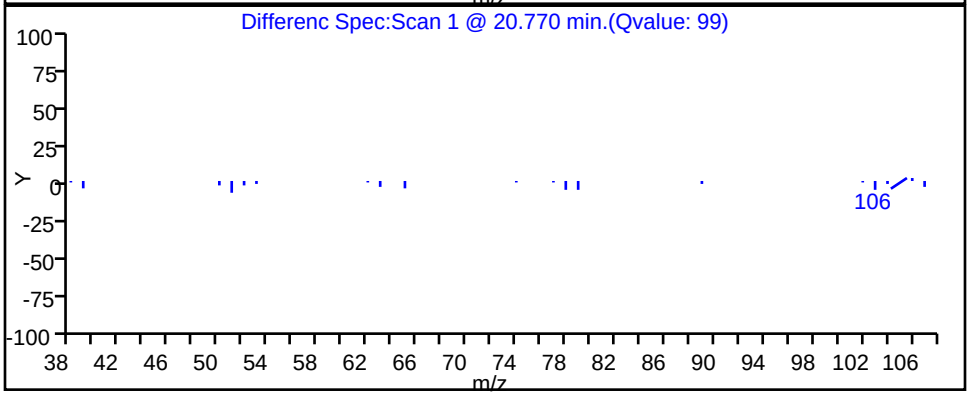












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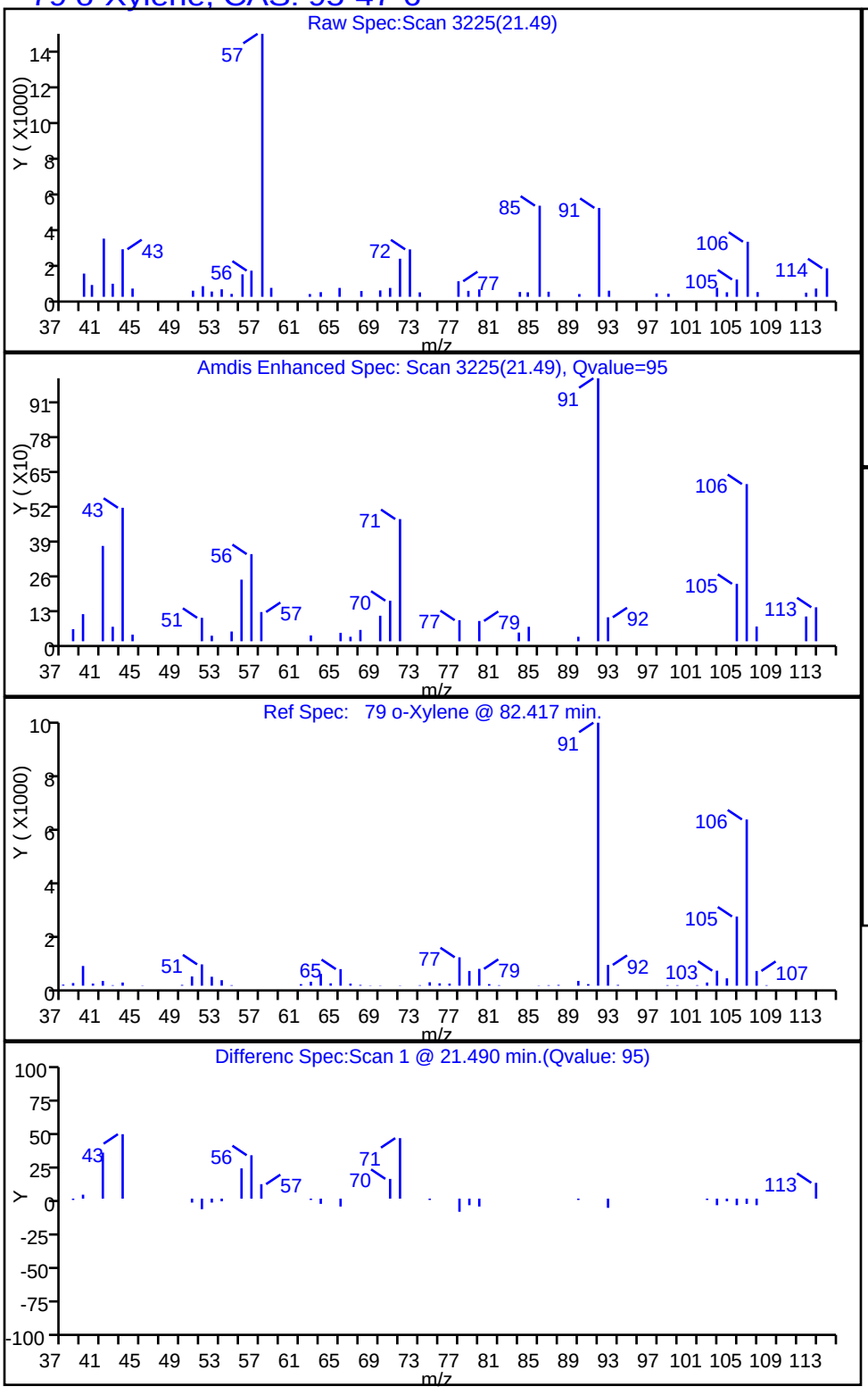
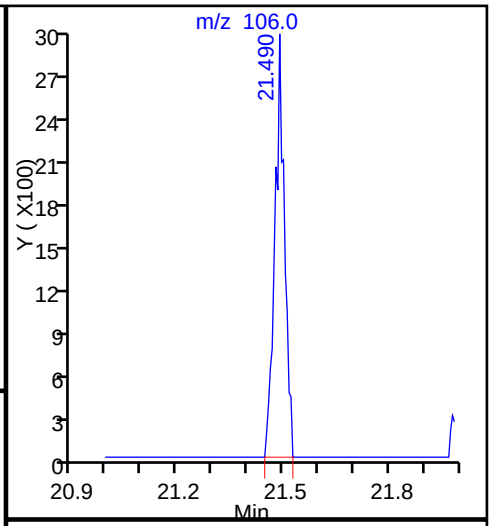
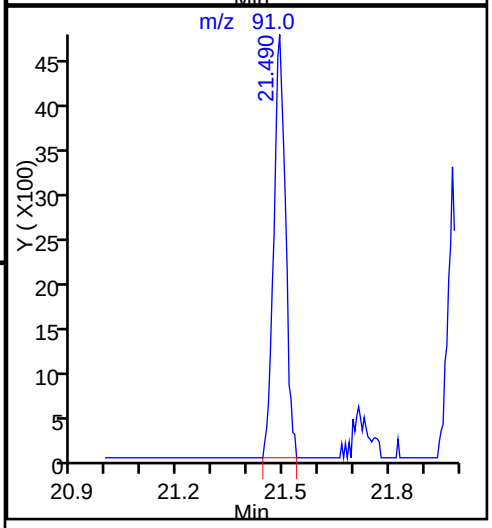
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d				
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 o-Xylene, CAS: 95-47-6







Report Date: 30-Jan-2015 11:21:54 Chrom Revision: 2.2 15-Jan-2015 13:05:58

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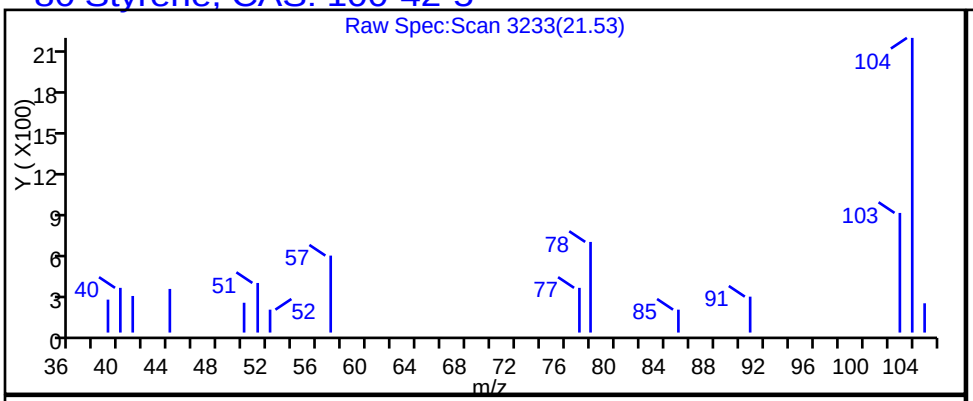
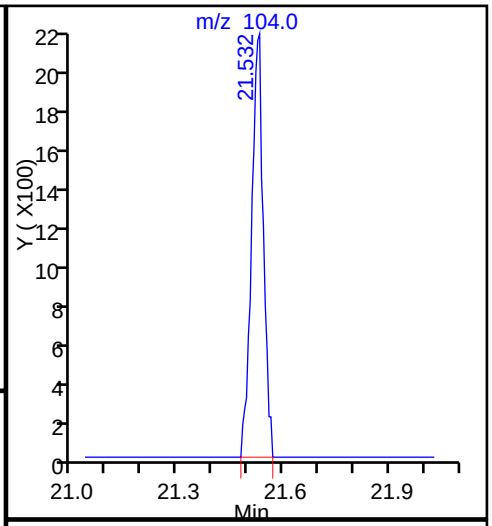
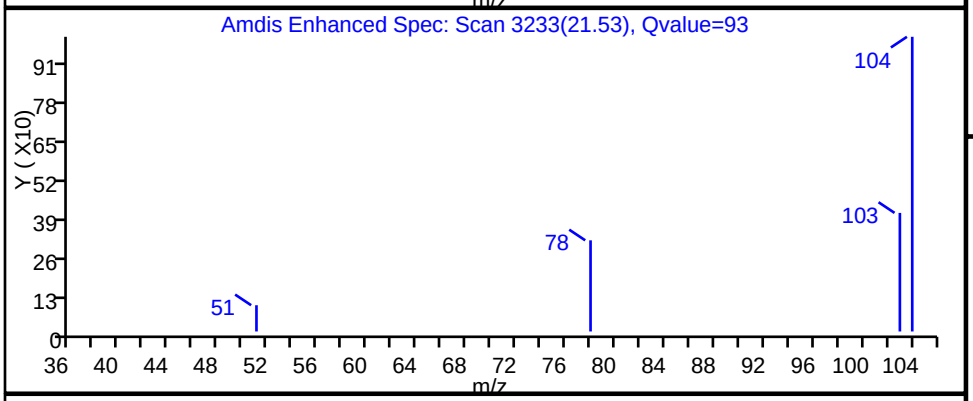
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

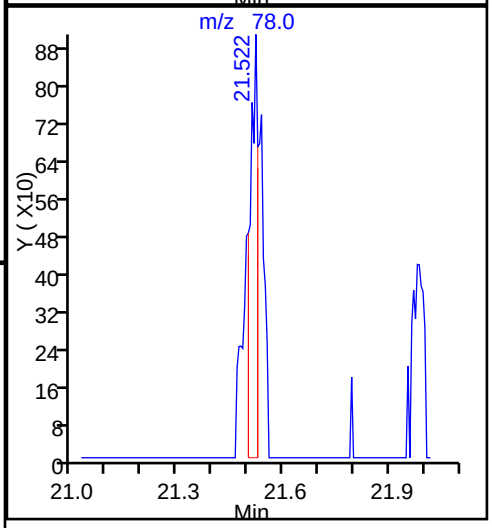
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

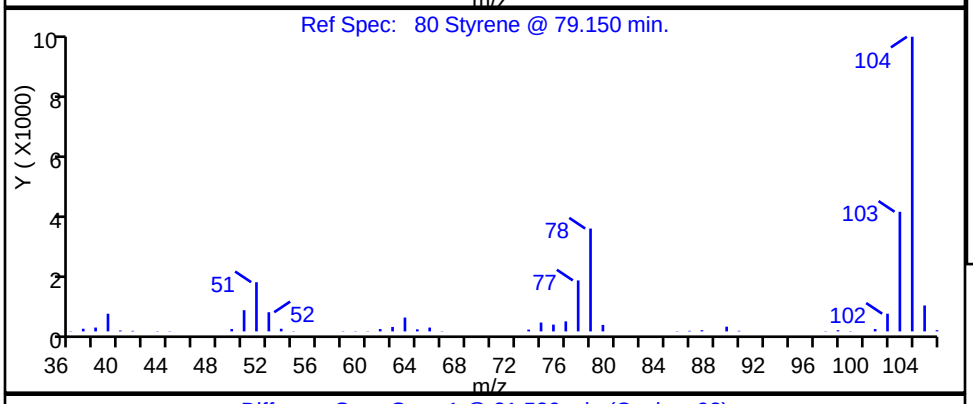
80 Styrene, CAS: 100-42-5

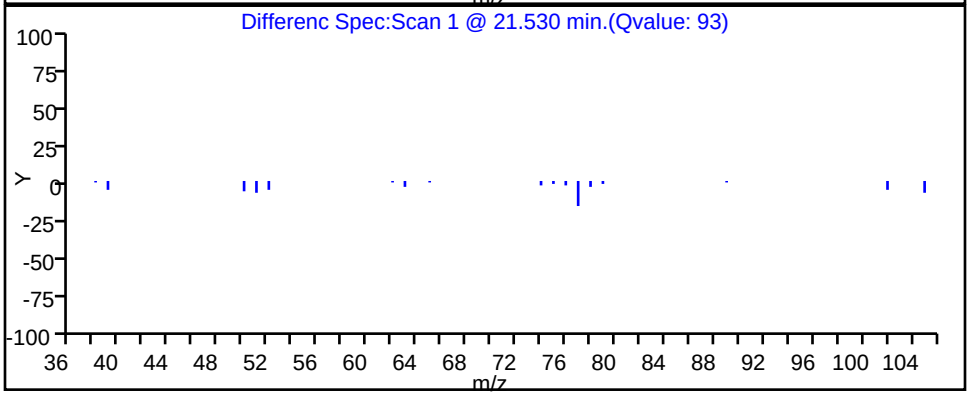












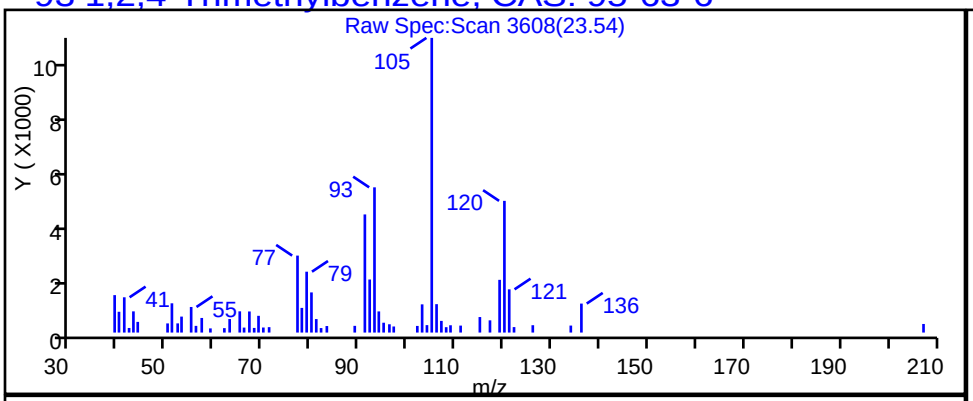
Report Date: 30-Jan-2015 11:21:54 Chrom Revision: 2.2 15-Jan-2015 13:05:58

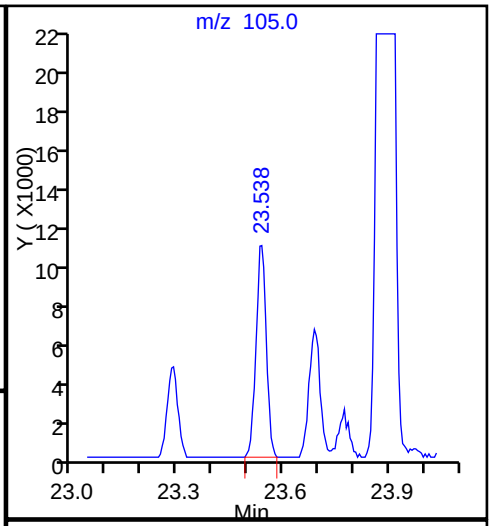
TestAmerica Burlington

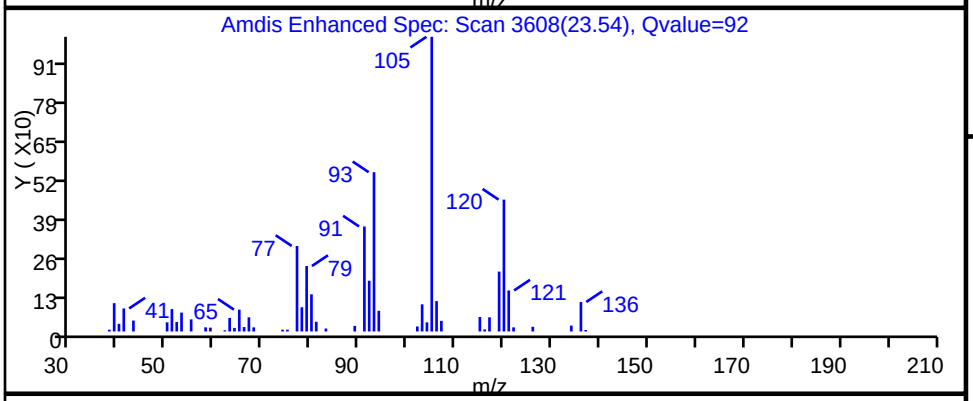
Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

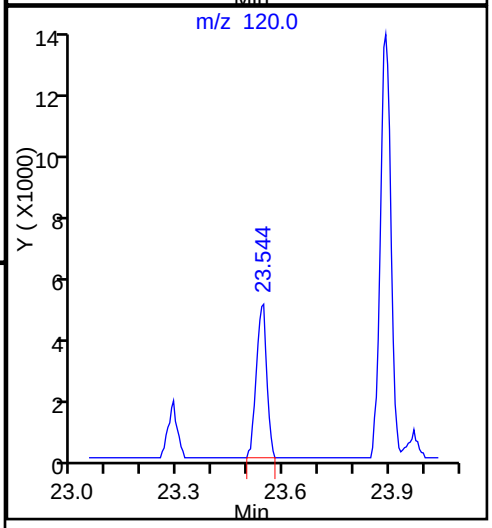
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

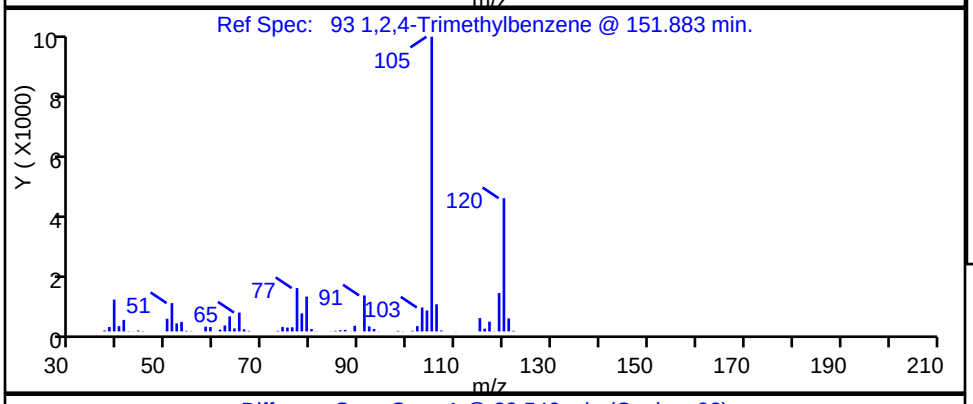
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

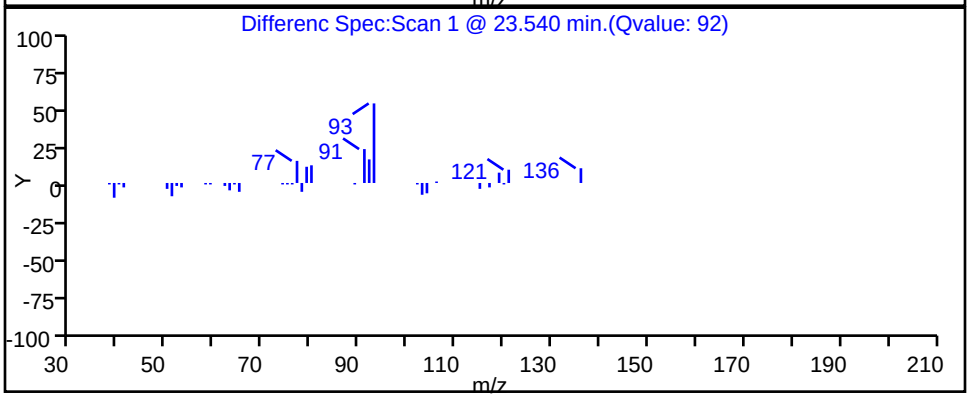










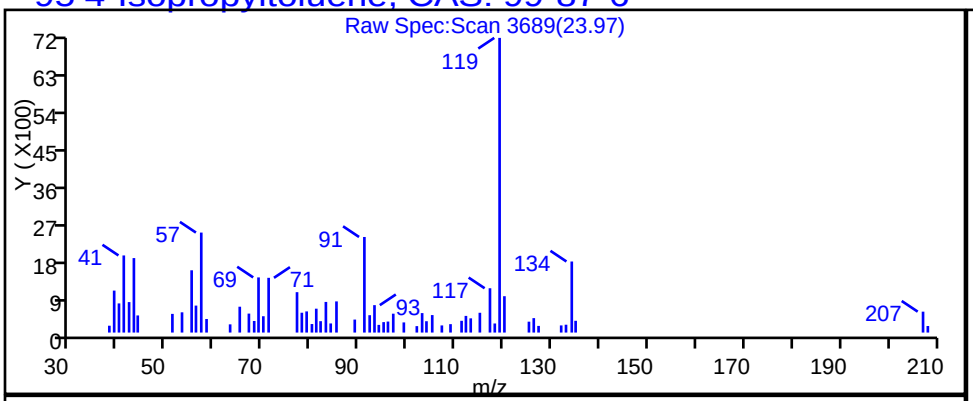


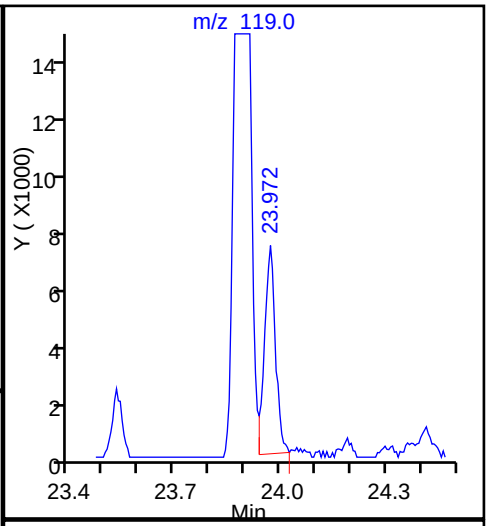
Report Date: 30-Jan-2015 11:21:54 Chrom Revision: 2.2 15-Jan-2015 13:05:58

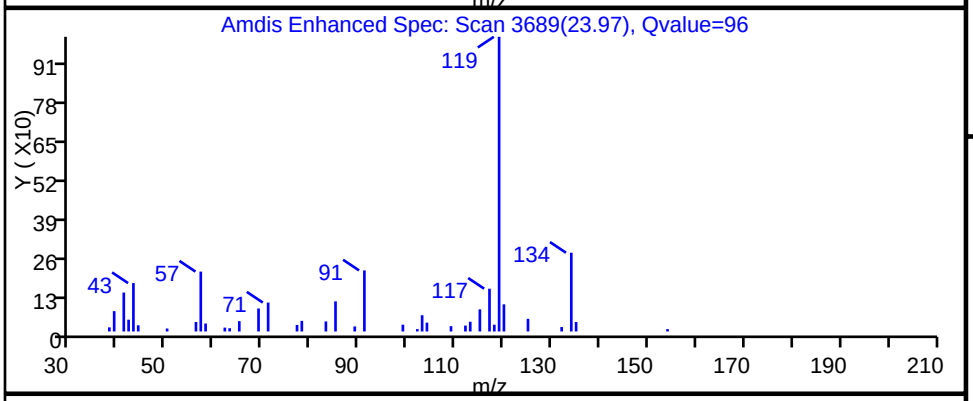
TestAmerica Burlington

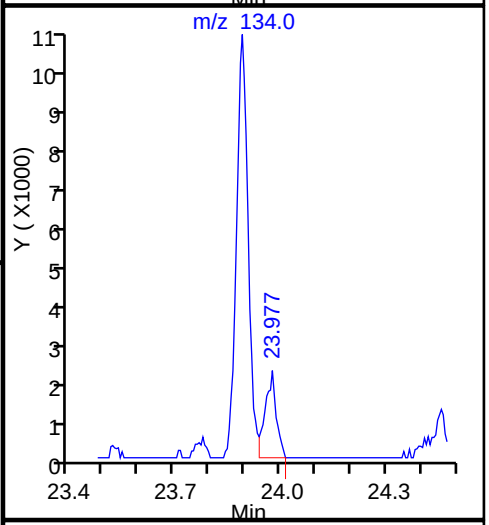
Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d				
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

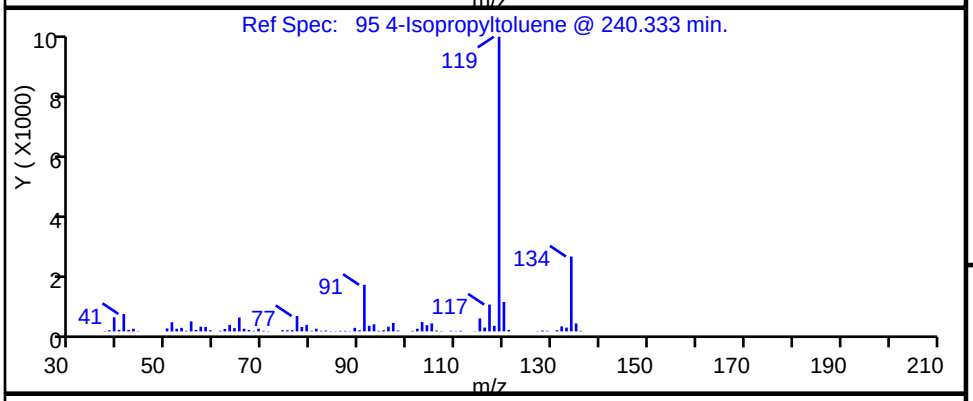
95 4-Isopropyltoluene, CAS: 99-87-6

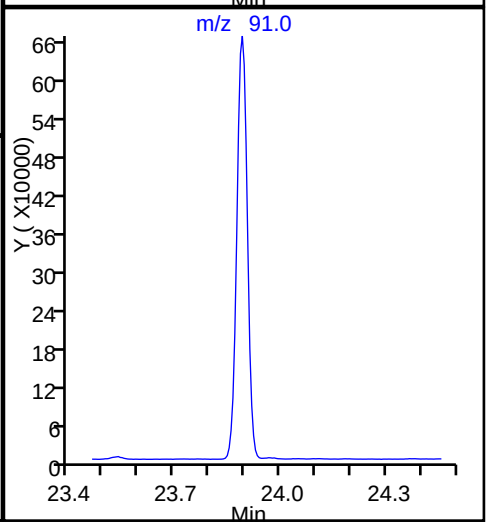


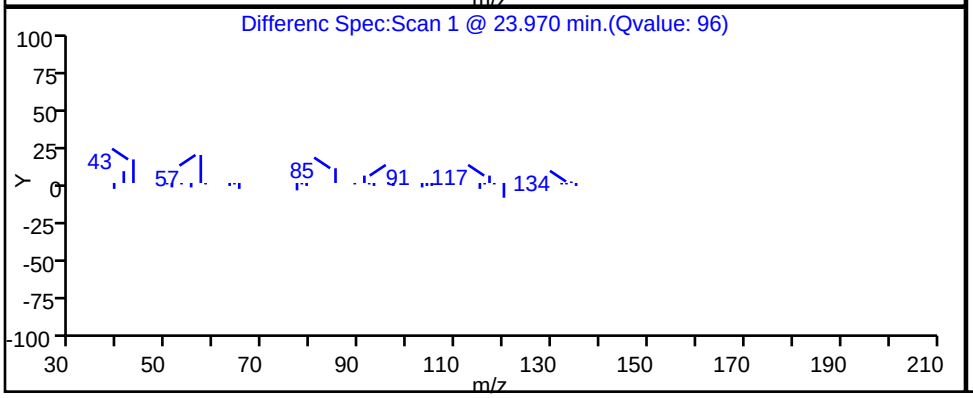












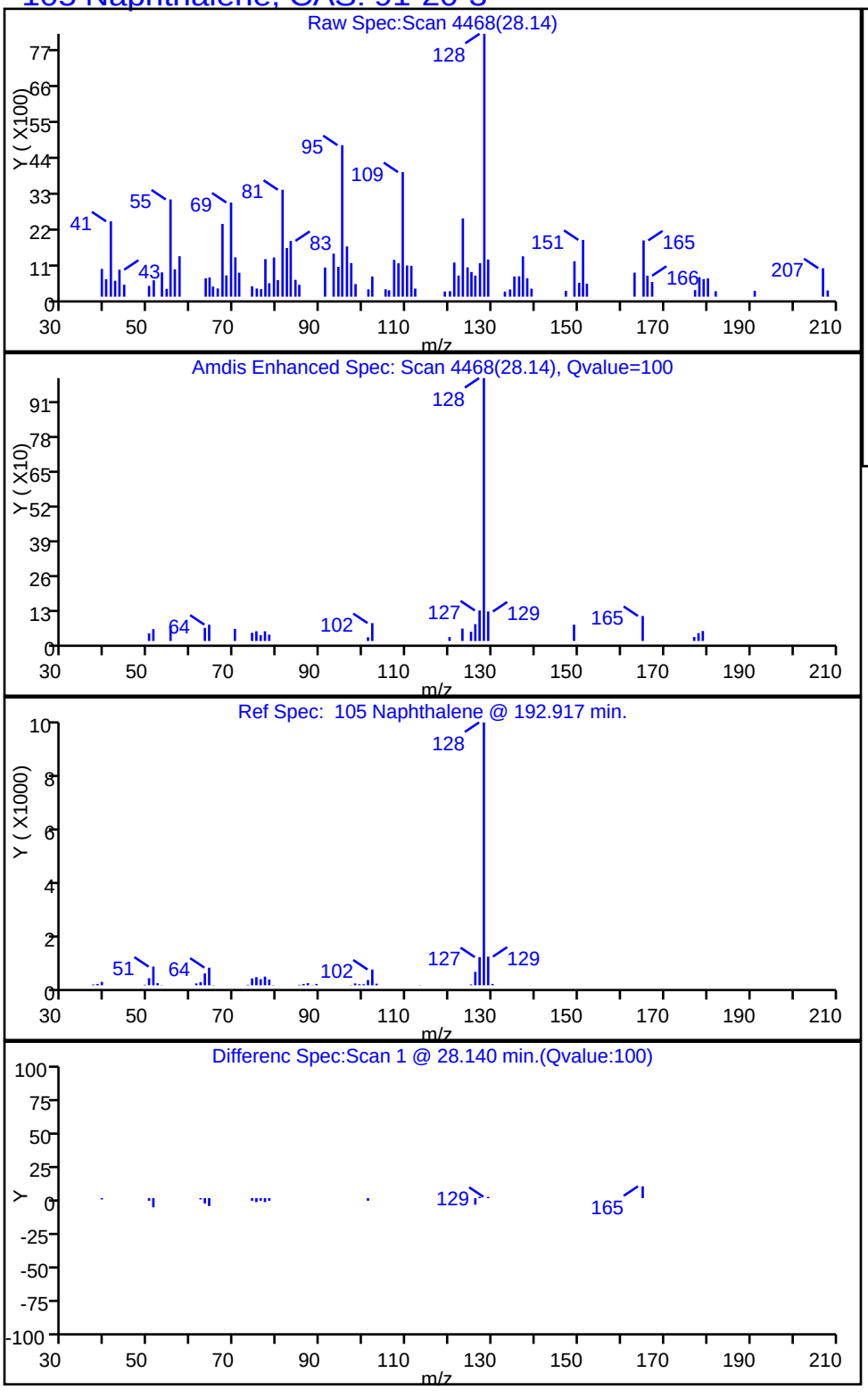
Report Date: 30-Jan-2015 11:21:54 Chrom Revision: 2.2 15-Jan-2015 13:05:58

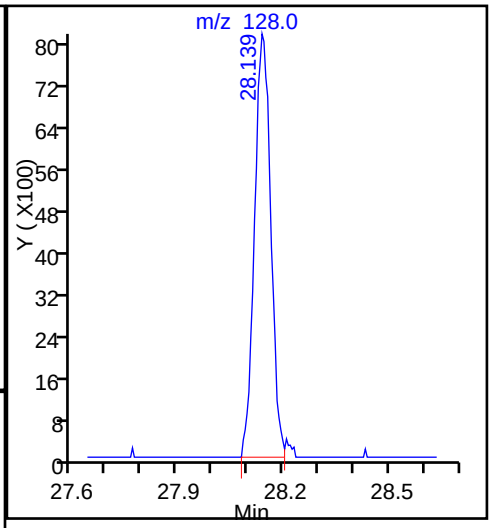
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d

Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

105 Naphthalene, CAS: 91-20-3





Manual Integration/User Assign Peak Report

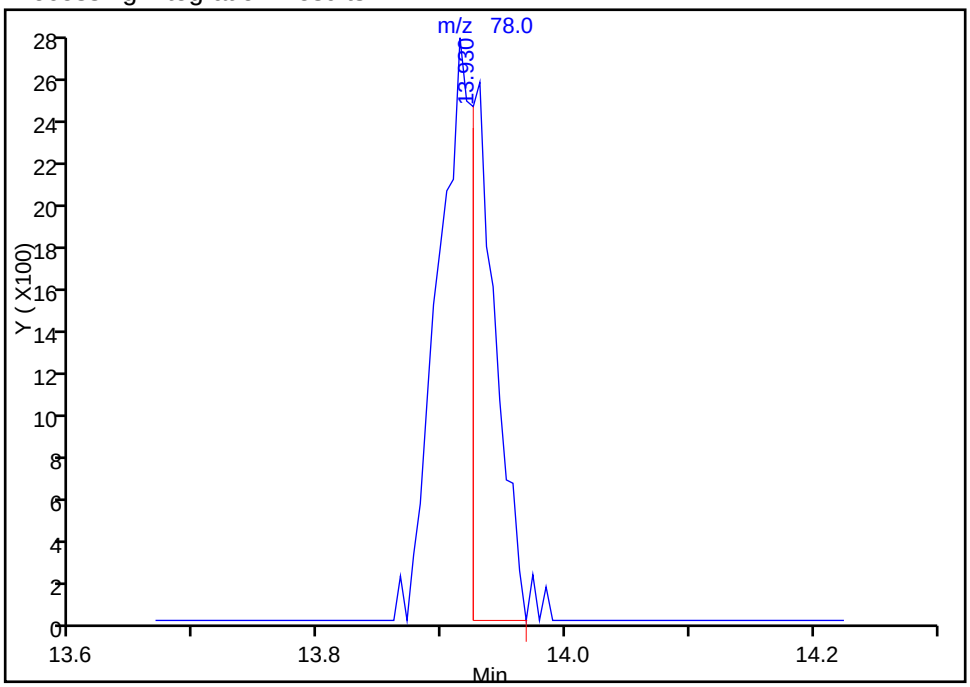
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d				
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2

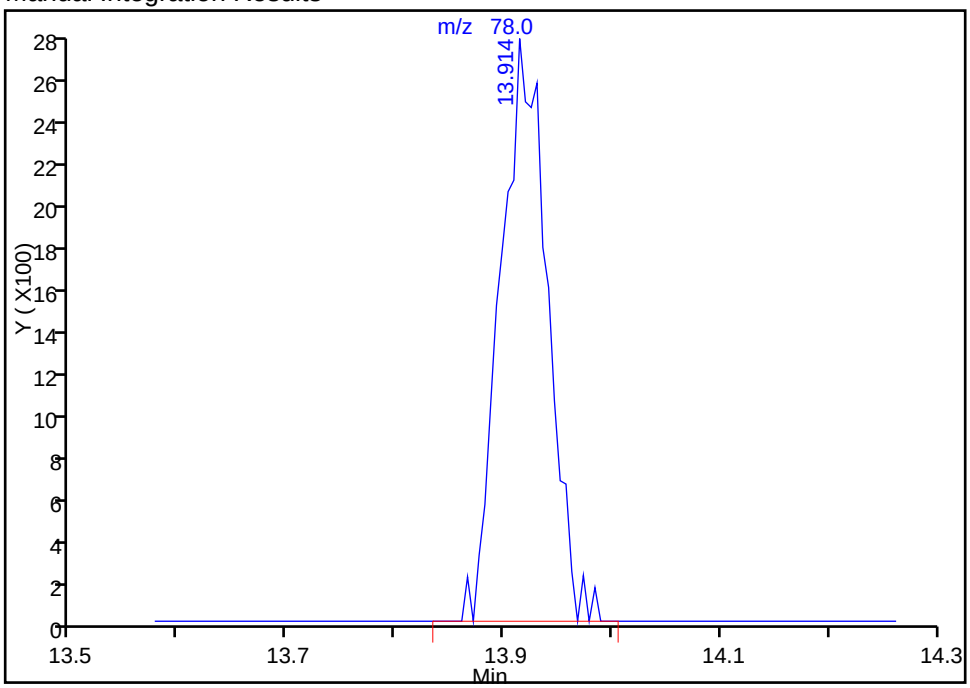
Processing Integration Results

RT: 13.93
Area: 3527
Amount: 0.053718
Amount Units: ppb v/v



Manual Integration Results

RT: 13.91
Area: 8392
Amount: 0.127815
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 11:21:36
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

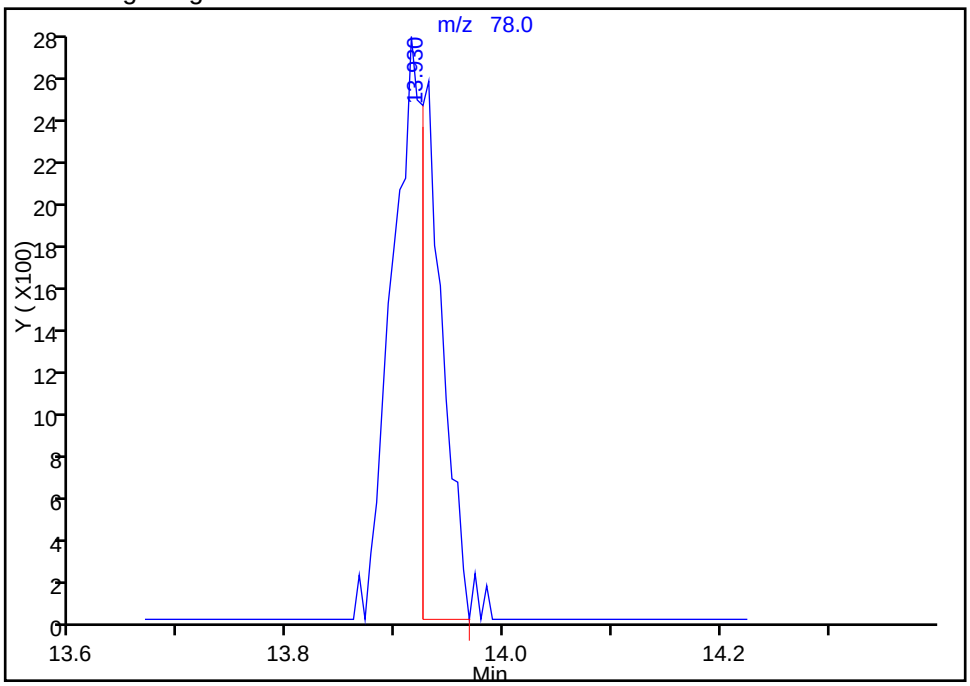
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_011.d				
Injection Date:	30-Jan-2015 10:13:30	Instrument ID:	CHW.i		
Lims ID:	280-64806-A-10	Lab Sample ID:	200-64806-10		
Client ID:	101CA01FA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2

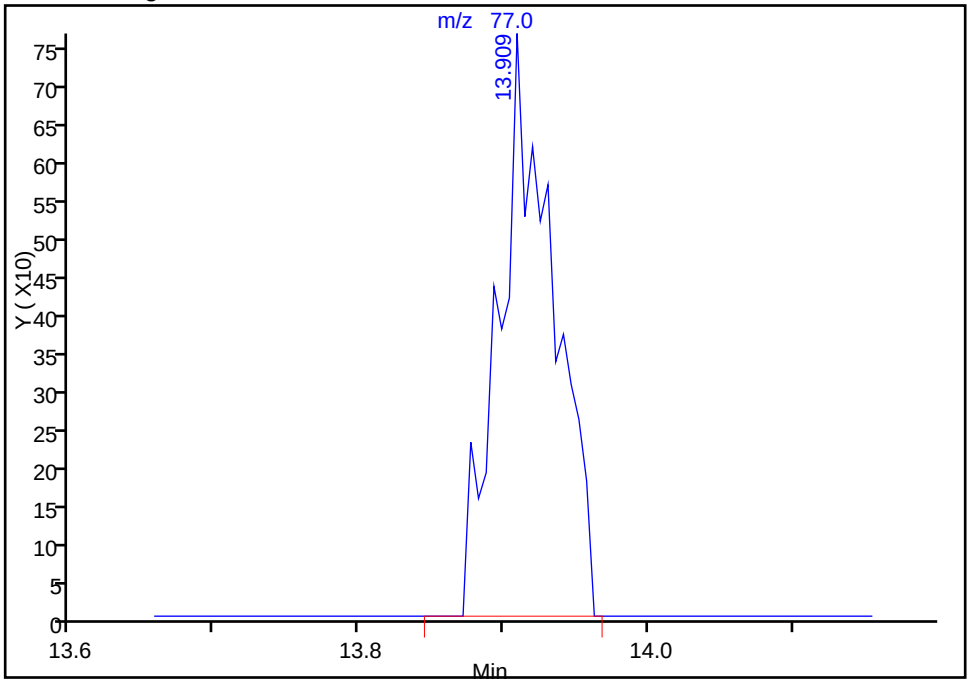
Processing Integration Results

RT: 13.95
Area: 0
Amount: 0.053718
Amount Units: ppb v/v



Manual Integration Results

RT: 13.91
Area: 2007
Amount: 0.127815
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 11:21:36
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0101MA Lab Sample ID: 280-64806-11

Matrix: Air Lab File ID: 11892_07.D

Analysis Method: TO-15 Date Collected: 01/22/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.51		0.50	0.056
75-45-6	Freon 22	86.47	1.4		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.61		0.50	0.060
106-97-8	n-Butane	58.12	0.80		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.29		0.20	0.045
76-13-1	Freon TF	187.38	0.13	J M	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	27		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	5.4		5.0	0.15
75-15-0	Carbon disulfide	76.14	0.29	J	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.36	J	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.32	J	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.14	J M	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	2.5		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.25	J	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.037	J	0.20	0.030
110-82-7	Cyclohexane	84.16	0.31		0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.090	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.28		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0101MA Lab Sample ID: 280-64806-11

Matrix: Air Lab File ID: 11892_07.D

Analysis Method: TO-15 Date Collected: 01/22/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.11	J M	0.20	0.037
79-01-6	Trichloroethene	131.39	0.13	J	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.29	J	0.50	0.18
108-88-3	Toluene	92.14	0.27		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.30	J	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.057	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.13	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.063	J	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.19	J	0.20	0.041
100-42-5	Styrene	104.15	0.029	J	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.029	J M	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.071	J	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.028	J	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0101MA Lab Sample ID: 280-64806-11

Matrix: Air Lab File ID: 11892_07.D

Analysis Method: TO-15 Date Collected: 01/22/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.037	J	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0101MA Lab Sample ID: 280-64806-11

Matrix: Air Lab File ID: 11892_07.D

Analysis Method: TO-15 Date Collected: 01/22/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.28
75-45-6	Freon 22	86.47	5.1		1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	1.3		1.0	0.12
106-97-8	n-Butane	58.12	1.9		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.6		1.1	0.25
76-13-1	Freon TF	187.38	0.97	J M	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	64		12	1.6
67-63-0	Isopropyl alcohol	60.10	13		12	0.37
75-15-0	Carbon disulfide	76.14	0.89	J	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	1.3	J	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.96	J	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.51	J M	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	7.2		1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.75	J	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.20	J	1.1	0.16
110-82-7	Cyclohexane	84.16	1.1		0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.57	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.89		0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0101MA Lab Sample ID: 280-64806-11

Matrix: Air Lab File ID: 11892_07.D

Analysis Method: TO-15 Date Collected: 01/22/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.44	J M	0.82	0.15
79-01-6	Trichloroethene	131.39	0.71	J	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	1.2	J	2.0	0.74
108-88-3	Toluene	92.14	1.0		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.2	J	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.25	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.56	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.27	J	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.84	J	0.87	0.18
100-42-5	Styrene	104.15	0.12	J	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.14	J M	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.35	J	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.17	J	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0101MA Lab Sample ID: 280-64806-11

Matrix: Air Lab File ID: 11892_07.D

Analysis Method: TO-15 Date Collected: 01/22/2015 13:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.27	J	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D
Lims ID: 280-64806-A-11 Lab Sample ID: Client 200-84038/7-A
Client ID: 774VMP0101MA
Sample Type: Client
Inject. Date: 30-Jan-2015 13:54:30 ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011892-007
Misc. Info.: 64806-11
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 02-Feb-2015 09:22:43 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: lyonsb Date: 02-Feb-2015 09:22:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	2.833	2.827	0.006	99	70642	0.5125	
3 Chlorodifluoromethane	51	2.881	2.881	0.000	97	116054	1.44	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.089				ND	
5 Chloromethane	50	3.228	3.223	0.005	96	24416	0.6083	
6 Butane	43	3.432	3.426	0.006	97	47183	0.7965	
7 Vinyl chloride	62		3.469				ND	
8 Butadiene	54		3.544				ND	
9 Bromomethane	94		4.229				ND	
10 Chloroethane	64		4.480				ND	
12 Vinyl bromide	106		4.881				ND	
13 Trichlorofluoromethane	101	4.999	4.994	0.005	96	34956	0.2925	
19 1,1,2-Trichloro-1,2,2-trif	101	6.139	6.123	0.016	52	9061	0.1269	M
20 1,1-Dichloroethene	96		6.149				ND	
21 Acetone	43	6.401	6.401	0.000	82	1761712	27.2	
22 Carbon disulfide	76	6.529	6.524	0.005	99	26888	0.2870	
23 Isopropyl alcohol	45	6.765	6.738	0.027	97	245372	5.42	
24 3-Chloro-1-propene	41		6.962				ND	
26 Methylene Chloride	49	7.273	7.267	0.006	94	18697	0.3632	
27 2-Methyl-2-propanol	59	7.567	7.546	0.021	83	18281	0.3169	7
28 Methyl tert-butyl ether	73	7.685	7.711	-0.026	1	162	0.001857	
29 trans-1,2-Dichloroethene	61		7.722				ND	
31 Hexane	57	8.145	8.145	0.000	80	6212	0.1435	M
32 1,1-Dichloroethane	63		8.615				ND	
34 cis-1,2-Dichloroethene	96		9.744				ND	
35 2-Butanone (MEK)	72	9.819	9.814	0.005	90	36332	2.46	
S 37 1,2-Dichloroethene, Total	61		10.200				ND	
* 38 Chlorobromomethane	128	10.210	10.210	0.000	95	336246	10.0	
39 Tetrahydrofuran	42	10.237	10.231	0.006	29	10357	0.2549	
40 Chloroform	83		10.354				ND	
41 Cyclohexane	84	10.611	10.600	0.011	94	12527	0.3088	
42 1,1,1-Trichloroethane	97	10.632	10.632	0.000	38	3676	0.0374	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	43 Carbon tetrachloride	117	10.889	10.878	0.011	93	10053	0.0904	
	44 Benzene	78	11.344	11.344	0.000	96	30015	0.2771	
	45 Isooctane	57		11.349				ND	M
	46 1,2-Dichloroethane	62		11.526				ND	
	47 n-Heptane	43	11.750	11.756	-0.006	0	8277	0.1071	M
*	48 1,4-Difluorobenzene	114	12.205	12.205	0.000	96	1713804	10.0	
	50 Trichloroethene	95	12.655	12.665	-0.010	84	7989	0.1318	
	52 1,2-Dichloropropane	63		13.211				ND	
	53 Methyl methacrylate	69		13.420				ND	
	54 1,4-Dioxane	88		13.457				ND	
	56 Dichlorobromomethane	83		13.778				ND	
	58 cis-1,3-Dichloropropene	75		14.757				ND	
	59 4-Methyl-2-pentanone (MIBK	43	15.099	15.083	0.016	98	32151	0.2912	
	61 Toluene	92	15.372	15.383	-0.011	94	23963	0.2706	
	64 trans-1,3-Dichloropropene	75		16.003				ND	
	65 1,1,2-Trichloroethane	83		16.383				ND	
	66 Tetrachloroethene	166		16.506				ND	
	67 2-Hexanone	43	16.876	16.875	0.001	96	34821	0.2977	
	68 Chlorodibromomethane	129		17.159				ND	
	69 Ethylene Dibromide	107		17.432				ND	
*	70 Chlorobenzene-d5	117	18.363	18.363	0.000	93	1925267	10.0	
	71 Chlorobenzene	112		18.421				ND	
	72 Ethylbenzene	91	18.587	18.593	-0.006	96	11419	0.0574	
	74 m-Xylene & p-Xylene	106	18.850	18.849	0.001	0	9918	0.1287	
	75 o-Xylene	106	19.695	19.689	0.006	92	4849	0.0630	
	76 Styrene	104	19.748	19.748	0.000	27	3077	0.0291	
S	77 Xylenes, Total	106				0		0.1917	
	78 Bromoform	173		20.165				ND	
	79 Isopropylbenzene	105		20.406				ND	
*	80 4-Bromofluorobenzene	95	20.770	20.770	0.000	87	1539876	10.0	
	81 1,1,2,2-Tetrachloroethane	83		21.054				ND	
	82 N-Propylbenzene	91		21.139				ND	
	85 4-Ethyltoluene	105	21.332	21.332	0.000	71	6185	0.0286	M
	84 2-Chlorotoluene	91		21.332				ND	
	87 1,3,5-Trimethylbenzene	105		21.439				ND	
	89 tert-Butylbenzene	119		21.931				ND	
	90 1,2,4-Trimethylbenzene	105	22.033	22.027	0.006	95	12938	0.0708	
	91 sec-Butylbenzene	105		22.257				ND	
	92 4-Isopropyltoluene	119		22.466				ND	
	93 1,3-Dichlorobenzene	146		22.482				ND	
	94 1,4-Dichlorobenzene	146	22.616	22.616	0.000	52	3536	0.0283	
	95 Benzyl chloride	91		22.808				ND	
	96 n-Butylbenzene	91		23.028				ND	
	98 1,2-Dichlorobenzene	146		23.140				ND	
	100 1,2,4-Trichlorobenzene	180	25.590	25.595	-0.005	56	3371	0.0370	
	101 Hexachlorobutadiene	225		25.788				ND	
	102 Naphthalene	128		26.061				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

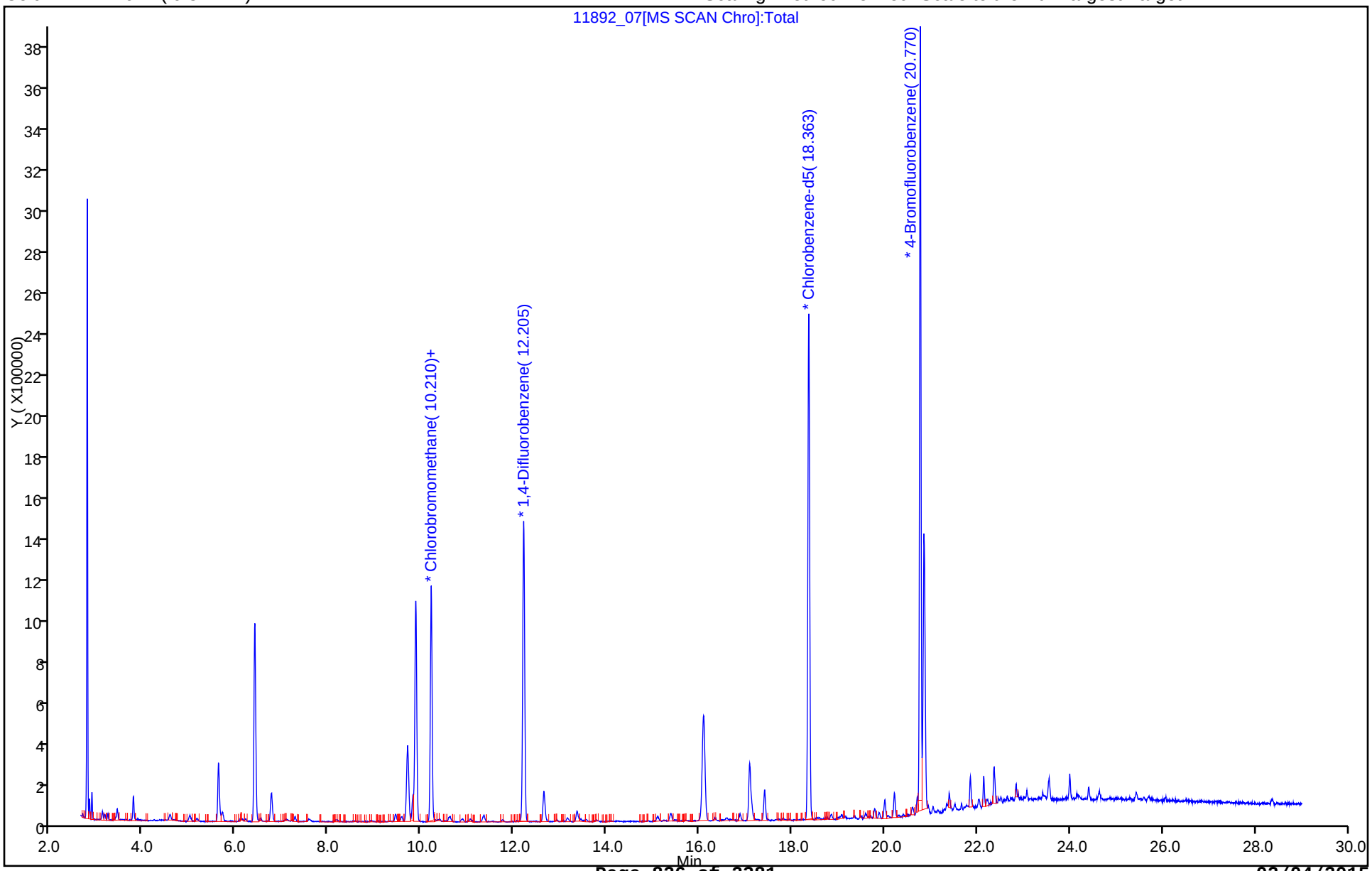
ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A	Worklist Smp#:	7
Client ID:	774VMP0101MA				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

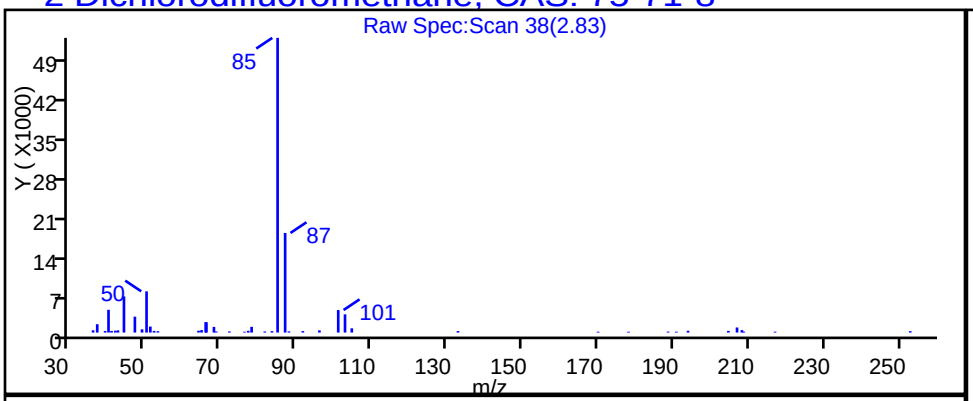


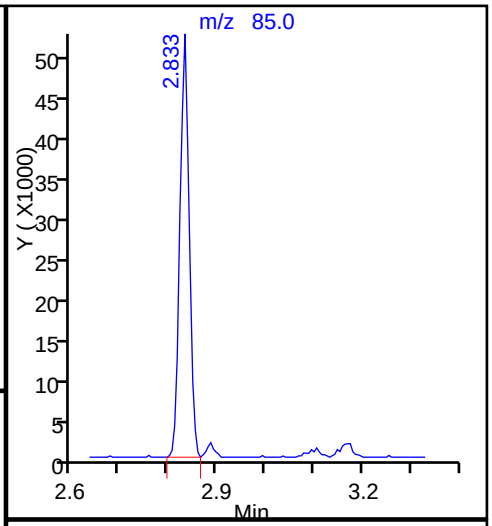
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

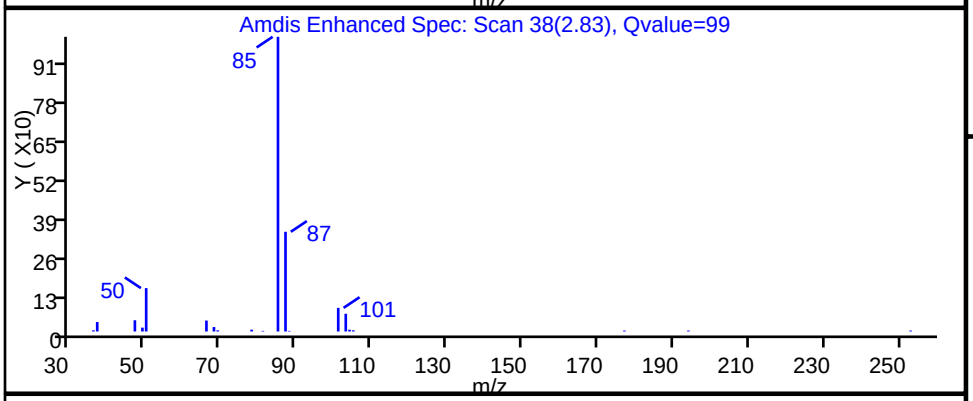
TestAmerica Burlington

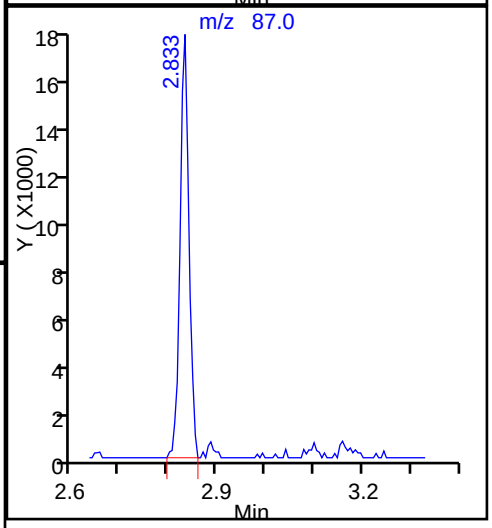
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

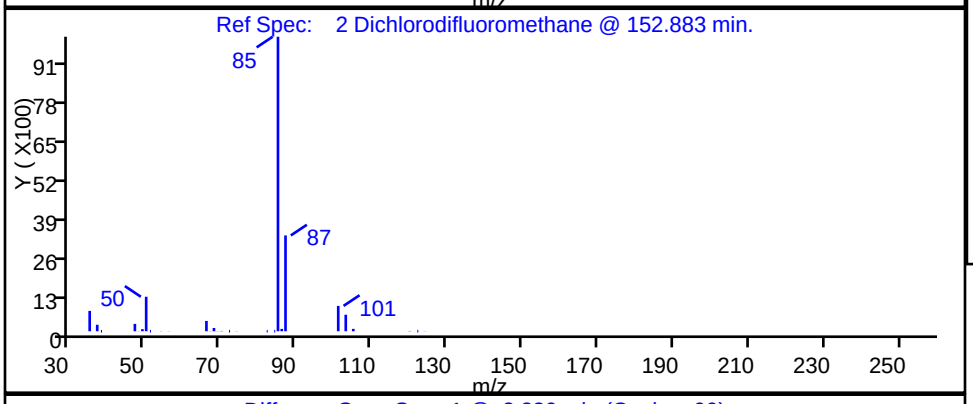
2 Dichlorodifluoromethane, CAS: 75-71-8

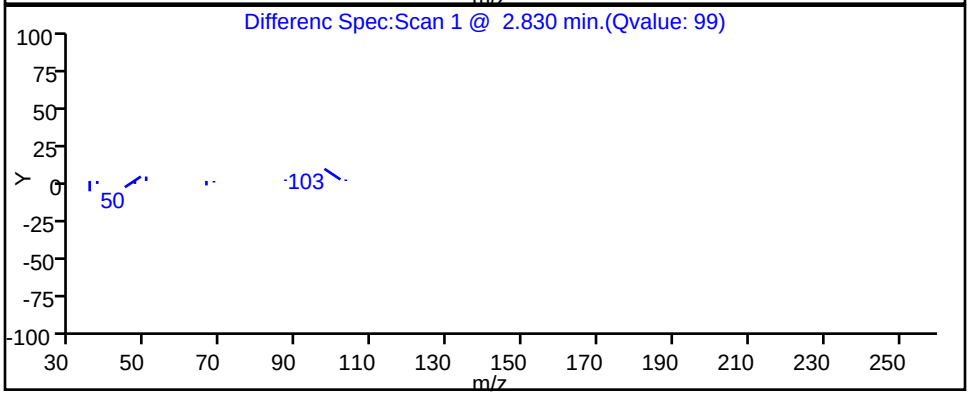












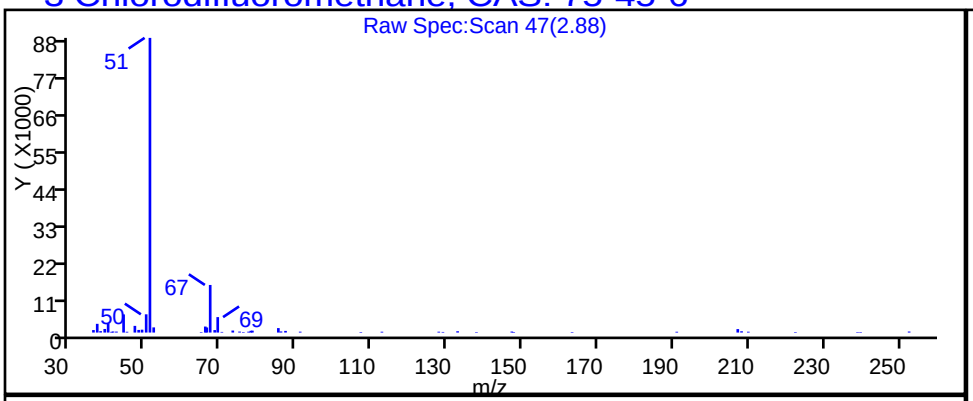
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

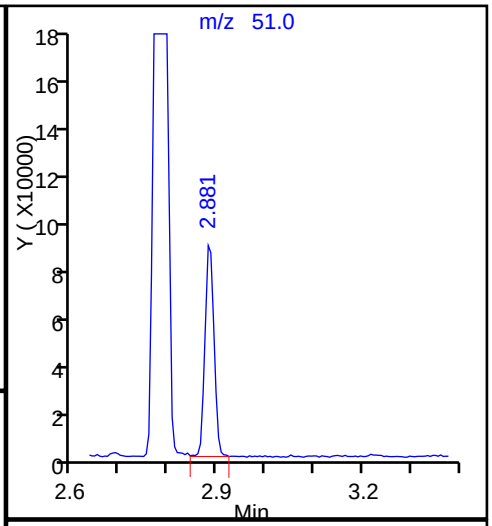
TestAmerica Burlington

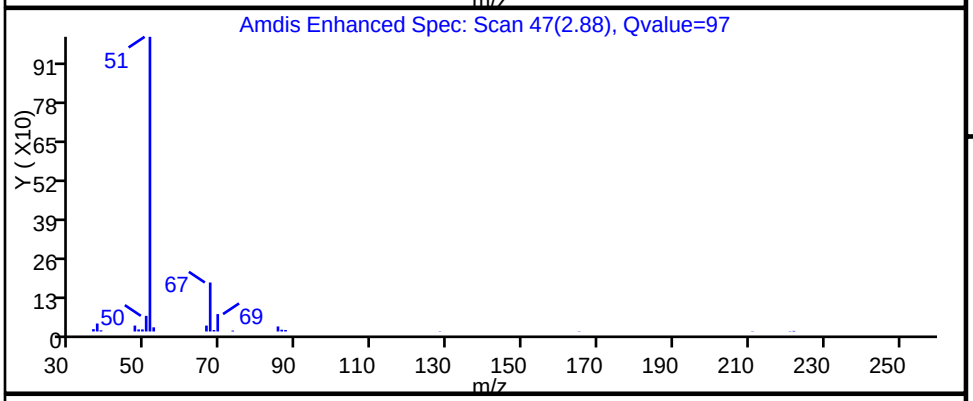
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D

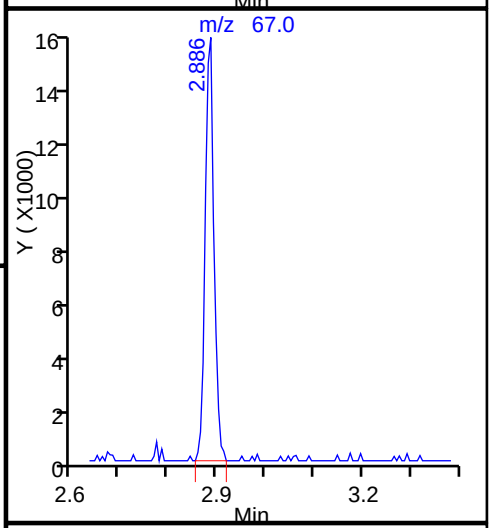
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

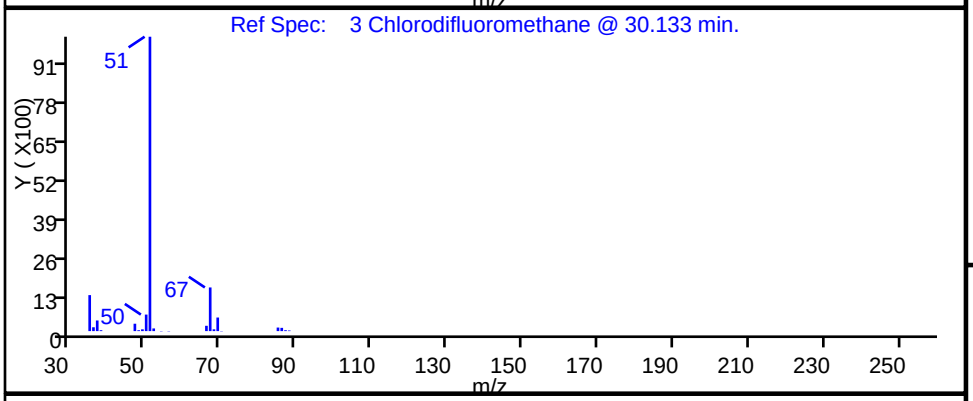
3 Chlorodifluoromethane, CAS: 75-45-6

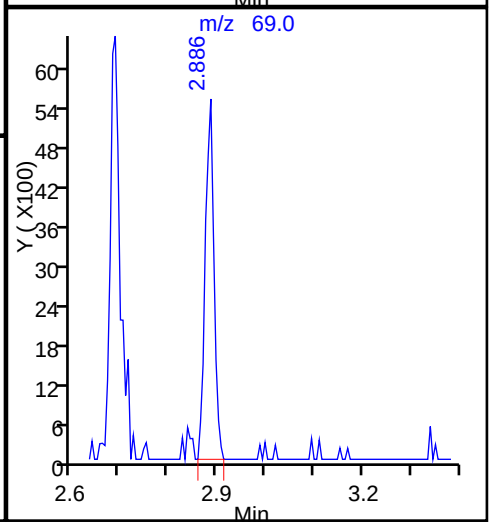


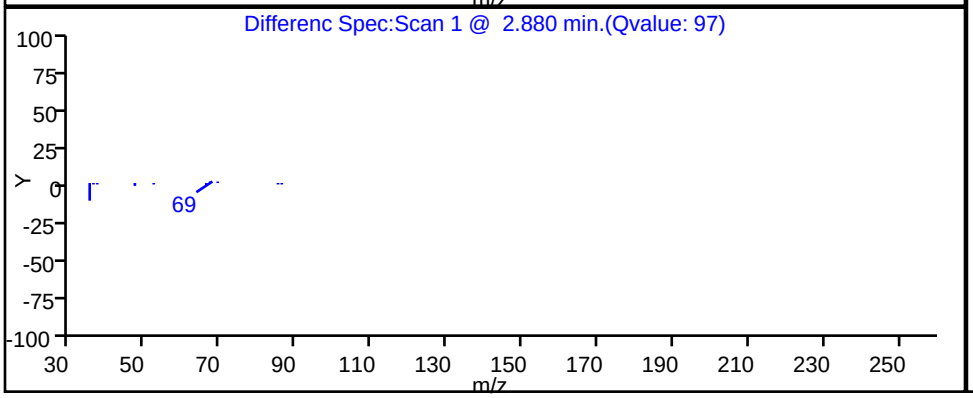








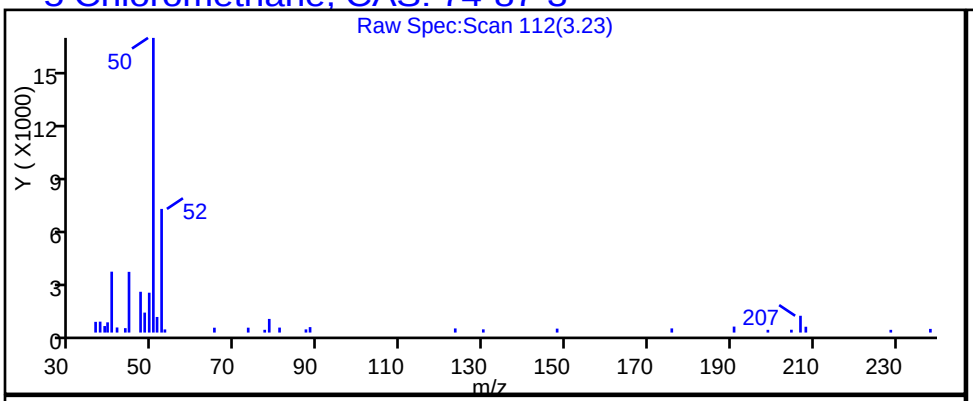


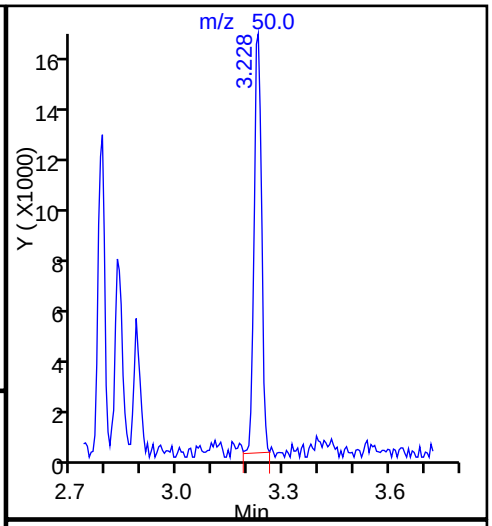


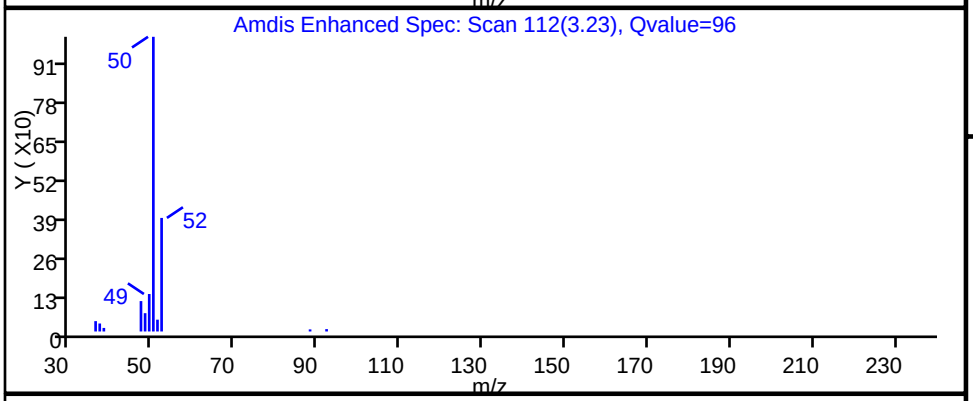
TestAmerica Burlington

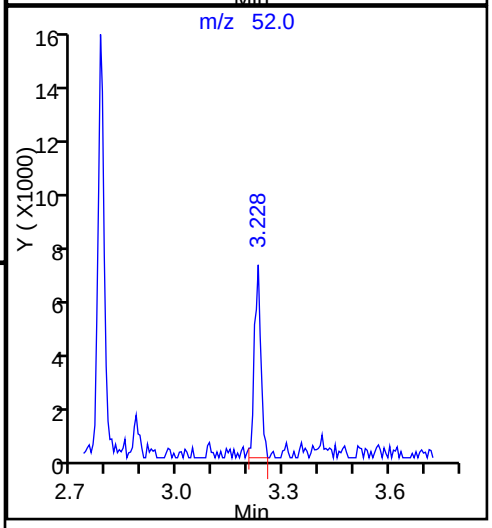
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

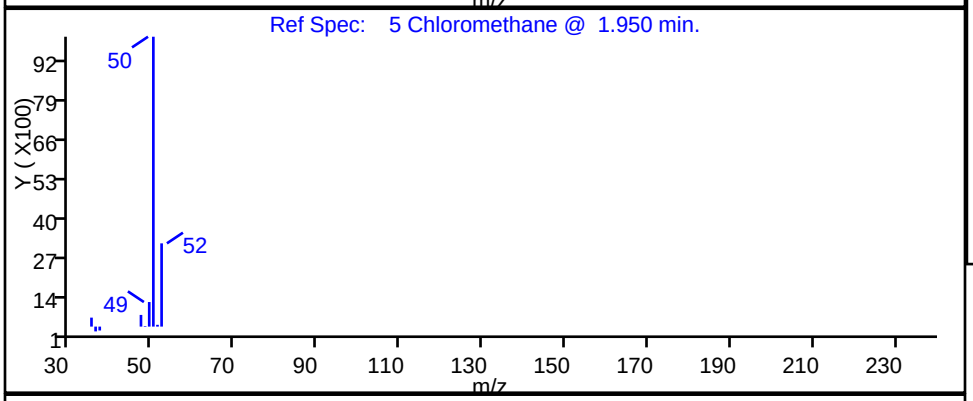
5 Chloromethane, CAS: 74-87-3

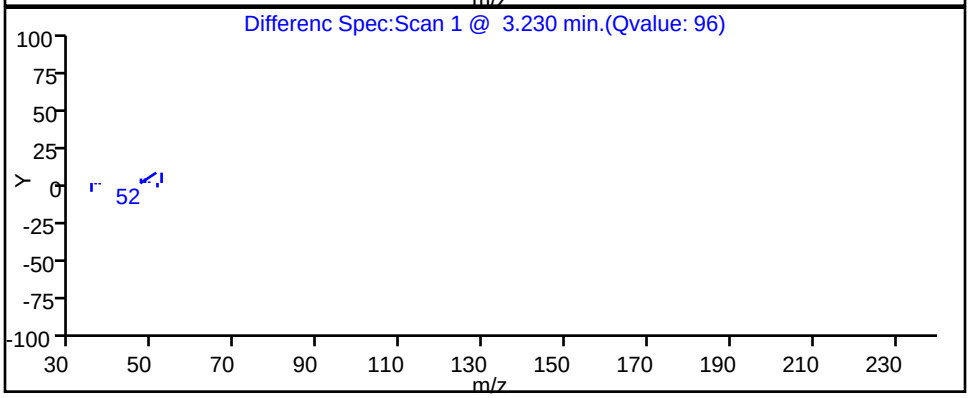










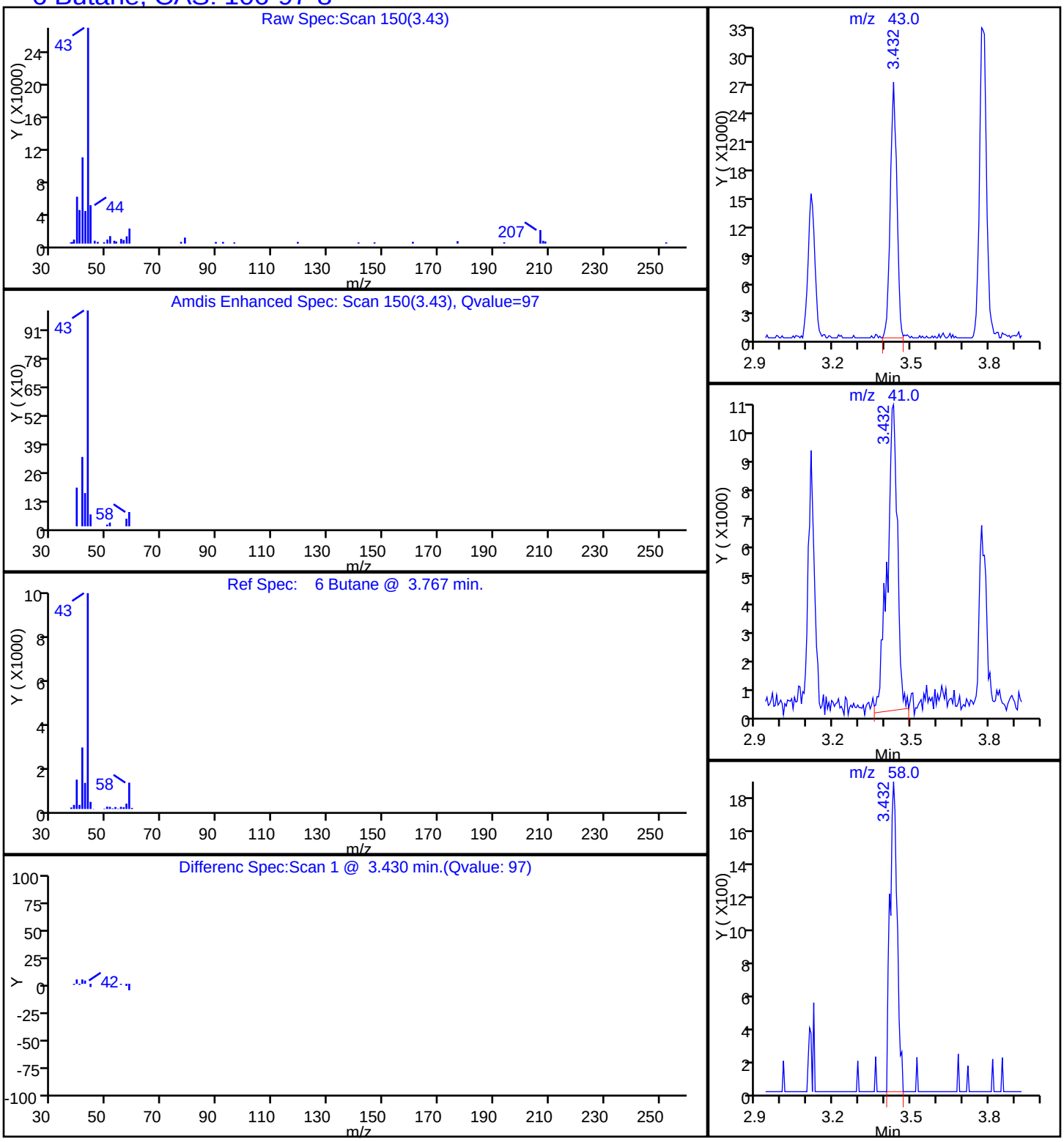


Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

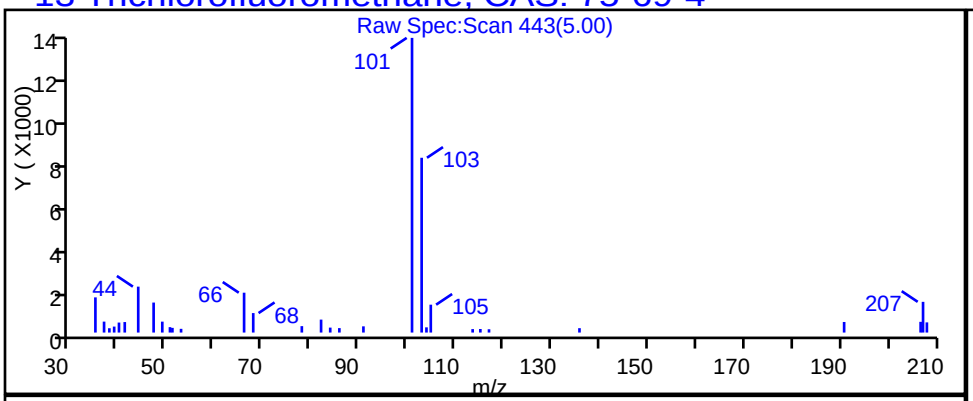
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D		
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A
Client ID:	774VMP0101MA		
Operator ID:	bpl	ALS Bottle#:	4 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

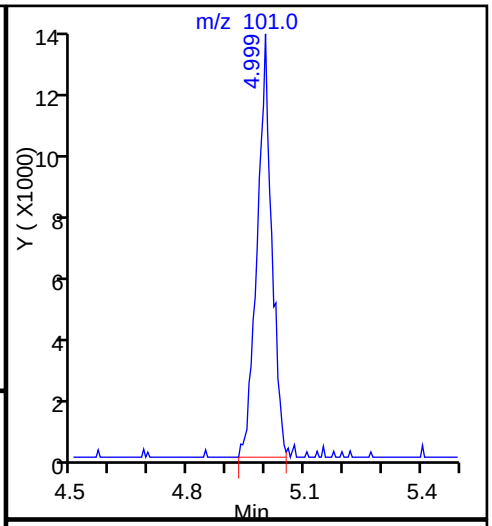
6 Butane, CAS: 106-97-8

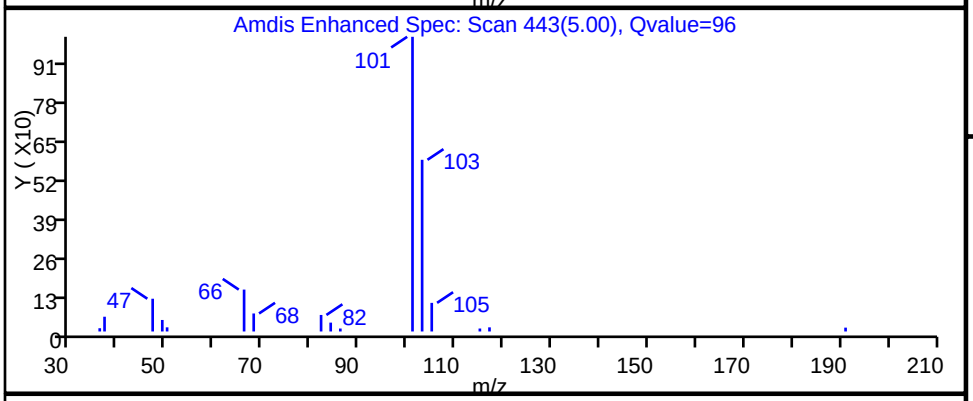


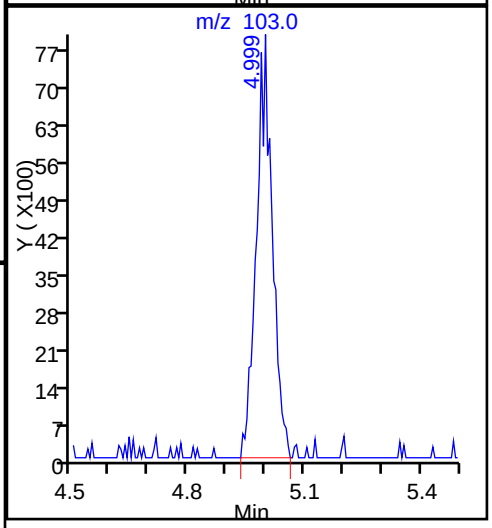
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D
Injection Date: 30-Jan-2015 13:54:30 Instrument ID: CHG.i
Lims ID: 280-64806-A-11 Lab Sample ID: Client 200-84038/7-A
Client ID: 774VMP0101MA
Operator ID: bpl ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

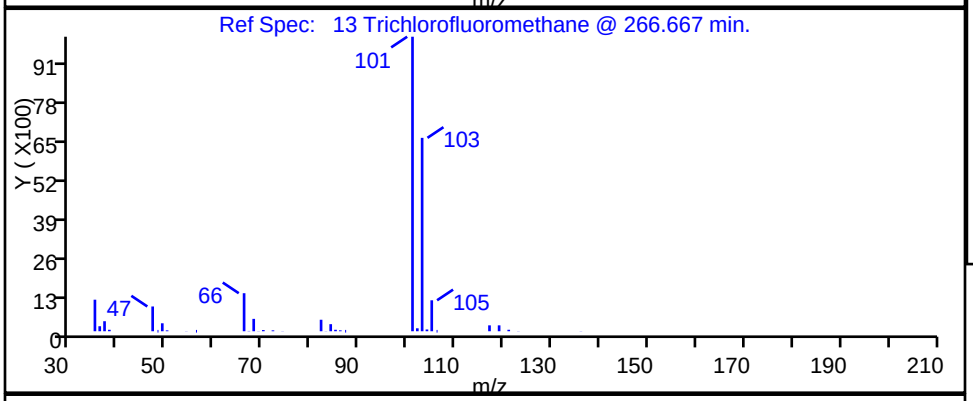
13 Trichlorofluoromethane, CAS: 75-69-4

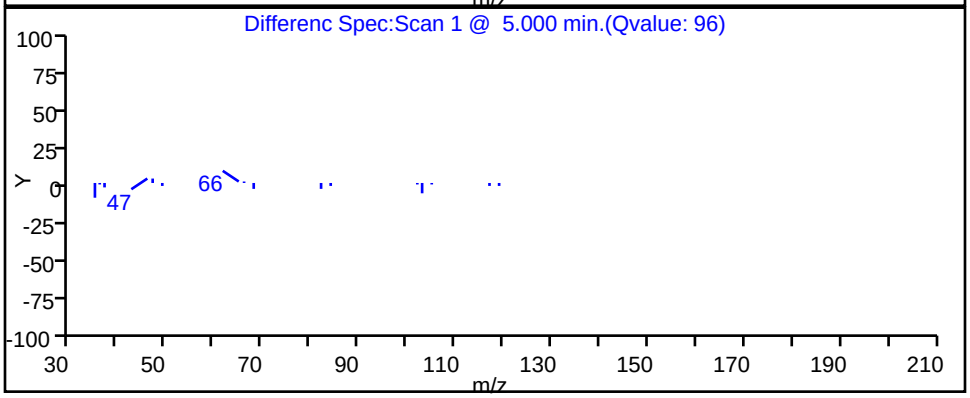






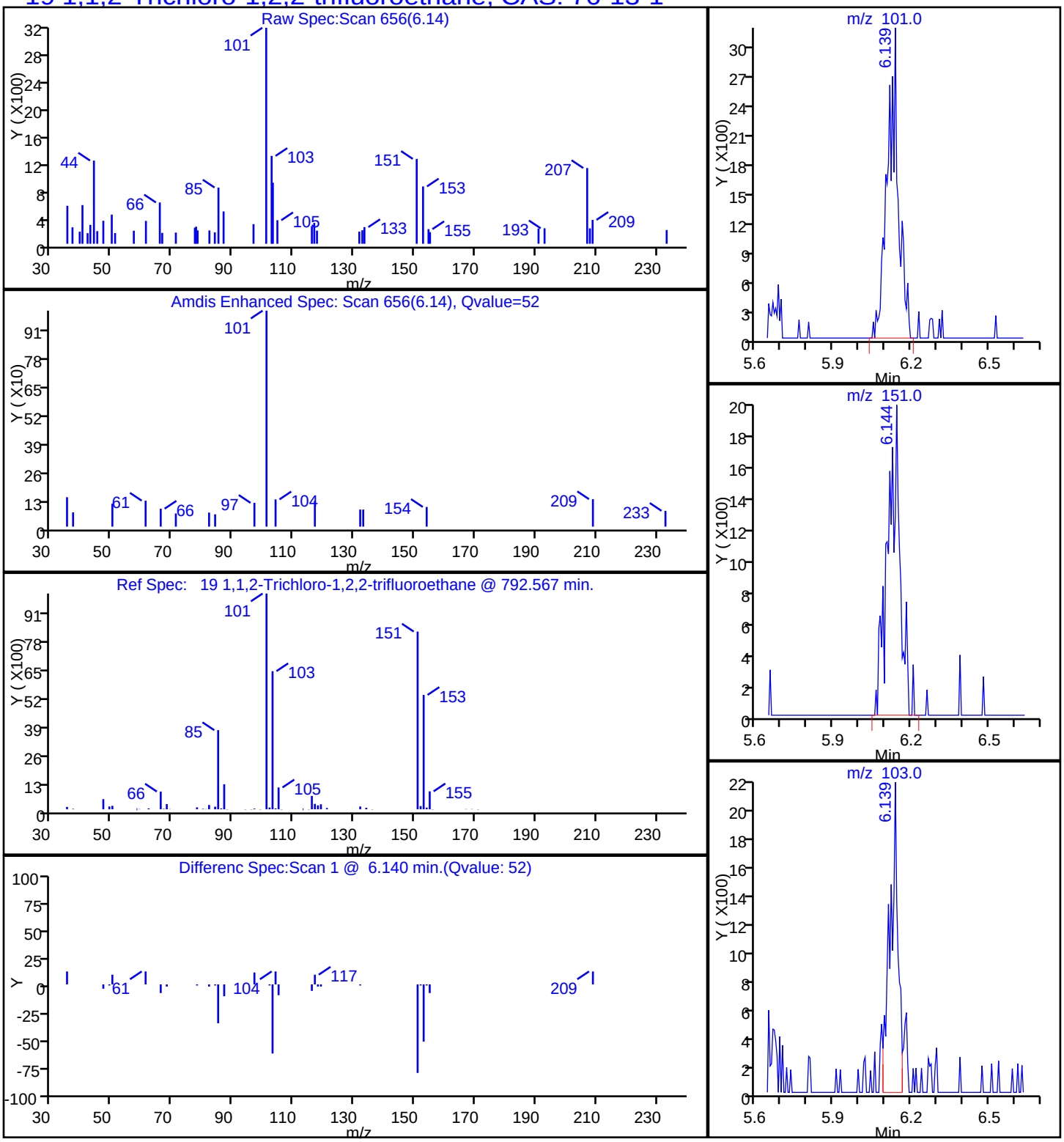






Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D
Injection Date: 30-Jan-2015 13:54:30 Instrument ID: CHG.i
Lims ID: 280-64806-A-11 Lab Sample ID: Client 200-84038/7-A
Client ID: 774VMP0101MA
Operator ID: bpl ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



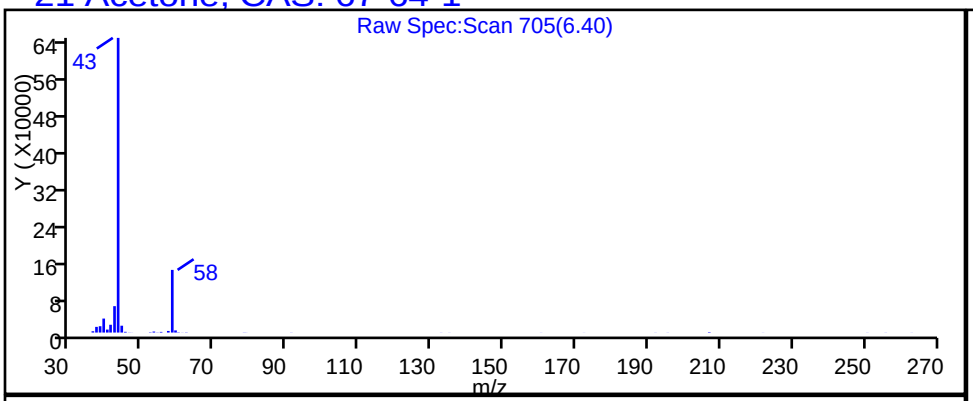
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

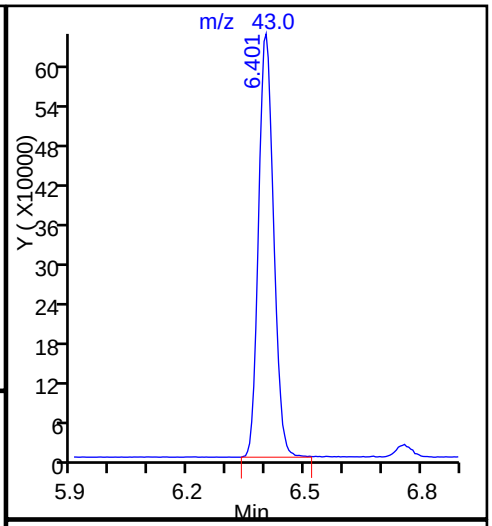
TestAmerica Burlington

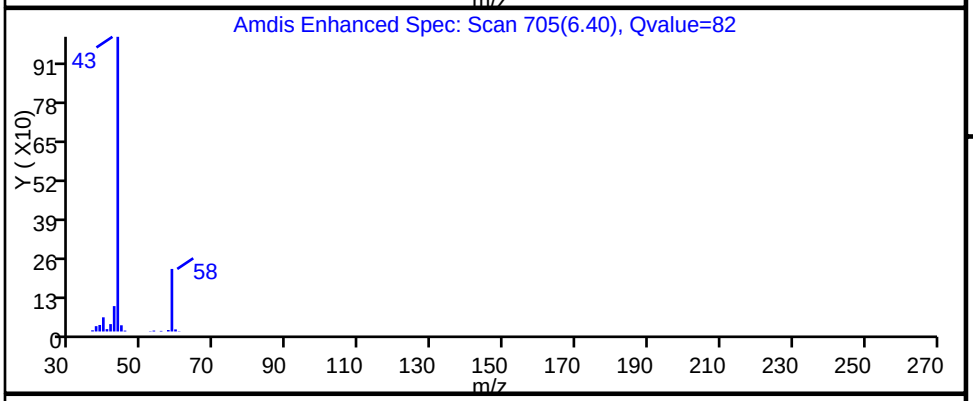
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D

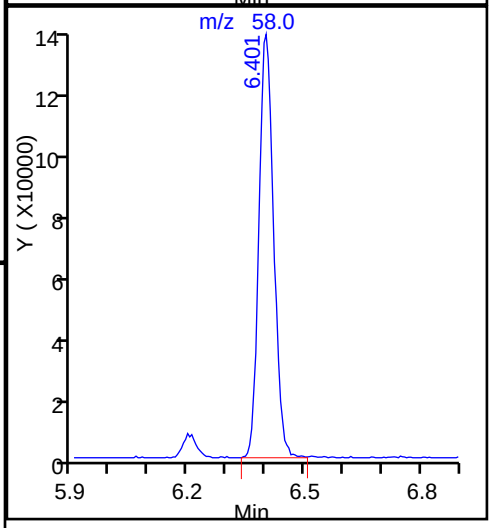
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

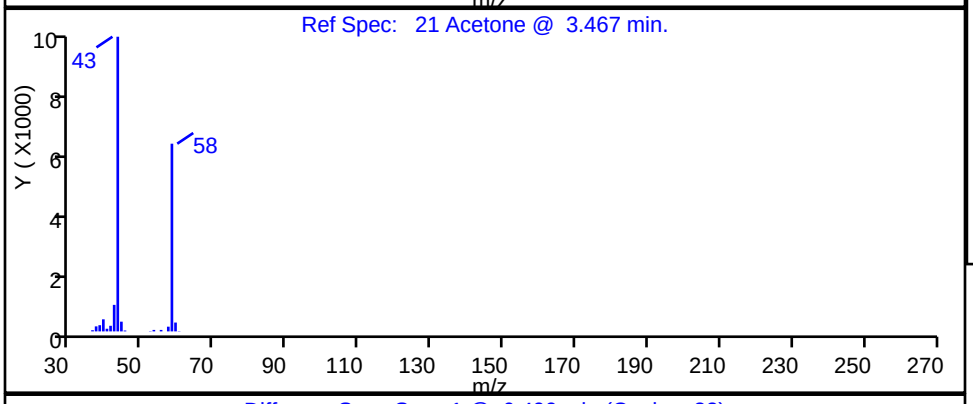
21 Acetone, CAS: 67-64-1

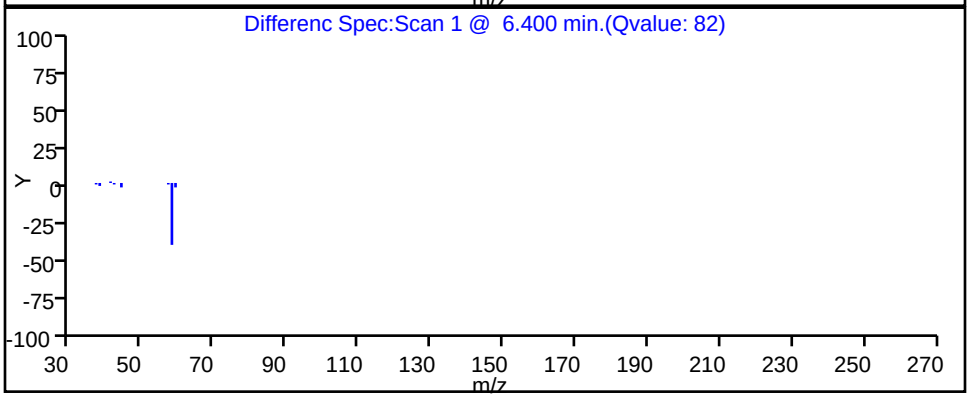








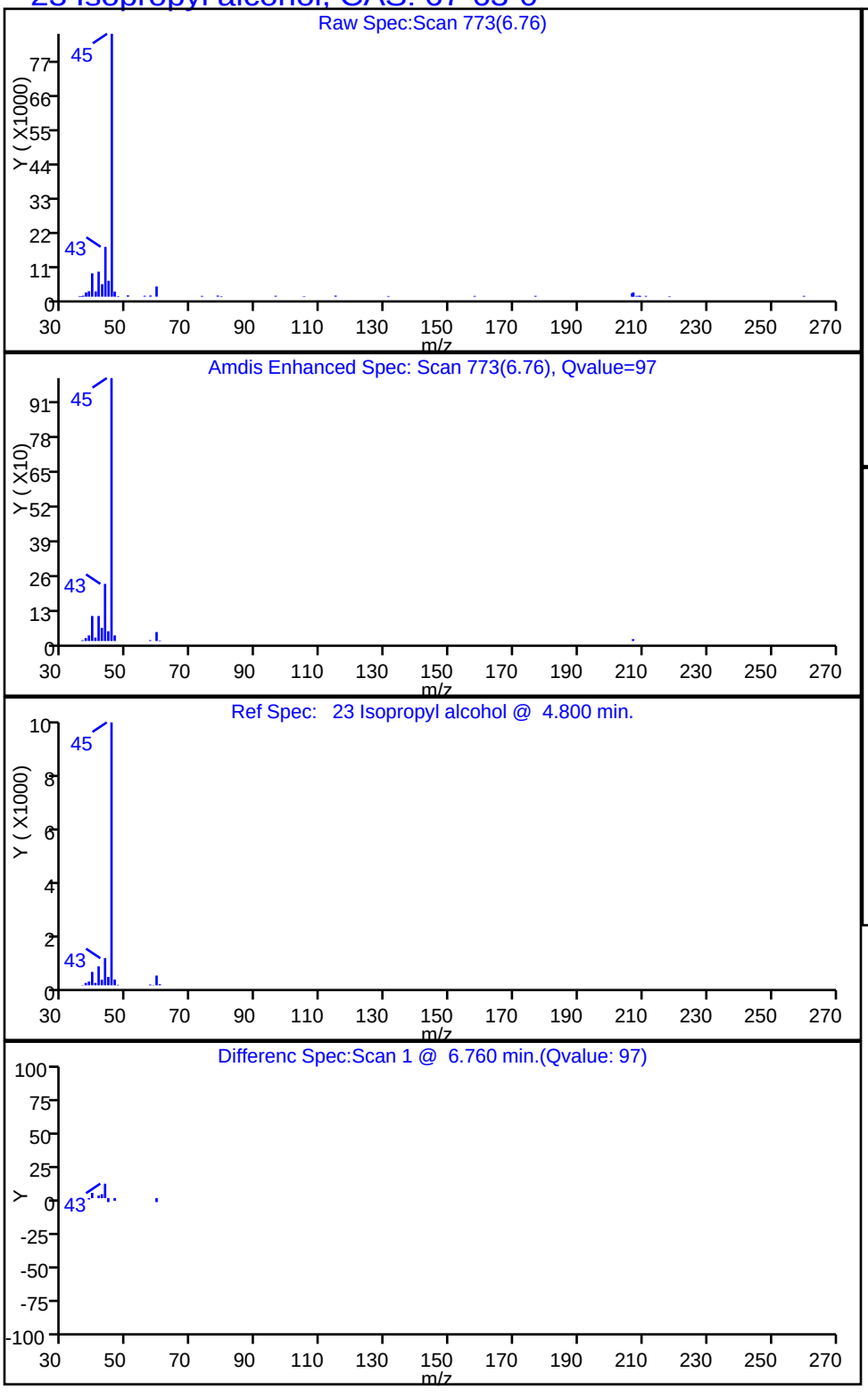


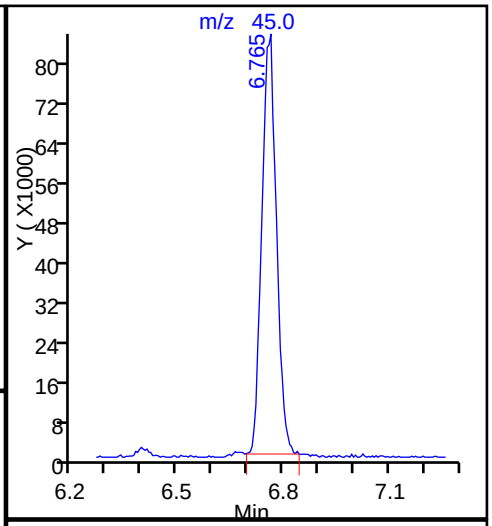


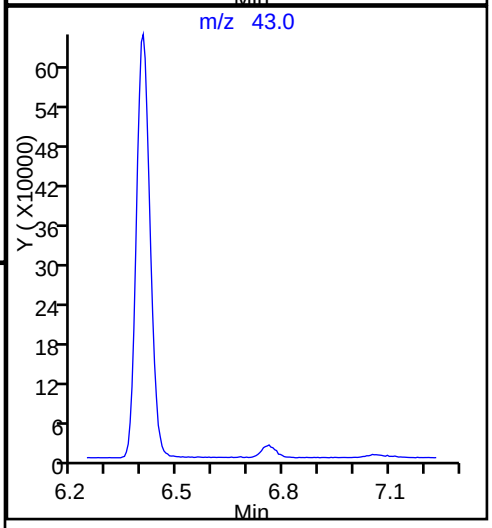
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Isopropyl alcohol, CAS: 67-63-0







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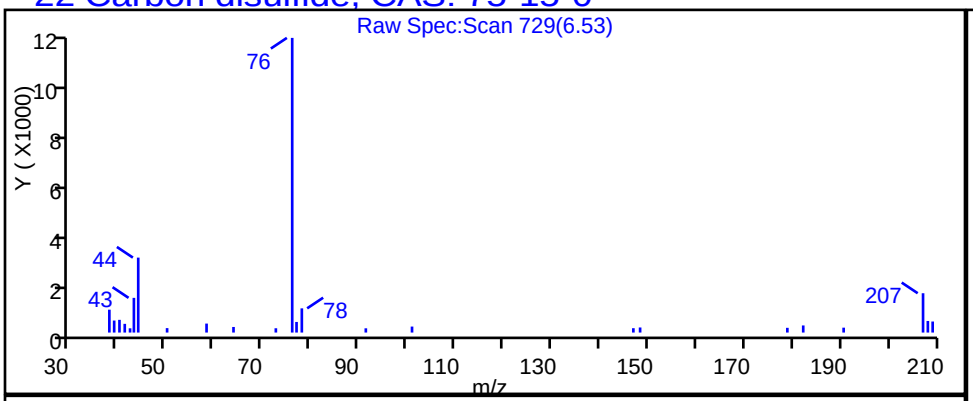
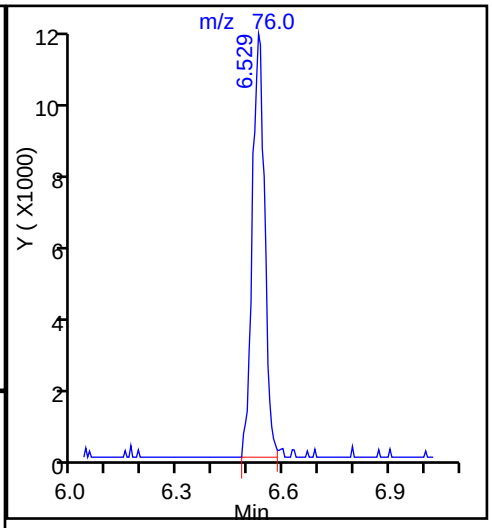
TestAmerica Burlington

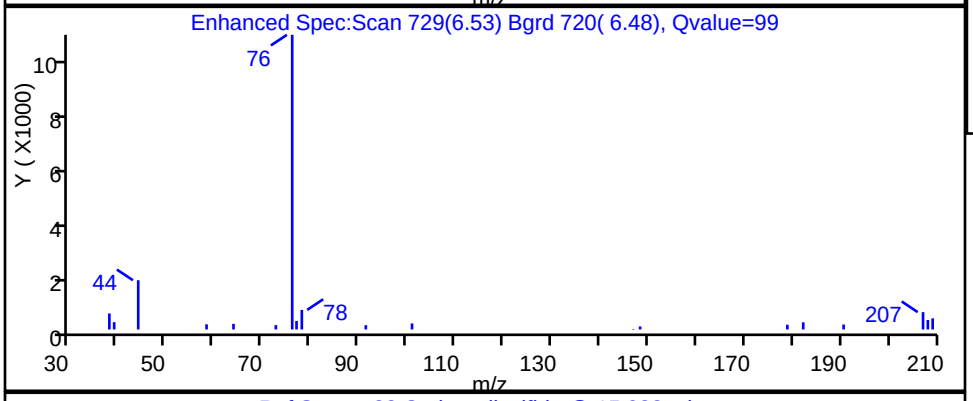
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D

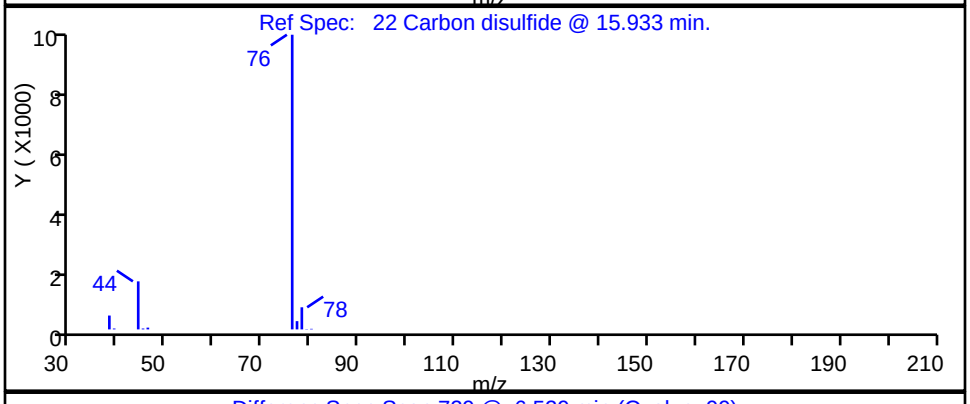
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A
Client ID:	774VMP0101MA		
Operator ID:	bpl	ALS Bottle#:	4 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

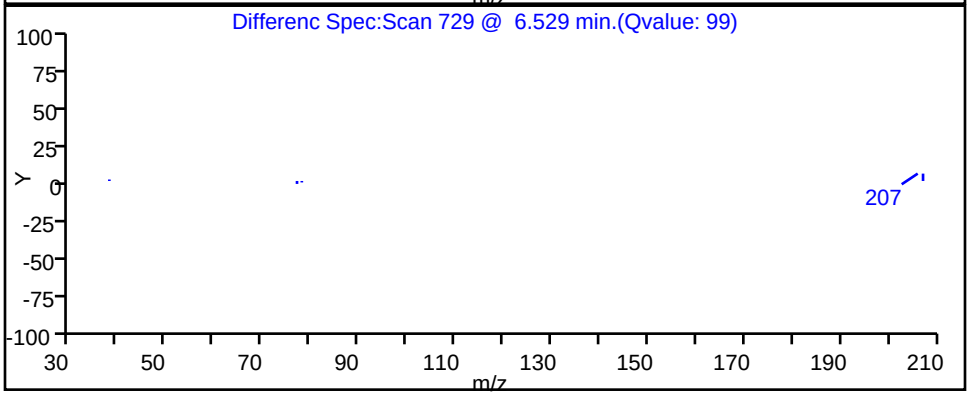
22 Carbon disulfide, CAS: 75-15-0











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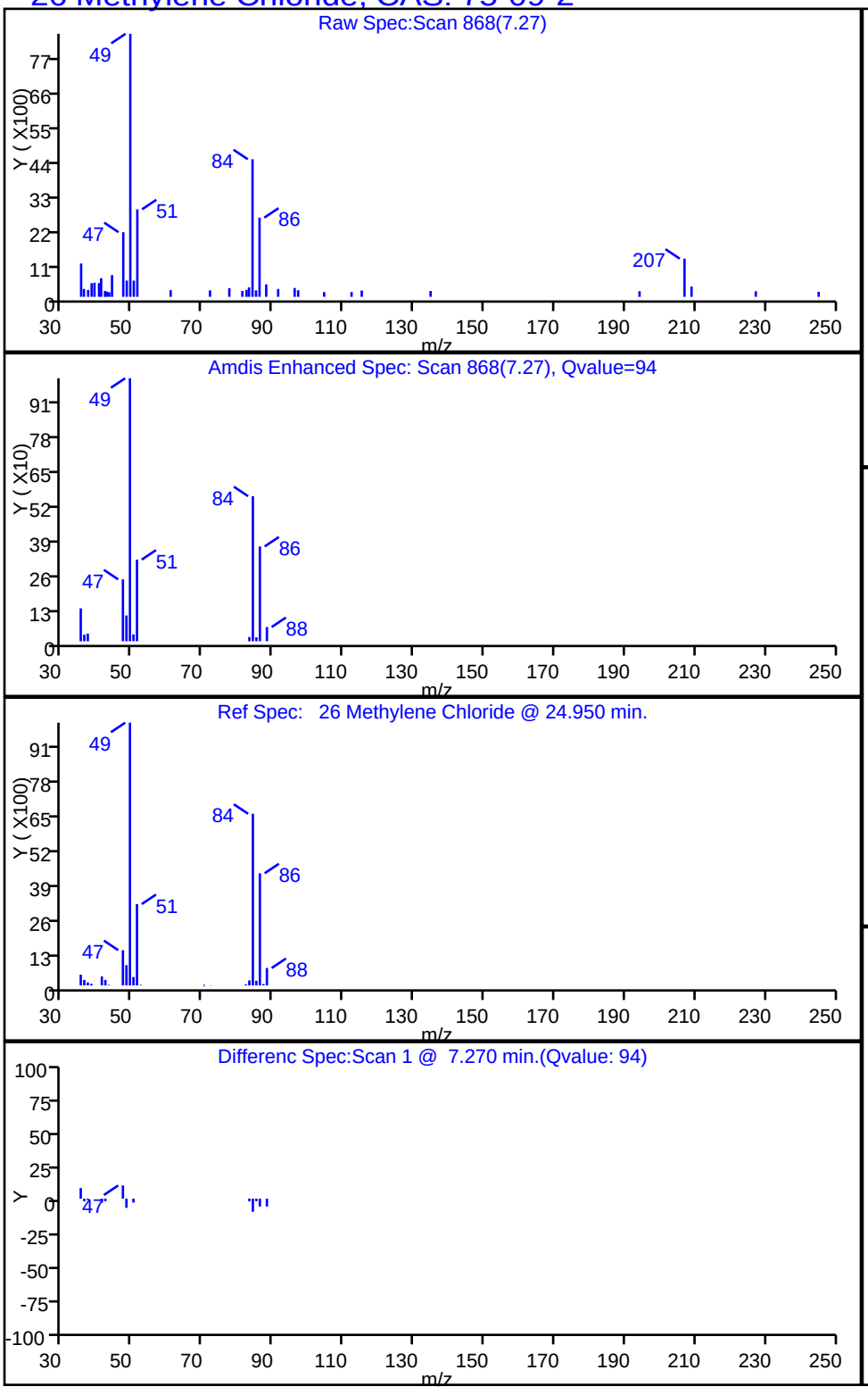
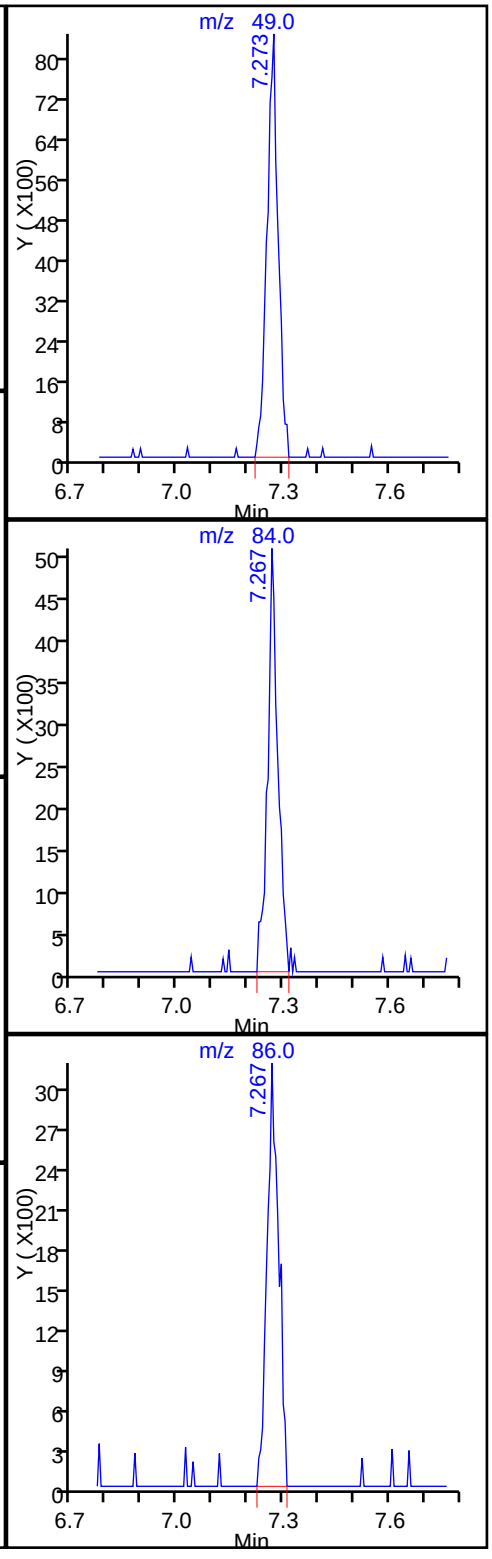
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D

Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A
Client ID:	774VMP0101MA		
Operator ID:	bpl	ALS Bottle#:	4 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

26 Methylene Chloride, CAS: 75-09-2





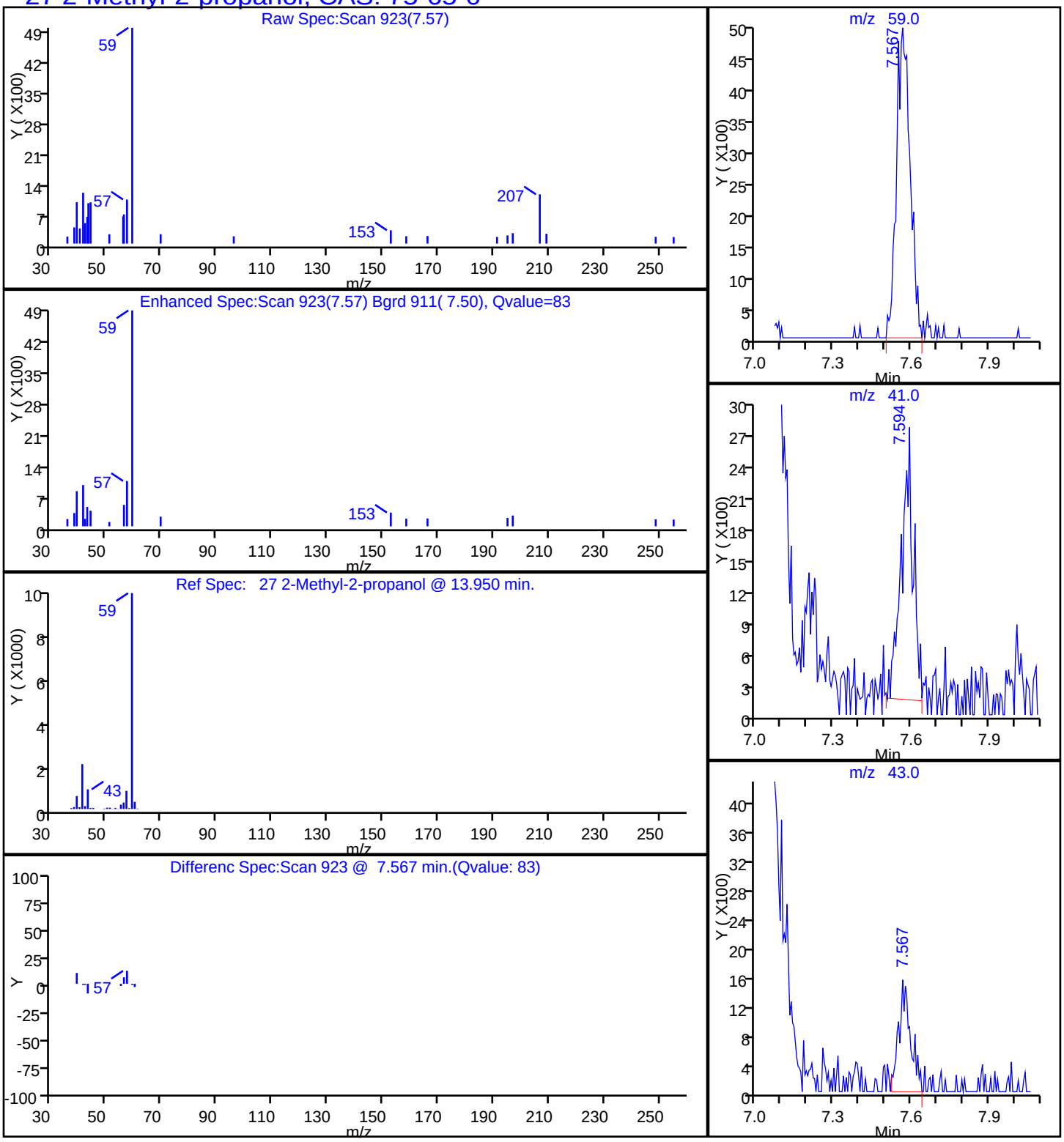
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D

Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 2-Methyl-2-propanol, CAS: 75-65-0

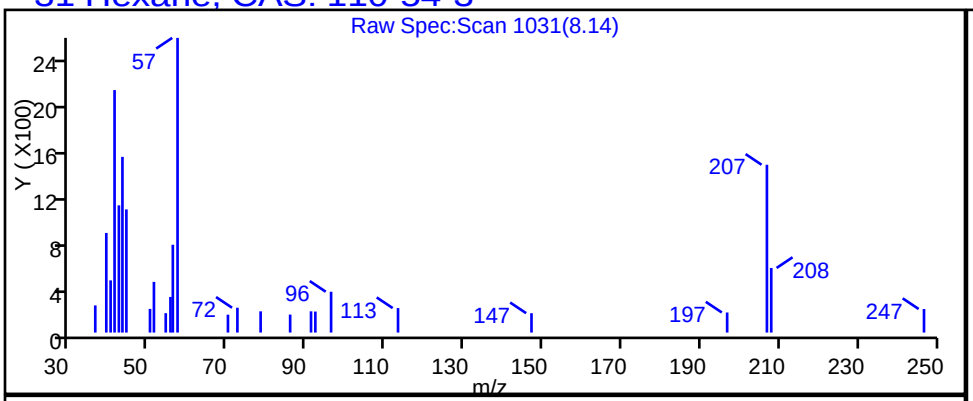


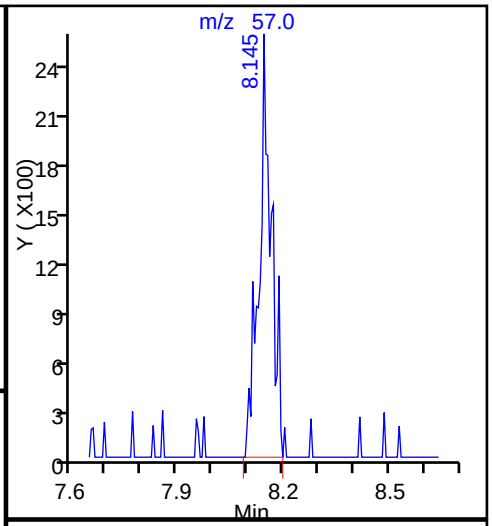
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

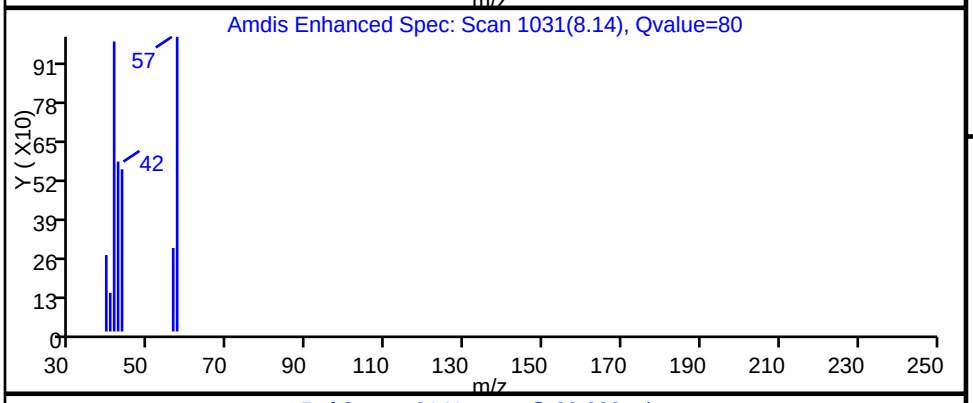
TestAmerica Burlington

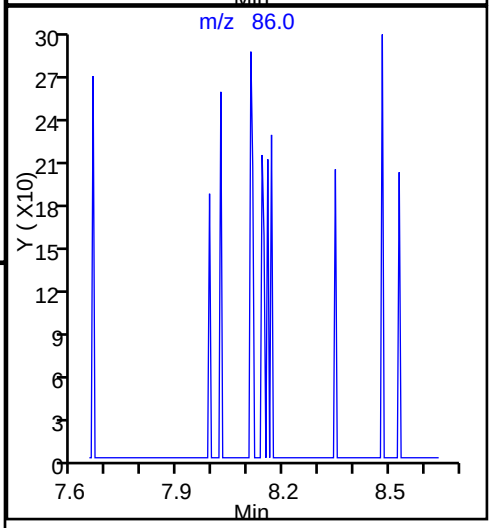
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

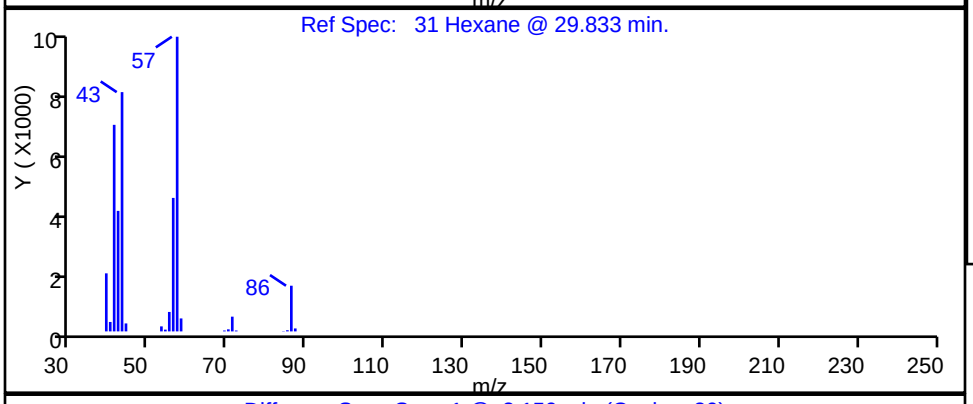
31 Hexane, CAS: 110-54-3

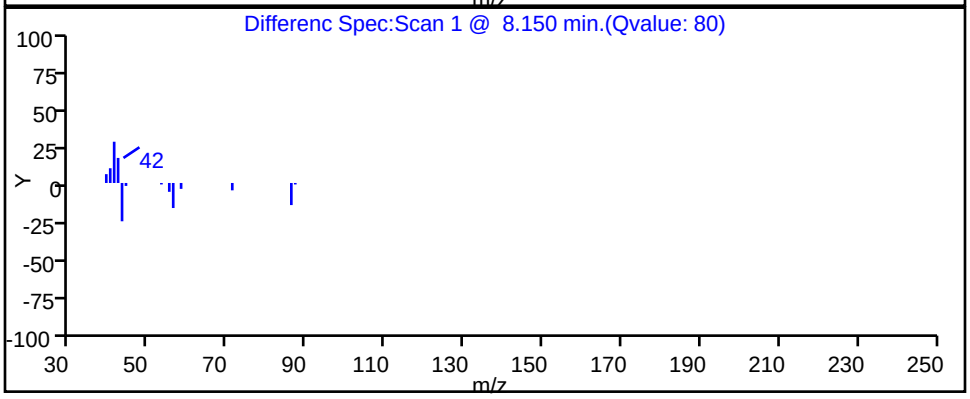












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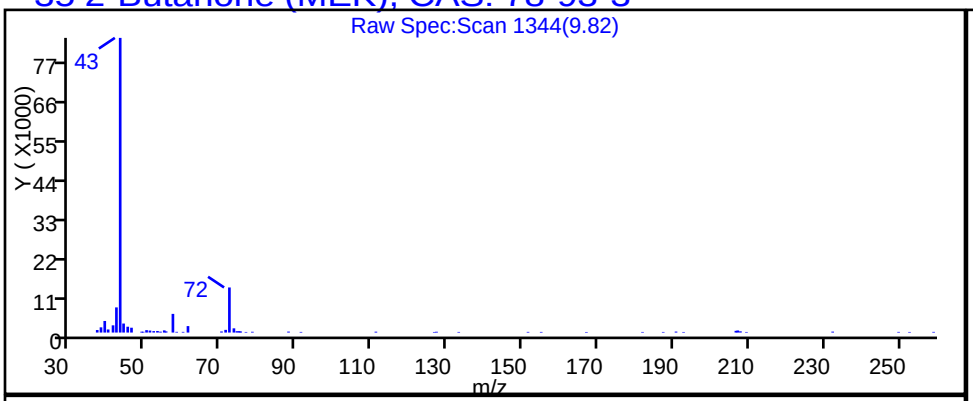
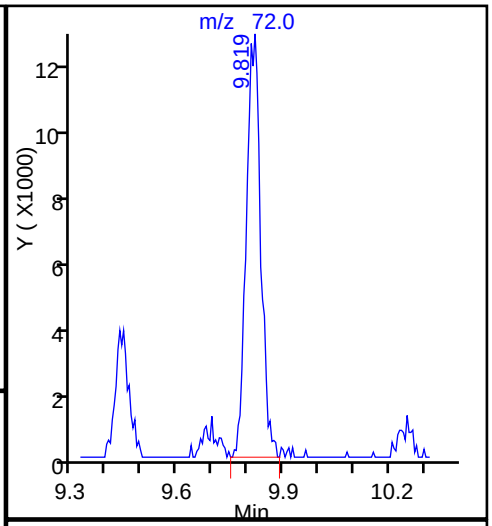
TestAmerica Burlington

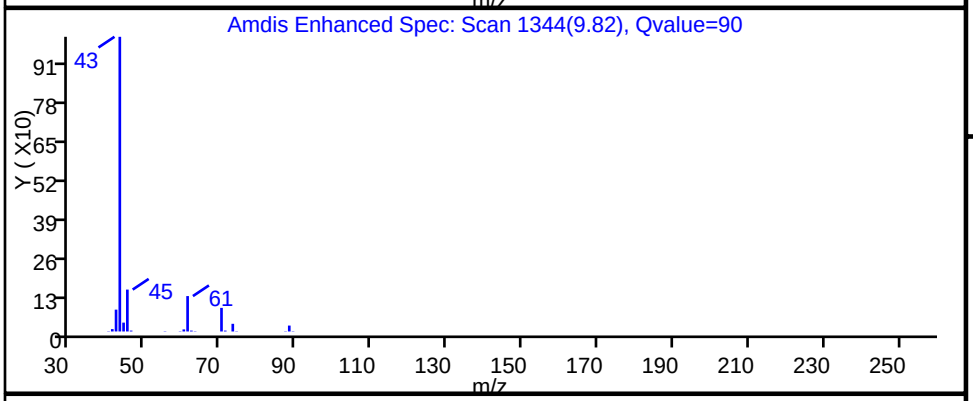
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D

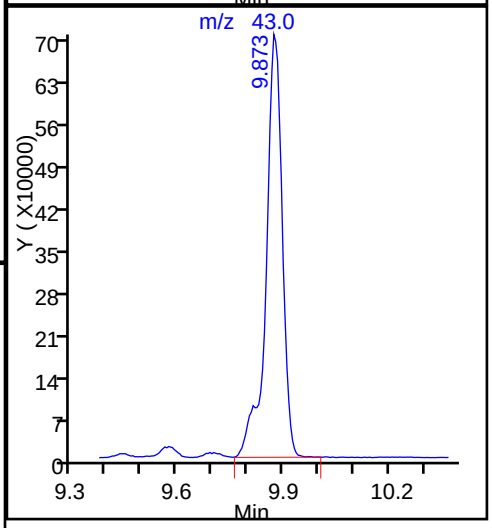
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A
Client ID:	774VMP0101MA		
Operator ID:	bpl	ALS Bottle#:	4 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

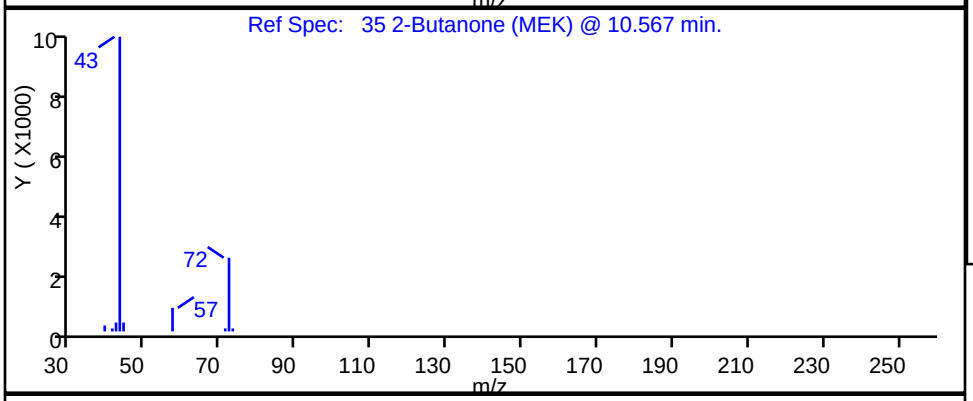
35 2-Butanone (MEK), CAS: 78-93-3

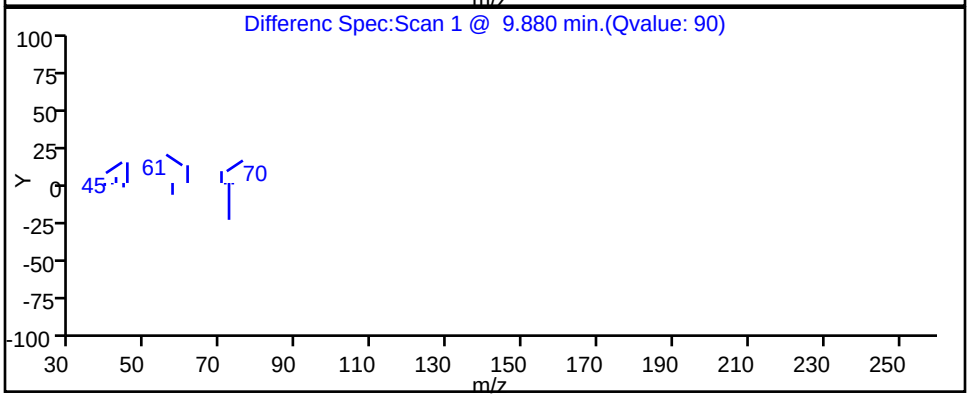












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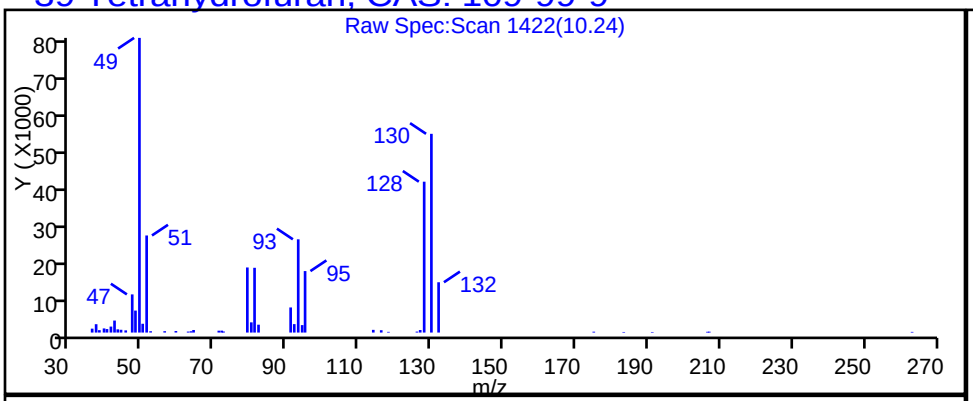
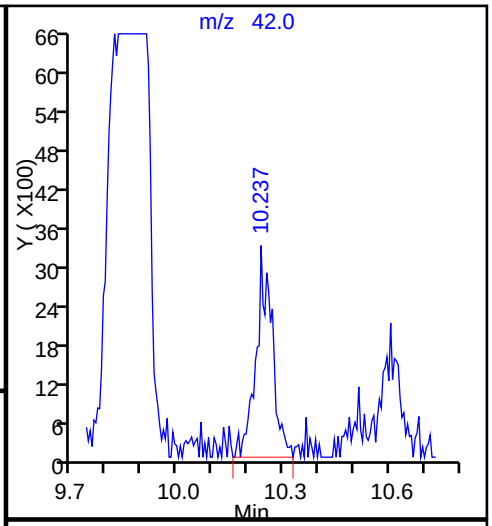
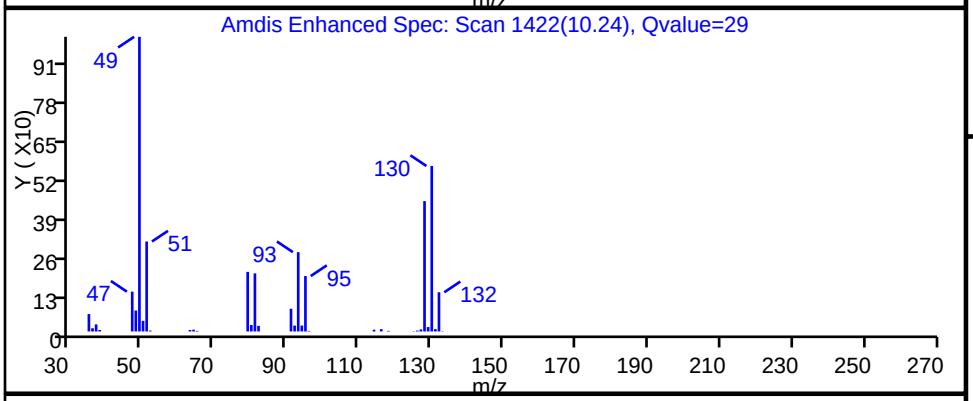
TestAmerica Burlington

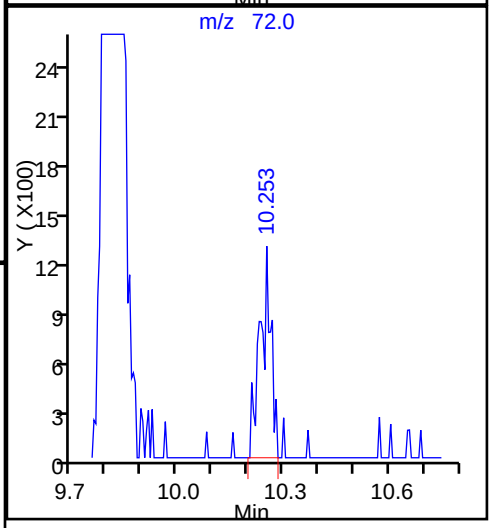
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

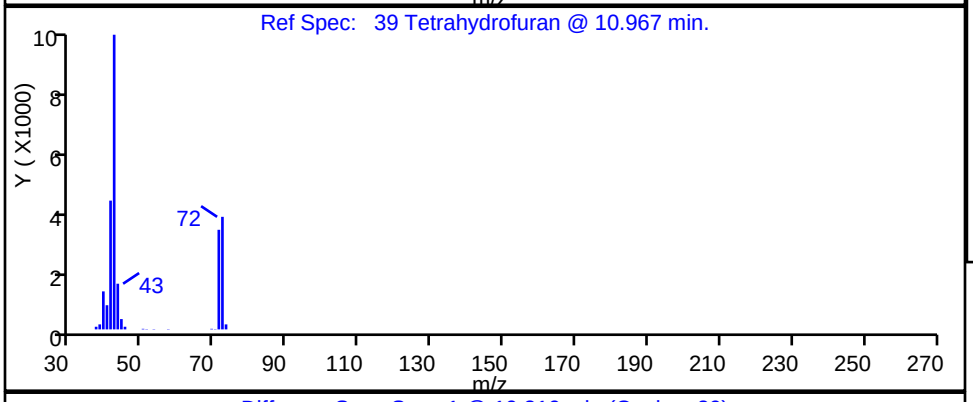
39 Tetrahydrofuran, CAS: 109-99-9

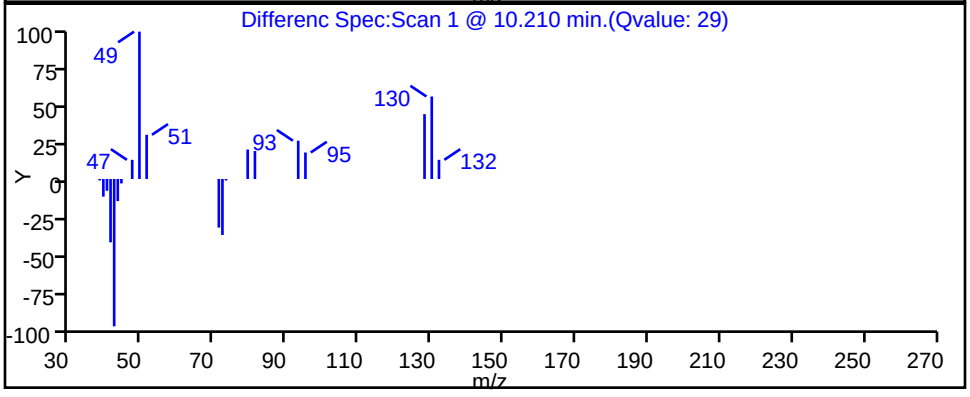










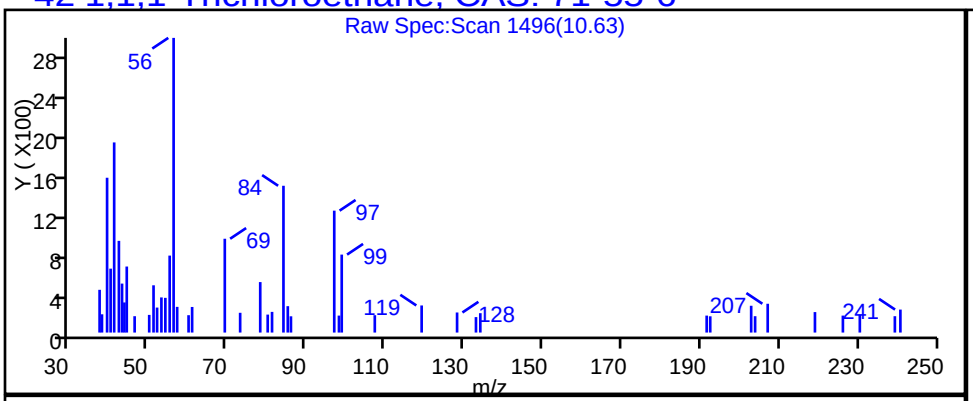


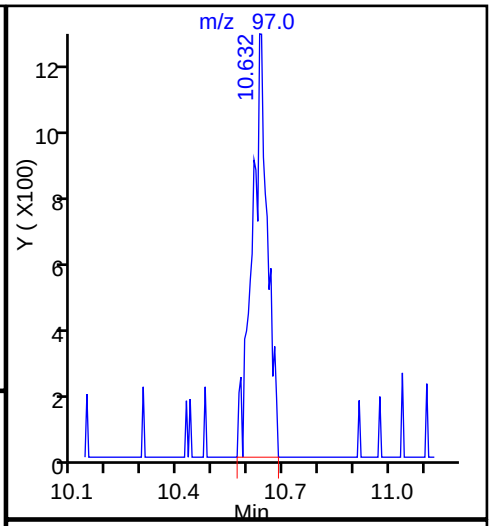
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

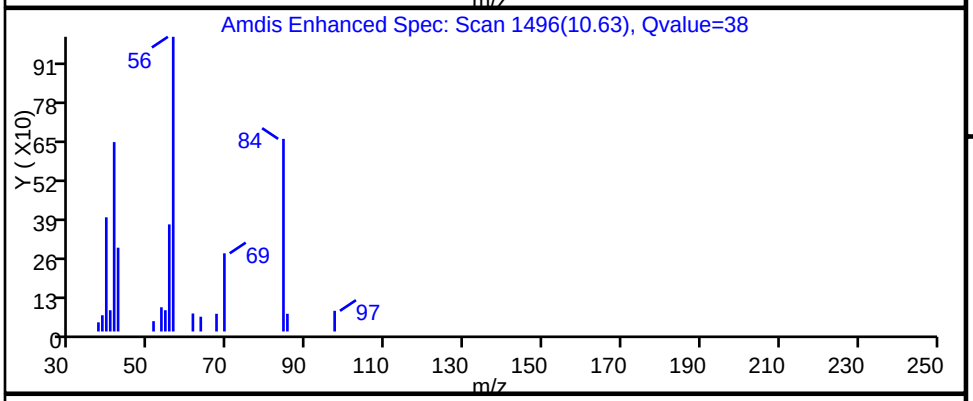
TestAmerica Burlington

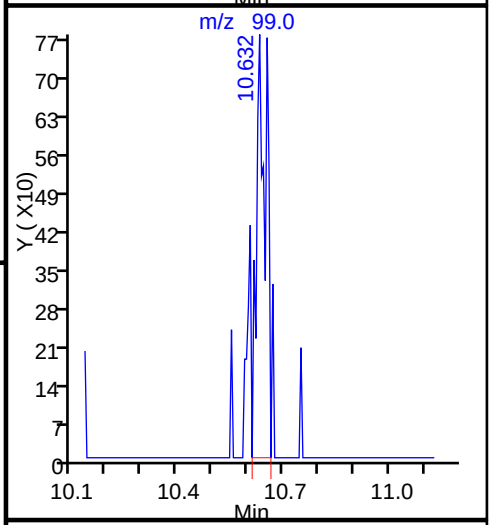
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

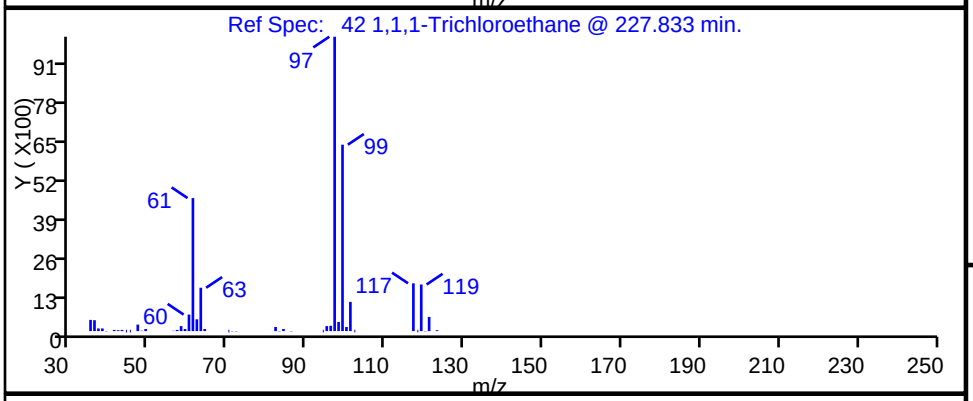
42 1,1,1-Trichloroethane, CAS: 71-55-6

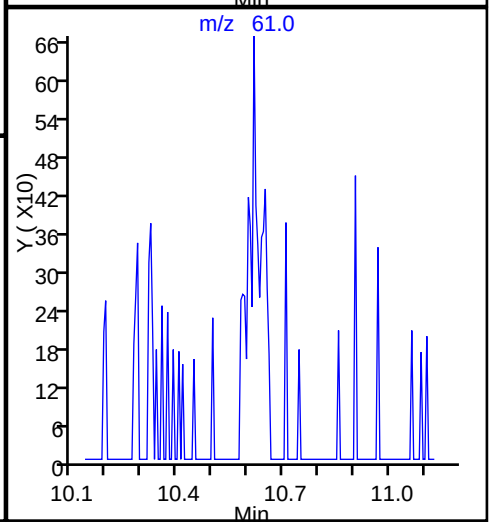


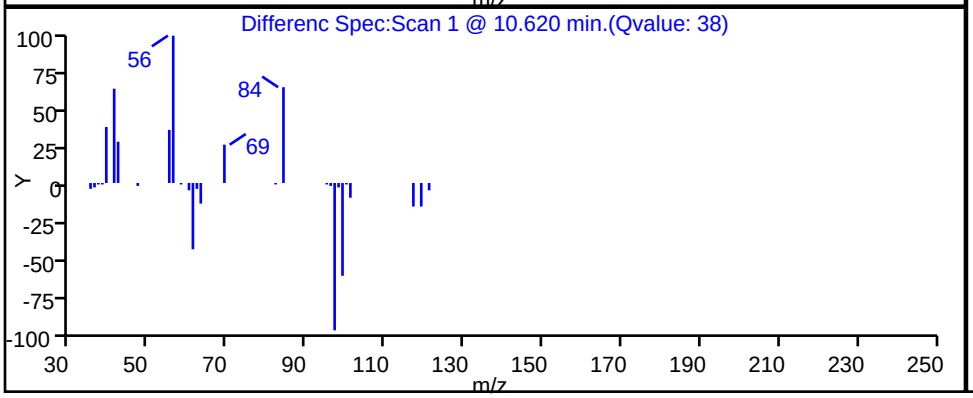












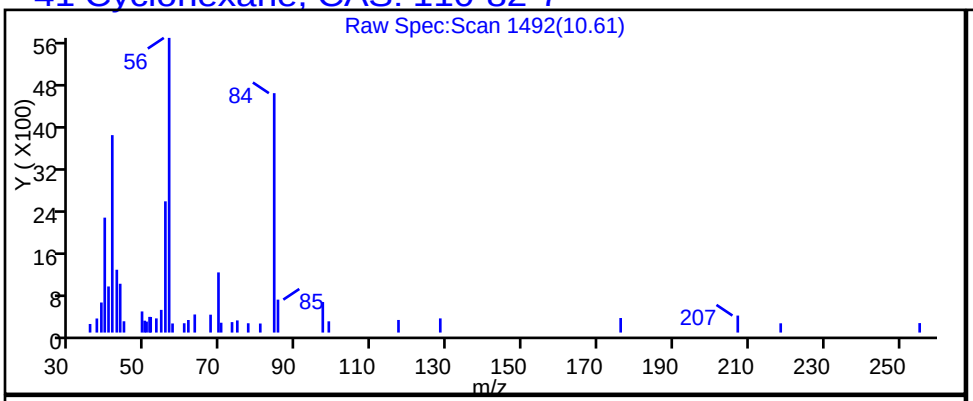
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

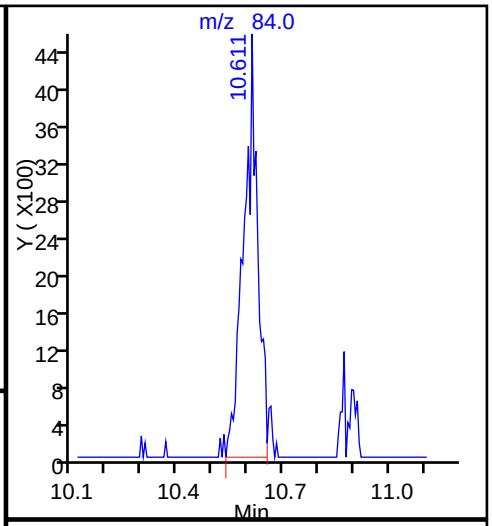
TestAmerica Burlington

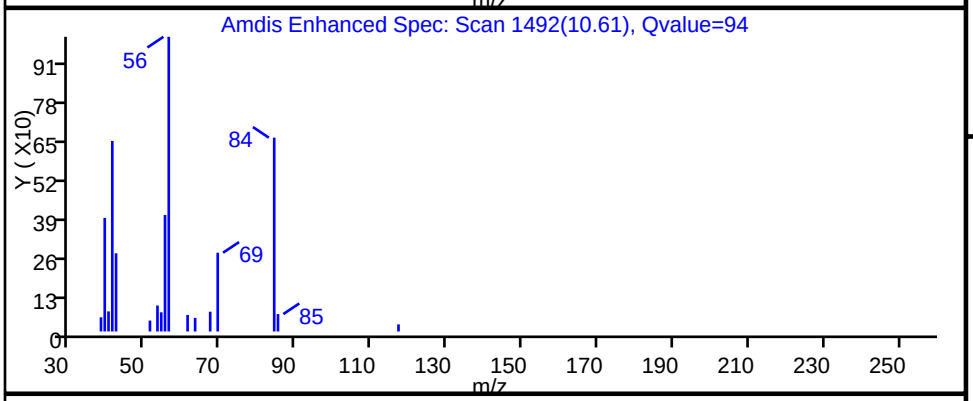
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D

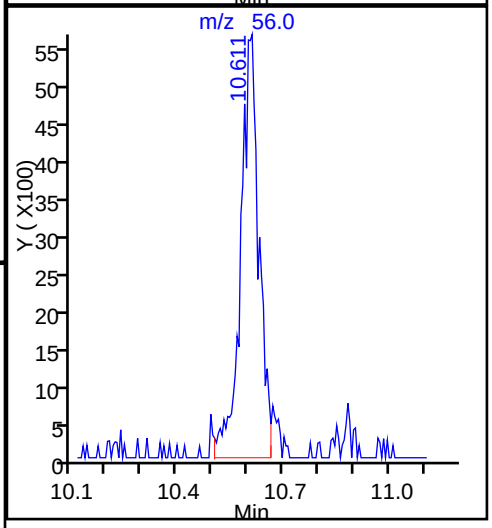
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

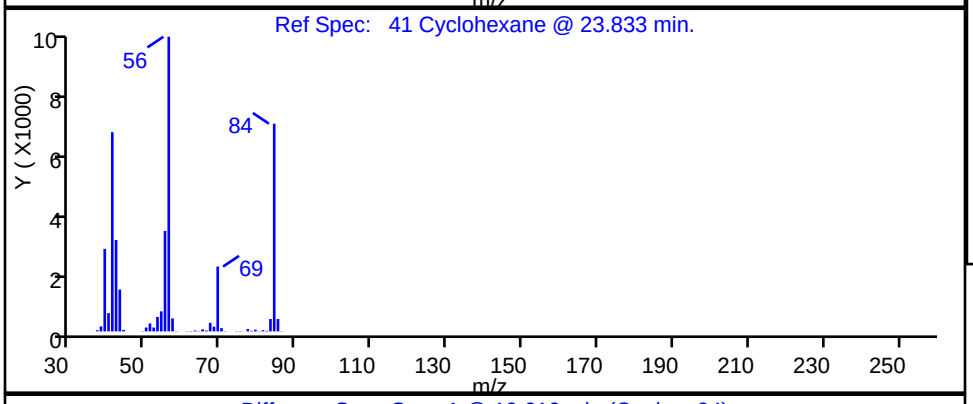
41 Cyclohexane, CAS: 110-82-7

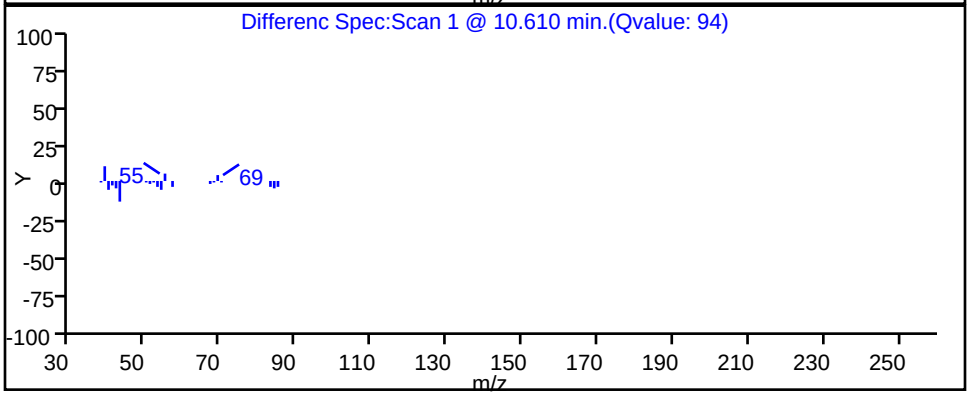












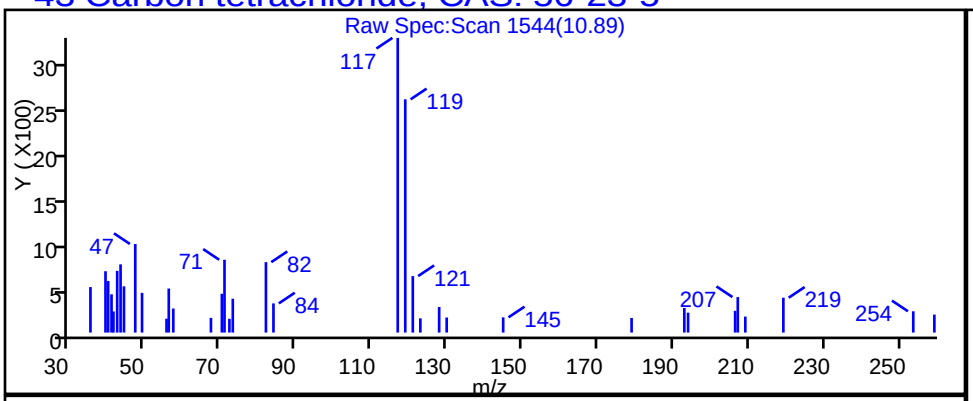
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

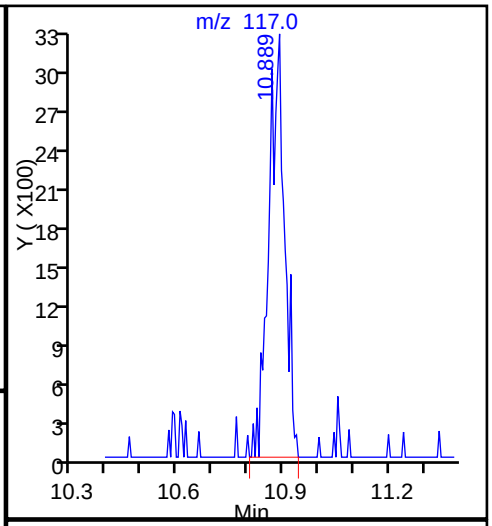
TestAmerica Burlington

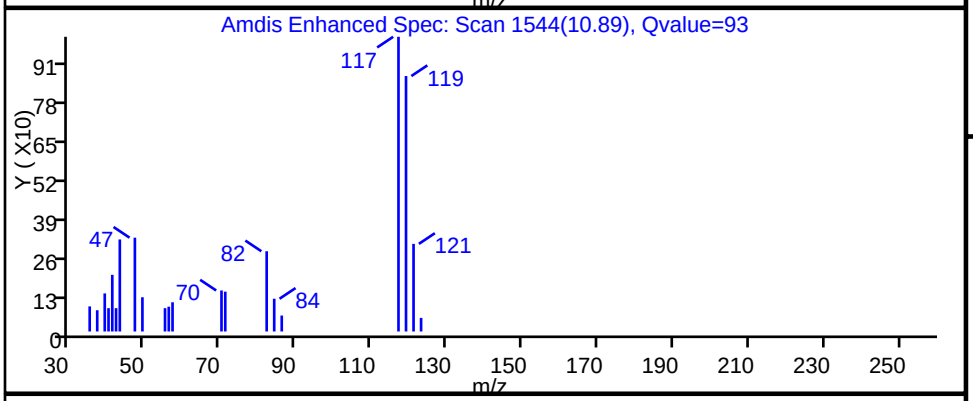
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D

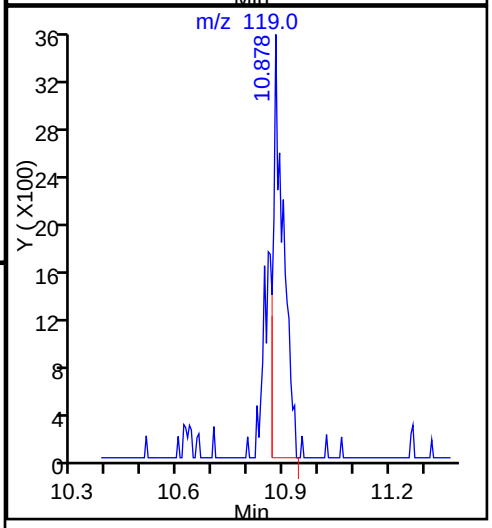
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A
Client ID:	774VMP0101MA		
Operator ID:	bpl	ALS Bottle#:	4 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

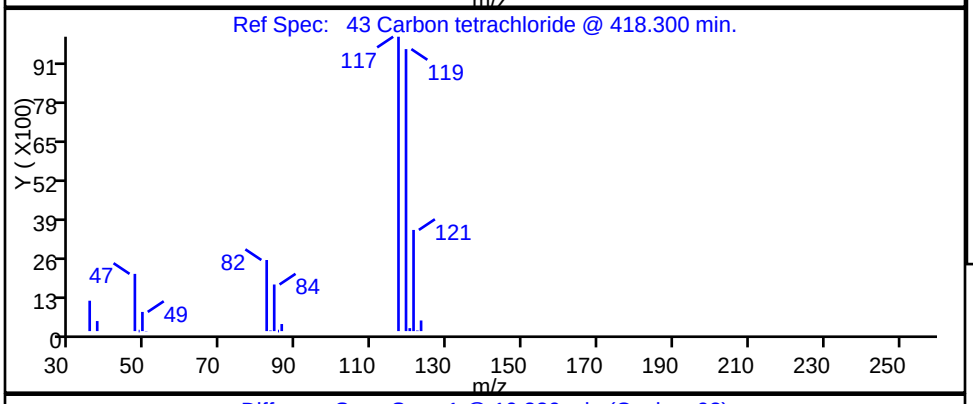
43 Carbon tetrachloride, CAS: 56-23-5

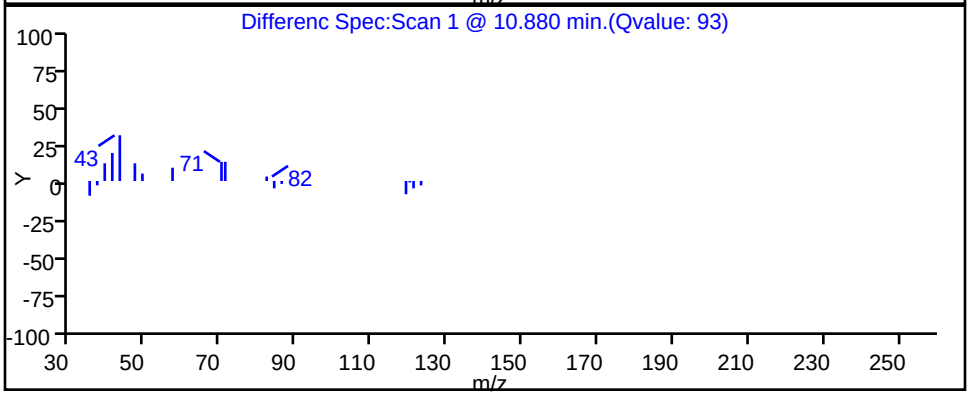










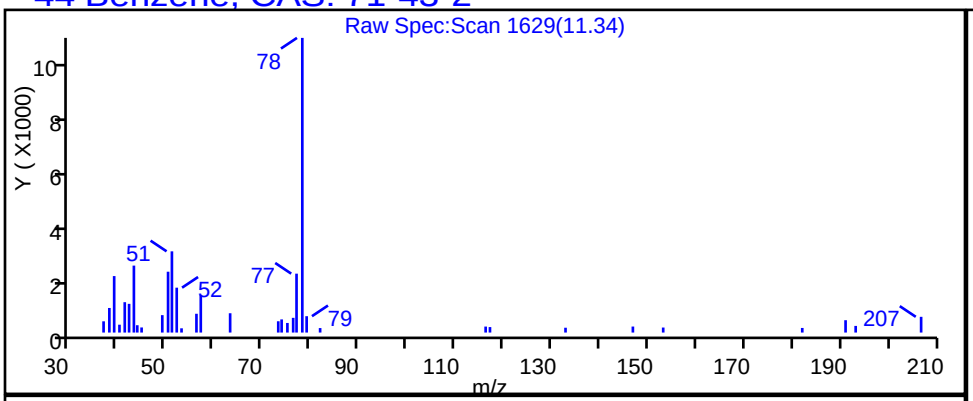


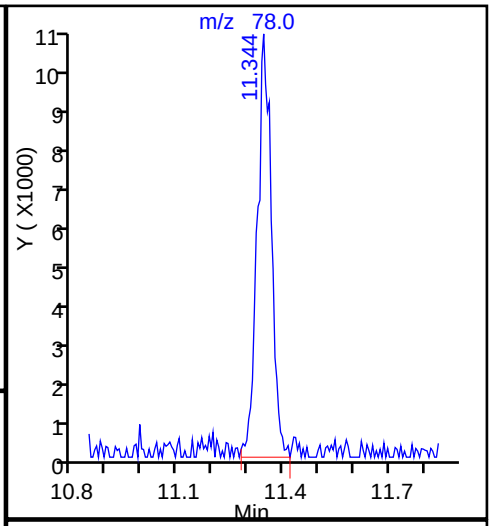
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

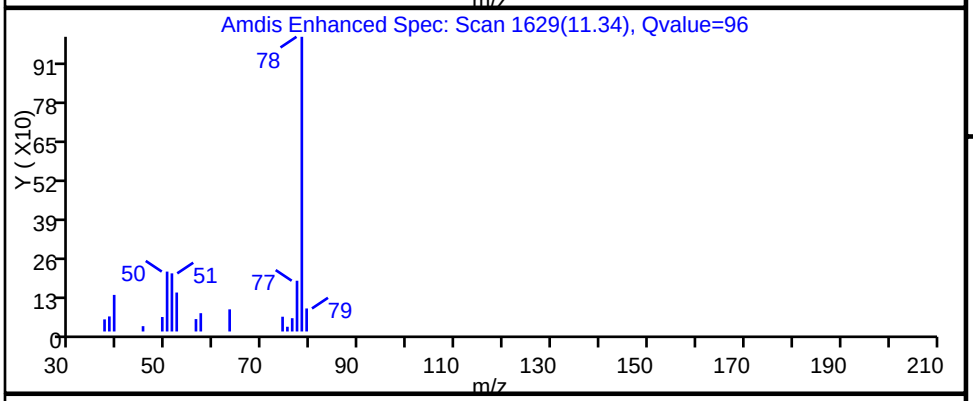
TestAmerica Burlington

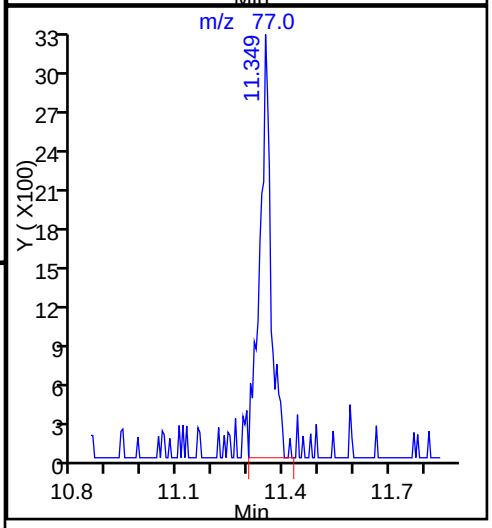
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

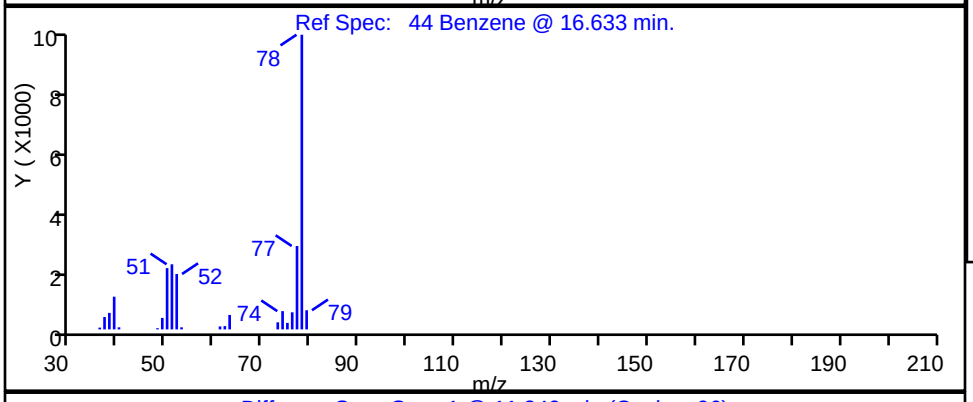
44 Benzene, CAS: 71-43-2

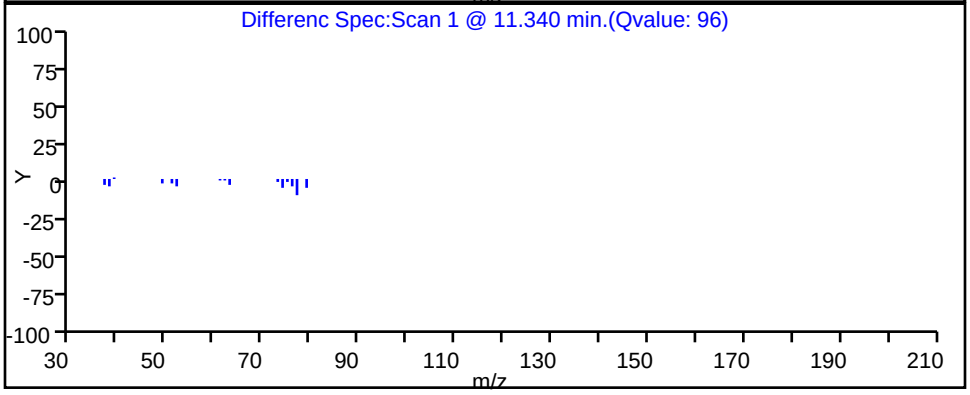










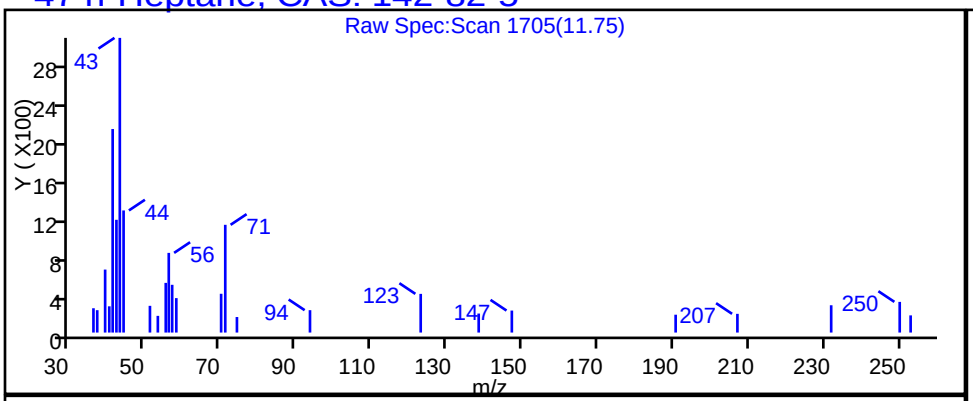


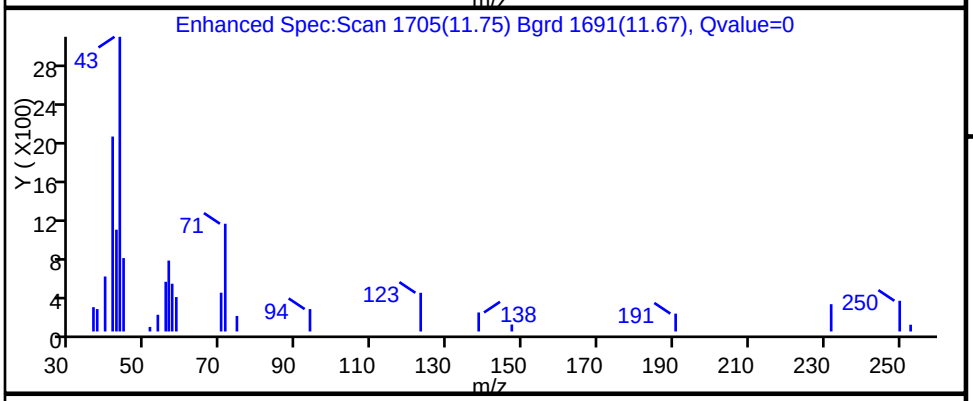
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

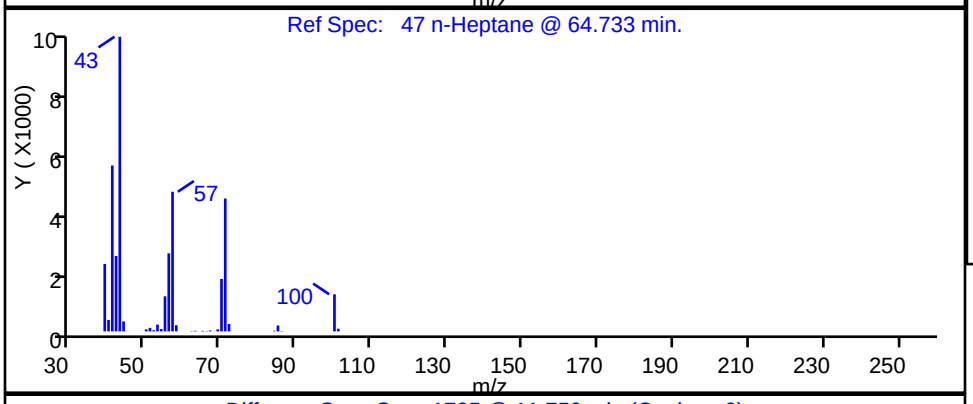
TestAmerica Burlington

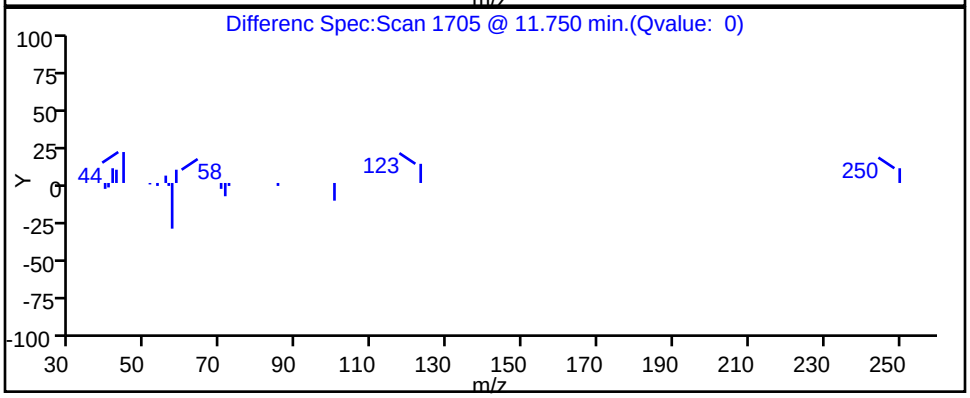
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

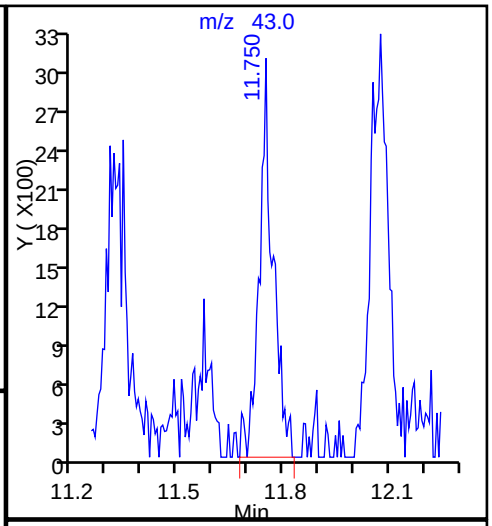
47 n-Heptane, CAS: 142-82-5

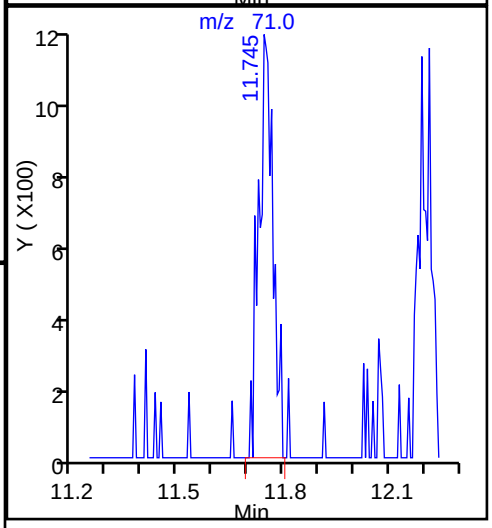






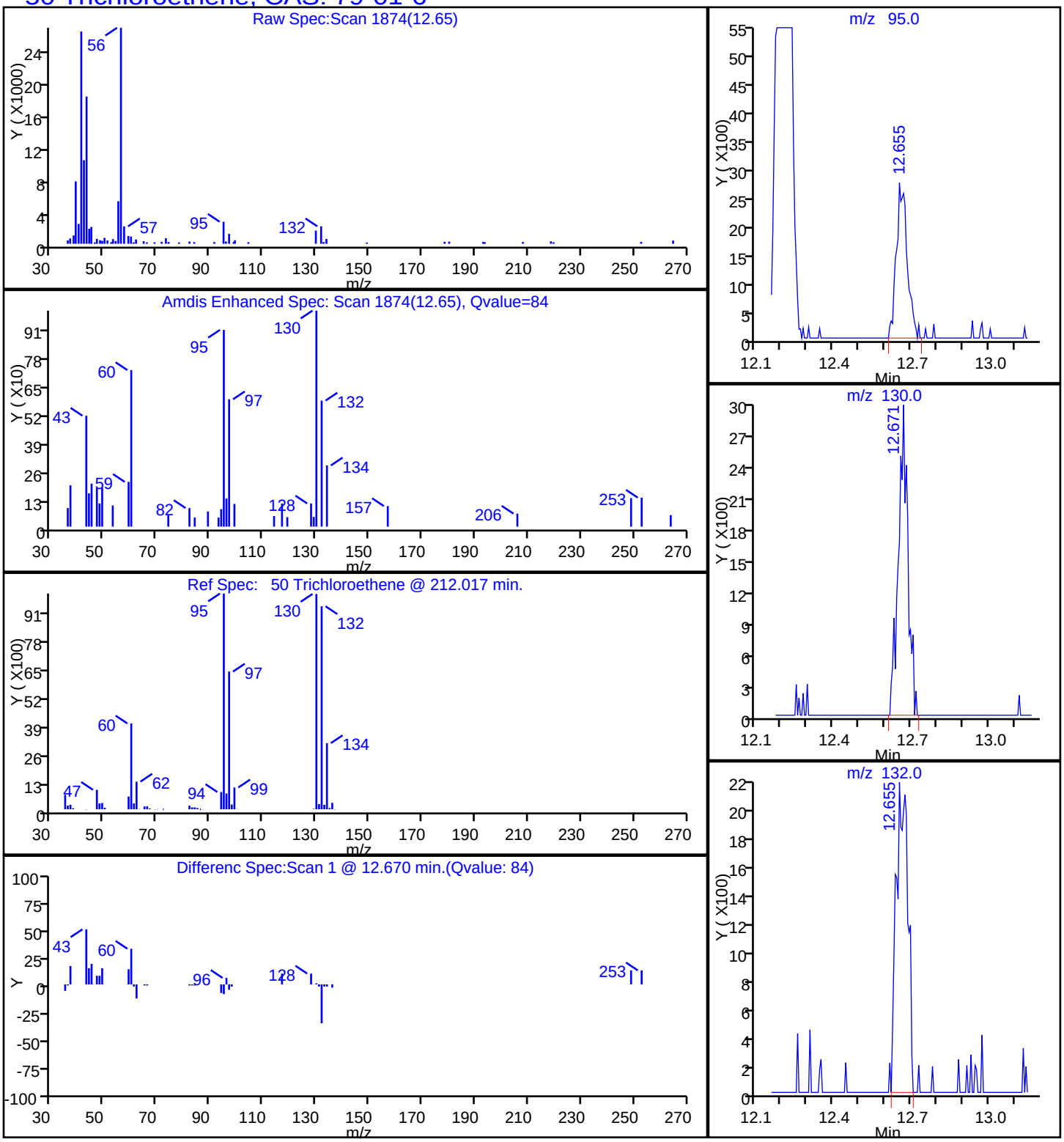






Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D
Injection Date: 30-Jan-2015 13:54:30 Instrument ID: CHG.i
Lims ID: 280-64806-A-11 Lab Sample ID: Client 200-84038/7-A
Client ID: 774VMP0101MA
Operator ID: bpl ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

50 Trichloroethene, CAS: 79-01-6

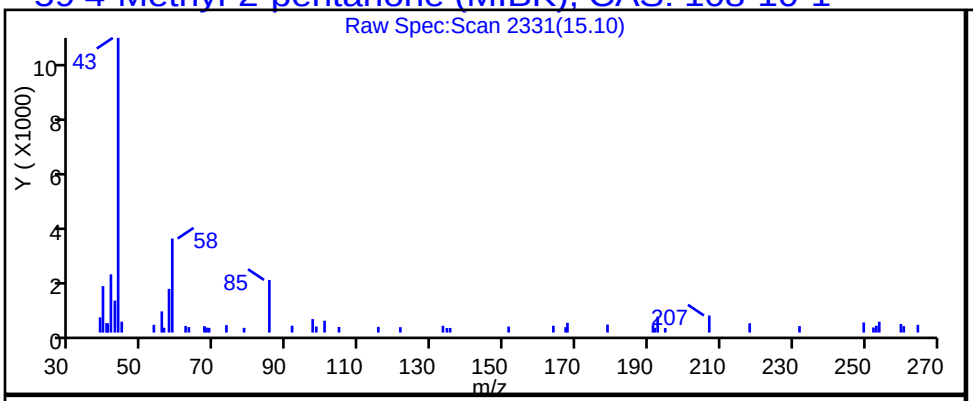


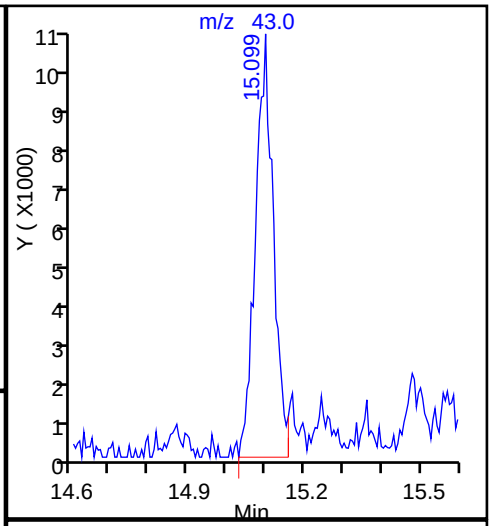
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

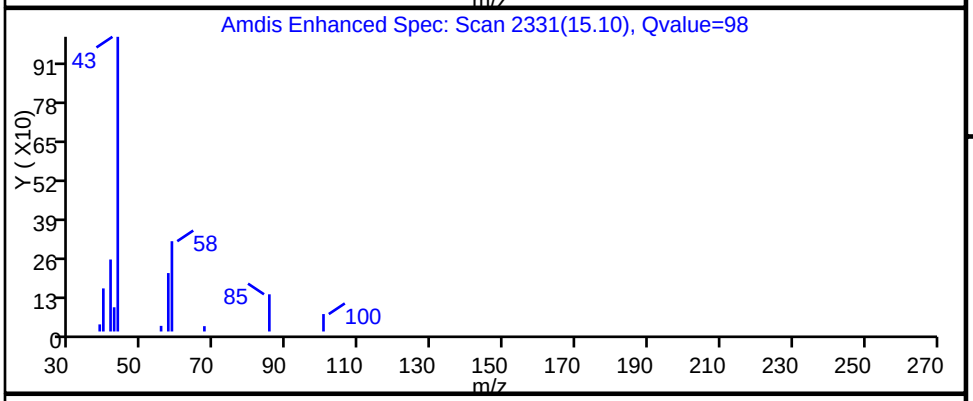
TestAmerica Burlington

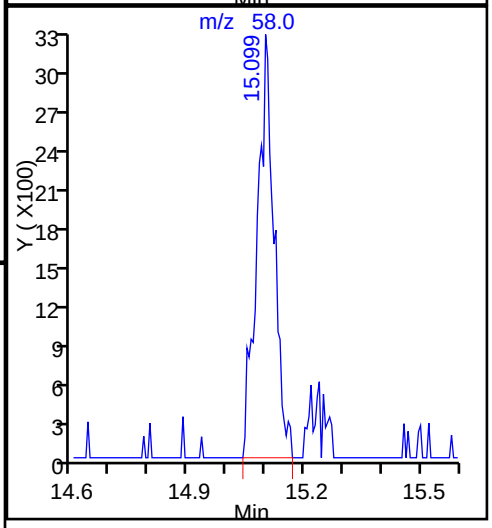
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

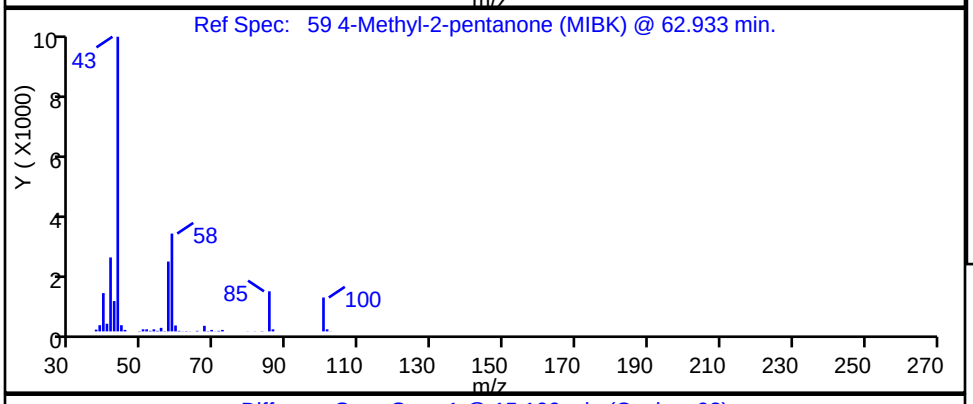
59 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

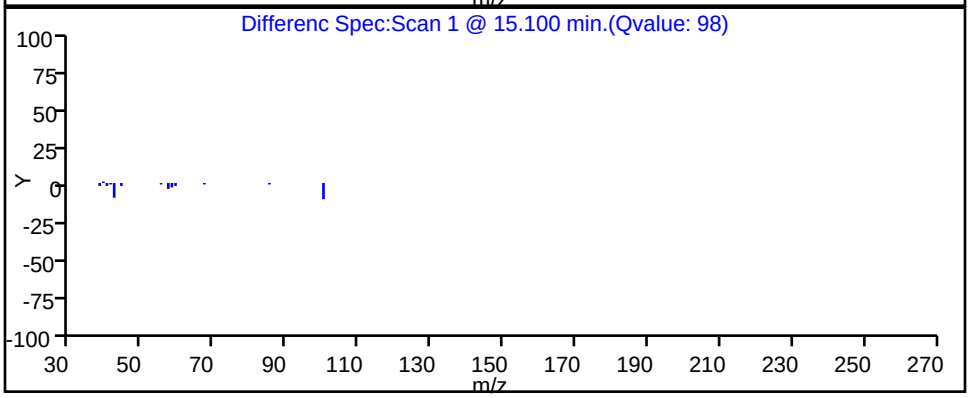












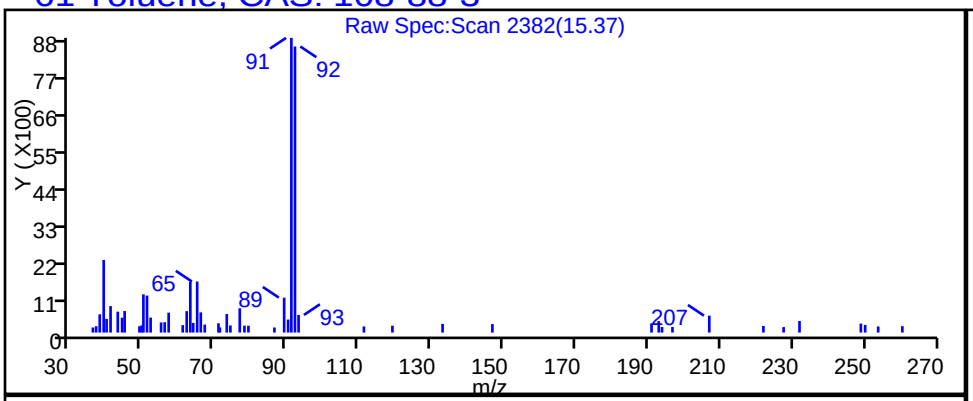
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

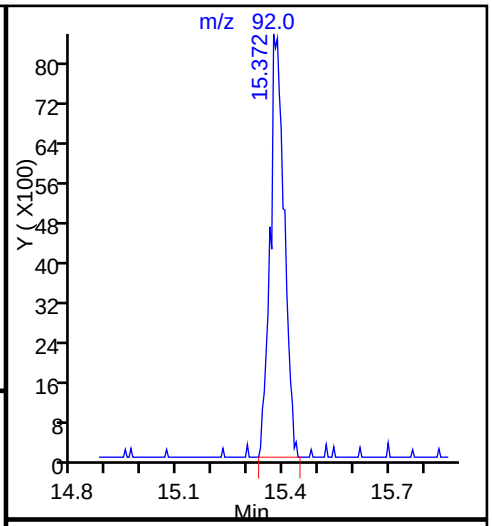
TestAmerica Burlington

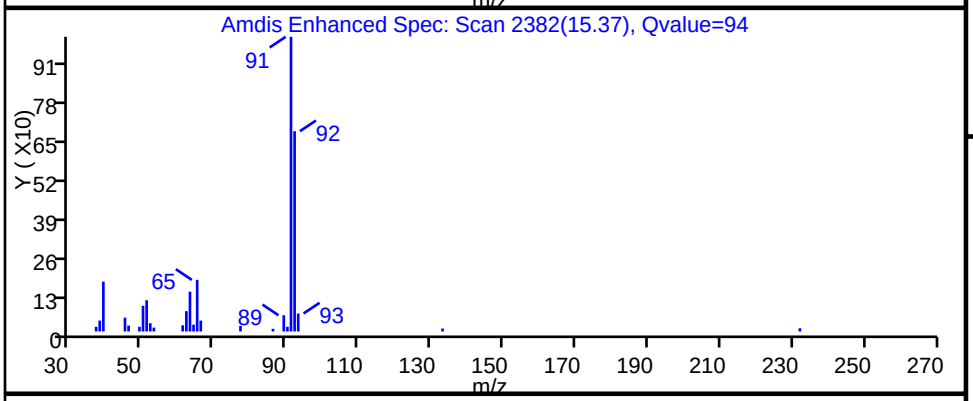
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D

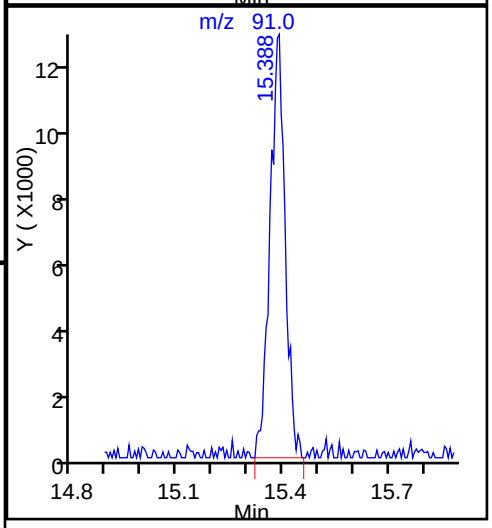
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A
Client ID:	774VMP0101MA		
Operator ID:	bpl	ALS Bottle#:	4 Worklist Smp#: 7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

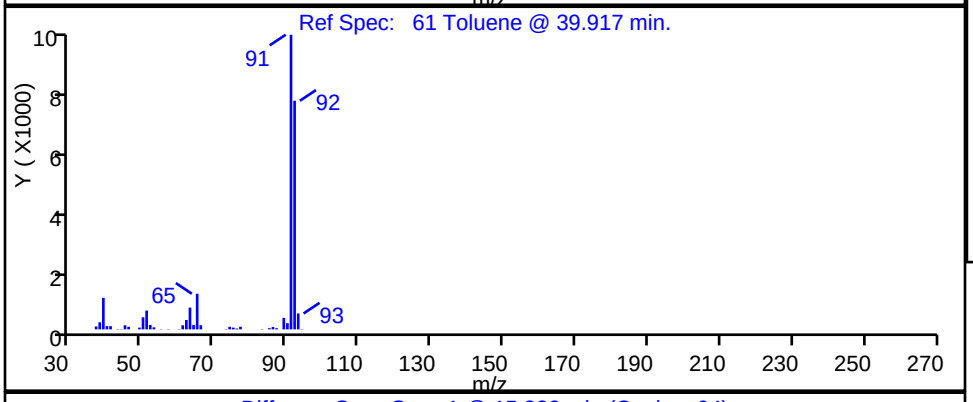
61 Toluene, CAS: 108-88-3

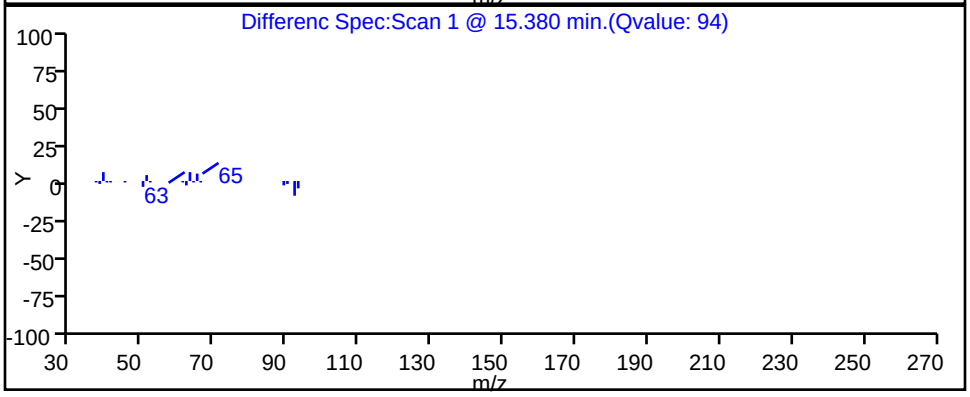










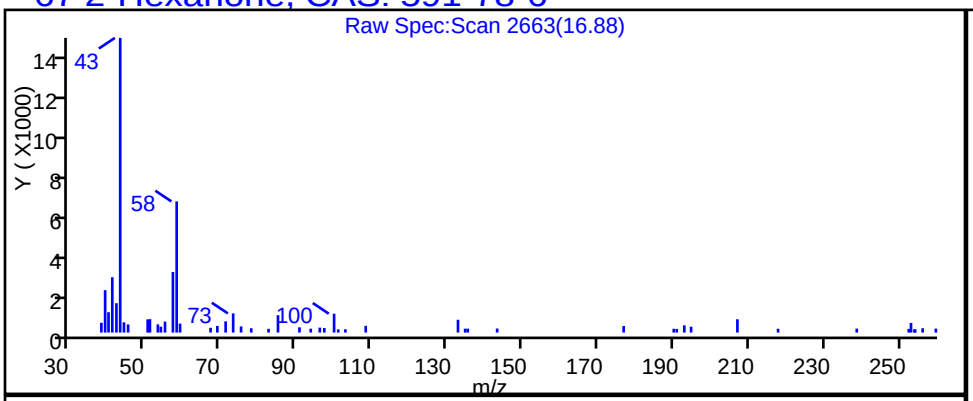


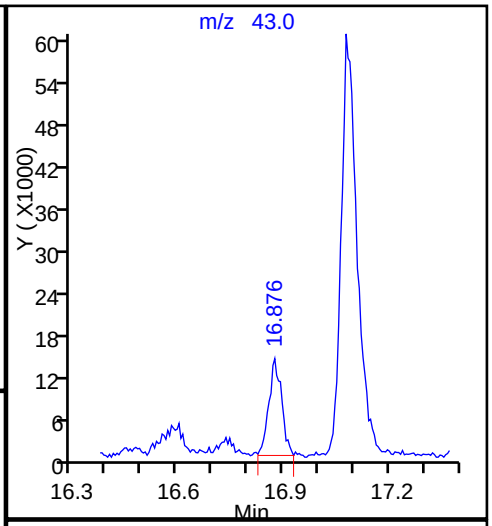
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

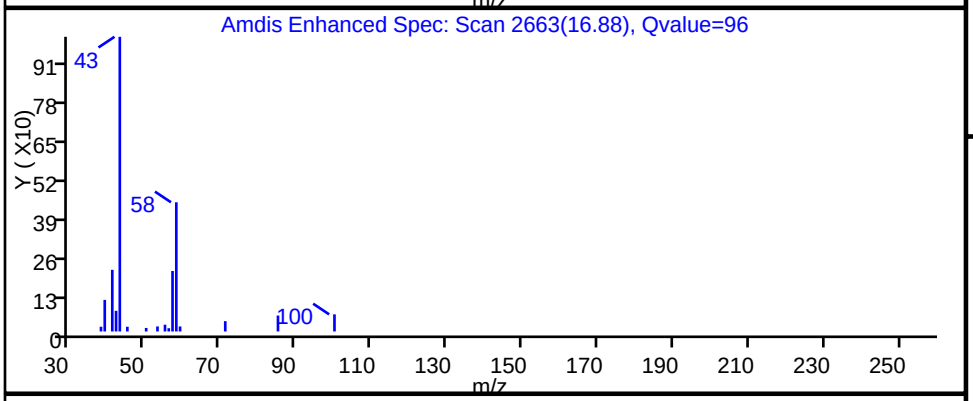
TestAmerica Burlington

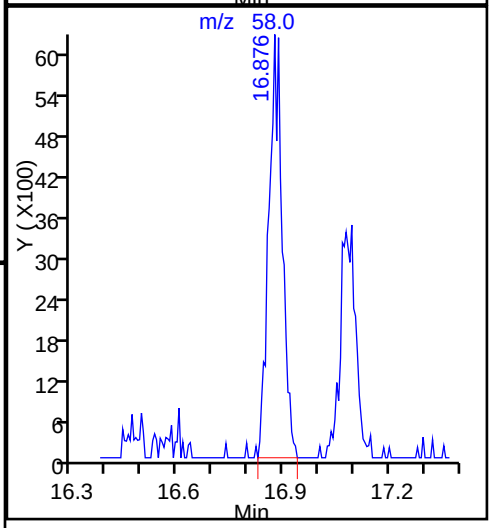
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

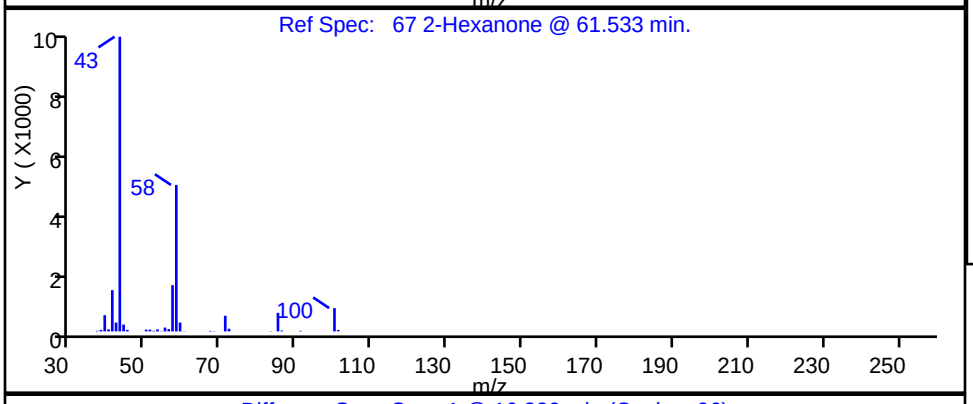
67 2-Hexanone, CAS: 591-78-6

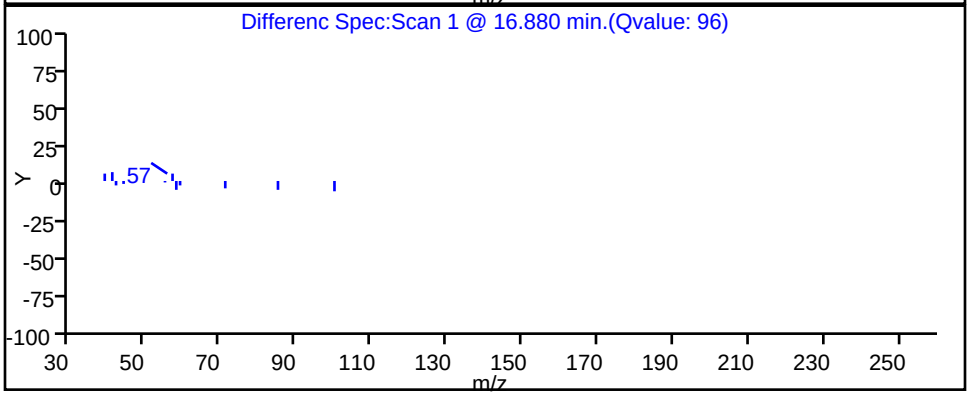










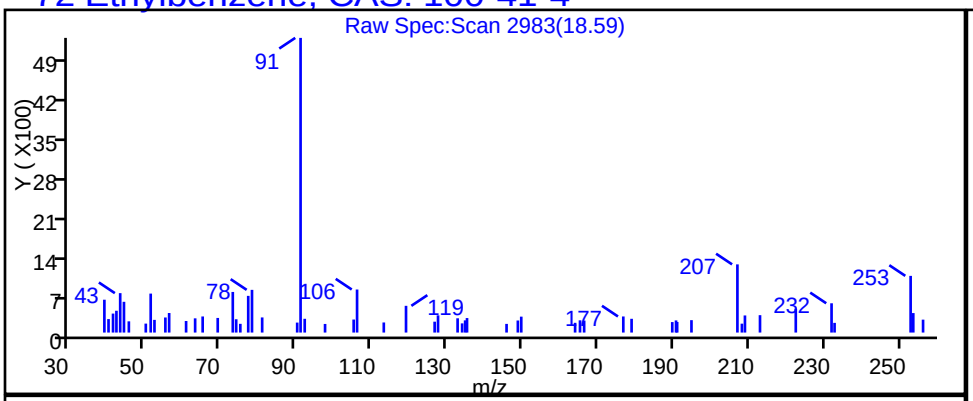


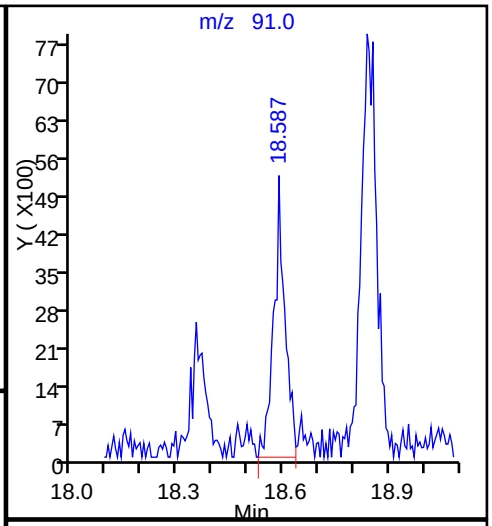
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

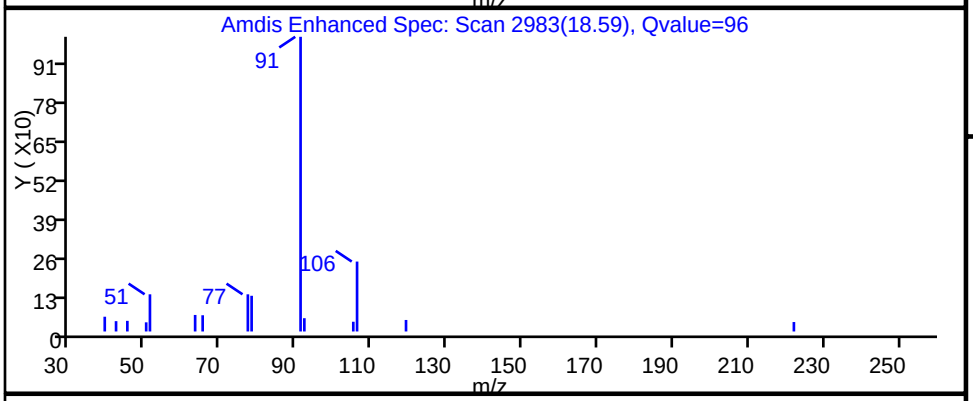
TestAmerica Burlington

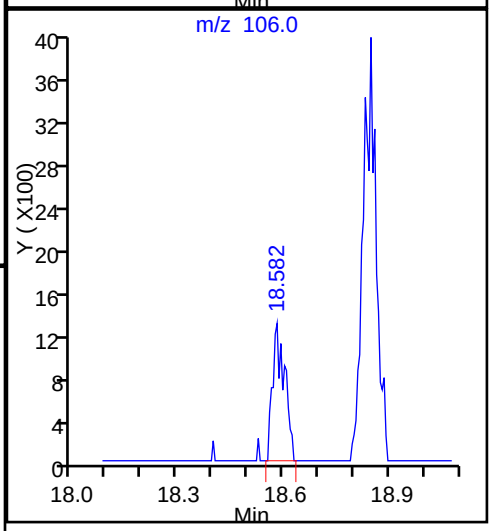
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

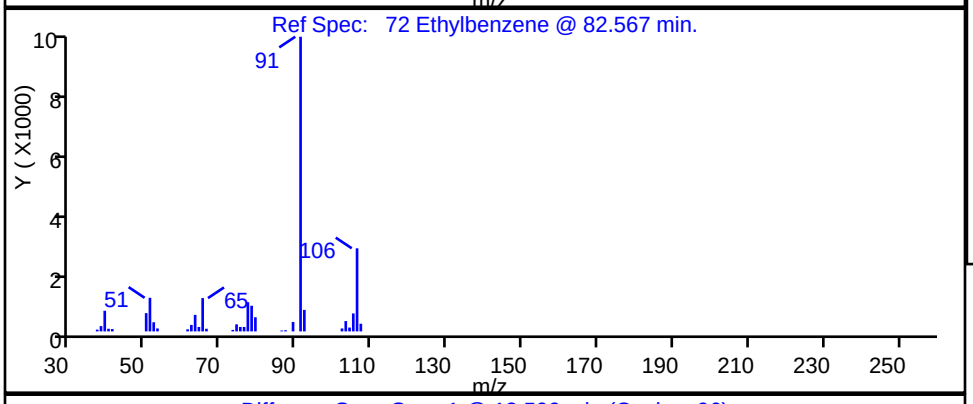
72 Ethylbenzene, CAS: 100-41-4

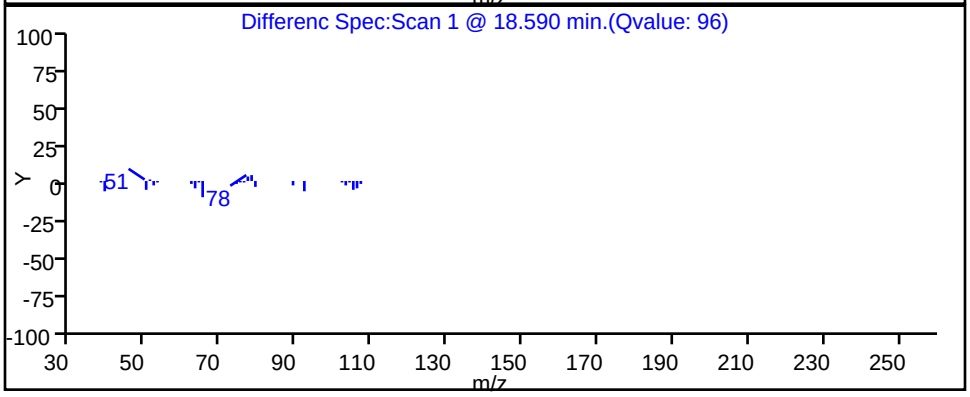












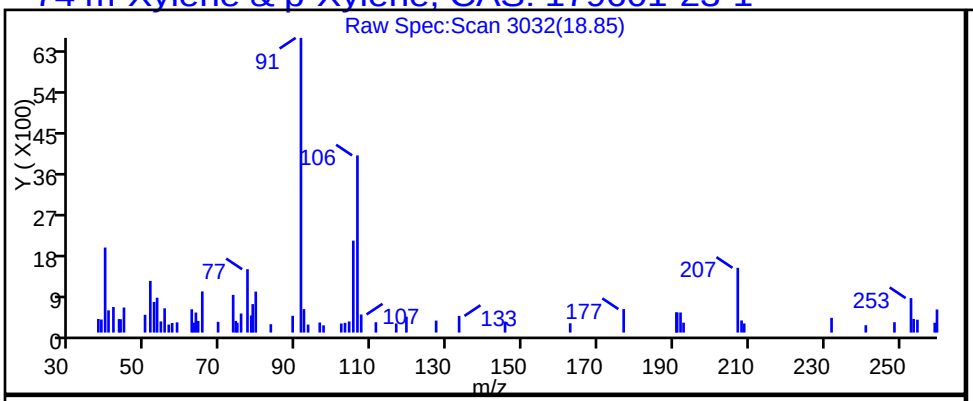
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

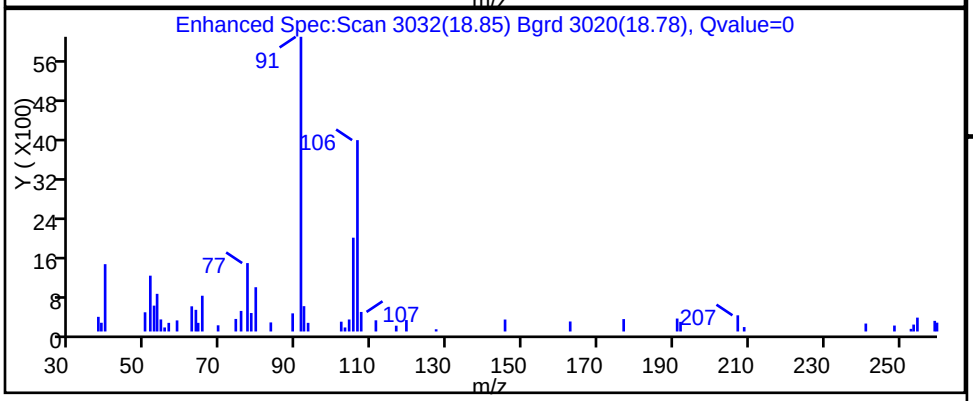
TestAmerica Burlington

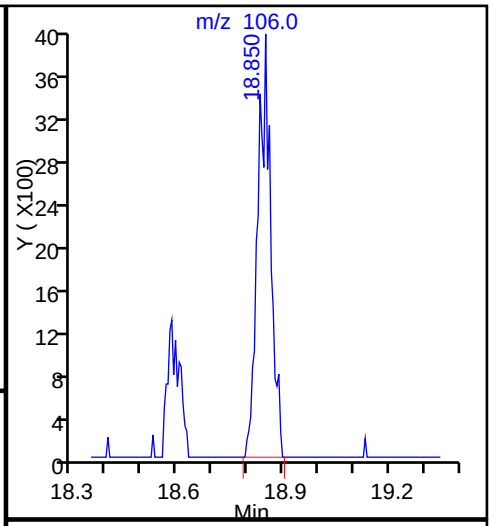
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D

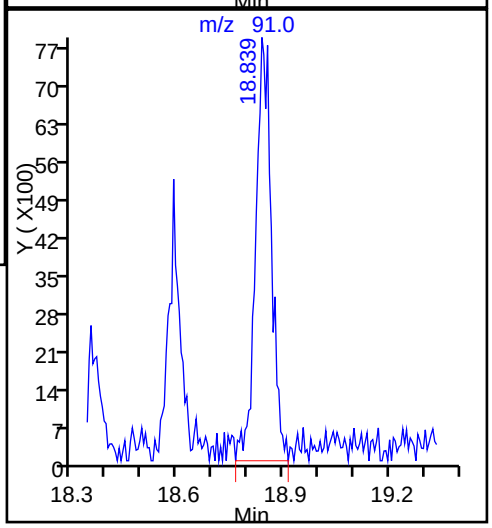
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 m-Xylene & p-Xylene, CAS: 179601-23-1









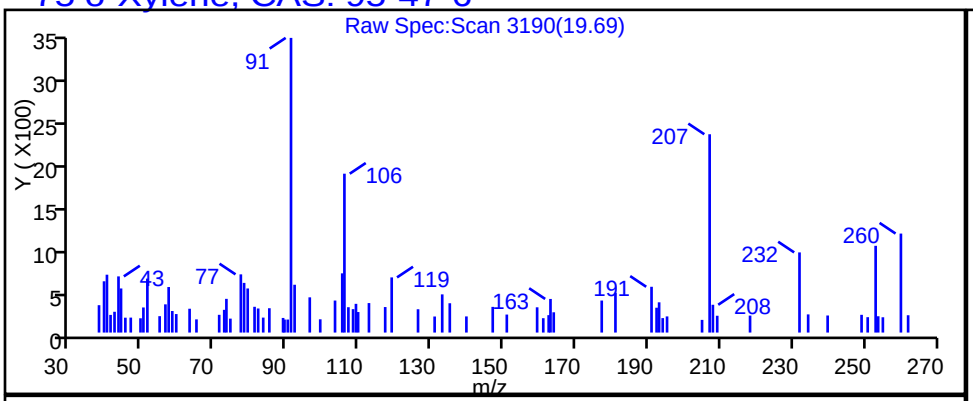
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

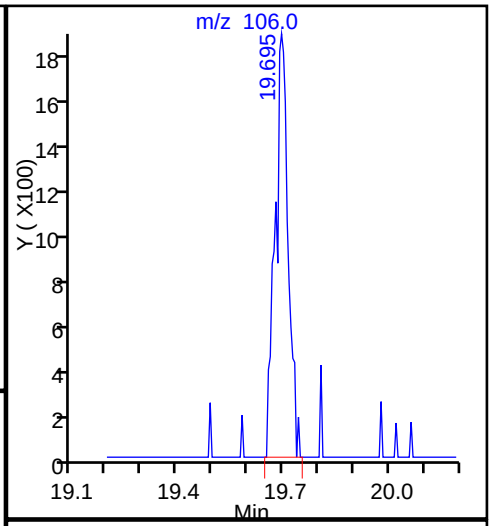
TestAmerica Burlington

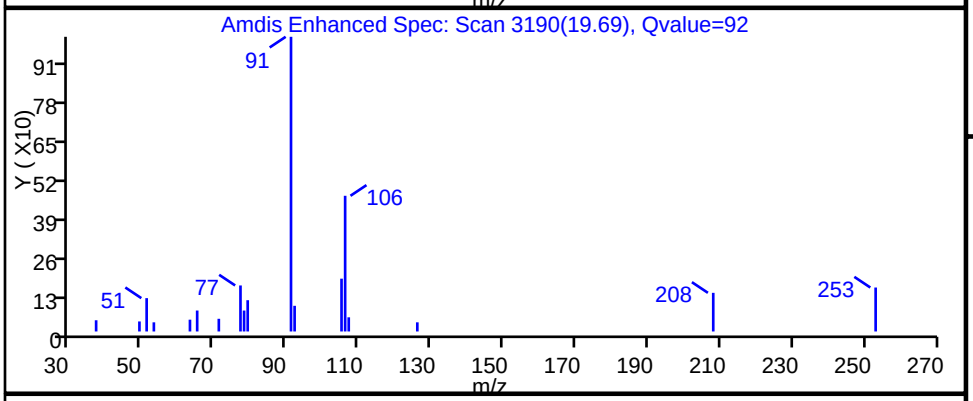
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D

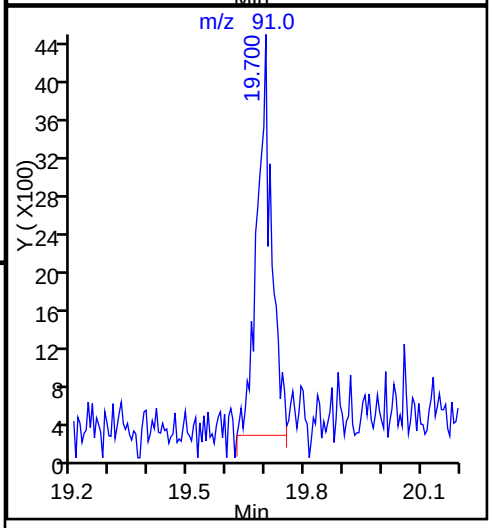
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

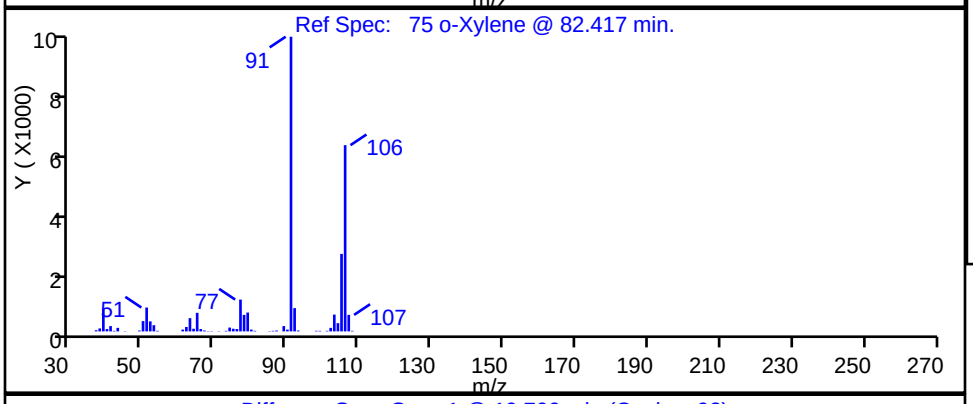
75 o-Xylene, CAS: 95-47-6

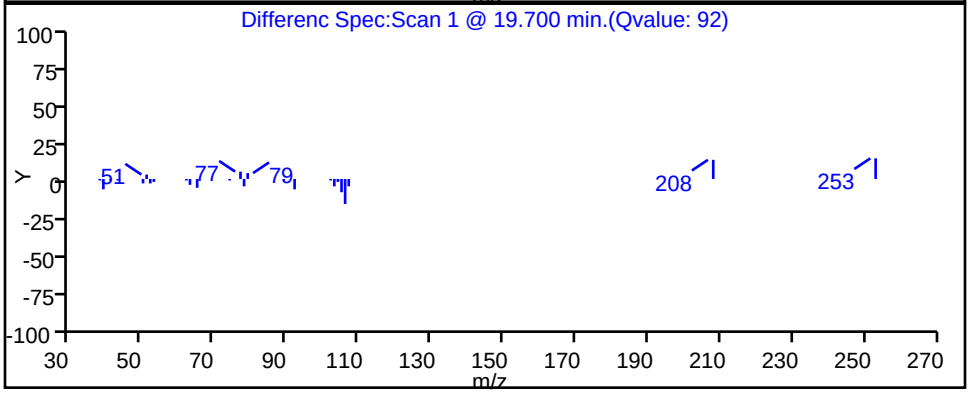










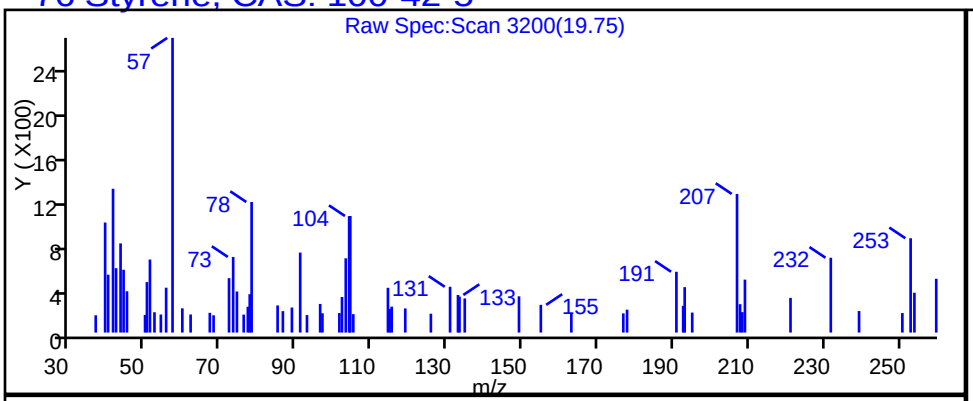


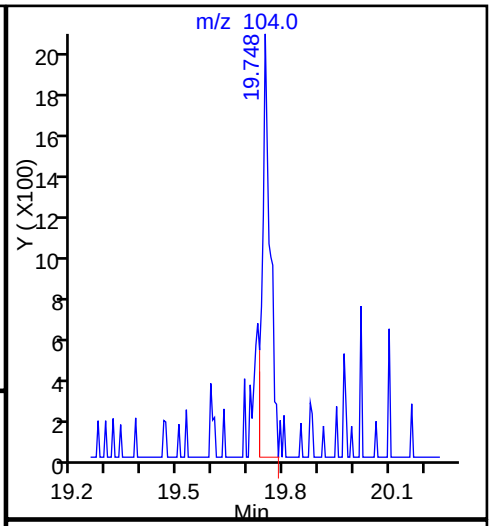
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

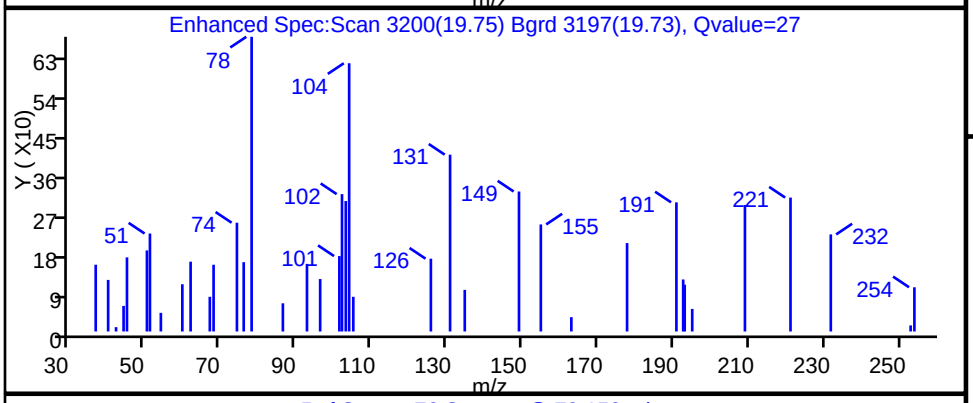
TestAmerica Burlington

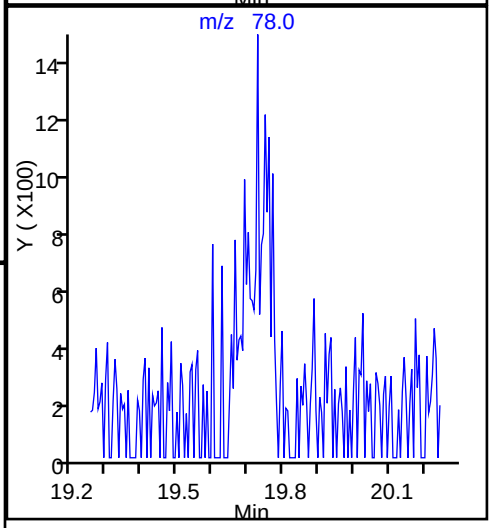
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

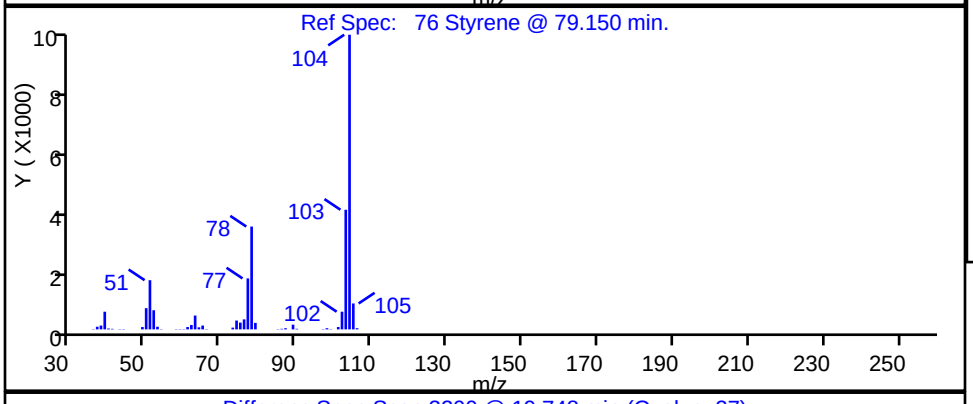
76 Styrene, CAS: 100-42-5

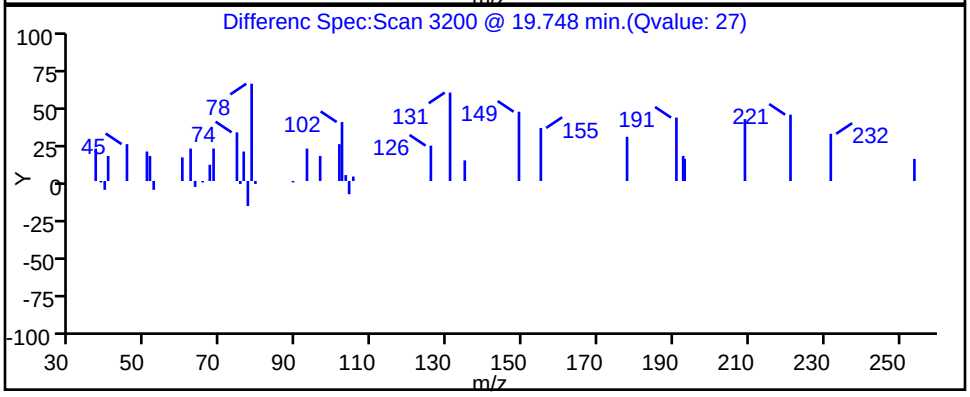










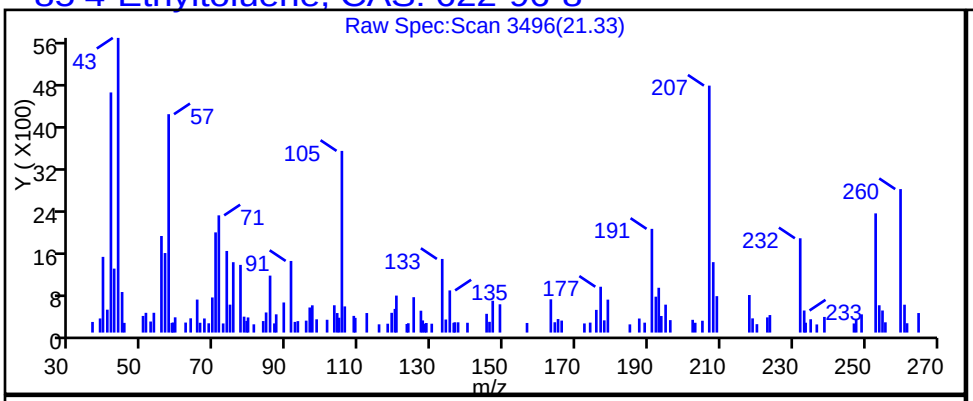


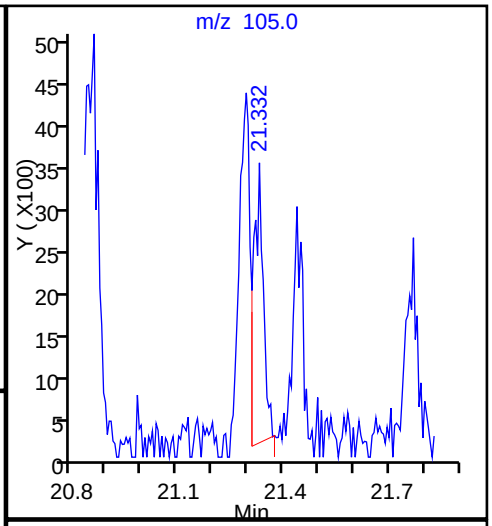
Report Date: 02-Feb-2015 09:22:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

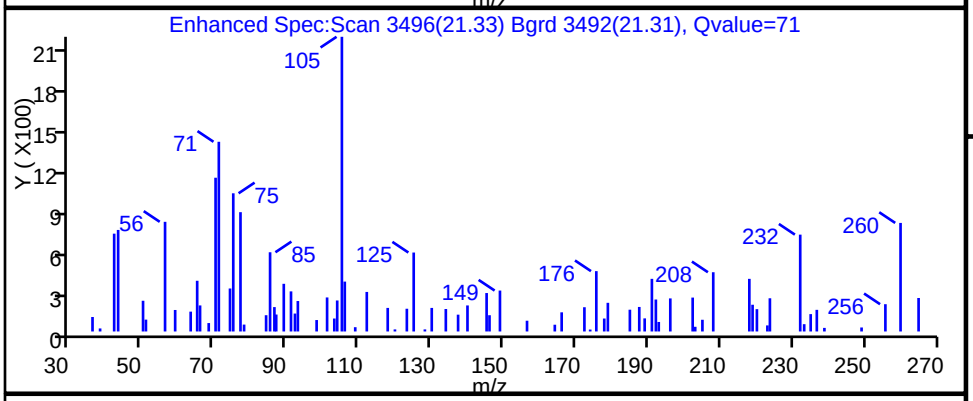
TestAmerica Burlington

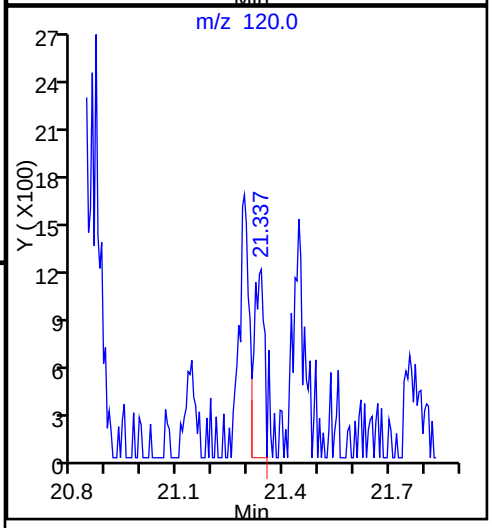
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

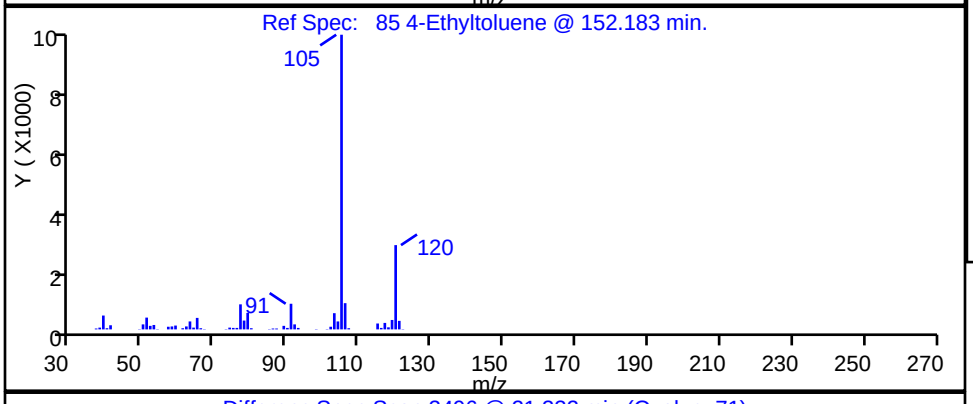
85 4-Ethyltoluene, CAS: 622-96-8

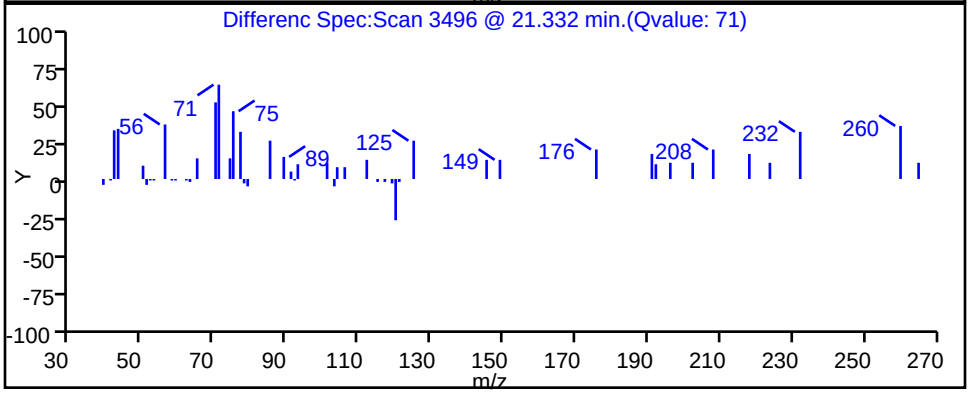










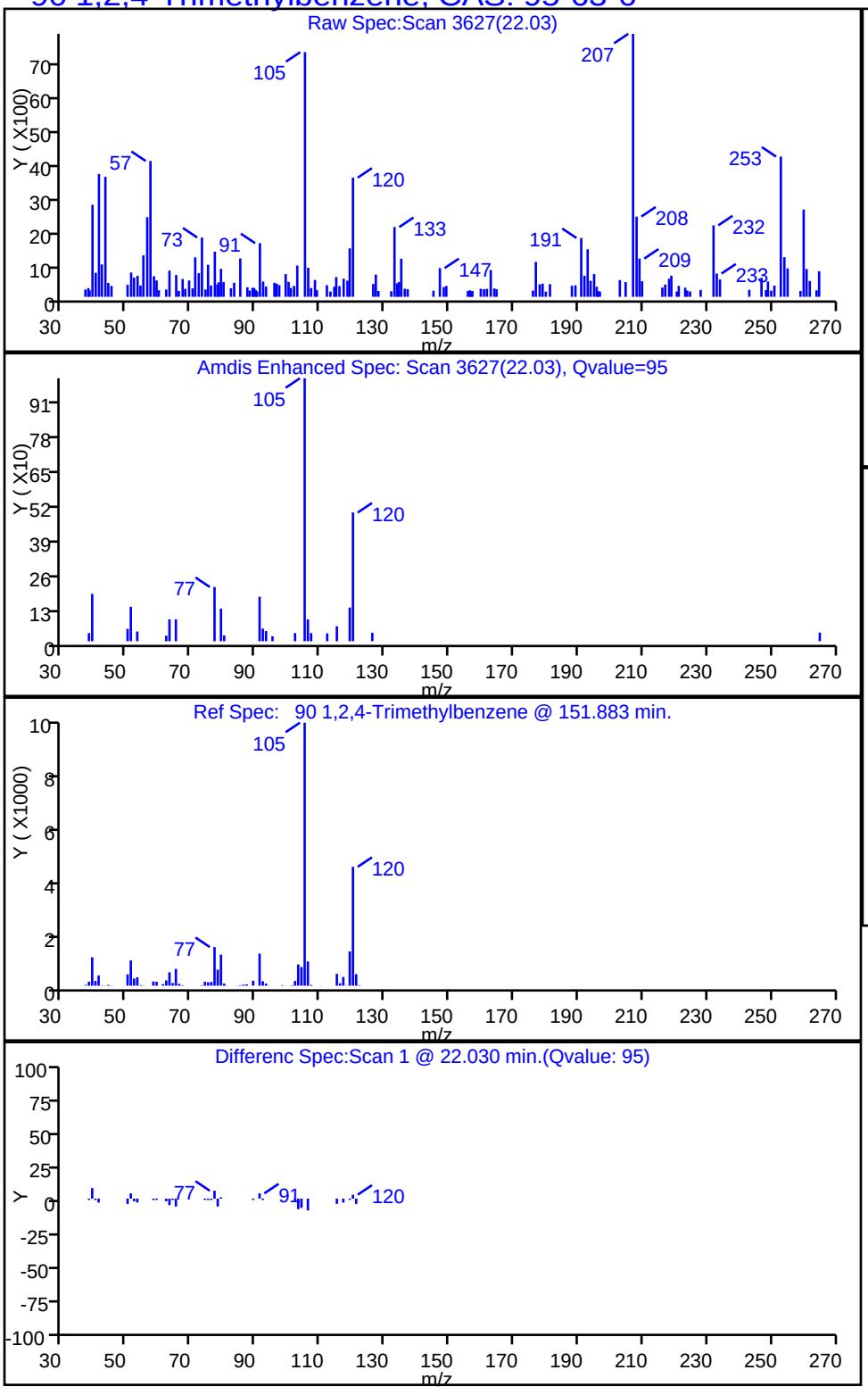


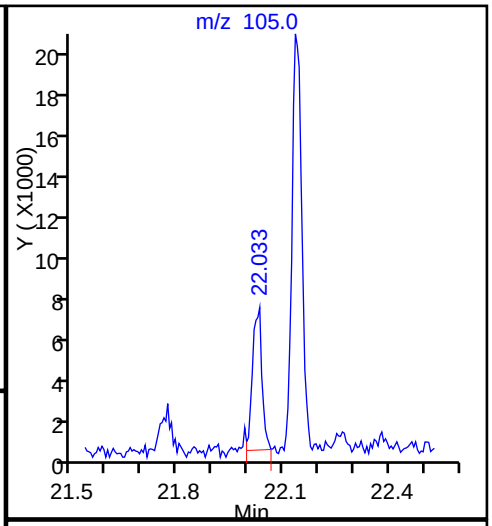
Report Date: 02-Feb-2015 09:22:58 Chrom Revision: 2.2 15-Jan-2015 13:05:58

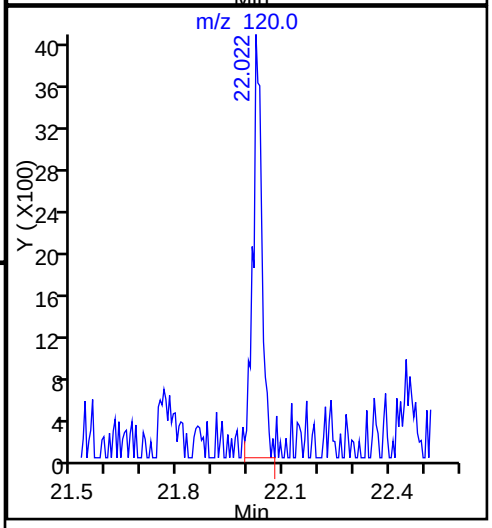
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,2,4-Trimethylbenzene, CAS: 95-63-6

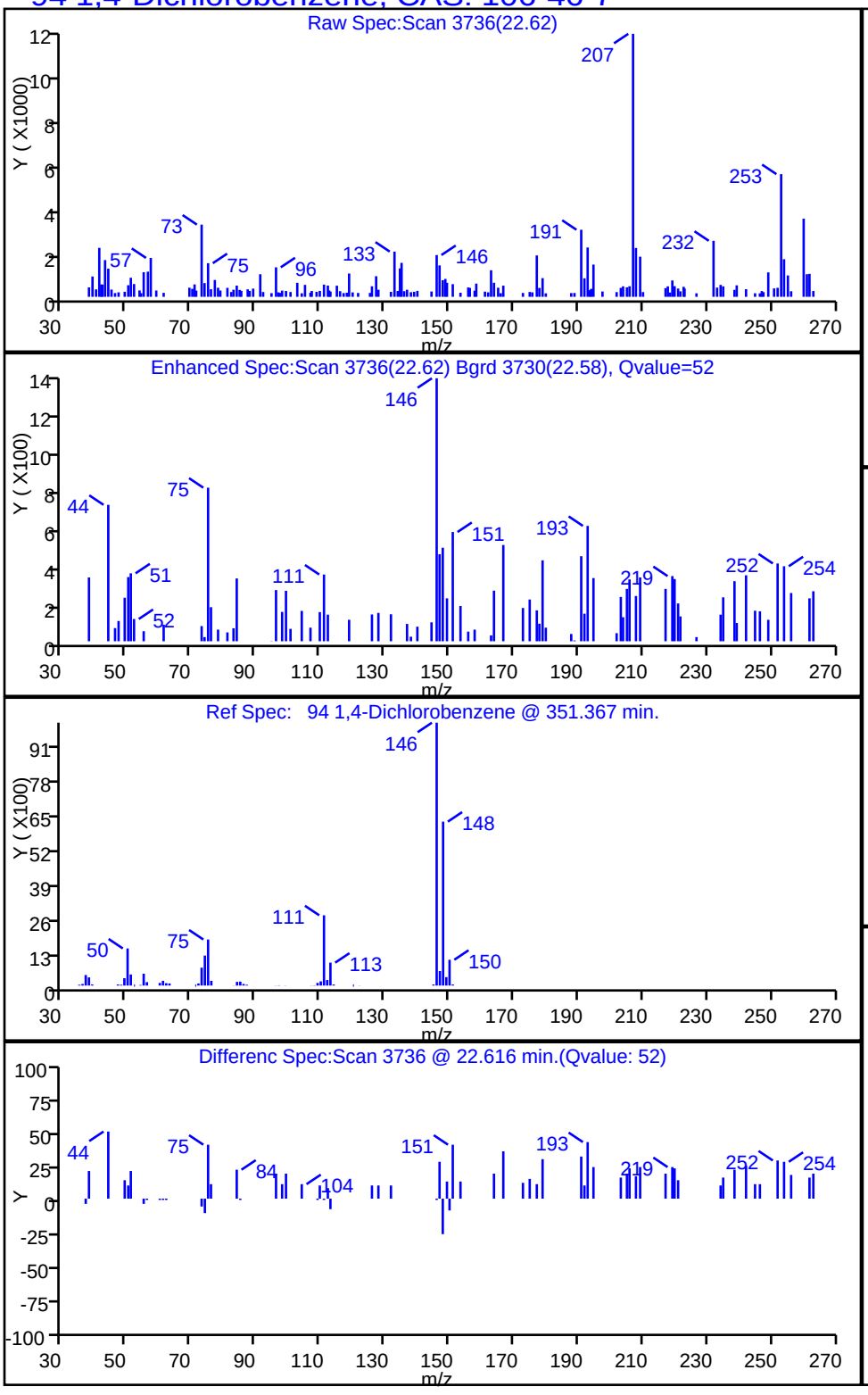


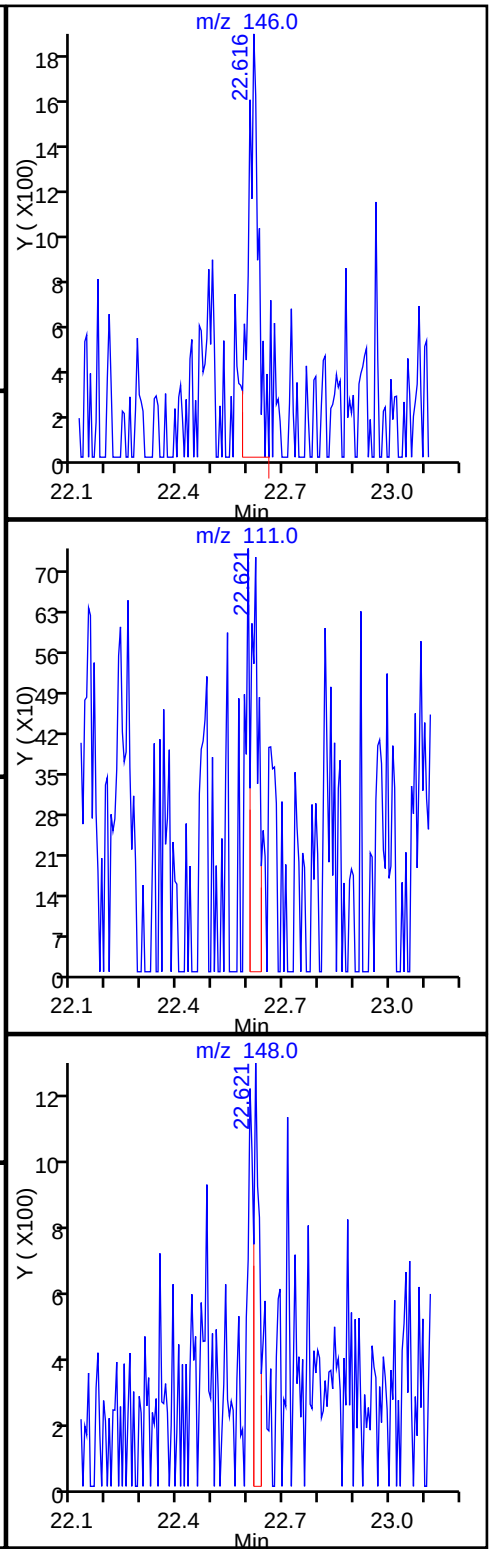




Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D
Injection Date: 30-Jan-2015 13:54:30 Instrument ID: CHG.i
Lims ID: 280-64806-A-11 Lab Sample ID: Client 200-84038/7-A
Client ID: 774VMP0101MA
Operator ID: bpl ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

94 1,4-Dichlorobenzene, CAS: 106-46-7

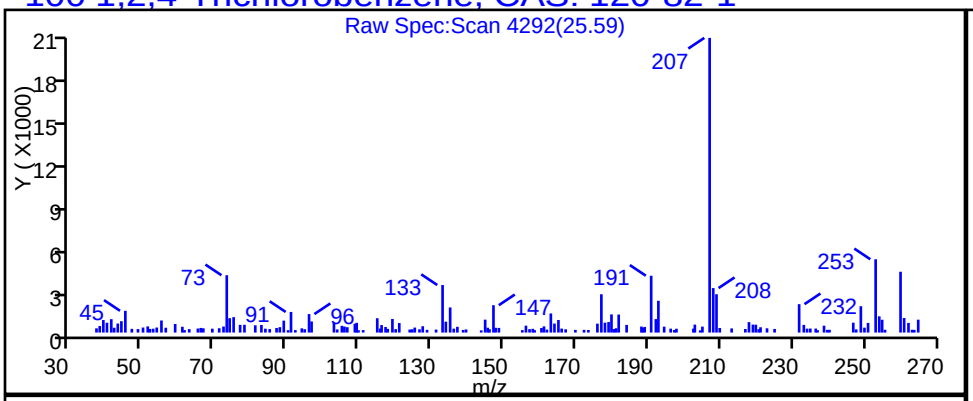


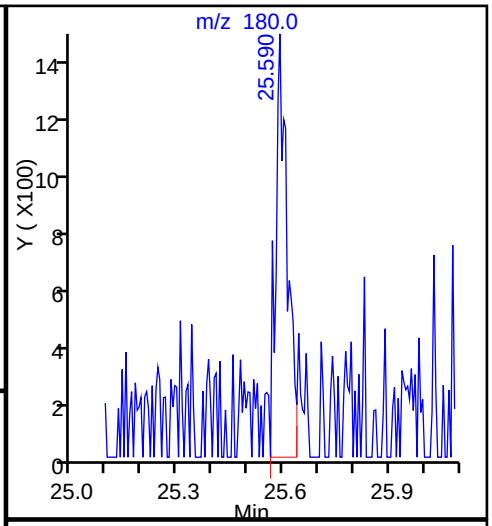


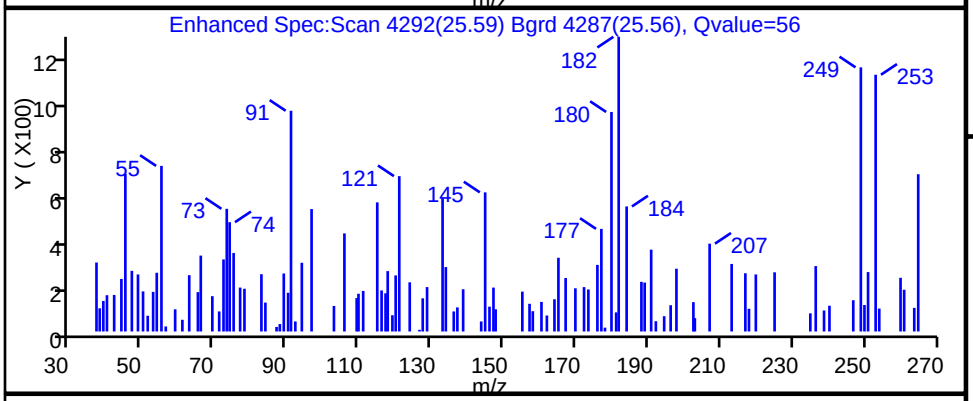
TestAmerica Burlington

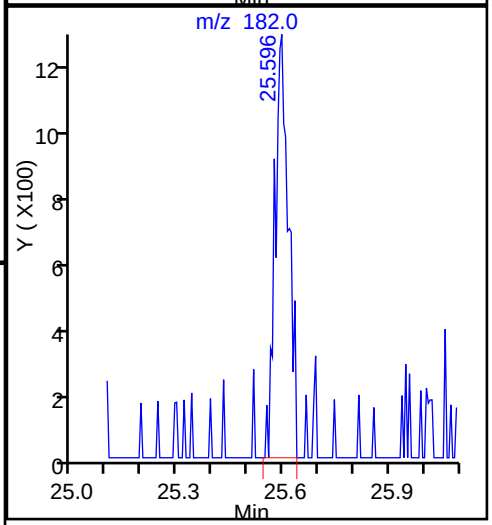
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

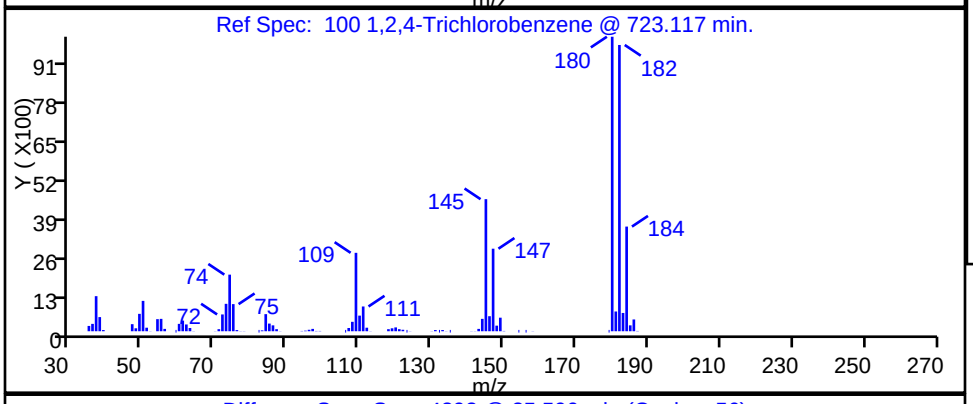
100 1,2,4-Trichlorobenzene, CAS: 120-82-1

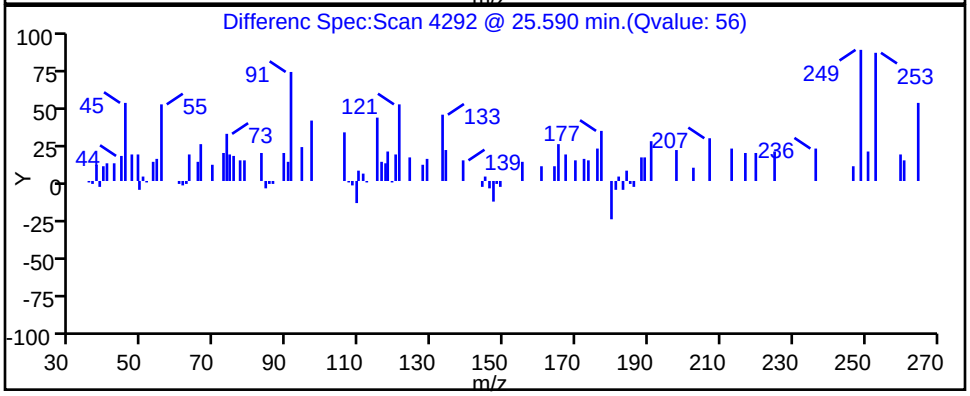












Manual Integration/User Assign Peak Report

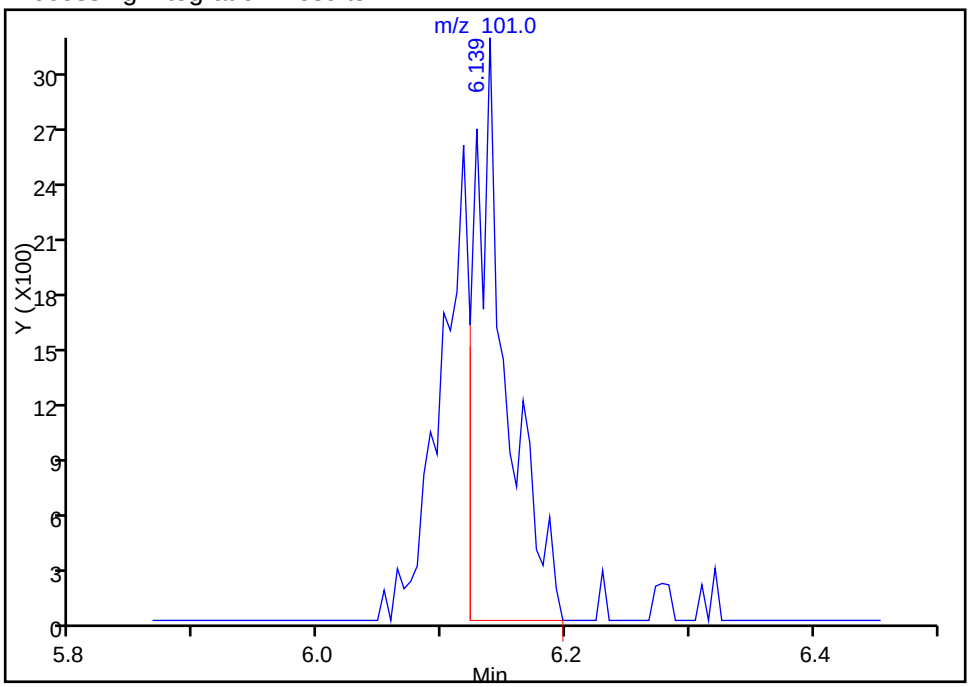
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

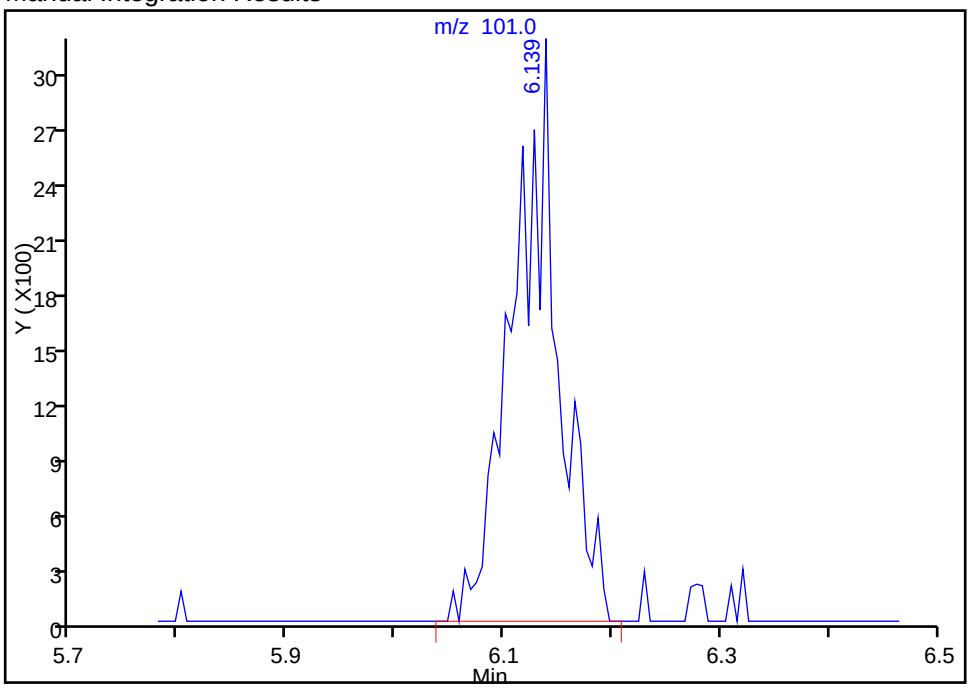
Processing Integration Results

RT: 6.14
Area: 5457
Amount: 0.076405
Amount Units: ppb v/v



Manual Integration Results

RT: 6.14
Area: 9061
Amount: 0.126866
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:49:16
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

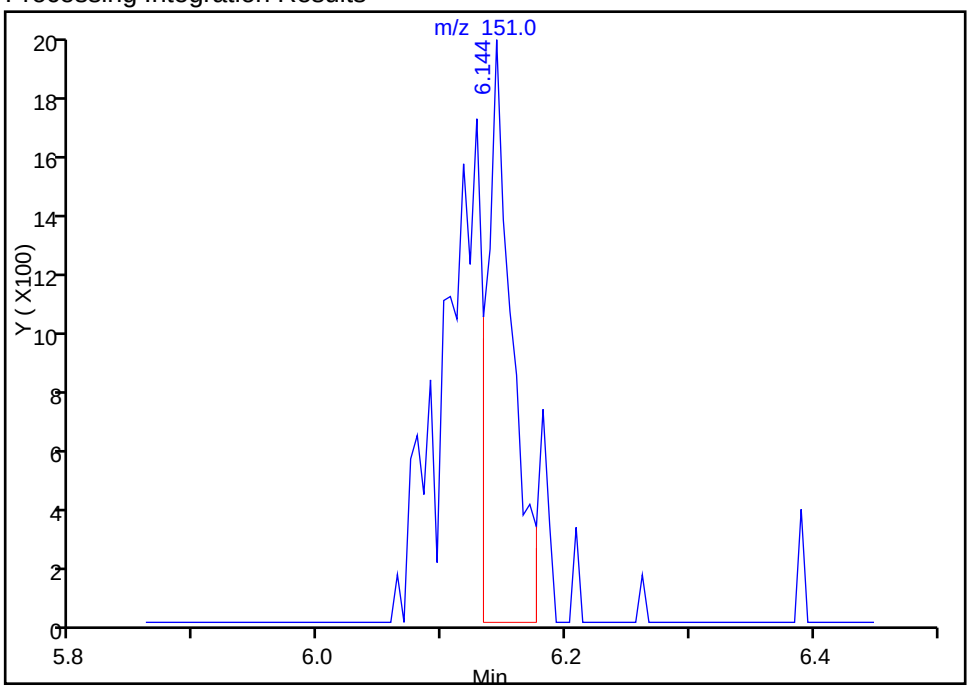
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

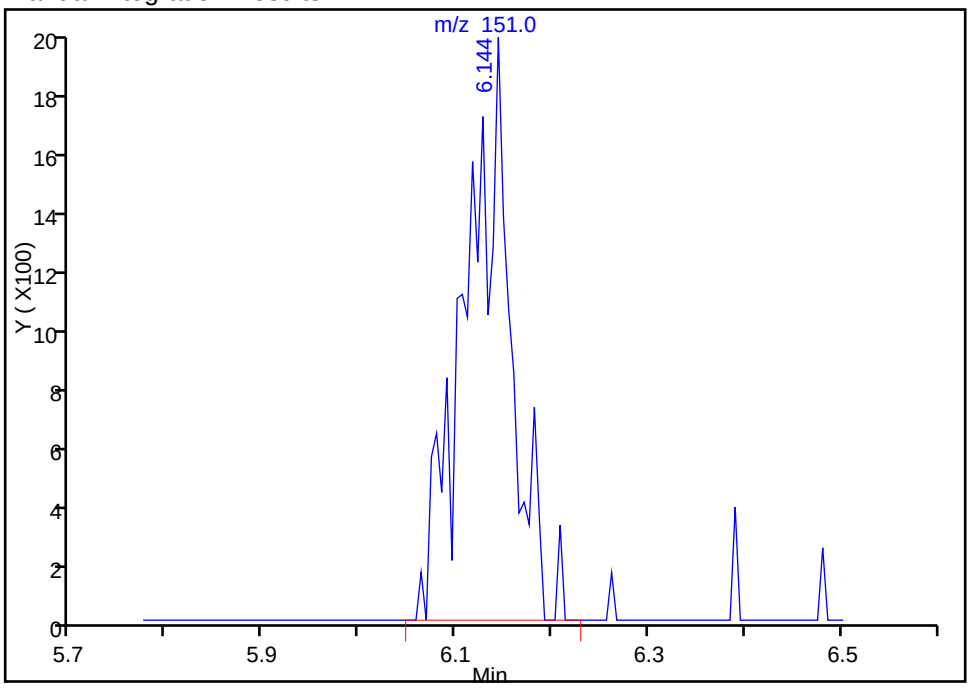
Processing Integration Results

RT: 6.14
Area: 2663
Amount: 0.076405
Amount Units: ppb v/v



Manual Integration Results

RT: 6.14
Area: 6334
Amount: 0.126866
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:49:16
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

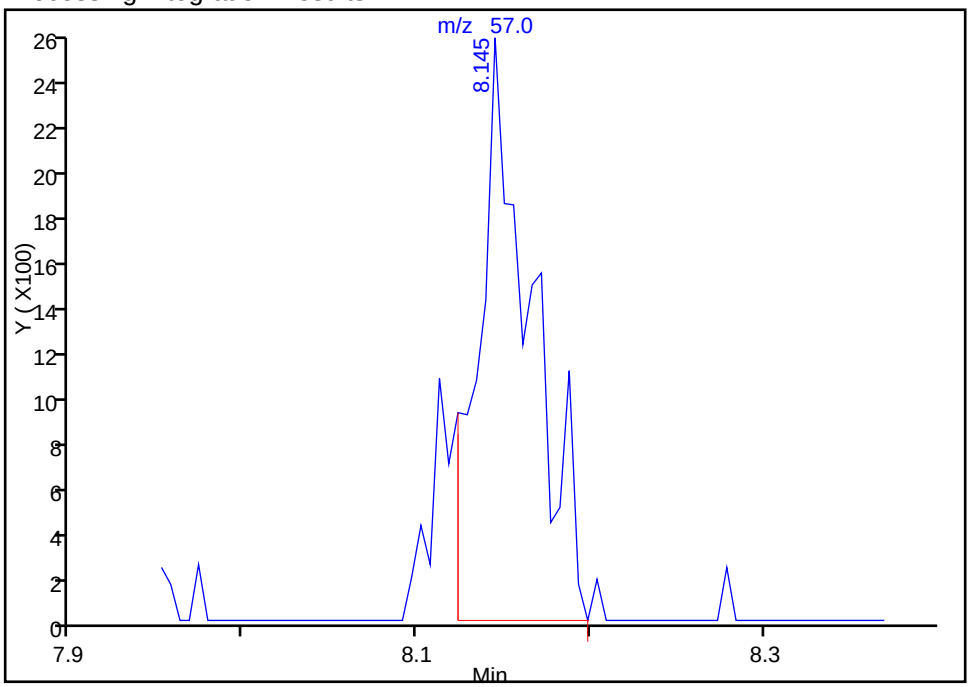
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Hexane, CAS: 110-54-3

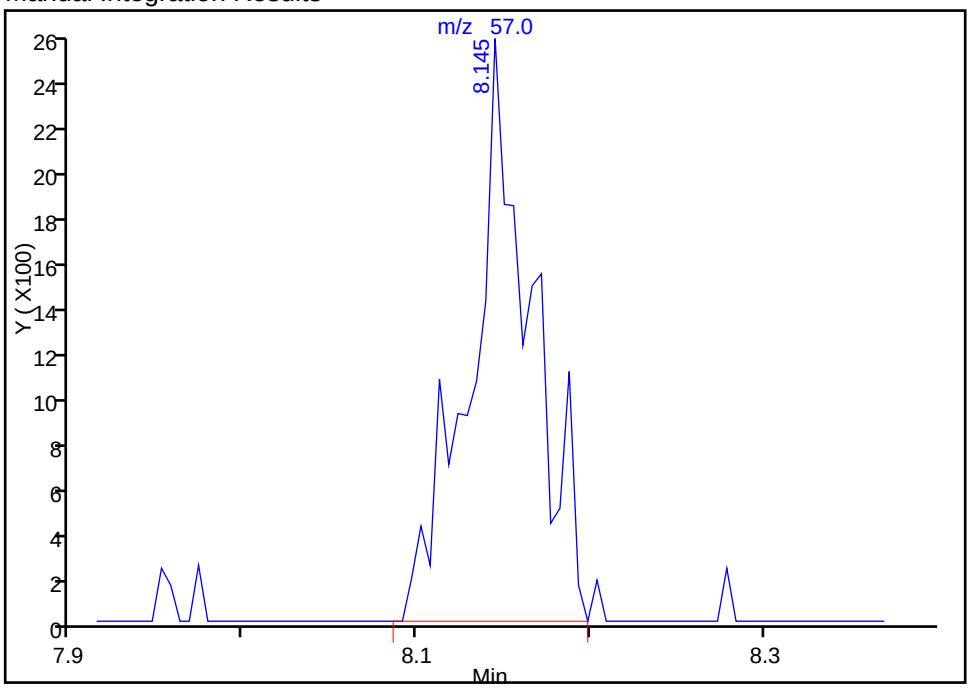
Processing Integration Results

RT: 8.14
Area: 5382
Amount: 0.124308
Amount Units: ppb v/v



Manual Integration Results

RT: 8.14
Area: 6212
Amount: 0.143479
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:49:16
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

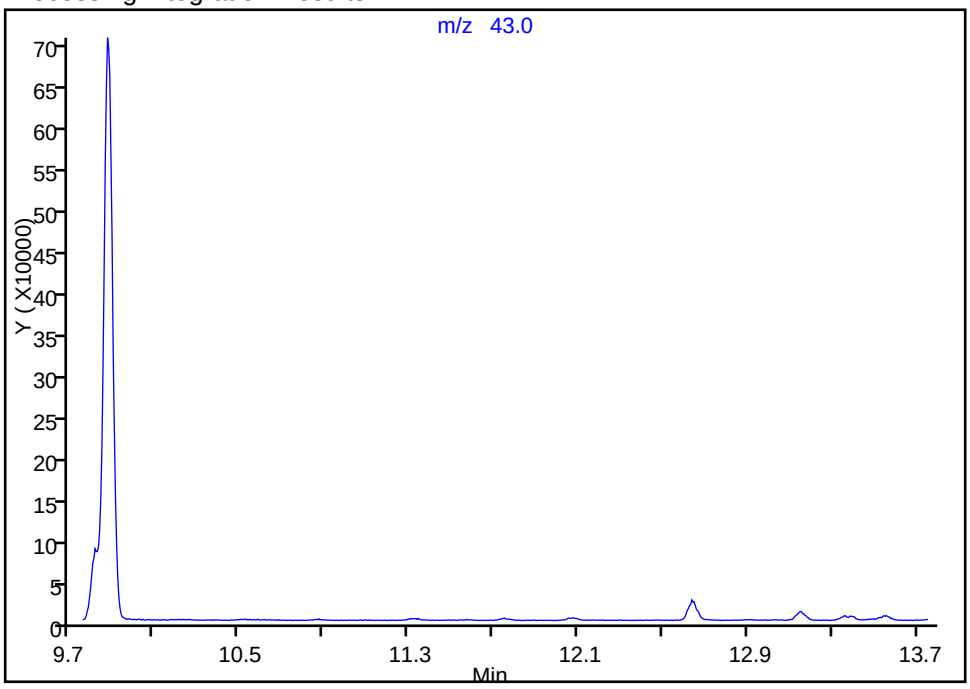
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 n-Heptane, CAS: 142-82-5

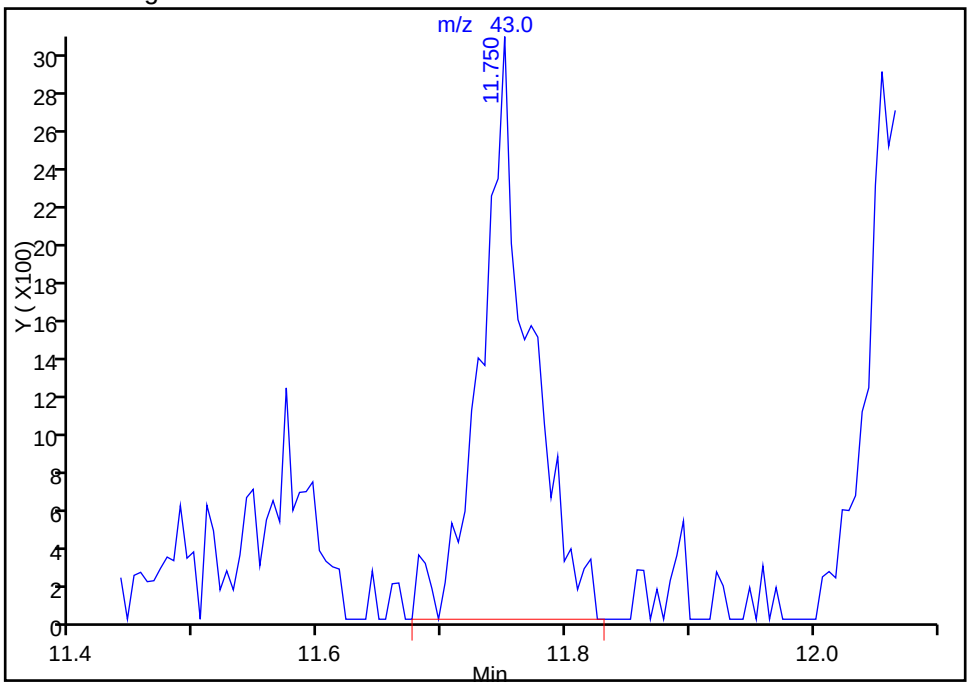
Processing Integration Results

Not Detected
Expected RT: 11.76



Manual Integration Results

RT: 11.75
Area: 8277
Amount: 0.107146
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:49:16
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

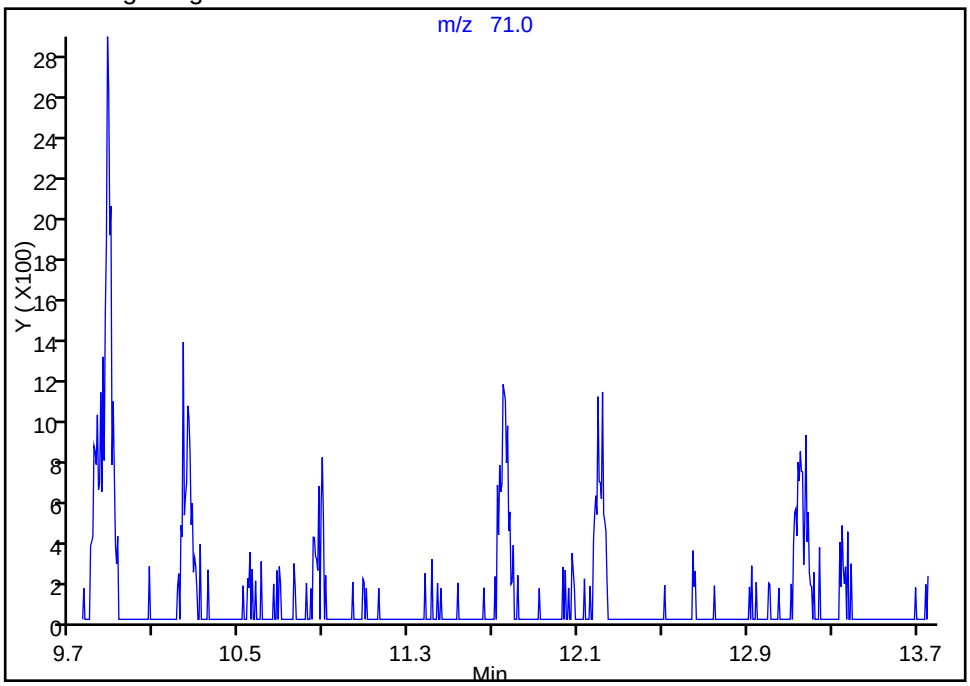
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 n-Heptane, CAS: 142-82-5

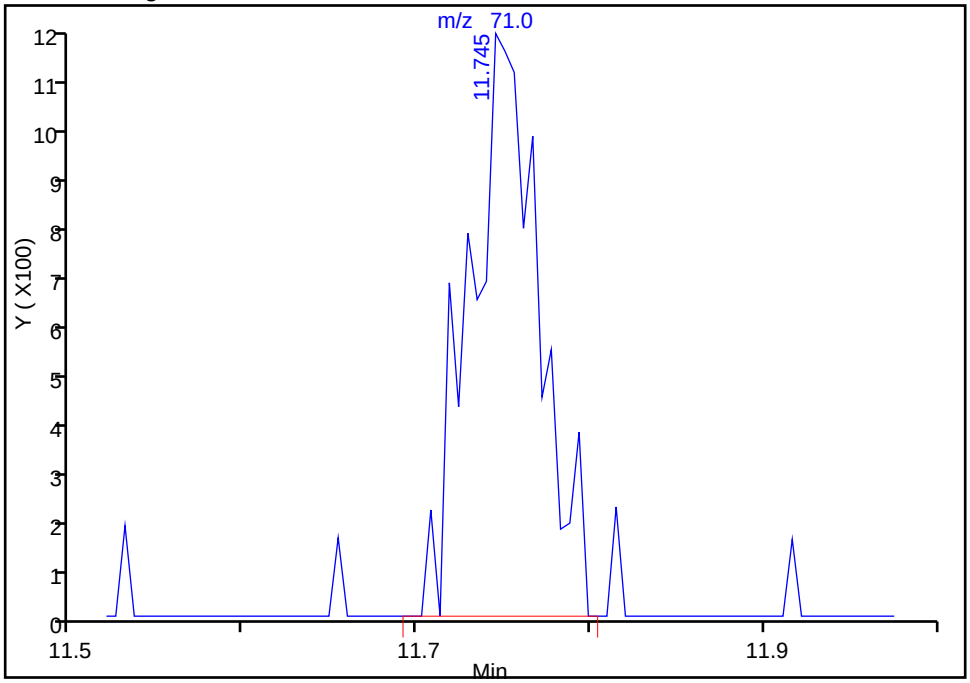
Not Detected
Expected RT: 11.76

Processing Integration Results



Manual Integration Results

RT: 11.75
Area: 3232
Amount: 0.107146
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:49:16
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

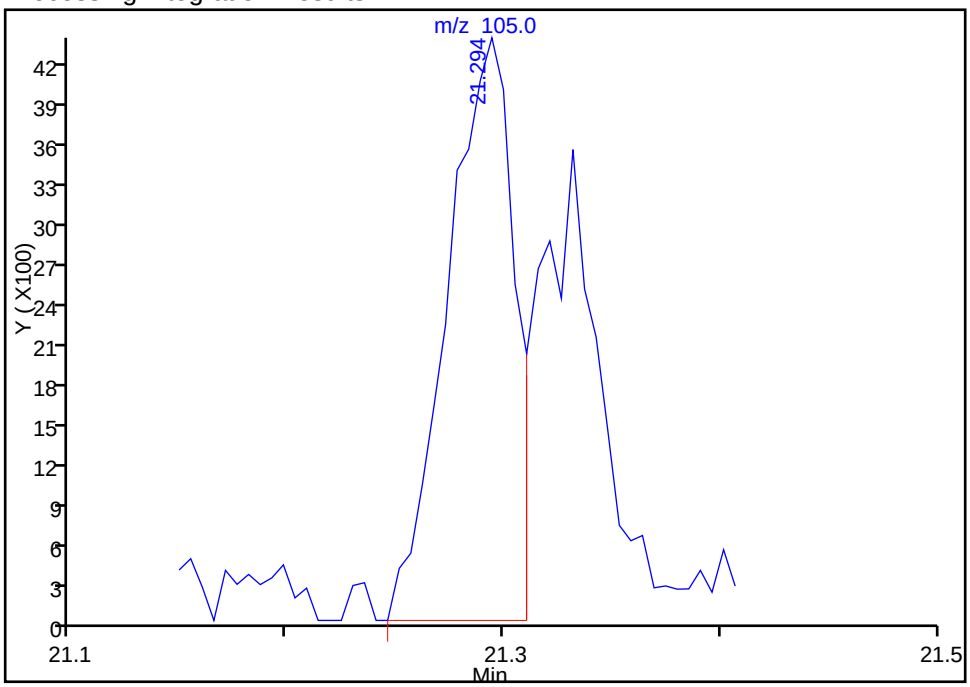
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 4-Ethyltoluene, CAS: 622-96-8

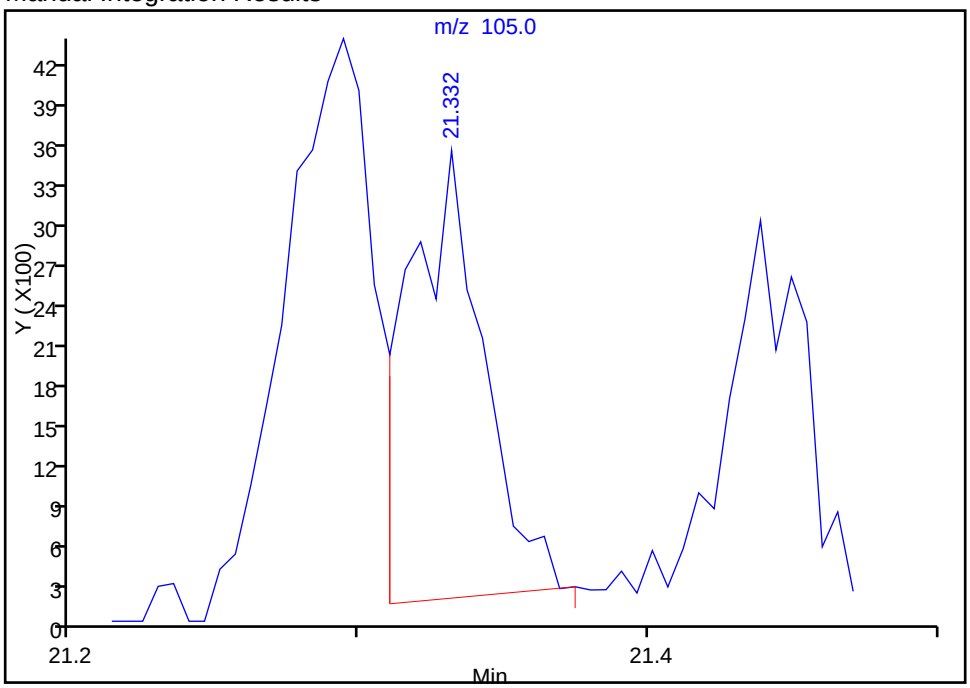
Processing Integration Results

RT: 21.29
Area: 9433
Amount: 0.043613
Amount Units: ppb v/v



Manual Integration Results

RT: 21.33
Area: 6185
Amount: 0.028596
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:49:16
Audit Action: Split an Integrated Peak
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

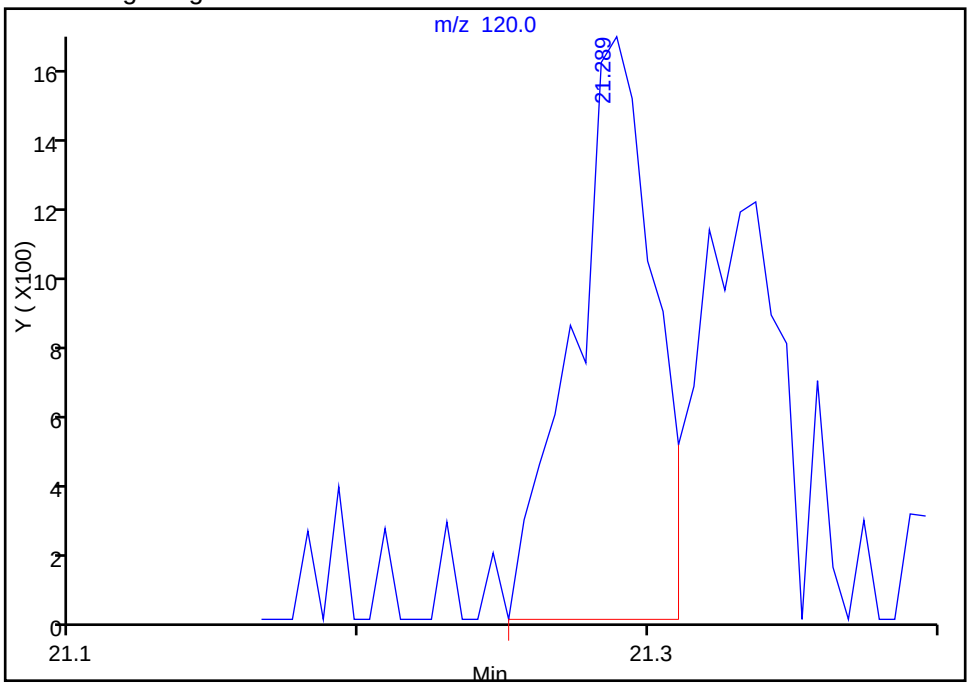
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_07.D				
Injection Date:	30-Jan-2015 13:54:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-11	Lab Sample ID:	Client 200-84038/7-A		
Client ID:	774VMP0101MA				
Operator ID:	bpl	ALS Bottle#:	4	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 4-Ethyltoluene, CAS: 622-96-8

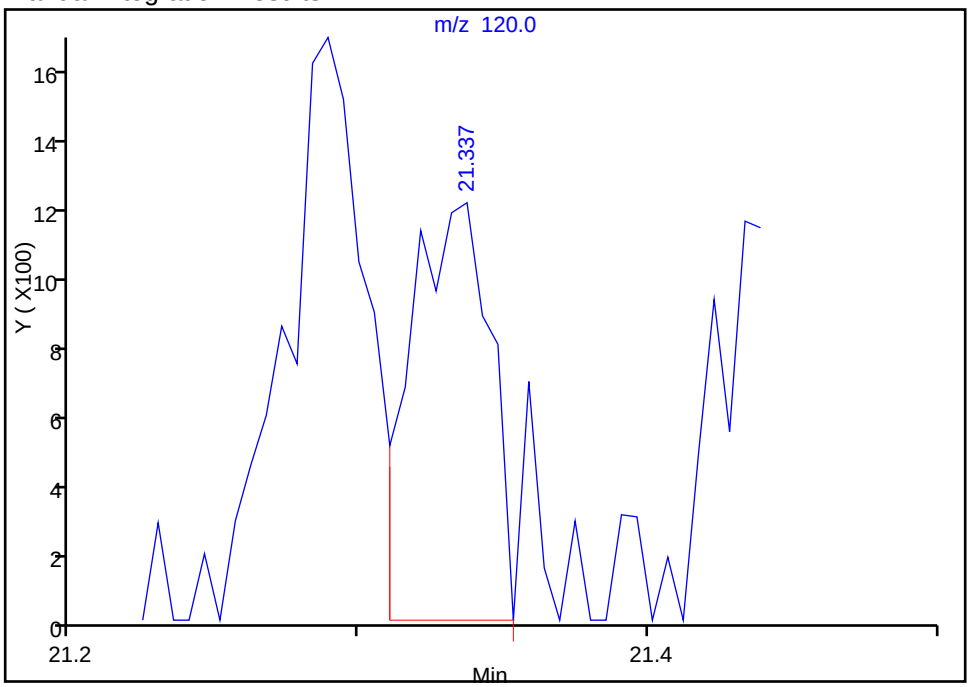
Processing Integration Results

RT: 21.29
Area: 3239
Amount: 0.043613
Amount Units: ppb v/v



Manual Integration Results

RT: 21.34
Area: 2336
Amount: 0.028596
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:49:16
Audit Action: Split an Integrated Peak
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0201MA Lab Sample ID: 280-64806-12

Matrix: Air Lab File ID: 11892_08.D

Analysis Method: TO-15 Date Collected: 01/22/2015 14:05

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 14:45

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.52		0.50	0.056
75-45-6	Freon 22	86.47	0.20	U	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.55		0.50	0.060
106-97-8	n-Butane	58.12	1.4		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.33		0.20	0.045
76-13-1	Freon TF	187.38	0.11	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	7.0		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	3.8	J	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.21	J	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.16	J	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.047	J M	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.28		0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.086	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.23		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0201MA Lab Sample ID: 280-64806-12

Matrix: Air Lab File ID: 11892_08.D

Analysis Method: TO-15 Date Collected: 01/22/2015 14:05

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 14:45

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.093	J	0.20	0.037
79-01-6	Trichloroethene	131.39	0.055	J M	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.24		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.050	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.13	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.047	J	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.18	J	0.20	0.041
100-42-5	Styrene	104.15	0.018	J	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.023	J	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.057	J M	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0201MA Lab Sample ID: 280-64806-12

Matrix: Air Lab File ID: 11892_08.D

Analysis Method: TO-15 Date Collected: 01/22/2015 14:05

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 14:45

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0201MA Lab Sample ID: 280-64806-12

Matrix: Air Lab File ID: 11892_08.D

Analysis Method: TO-15 Date Collected: 01/22/2015 14:05

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 14:45

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6		2.5	0.28
75-45-6	Freon 22	86.47	0.71	U	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	1.1		1.0	0.12
106-97-8	n-Butane	58.12	3.4		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.9		1.1	0.25
76-13-1	Freon TF	187.38	0.82	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	17		12	1.6
67-63-0	Isopropyl alcohol	60.10	9.3	J	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.72	J	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.55	J	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.23	J M	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.98		0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.54	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.74		0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

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Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0201MA Lab Sample ID: 280-64806-12

Matrix: Air Lab File ID: 11892_08.D

Analysis Method: TO-15 Date Collected: 01/22/2015 14:05

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 14:45

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.38	J	0.82	0.15
79-01-6	Trichloroethene	131.39	0.29	J M	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.91		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.22	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.57	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.20	J	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.77	J	0.87	0.18
100-42-5	Styrene	104.15	0.078	J	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.11	J	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.28	J M	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

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Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 14:45

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D
Lims ID: 280-64806-A-12 Lab Sample ID: Client 200-84038/8-A
Client ID: 774VMP0201MA
Sample Type: Client
Inject. Date: 30-Jan-2015 14:45:30 ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011892-008
Misc. Info.: 64806-12
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 02-Feb-2015 09:23:12 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: lyonsb Date: 30-Jan-2015 16:32:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	2.827	2.827	0.000	99	70329	0.5169	
3 Chlorodifluoromethane	51		2.881				ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.089				ND	
5 Chloromethane	50	3.228	3.223	0.005	99	21705	0.5478	
6 Butane	43	3.432	3.426	0.006	96	83745	1.43	
7 Vinyl chloride	62		3.469				ND	
8 Butadiene	54		3.544				ND	
9 Bromomethane	94		4.229				ND	
10 Chloroethane	64		4.480				ND	
12 Vinyl bromide	106		4.881				ND	
13 Trichlorofluoromethane	101	4.994	4.994	0.000	97	39031	0.3308	
19 1,1,2-Trichloro-1,2,2-trif	101	6.123	6.123	-0.001	91	7550	0.1071	
20 1,1-Dichloroethene	96		6.149				ND	
21 Acetone	43	6.406	6.401	0.005	81	446449	6.97	
22 Carbon disulfide	76		6.524				ND	
23 Isopropyl alcohol	45	6.764	6.738	0.026	97	168890	3.78	
24 3-Chloro-1-propene	41		6.962				ND	
26 Methylene Chloride	49	7.267	7.267	0.000	72	10474	0.2061	
27 2-Methyl-2-propanol	59		7.546				ND	
28 Methyl tert-butyl ether	73		7.711				ND	
29 trans-1,2-Dichloroethene	61		7.722				ND	
31 Hexane	57	8.145	8.145	0.000	88	6687	0.1565	
32 1,1-Dichloroethane	63		8.615				ND	
34 cis-1,2-Dichloroethene	96		9.744				ND	
35 2-Butanone (MEK)	72		9.814				ND	
S 37 1,2-Dichloroethene, Total	61		10.200				ND	
* 38 Chlorobromomethane	128	10.210	10.210	0.000	95	331941	10.0	
39 Tetrahydrofuran	42		10.231				ND	
40 Chloroform	83	10.354	10.354	0.000	36	4280	0.0469	M
41 Cyclohexane	84	10.606	10.600	0.006	93	11850	0.2849	
42 1,1,1-Trichloroethane	97		10.632				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	43 Carbon tetrachloride	117	10.889	10.878	0.011	95	9850	0.0864	
	44 Benzene	78	11.349	11.344	0.005	98	25831	0.2326	
	45 Isooctane	57		11.349				ND	
	46 1,2-Dichloroethane	62		11.526				ND	
	47 n-Heptane	43	11.745	11.756	-0.011	91	7350	0.0928	
*	48 1,4-Difluorobenzene	114	12.205	12.205	0.000	97	1756908	10.0	
	50 Trichloroethene	95	12.654	12.665	-0.011	42	3409	0.0549	M
	52 1,2-Dichloropropane	63		13.211				ND	
	53 Methyl methacrylate	69		13.420				ND	
	54 1,4-Dioxane	88		13.457				ND	
	56 Dichlorobromomethane	83		13.778				ND	
	58 cis-1,3-Dichloropropene	75		14.757				ND	
	59 4-Methyl-2-pentanone (MIBK	43	15.115	15.083	0.032	53	6003	0.0530	
	61 Toluene	92	15.383	15.383	0.000	91	19449	0.2419	
	64 trans-1,3-Dichloropropene	75		16.003				ND	
	65 1,1,2-Trichloroethane	83		16.383				ND	
	66 Tetrachloroethene	166		16.506				ND	
	67 2-Hexanone	43		16.875				ND	
	68 Chlorodibromomethane	129		17.159				ND	
	69 Ethylene Dibromide	107		17.432				ND	
*	70 Chlorobenzene-d5	117	18.363	18.363	0.000	94	1748092	10.0	
	71 Chlorobenzene	112		18.421				ND	
	72 Ethylbenzene	91	18.582	18.593	-0.011	59	8967	0.0497	
	74 m-Xylene & p-Xylene	106	18.833	18.849	-0.016	0	9199	0.1315	
	75 o-Xylene	106	19.700	19.689	0.011	32	3264	0.0467	
	76 Styrene	104	19.759	19.748	0.011	34	1754	0.0182	
S	77 Xylenes, Total	106				0		0.1782	
	78 Bromoform	173		20.165				ND	
	79 Isopropylbenzene	105		20.406				ND	
*	80 4-Bromofluorobenzene	95	20.770	20.770	0.000	86	1404418	10.0	
	81 1,1,2,2-Tetrachloroethane	83		21.054				ND	
	82 N-Propylbenzene	91		21.139				ND	
	85 4-Ethyltoluene	105		21.332				ND	
	84 2-Chlorotoluene	91		21.332				ND	
	87 1,3,5-Trimethylbenzene	105	21.439	21.439	0.000	56	3778	0.0228	
	89 tert-Butylbenzene	119		21.931				ND	
	90 1,2,4-Trimethylbenzene	105	22.033	22.027	0.006	95	9511	0.0574	M
	91 sec-Butylbenzene	105		22.257				ND	
	92 4-Isopropyltoluene	119		22.466				ND	
	93 1,3-Dichlorobenzene	146		22.482				ND	
	94 1,4-Dichlorobenzene	146		22.616				ND	
	95 Benzyl chloride	91		22.808				ND	
	96 n-Butylbenzene	91		23.028				ND	
	98 1,2-Dichlorobenzene	146		23.140				ND	
	100 1,2,4-Trichlorobenzene	180		25.595				ND	
	101 Hexachlorobutadiene	225		25.788				ND	
	102 Naphthalene	128		26.061				ND	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

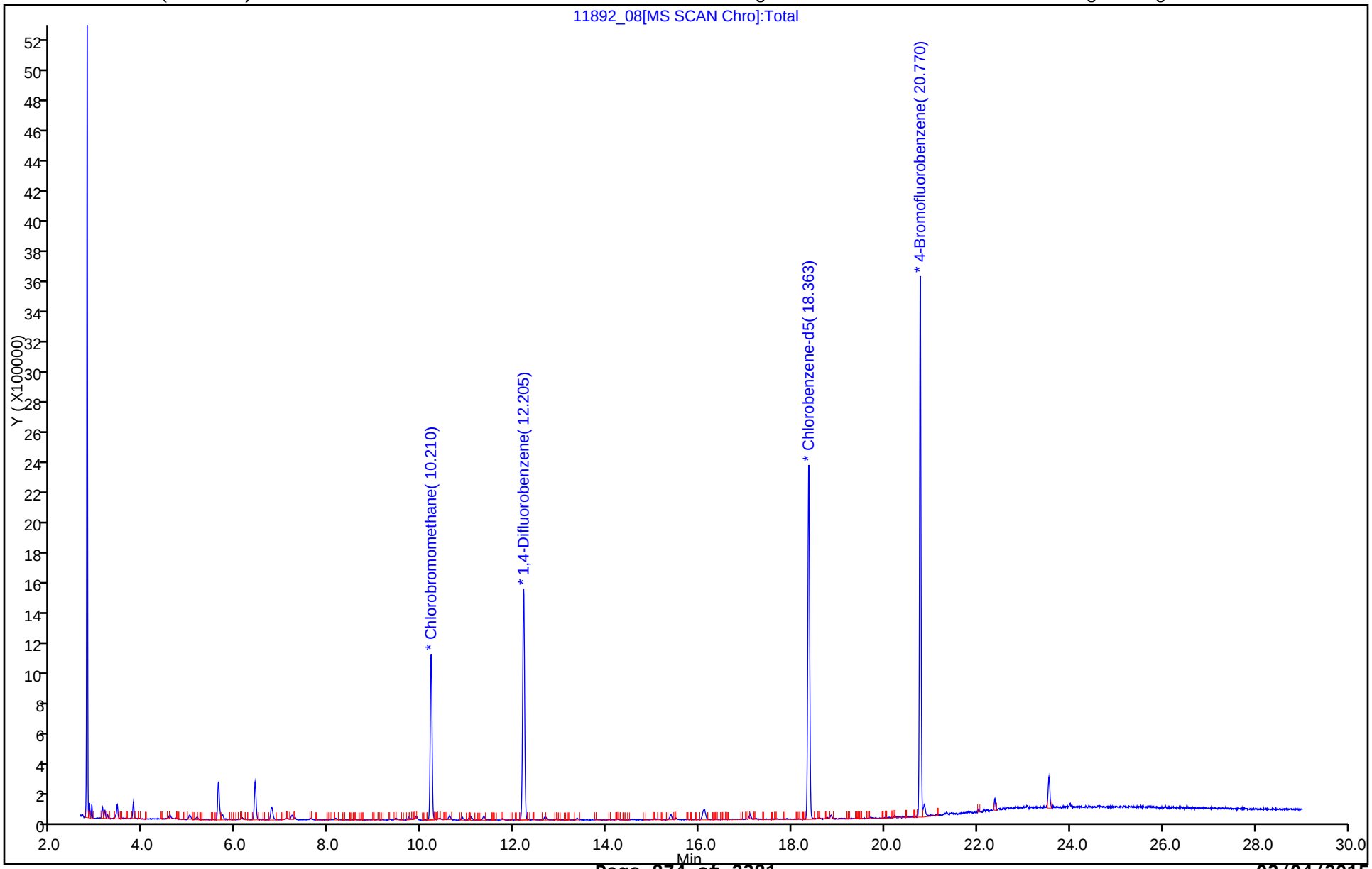
ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 02-Feb-2015 09:23:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

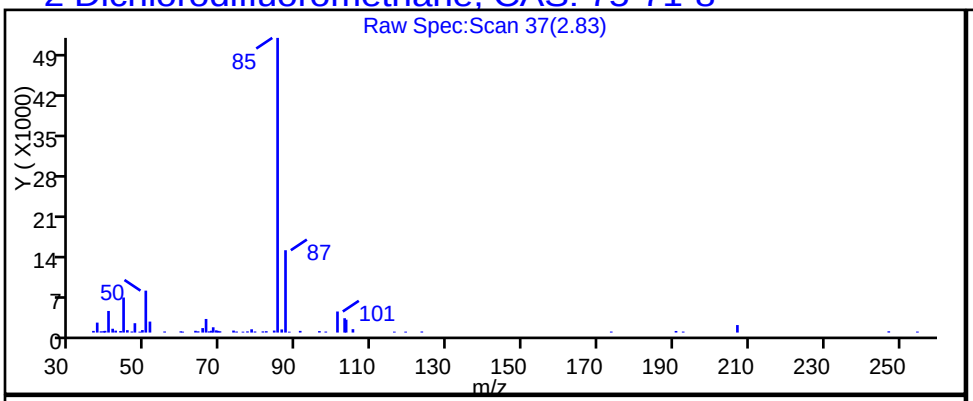
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A	Worklist Smp#:	8
Client ID:	774VMP0201MA				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

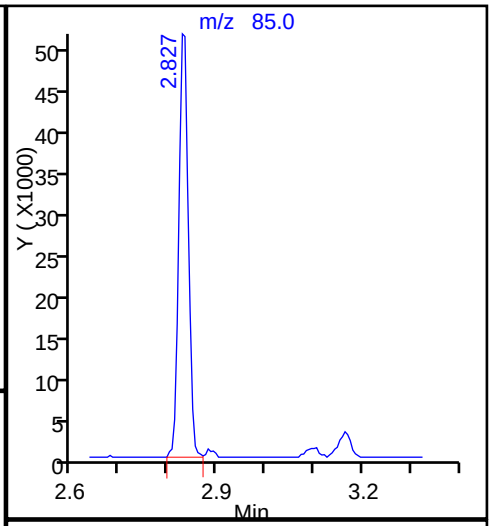
Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

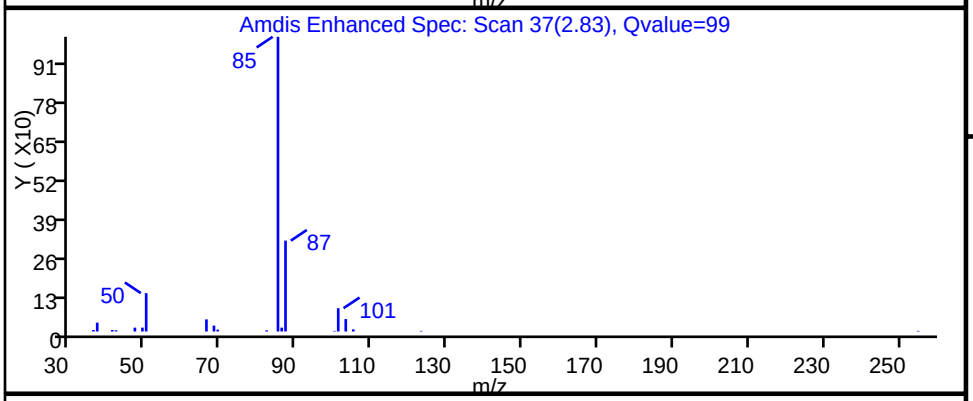


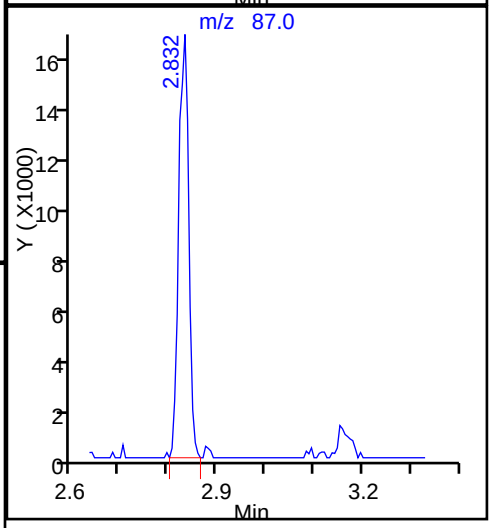
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D
Injection Date: 30-Jan-2015 14:45:30 Instrument ID: CHG.i
Lims ID: 280-64806-A-12 Lab Sample ID: Client 200-84038/8-A
Client ID: 774VMP0201MA
Operator ID: bpl ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

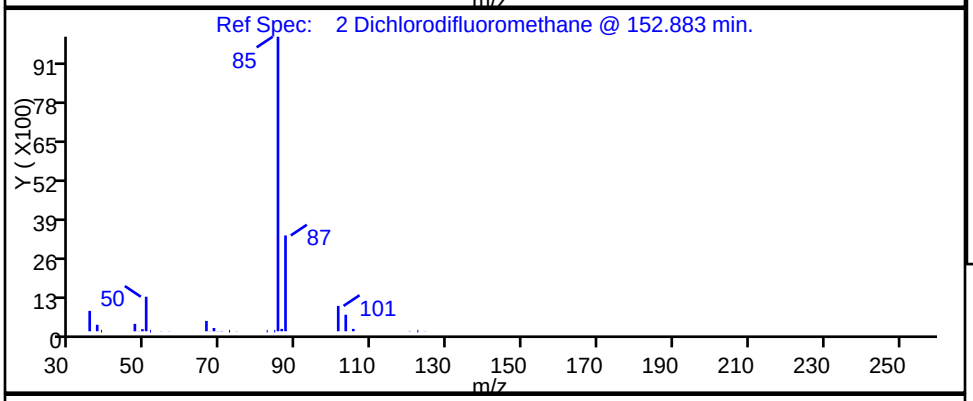
2 Dichlorodifluoromethane, CAS: 75-71-8

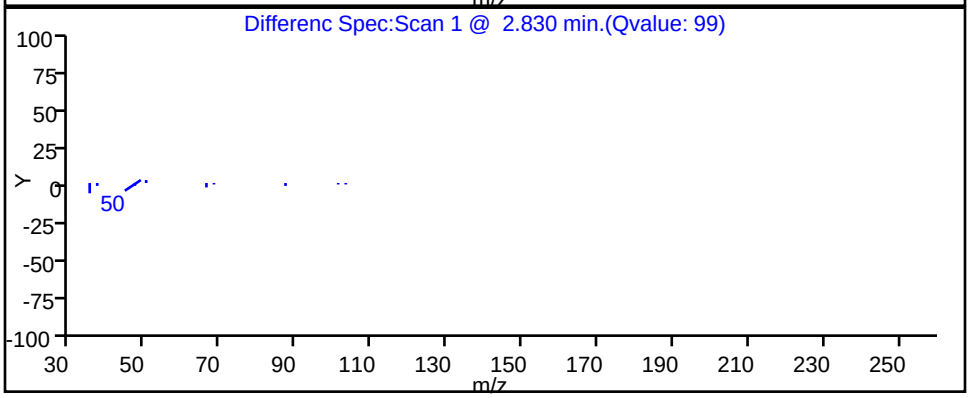










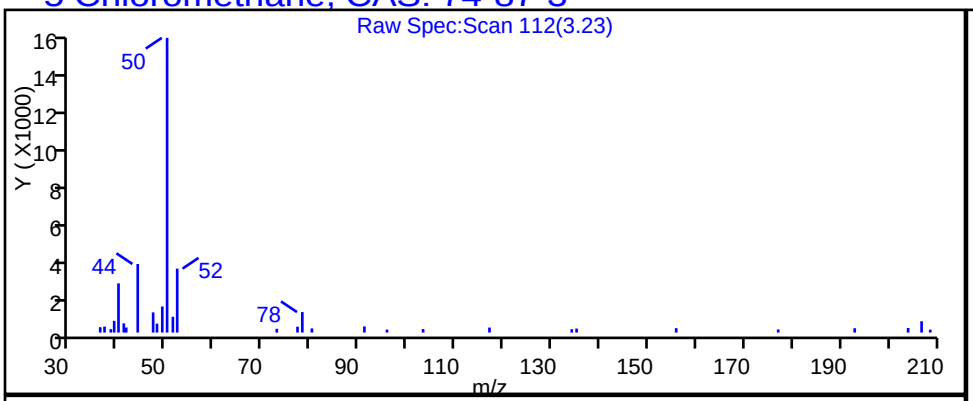


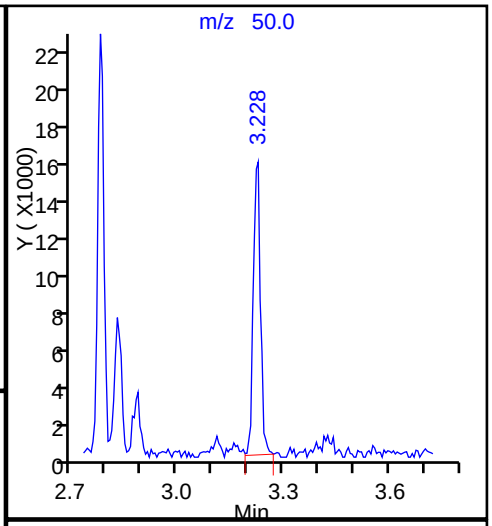
Report Date: 02-Feb-2015 09:23:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

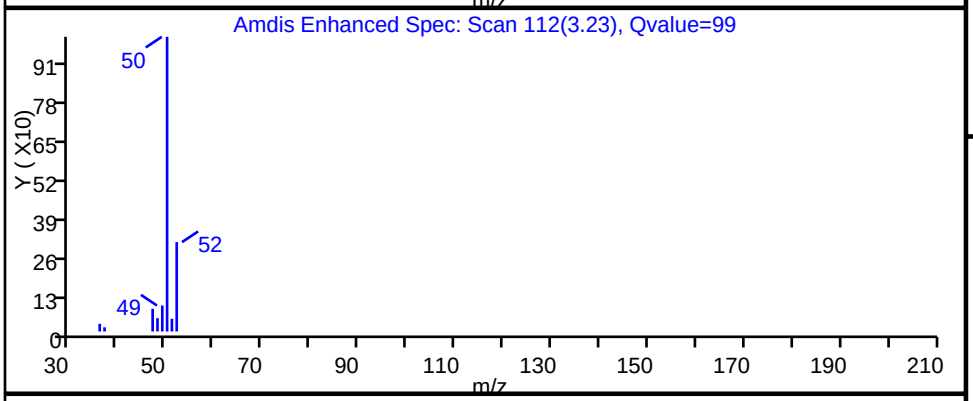
TestAmerica Burlington

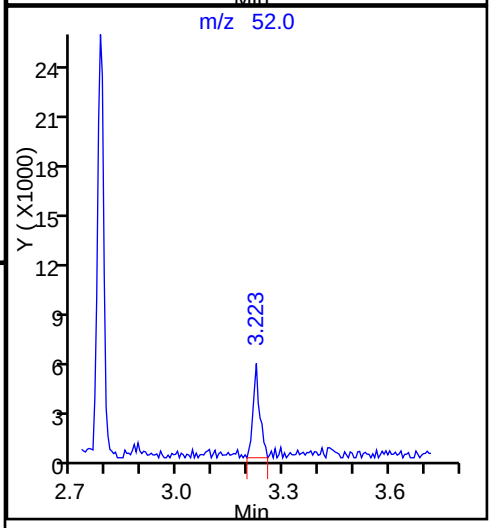
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D		
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A
Client ID:	774VMP0201MA		
Operator ID:	bpl	ALS Bottle#:	5 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

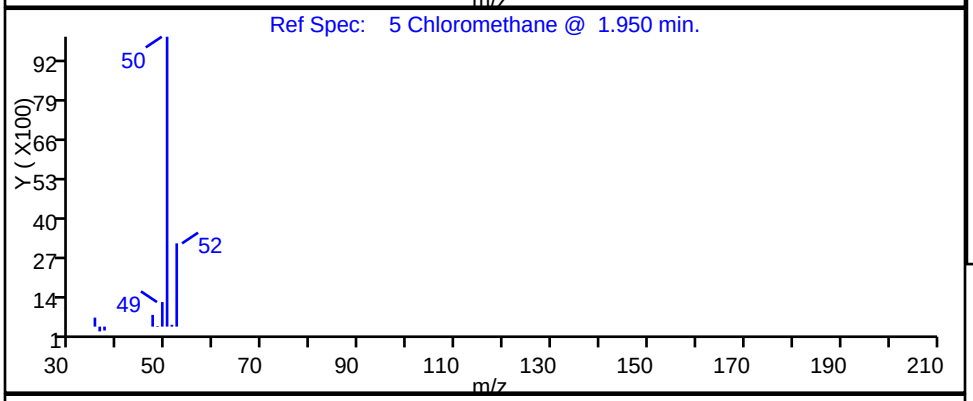
5 Chloromethane, CAS: 74-87-3

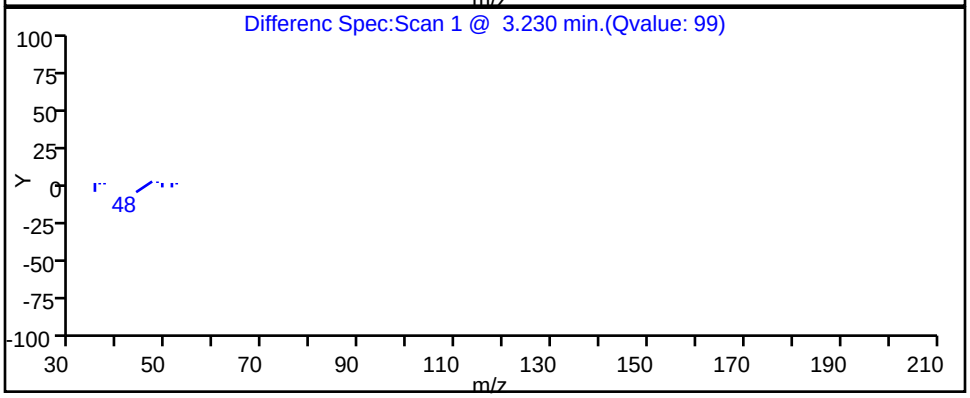










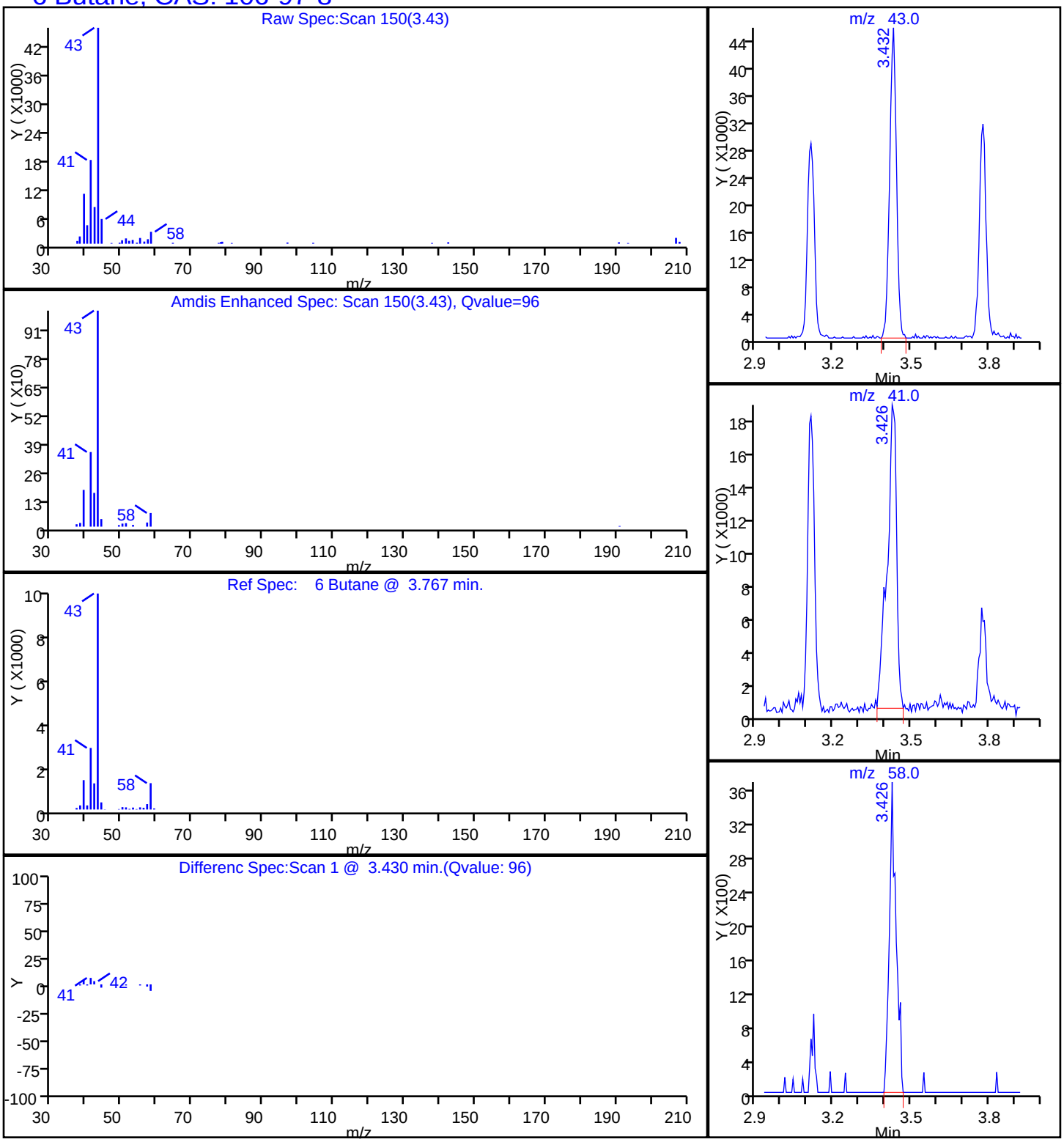


Report Date: 02-Feb-2015 09:23:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D		
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A
Client ID:	774VMP0201MA		
Operator ID:	bpl	ALS Bottle#:	5 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

6 Butane, CAS: 106-97-8

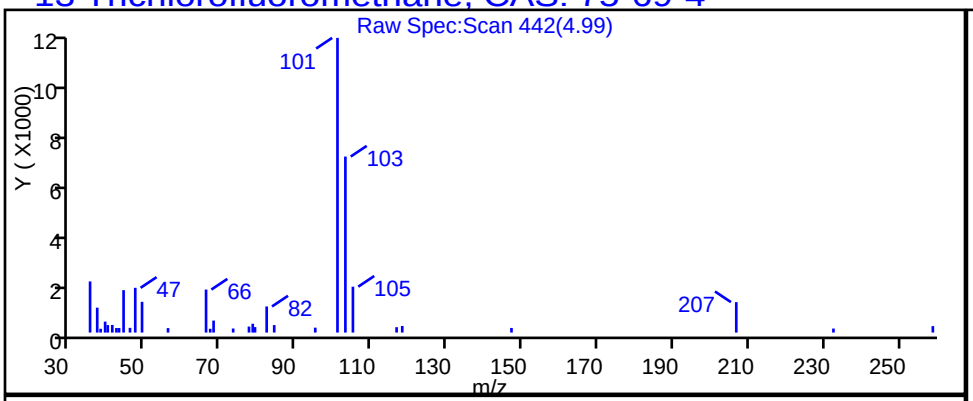


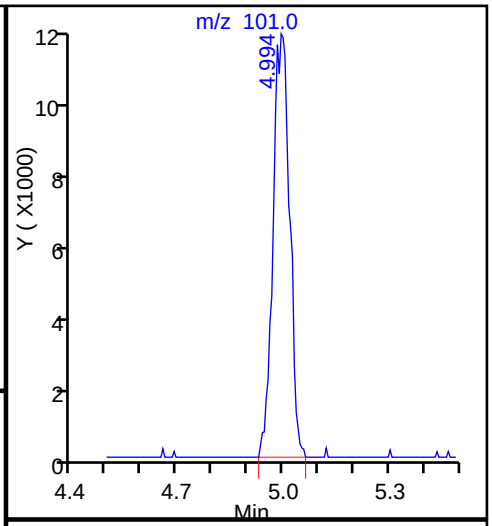
Report Date: 02-Feb-2015 09:23:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

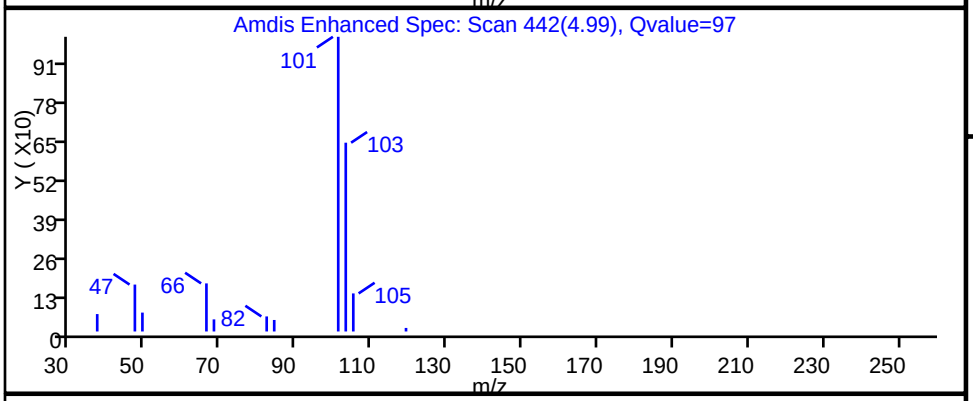
TestAmerica Burlington

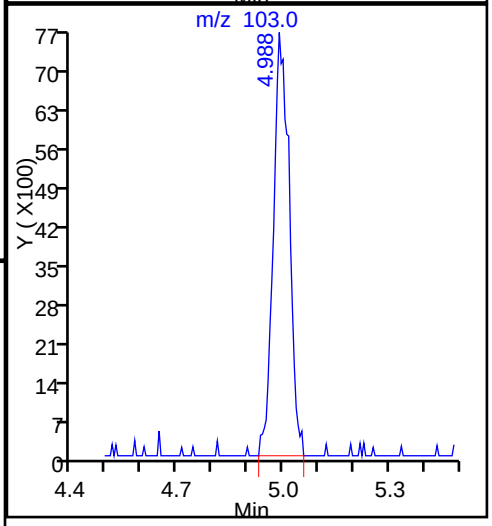
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

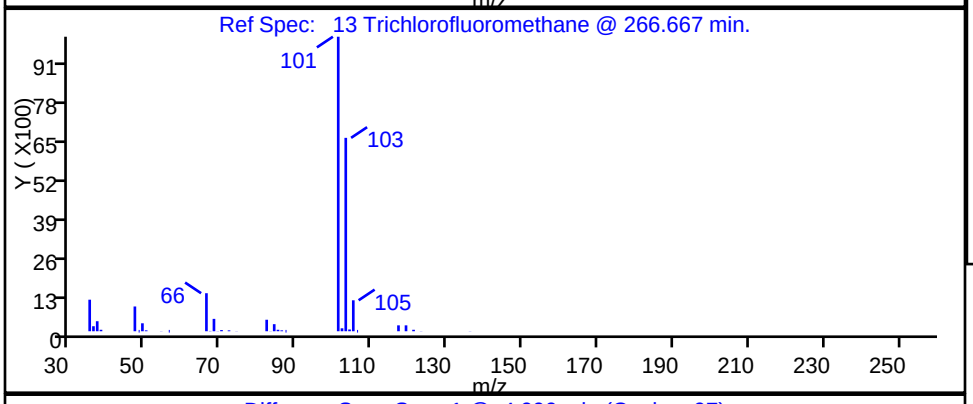
13 Trichlorofluoromethane, CAS: 75-69-4

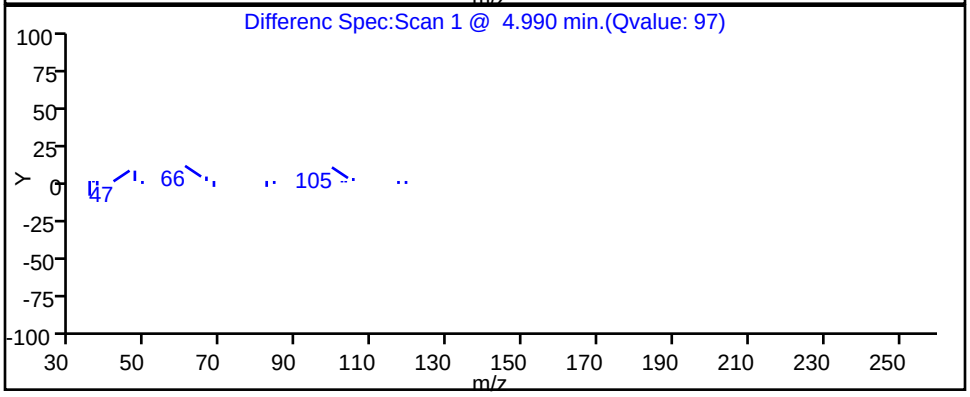










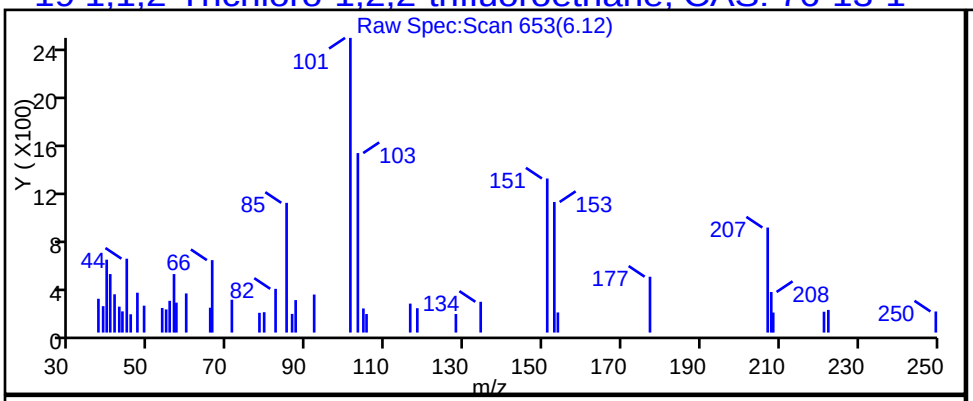


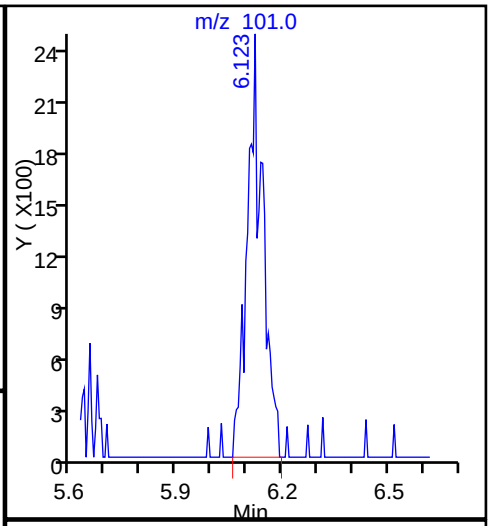
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

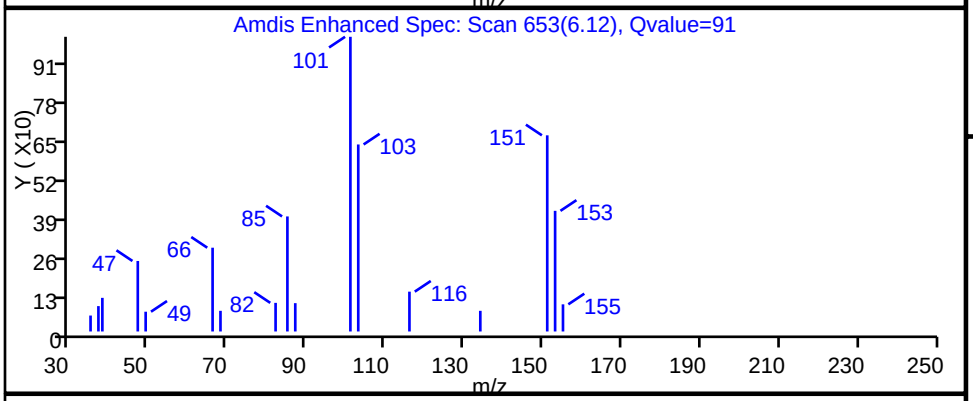
TestAmerica Burlington

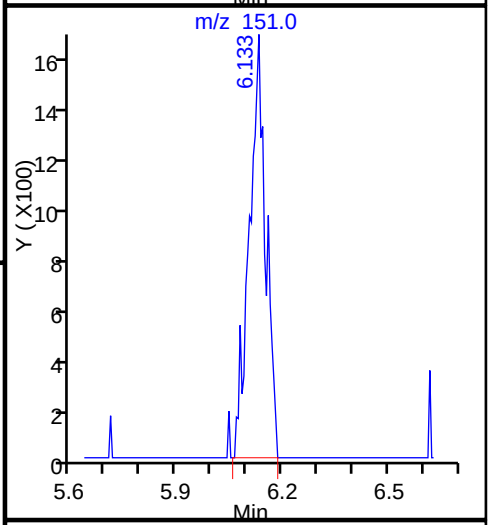
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

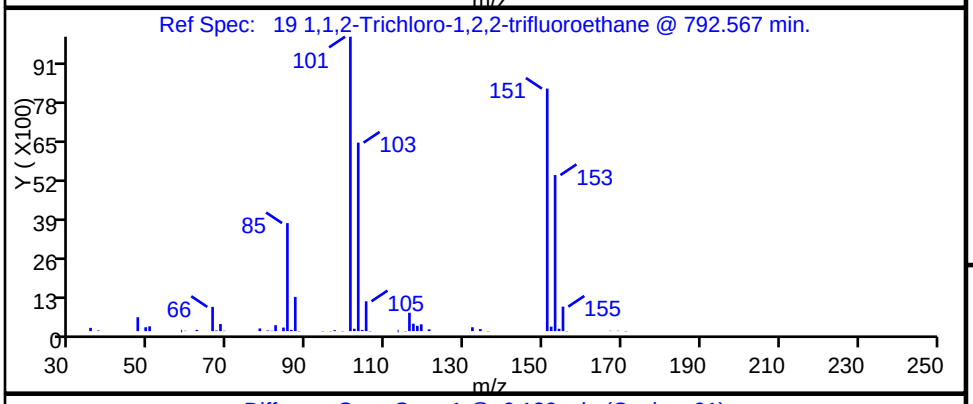
19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

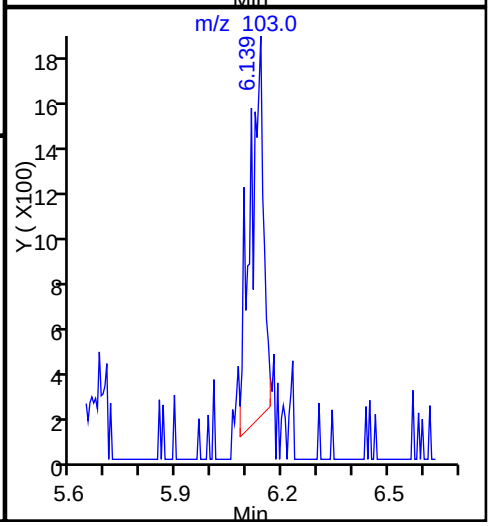


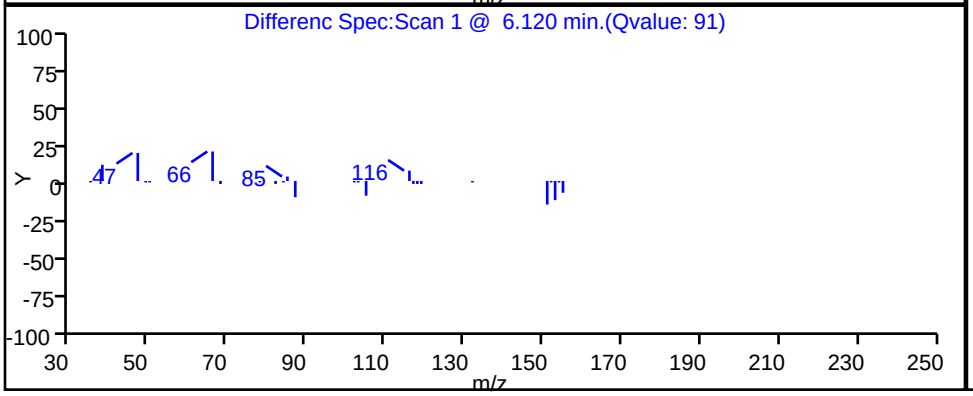












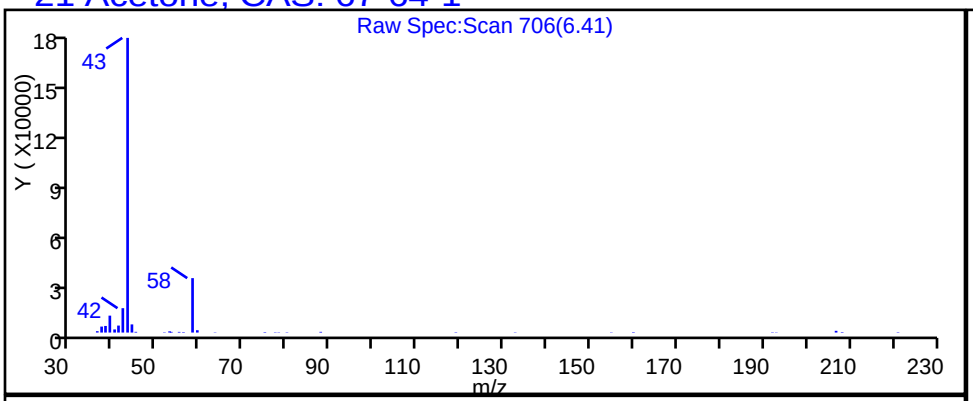
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

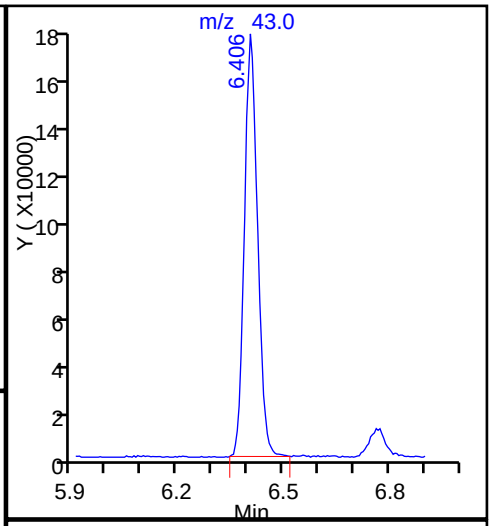
TestAmerica Burlington

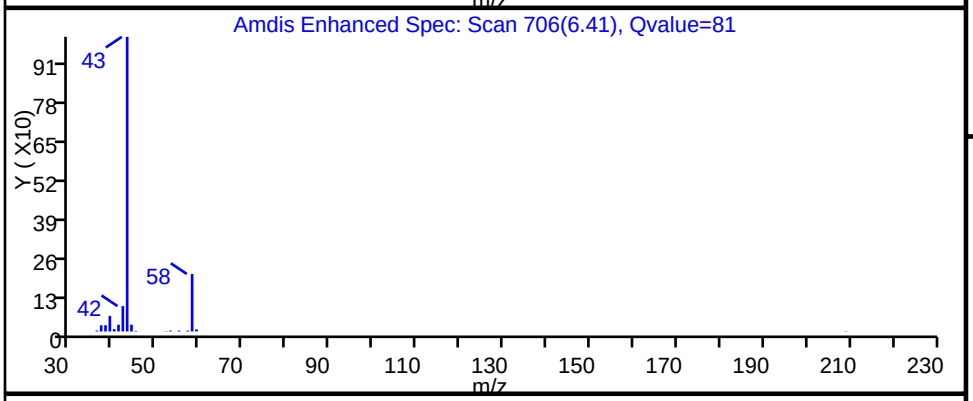
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D

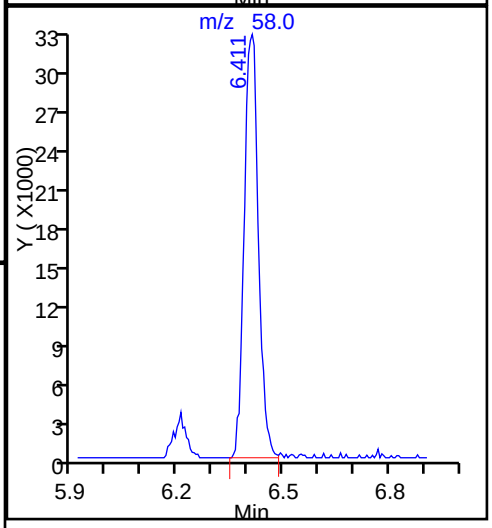
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

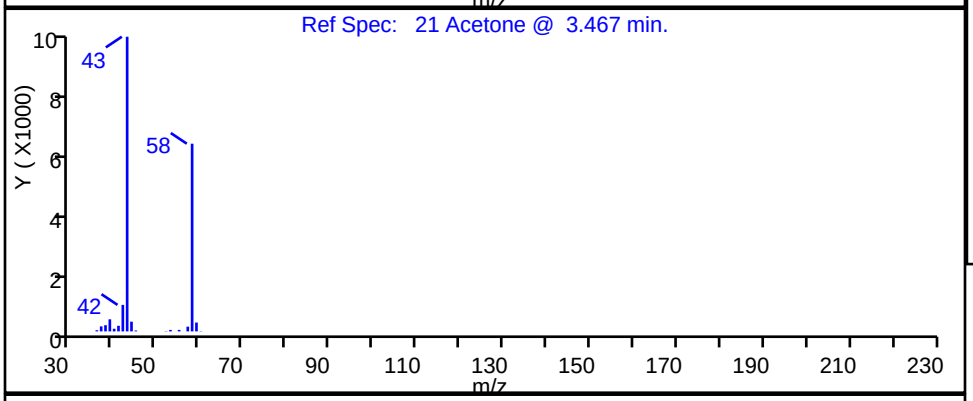
21 Acetone, CAS: 67-64-1

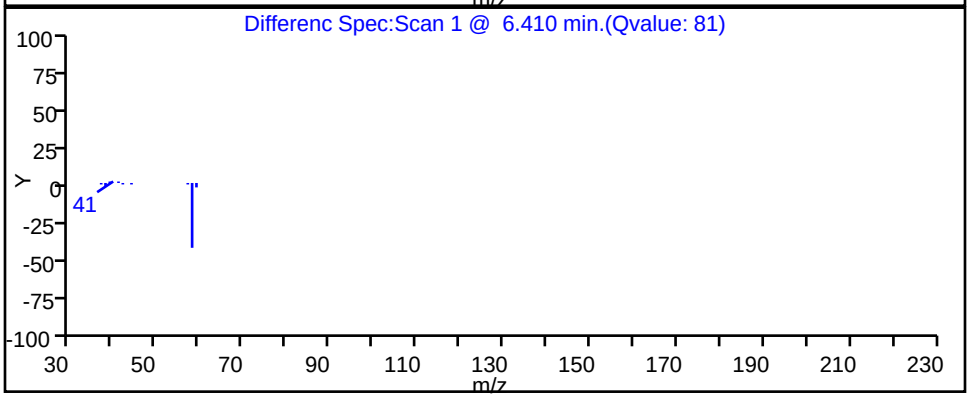












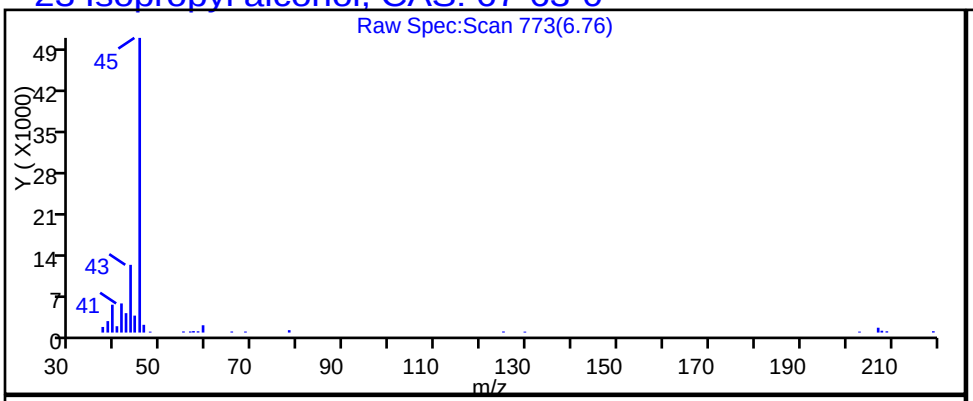
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

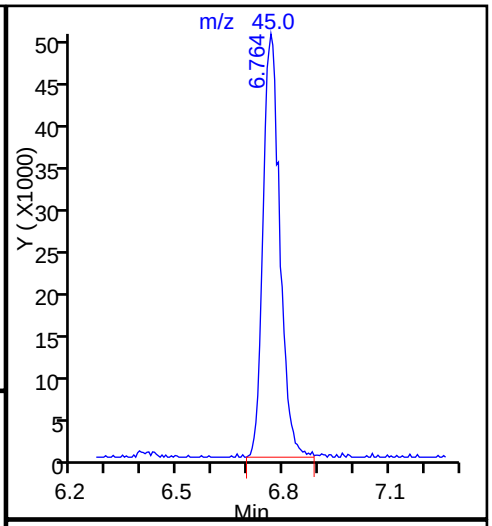
TestAmerica Burlington

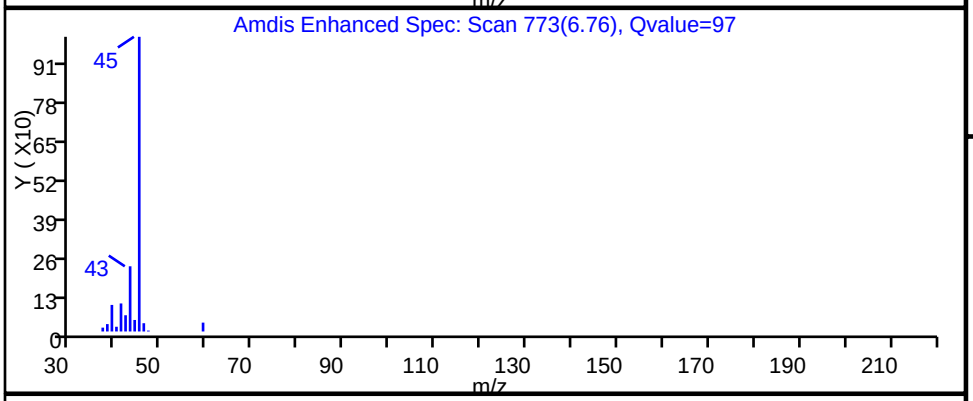
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D

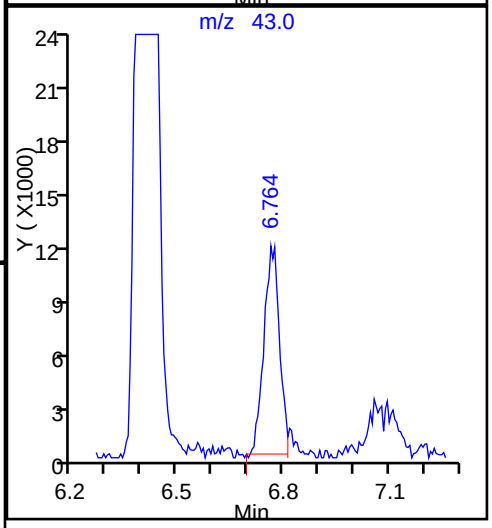
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A
Client ID:	774VMP0201MA		
Operator ID:	bpl	ALS Bottle#:	5 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

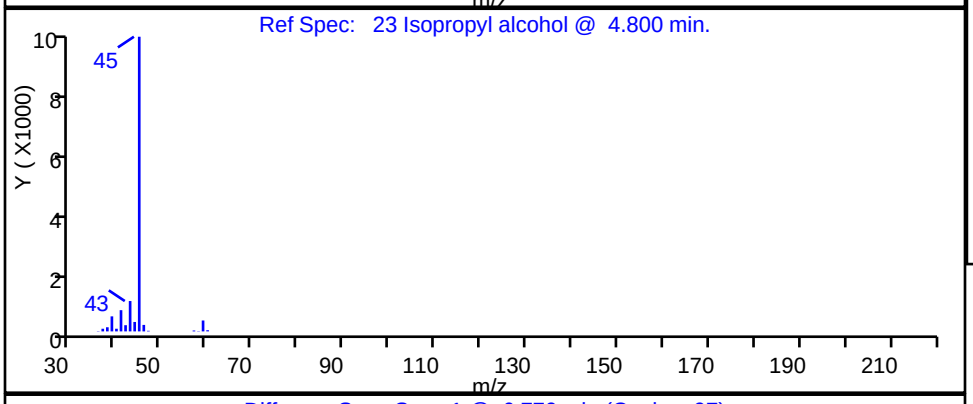
23 Isopropyl alcohol, CAS: 67-63-0

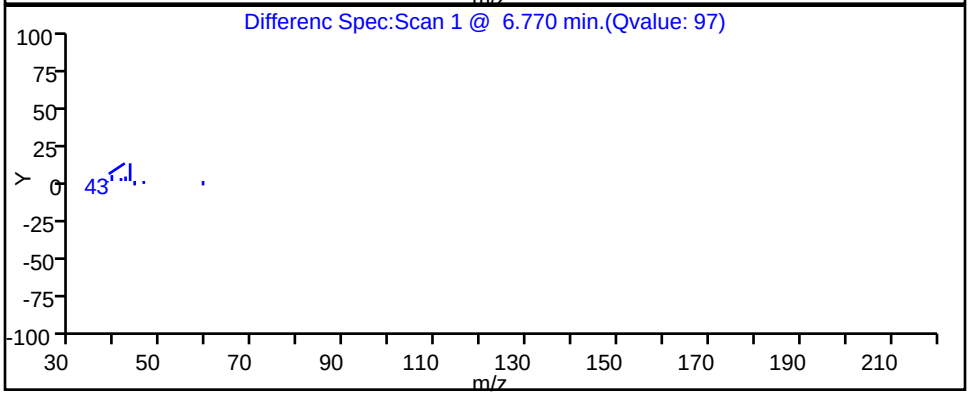










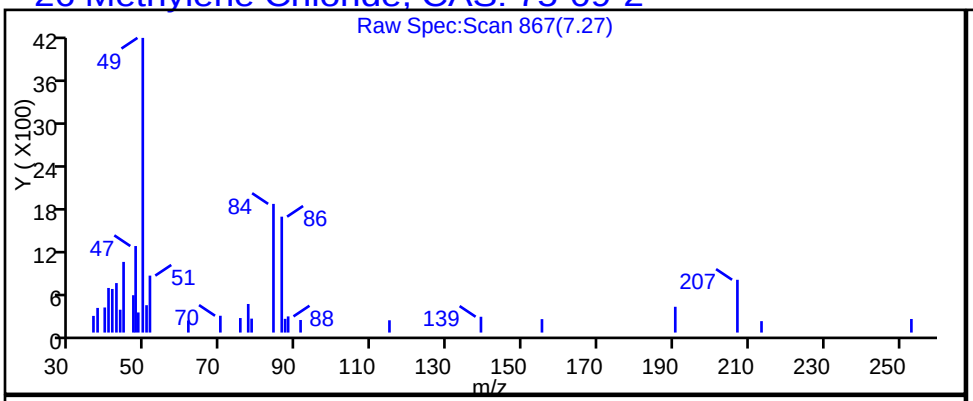


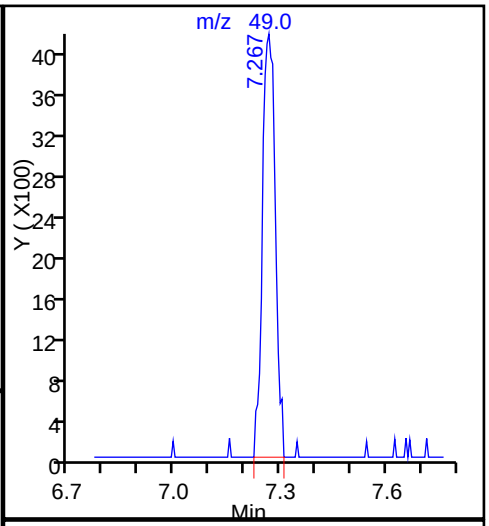
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

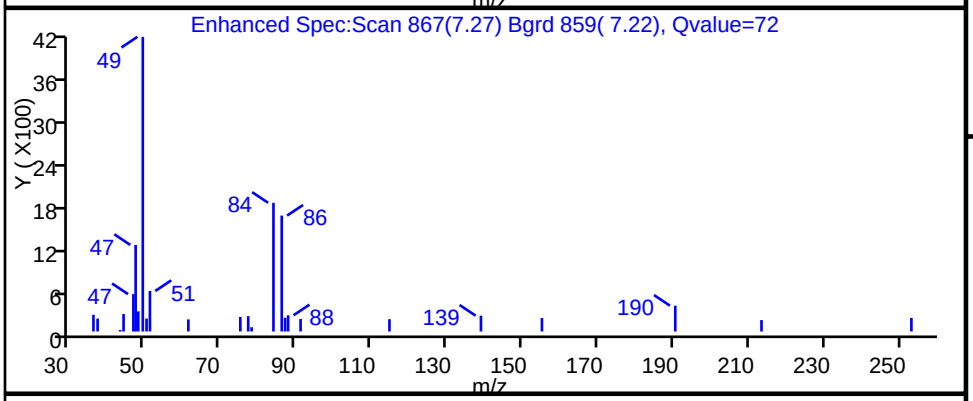
TestAmerica Burlington

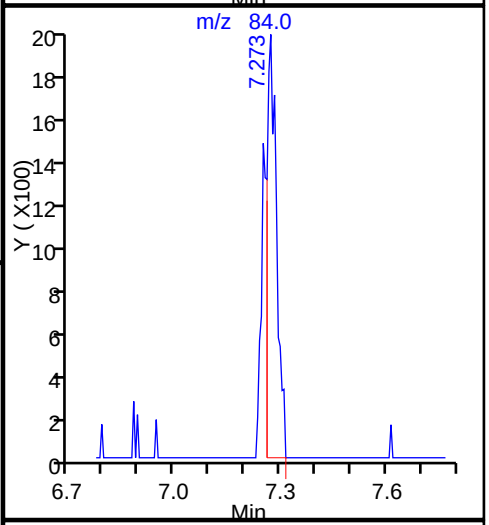
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

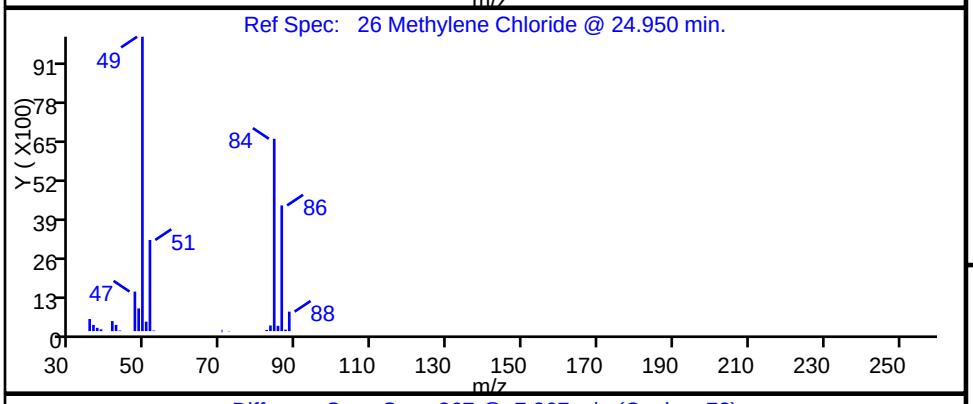
26 Methylene Chloride, CAS: 75-09-2

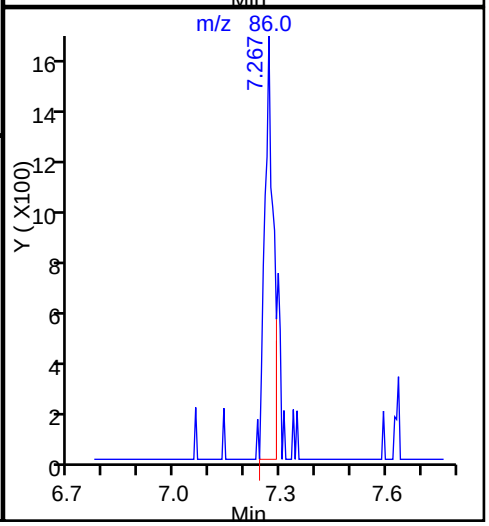


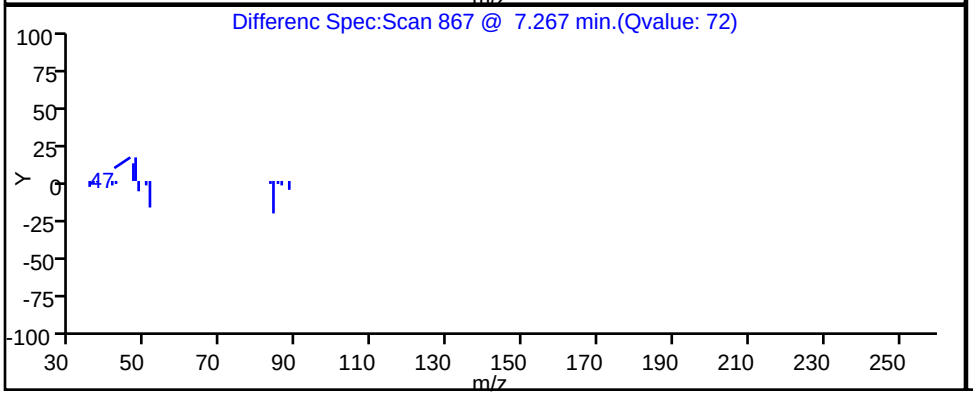










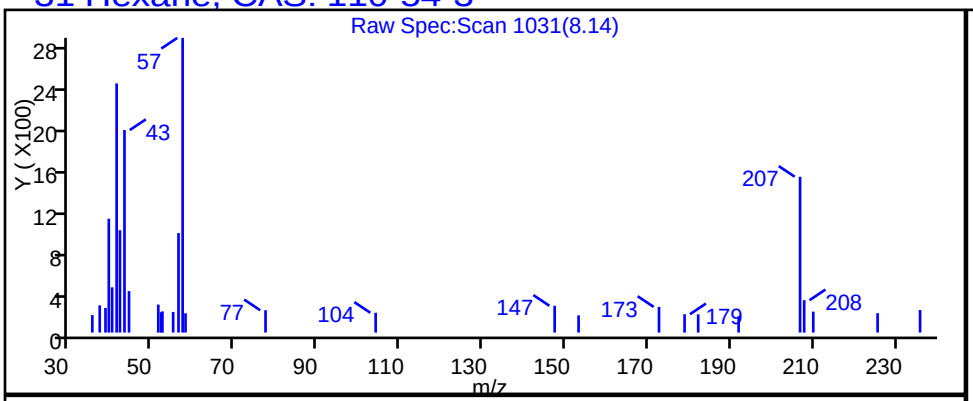


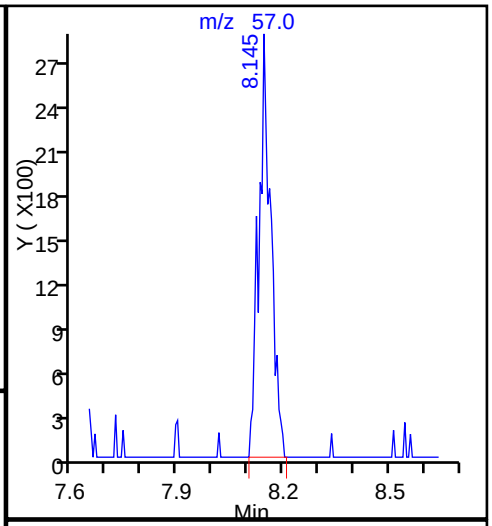
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

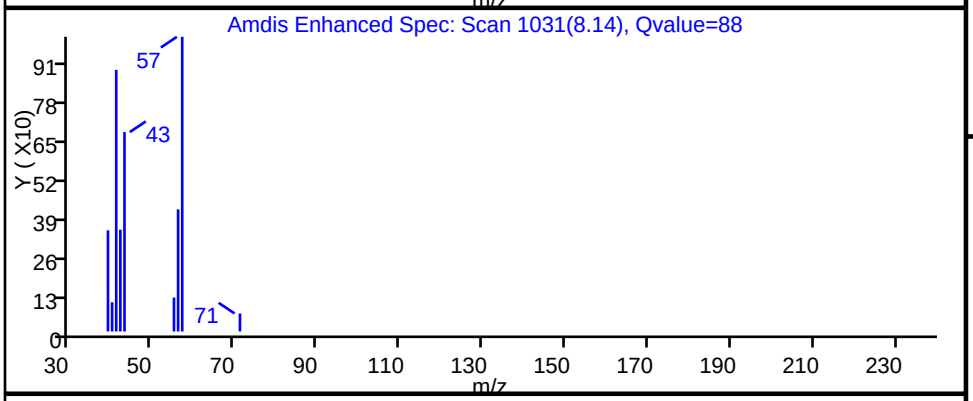
TestAmerica Burlington

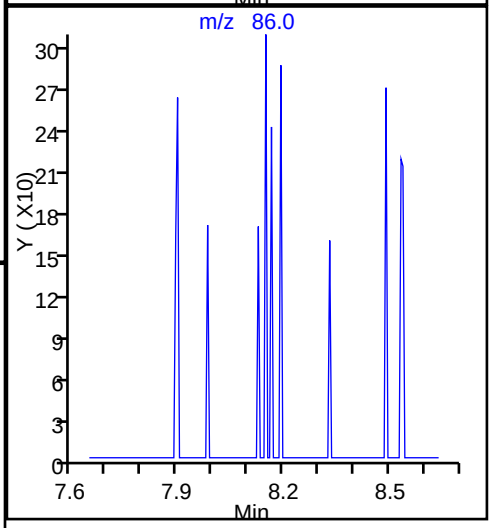
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D		
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A
Client ID:	774VMP0201MA		
Operator ID:	bpl	ALS Bottle#:	5 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

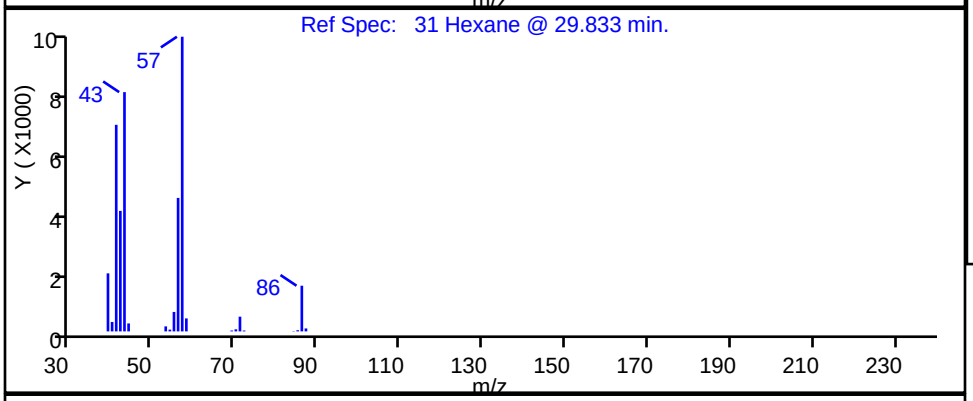
31 Hexane, CAS: 110-54-3

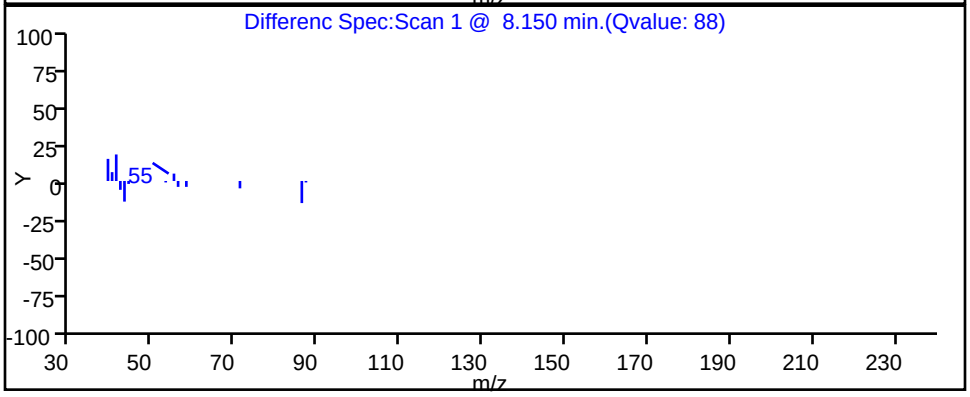












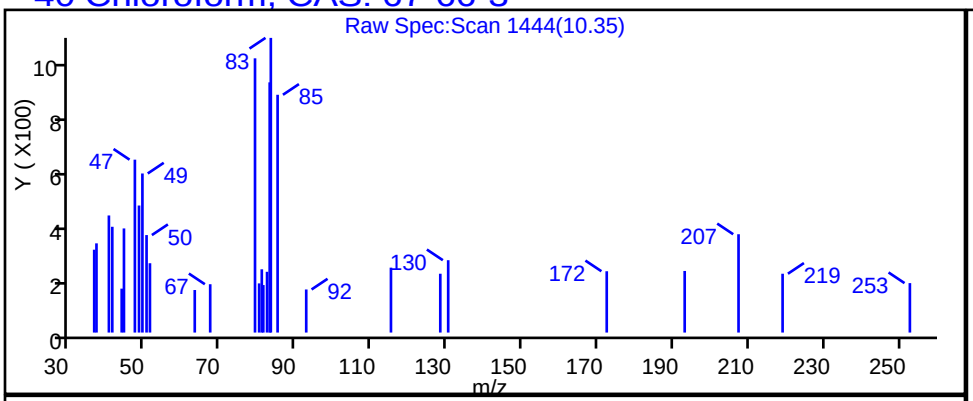
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

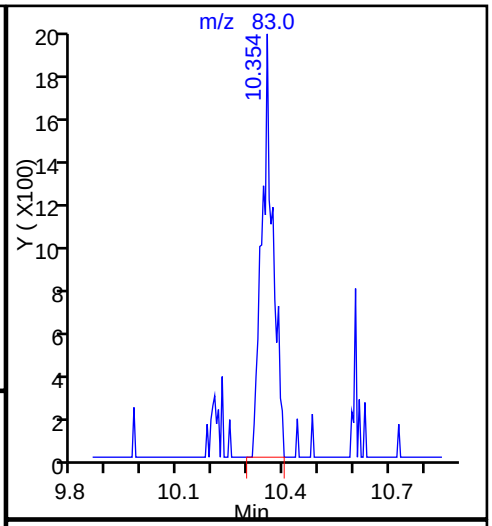
TestAmerica Burlington

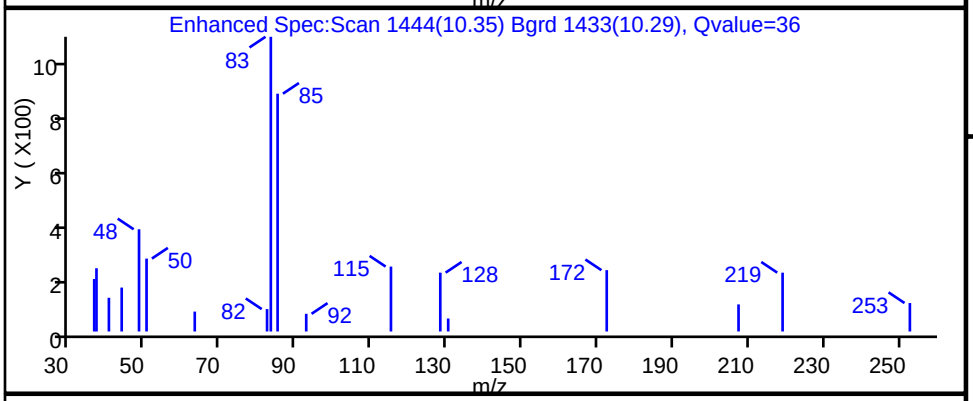
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D

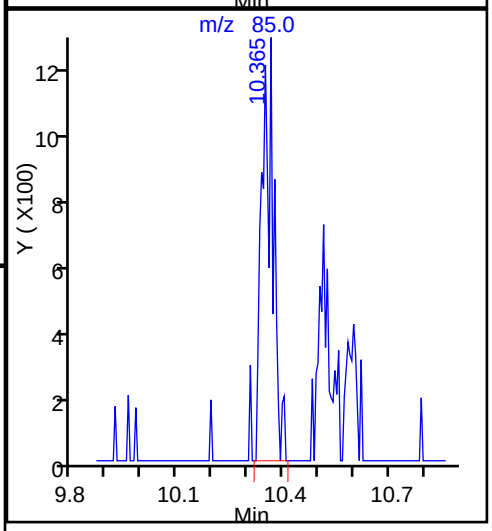
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

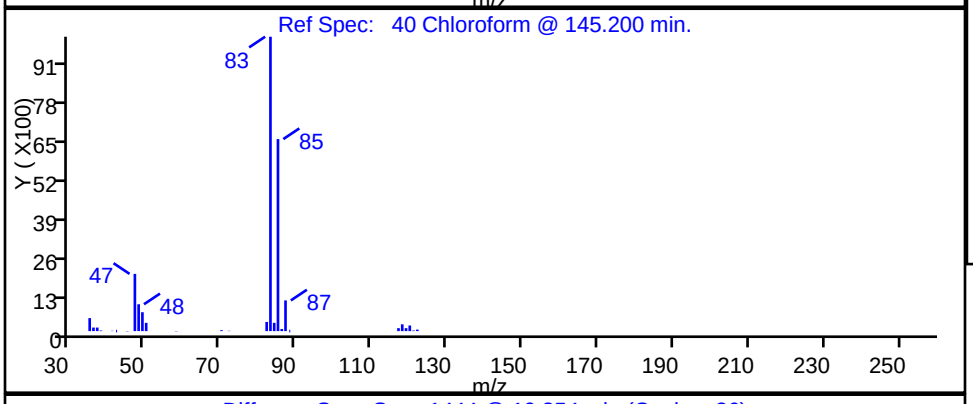
40 Chloroform, CAS: 67-66-3

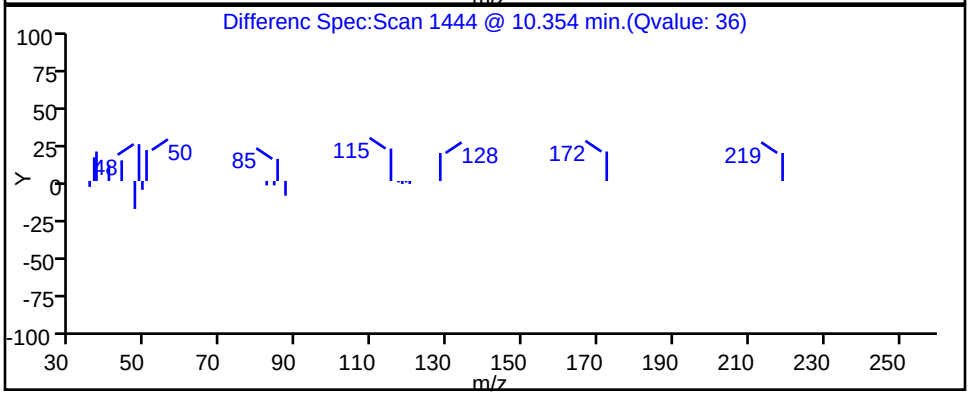










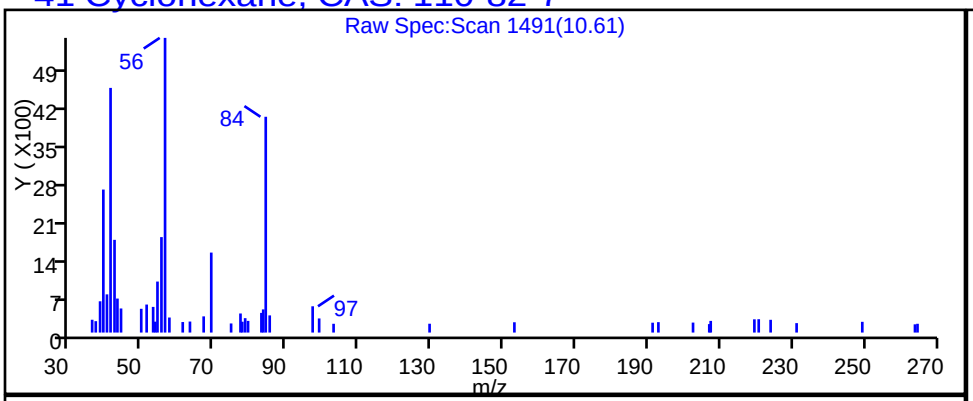


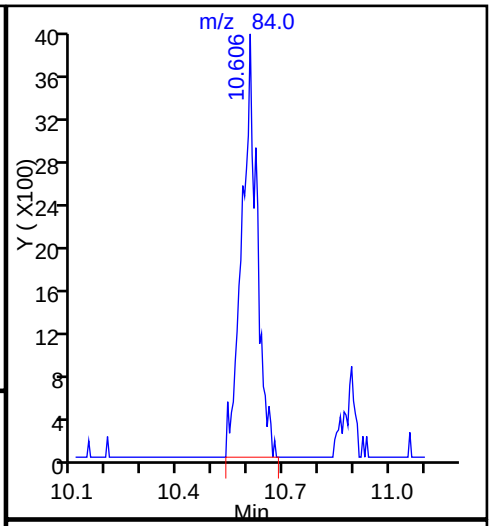
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

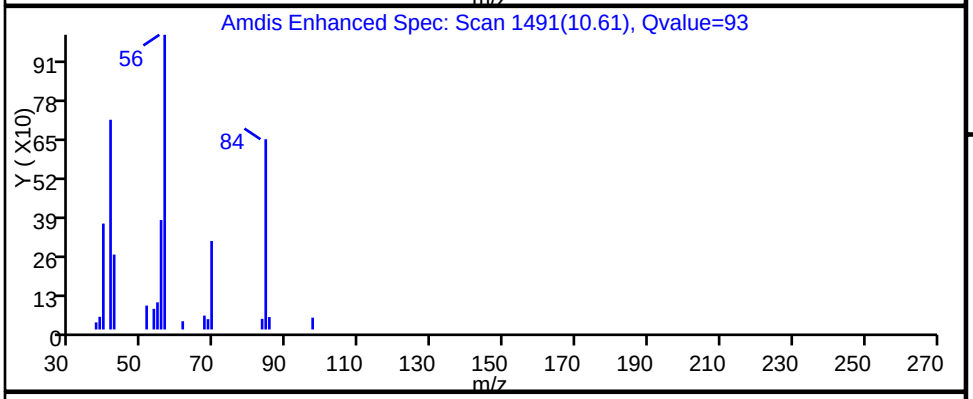
TestAmerica Burlington

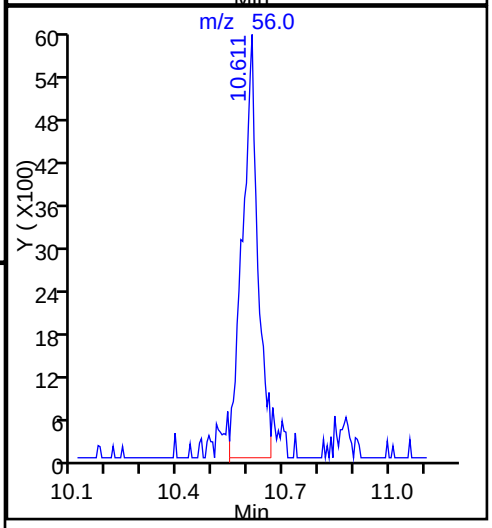
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

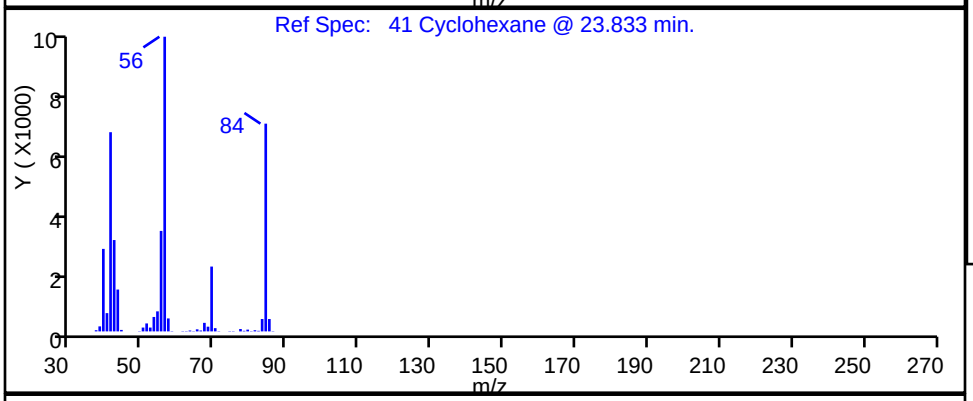
41 Cyclohexane, CAS: 110-82-7

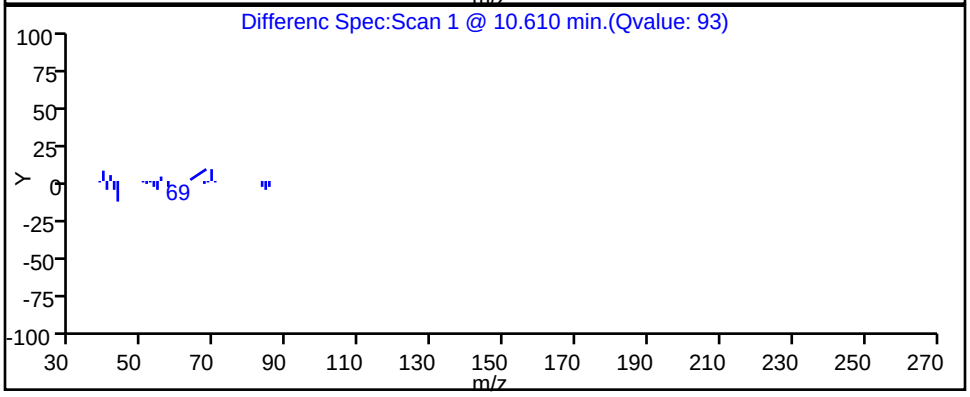








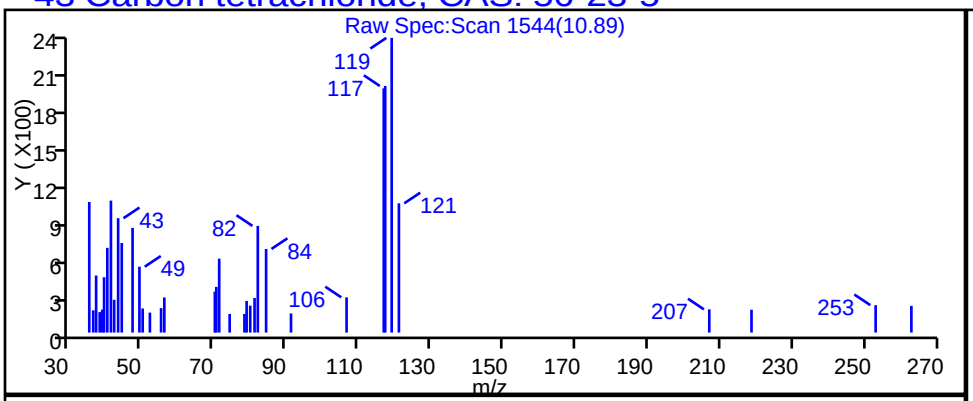


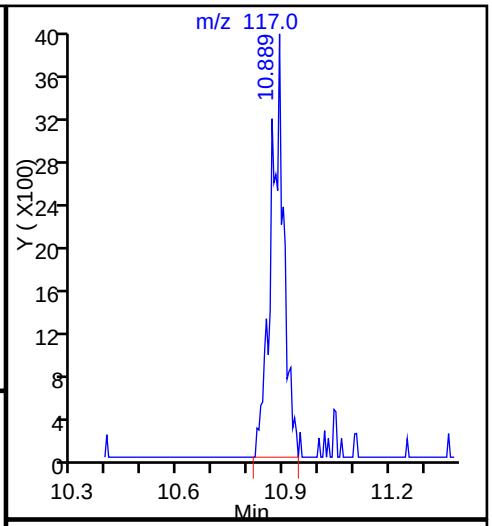


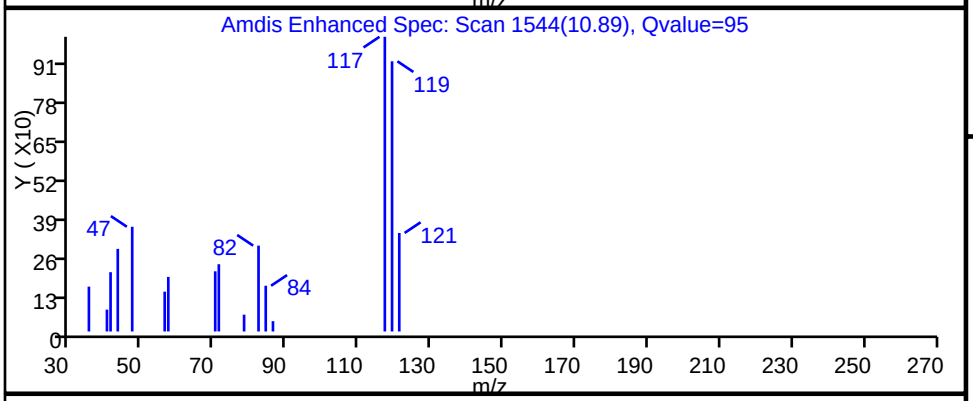
TestAmerica Burlington

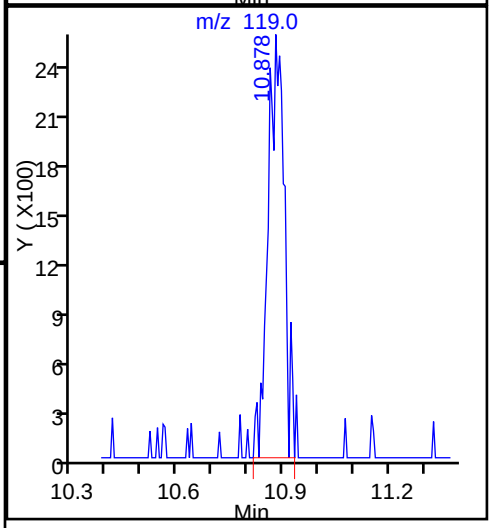
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

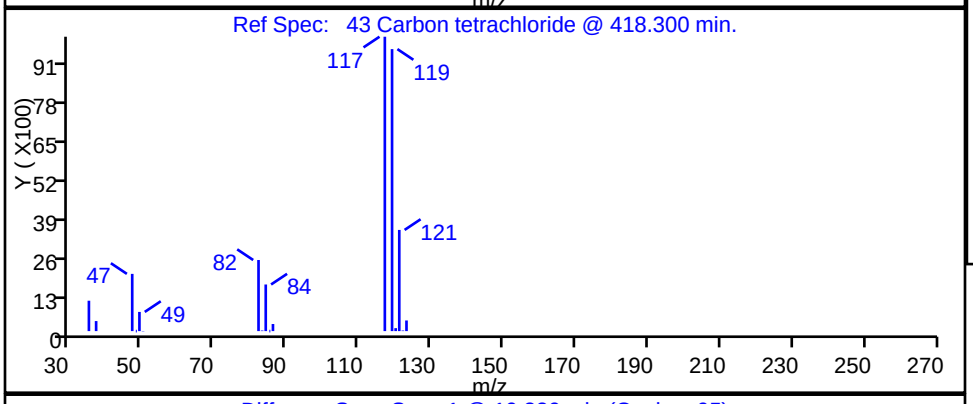
43 Carbon tetrachloride, CAS: 56-23-5

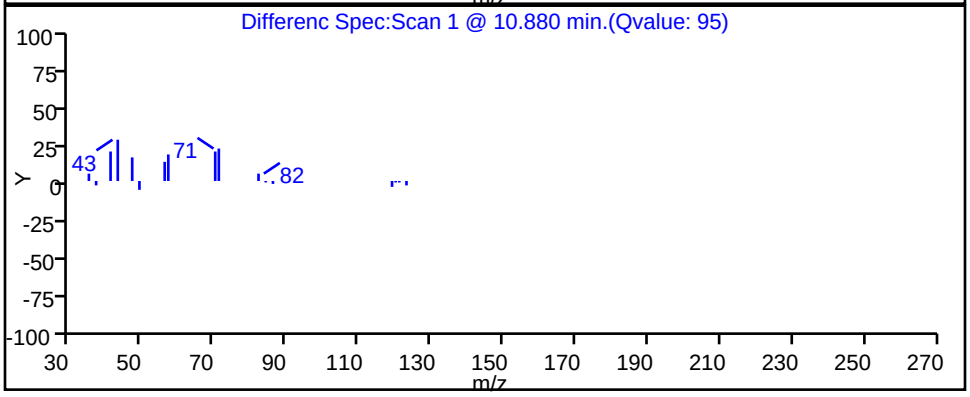












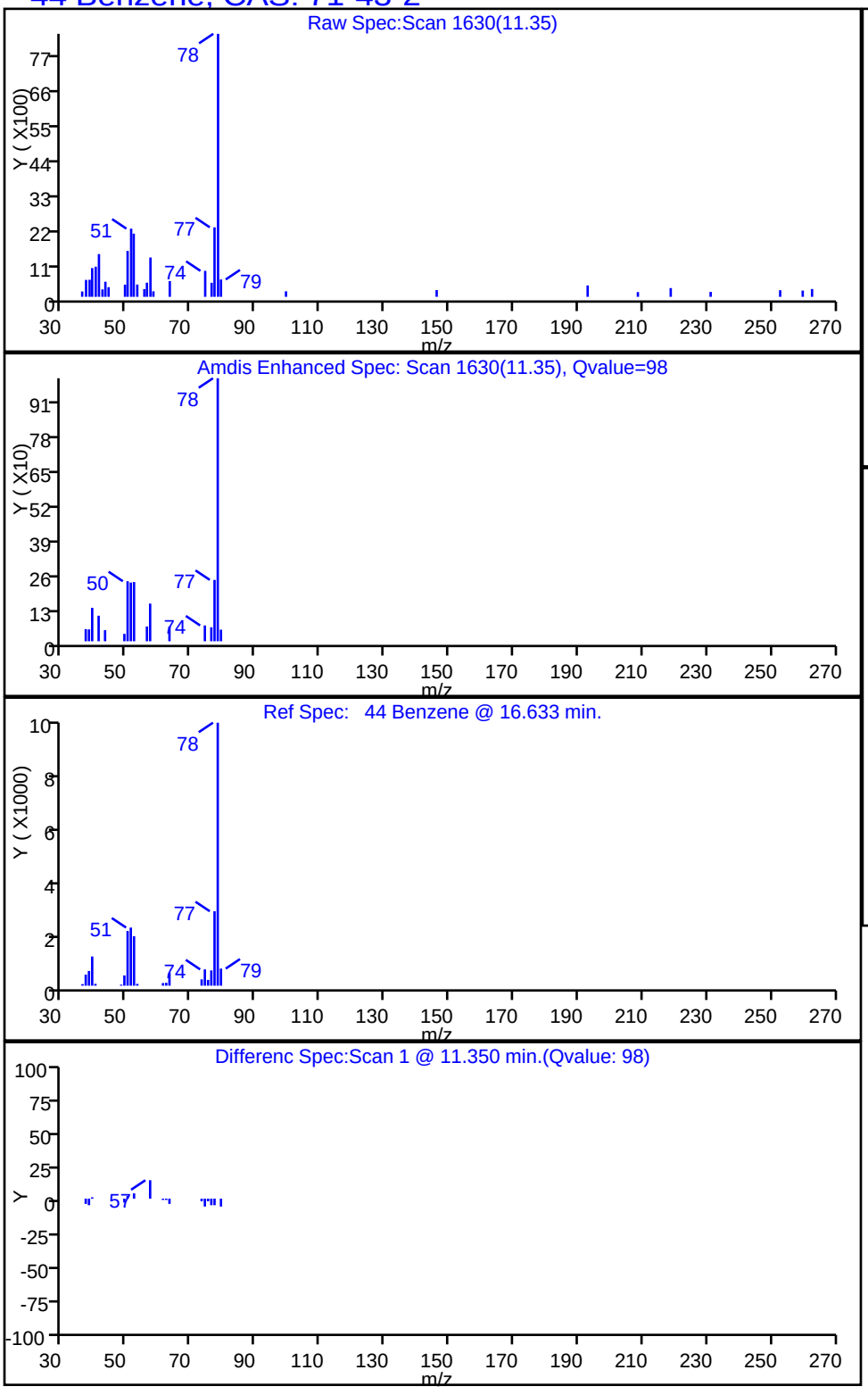
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

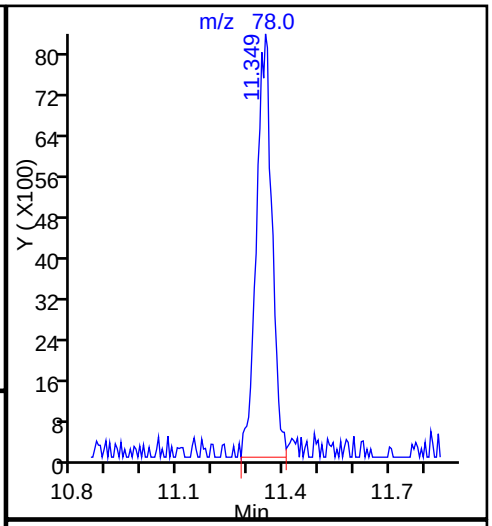
TestAmerica Burlington

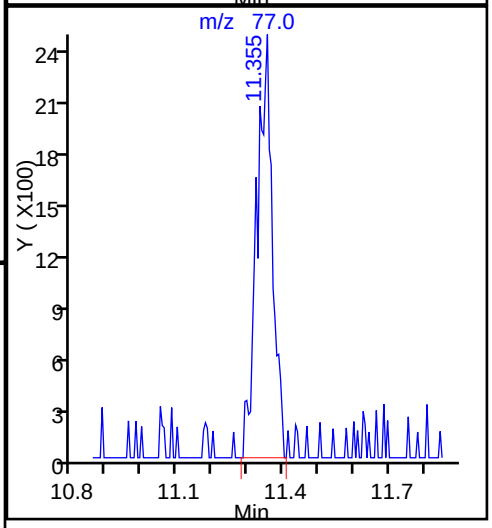
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D

Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 Benzene, CAS: 71-43-2







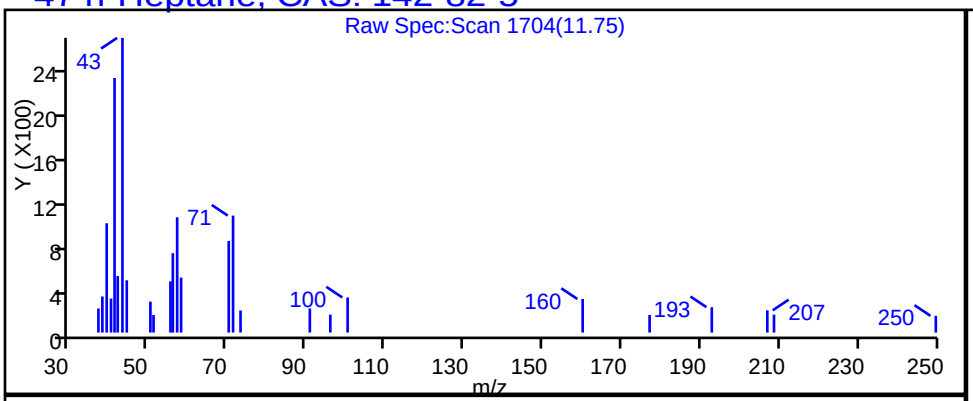
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

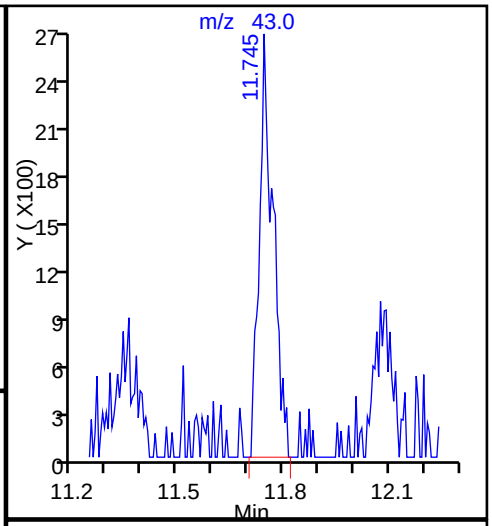
TestAmerica Burlington

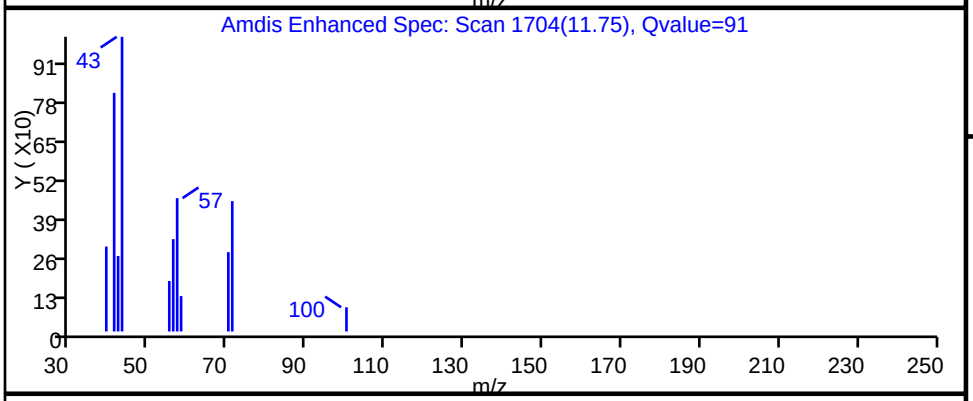
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D

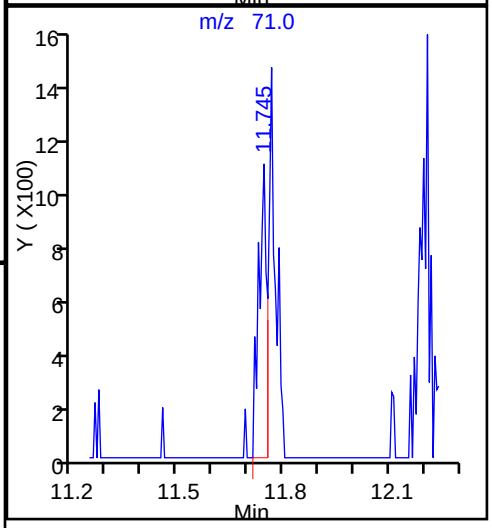
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

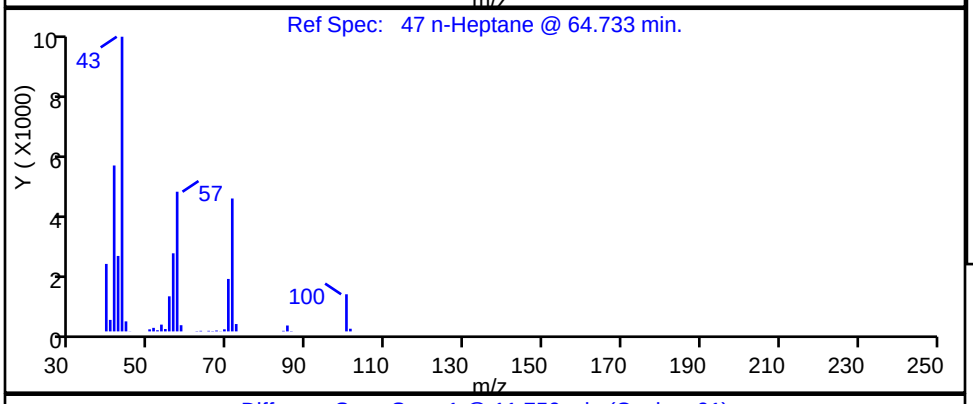
47 n-Heptane, CAS: 142-82-5

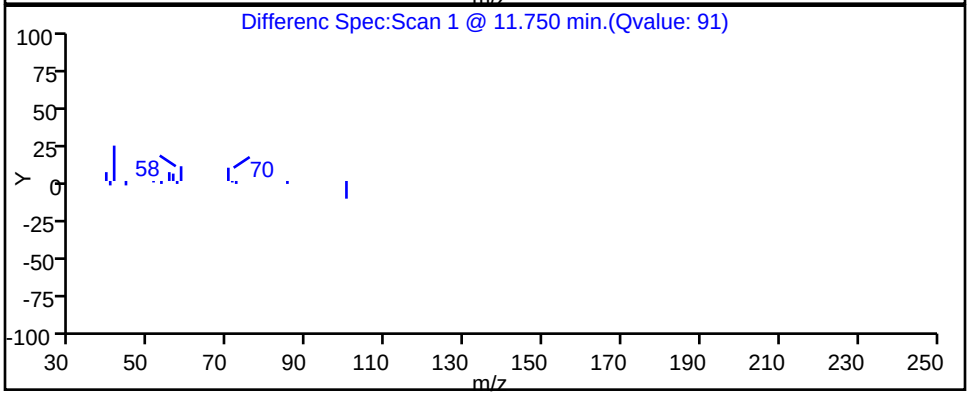












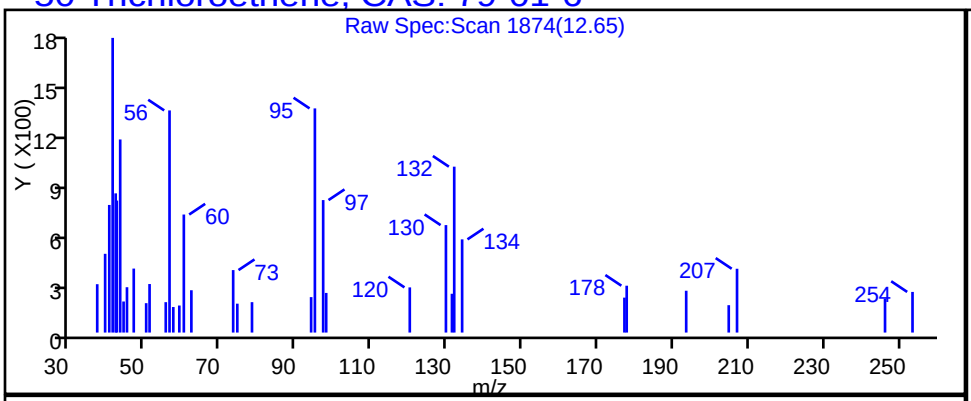
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

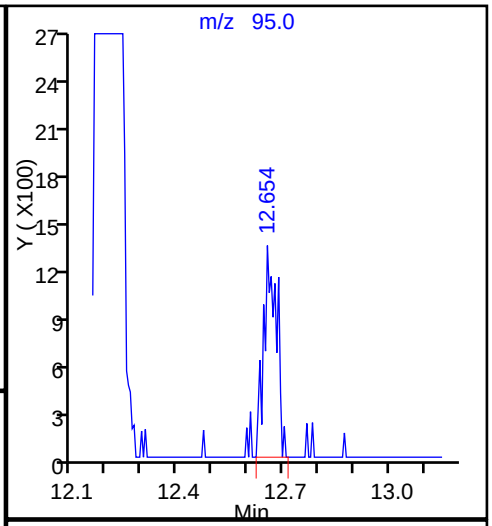
TestAmerica Burlington

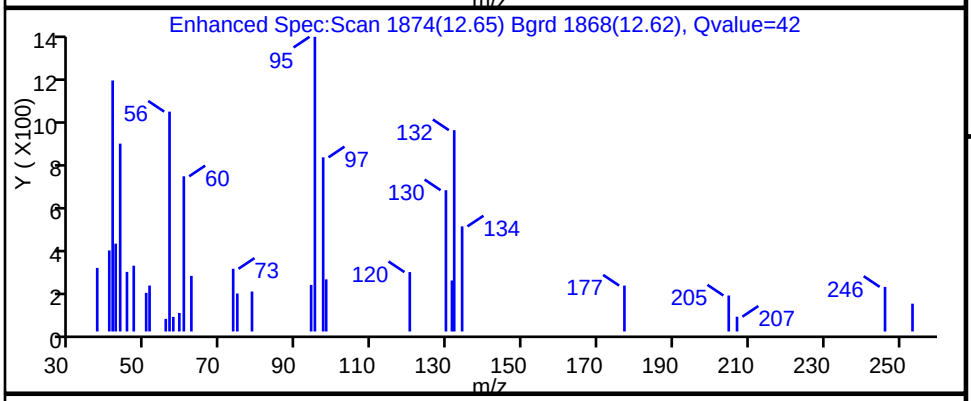
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D

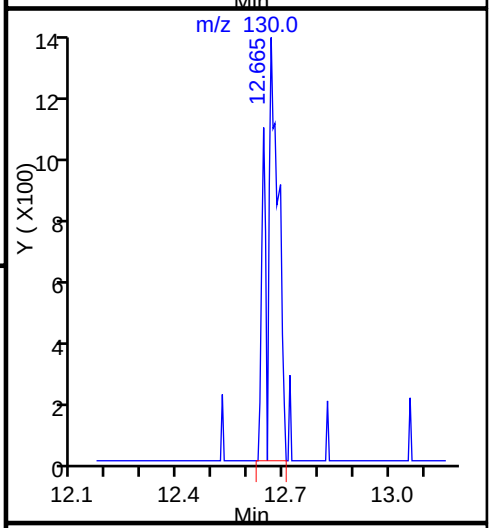
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A
Client ID:	774VMP0201MA		
Operator ID:	bpl	ALS Bottle#:	5 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

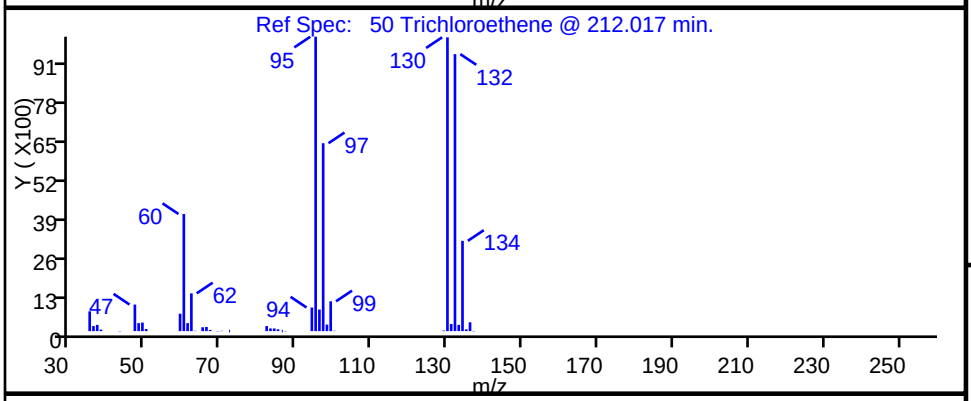
50 Trichloroethene, CAS: 79-01-6

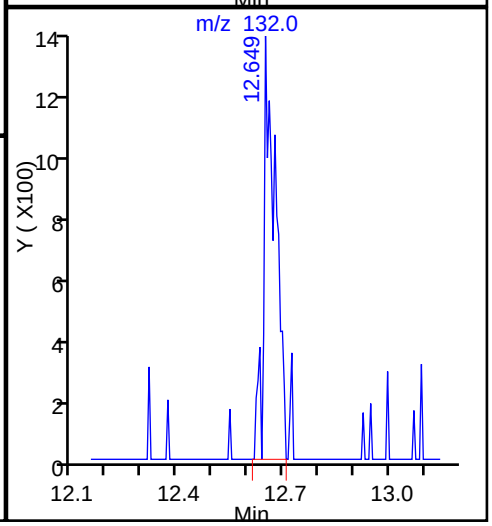


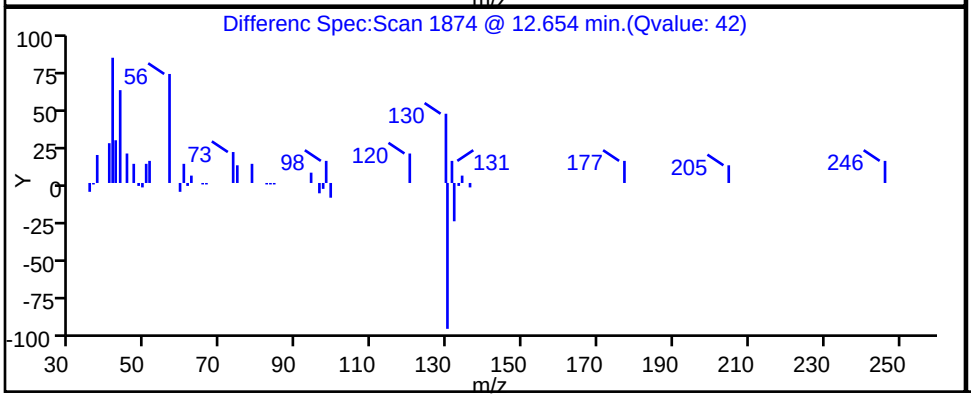










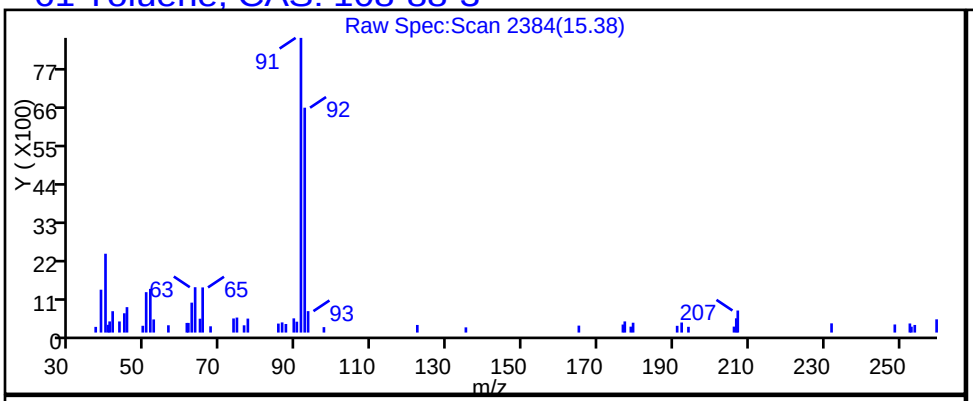


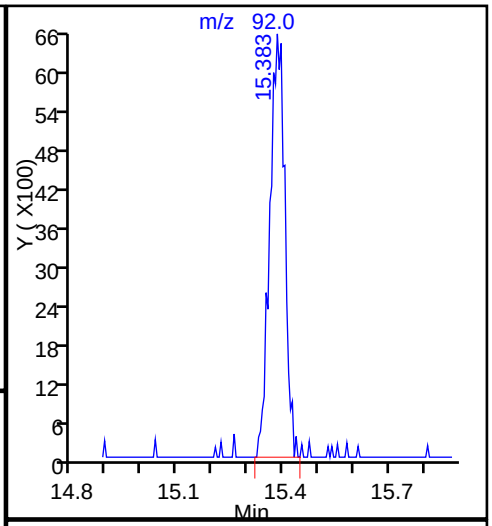
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

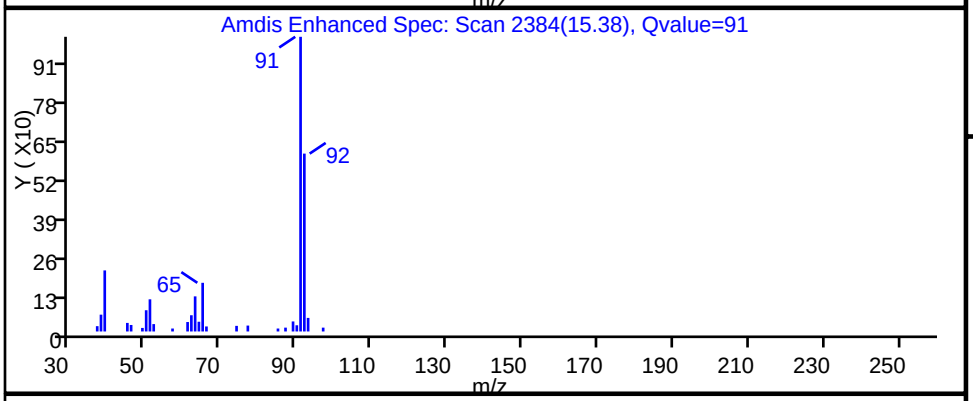
TestAmerica Burlington

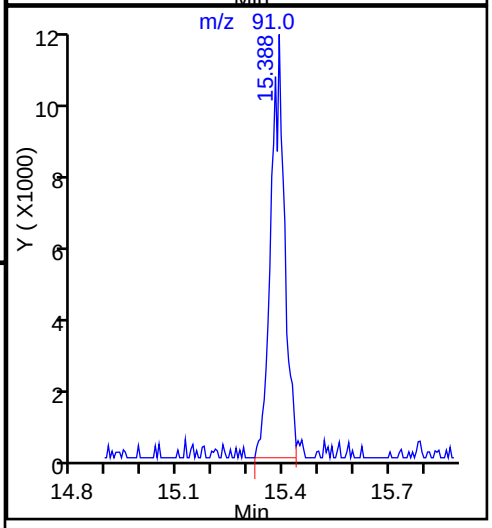
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

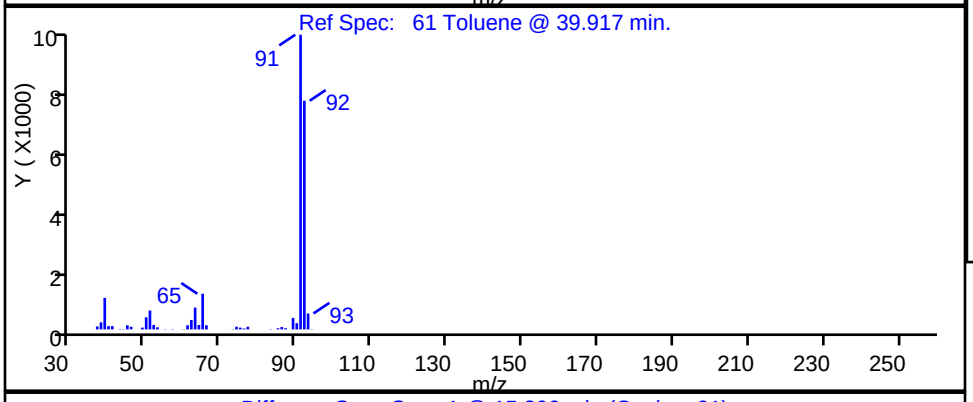
61 Toluene, CAS: 108-88-3

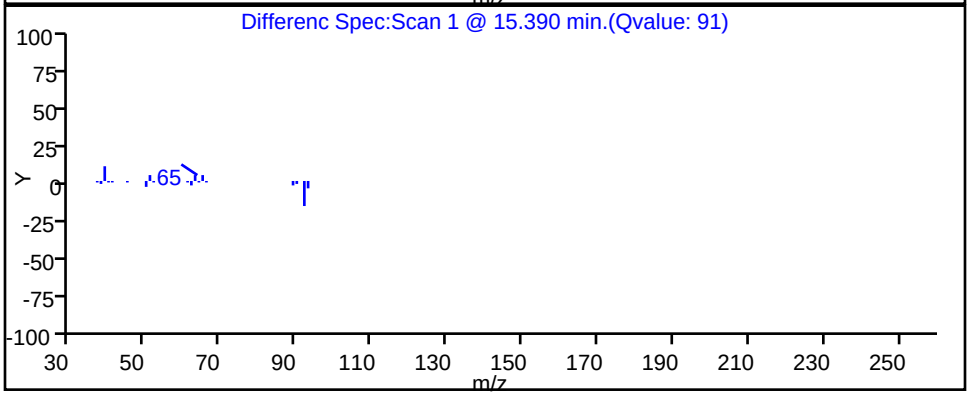








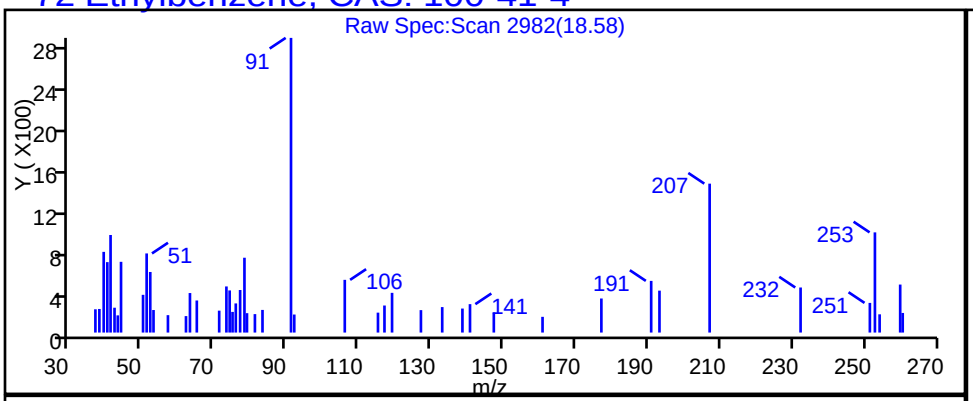


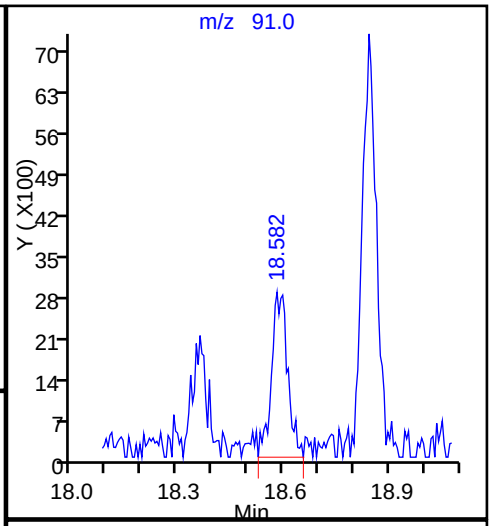


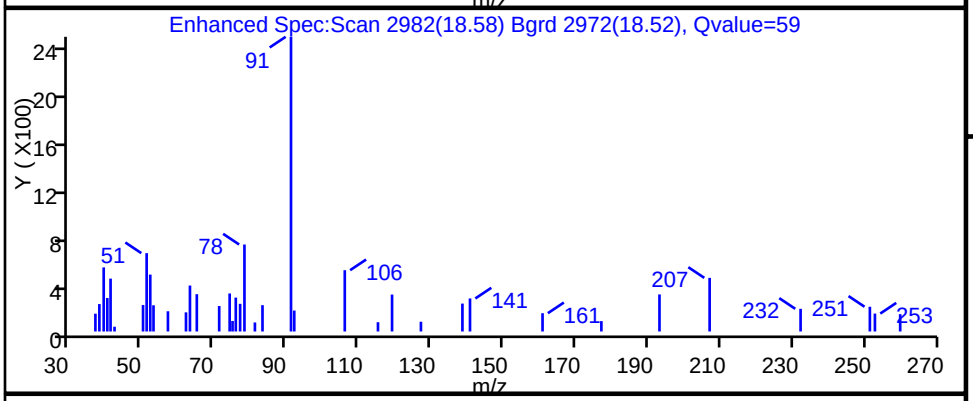
TestAmerica Burlington

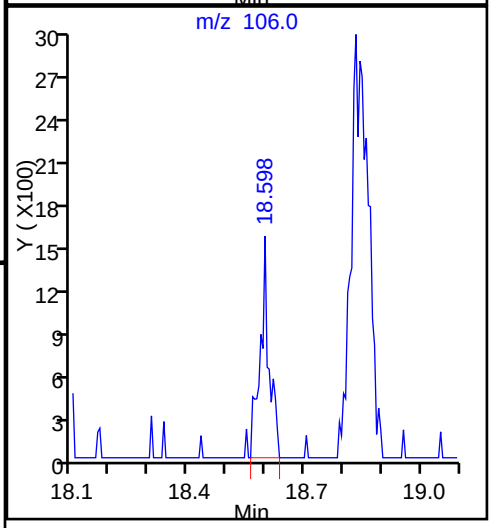
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

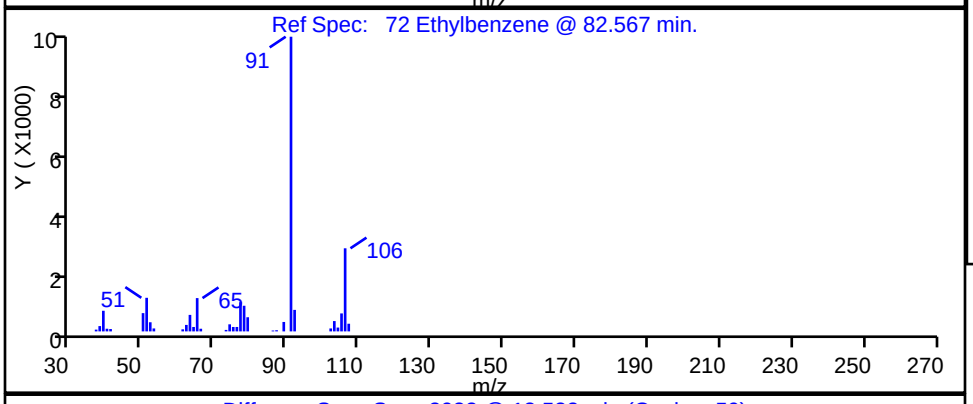
72 Ethylbenzene, CAS: 100-41-4

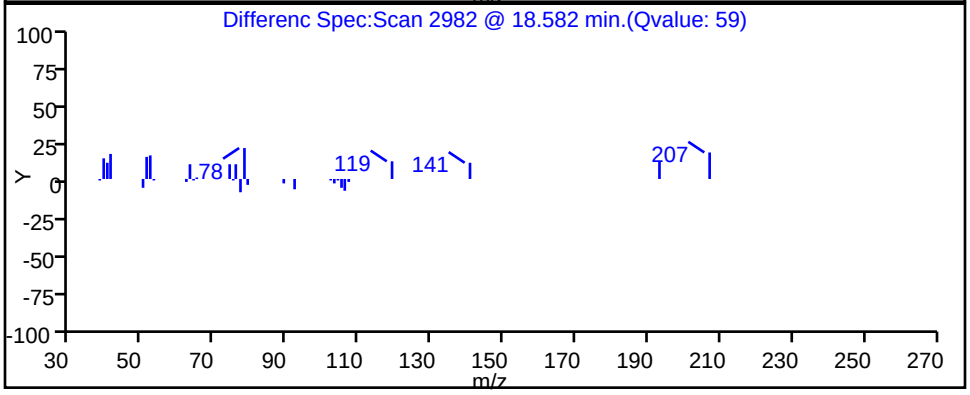








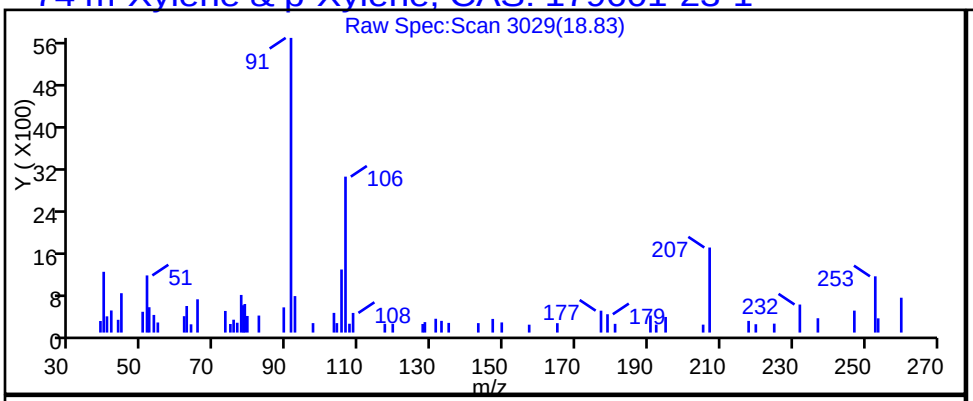


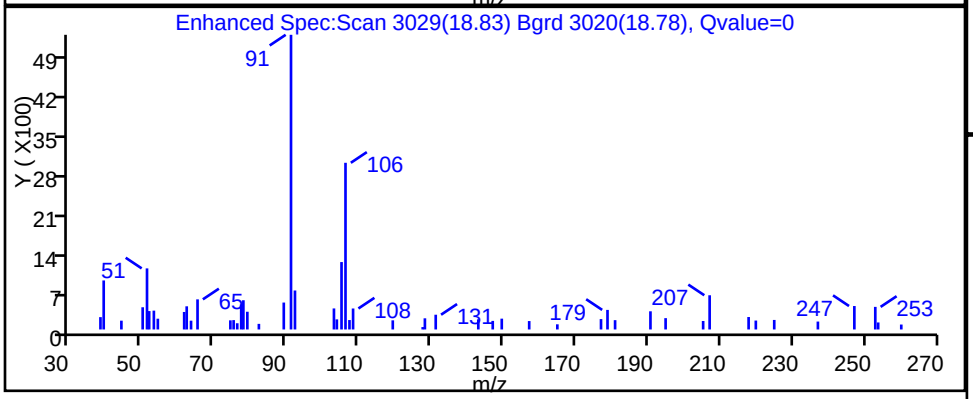


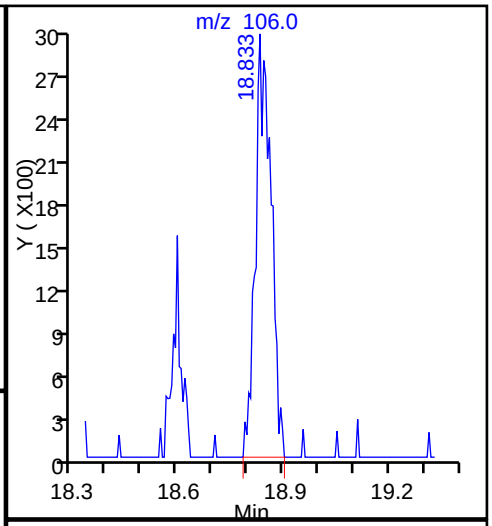
TestAmerica Burlington

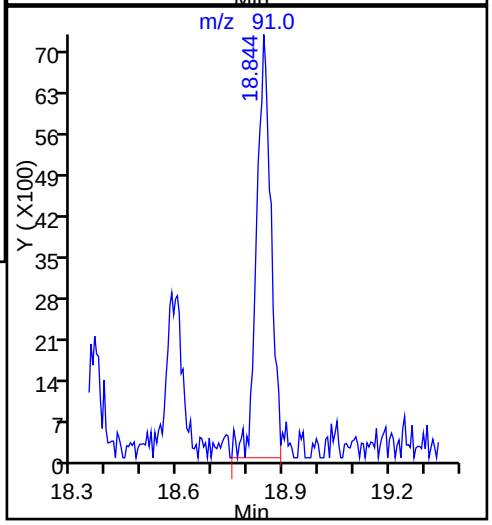
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 m-Xylene & p-Xylene, CAS: 179601-23-1







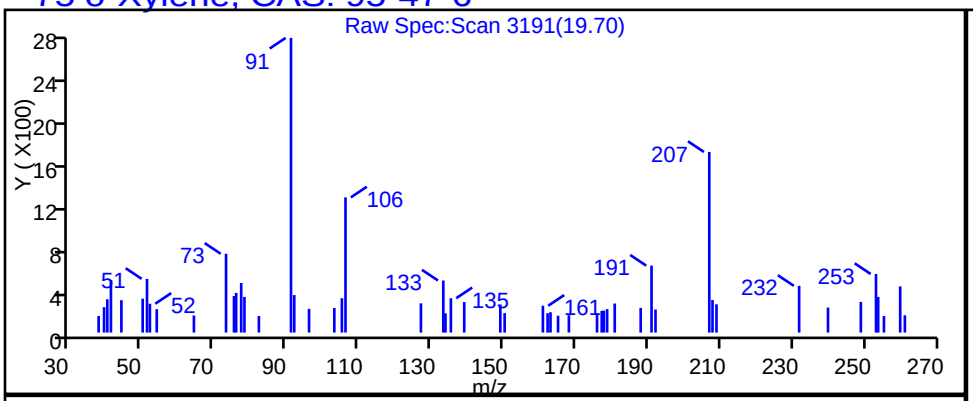


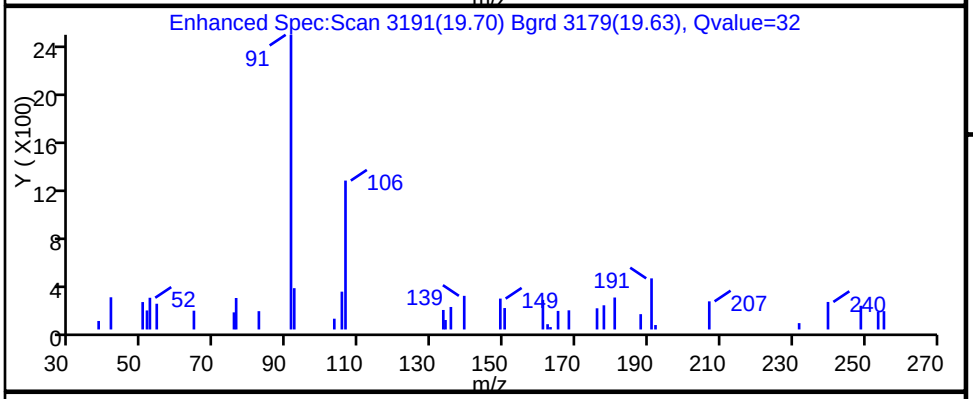
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

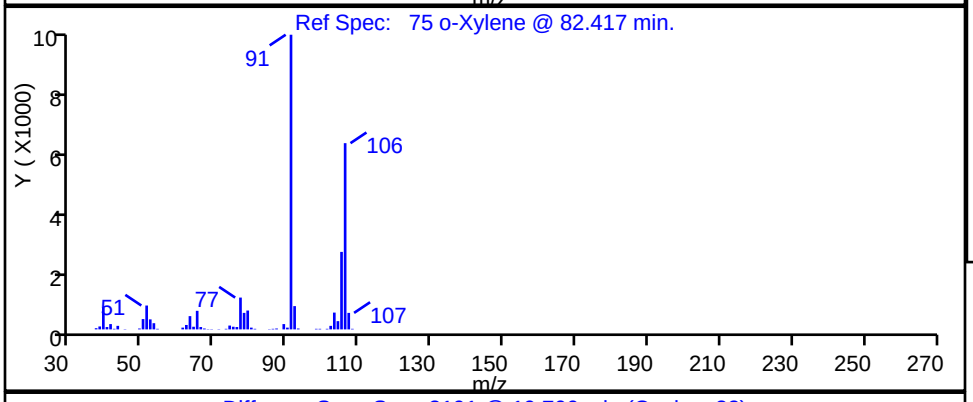
TestAmerica Burlington

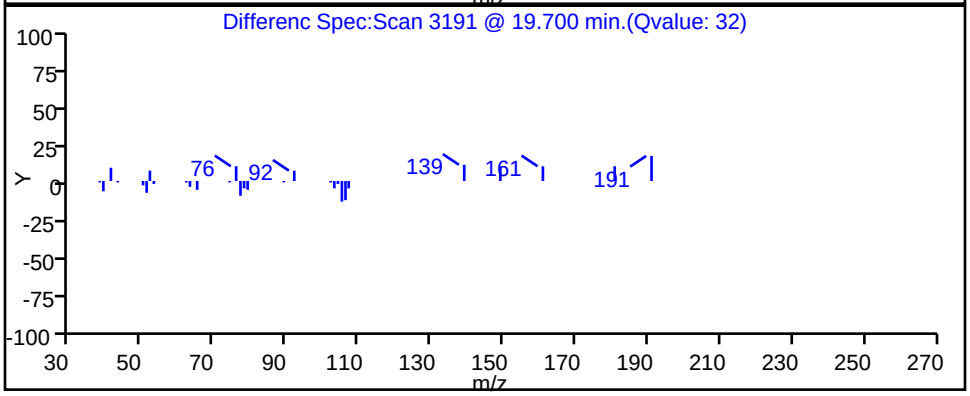
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

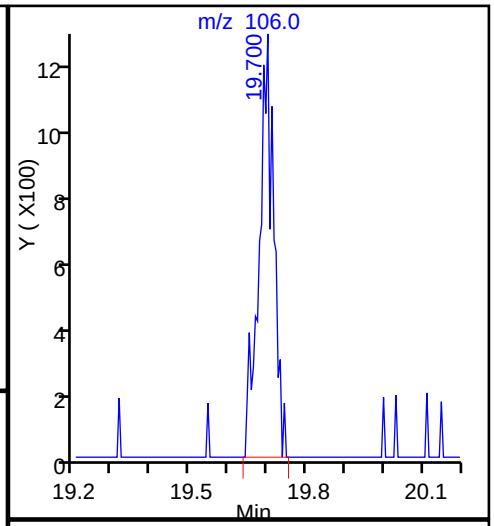
75 o-Xylene, CAS: 95-47-6

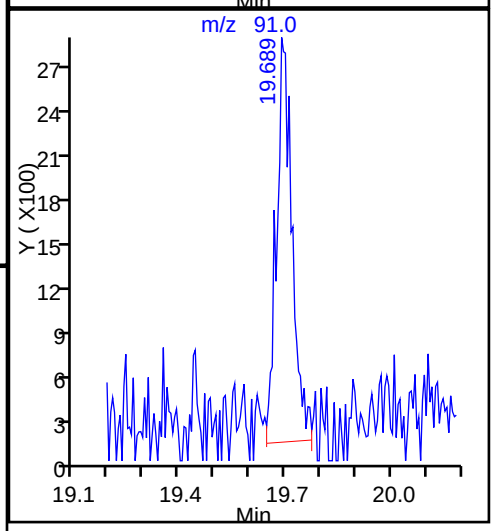










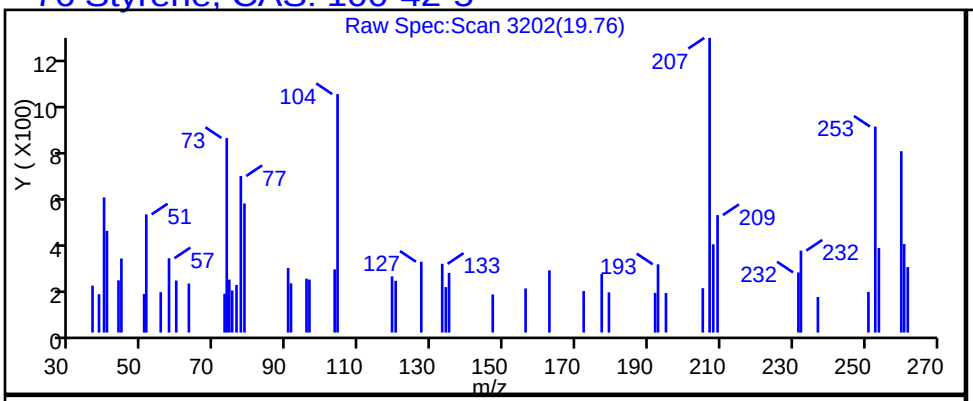


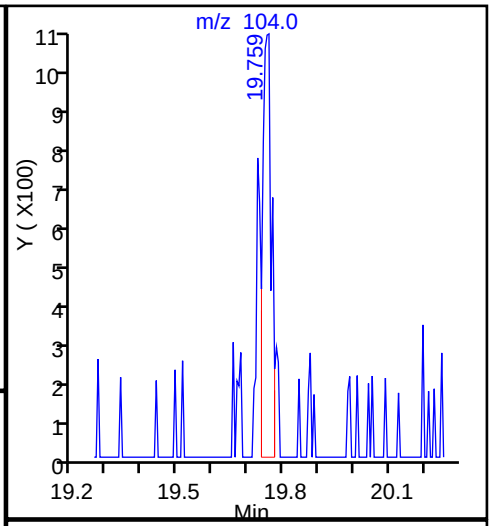
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

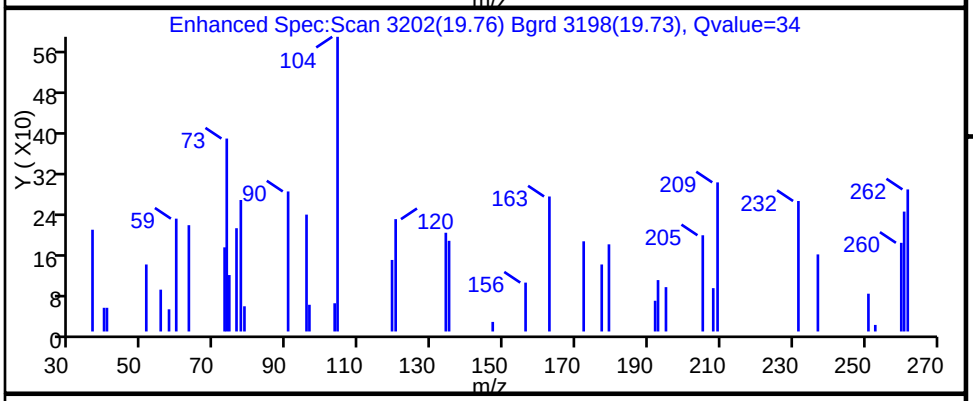
TestAmerica Burlington

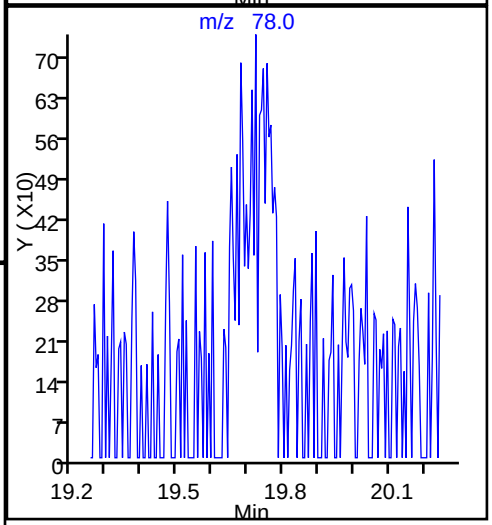
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

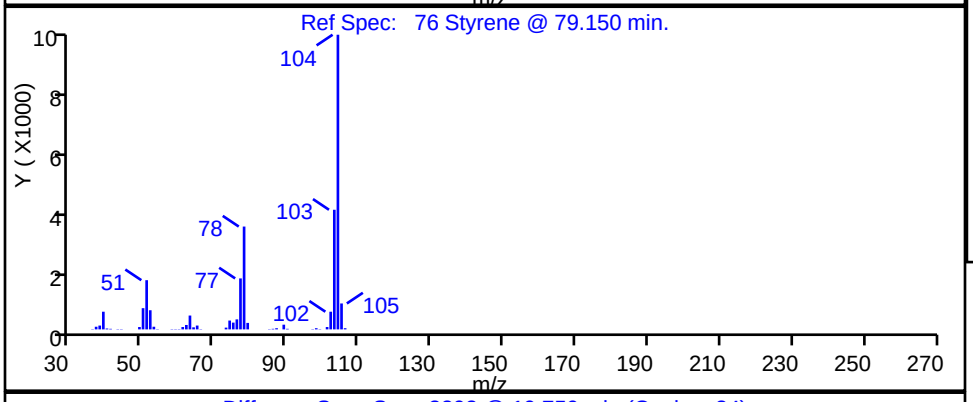
76 Styrene, CAS: 100-42-5

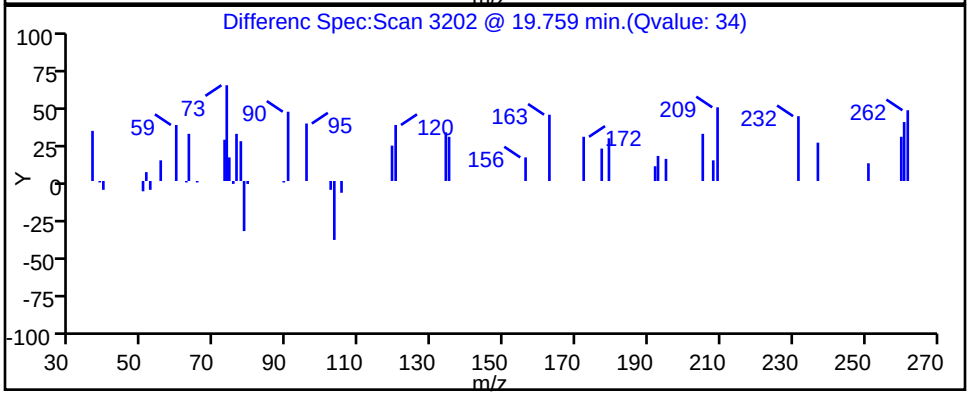










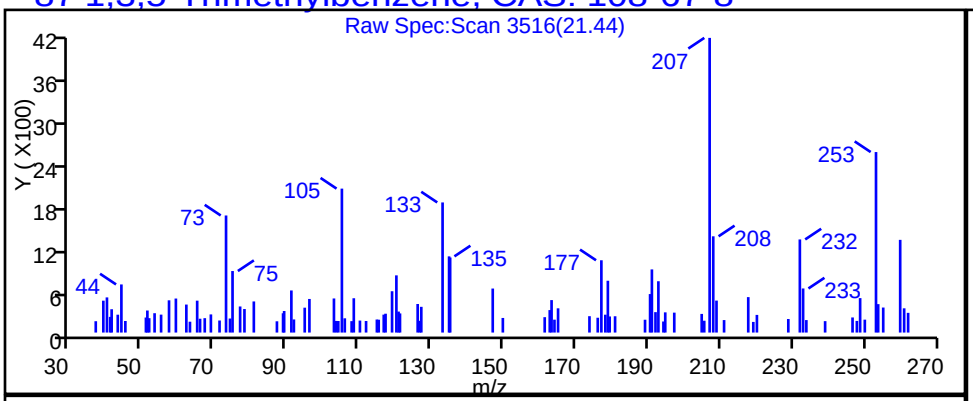


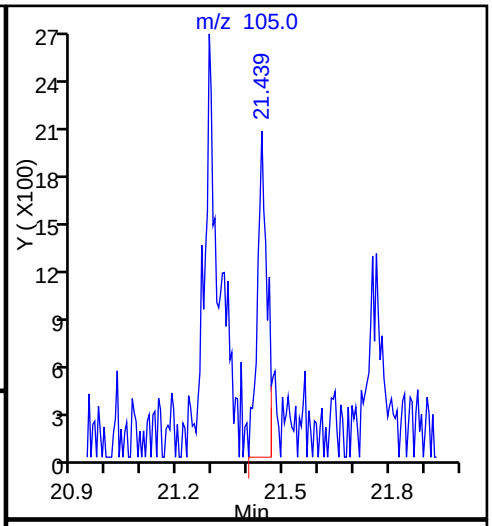
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

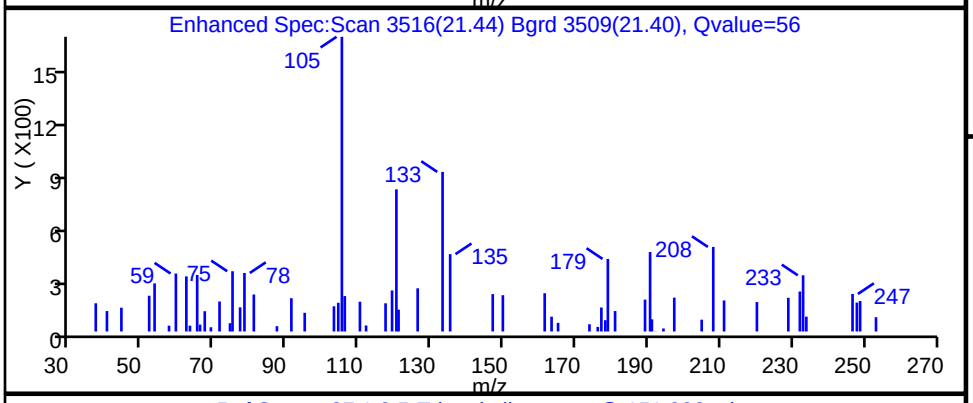
TestAmerica Burlington

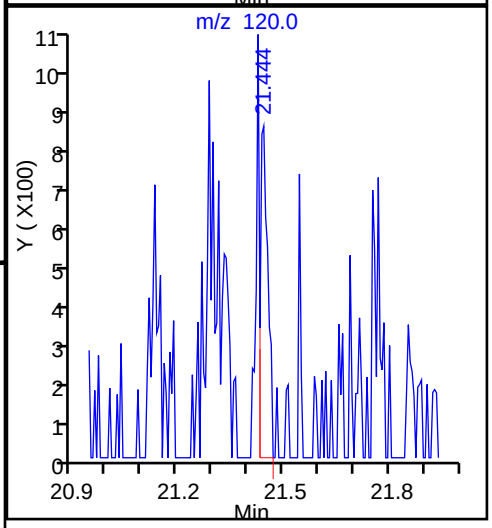
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

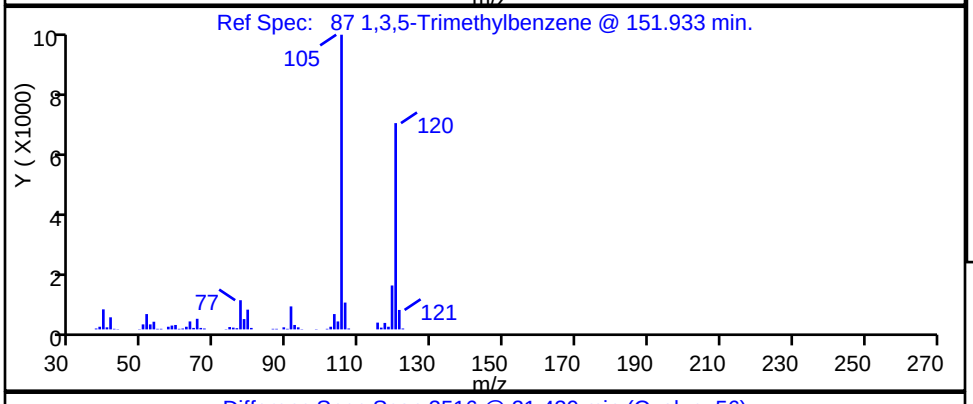
87 1,3,5-Trimethylbenzene, CAS: 108-67-8

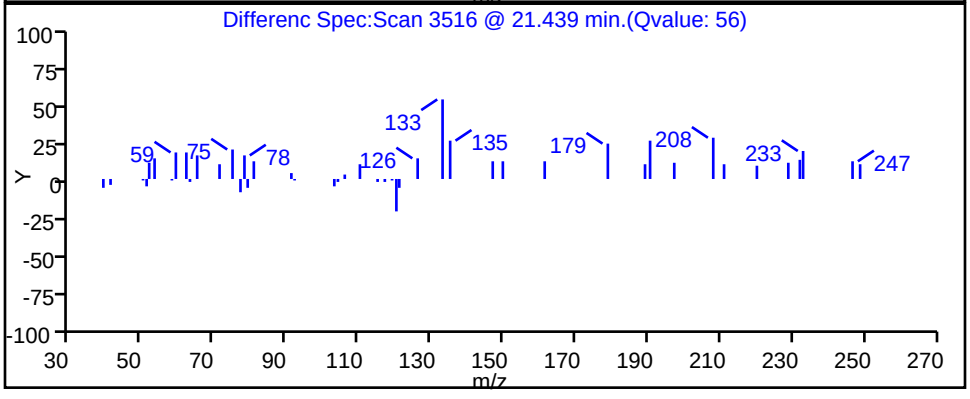










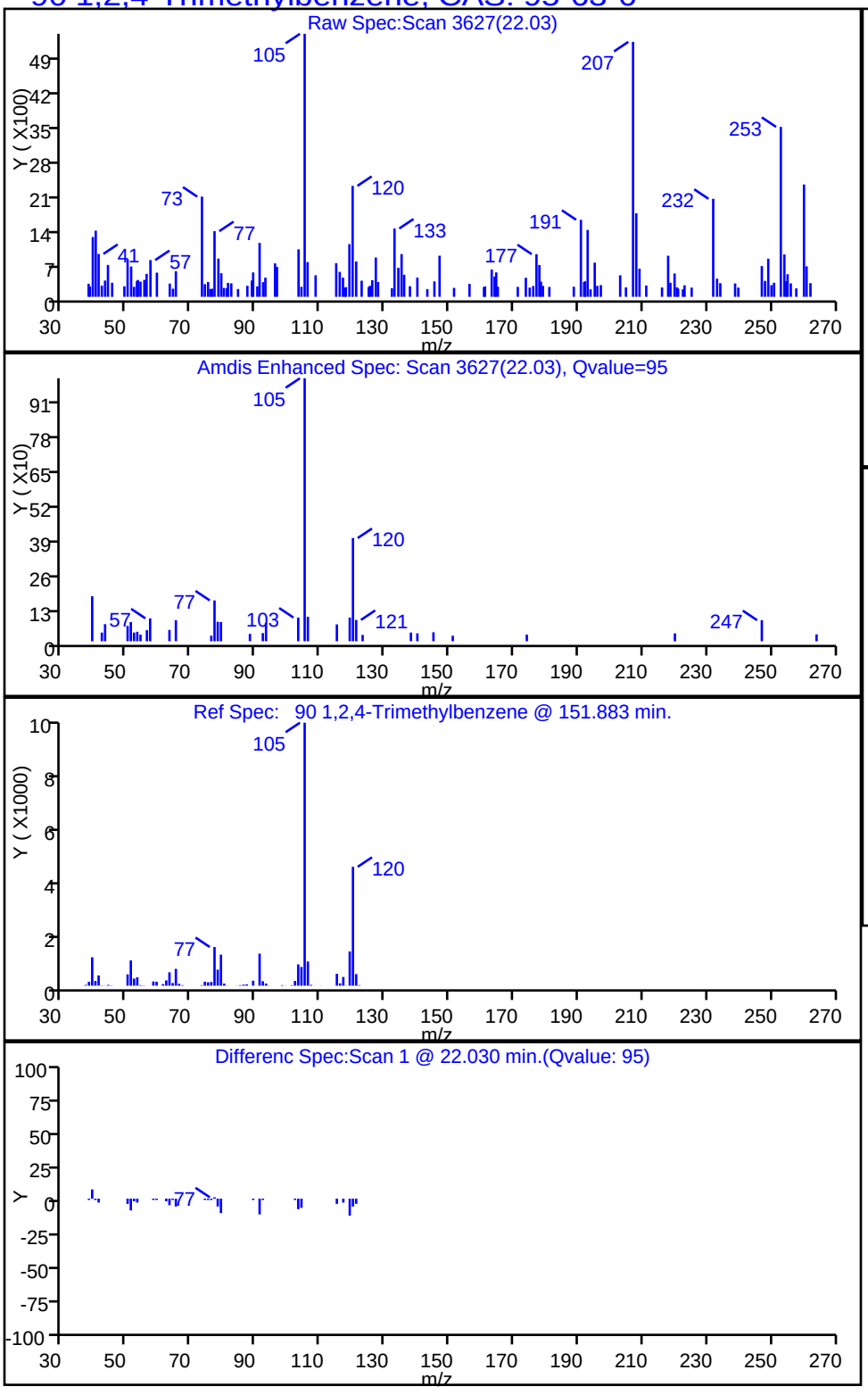


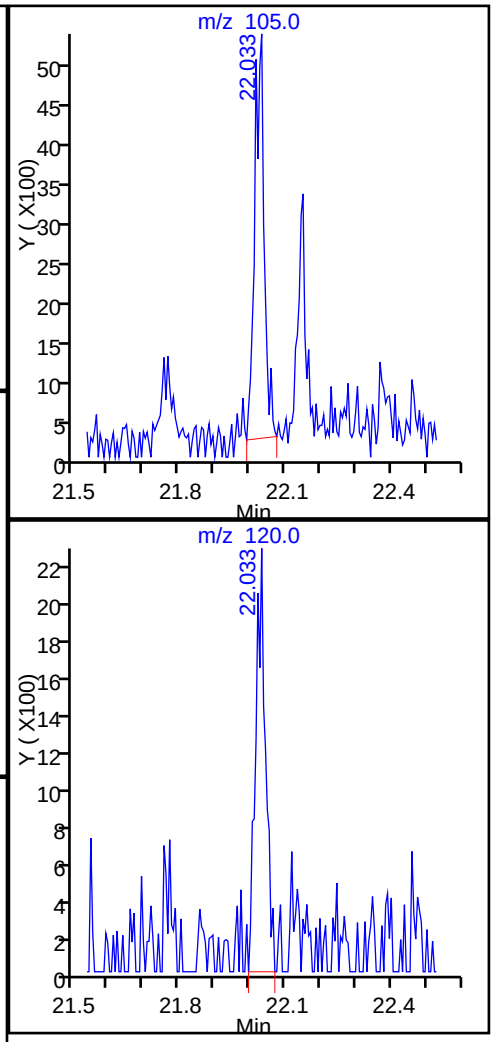
Report Date: 02-Feb-2015 09:23:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,2,4-Trimethylbenzene, CAS: 95-63-6





Manual Integration/User Assign Peak Report

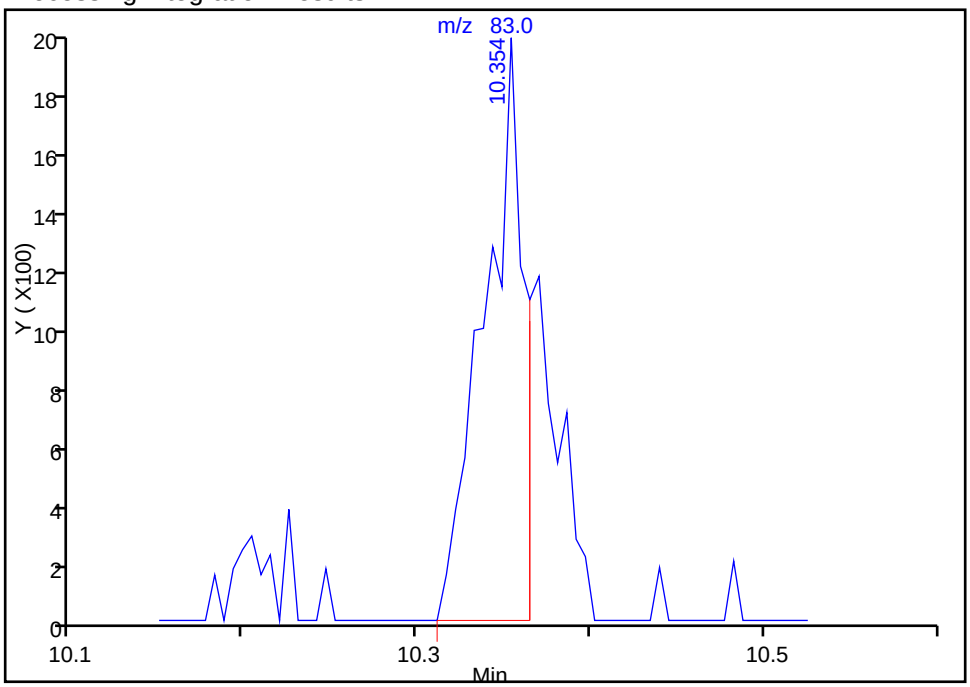
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

40 Chloroform, CAS: 67-66-3

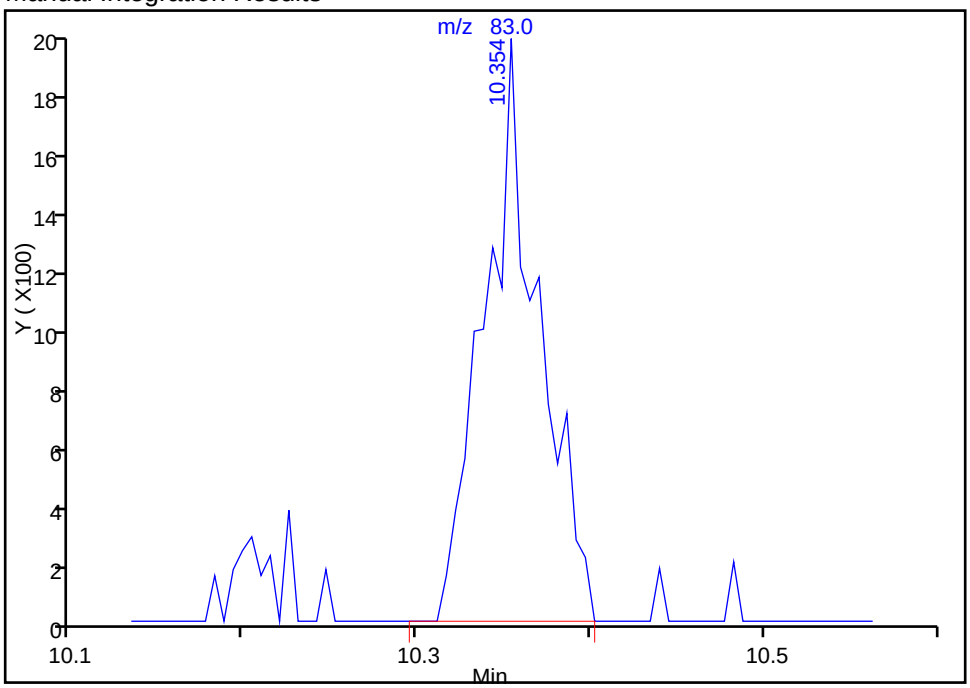
Processing Integration Results

RT: 10.35
Area: 3115
Amount: 0.034130
Amount Units: ppb v/v



Manual Integration Results

RT: 10.35
Area: 4280
Amount: 0.046894
Amount Units: ppb v/v



Reviewer: lyonsb, 02-Feb-2015 08:46:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

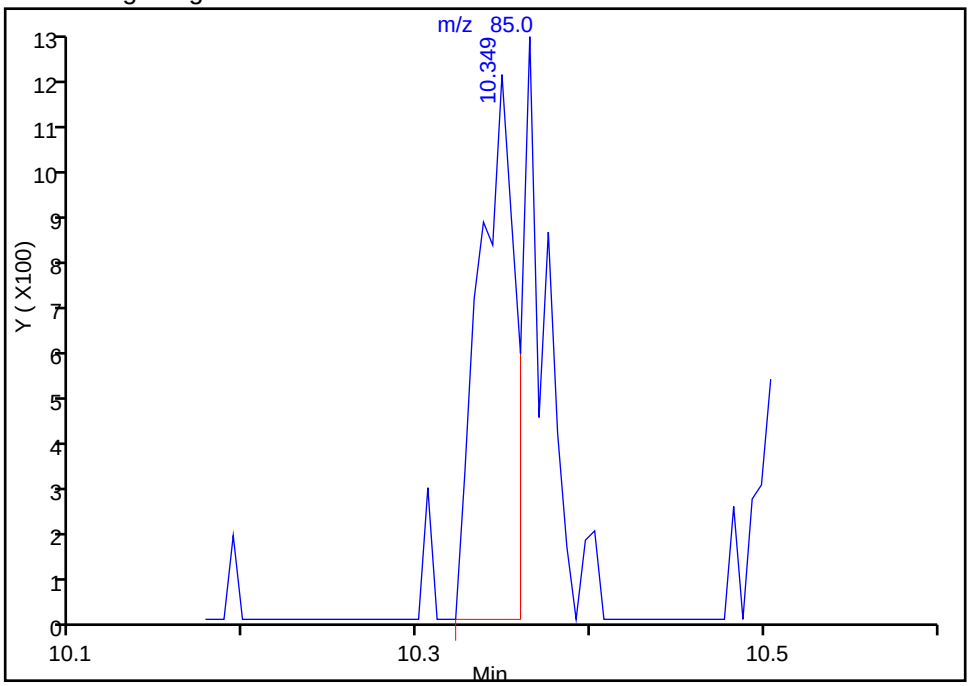
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

40 Chloroform, CAS: 67-66-3

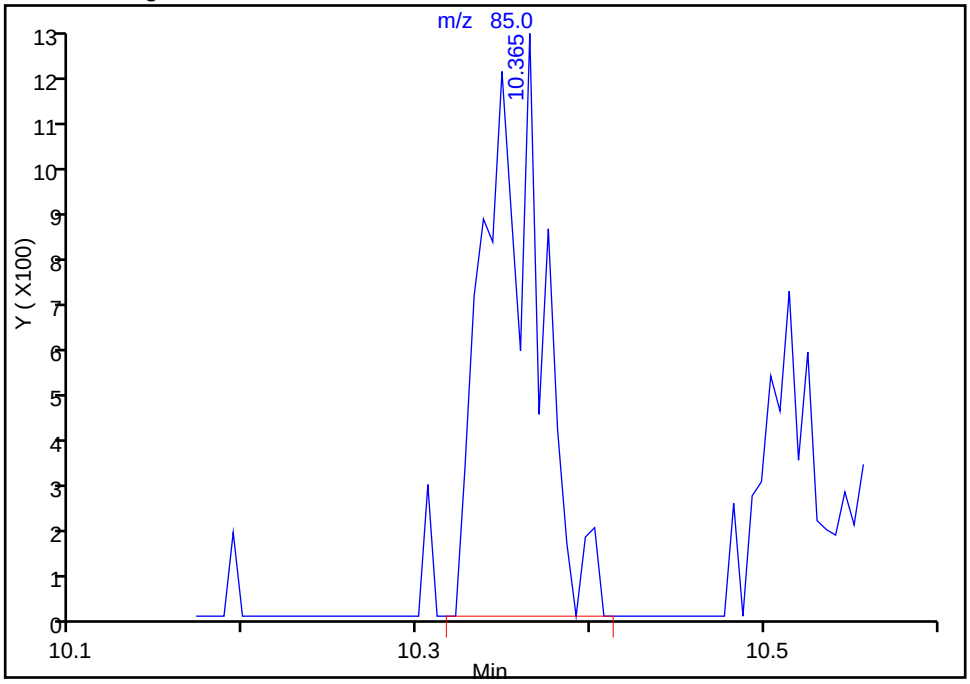
Processing Integration Results

RT: 10.35
Area: 1681
Amount: 0.034130
Amount Units: ppb v/v



Manual Integration Results

RT: 10.36
Area: 2777
Amount: 0.046894
Amount Units: ppb v/v



Reviewer: lyonsb, 02-Feb-2015 08:46:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

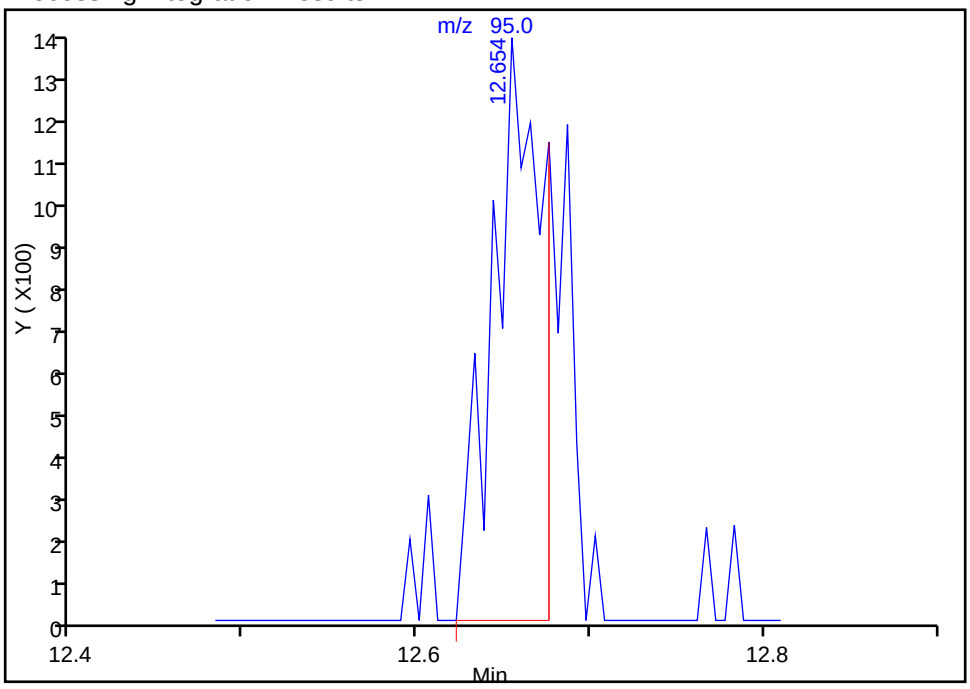
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Trichloroethene, CAS: 79-01-6

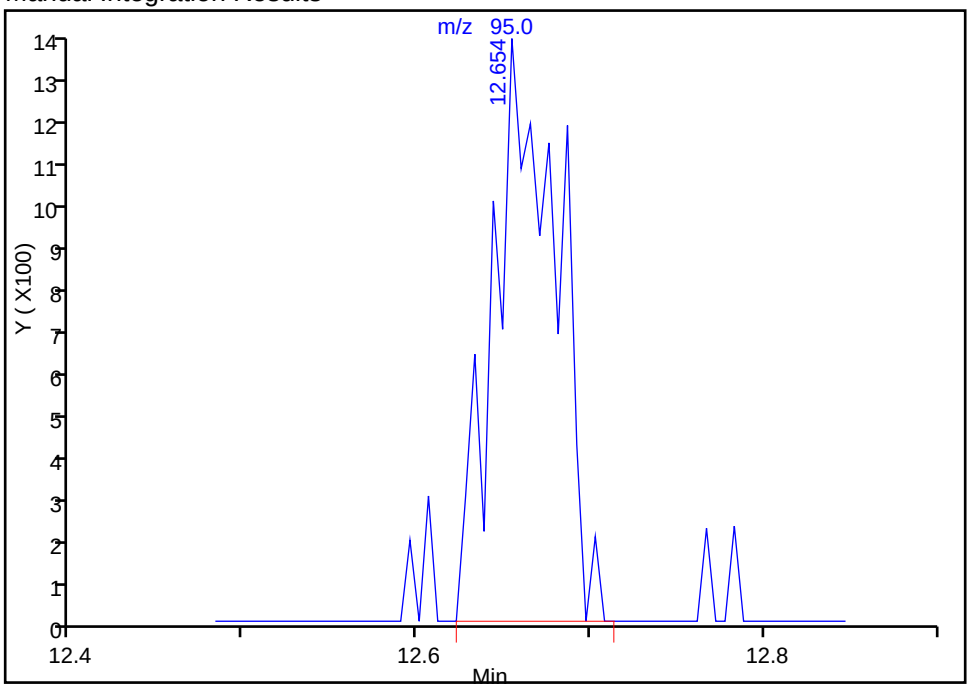
Processing Integration Results

RT: 12.65
Area: 2641
Amount: 0.042495
Amount Units: ppb v/v



Manual Integration Results

RT: 12.65
Area: 3409
Amount: 0.054853
Amount Units: ppb v/v



Reviewer: lyonsb, 02-Feb-2015 08:46:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

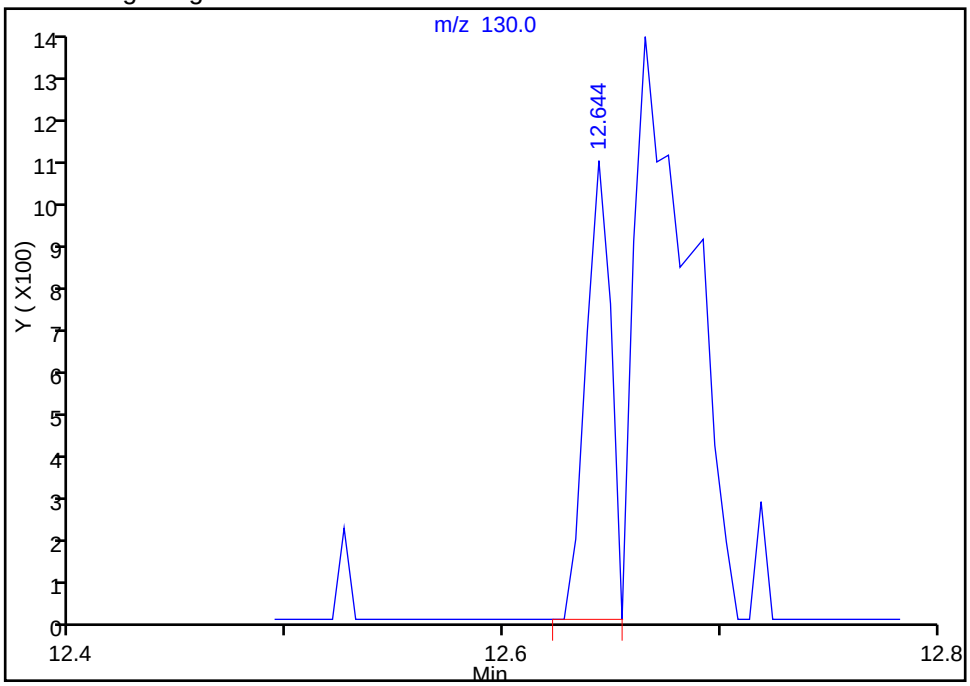
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Trichloroethene, CAS: 79-01-6

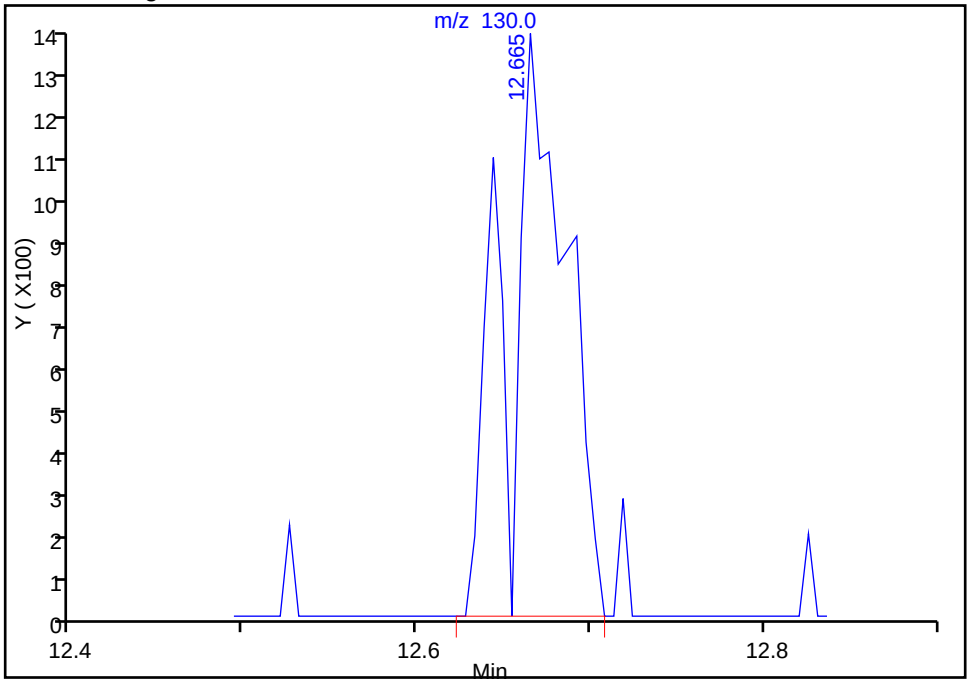
Processing Integration Results

RT: 12.64
Area: 864
Amount: 0.042495
Amount Units: ppb v/v



Manual Integration Results

RT: 12.67
Area: 3307
Amount: 0.054853
Amount Units: ppb v/v



Reviewer: lyonsb, 02-Feb-2015 08:46:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

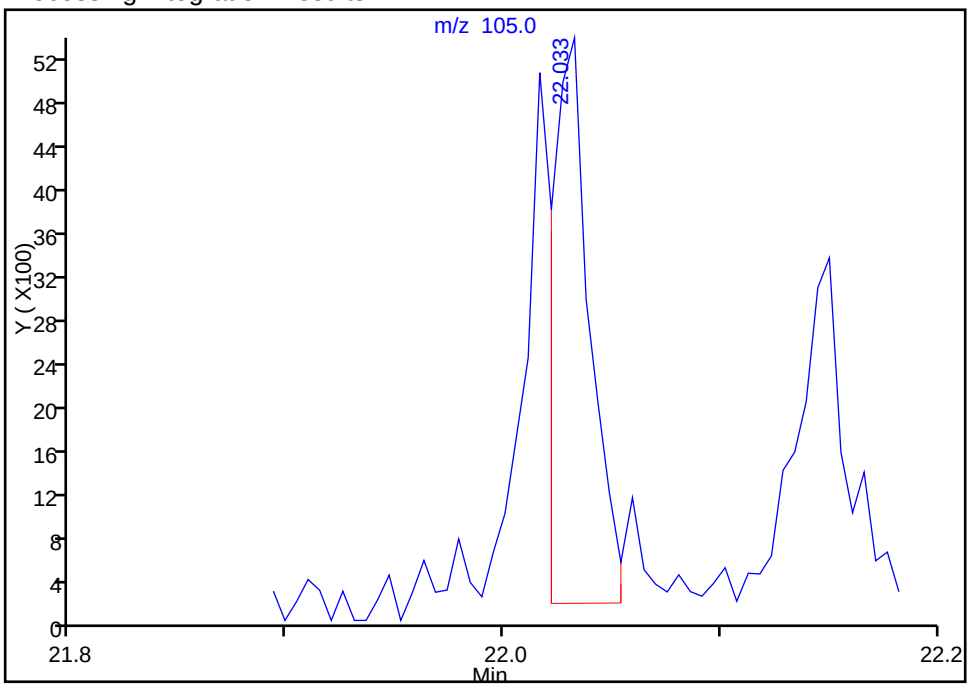
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_08.D				
Injection Date:	30-Jan-2015 14:45:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-12	Lab Sample ID:	Client 200-84038/8-A		
Client ID:	774VMP0201MA				
Operator ID:	bpl	ALS Bottle#:	5	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,2,4-Trimethylbenzene, CAS: 95-63-6

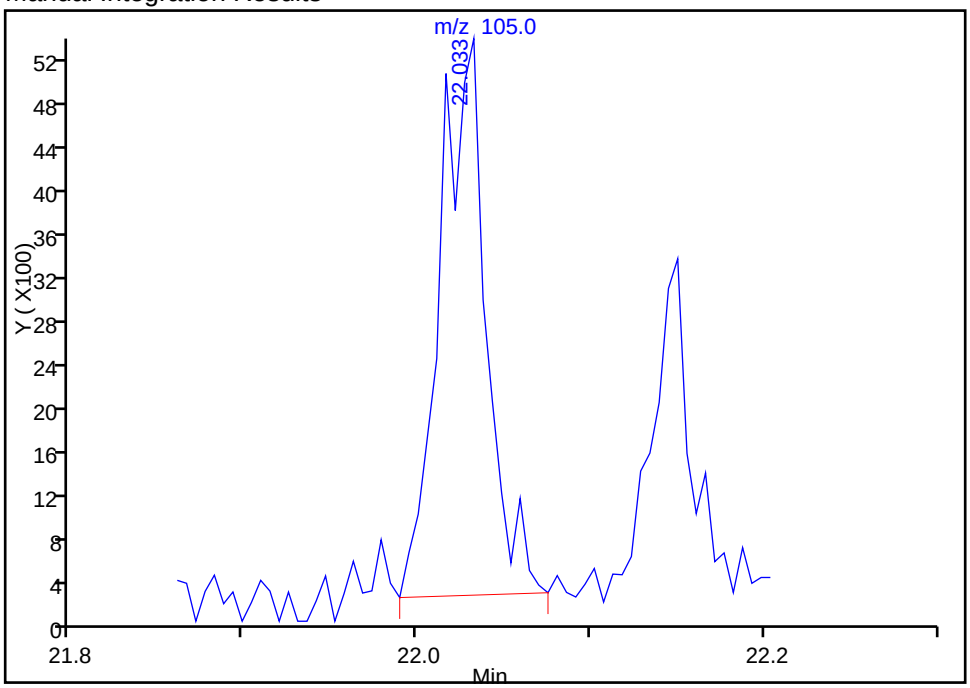
Processing Integration Results

RT: 22.03
Area: 6262
Amount: 0.037760
Amount Units: ppb v/v



Manual Integration Results

RT: 22.03
Area: 9511
Amount: 0.057352
Amount Units: ppb v/v



Reviewer: lyonsb, 02-Feb-2015 08:46:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0301MA Lab Sample ID: 280-64806-13

Matrix: Air Lab File ID: 11892_09.D

Analysis Method: TO-15 Date Collected: 01/22/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 15:36

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.60	J D	2.0	0.22
75-45-6	Freon 22	86.47	0.89	J D	2.0	0.32
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.32	U	0.80	0.21
74-87-3	Chloromethane	50.49	0.61	J D	2.0	0.24
106-97-8	n-Butane	58.12	0.90	J D	2.0	0.72
75-01-4	Vinyl chloride	62.50	0.12	U	0.80	0.10
106-99-0	1,3-Butadiene	54.09	0.32	U	0.80	0.14
74-83-9	Bromomethane	94.94	0.32	U	0.80	0.18
75-00-3	Chloroethane	64.52	0.32	U	2.0	0.24
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.12	U	0.80	0.080
75-69-4	Trichlorofluoromethane	137.37	1.5	D	0.80	0.18
76-13-1	Freon TF	187.38	0.32	U	0.80	0.16
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.80	0.040
67-64-1	Acetone	58.08	3.4	J D	20	2.8
67-63-0	Isopropyl alcohol	60.10	1.2	J D	20	0.60
75-15-0	Carbon disulfide	76.14	0.32	U	2.0	0.12
107-05-1	3-Chloropropene	76.53	0.80	U	2.0	0.64
75-09-2	Methylene Chloride	84.93	0.49	J D	2.0	0.48
75-65-0	tert-Butyl alcohol	74.12	0.80	U	20	0.48
1634-04-4	Methyl tert-butyl ether	88.15	0.12	U	0.80	0.088
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.80	0.11
110-54-3	n-Hexane	86.17	0.12	U	0.80	0.11
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.80	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.80	U	2.0	0.37
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.80	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.80	0.21
67-66-3	Chloroform	119.38	0.32	U	0.80	0.15
109-99-9	Tetrahydrofuran	72.11	0.80	U	20	0.72
71-55-6	1,1,1-Trichloroethane	133.41	0.32	U	0.80	0.12
110-82-7	Cyclohexane	84.16	0.13	J D	0.80	0.040
56-23-5	Carbon tetrachloride	153.81	0.12	U	0.80	0.044
540-84-1	2,2,4-Trimethylpentane	114.23	0.12	U	0.80	0.092
71-43-2	Benzene	78.11	0.44	J D	0.80	0.12
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.80	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0301MA Lab Sample ID: 280-64806-13

Matrix: Air Lab File ID: 11892_09.D

Analysis Method: TO-15 Date Collected: 01/22/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 15:36

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.32	U	0.80	0.15
79-01-6	Trichloroethene	131.39	0.12	U	0.80	0.12
80-62-6	Methyl methacrylate	100.12	0.80	U	2.0	0.38
78-87-5	1,2-Dichloropropane	112.99	0.32	U	0.80	0.14
123-91-1	1,4-Dioxane	88.11	0.80	U	20	0.64
75-27-4	Bromodichloromethane	163.83	0.12	U	0.80	0.12
10061-01-5	cis-1,3-Dichloropropene	110.97	0.12	U	0.80	0.12
108-10-1	methyl isobutyl ketone	100.16	0.80	U	2.0	0.72
108-88-3	Toluene	92.14	0.18	J D	0.80	0.10
10061-02-6	trans-1,3-Dichloropropene	110.97	0.12	U	0.80	0.10
79-00-5	1,1,2-Trichloroethane	133.41	0.32	U	0.80	0.15
127-18-4	Tetrachloroethene	165.83	0.12	U	0.80	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.80	U	2.0	0.68
124-48-1	Dibromochloromethane	208.29	0.12	U	0.80	0.080
106-93-4	1,2-Dibromoethane	187.87	0.12	U	0.80	0.072
108-90-7	Chlorobenzene	112.56	0.12	U	0.80	0.072
100-41-4	Ethylbenzene	106.17	0.12	U	0.80	0.080
179601-23-1	m,p-Xylene	106.17	0.24	U	2.0	0.10
95-47-6	Xylene, o-	106.17	0.12	U	0.80	0.072
1330-20-7	Xylene (total)	106.17	0.36	U	0.80	0.16
100-42-5	Styrene	104.15	0.12	U	0.80	0.064
75-25-2	Bromoform	252.75	0.12	U	0.80	0.10
98-82-8	Cumene	120.19	0.12	U	0.80	0.076
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.32	U	0.80	0.14
103-65-1	n-Propylbenzene	120.19	0.12	U	0.80	0.11
622-96-8	4-Ethyltoluene	120.20	0.12	U	0.80	0.080
108-67-8	1,3,5-Trimethylbenzene	120.20	0.12	U	0.80	0.076
95-49-8	2-Chlorotoluene	126.59	0.32	U	0.80	0.12
98-06-6	tert-Butylbenzene	134.22	0.12	U	0.80	0.080
95-63-6	1,2,4-Trimethylbenzene	120.20	0.12	U	0.80	0.064
135-98-8	sec-Butylbenzene	134.22	0.12	U	0.80	0.084
99-87-6	4-Isopropyltoluene	134.22	0.12	U	0.80	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.12	U	0.80	0.080
106-46-7	1,4-Dichlorobenzene	147.00	0.12	U	0.80	0.076

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0301MA Lab Sample ID: 280-64806-13

Matrix: Air Lab File ID: 11892_09.D

Analysis Method: TO-15 Date Collected: 01/22/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 15:36

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.12	U	0.80	0.072
104-51-8	n-Butylbenzene	134.22	0.12	U	0.80	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.12	U	0.80	0.072
120-82-1	1,2,4-Trichlorobenzene	181.45	0.32	U	2.0	0.14
87-68-3	Hexachlorobutadiene	260.76	0.32	U	0.80	0.14
91-20-3	Naphthalene	128.17	0.32	U	2.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0301MA Lab Sample ID: 280-64806-13

Matrix: Air Lab File ID: 11892_09.D

Analysis Method: TO-15 Date Collected: 01/22/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 15:36

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.0	J D	9.9	1.1
75-45-6	Freon 22	86.47	3.1	J D	7.1	1.1
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.2	U	5.6	1.5
74-87-3	Chloromethane	50.49	1.3	J D	4.1	0.50
106-97-8	n-Butane	58.12	2.1	J D	4.8	1.7
75-01-4	Vinyl chloride	62.50	0.31	U	2.0	0.27
106-99-0	1,3-Butadiene	54.09	0.71	U	1.8	0.32
74-83-9	Bromomethane	94.94	1.2	U	3.1	0.68
75-00-3	Chloroethane	64.52	0.84	U	5.3	0.64
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.52	U	3.5	0.35
75-69-4	Trichlorofluoromethane	137.37	8.5	D	4.5	1.0
76-13-1	Freon TF	187.38	2.5	U	6.1	1.3
75-35-4	1,1-Dichloroethene	96.94	0.48	U	3.2	0.16
67-64-1	Acetone	58.08	8.0	J D	48	6.6
67-63-0	Isopropyl alcohol	60.10	3.0	J D	49	1.5
75-15-0	Carbon disulfide	76.14	1.0	U	6.2	0.37
107-05-1	3-Chloropropene	76.53	2.5	U	6.3	2.0
75-09-2	Methylene Chloride	84.93	1.7	J D	6.9	1.7
75-65-0	tert-Butyl alcohol	74.12	2.4	U	61	1.5
1634-04-4	Methyl tert-butyl ether	88.15	0.43	U	2.9	0.32
156-60-5	trans-1,2-Dichloroethene	96.94	0.48	U	3.2	0.43
110-54-3	n-Hexane	86.17	0.42	U	2.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.49	U	3.2	0.45
78-93-3	Methyl Ethyl Ketone	72.11	2.4	U	5.9	1.1
156-59-2	cis-1,2-Dichloroethene	96.94	1.3	U	3.2	0.48
540-59-0	1,2-Dichloroethene, Total	96.94	1.3	U	3.2	0.84
67-66-3	Chloroform	119.38	1.6	U	3.9	0.74
109-99-9	Tetrahydrofuran	72.11	2.4	U	59	2.1
71-55-6	1,1,1-Trichloroethane	133.41	1.7	U	4.4	0.65
110-82-7	Cyclohexane	84.16	0.44	J D	2.8	0.14
56-23-5	Carbon tetrachloride	153.81	0.75	U	5.0	0.28
540-84-1	2,2,4-Trimethylpentane	114.23	0.56	U	3.7	0.43
71-43-2	Benzene	78.11	1.4	J D	2.6	0.37
107-06-2	1,2-Dichloroethane	98.96	1.3	U	3.2	0.84

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0301MA Lab Sample ID: 280-64806-13

Matrix: Air Lab File ID: 11892_09.D

Analysis Method: TO-15 Date Collected: 01/22/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 15:36

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.3	U	3.3	0.61
79-01-6	Trichloroethene	131.39	0.64	U	4.3	0.64
80-62-6	Methyl methacrylate	100.12	3.3	U	8.2	1.6
78-87-5	1,2-Dichloropropane	112.99	1.5	U	3.7	0.65
123-91-1	1,4-Dioxane	88.11	2.9	U	72	2.3
75-27-4	Bromodichloromethane	163.83	0.80	U	5.4	0.78
10061-01-5	cis-1,3-Dichloropropene	110.97	0.54	U	3.6	0.53
108-10-1	methyl isobutyl ketone	100.16	3.3	U	8.2	2.9
108-88-3	Toluene	92.14	0.68	J D	3.0	0.38
10061-02-6	trans-1,3-Dichloropropene	110.97	0.54	U	3.6	0.47
79-00-5	1,1,2-Trichloroethane	133.41	1.7	U	4.4	0.81
127-18-4	Tetrachloroethene	165.83	0.81	U	5.4	0.81
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	3.3	U	8.2	2.8
124-48-1	Dibromochloromethane	208.29	1.0	U	6.8	0.68
106-93-4	1,2-Dibromoethane	187.87	0.92	U	6.1	0.55
108-90-7	Chlorobenzene	112.56	0.55	U	3.7	0.33
100-41-4	Ethylbenzene	106.17	0.52	U	3.5	0.35
179601-23-1	m,p-Xylene	106.17	1.0	U	8.7	0.43
95-47-6	Xylene, o-	106.17	0.52	U	3.5	0.31
1330-20-7	Xylene (total)	106.17	1.6	U	3.5	0.71
100-42-5	Styrene	104.15	0.51	U	3.4	0.27
75-25-2	Bromoform	252.75	1.2	U	8.3	1.0
98-82-8	Cumene	120.19	0.59	U	3.9	0.37
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.2	U	5.5	0.93
103-65-1	n-Propylbenzene	120.19	0.59	U	3.9	0.53
622-96-8	4-Ethyltoluene	120.20	0.59	U	3.9	0.39
108-67-8	1,3,5-Trimethylbenzene	120.20	0.59	U	3.9	0.37
95-49-8	2-Chlorotoluene	126.59	1.7	U	4.1	0.64
98-06-6	tert-Butylbenzene	134.22	0.66	U	4.4	0.44
95-63-6	1,2,4-Trimethylbenzene	120.20	0.59	U	3.9	0.31
135-98-8	sec-Butylbenzene	134.22	0.66	U	4.4	0.46
99-87-6	4-Isopropyltoluene	134.22	0.66	U	4.4	0.44
541-73-1	1,3-Dichlorobenzene	147.00	0.72	U	4.8	0.48
106-46-7	1,4-Dichlorobenzene	147.00	0.72	U	4.8	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774VMP0301MA Lab Sample ID: 280-64806-13

Matrix: Air Lab File ID: 11892_09.D

Analysis Method: TO-15 Date Collected: 01/22/2015 14:10

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 15:36

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.62	U	4.1	0.37
104-51-8	n-Butylbenzene	134.22	0.66	U	4.4	0.61
95-50-1	1,2-Dichlorobenzene	147.00	0.72	U	4.8	0.43
120-82-1	1,2,4-Trichlorobenzene	181.45	2.4	U	15	1.0
87-68-3	Hexachlorobutadiene	260.76	3.4	U	8.5	1.5
91-20-3	Naphthalene	128.17	1.7	U	10	0.63

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D
Lims ID: 280-64806-A-13 Lab Sample ID: Client 200-84038/9-A
Client ID: 774VMP0301MA
Sample Type: Client
Inject. Date: 30-Jan-2015 15:36:30 ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Sample Info: 200-0011892-009
Misc. Info.: 64806-13
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 02-Feb-2015 09:23:12 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: lyonsb Date: 30-Jan-2015 16:32:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	2.833	2.827	0.006	98	18441	0.1505	
3 Chlorodifluoromethane	51	2.881	2.881	0.000	98	15905	0.2223	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.089				ND	
5 Chloromethane	50	3.234	3.223	0.011	70	5475	0.1535	
6 Butane	43	3.432	3.426	0.006	89	11809	0.2243	7
7 Vinyl chloride	62		3.469				ND	
8 Butadiene	54		3.544				ND	
9 Bromomethane	94		4.229				ND	
10 Chloroethane	64		4.480				ND	
12 Vinyl bromide	106		4.881				ND	
13 Trichlorofluoromethane	101	4.999	4.994	0.005	94	40197	0.3784	
19 1,1,2-Trichloro-1,2,2-trif	101		6.123				ND	
20 1,1-Dichloroethene	96		6.149				ND	
21 Acetone	43	6.422	6.401	0.021	78	48836	0.8468	7
22 Carbon disulfide	76		6.524				ND	
23 Isopropyl alcohol	45	6.765	6.738	0.027	93	12259	0.3046	
24 3-Chloro-1-propene	41		6.962				ND	
26 Methylene Chloride	49	7.262	7.267	-0.005	65	5592	0.1222	7
27 2-Methyl-2-propanol	59		7.546				ND	
28 Methyl tert-butyl ether	73		7.711				ND	
29 trans-1,2-Dichloroethene	61		7.722				ND	
31 Hexane	57		8.145				ND	
32 1,1-Dichloroethane	63		8.615				ND	
34 cis-1,2-Dichloroethene	96		9.744				ND	
35 2-Butanone (MEK)	72		9.814				ND	
S 37 1,2-Dichloroethene, Total	61		10.200				ND	
* 38 Chlorobromomethane	128	10.210	10.210	0.000	95	298847	10.0	
39 Tetrahydrofuran	42		10.231				ND	
40 Chloroform	83		10.354				ND	
41 Cyclohexane	84	10.633	10.600	0.032	1	1349	0.0321	
42 1,1,1-Trichloroethane	97		10.632				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	43 Carbon tetrachloride	117		10.878				ND	
	44 Benzene	78	11.344	11.344	0.000	95	12429	0.1107	
	45 Isooctane	57		11.349				ND	
	46 1,2-Dichloroethane	62		11.526				ND	
	47 n-Heptane	43		11.756				ND	
*	48 1,4-Difluorobenzene	114	12.205	12.205	0.000	96	1775748	10.0	
	50 Trichloroethene	95		12.665				ND	
	52 1,2-Dichloropropane	63		13.211				ND	
	53 Methyl methacrylate	69		13.420				ND	
	54 1,4-Dioxane	88		13.457				ND	
	56 Dichlorobromomethane	83		13.778				ND	
	58 cis-1,3-Dichloropropene	75		14.757				ND	
	59 4-Methyl-2-pentanone (MIBK	43		15.083				ND	
	61 Toluene	92	15.388	15.383	0.005	68	3743	0.0452	
	64 trans-1,3-Dichloropropene	75		16.003				ND	
	65 1,1,2-Trichloroethane	83		16.383				ND	
	66 Tetrachloroethene	166		16.506				ND	
	67 2-Hexanone	43		16.875				ND	
	68 Chlorodibromomethane	129		17.159				ND	
	69 Ethylene Dibromide	107		17.432				ND	
*	70 Chlorobenzene-d5	117	18.363	18.363	0.000	93	1800309	10.0	
	71 Chlorobenzene	112		18.421				ND	
	72 Ethylbenzene	91	18.598	18.593	0.005	6	2821	0.0152	
	74 m-Xylene & p-Xylene	106		18.849				ND	
	75 o-Xylene	106		19.689				ND	
	76 Styrene	104		19.748				ND	
S	77 Xylenes, Total	106		20.100				ND	
	78 Bromoform	173		20.165				ND	
	79 Isopropylbenzene	105		20.406				ND	
*	80 4-Bromofluorobenzene	95	20.770	20.770	0.000	87	1464272	10.0	
	81 1,1,2,2-Tetrachloroethane	83		21.054				ND	
	82 N-Propylbenzene	91		21.139				ND	
	85 4-Ethyltoluene	105		21.332				ND	
	84 2-Chlorotoluene	91		21.332				ND	
	87 1,3,5-Trimethylbenzene	105		21.439				ND	
	89 tert-Butylbenzene	119		21.931				ND	
	90 1,2,4-Trimethylbenzene	105		22.027				ND	
	91 sec-Butylbenzene	105		22.257				ND	
	92 4-Isopropyltoluene	119		22.466				ND	
	93 1,3-Dichlorobenzene	146		22.482				ND	
	94 1,4-Dichlorobenzene	146		22.616				ND	
	95 Benzyl chloride	91		22.808				ND	
	96 n-Butylbenzene	91		23.028				ND	
	98 1,2-Dichlorobenzene	146		23.140				ND	
	100 1,2,4-Trichlorobenzene	180		25.595				ND	
	101 Hexachlorobutadiene	225		25.788				ND	
	102 Naphthalene	128		26.061				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

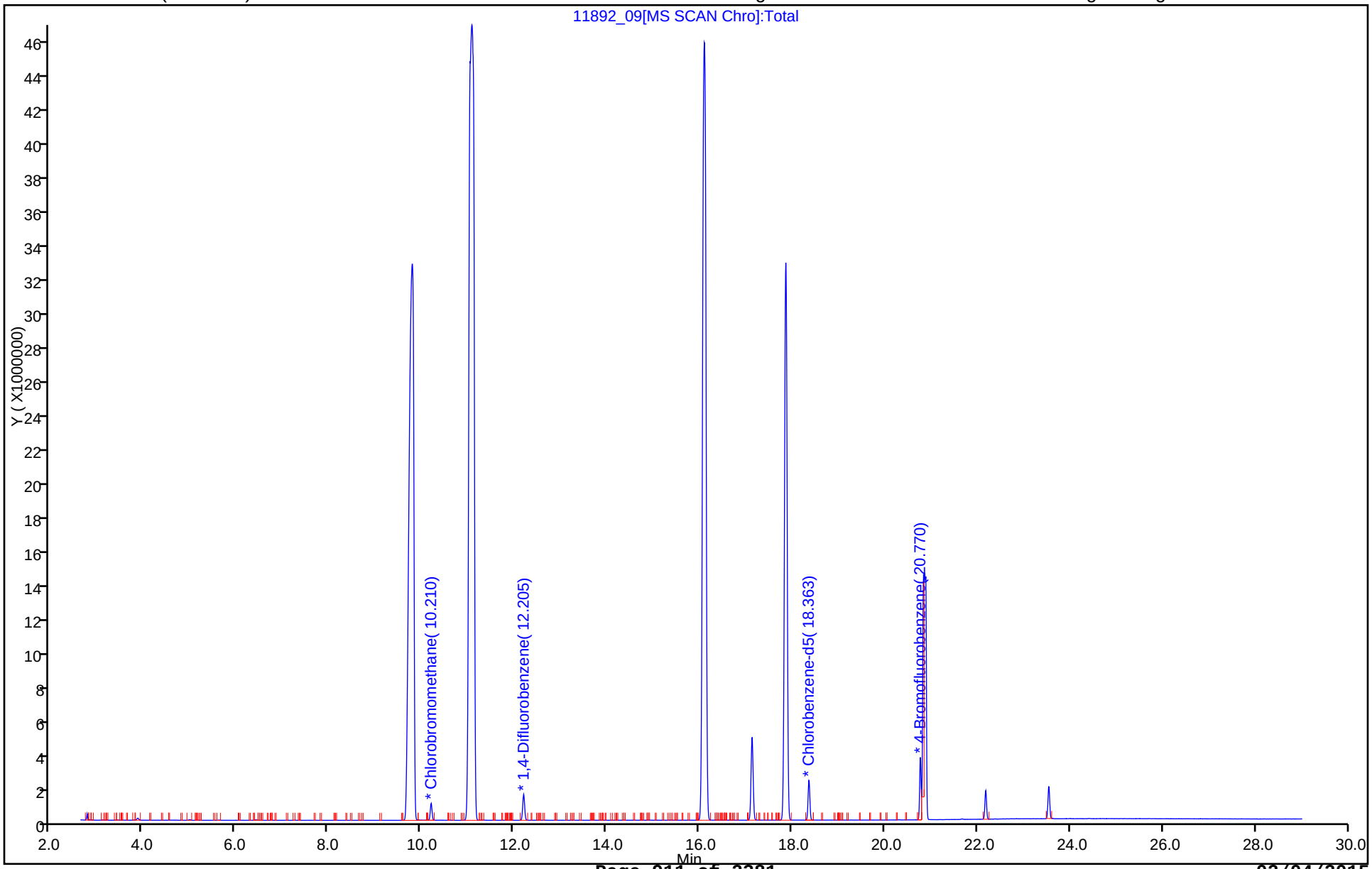
ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D				
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A	Worklist Smp#:	9
Client ID:	774VMP0301MA				
Purge Vol:	200.000 mL	Dil. Factor:	4.0000	ALS Bottle#:	6
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



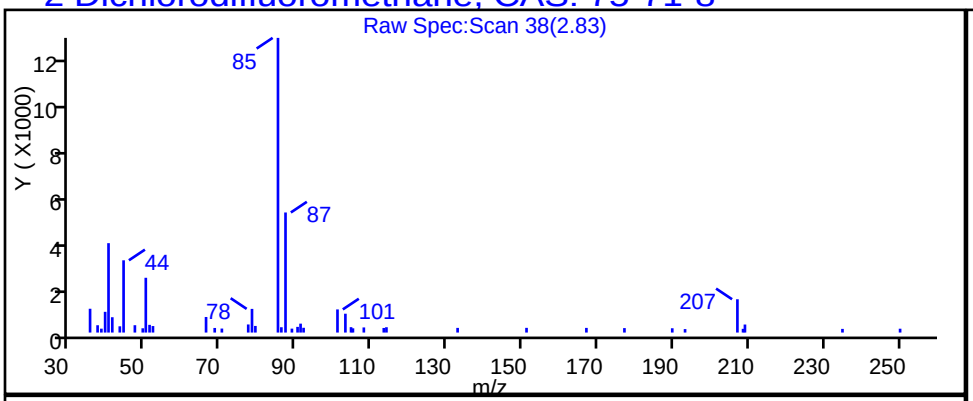
Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

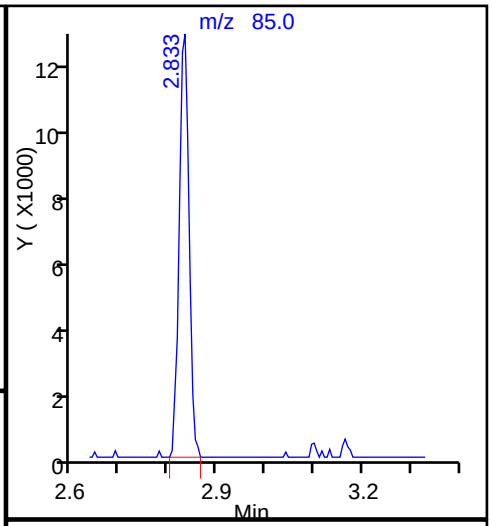
TestAmerica Burlington

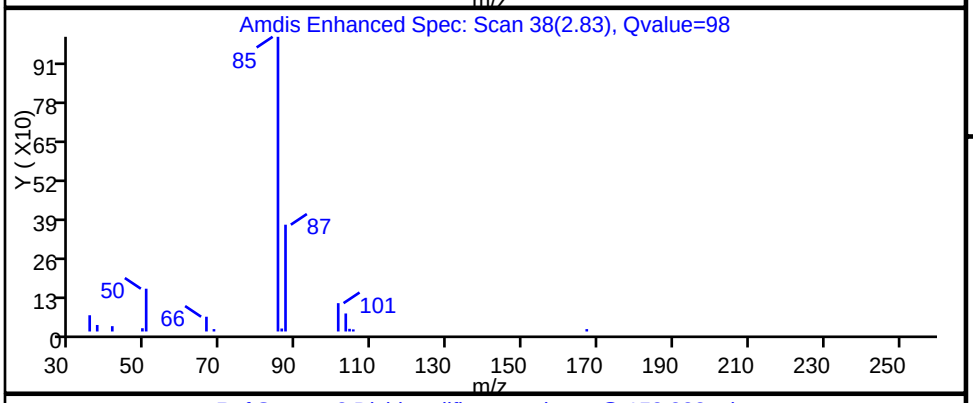
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D

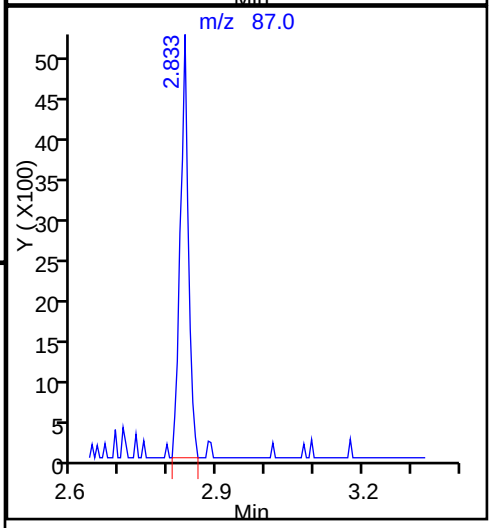
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A		
Client ID:	774VMP0301MA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

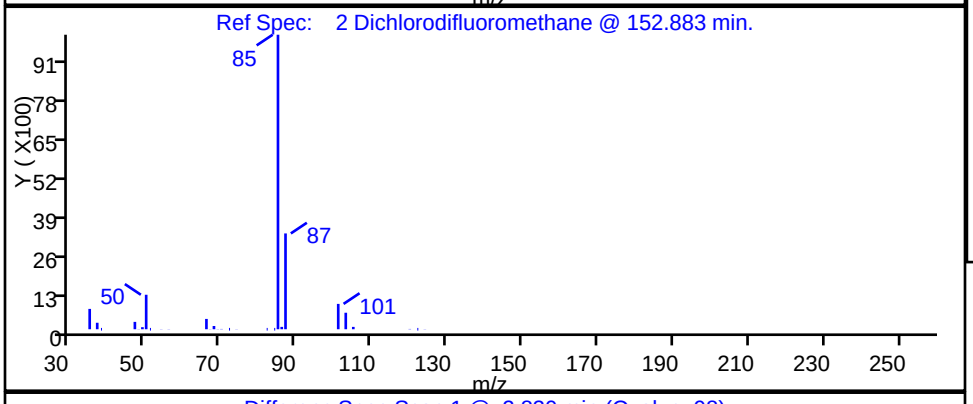
2 Dichlorodifluoromethane, CAS: 75-71-8

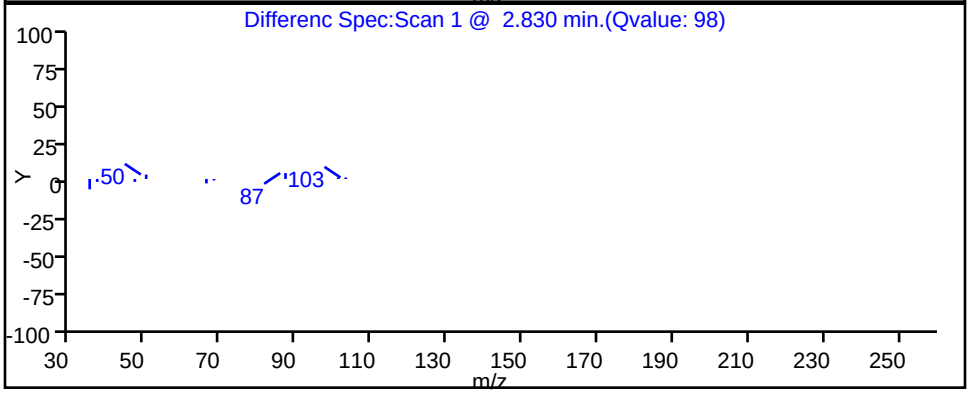












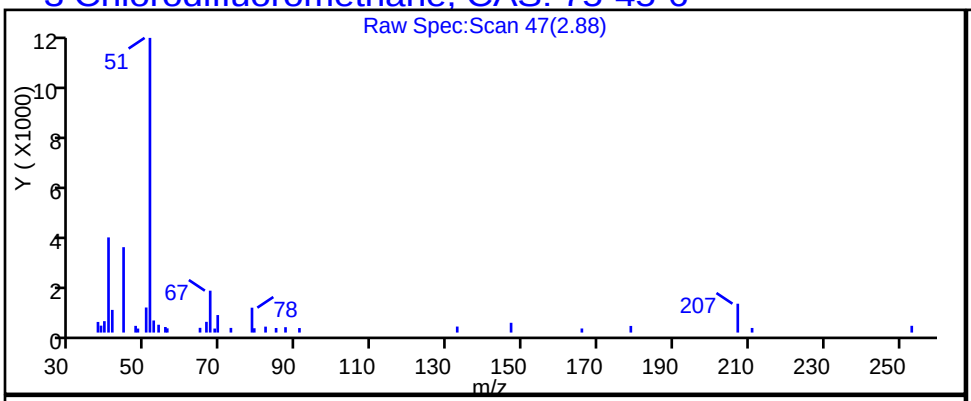
Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

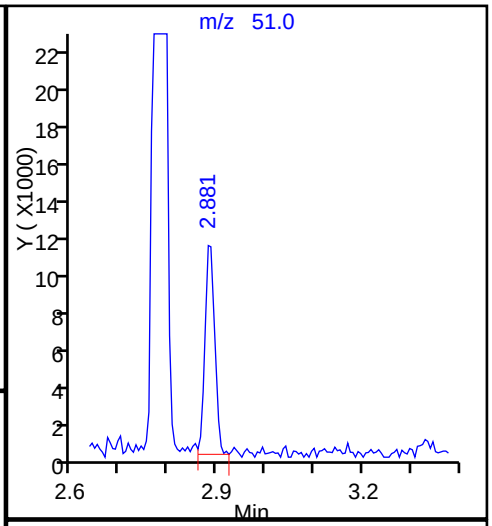
TestAmerica Burlington

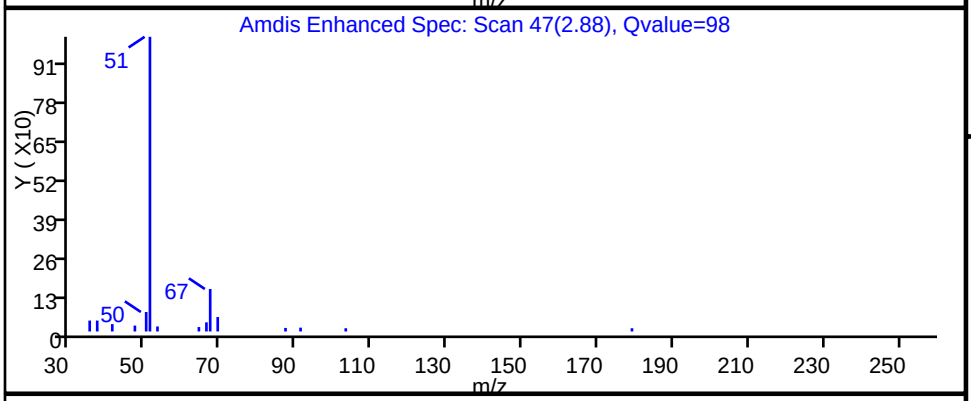
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D

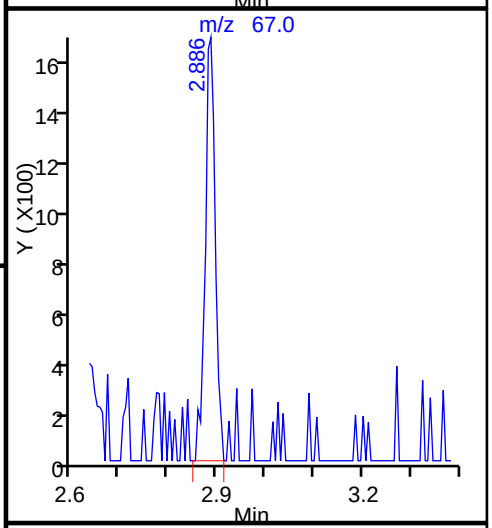
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A		
Client ID:	774VMP0301MA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

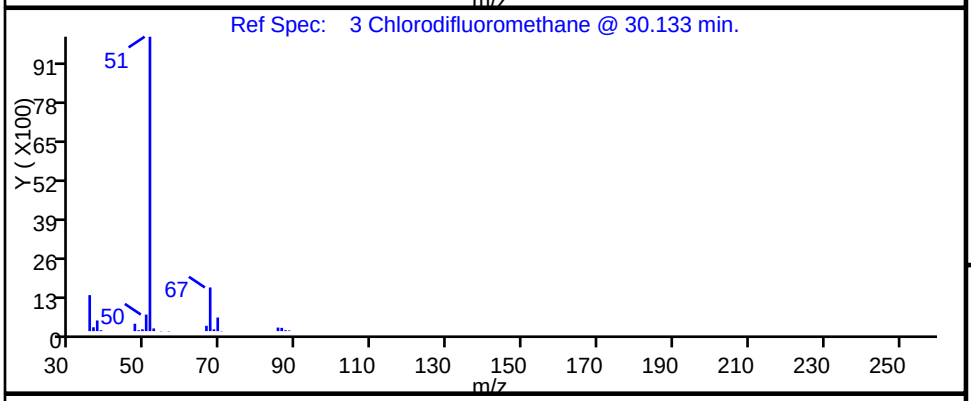
3 Chlorodifluoromethane, CAS: 75-45-6

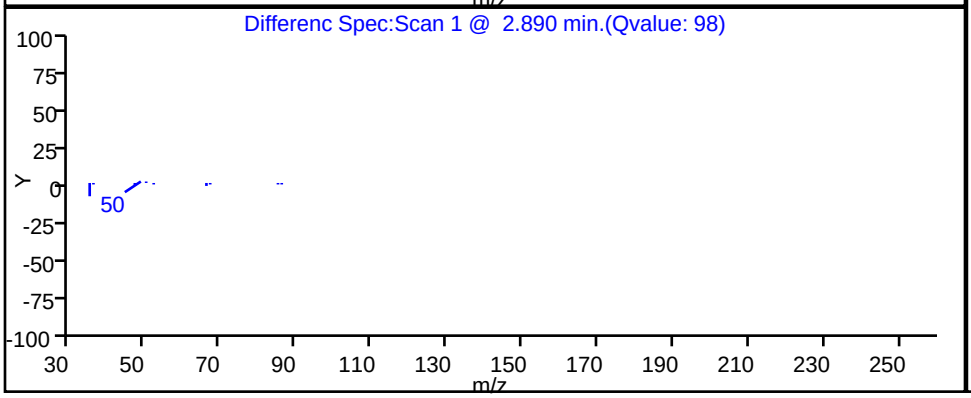


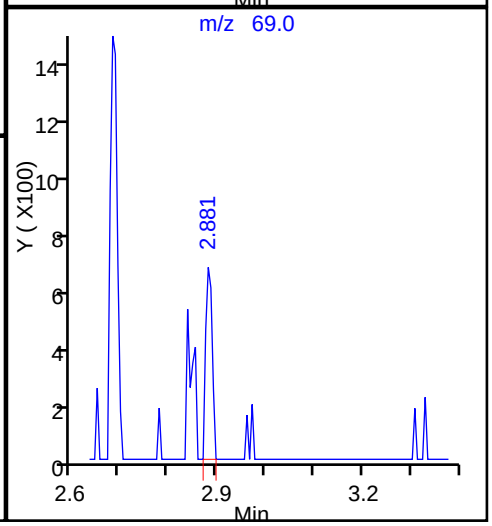












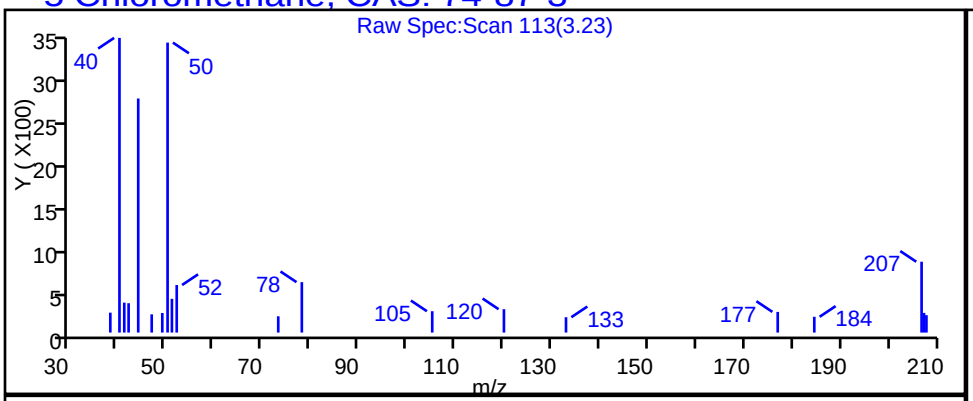
Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

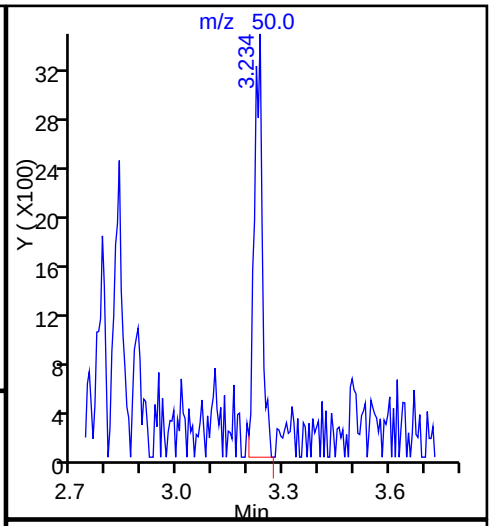
TestAmerica Burlington

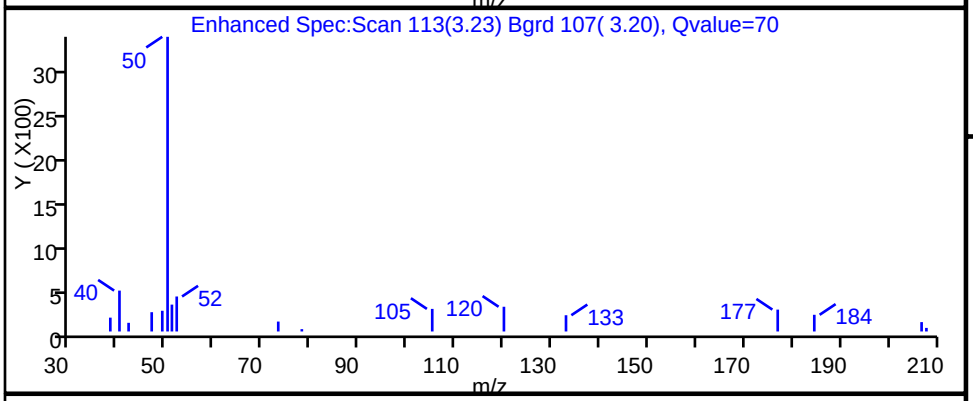
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D

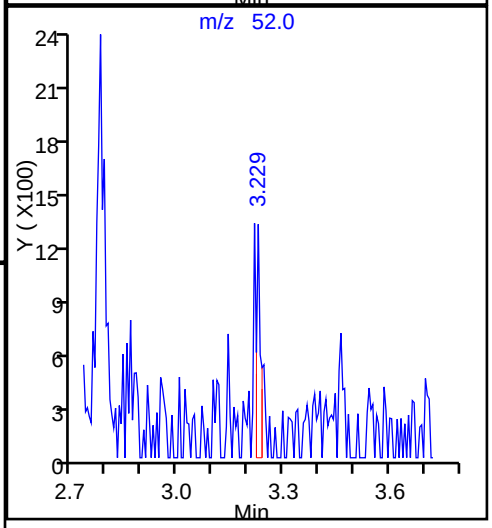
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A		
Client ID:	774VMP0301MA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

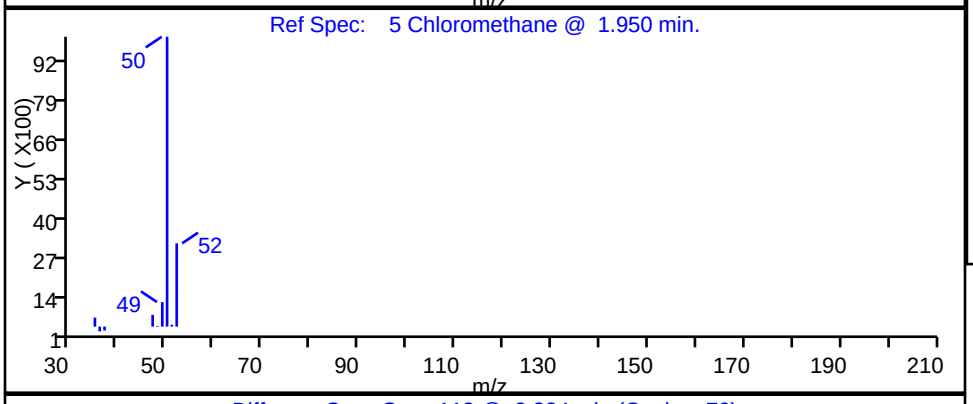
5 Chloromethane, CAS: 74-87-3

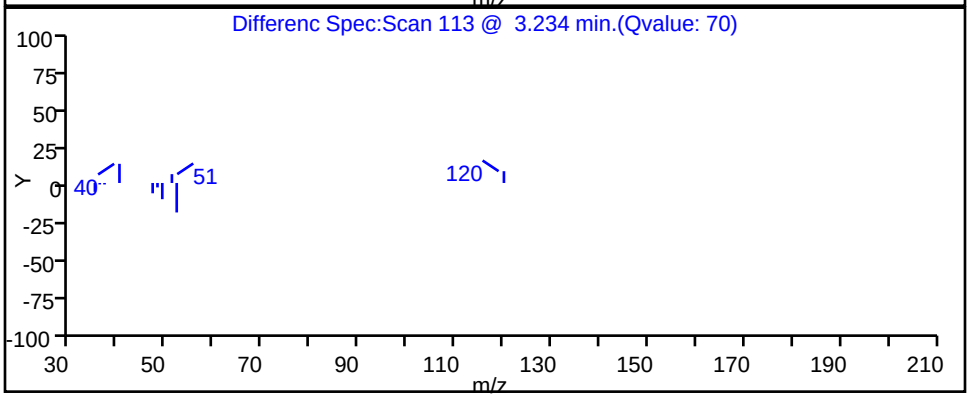












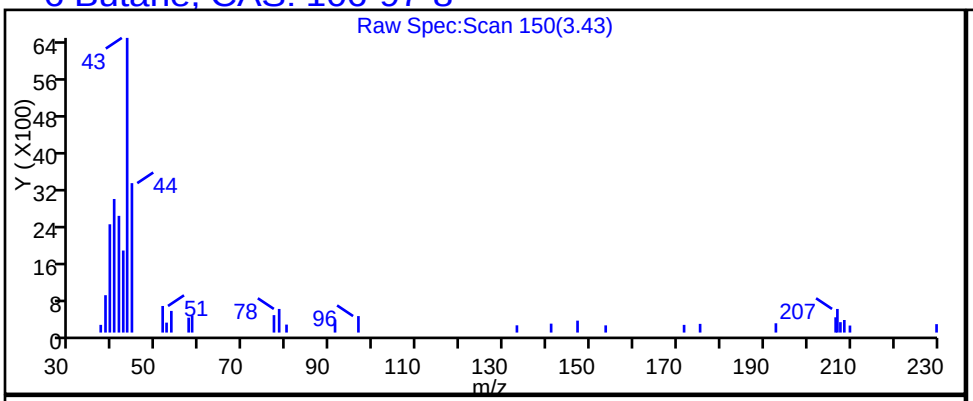
Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

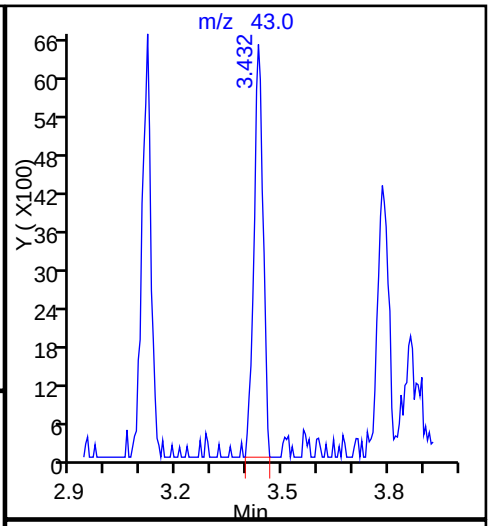
TestAmerica Burlington

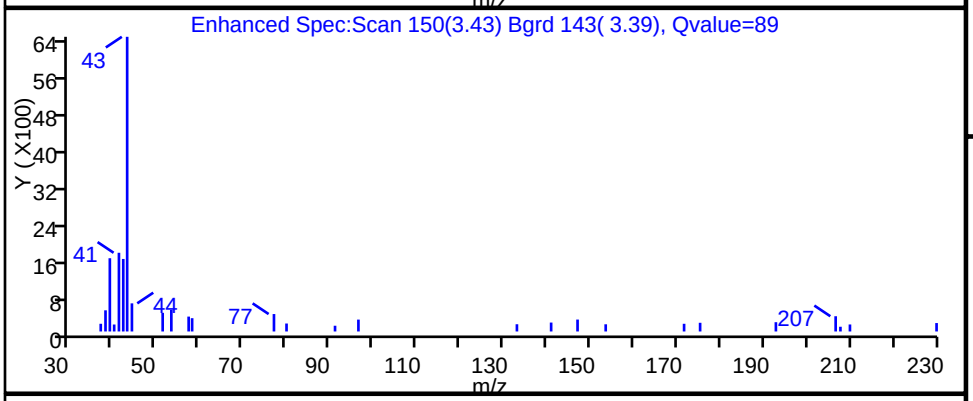
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D

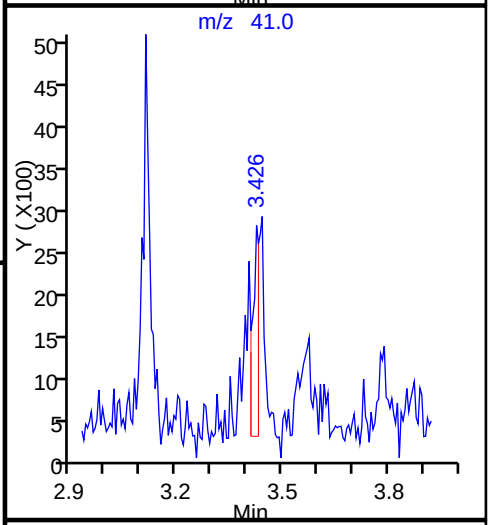
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A
Client ID:	774VMP0301MA		
Operator ID:	bpl	ALS Bottle#:	6 Worklist Smp#: 9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

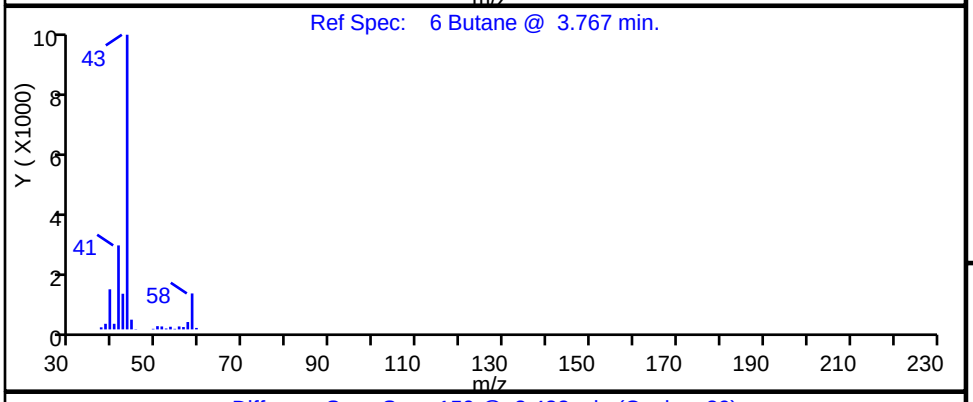
6 Butane, CAS: 106-97-8

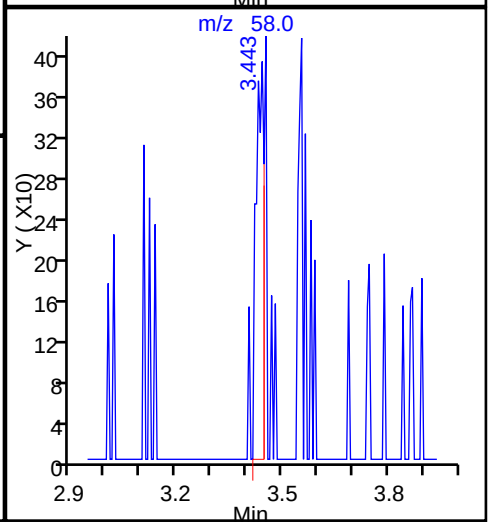


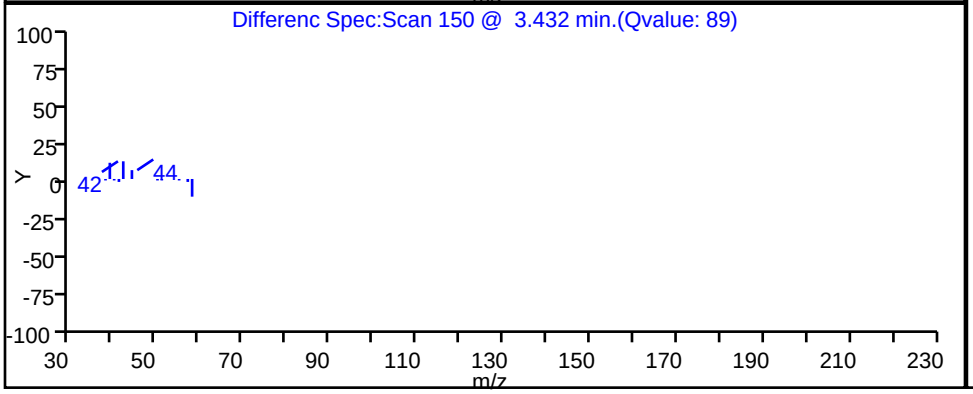










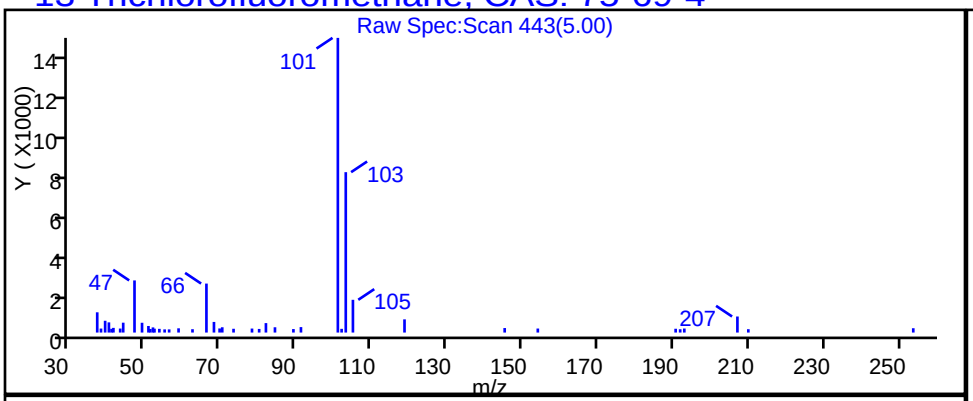


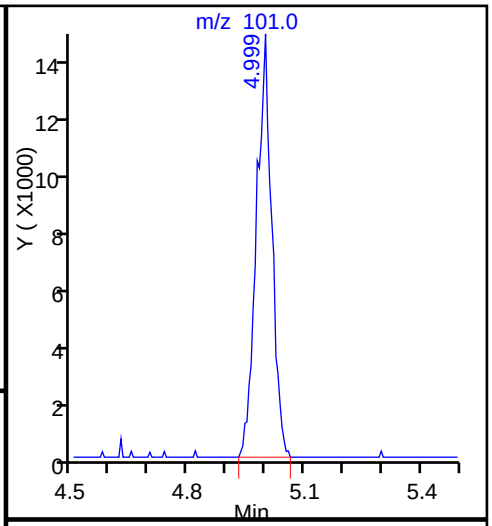
Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

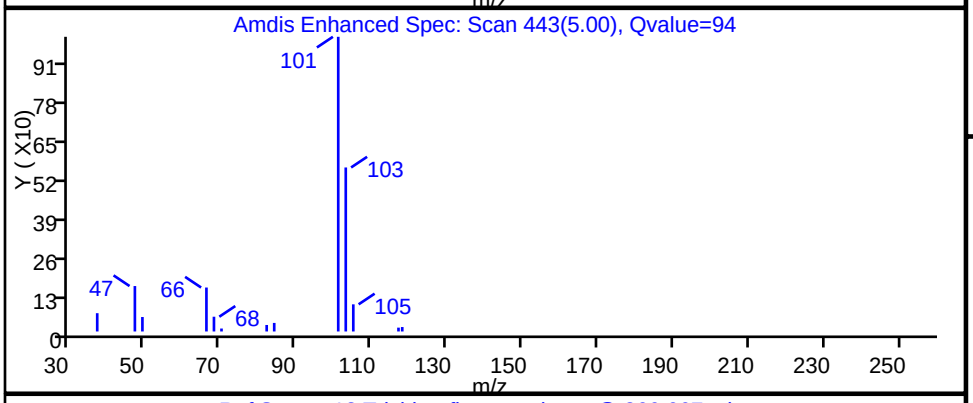
TestAmerica Burlington

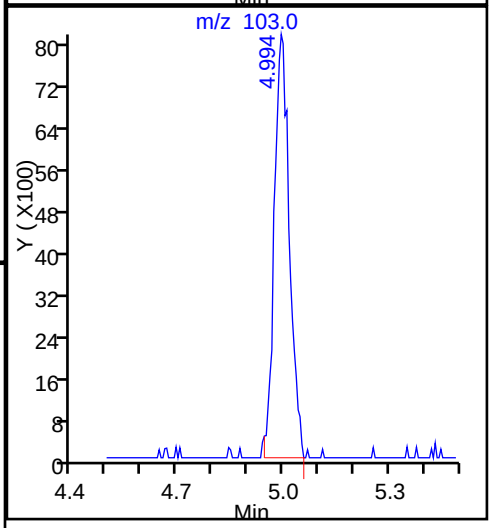
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D				
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A		
Client ID:	774VMP0301MA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

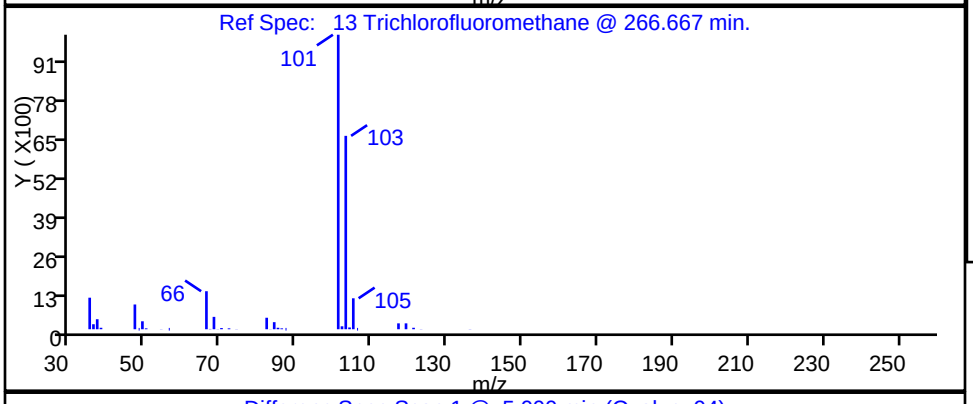
13 Trichlorofluoromethane, CAS: 75-69-4

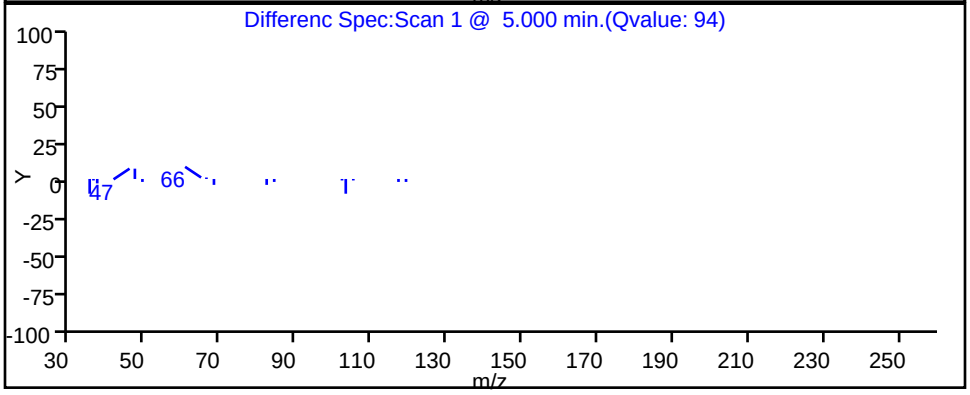










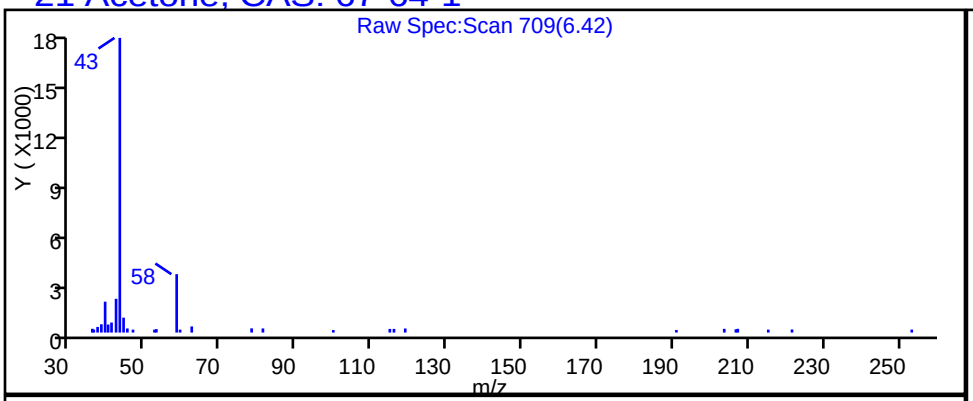


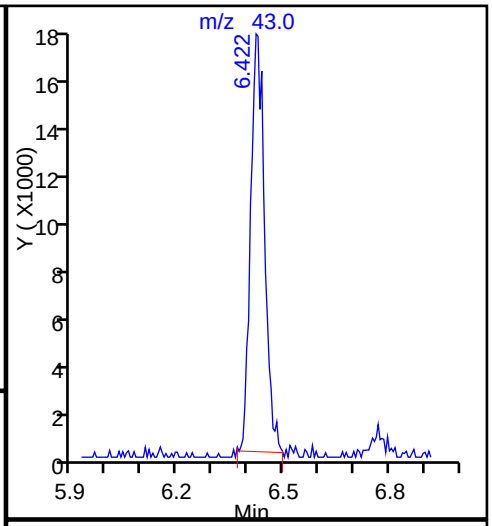
Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

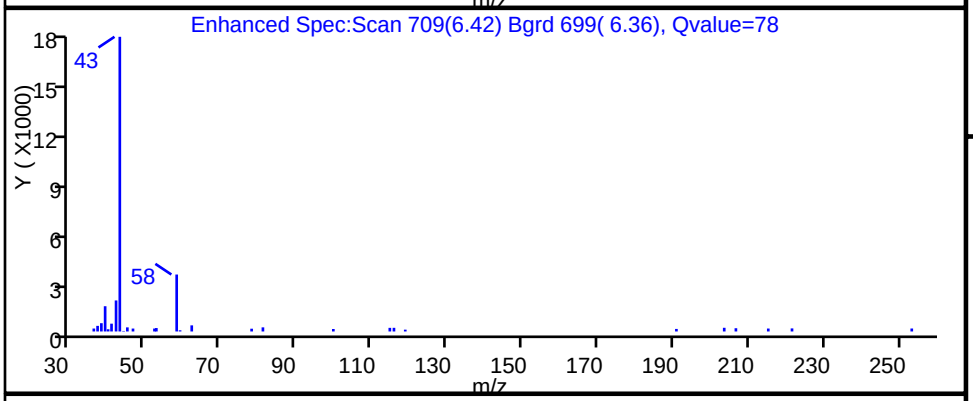
TestAmerica Burlington

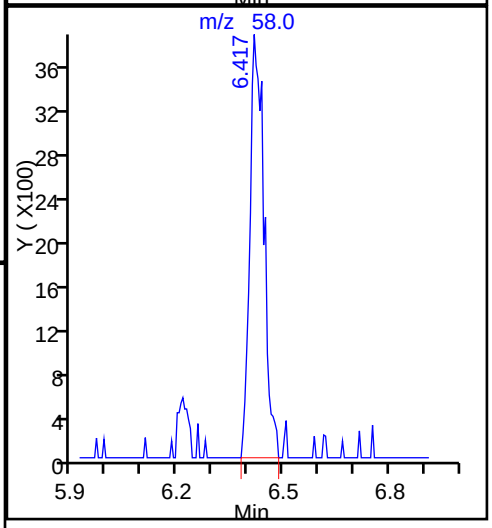
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D				
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A		
Client ID:	774VMP0301MA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

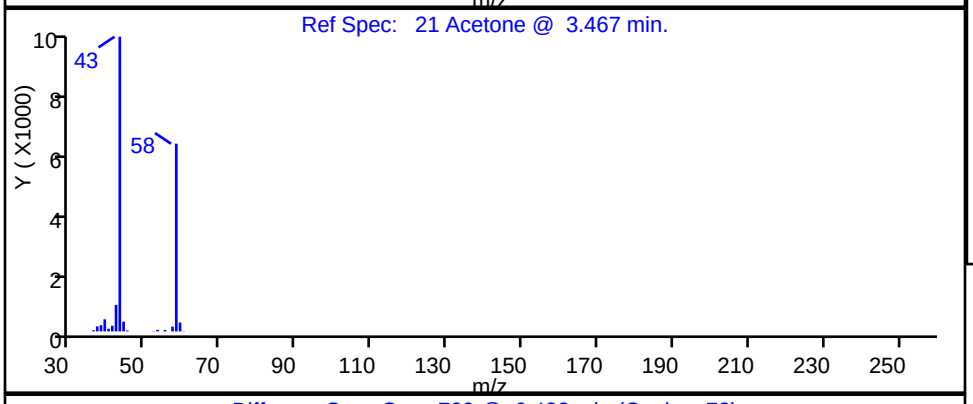
21 Acetone, CAS: 67-64-1

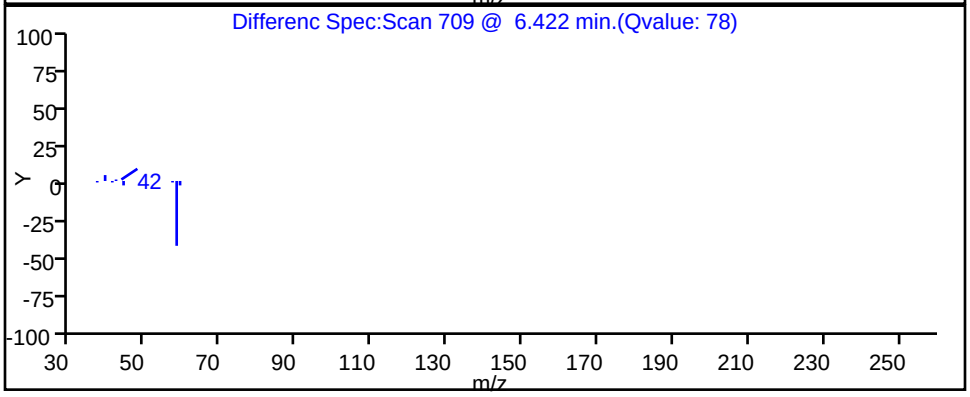












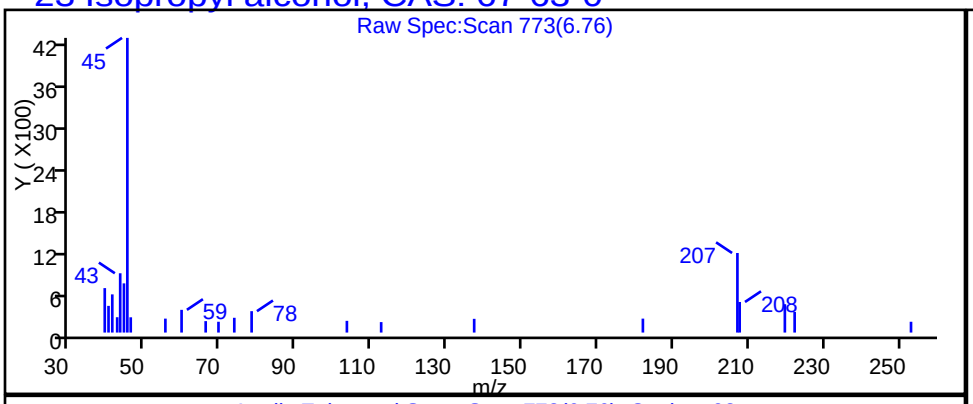
Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

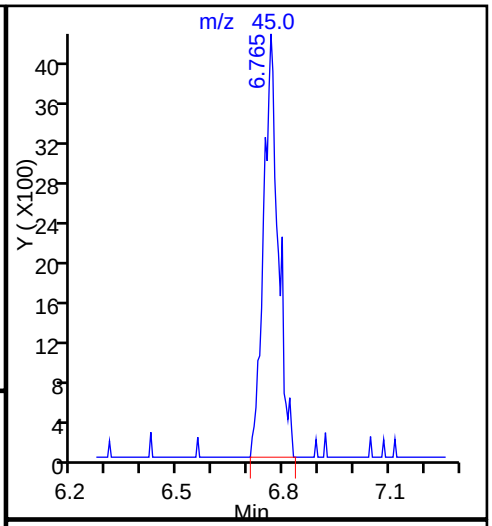
TestAmerica Burlington

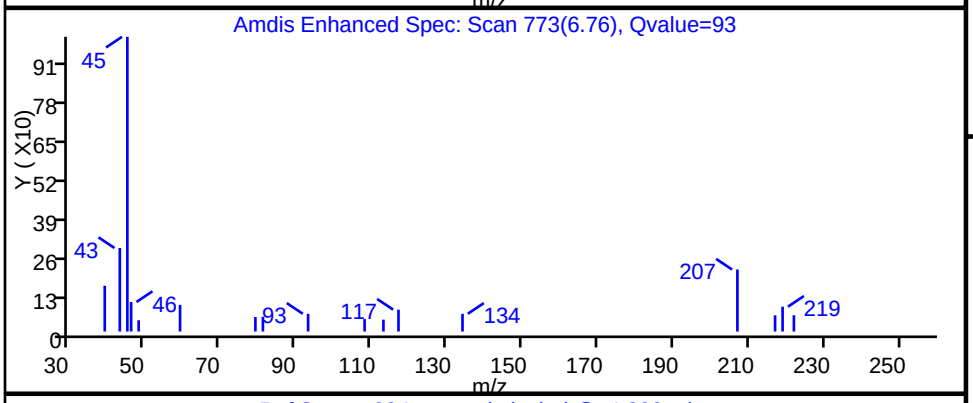
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D

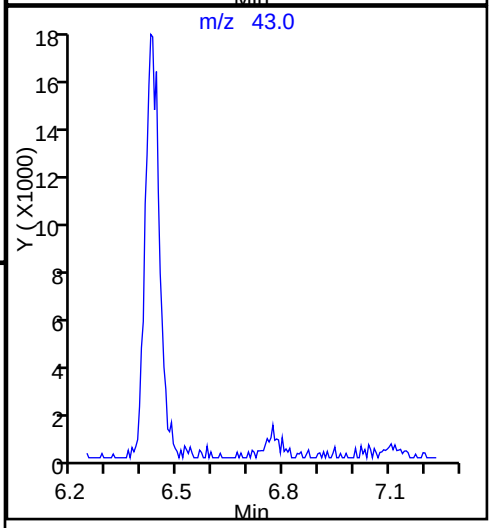
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A		
Client ID:	774VMP0301MA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

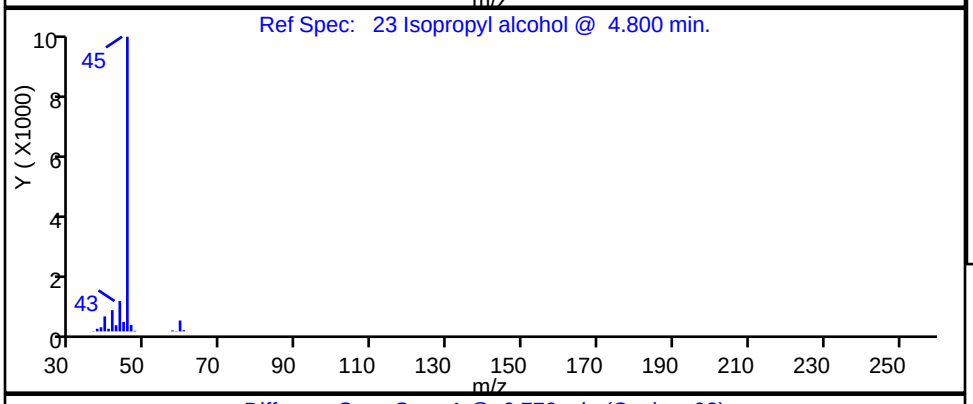
23 Isopropyl alcohol, CAS: 67-63-0

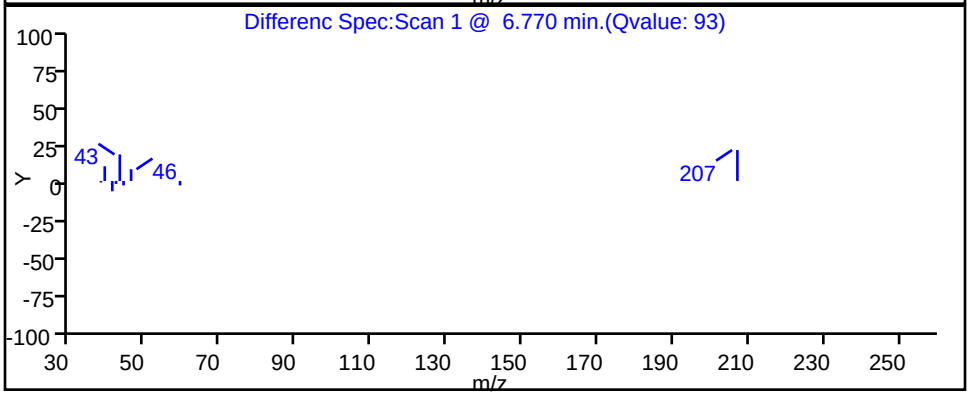












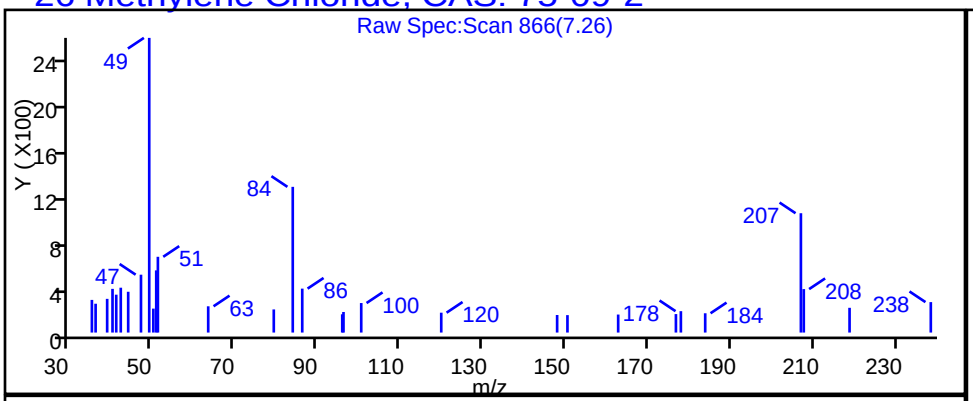
Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

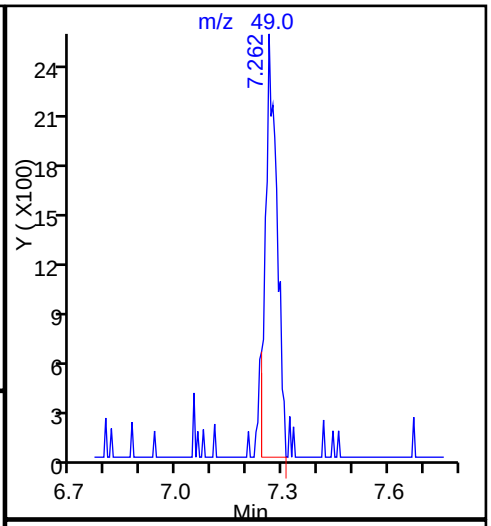
TestAmerica Burlington

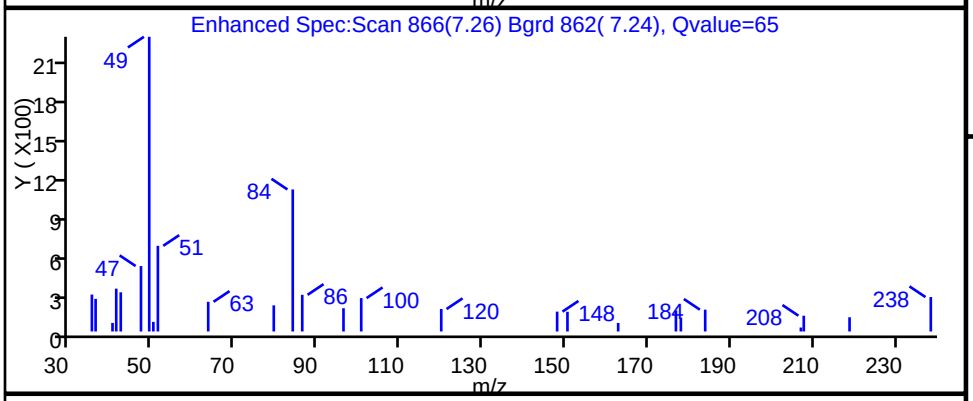
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D

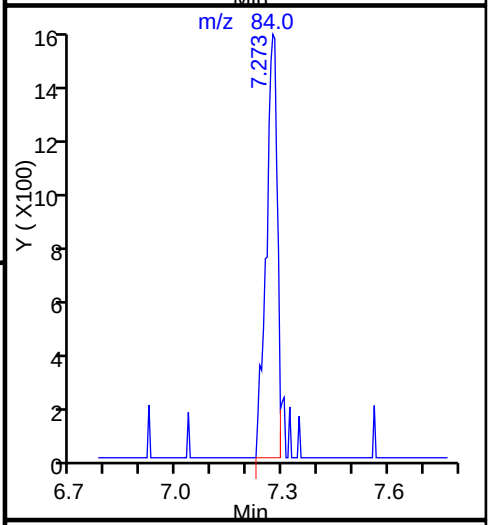
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A		
Client ID:	774VMP0301MA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

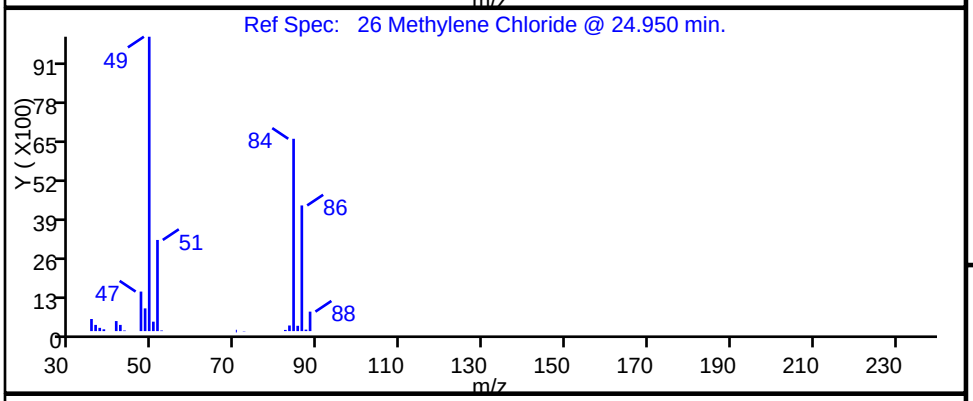
26 Methylene Chloride, CAS: 75-09-2

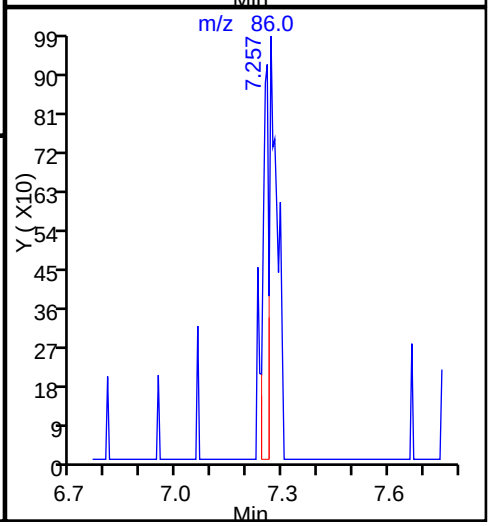


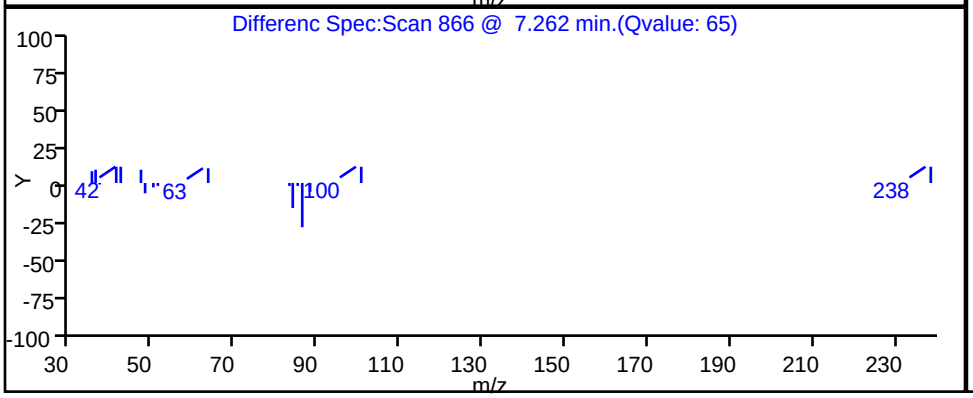












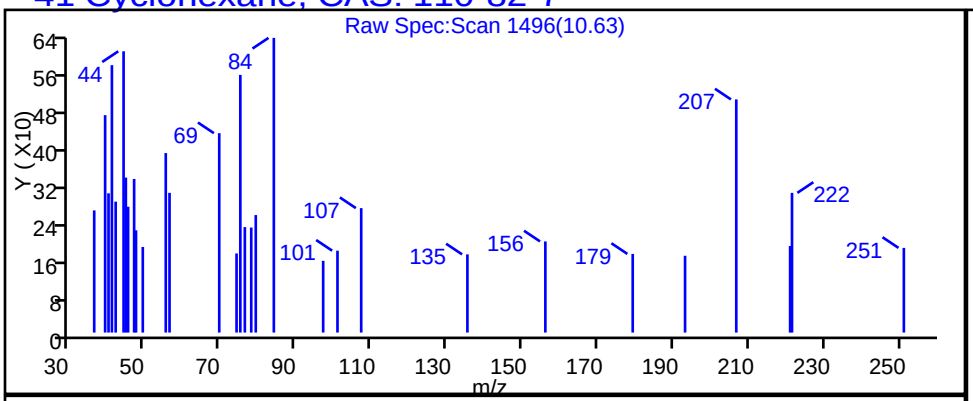
Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

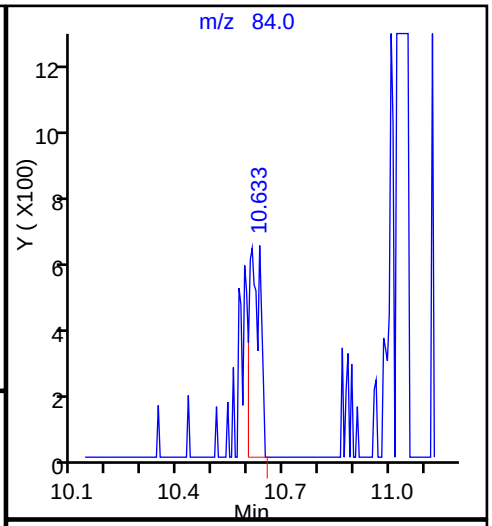
TestAmerica Burlington

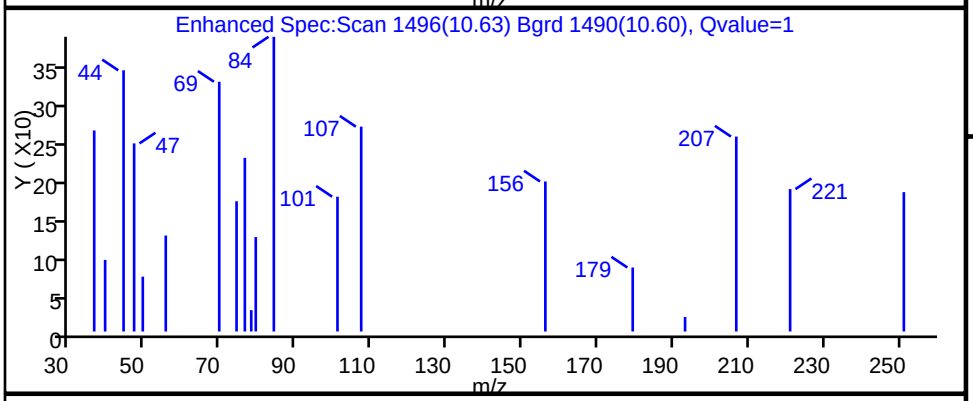
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D

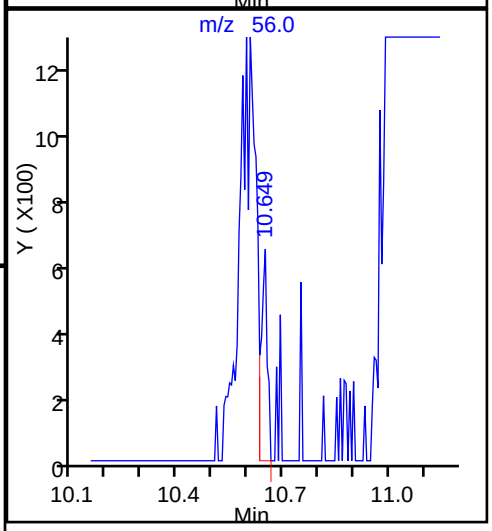
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A		
Client ID:	774VMP0301MA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

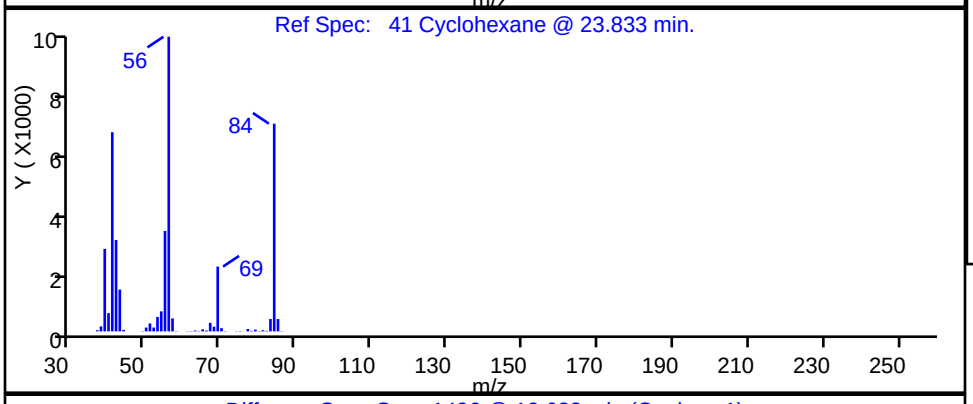
41 Cyclohexane, CAS: 110-82-7

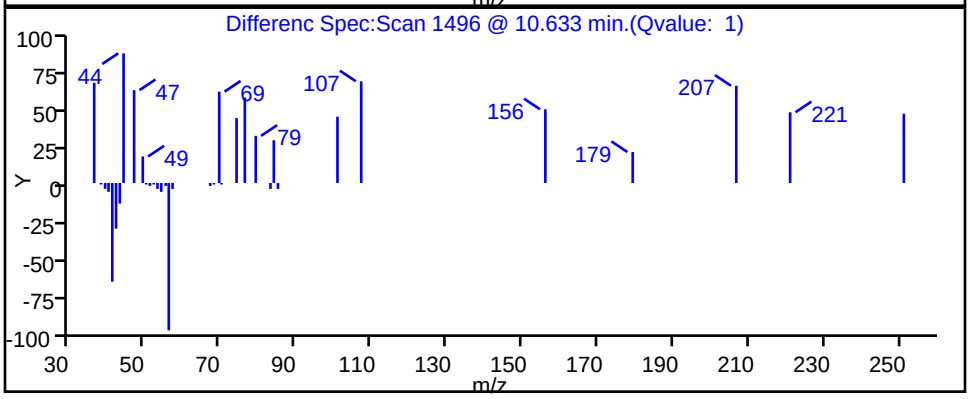










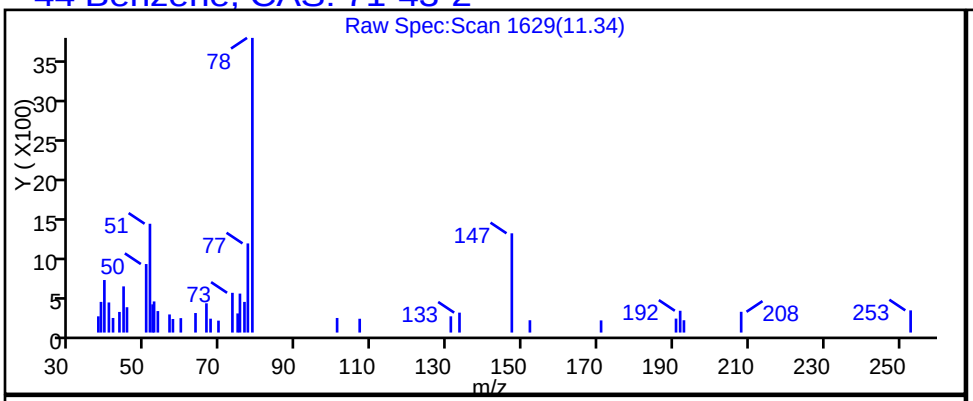


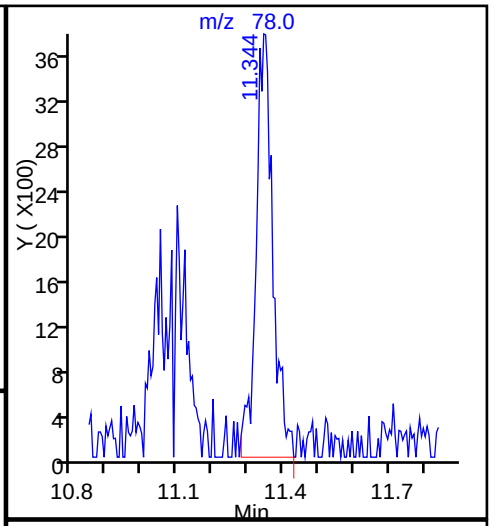
Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

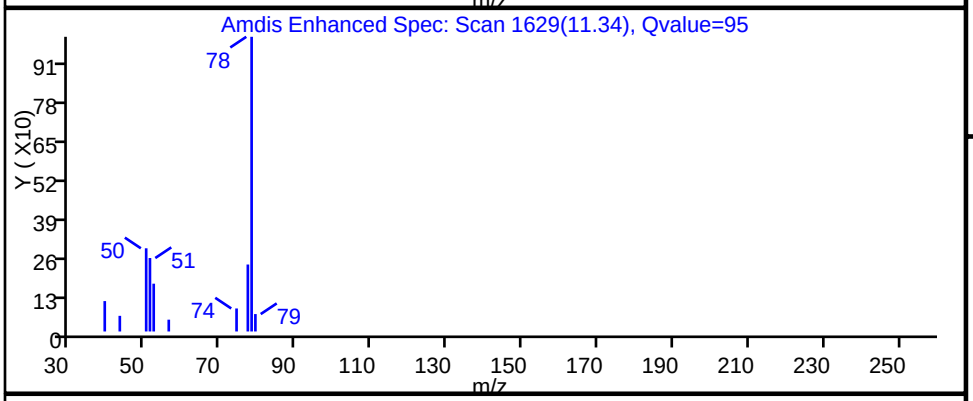
TestAmerica Burlington

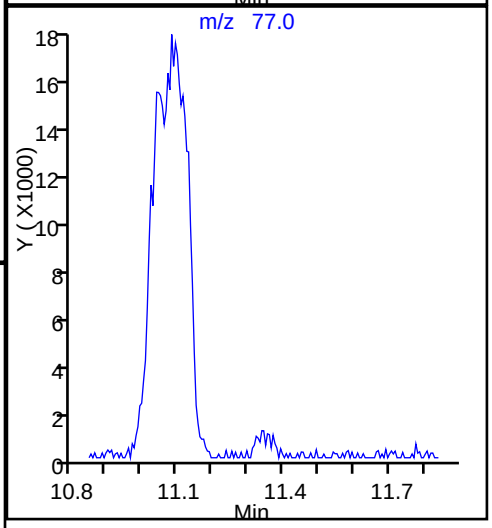
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D				
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A		
Client ID:	774VMP0301MA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

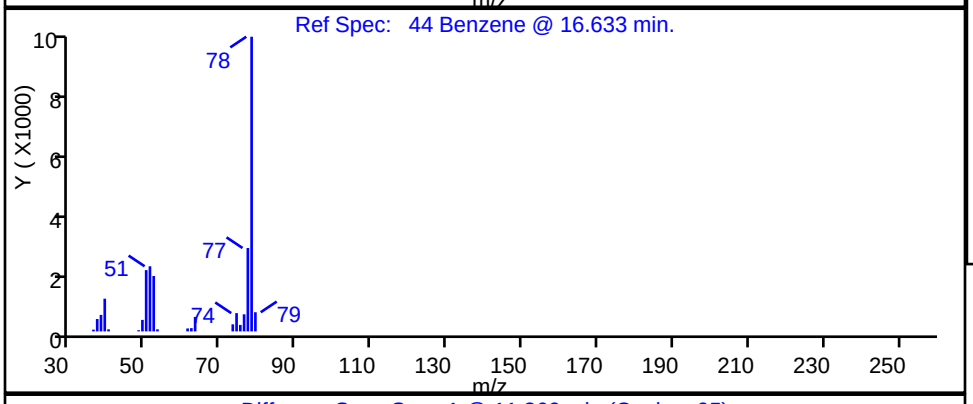
44 Benzene, CAS: 71-43-2

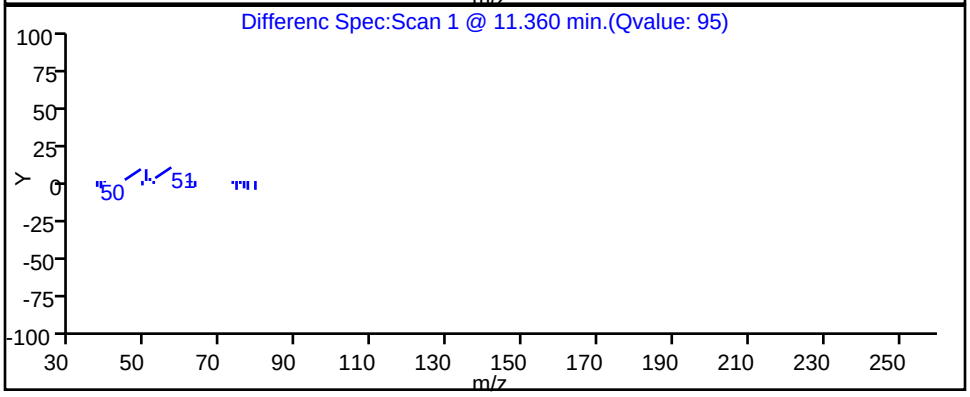












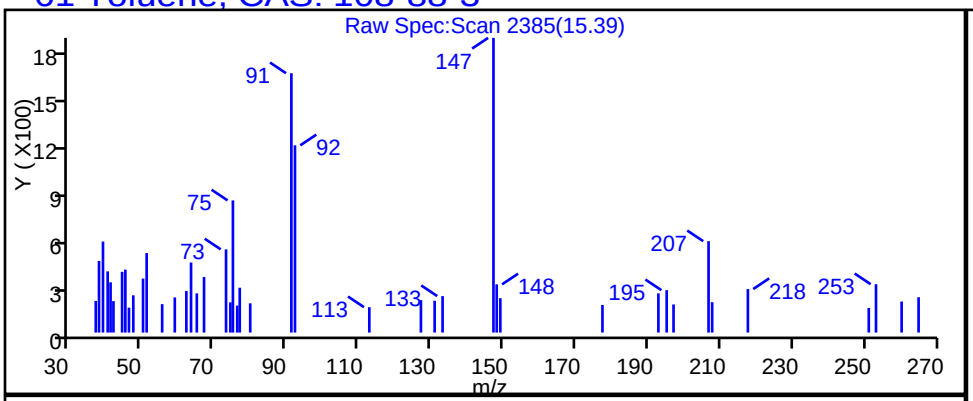
Report Date: 02-Feb-2015 09:23:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

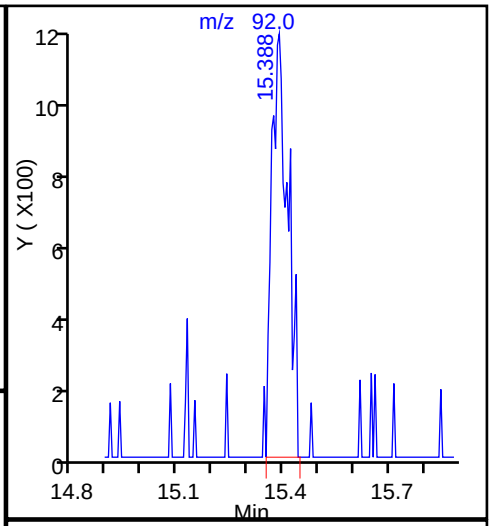
TestAmerica Burlington

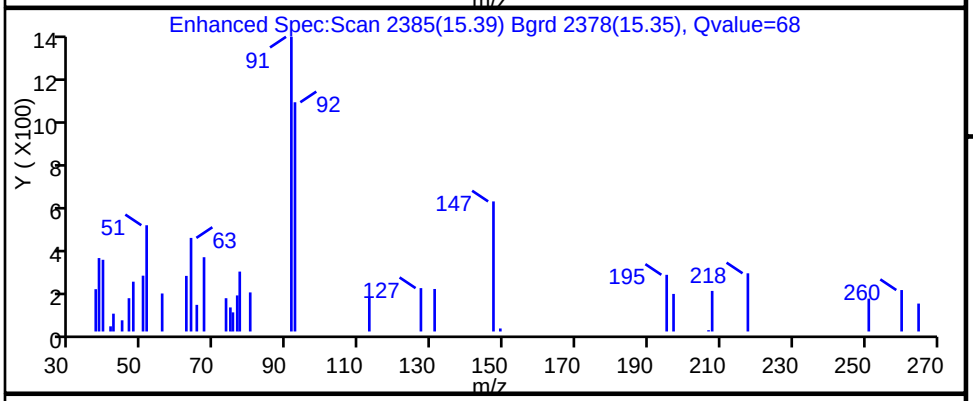
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_09.D

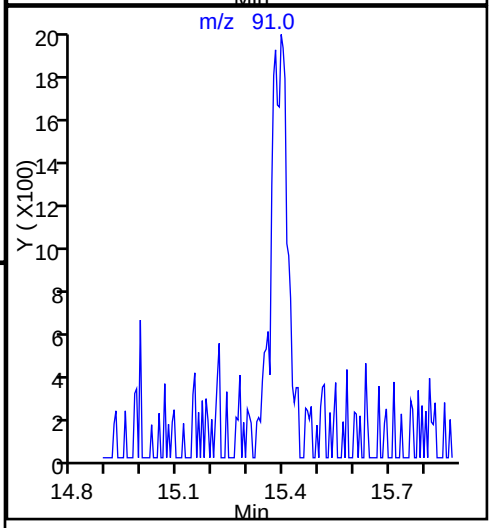
Injection Date:	30-Jan-2015 15:36:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-13	Lab Sample ID:	Client 200-84038/9-A		
Client ID:	774VMP0301MA				
Operator ID:	bpl	ALS Bottle#:	6	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

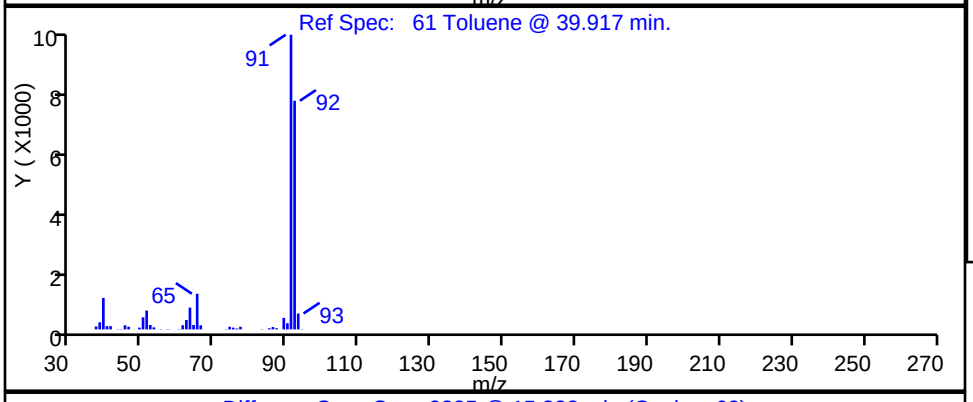
61 Toluene, CAS: 108-88-3

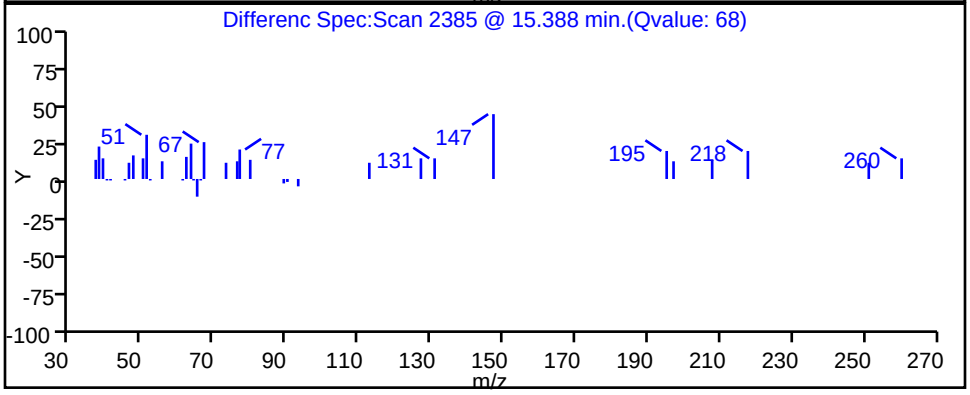












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MC Lab Sample ID: 280-64806-14

Matrix: Air Lab File ID: 11879_25a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 09:11

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.50		0.50	0.056
75-45-6	Freon 22	86.47	1.3		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.28	J M	0.50	0.060
106-97-8	n-Butane	58.12	0.84		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.23	M	0.20	0.045
76-13-1	Freon TF	187.38	0.061	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	4.8	J	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	7.3		5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	J M	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.16	J	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.73		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.67	J	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.11	J M	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.081	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.24	M	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MC Lab Sample ID: 280-64806-14

Matrix: Air Lab File ID: 11879_25a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 09:11

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.92		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.22		0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.92		0.50	0.025
95-47-6	Xylene, o-	106.17	0.31		0.20	0.018
1330-20-7	Xylene (total)	106.17	1.2		0.20	0.041
100-42-5	Styrene	104.15	0.070	J M	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.067	J	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.081	J	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.27		0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MC Lab Sample ID: 280-64806-14

Matrix: Air Lab File ID: 11879_25a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 09:11

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MC Lab Sample ID: 280-64806-14

Matrix: Air Lab File ID: 11879_25a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 09:11

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.28
75-45-6	Freon 22	86.47	4.5		1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.58	J M	1.0	0.12
106-97-8	n-Butane	58.12	2.0		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.3	M	1.1	0.25
76-13-1	Freon TF	187.38	0.47	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	11	J	12	1.6
67-63-0	Isopropyl alcohol	60.10	18		12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	J M	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.56	J	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	2.1		1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	2.0	J	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.38	J M	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.51	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.75	M	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MC Lab Sample ID: 280-64806-14

Matrix: Air Lab File ID: 11879_25a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 09:11

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	3.5		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.95		0.87	0.087
179601-23-1	m,p-Xylene	106.17	4.0		2.2	0.11
95-47-6	Xylene, o-	106.17	1.3		0.87	0.078
1330-20-7	Xylene (total)	106.17	5.3		0.87	0.18
100-42-5	Styrene	104.15	0.30	J M	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.33	J	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.40	J	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	1.3		0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MC Lab Sample ID: 280-64806-14

Matrix: Air Lab File ID: 11879_25a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 09:11

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D
Lims ID: 280-64806-A-14 Lab Sample ID: 200-64806-14
Client ID: 776VMP0101MC
Sample Type: Client
Inject. Date: 30-Jan-2015 09:11:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011879-025
Misc. Info.: 64806-14
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 02-Feb-2015 08:44:11 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: lyonsb Date: 30-Jan-2015 16:15:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
5 Dichlorodifluoromethane	85	3.224	3.218	0.006	99	88310	0.4965	
6 Chlorodifluoromethane	51	3.261	3.261	0.000	97	127786	1.27	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.448				ND	
8 Chloromethane	50	3.581	3.581	0.000	0	12746	0.2811	7M
9 Butane	43	3.763	3.763	0.000	99	69711	0.8432	
10 Vinyl chloride	62		3.800				ND	
11 Butadiene	54		3.875				ND	
12 Bromomethane	94		4.579				ND	
14 Chloroethane	64		4.809				ND	
16 Vinyl bromide	106		5.241				ND	
17 Trichlorofluoromethane	101	5.321	5.326	-0.005	54	39892	0.2280	M
23 1,1,2-Trichloro-1,2,2-trif	101	6.367	6.372	-0.005	32	6908	0.0609	
24 1,1-Dichloroethene	96		6.453				ND	
25 Acetone	43	6.634	6.629	0.005	85	472337	4.78	
26 Isopropyl alcohol	45	6.842	6.826	0.016	98	534075	7.30	
27 Carbon disulfide	76		6.885				ND	
29 3-Chloro-1-propene	41		7.173				ND	
31 Methylene Chloride	49	7.440	7.429	0.011	0	12786	0.1985	7M
32 2-Methyl-2-propanol	59		7.536				ND	
33 Methyl tert-butyl ether	73		7.765				ND	
34 trans-1,2-Dichloroethene	61		7.840				ND	
36 Hexane	57	8.139	8.150	-0.011	52	12672	0.1584	
37 1,1-Dichloroethane	63		8.598				ND	
40 2-Butanone (MEK)	72	9.500	9.495	0.005	98	20903	0.7262	
39 cis-1,2-Dichloroethene	96		9.500				ND	
43 Tetrahydrofuran	42	9.868	9.868	0.000	33	43003	0.6698	
* 44 Chlorobromomethane	128	9.868	9.874	-0.006	85	567802	10.0	
45 Chloroform	83		9.943				ND	
S 42 1,2-Dichloroethene, Total	61		10.000				ND	
46 Cyclohexane	84	10.194	10.199	-0.005	0	8636	0.1108	M
47 1,1,1-Trichloroethane	97		10.199				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
48 Carbon tetrachloride	117	10.397	10.391	0.006	51	13426	0.0809	
49 Isooctane	57		10.663				ND	M
50 Benzene	78	10.733	10.733	0.000	95	39574	0.2358	M
51 1,2-Dichloroethane	62		10.839				ND	
52 n-Heptane	43		10.920				ND	
* 54 1,4-Difluorobenzene	114	11.272	11.272	0.000	94	2782363	10.0	
57 Trichloroethene	95		11.640				ND	
58 1,2-Dichloropropane	63		12.024				ND	
59 Methyl methacrylate	69		12.051				ND	
60 1,4-Dioxane	88		12.147				ND	
62 Dichlorobromomethane	83		12.377				ND	
64 cis-1,3-Dichloropropene	75		13.006				ND	
65 4-Methyl-2-pentanone (MIBK	43		13.150				ND	
68 Toluene	92	13.433	13.433	0.000	92	118166	0.9238	
70 trans-1,3-Dichloropropene	75		13.796				ND	
71 1,1,2-Trichloroethane	83		14.074				ND	
72 Tetrachloroethene	166		14.191				ND	
73 2-Hexanone	43		14.324				ND	
74 Chlorodibromomethane	129		14.618				ND	
75 Ethylene Dibromide	107		14.821				ND	
* 76 Chlorobenzene-d5	117	15.371	15.371	0.000	87	2465736	10.0	
77 Chlorobenzene	112		15.408				ND	
79 Ethylbenzene	91	15.472	15.472	0.000	96	68012	0.2198	
80 m-Xylene & p-Xylene	106	15.611	15.616	-0.005	0	108556	0.9185	
S 81 Xylenes, Total	106				0		1.22	
82 o-Xylene	106	16.128	16.128	0.000	94	35262	0.3053	
83 Styrene	104	16.145	16.150	-0.006	9	13204	0.0699	M
84 Bromoform	173		16.449				ND	
85 Isopropylbenzene	105		16.529				ND	
$ 86 4-Bromofluorobenzene	95	16.790	16.795	-0.005	94	1795143	NC	
87 1,1,2,2-Tetrachloroethane	83		16.945				ND	
88 N-Propylbenzene	91		17.009				ND	
91 4-Ethyltoluene	105	17.132	17.132	0.000	77	24118	0.0666	
92 2-Chlorotoluene	91		17.180				ND	
93 1,3,5-Trimethylbenzene	105	17.196	17.196	0.000	89	25752	0.0808	
95 tert-Butylbenzene	119		17.580				ND	
96 1,2,4-Trimethylbenzene	105	17.644	17.649	-0.005	96	87078	0.2744	
97 sec-Butylbenzene	105		17.842				ND	
98 4-Isopropyltoluene	119		17.991				ND	
99 1,3-Dichlorobenzene	146		18.076				ND	
100 1,4-Dichlorobenzene	146		18.188				ND	
101 Benzyl chloride	91		18.349				ND	
103 n-Butylbenzene	91		18.509				ND	
104 1,2-Dichlorobenzene	146		18.690				ND	
107 1,2,4-Trichlorobenzene	180		21.102				ND	
108 Hexachlorobutadiene	225		21.262				ND	
109 Naphthalene	128		21.609				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

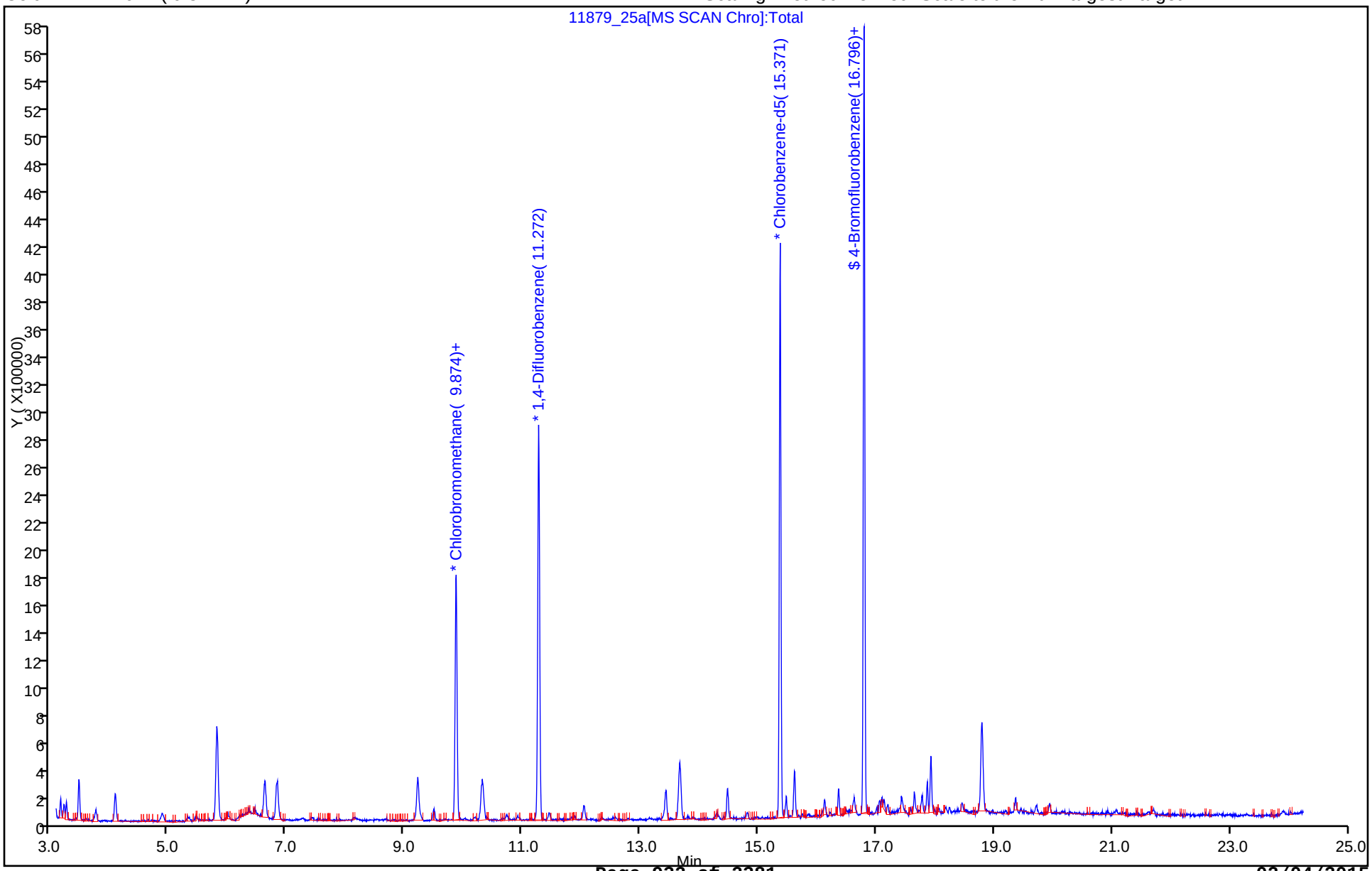
Report Date: 02-Feb-2015 08:44:44 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D

Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14	Worklist Smp#:	25
Client ID:	776VMP0101MC				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



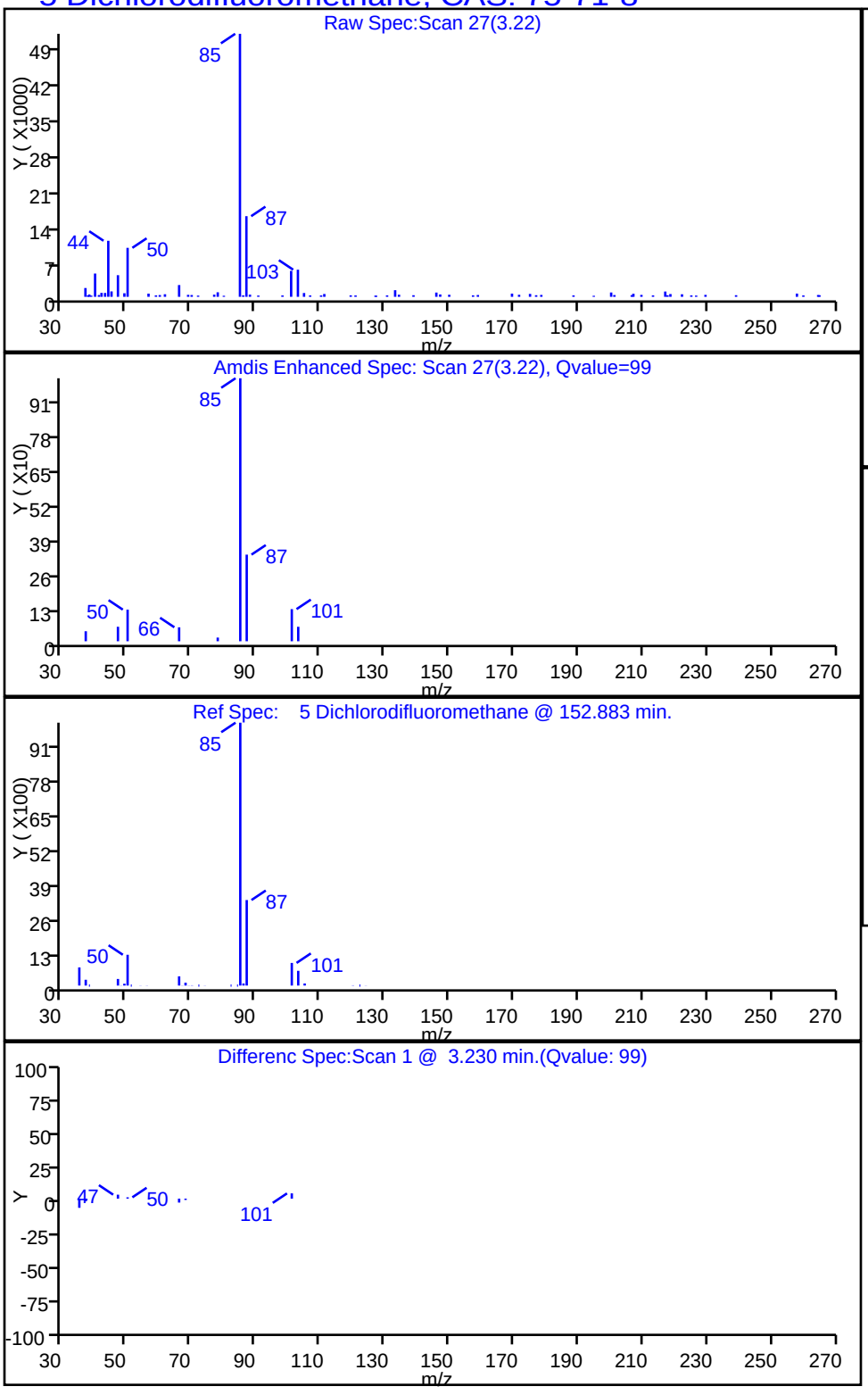
Report Date: 02-Feb-2015 08:44:44 Chrom Revision: 2.2 15-Jan-2015 13:05:58

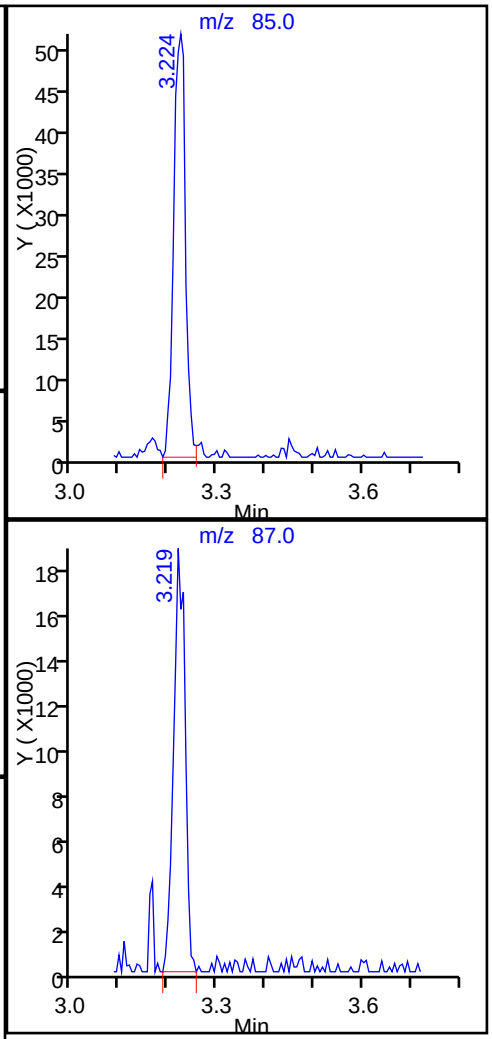
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D

Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Dichlorodifluoromethane, CAS: 75-71-8





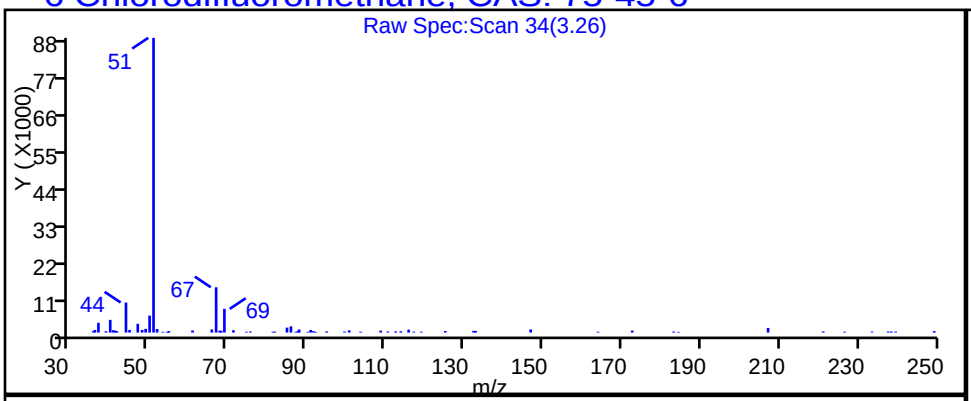
Report Date: 02-Feb-2015 08:44:44 Chrom Revision: 2.2 15-Jan-2015 13:05:58

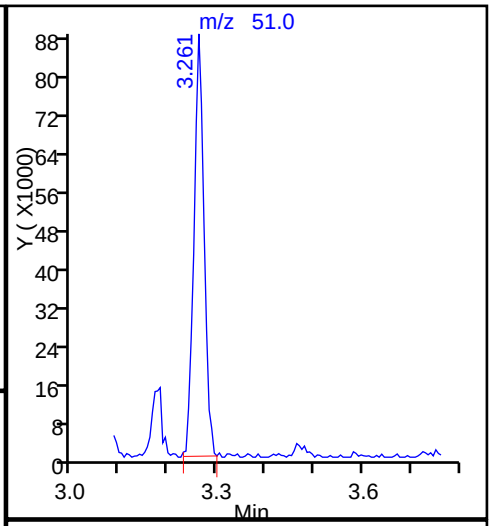
TestAmerica Burlington

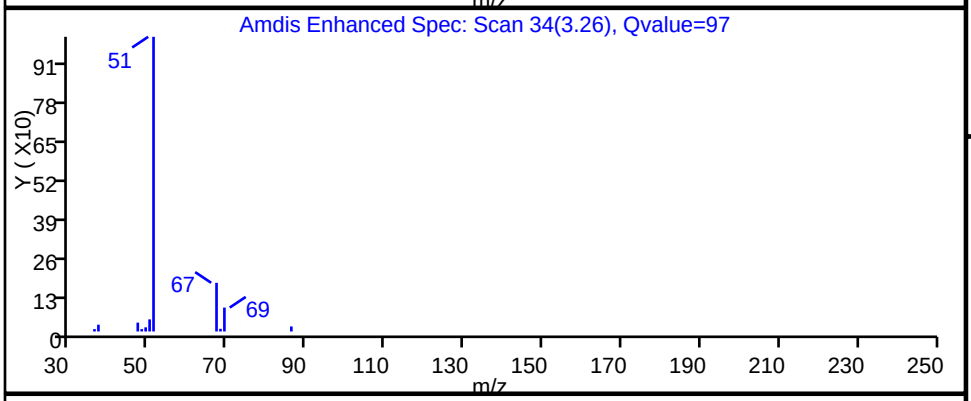
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D

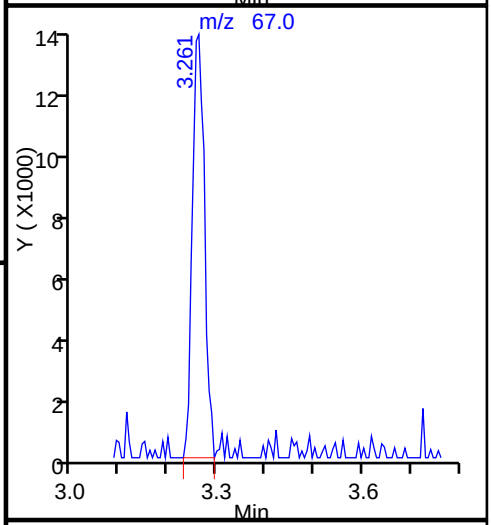
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

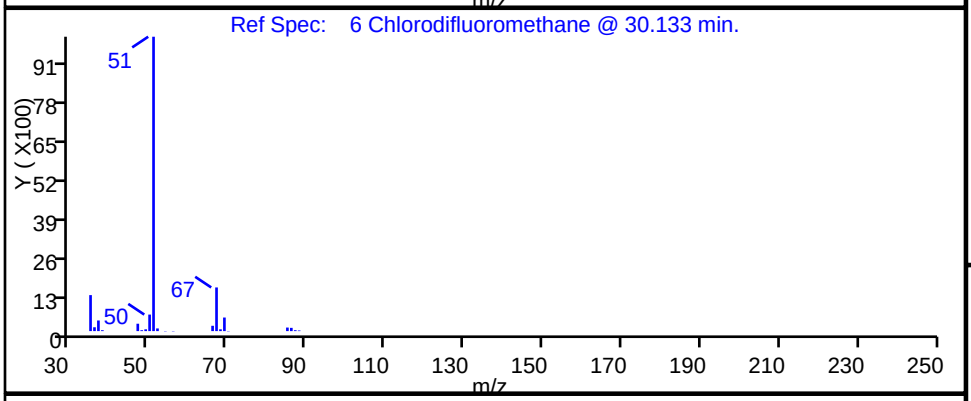
6 Chlorodifluoromethane, CAS: 75-45-6

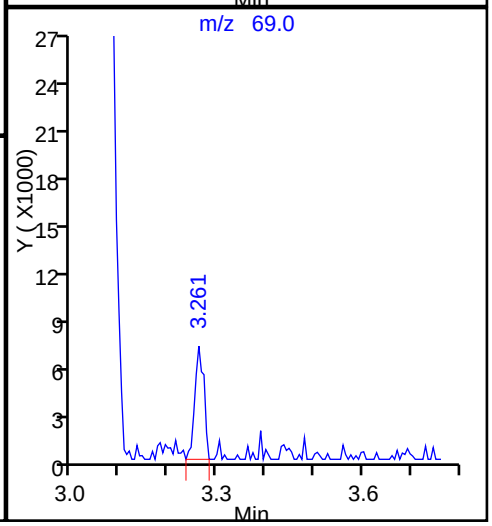


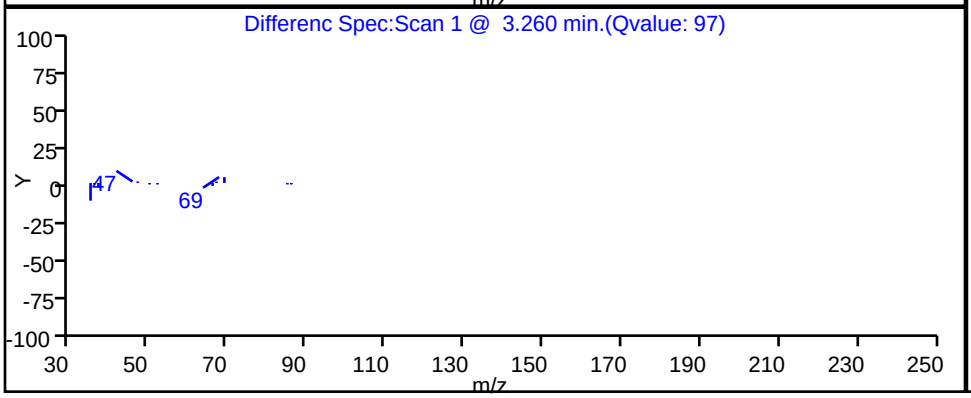












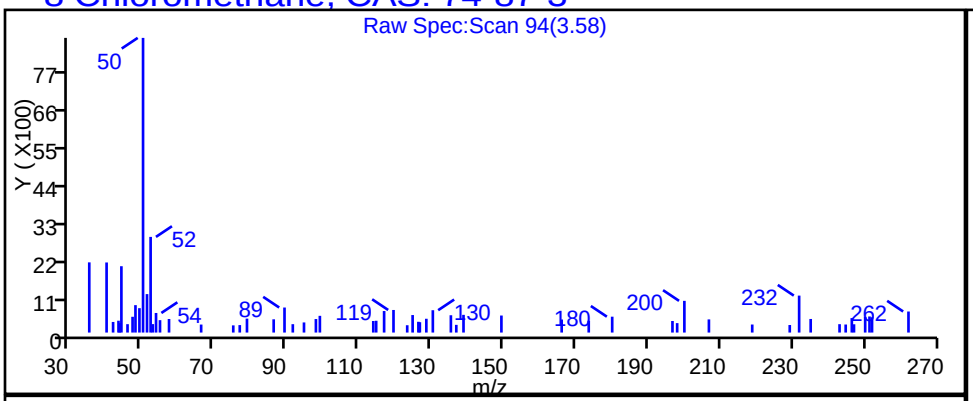
Report Date: 02-Feb-2015 08:44:44 Chrom Revision: 2.2 15-Jan-2015 13:05:58

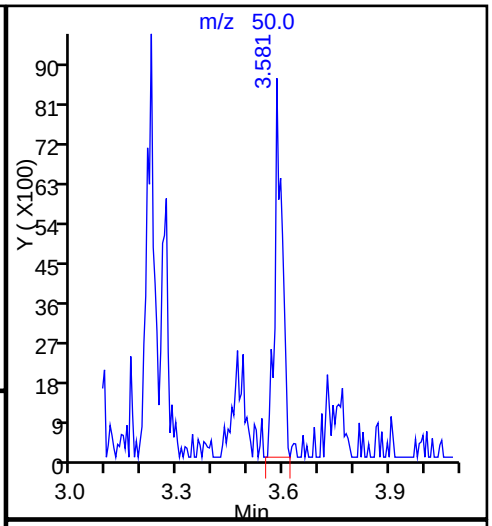
TestAmerica Burlington

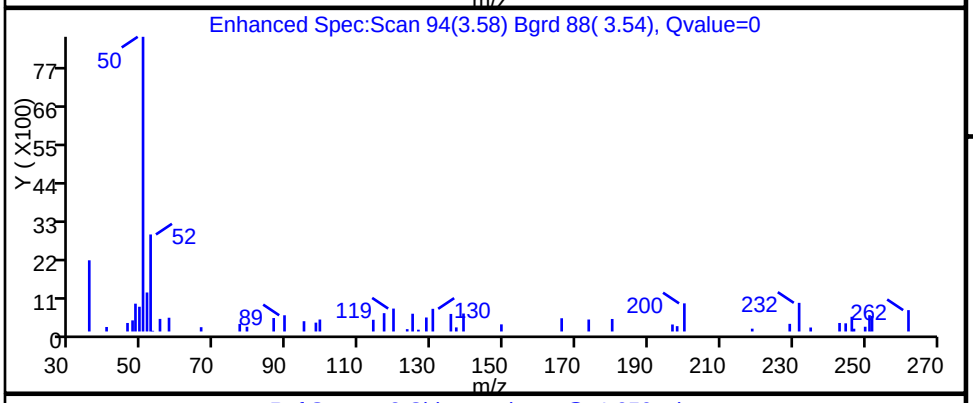
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D

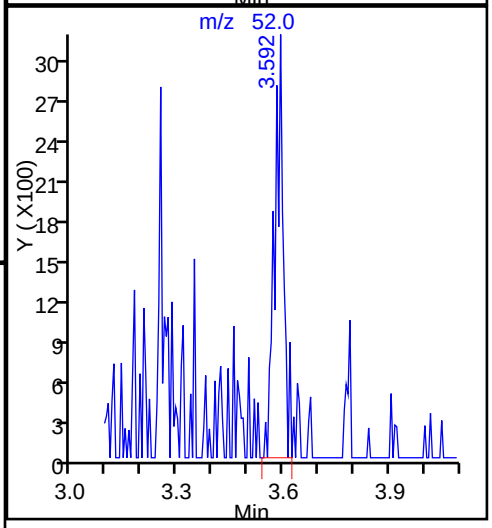
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

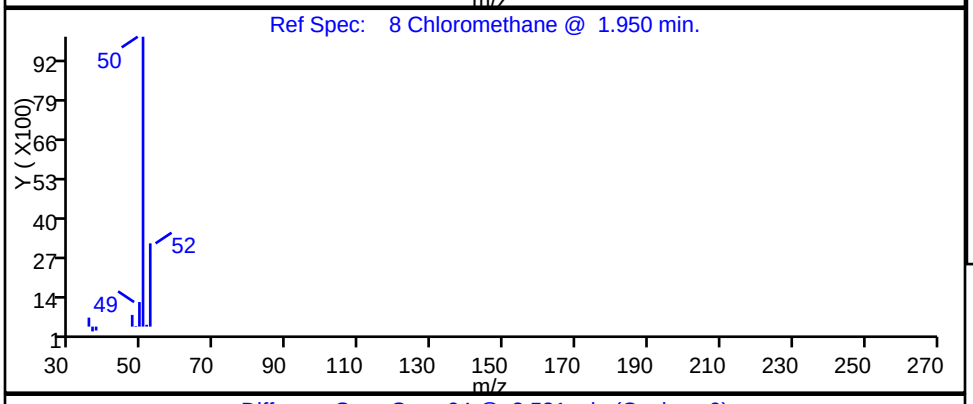
8 Chloromethane, CAS: 74-87-3

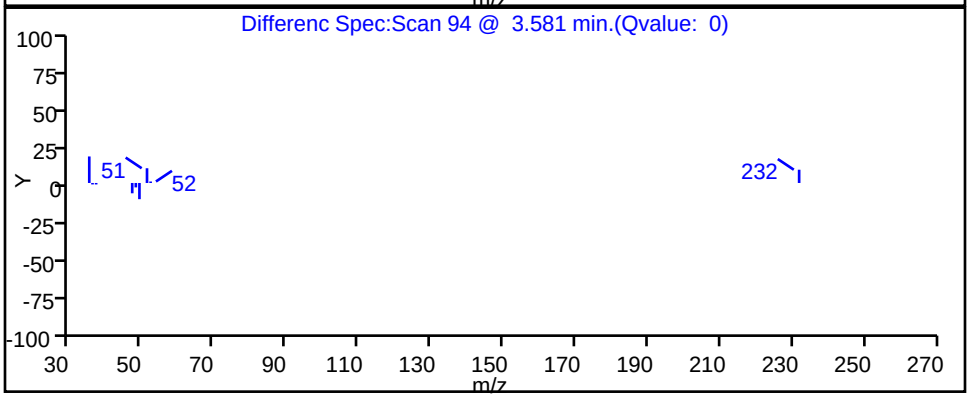








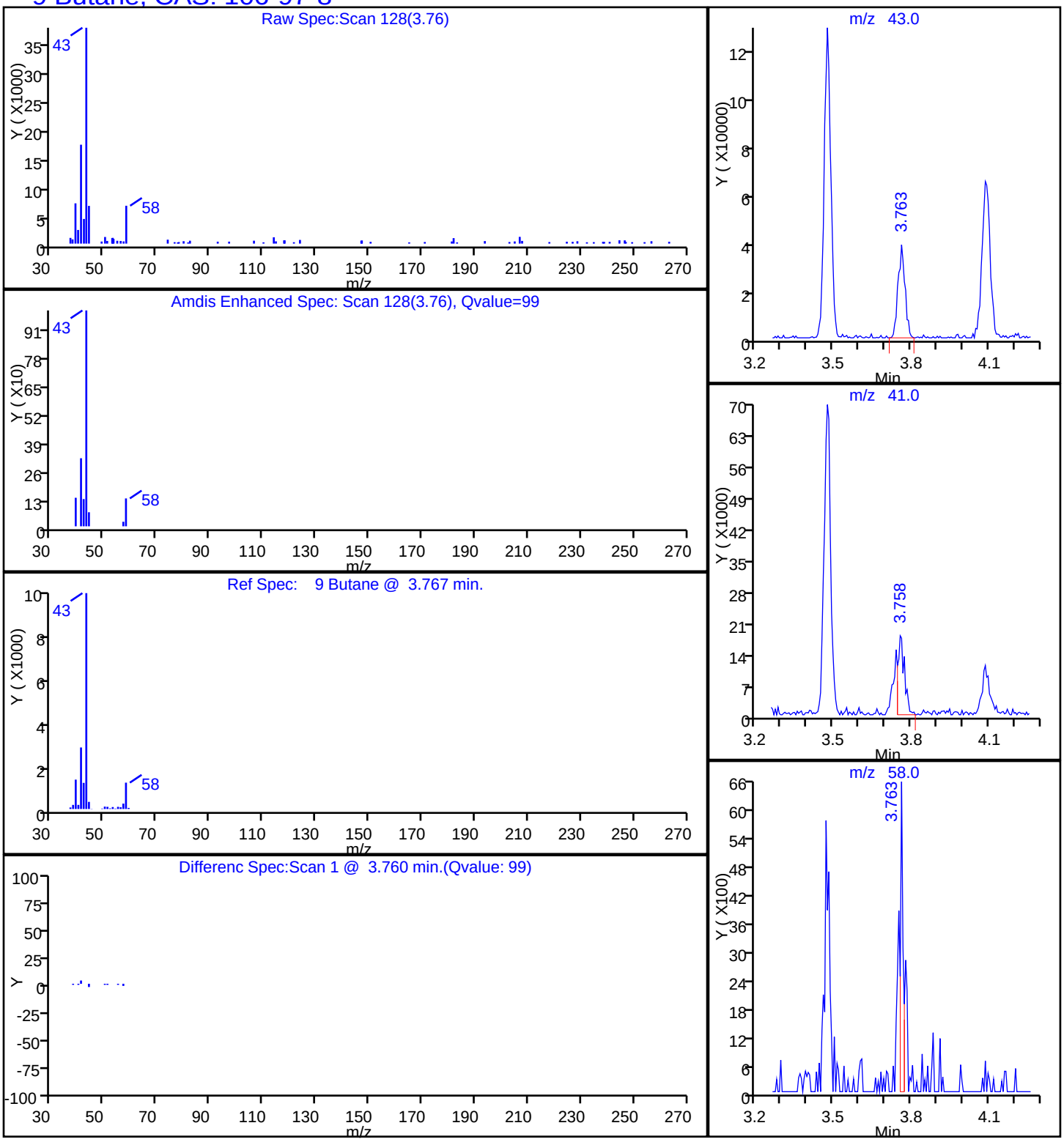




TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D		
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14
Client ID:	776VMP0101MC		
Operator ID:	pad	ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
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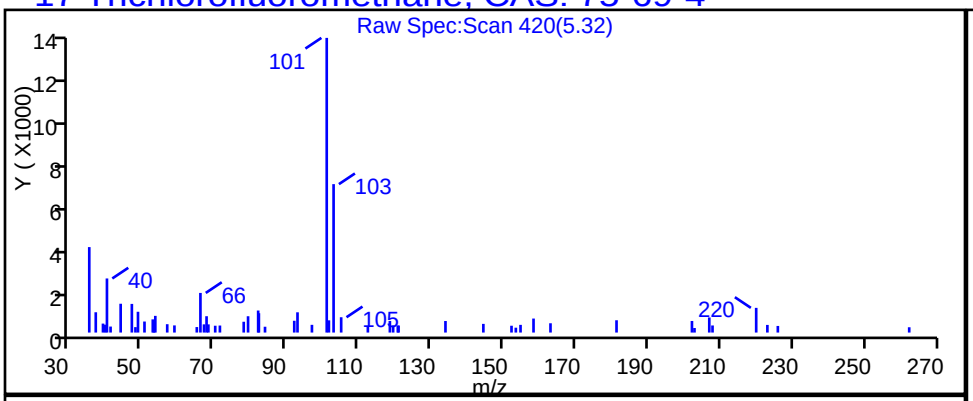
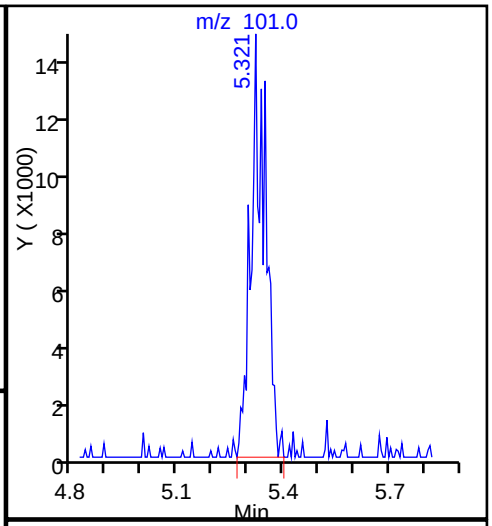
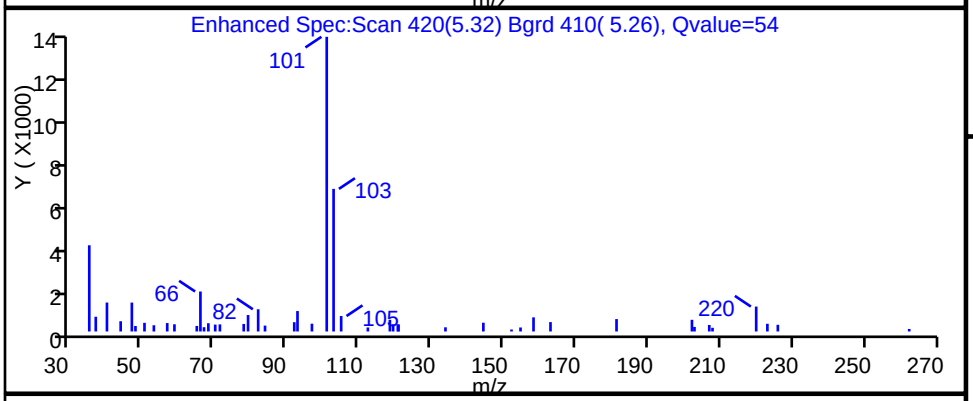
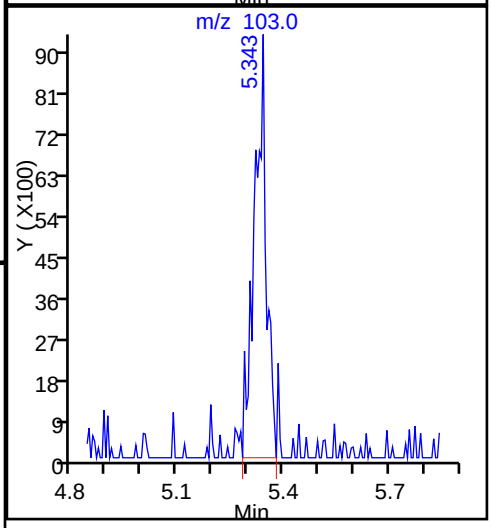
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

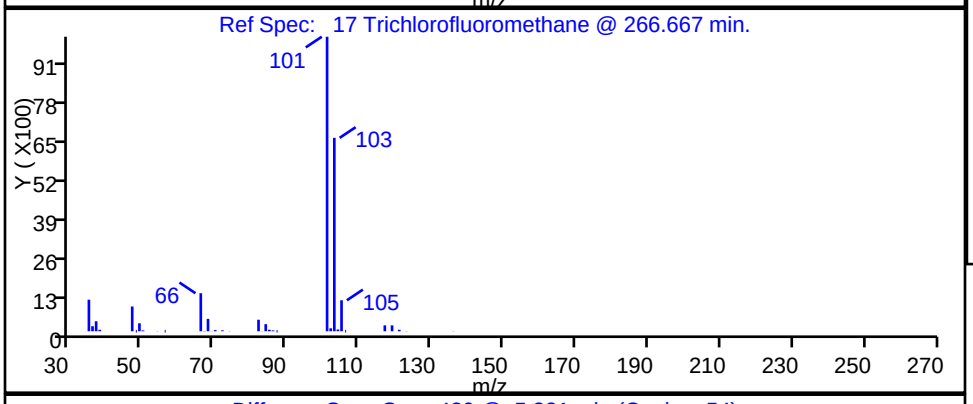
17 Trichlorofluoromethane, CAS: 75-69-4

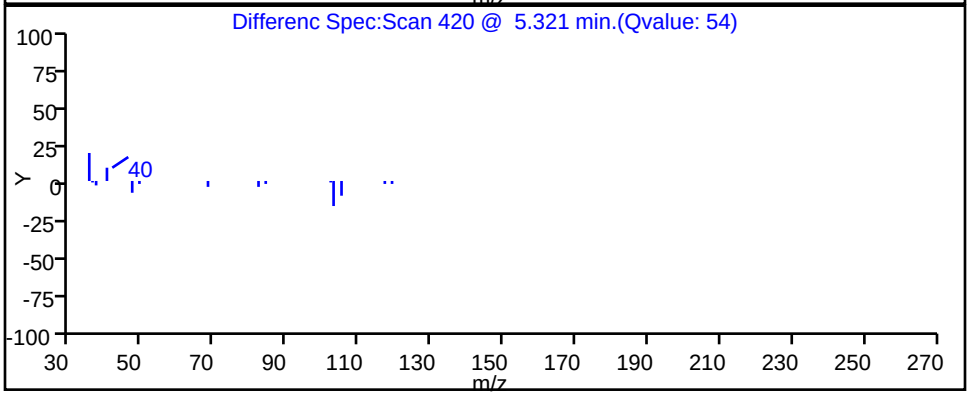












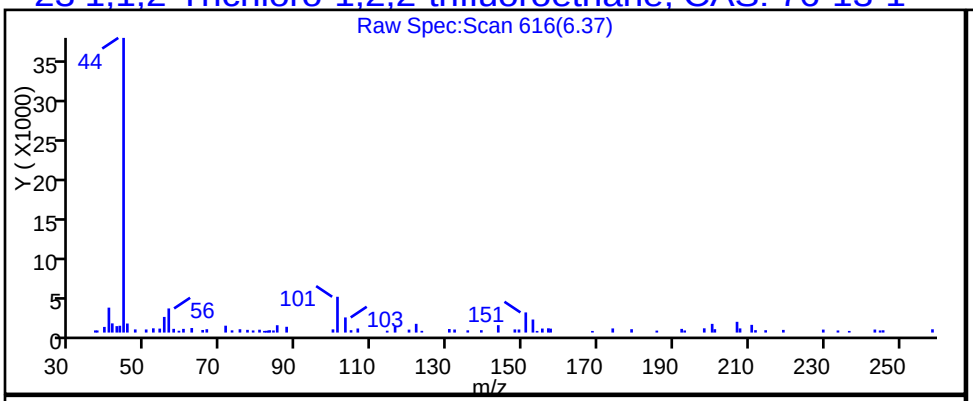
Report Date: 02-Feb-2015 08:44:45 Chrom Revision: 2.2 15-Jan-2015 13:05:58

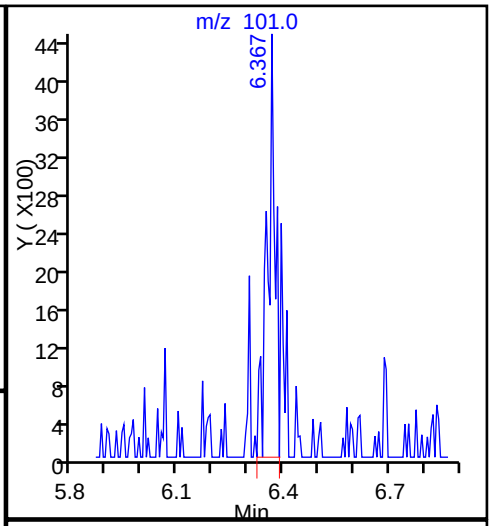
TestAmerica Burlington

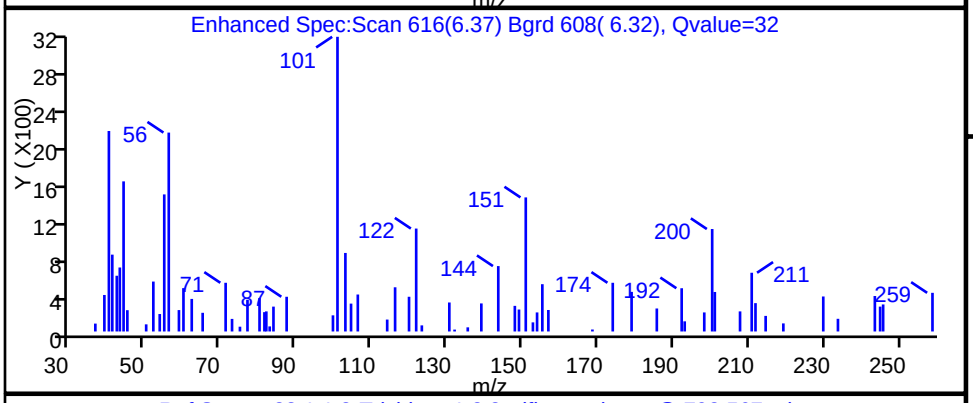
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D

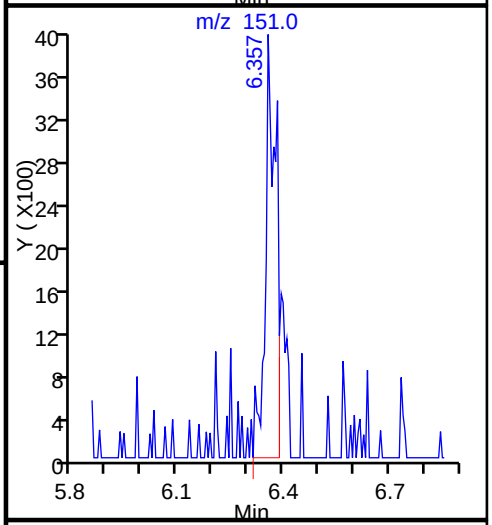
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

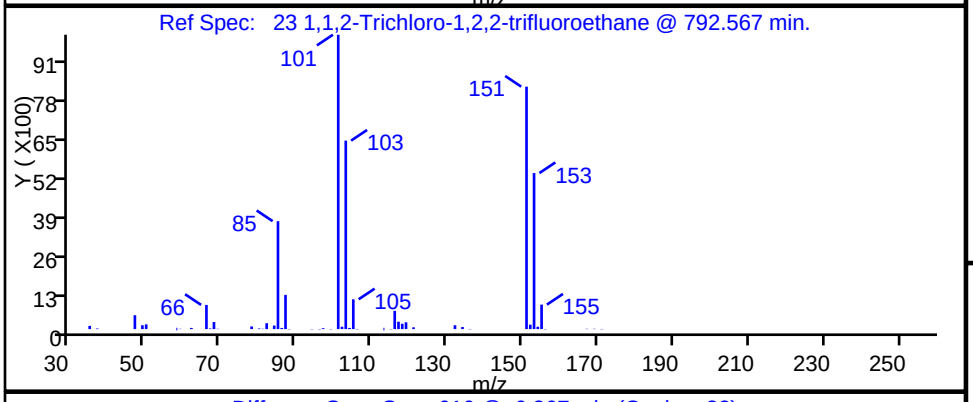
23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

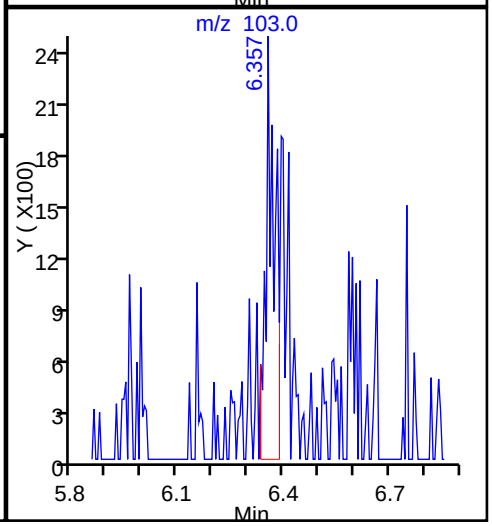


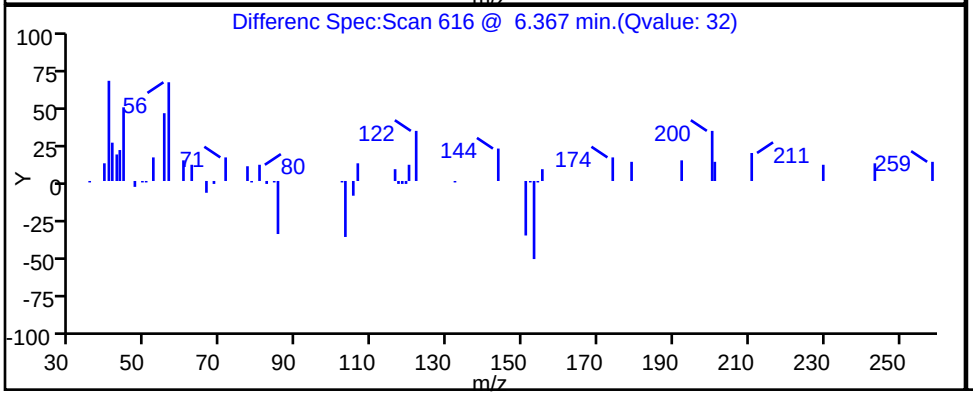












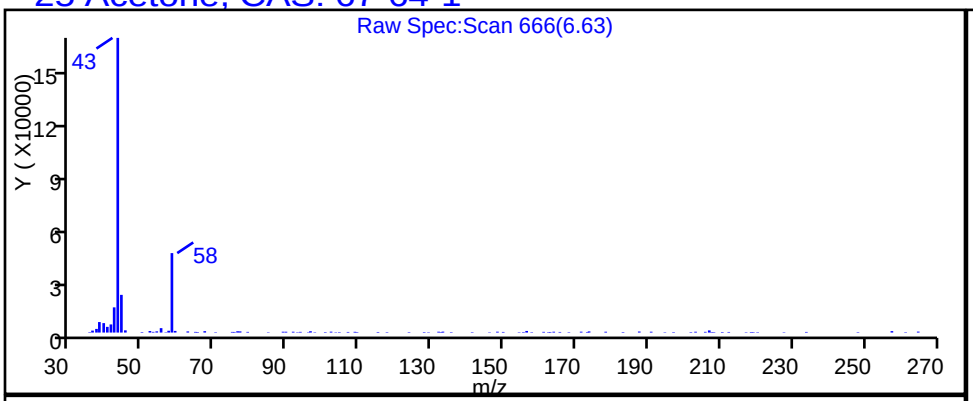
Report Date: 02-Feb-2015 08:44:45 Chrom Revision: 2.2 15-Jan-2015 13:05:58

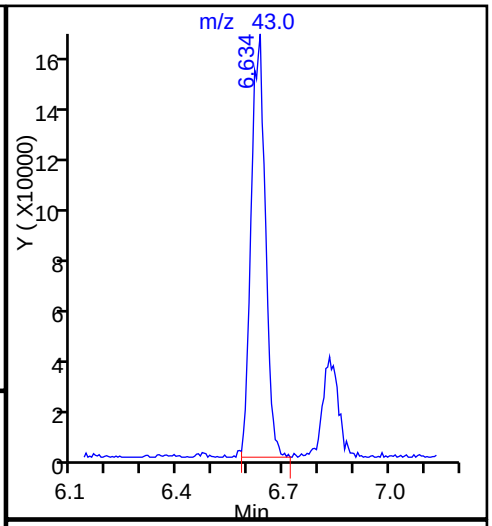
TestAmerica Burlington

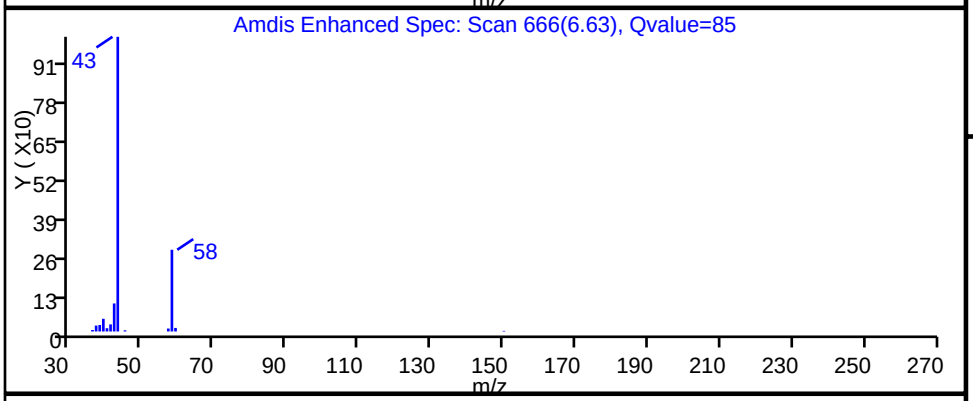
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D

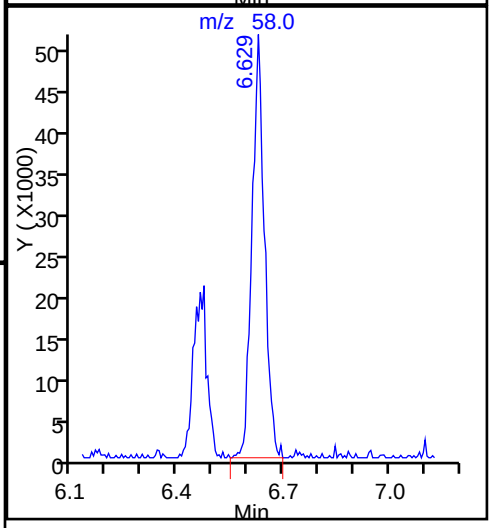
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14
Client ID:	776VMP0101MC		
Operator ID:	pad	ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

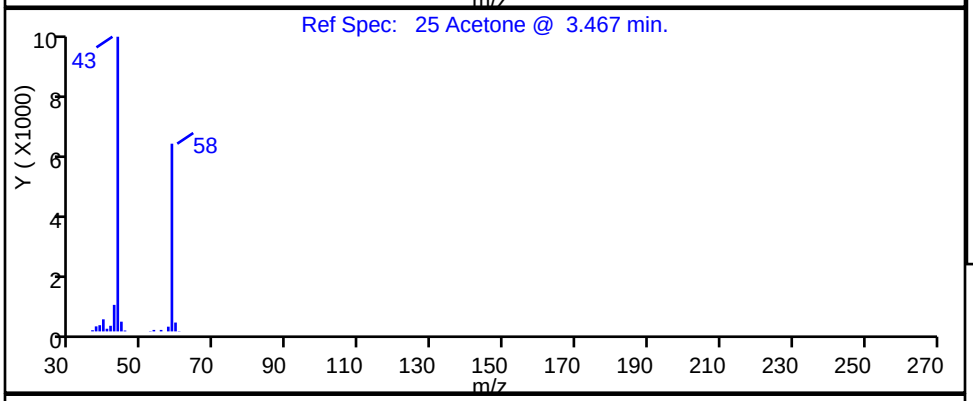
25 Acetone, CAS: 67-64-1

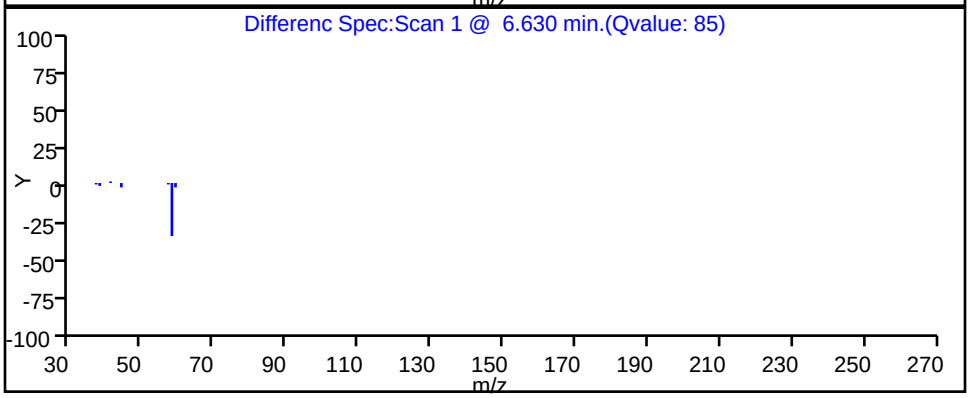








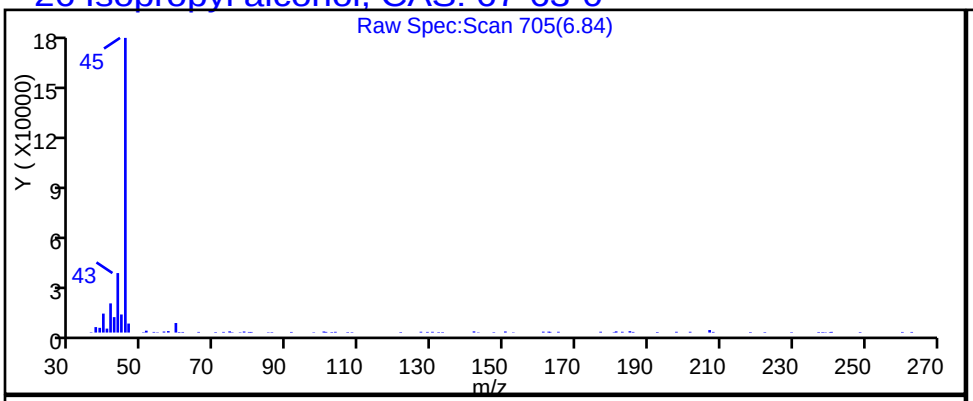


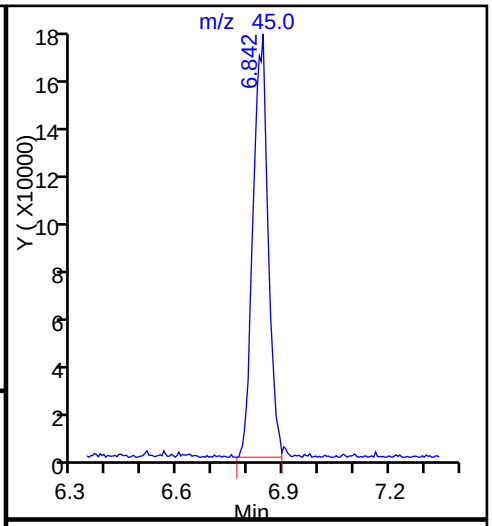


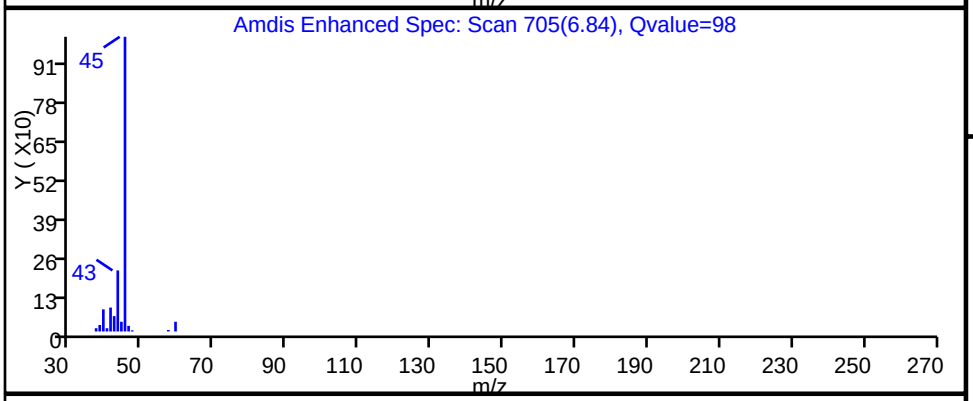
TestAmerica Burlington

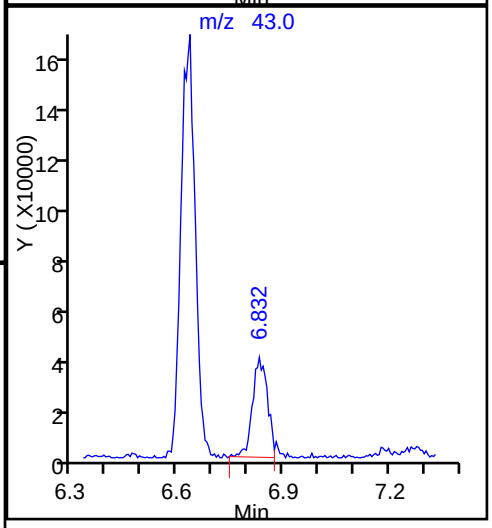
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

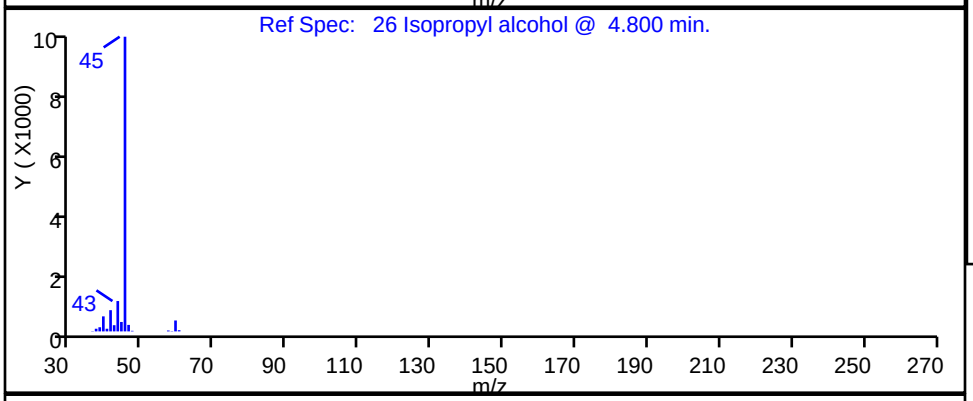
26 Isopropyl alcohol, CAS: 67-63-0

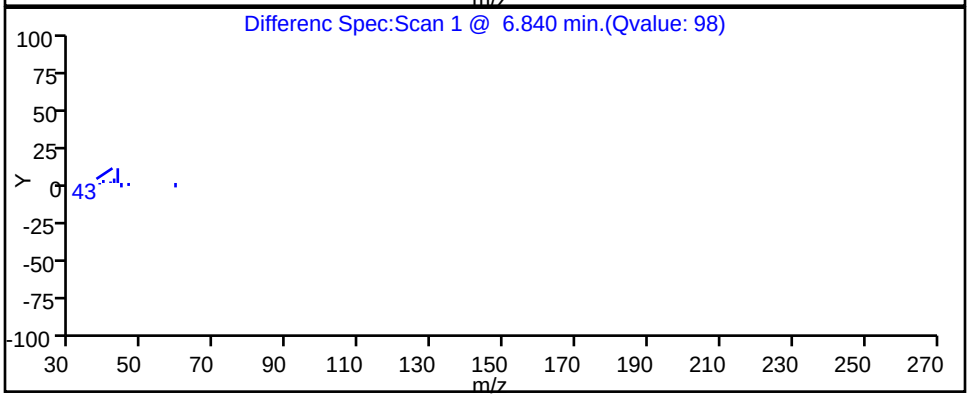








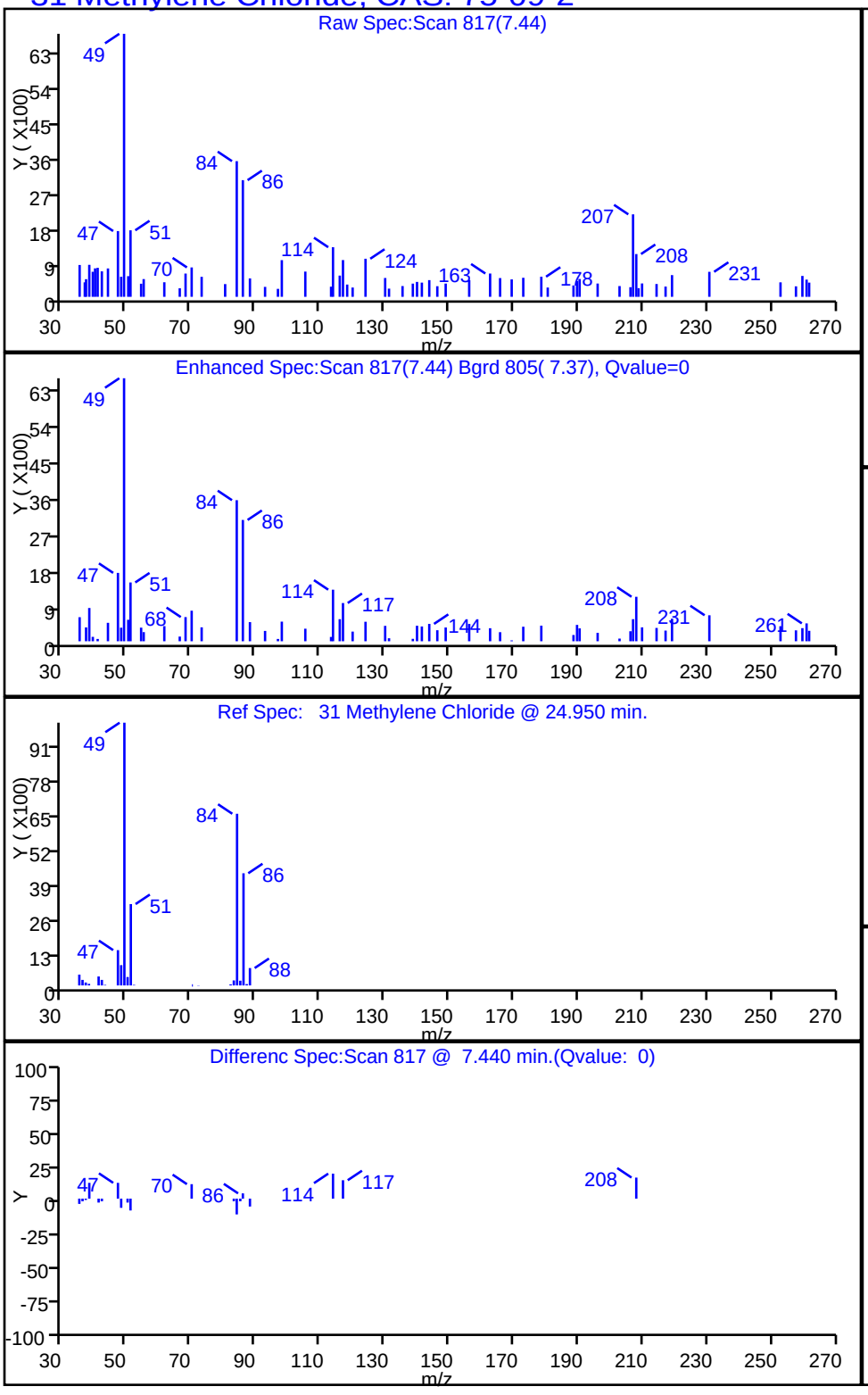


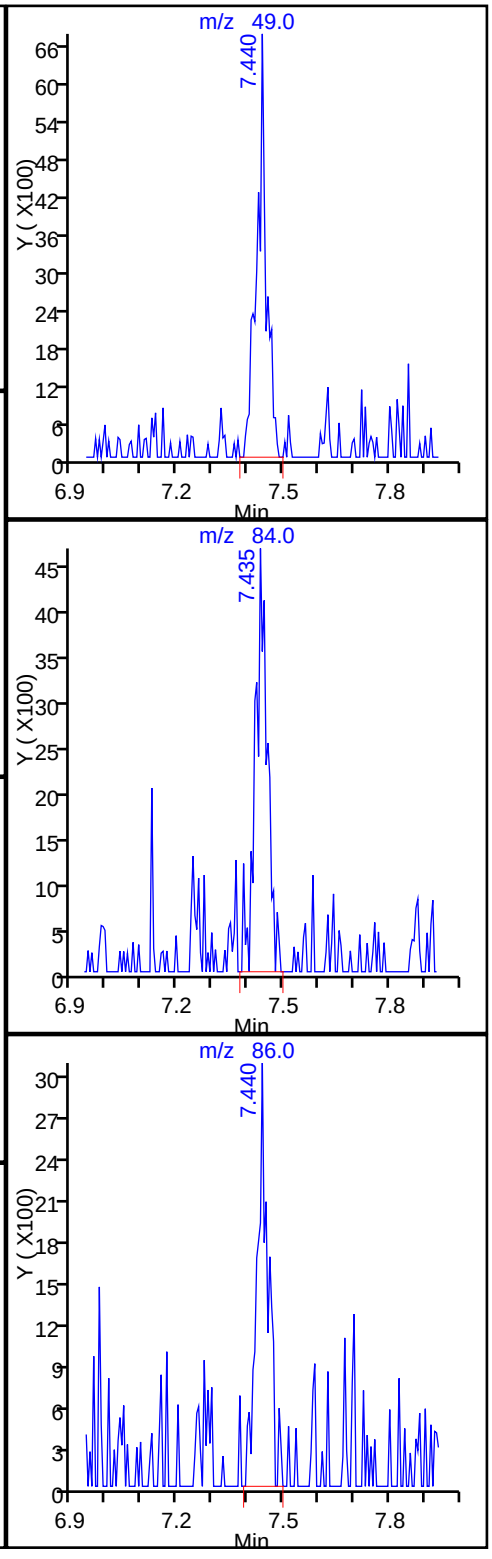


TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

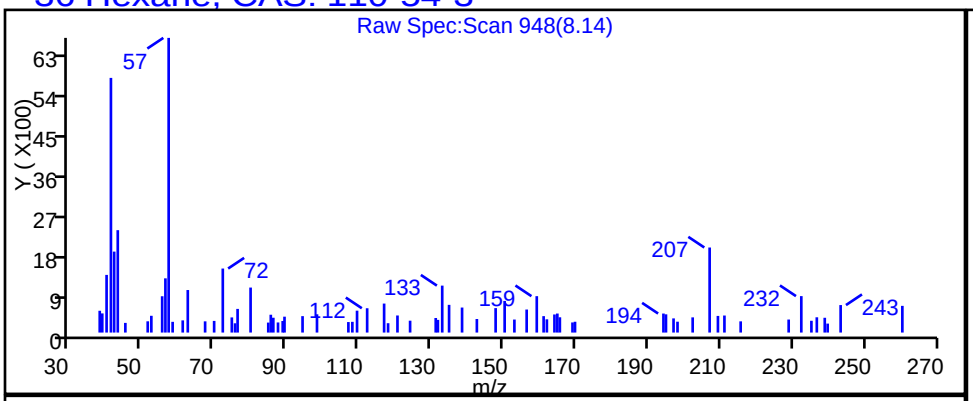


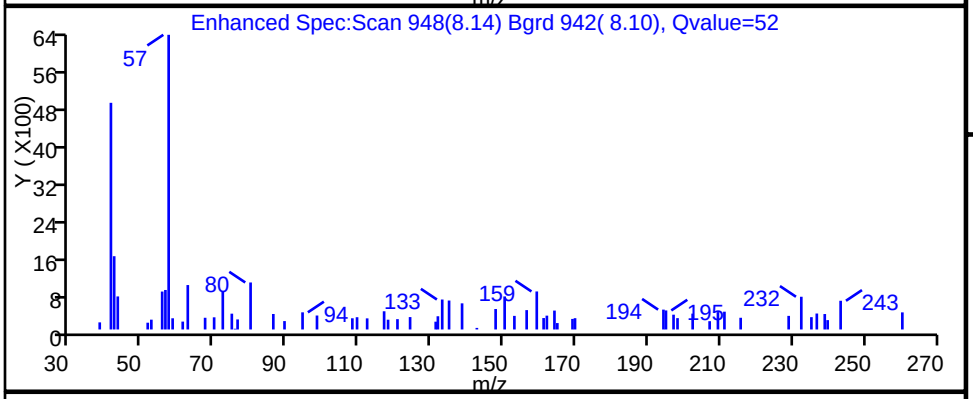


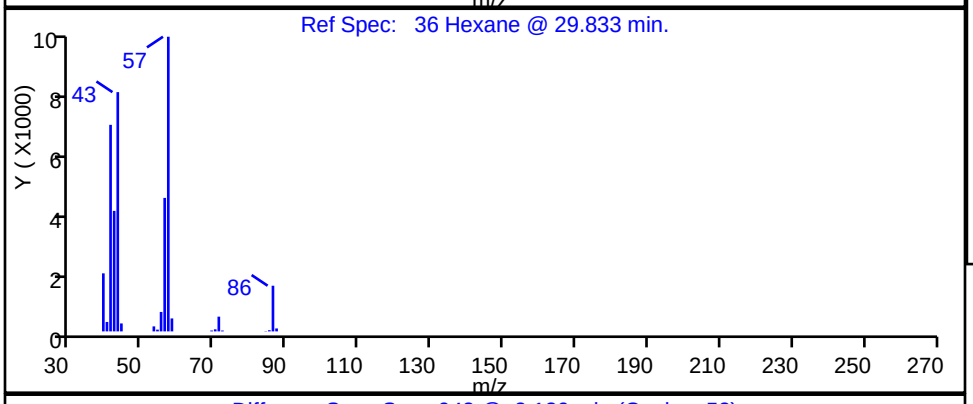
TestAmerica Burlington

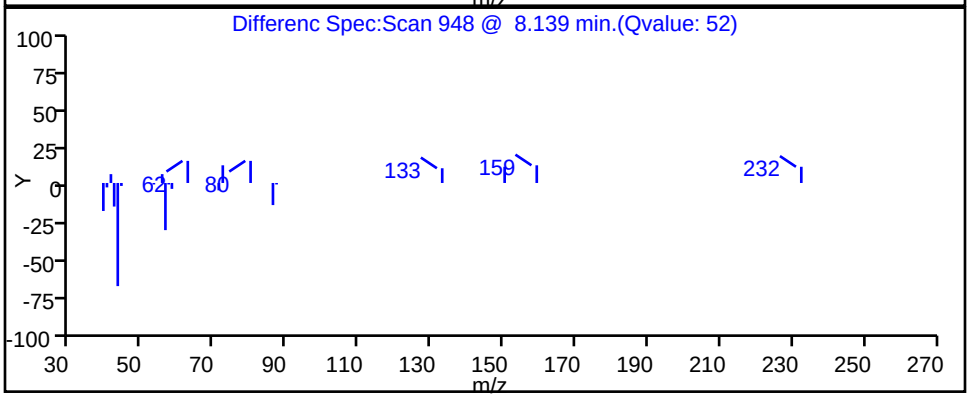
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

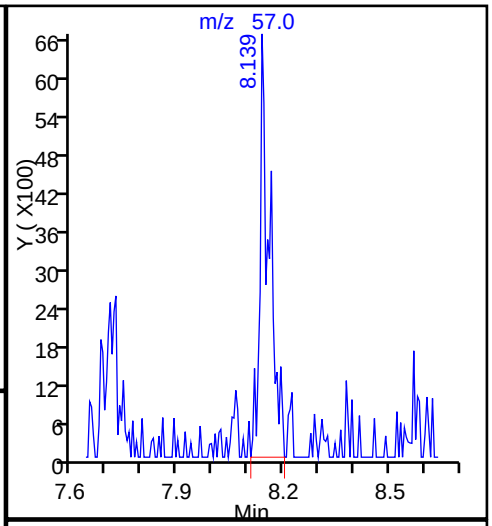
36 Hexane, CAS: 110-54-3

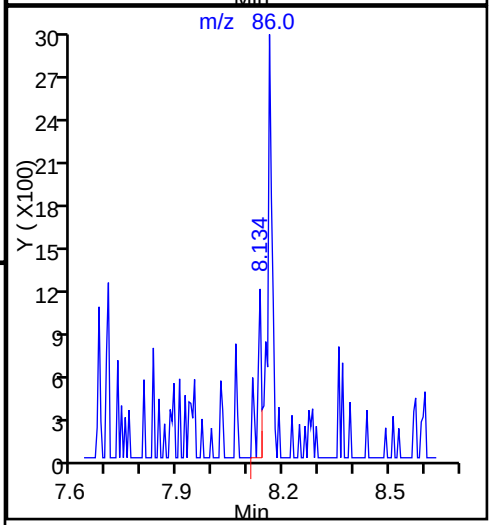












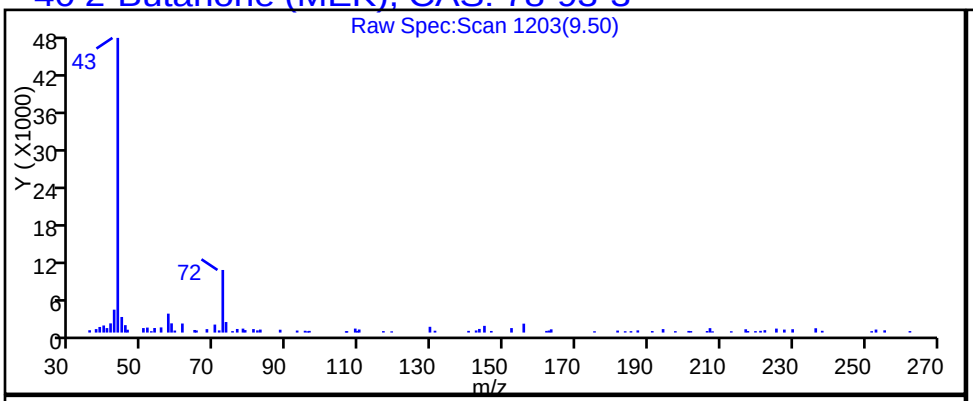
Report Date: 02-Feb-2015 08:44:45 Chrom Revision: 2.2 15-Jan-2015 13:05:58

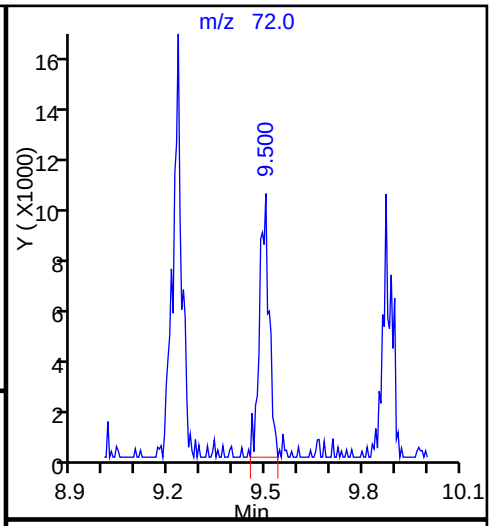
TestAmerica Burlington

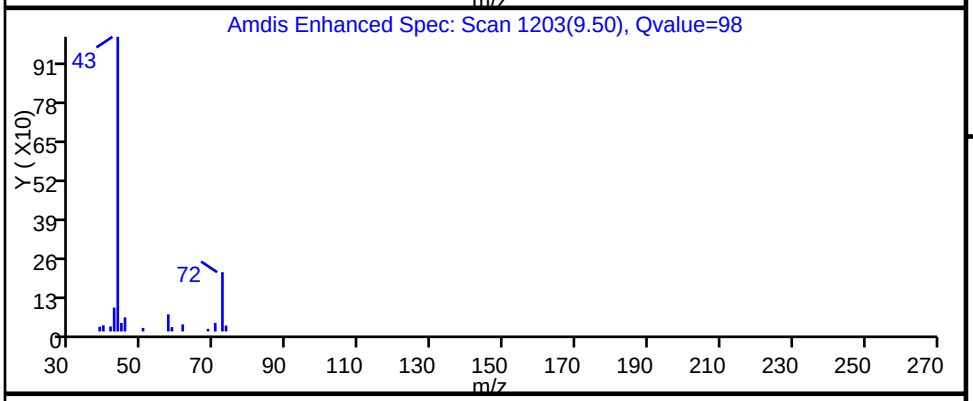
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D

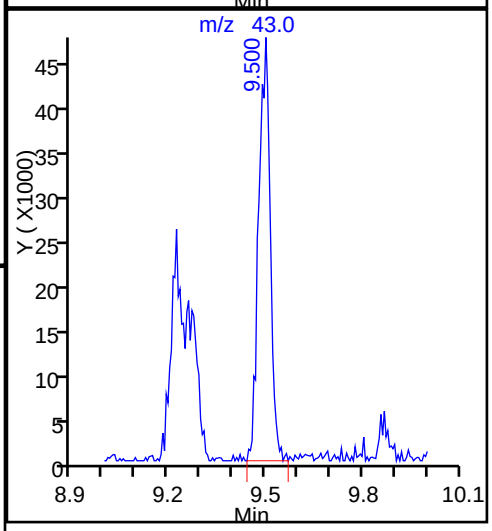
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14
Client ID:	776VMP0101MC		
Operator ID:	pad	ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

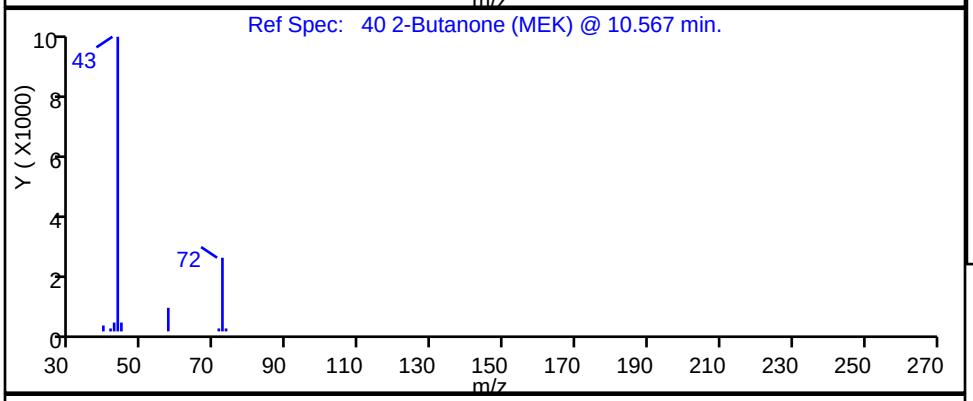
40 2-Butanone (MEK), CAS: 78-93-3

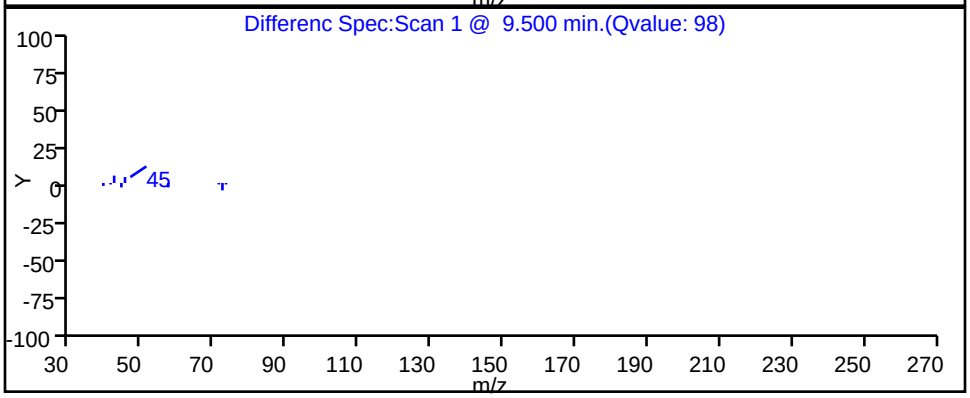












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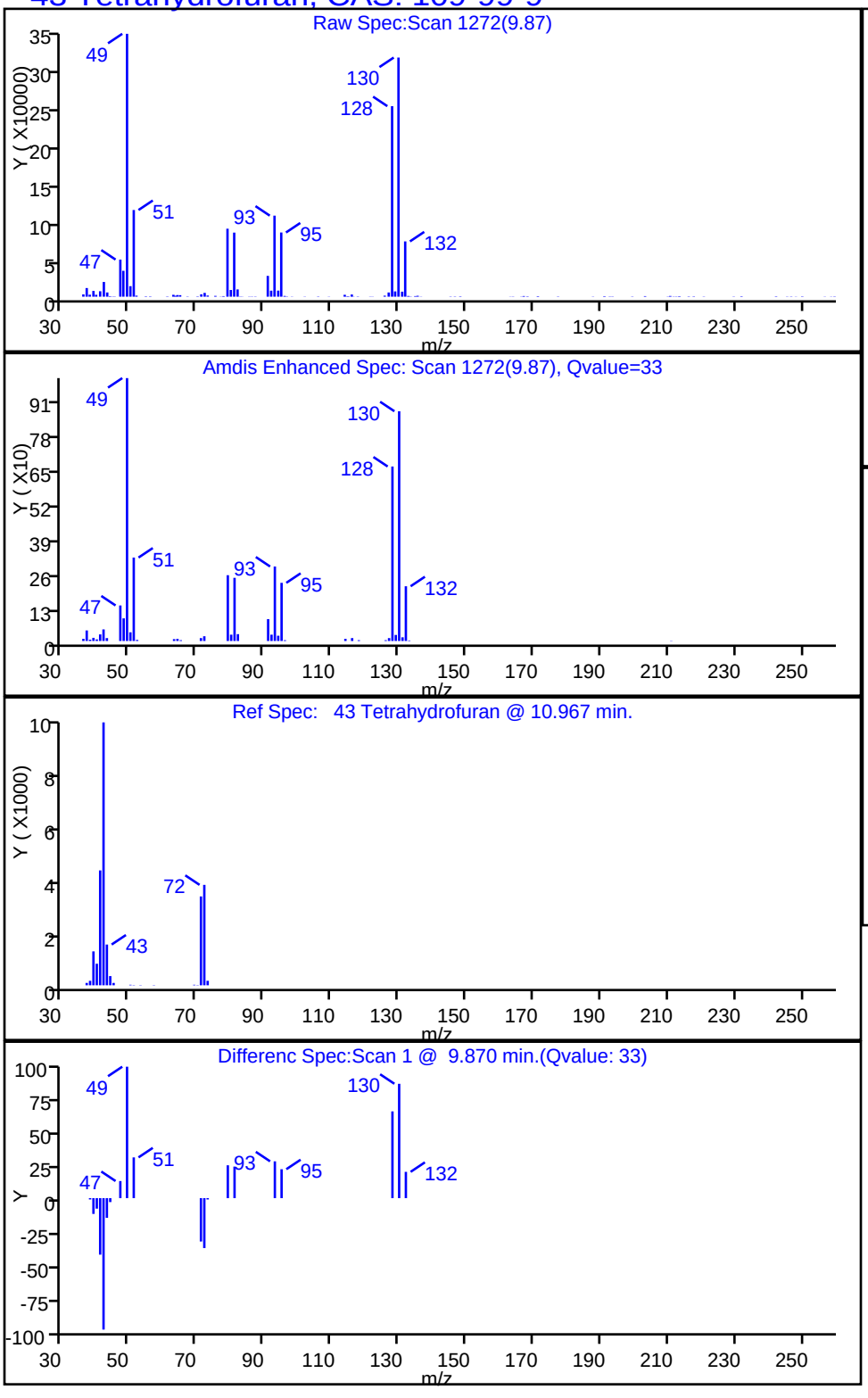
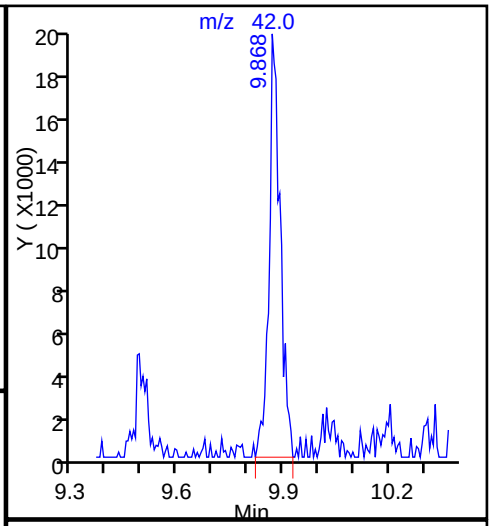
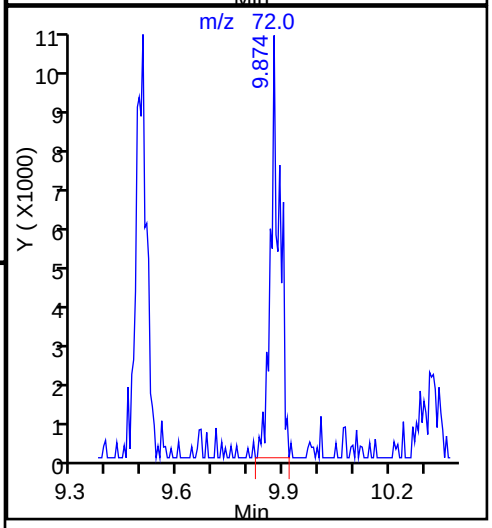
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Tetrahydrofuran, CAS: 109-99-9



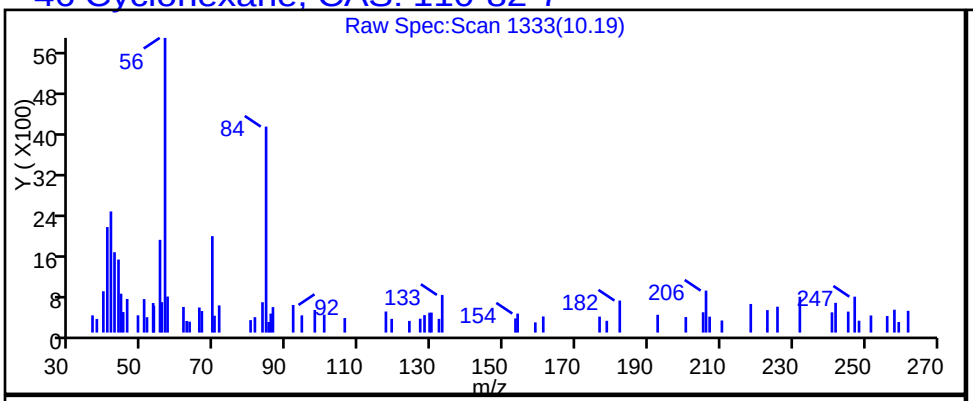


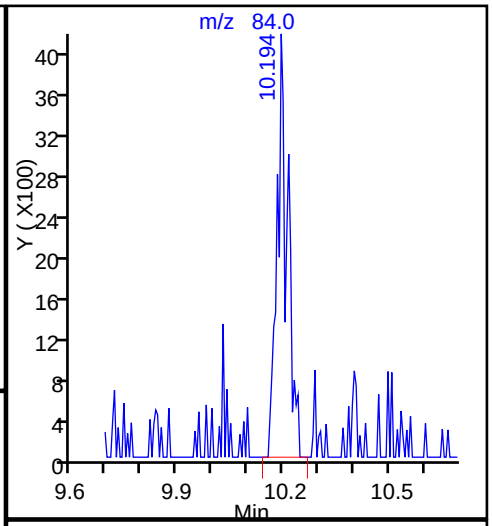


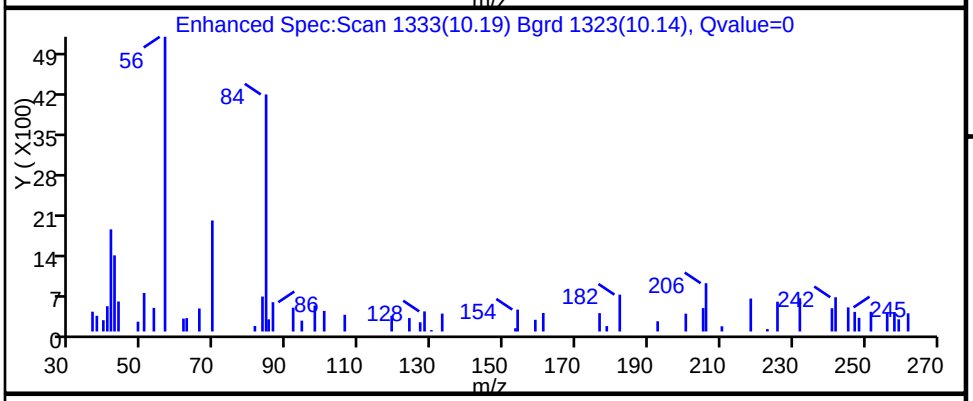
TestAmerica Burlington

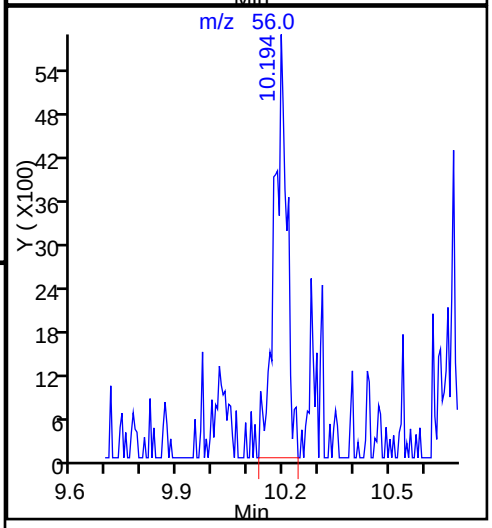
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

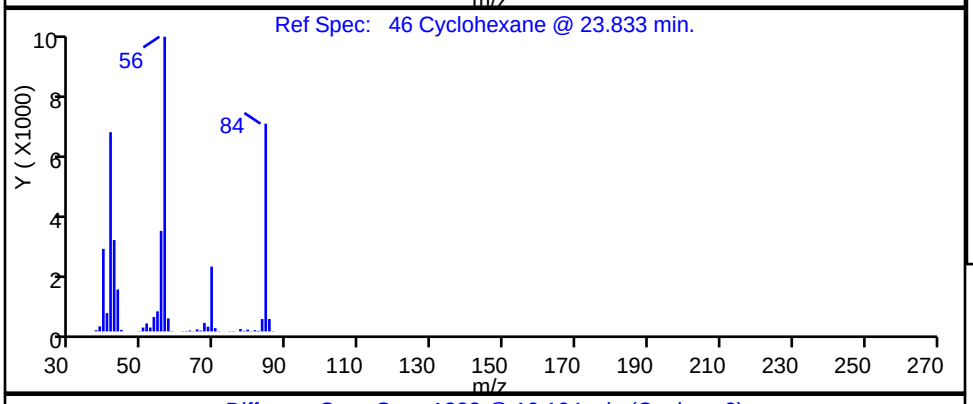
46 Cyclohexane, CAS: 110-82-7

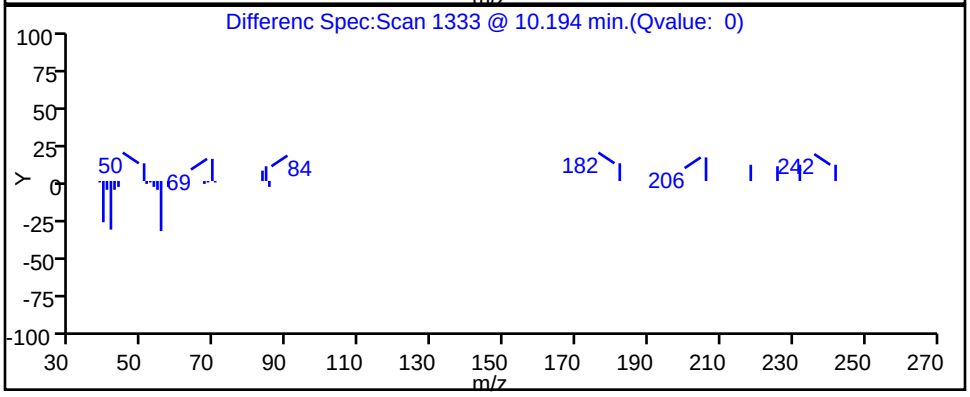












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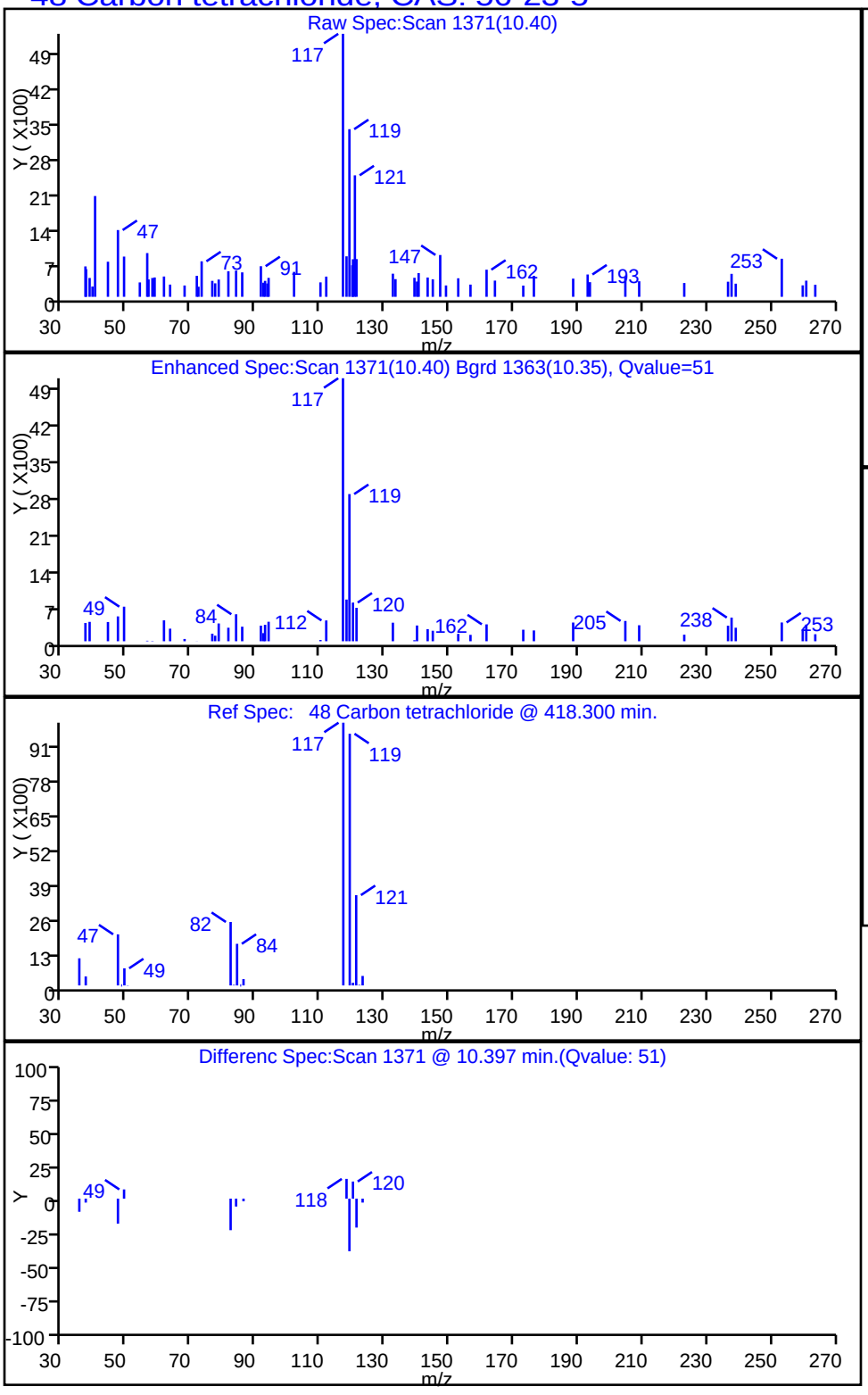
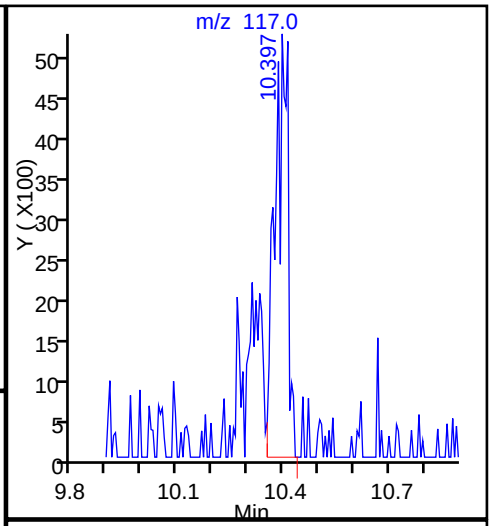
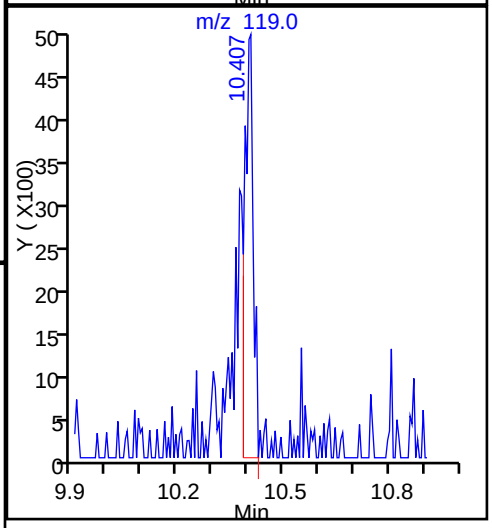
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 Carbon tetrachloride, CAS: 56-23-5







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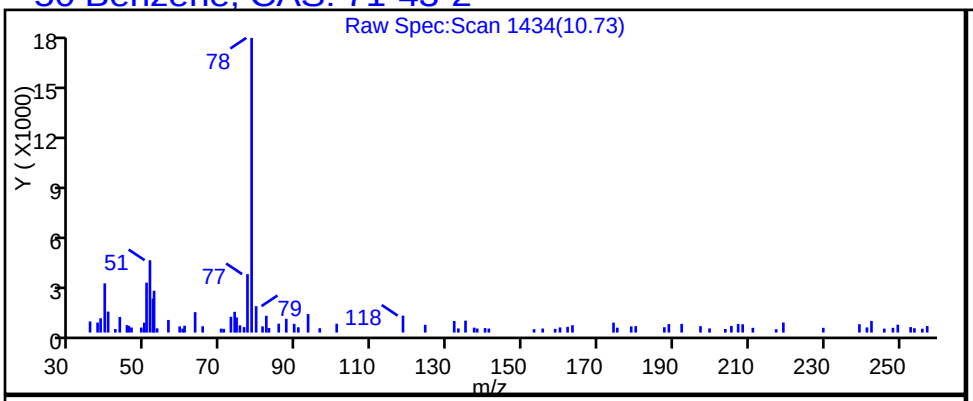
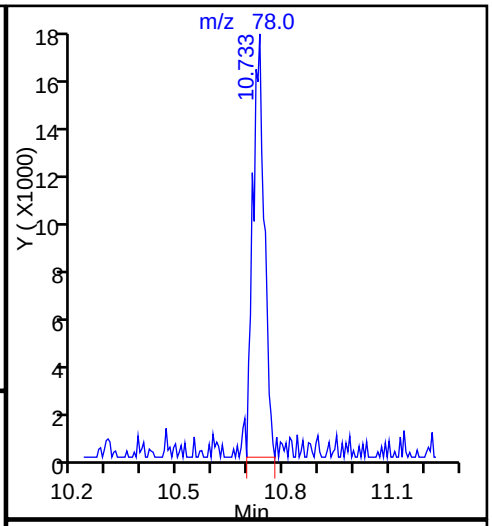
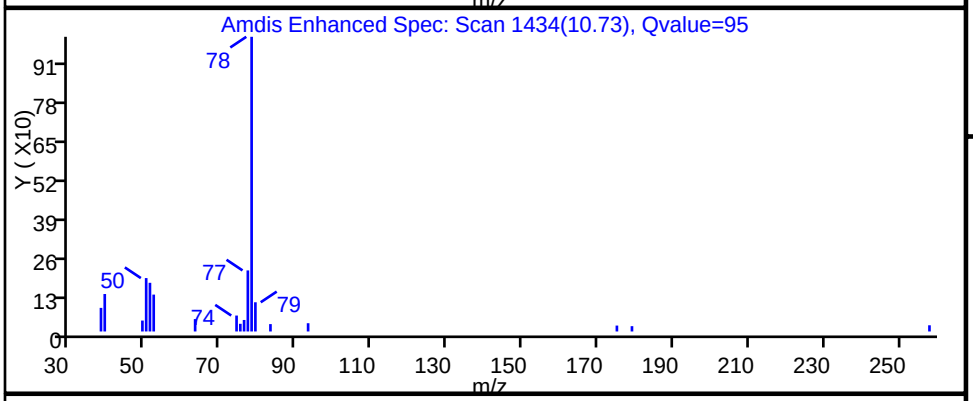
TestAmerica Burlington

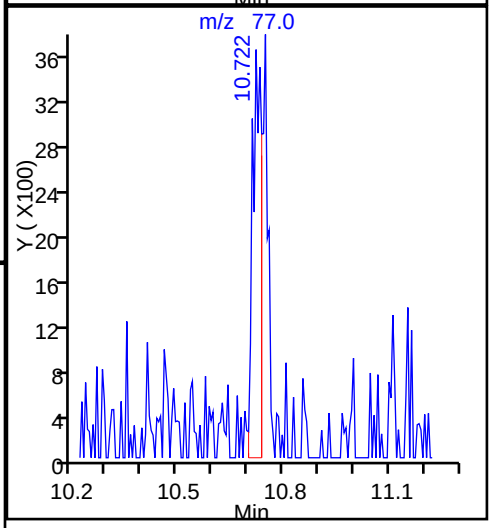
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

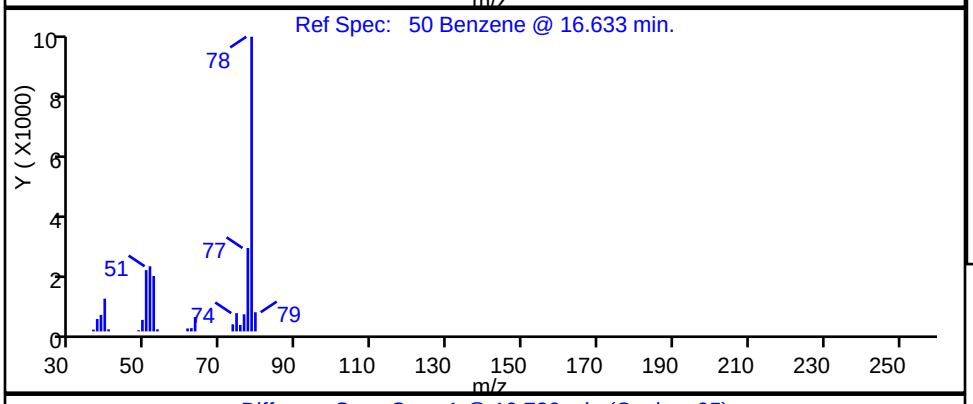
50 Benzene, CAS: 71-43-2

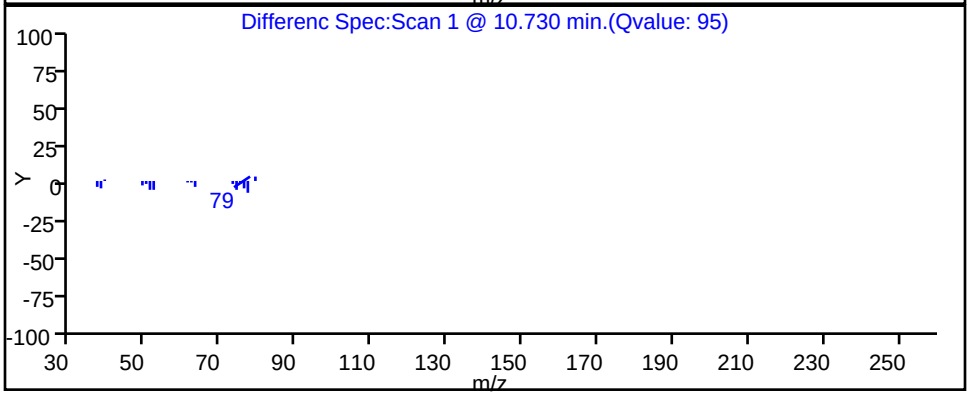












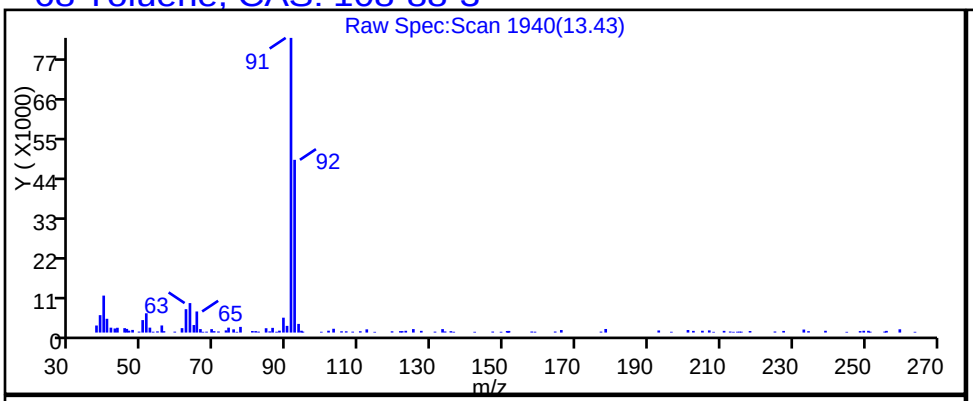
Report Date: 02-Feb-2015 08:44:45 Chrom Revision: 2.2 15-Jan-2015 13:05:58

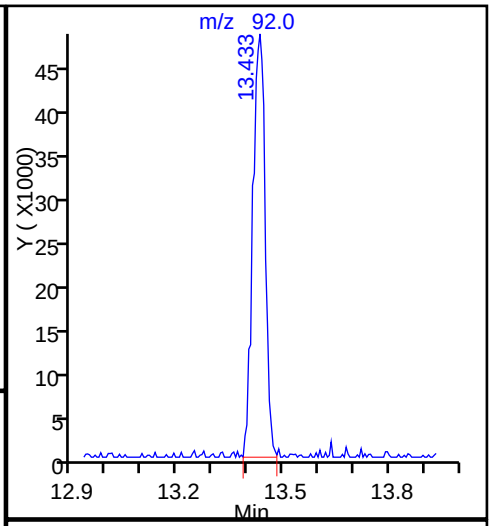
TestAmerica Burlington

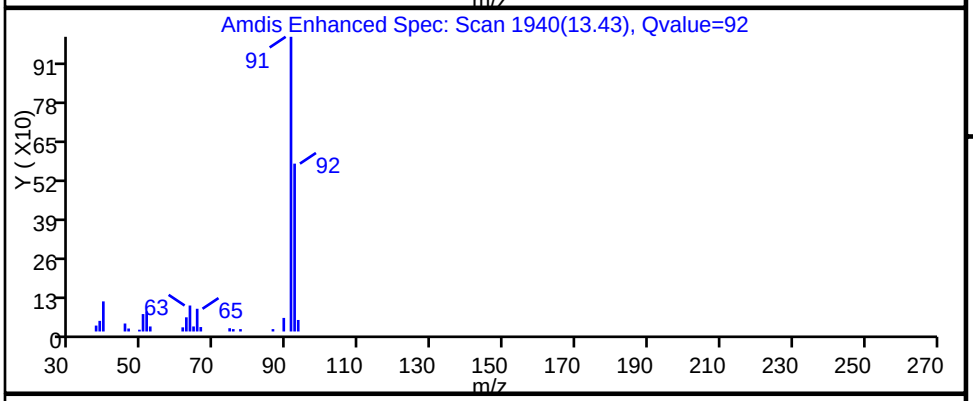
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D

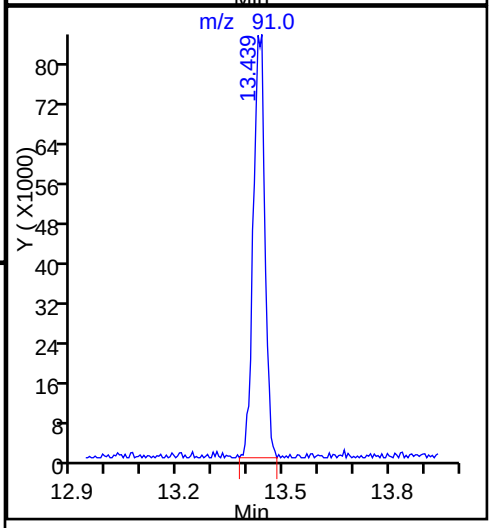
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

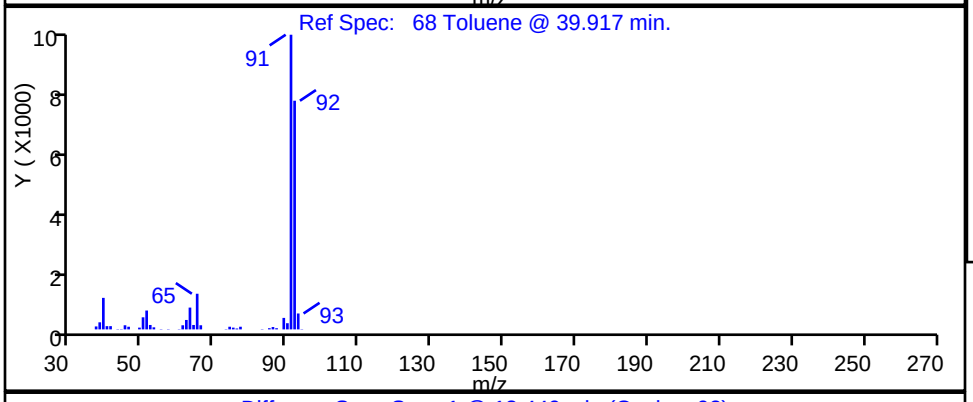
68 Toluene, CAS: 108-88-3

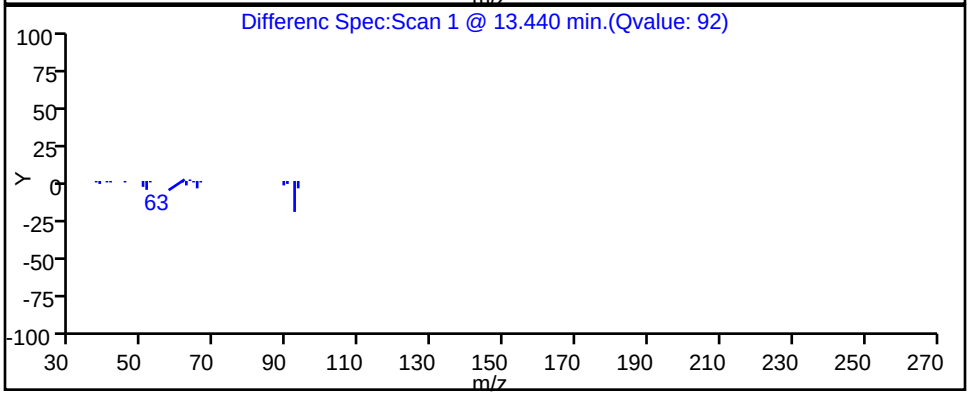












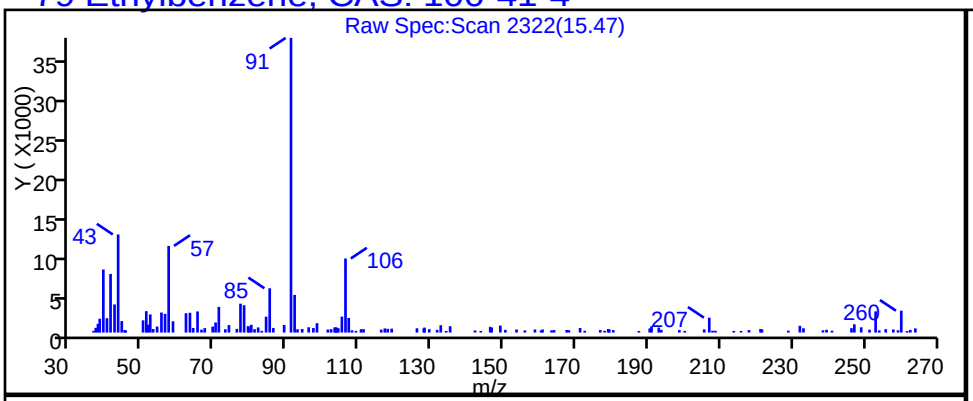
Report Date: 02-Feb-2015 08:44:45 Chrom Revision: 2.2 15-Jan-2015 13:05:58

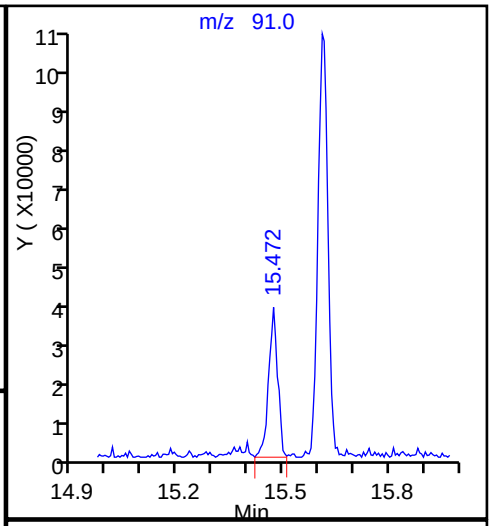
TestAmerica Burlington

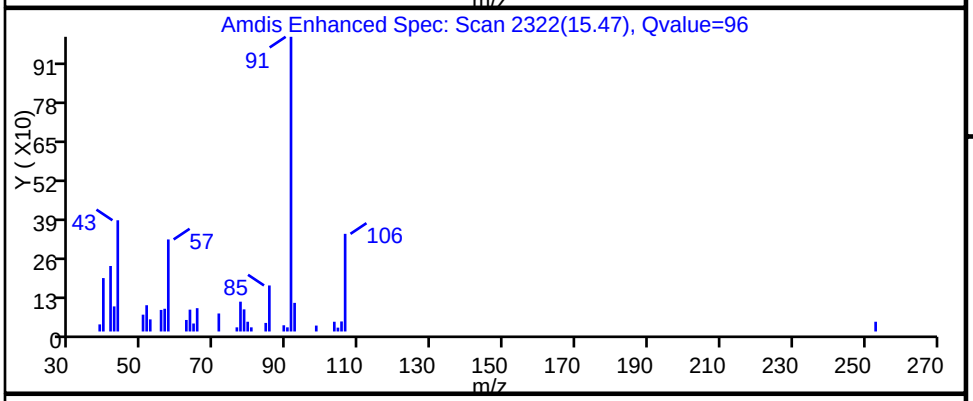
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D

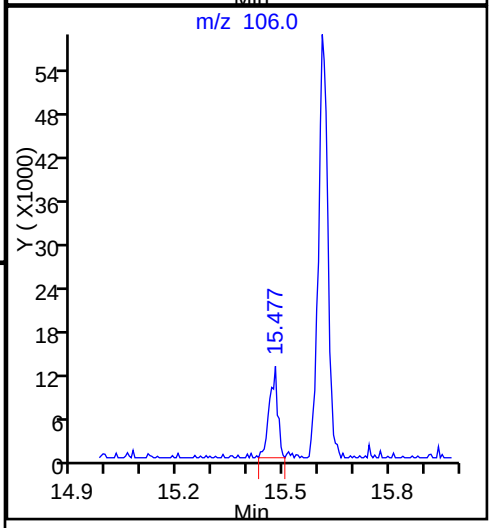
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14
Client ID:	776VMP0101MC		
Operator ID:	pad	ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

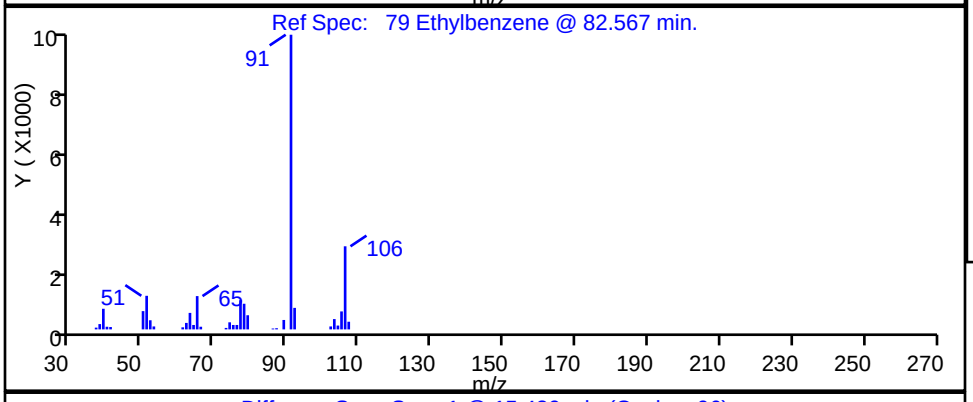
79 Ethylbenzene, CAS: 100-41-4

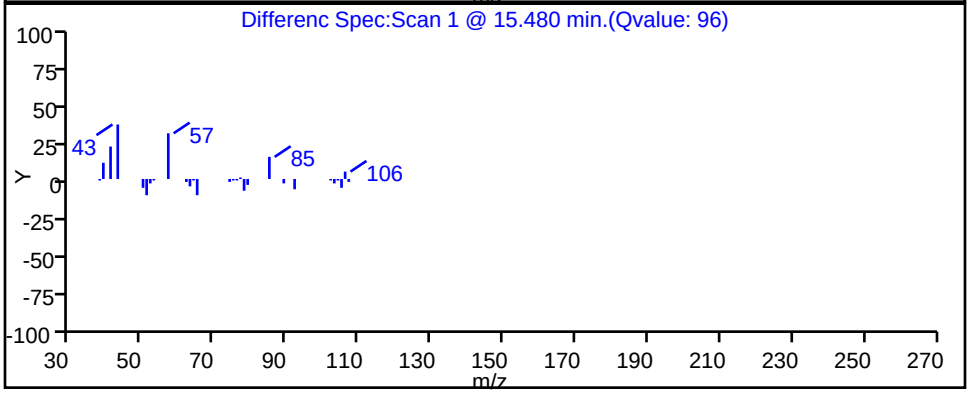








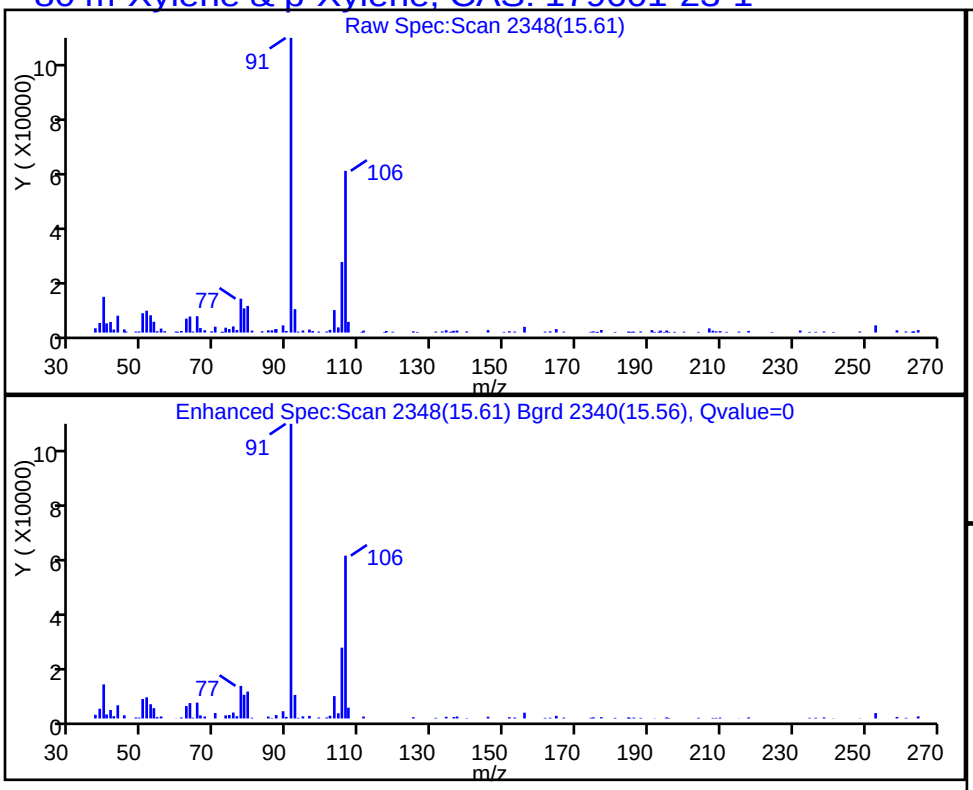


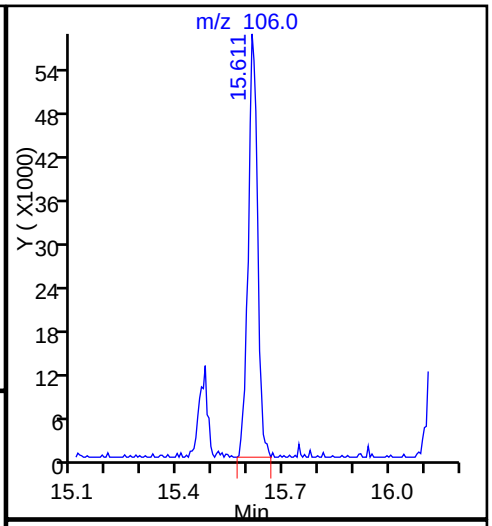


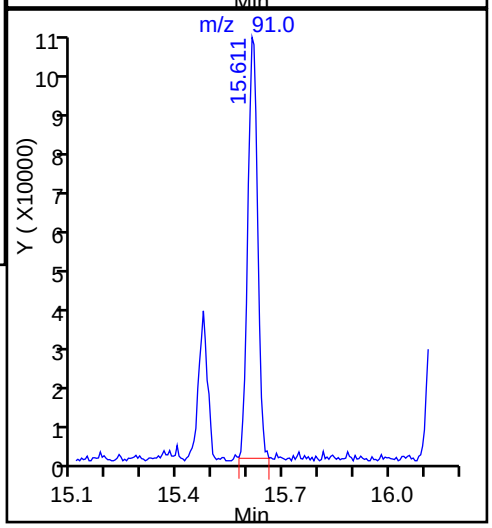
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 m-Xylene & p-Xylene, CAS: 179601-23-1







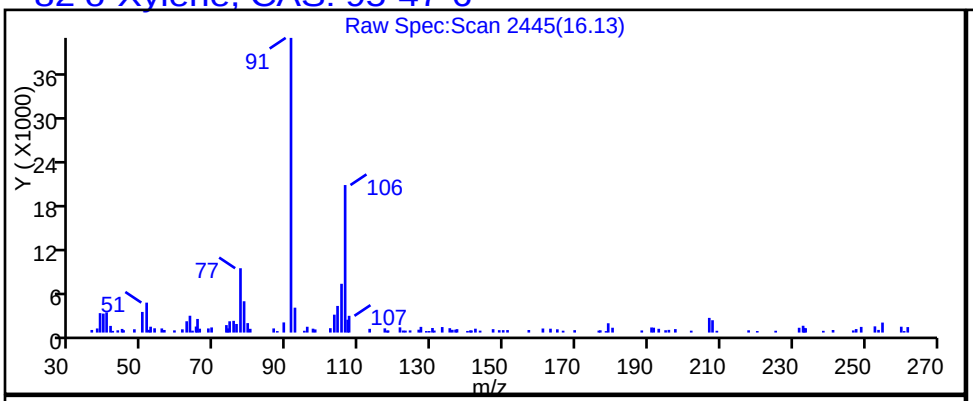
Report Date: 02-Feb-2015 08:44:45 Chrom Revision: 2.2 15-Jan-2015 13:05:58

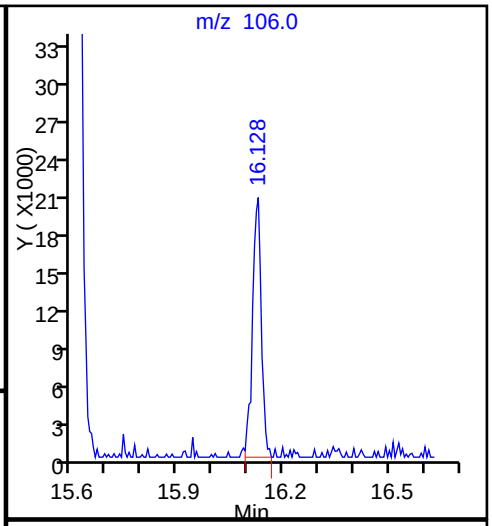
TestAmerica Burlington

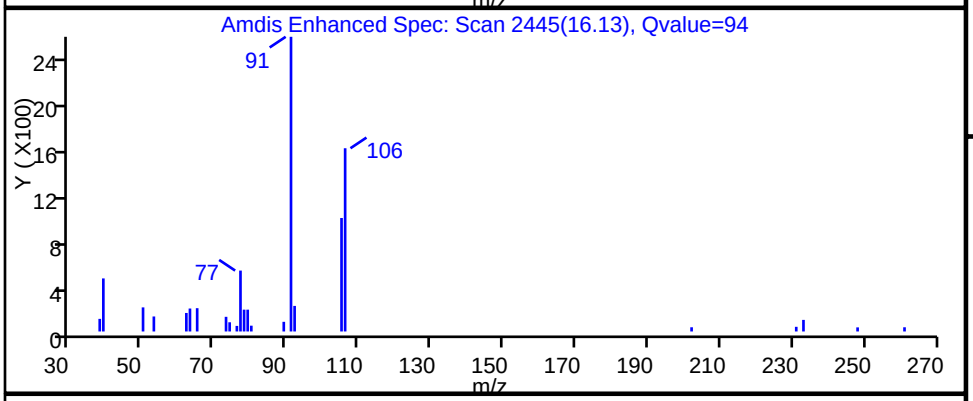
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D

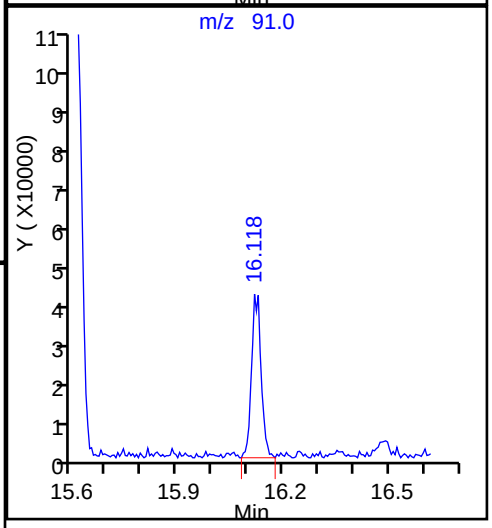
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

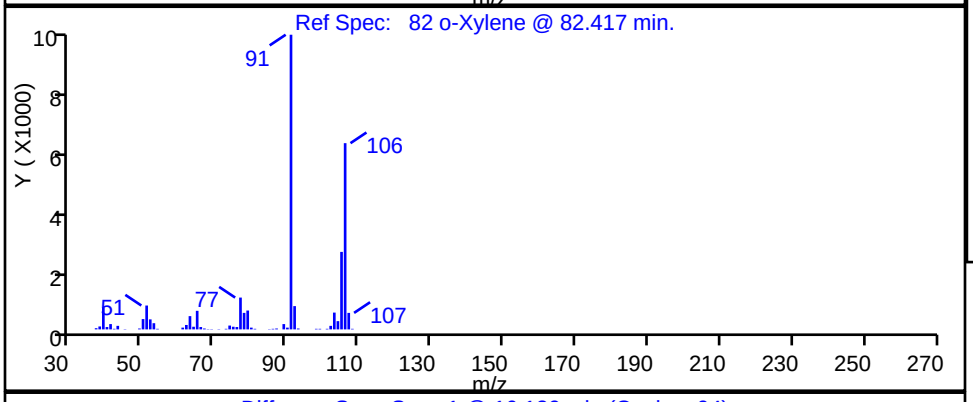
82 o-Xylene, CAS: 95-47-6

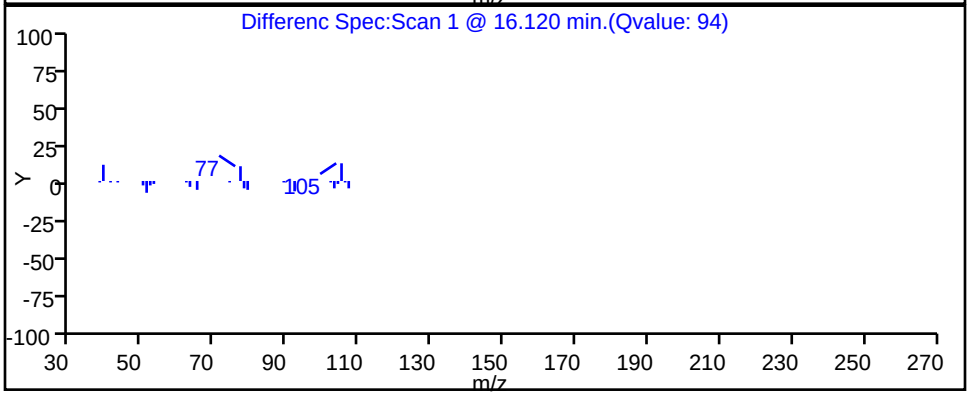










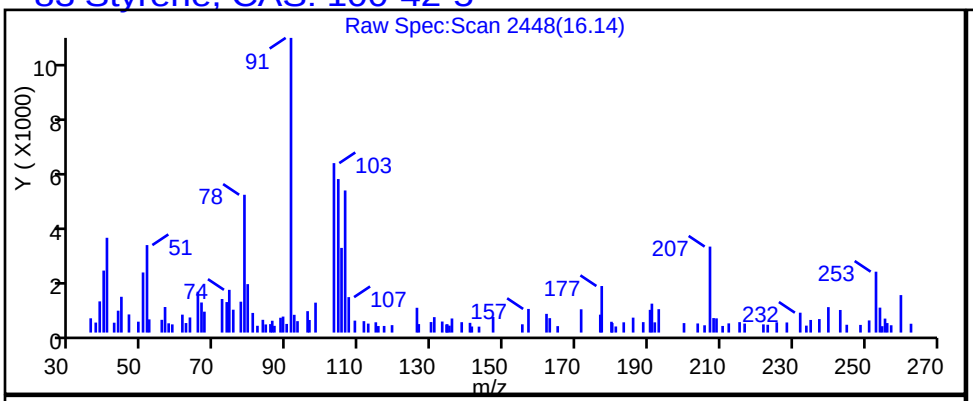


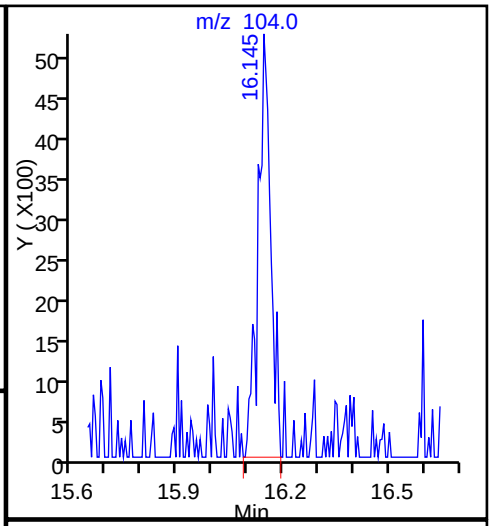
Report Date: 02-Feb-2015 08:44:45 Chrom Revision: 2.2 15-Jan-2015 13:05:58

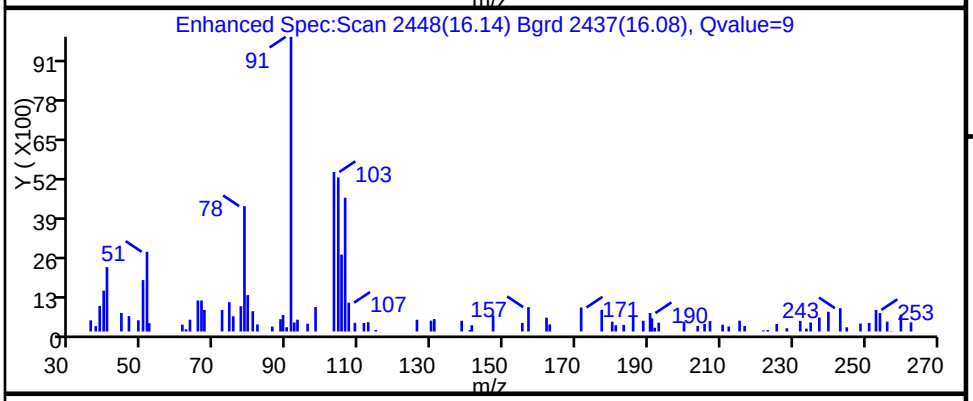
TestAmerica Burlington

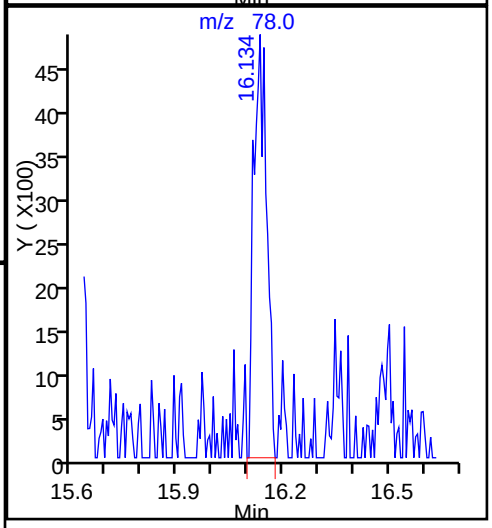
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D		
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14
Client ID:	776VMP0101MC		
Operator ID:	pad	ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

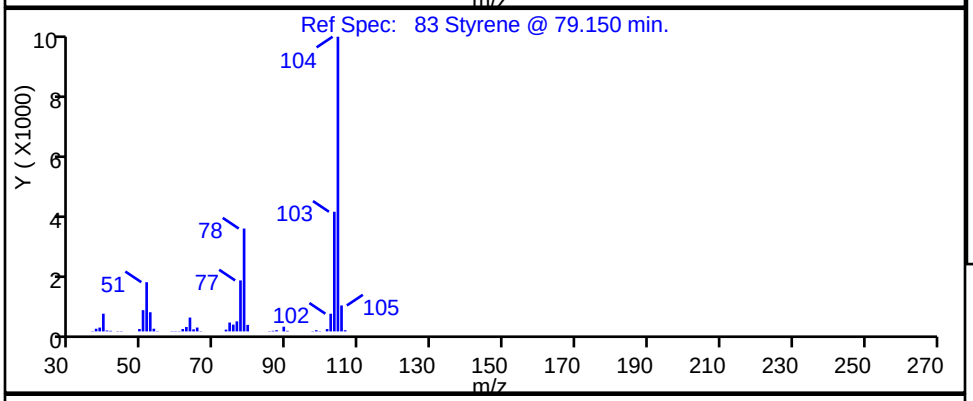
83 Styrene, CAS: 100-42-5

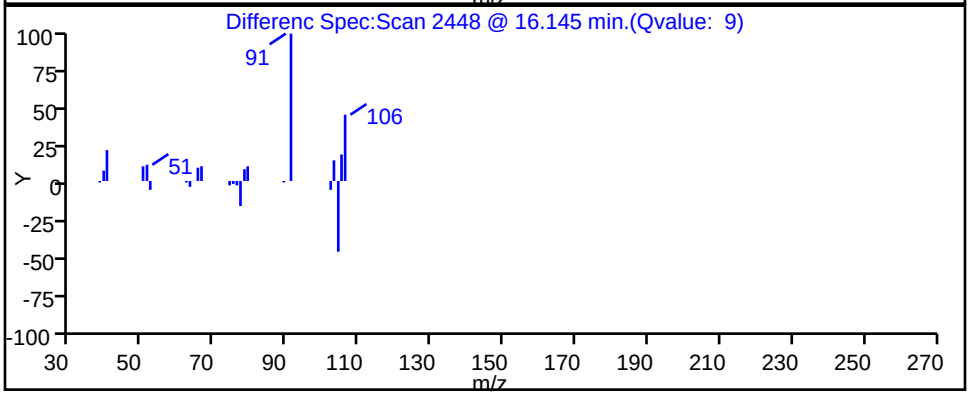






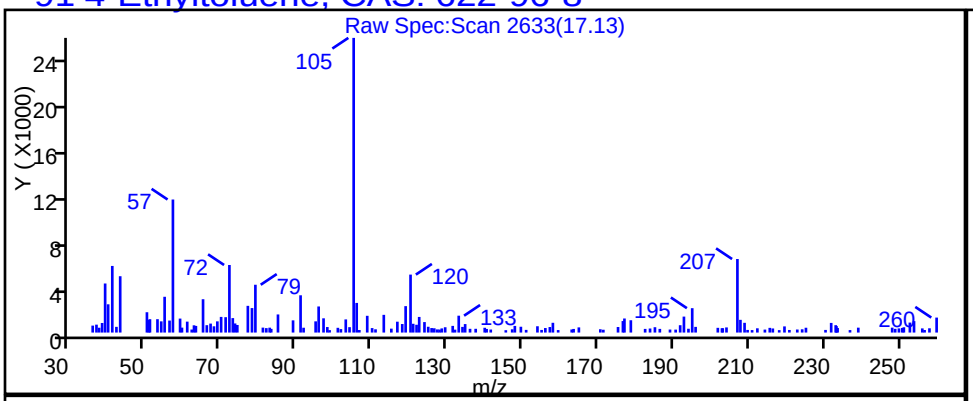


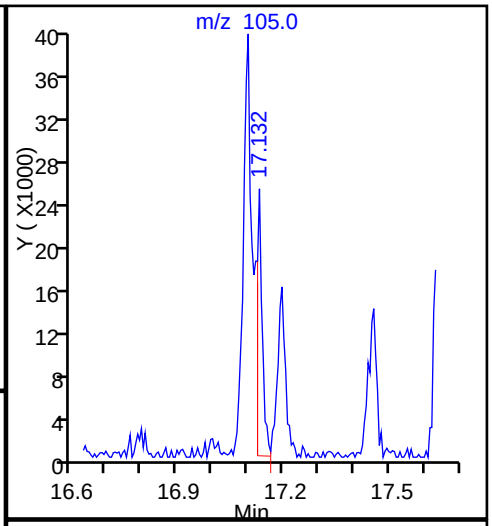


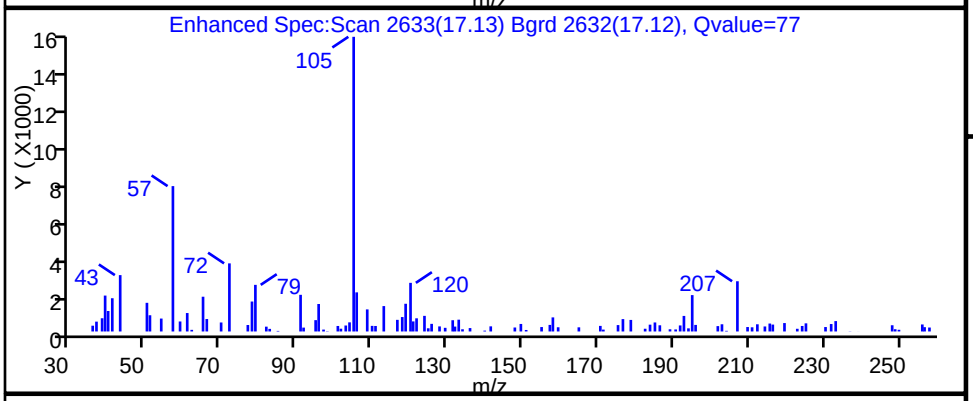


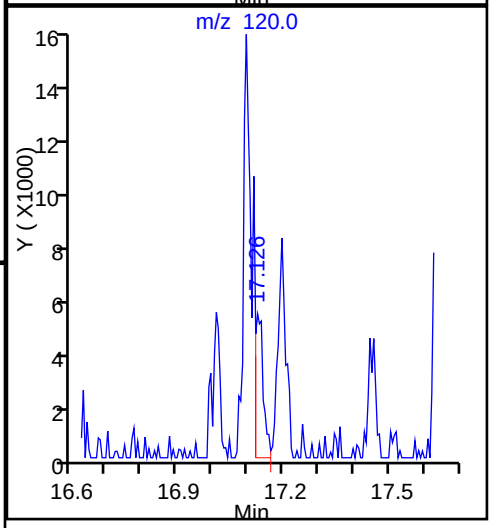
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

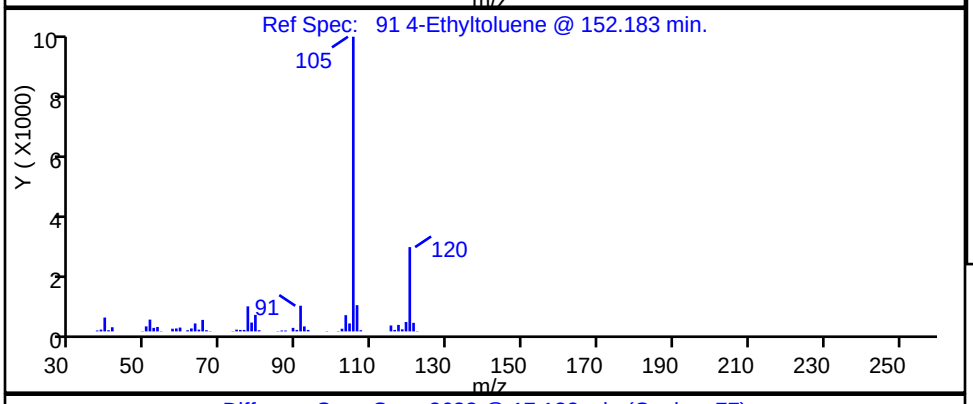
91 4-Ethyltoluene, CAS: 622-96-8

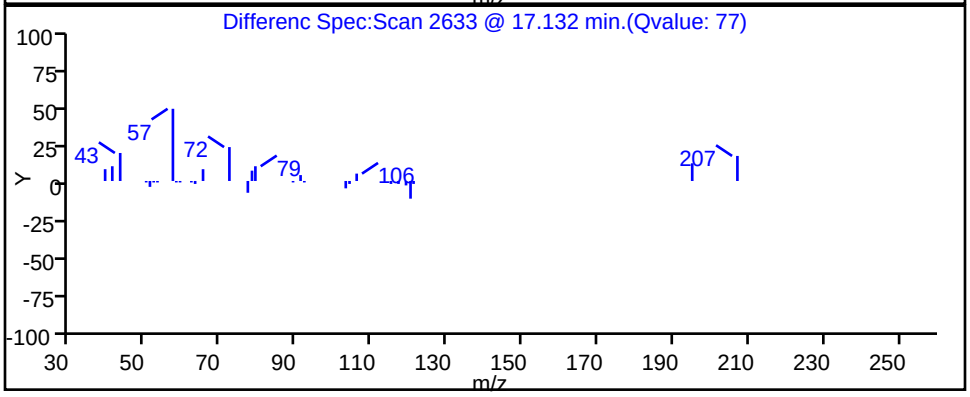










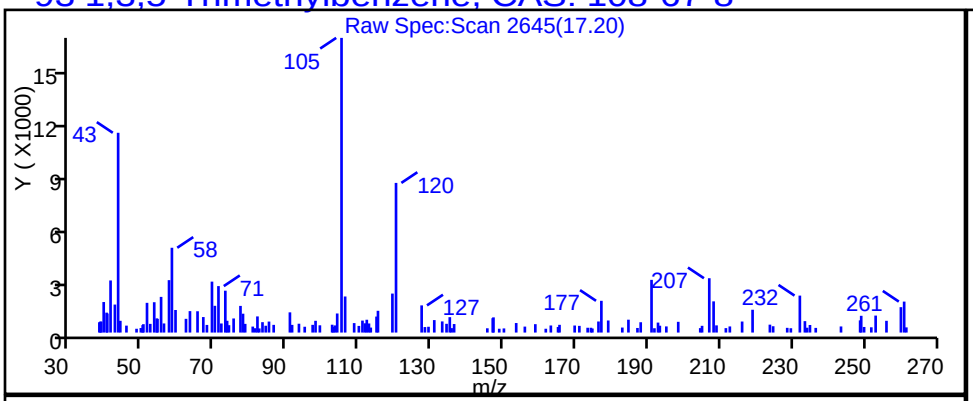


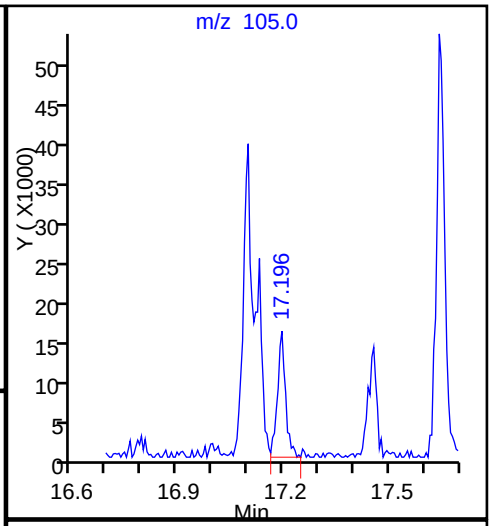
Report Date: 02-Feb-2015 08:44:45 Chrom Revision: 2.2 15-Jan-2015 13:05:58

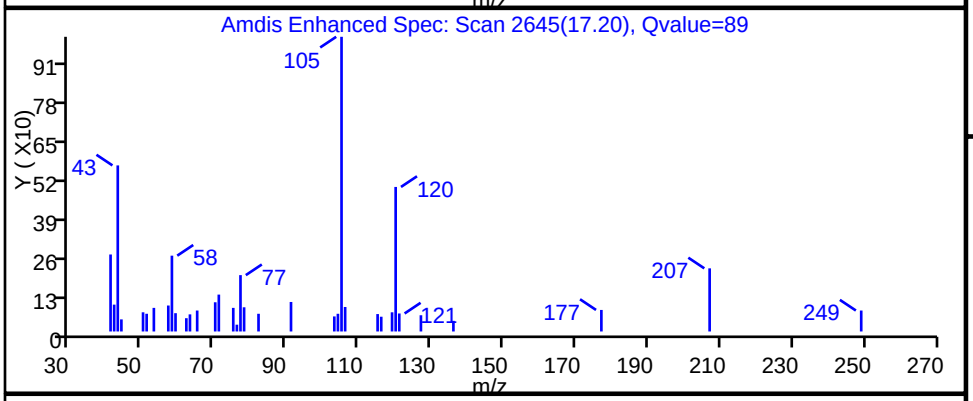
TestAmerica Burlington

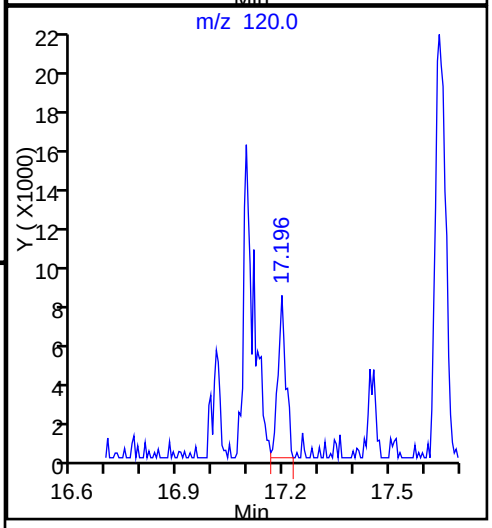
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

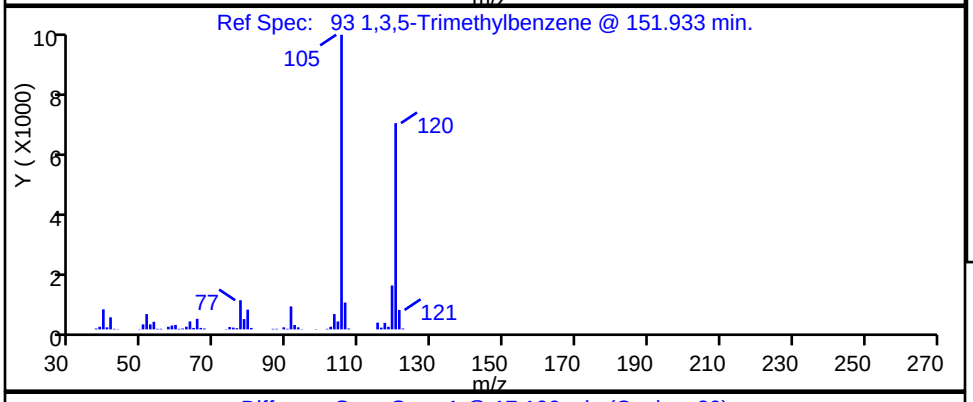
93 1,3,5-Trimethylbenzene, CAS: 108-67-8

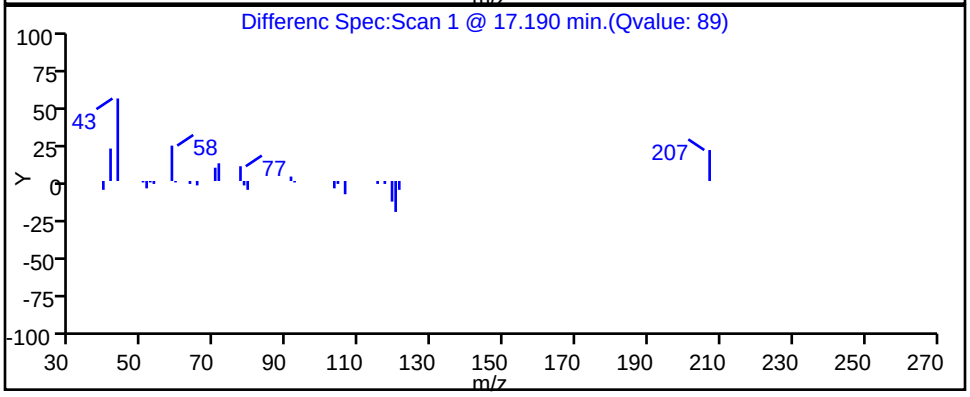










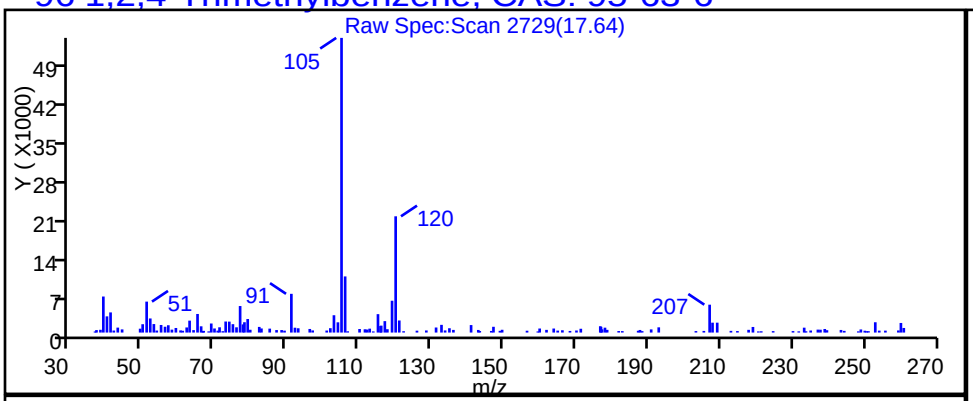


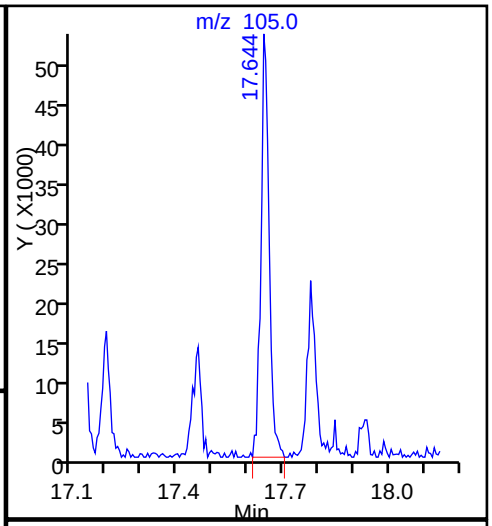
Report Date: 02-Feb-2015 08:44:45 Chrom Revision: 2.2 15-Jan-2015 13:05:58

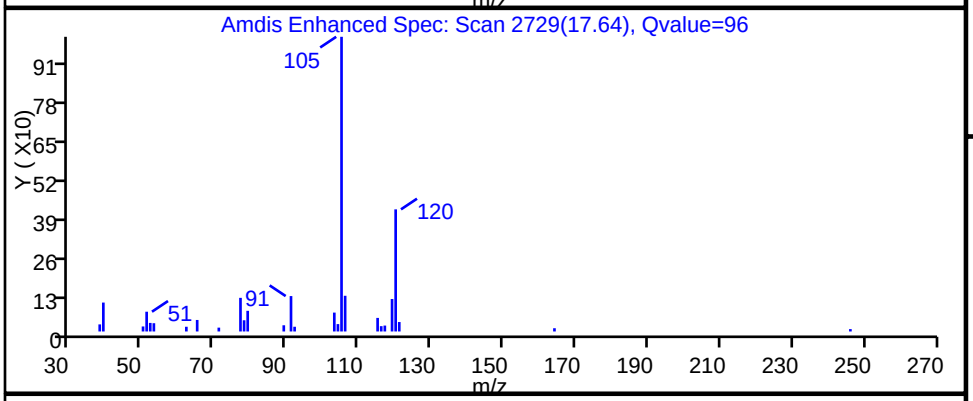
TestAmerica Burlington

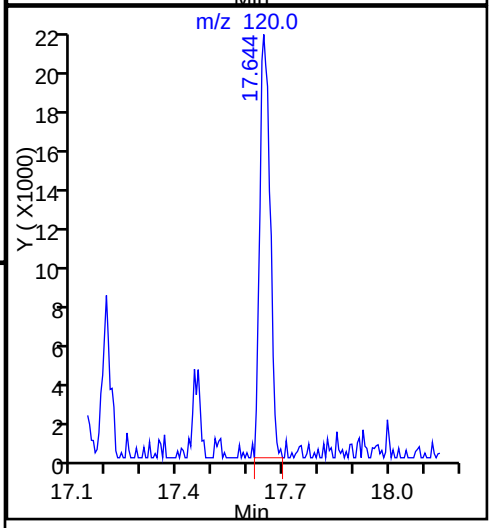
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

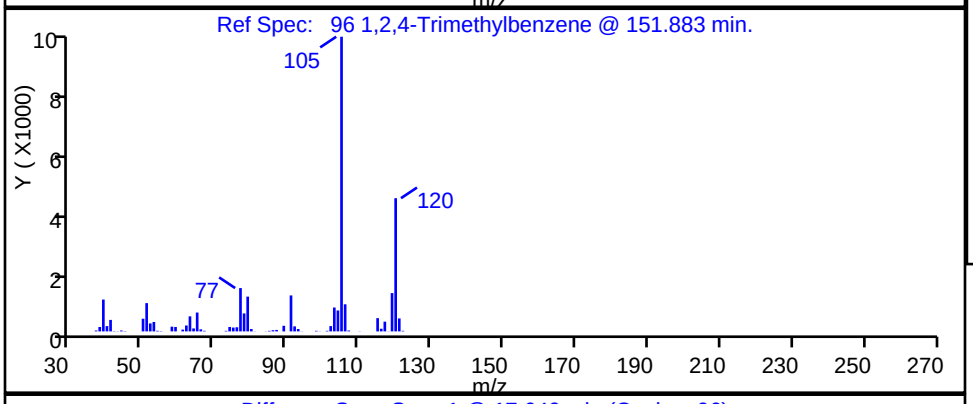
96 1,2,4-Trimethylbenzene, CAS: 95-63-6

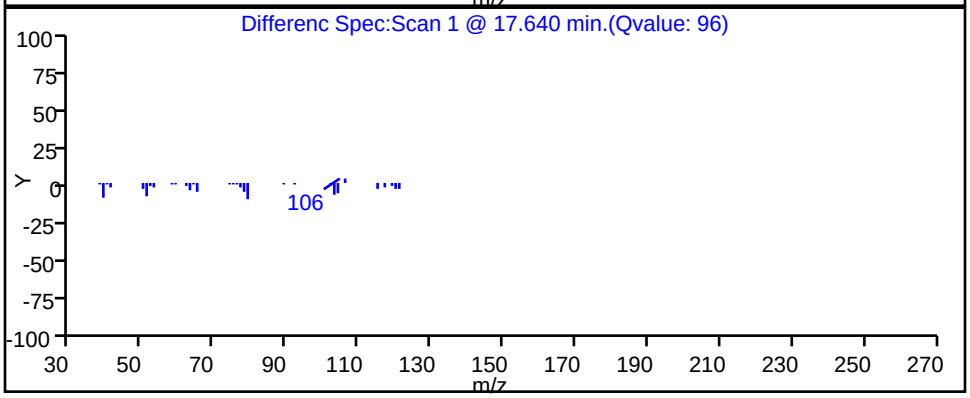












Manual Integration/User Assign Peak Report

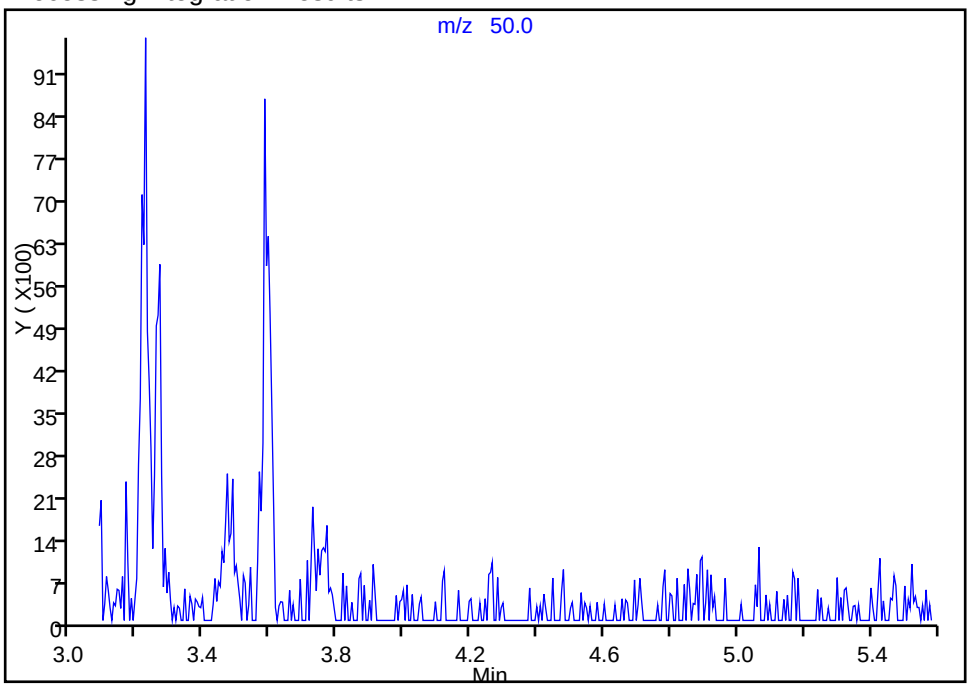
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

8 Chloromethane, CAS: 74-87-3

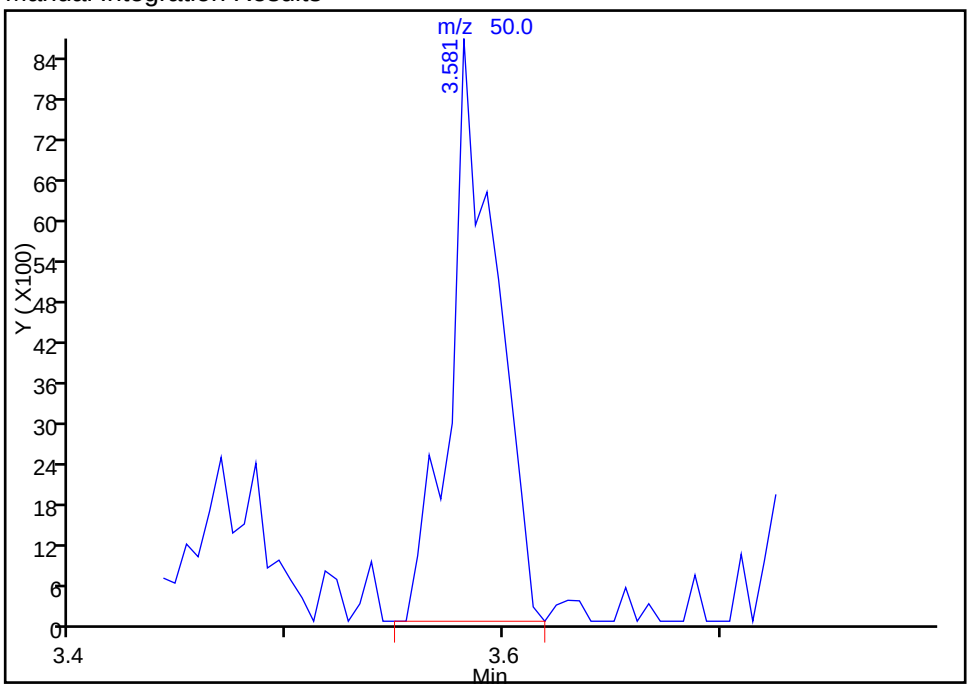
Not Detected
Expected RT: 3.58

Processing Integration Results



Manual Integration Results

RT: 3.58
Area: 12746
Amount: 0.281120
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

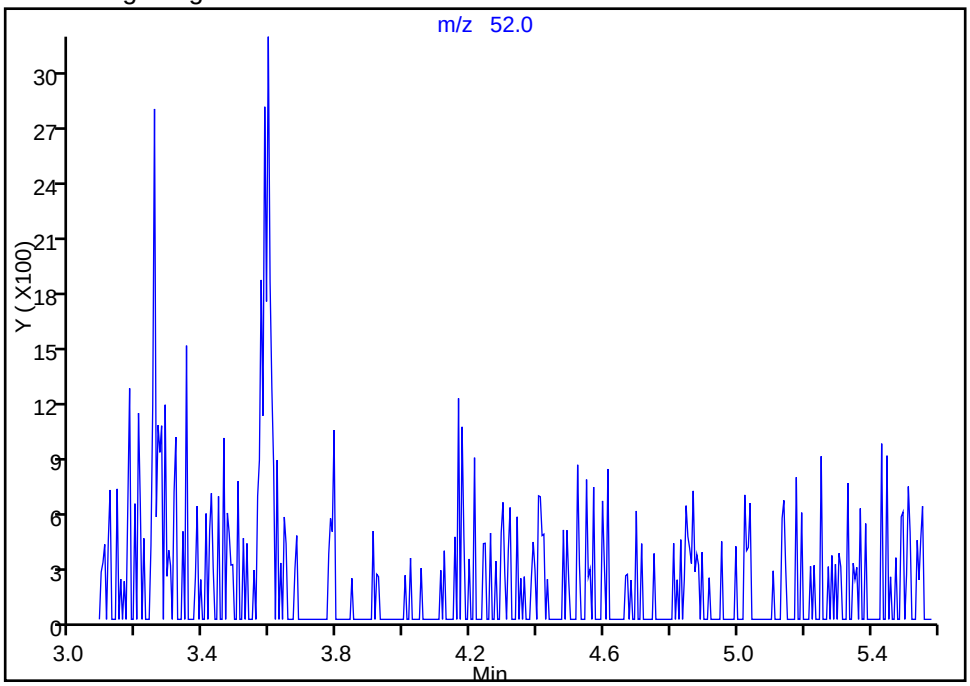
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

8 Chloromethane, CAS: 74-87-3

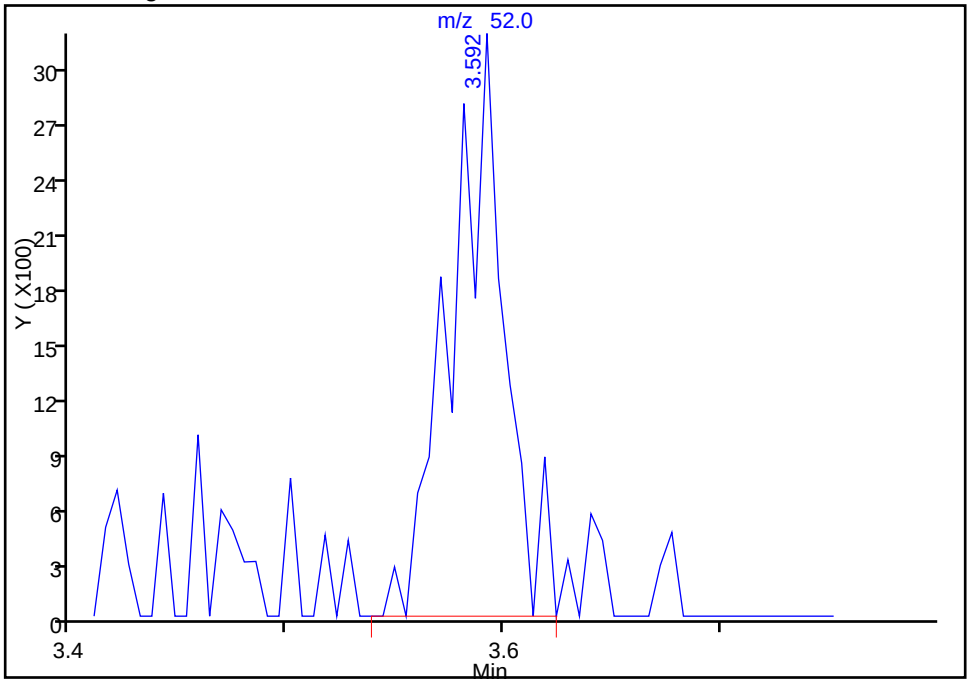
Processing Integration Results

Not Detected
Expected RT: 3.58



Manual Integration Results

RT: 3.59
Area: 5561
Amount: 0.281120
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

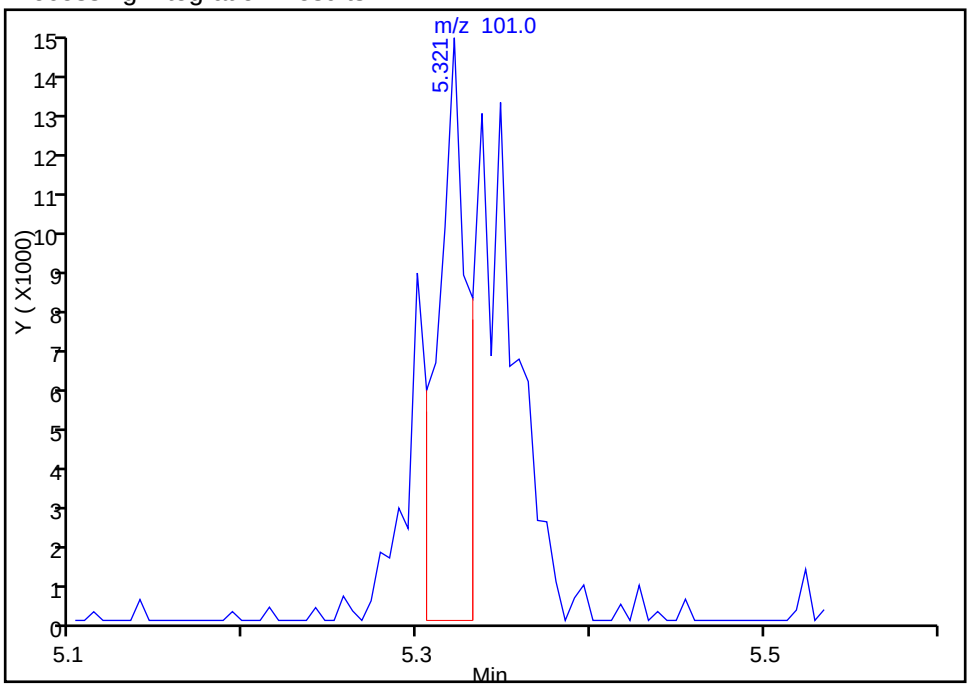
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

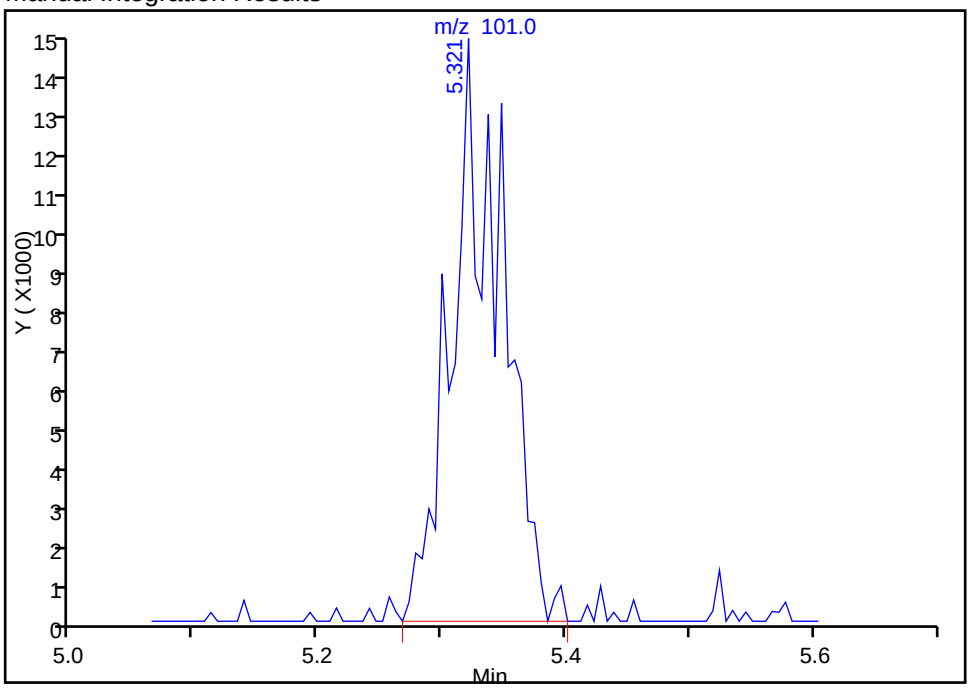
Processing Integration Results

RT: 5.32
Area: 16437
Amount: 0.093946
Amount Units: ppb v/v



Manual Integration Results

RT: 5.32
Area: 39892
Amount: 0.228002
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

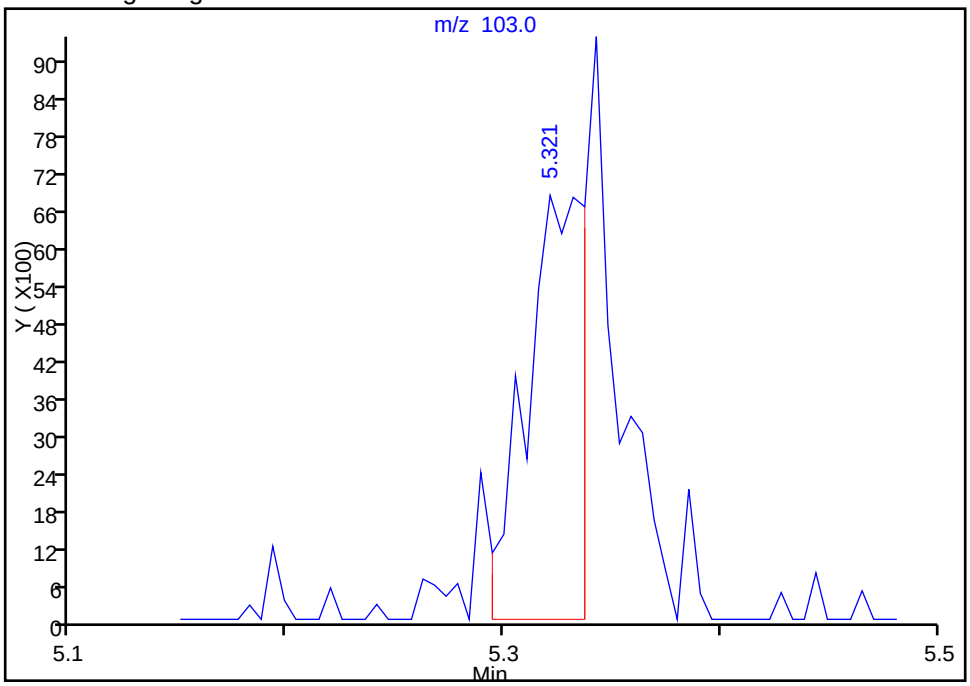
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

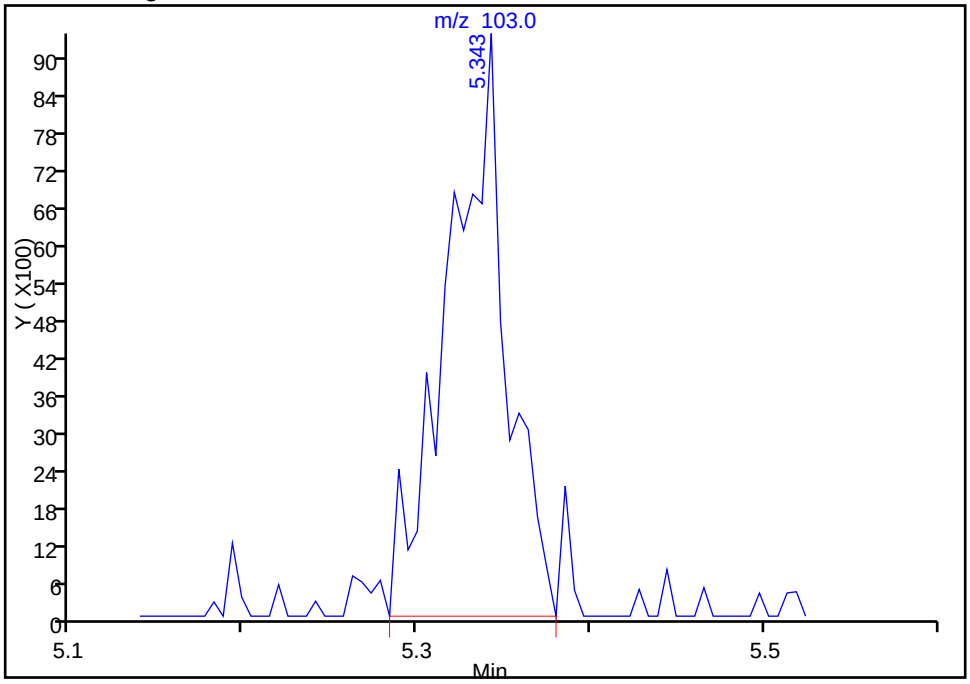
Processing Integration Results

RT: 5.32
Area: 12971
Amount: 0.093946
Amount Units: ppb v/v



Manual Integration Results

RT: 5.34
Area: 21875
Amount: 0.228002
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

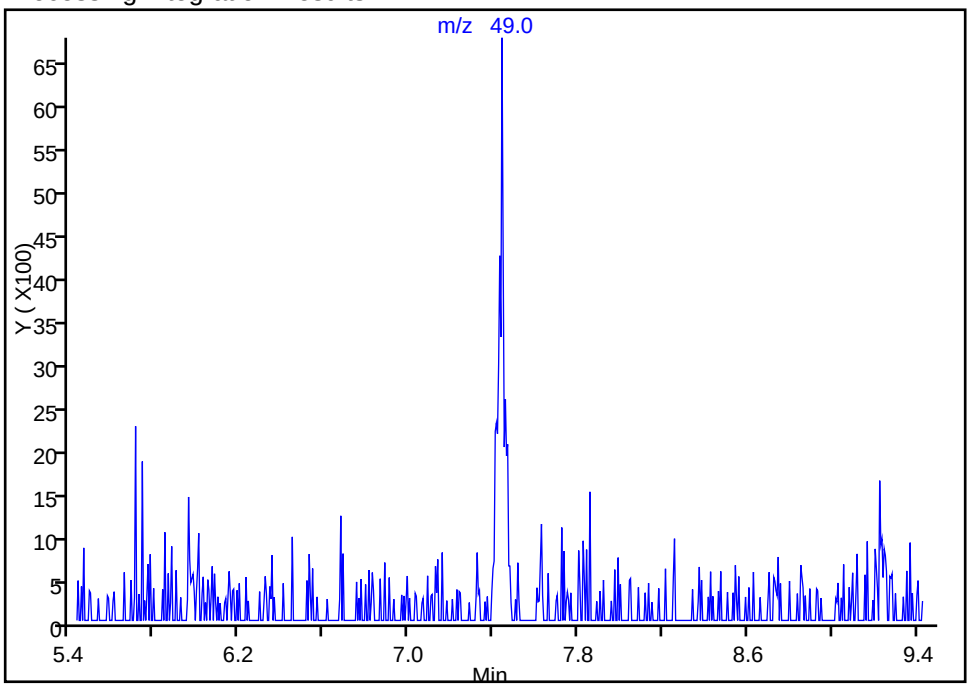
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

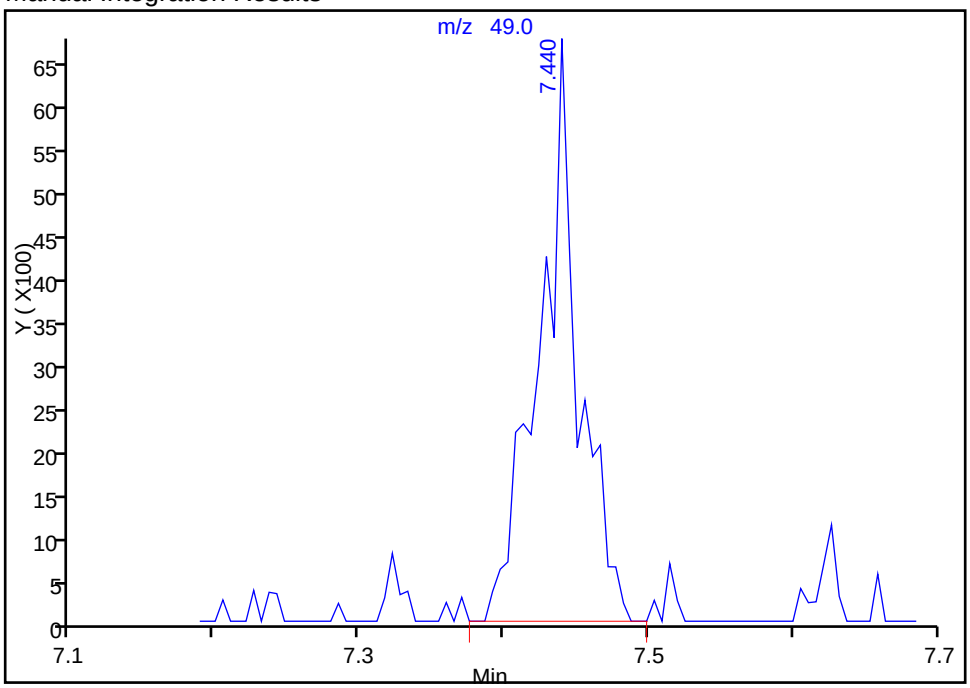
Not Detected
Expected RT: 7.43

Processing Integration Results



Manual Integration Results

RT: 7.44
Area: 12786
Amount: 0.198482
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

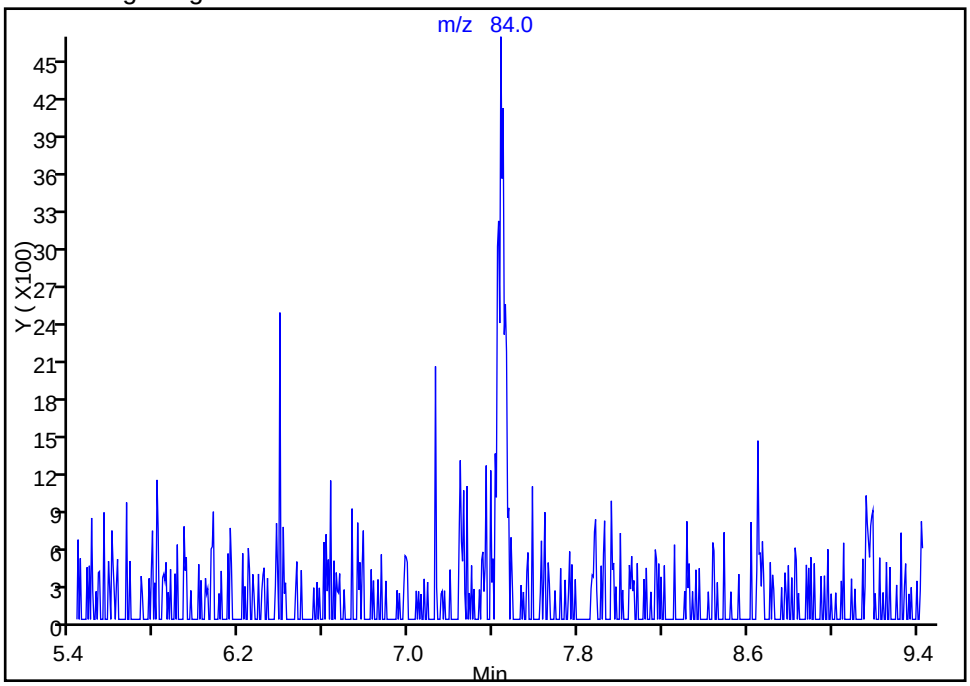
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

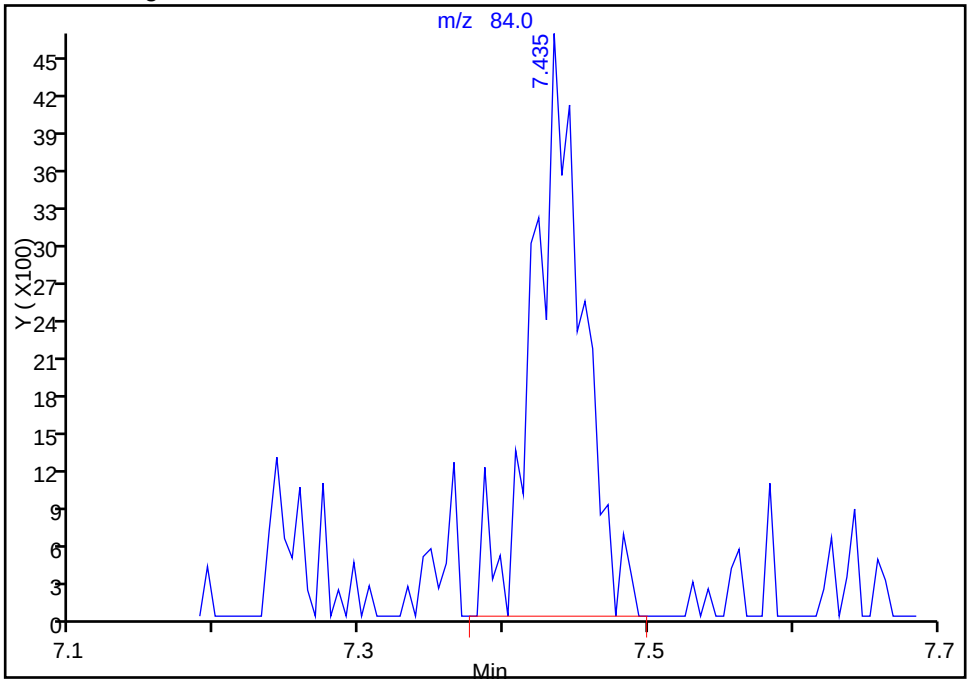
Not Detected
Expected RT: 7.43

Processing Integration Results



Manual Integration Results

RT: 7.43
Area: 11023
Amount: 0.198482
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

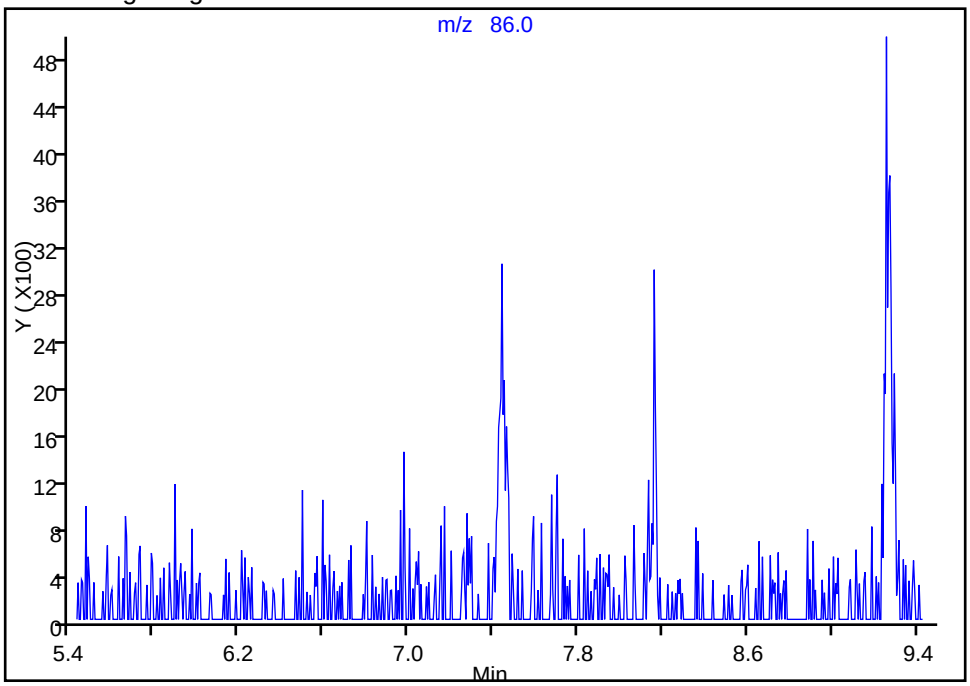
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

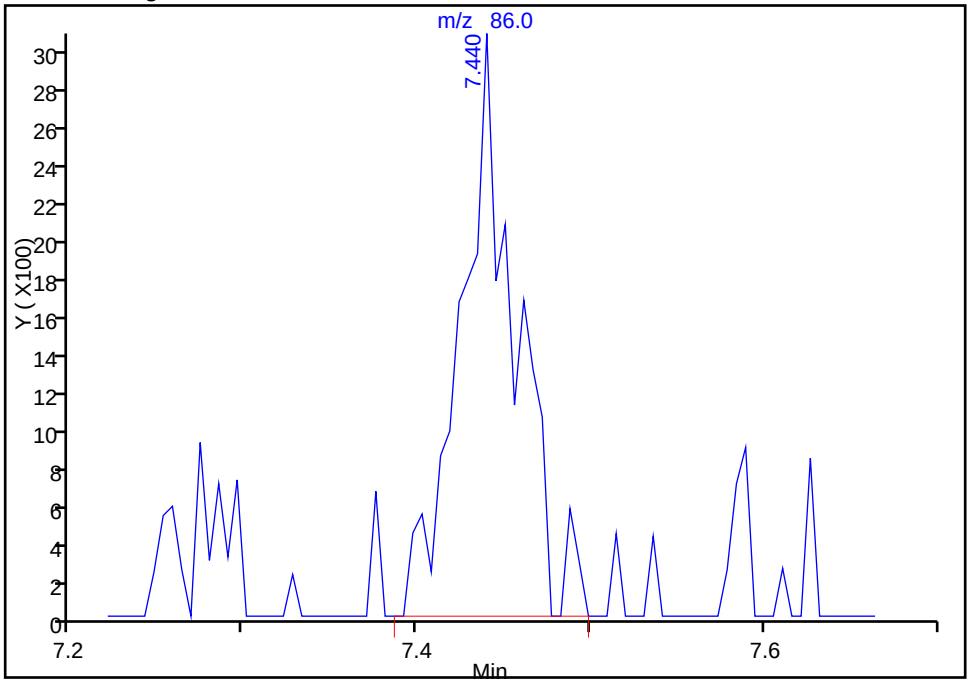
Not Detected
Expected RT: 7.43

Processing Integration Results



Manual Integration Results

RT: 7.44
Area: 6665
Amount: 0.198482
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

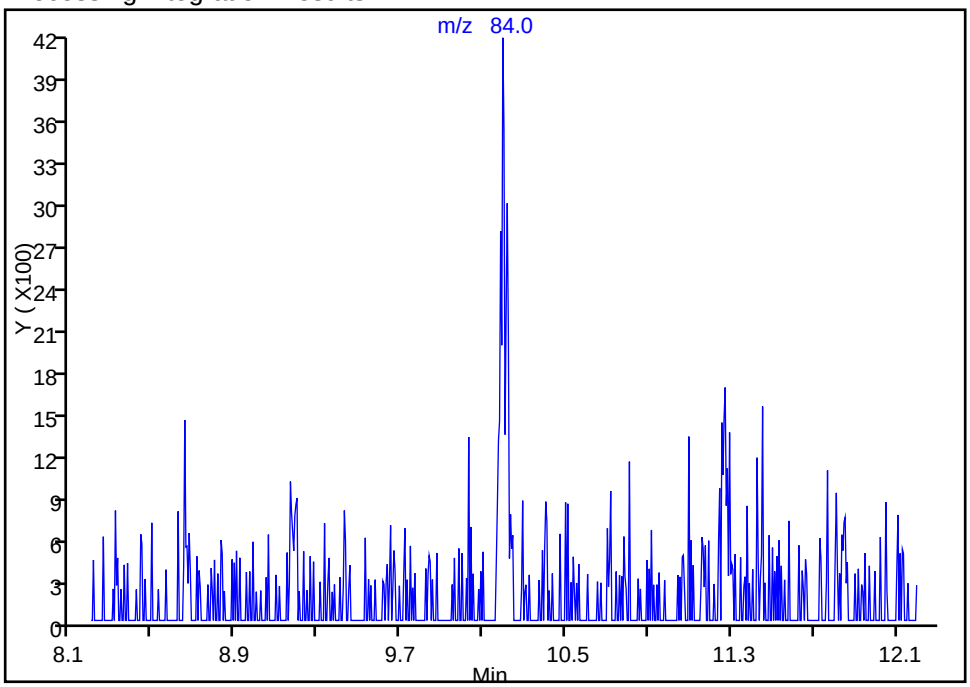
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Cyclohexane, CAS: 110-82-7

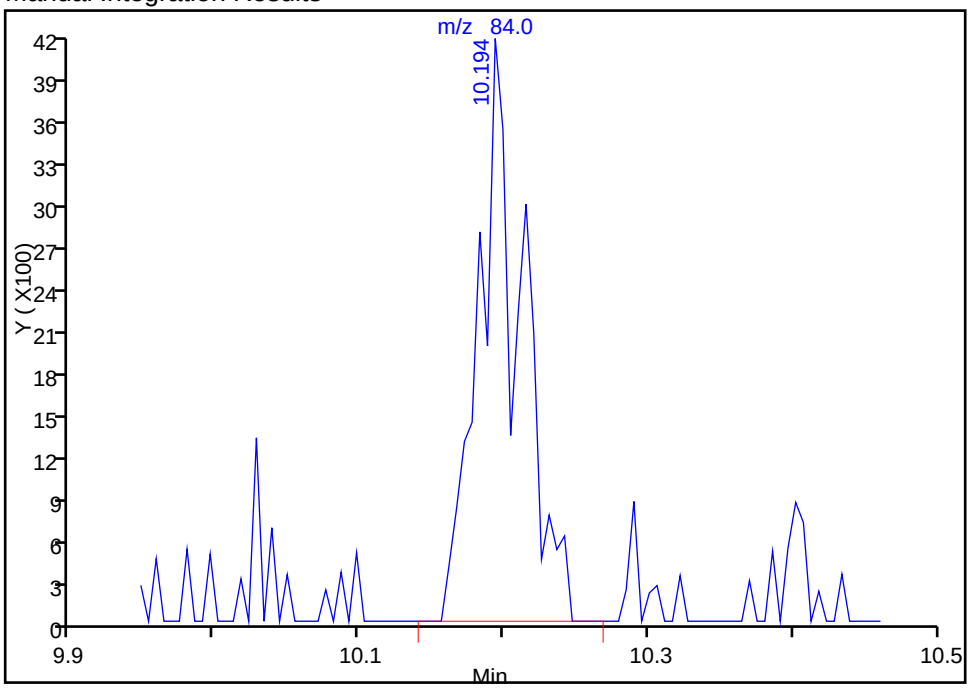
Not Detected
Expected RT: 10.20

Processing Integration Results



Manual Integration Results

RT: 10.19
Area: 8636
Amount: 0.110825
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

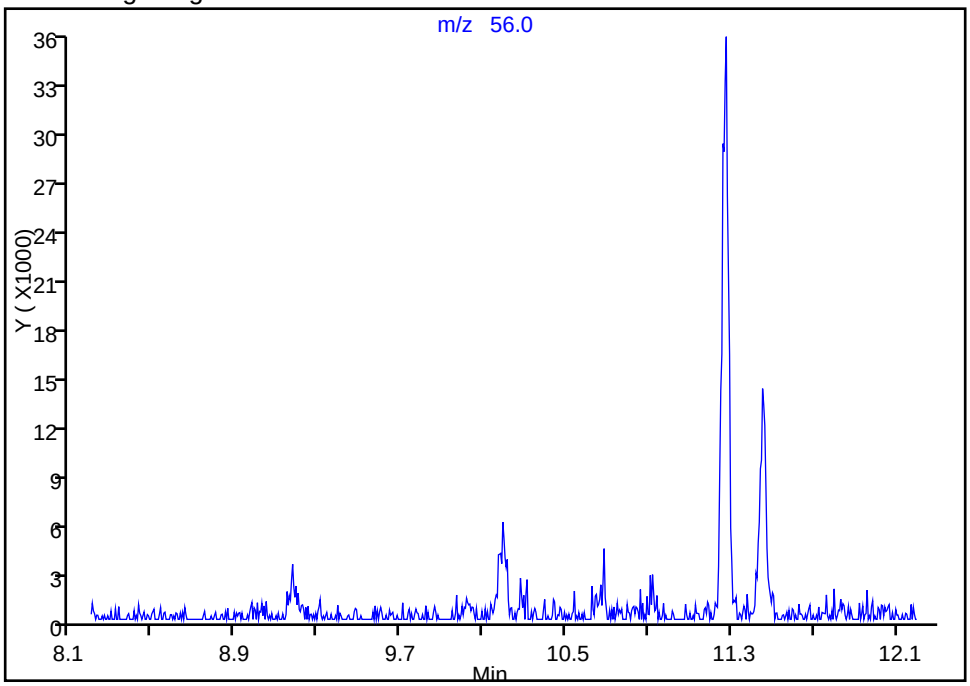
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Cyclohexane, CAS: 110-82-7

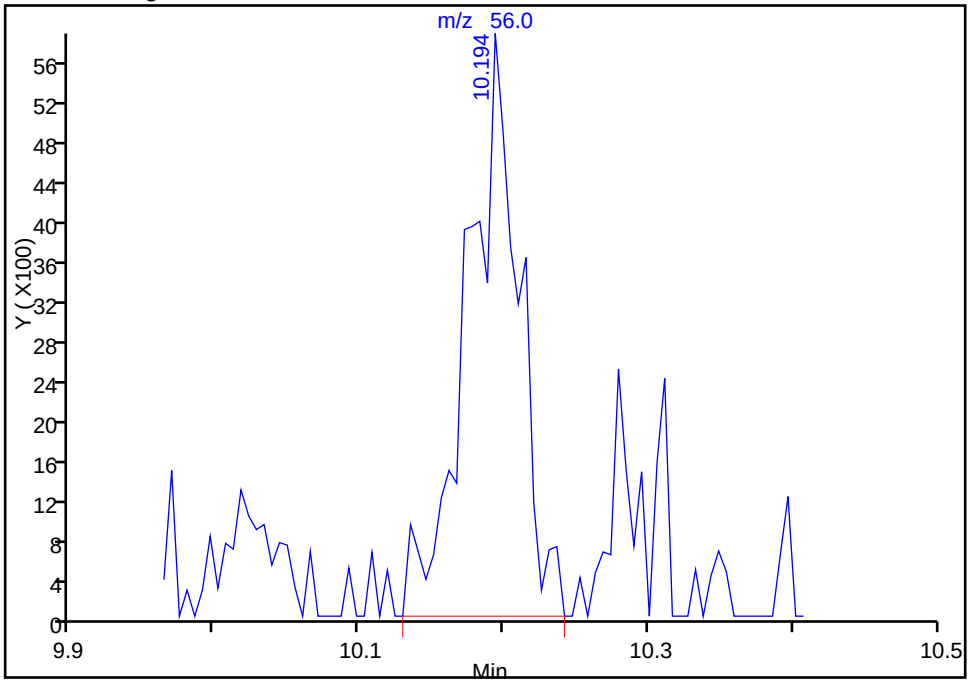
Processing Integration Results

Not Detected
Expected RT: 10.20



Manual Integration Results

RT: 10.19
Area: 14706
Amount: 0.110825
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

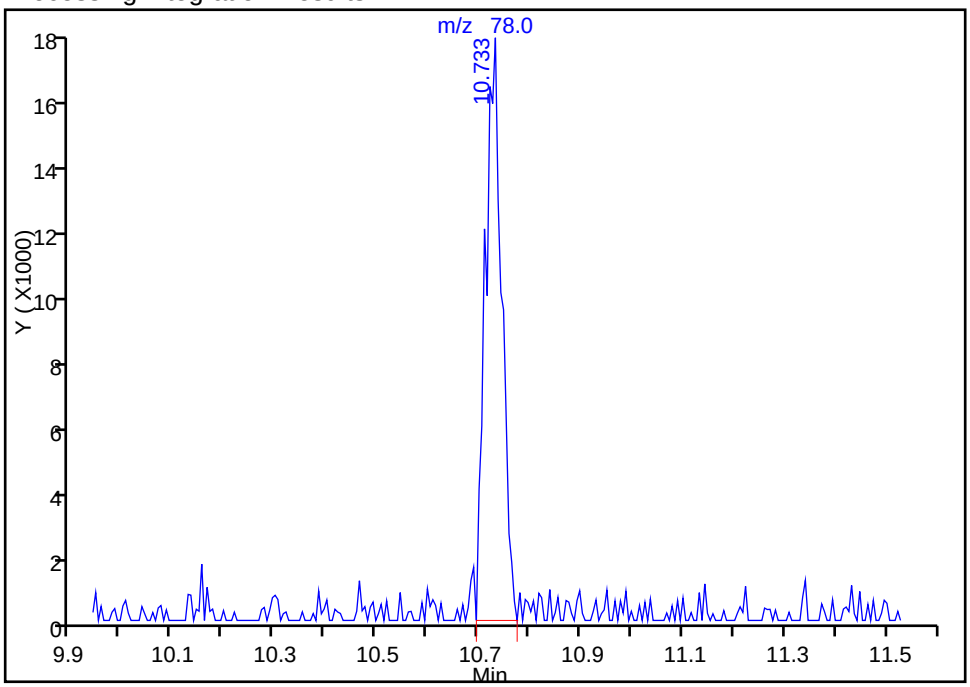
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Benzene, CAS: 71-43-2

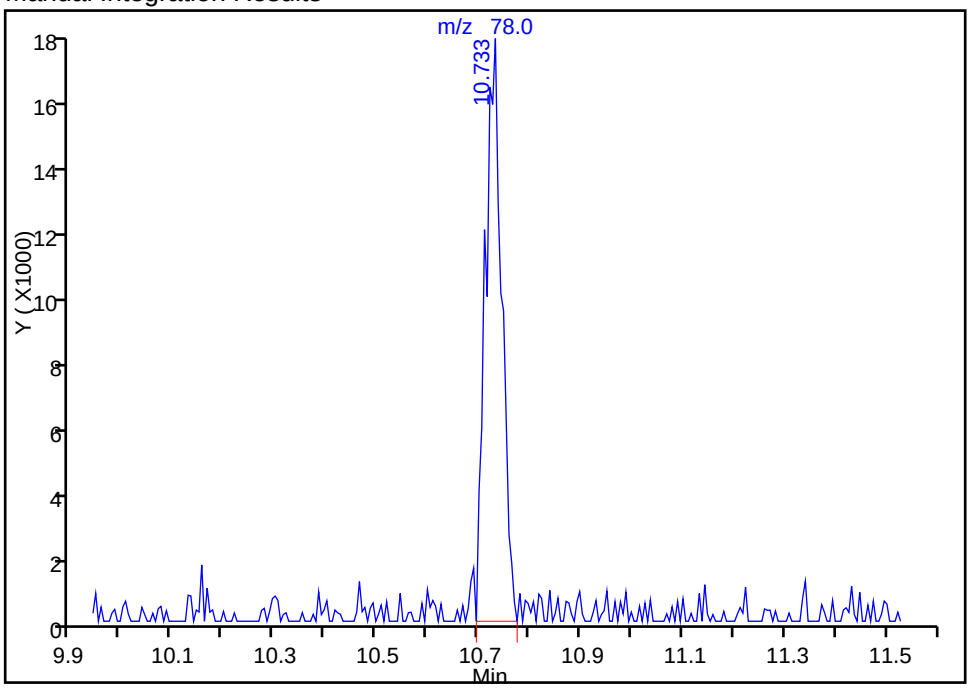
Processing Integration Results

RT: 10.73
Area: 39574
Amount: 0.235841
Amount Units: ppb v/v



Manual Integration Results

RT: 10.73
Area: 39574
Amount: 0.235841
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

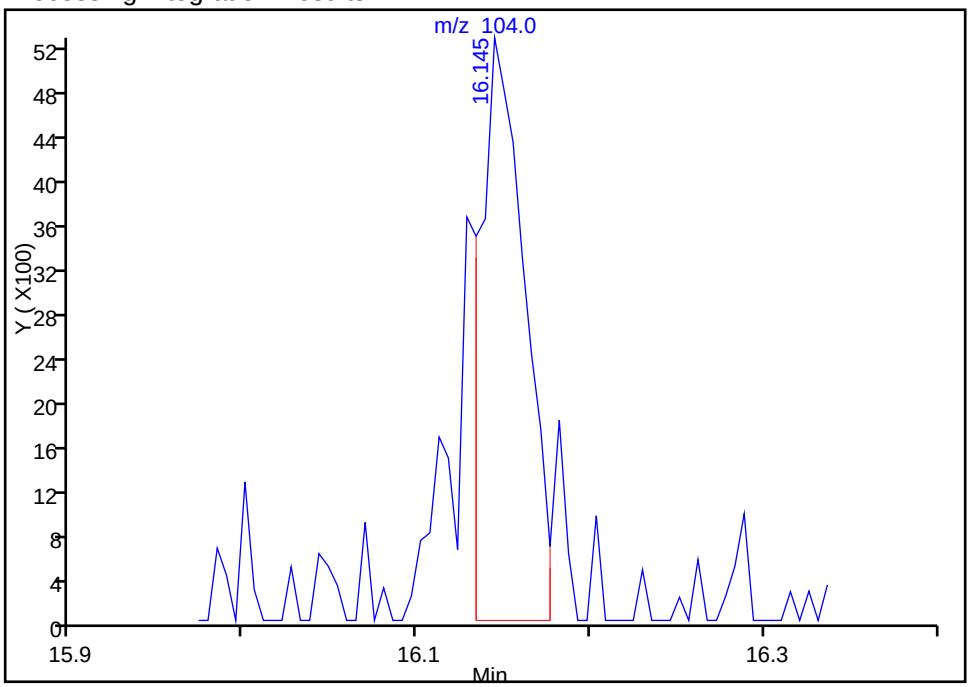
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 Styrene, CAS: 100-42-5

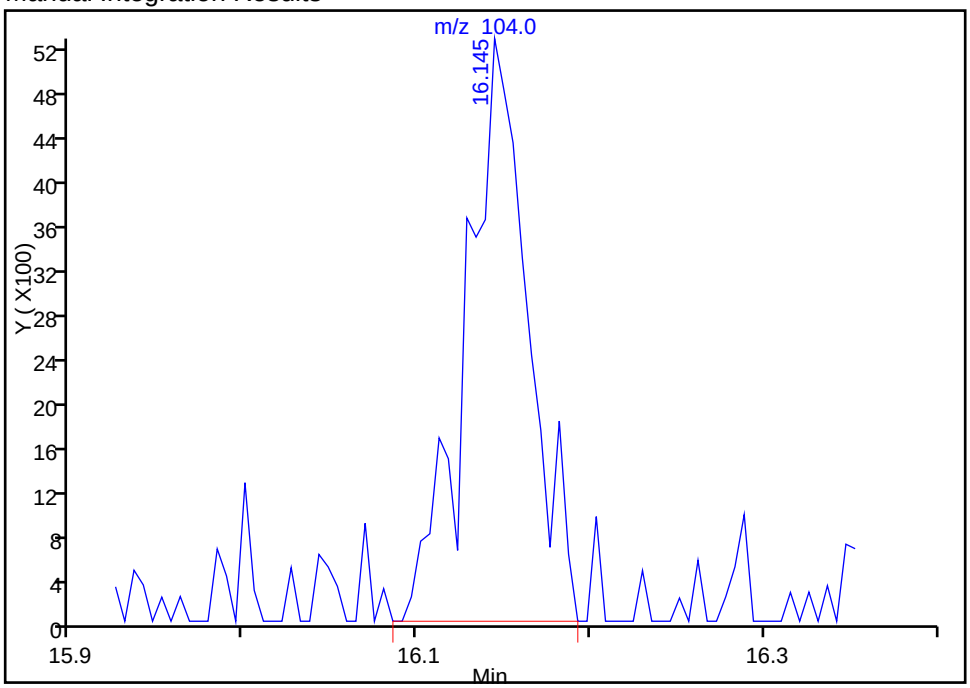
Processing Integration Results

RT: 16.14
Area: 9495
Amount: 0.050297
Amount Units: ppb v/v



Manual Integration Results

RT: 16.14
Area: 13204
Amount: 0.069944
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

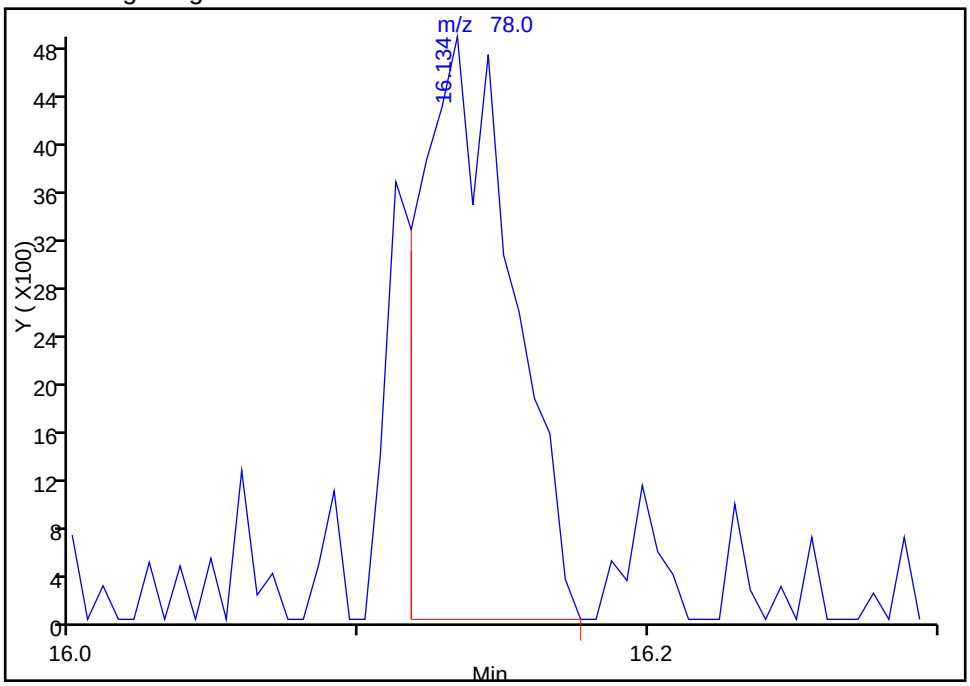
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_25a.D				
Injection Date:	30-Jan-2015 09:11:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-14	Lab Sample ID:	200-64806-14		
Client ID:	776VMP0101MC				
Operator ID:	pad	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 Styrene, CAS: 100-42-5

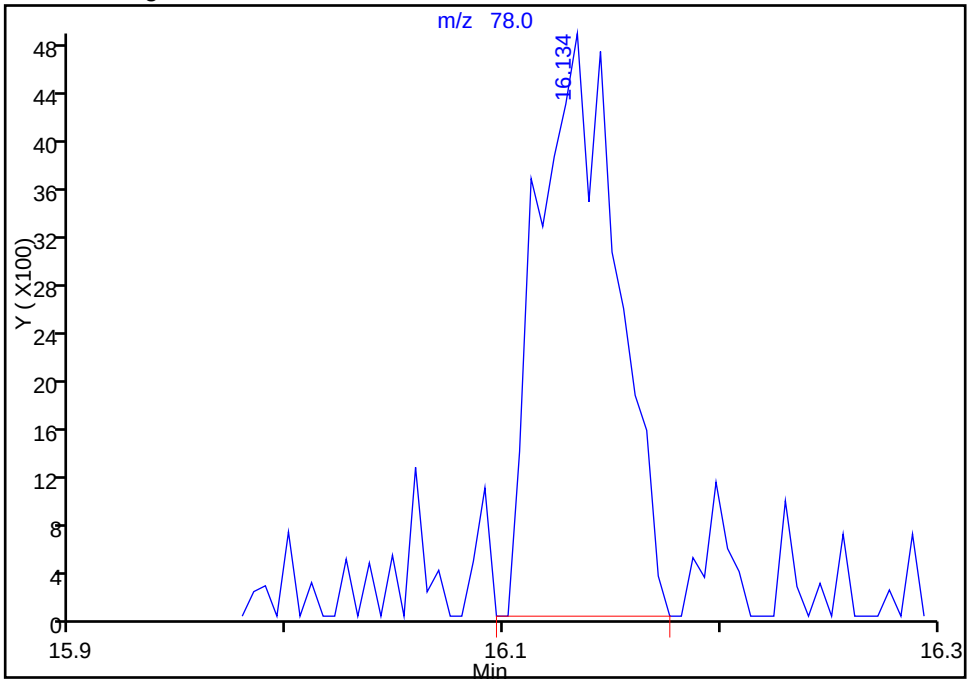
Processing Integration Results

RT: 16.13
Area: 10858
Amount: 0.050297
Amount Units: ppb v/v



Manual Integration Results

RT: 16.13
Area: 12476
Amount: 0.069944
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:15:48
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MA Lab Sample ID: 280-64806-15

Matrix: Air Lab File ID: 11879_24a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 08:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.54		0.50	0.056
75-45-6	Freon 22	86.47	1.4		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.37	J M	0.50	0.060
106-97-8	n-Butane	58.12	0.89		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.21	M	0.20	0.045
76-13-1	Freon TF	187.38	0.056	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	9.0		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	5.5		5.0	0.15
75-15-0	Carbon disulfide	76.14	1.5		0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	J M	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.31	J M	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.20		0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	3.0		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	1.0	J	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.14	J M	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.068	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.26		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MA Lab Sample ID: 280-64806-15

Matrix: Air Lab File ID: 11879_24a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 08:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.18	J M	0.20	0.037
79-01-6	Trichloroethene	131.39	0.053	J M	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.27	J	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.22	J	0.50	0.18
108-88-3	Toluene	92.14	1.4		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.32		0.20	0.020
179601-23-1	m,p-Xylene	106.17	1.1		0.50	0.025
95-47-6	Xylene, o-	106.17	0.34		0.20	0.018
1330-20-7	Xylene (total)	106.17	1.4		0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.034	J	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.11	J	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.081	J M	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.26		0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.30		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.063	J	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MA Lab Sample ID: 280-64806-15

Matrix: Air Lab File ID: 11879_24a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 08:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MA Lab Sample ID: 280-64806-15

Matrix: Air Lab File ID: 11879_24a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 08:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.28
75-45-6	Freon 22	86.47	4.9		1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.76	J M	1.0	0.12
106-97-8	n-Butane	58.12	2.1		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.2	M	1.1	0.25
76-13-1	Freon TF	187.38	0.43	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	21		12	1.6
67-63-0	Isopropyl alcohol	60.10	13		12	0.37
75-15-0	Carbon disulfide	76.14	4.8		1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.71	J M	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.95	J M	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.72		0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	8.9		1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	3.0	J	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.47	J M	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.43	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.82		0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MA Lab Sample ID: 280-64806-15

Matrix: Air Lab File ID: 11879_24a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 08:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.72	J M	0.82	0.15
79-01-6	Trichloroethene	131.39	0.29	J M	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.99	J	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.91	J	2.0	0.74
108-88-3	Toluene	92.14	5.2		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	1.4		0.87	0.087
179601-23-1	m,p-Xylene	106.17	4.9		2.2	0.11
95-47-6	Xylene, o-	106.17	1.5		0.87	0.078
1330-20-7	Xylene (total)	106.17	6.3		0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.17	J	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.55	J	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.40	J M	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	1.3		0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	1.7		1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.38	J	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0101MA Lab Sample ID: 280-64806-15

Matrix: Air Lab File ID: 11879_24a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:50

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 08:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D
Lims ID: 280-64806-A-15 Lab Sample ID: 200-64806-15
Client ID: 776VMP0101MA
Sample Type: Client
Inject. Date: 30-Jan-2015 08:19:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011879-024
Misc. Info.: 64806-15
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 02-Feb-2015 08:44:11 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: lyonsb Date: 30-Jan-2015 16:08:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
5 Dichlorodifluoromethane	85	3.224	3.218	0.006	97	95910	0.5424	
6 Chlorodifluoromethane	51	3.261	3.261	0.000	97	137194	1.37	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.448				ND	
8 Chloromethane	50	3.587	3.581	0.006	0	16610	0.3685	7M
9 Butane	43	3.768	3.763	0.005	99	73129	0.8897	
10 Vinyl chloride	62		3.800				ND	
11 Butadiene	54		3.875				ND	
12 Bromomethane	94		4.579				ND	
14 Chloroethane	64		4.809				ND	
16 Vinyl bromide	106		5.241				ND	
17 Trichlorofluoromethane	101	5.332	5.326	0.006	78	35987	0.2069	M
23 1,1,2-Trichloro-1,2,2-trif	101	6.362	6.372	-0.010	48	6335	0.0562	
24 1,1-Dichloroethene	96		6.453				ND	
25 Acetone	43	6.629	6.629	0.000	85	880575	8.97	
26 Isopropyl alcohol	45	6.837	6.826	0.011	98	398957	5.48	
27 Carbon disulfide	76	6.879	6.885	-0.006	100	194021	1.53	
29 3-Chloro-1-propene	41		7.173				ND	
31 Methylene Chloride	49	7.445	7.429	0.016	0	13058	0.2039	M
32 2-Methyl-2-propanol	59	7.541	7.536	0.005	0	33915	0.3138	7M
33 Methyl tert-butyl ether	73		7.765				ND	
34 trans-1,2-Dichloroethene	61		7.840				ND	
36 Hexane	57	8.171	8.150	0.021	69	16243	0.2042	
37 1,1-Dichloroethane	63		8.598				ND	
40 2-Butanone (MEK)	72	9.489	9.495	-0.006	95	86794	3.03	
39 cis-1,2-Dichloroethene	96		9.500				ND	
43 Tetrahydrofuran	42	9.874	9.868	0.006	36	66534	1.02	
* 44 Chlorobromomethane	128	9.879	9.874	0.005	85	564498	10.0	
45 Chloroform	83		9.943				ND	
S 42 1,2-Dichloroethene, Total	61		10.000				ND	
46 Cyclohexane	84	10.194	10.199	-0.005	69	10756	0.1363	M
47 1,1,1-Trichloroethane	97		10.199				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
48 Carbon tetrachloride	117	10.402	10.391	0.011	45	11427	0.0680	
49 Isooctane	57		10.663				ND	
50 Benzene	78	10.738	10.733	0.005	97	43790	0.2578	
51 1,2-Dichloroethane	62		10.839				ND	
52 n-Heptane	43	10.909	10.920	-0.011	0	19450	0.1752	M
* 54 1,4-Difluorobenzene	114	11.272	11.272	0.000	95	2816769	10.0	
57 Trichloroethene	95	11.629	11.640	-0.011	17	4508	0.0534	M
58 1,2-Dichloropropane	63		12.024				ND	
59 Methyl methacrylate	69		12.051				ND	
60 1,4-Dioxane	88	12.152	12.147	0.005	20	7390	0.2735	
62 Dichlorobromomethane	83		12.377				ND	
64 cis-1,3-Dichloropropene	75		13.006				ND	
65 4-Methyl-2-pentanone (MIBK	43	13.161	13.150	0.011	95	36402	0.2229	
68 Toluene	92	13.428	13.433	-0.005	94	179686	1.37	
70 trans-1,3-Dichloropropene	75		13.796				ND	
71 1,1,2-Trichloroethane	83		14.074				ND	
72 Tetrachloroethene	166		14.191				ND	
73 2-Hexanone	43		14.324				ND	
74 Chlorodibromomethane	129		14.618				ND	
75 Ethylene Dibromide	107		14.821				ND	
* 76 Chlorobenzene-d5	117	15.371	15.371	0.000	87	2520449	10.0	
77 Chlorobenzene	112		15.408				ND	
79 Ethylbenzene	91	15.472	15.472	0.000	96	100618	0.3181	
80 m-Xylene & p-Xylene	106	15.616	15.616	0.000	0	136766	1.13	
S 81 Xylenes, Total	106				0		1.47	
82 o-Xylene	106	16.128	16.128	0.000	91	40473	0.3428	
83 Styrene	104		16.150				ND	
84 Bromoform	173		16.449				ND	
85 Isopropylbenzene	105	16.523	16.529	-0.006	14	12500	0.0341	
$ 86 4-Bromofluorobenzene	95	16.790	16.795	-0.005	93	1842597	NC	
87 1,1,2,2-Tetrachloroethane	83		16.945				ND	
88 N-Propylbenzene	91		17.009				ND	M
91 4-Ethyltoluene	105	17.132	17.132	0.000	41	41154	0.1111	
92 2-Chlorotoluene	91		17.180				ND	
93 1,3,5-Trimethylbenzene	105	17.185	17.196	-0.011	90	26537	0.0814	M
95 tert-Butylbenzene	119		17.580				ND	
96 1,2,4-Trimethylbenzene	105	17.655	17.649	0.006	95	83492	0.2574	
97 sec-Butylbenzene	105		17.842				ND	
98 4-Isopropyltoluene	119	17.991	17.991	0.000	96	120381	0.3042	
99 1,3-Dichlorobenzene	146		18.076				ND	
100 1,4-Dichlorobenzene	146	18.188	18.188	0.000	91	14019	0.0625	
101 Benzyl chloride	91		18.349				ND	
103 n-Butylbenzene	91		18.509				ND	
104 1,2-Dichlorobenzene	146		18.690				ND	
107 1,2,4-Trichlorobenzene	180		21.102				ND	
108 Hexachlorobutadiene	225		21.262				ND	
109 Naphthalene	128		21.609				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

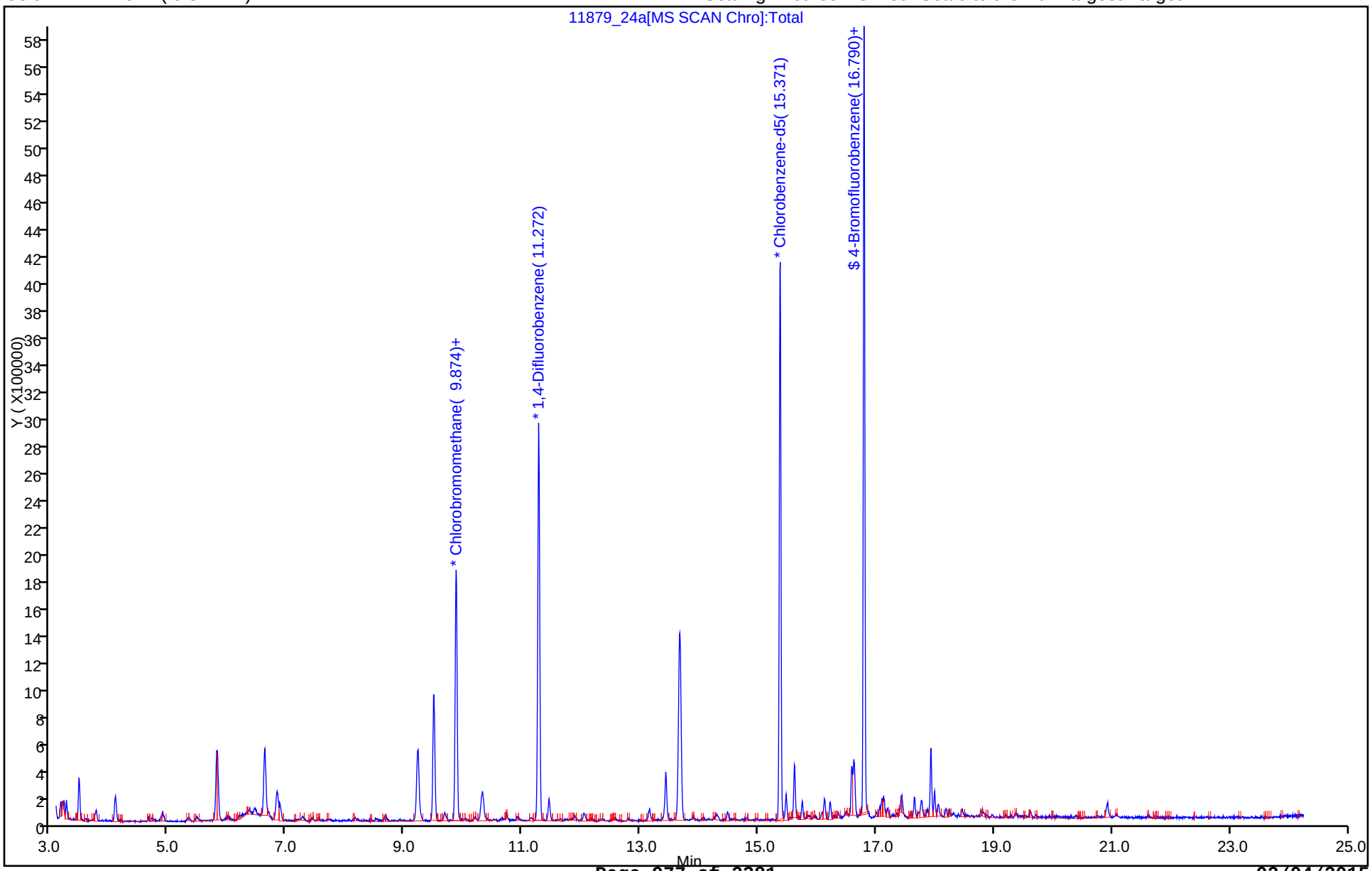
ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 02-Feb-2015 08:44:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15	Worklist Smp#:	24
Client ID:	776VMP0101MA				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



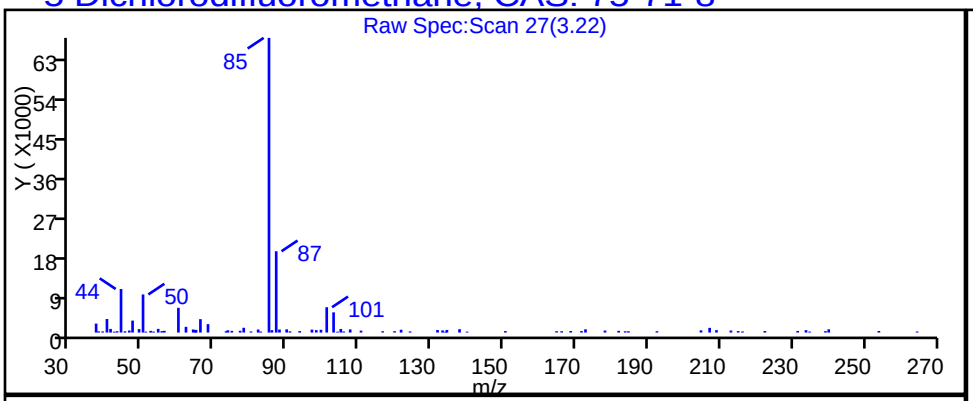
Report Date: 02-Feb-2015 08:44:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

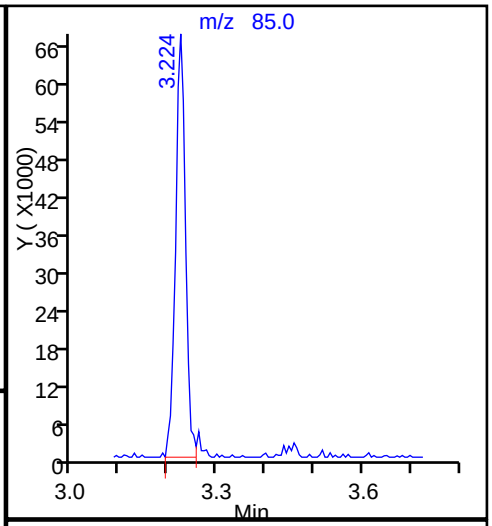
TestAmerica Burlington

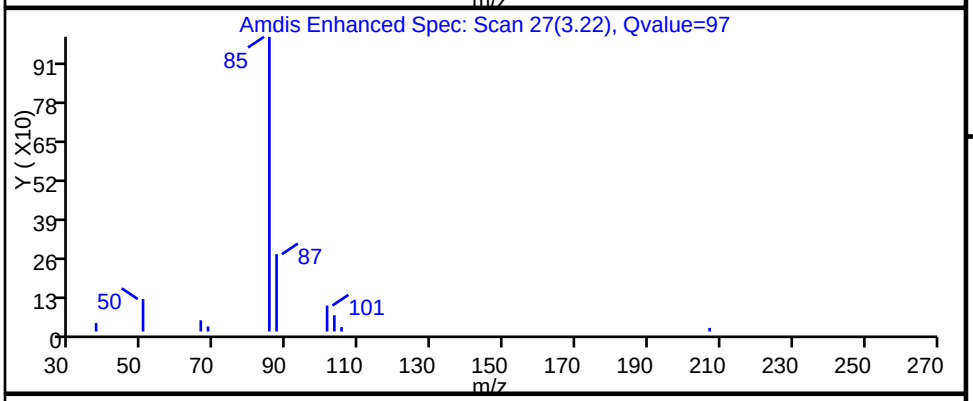
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

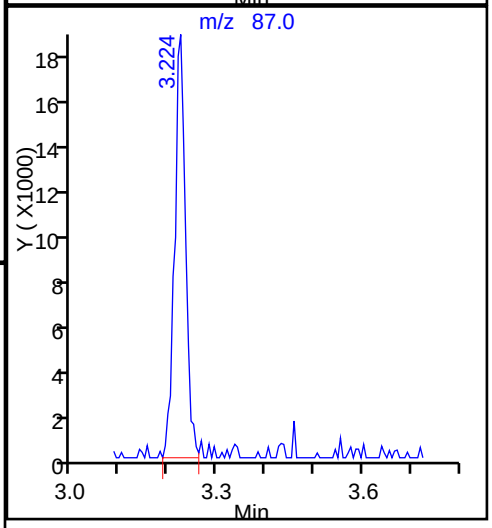
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

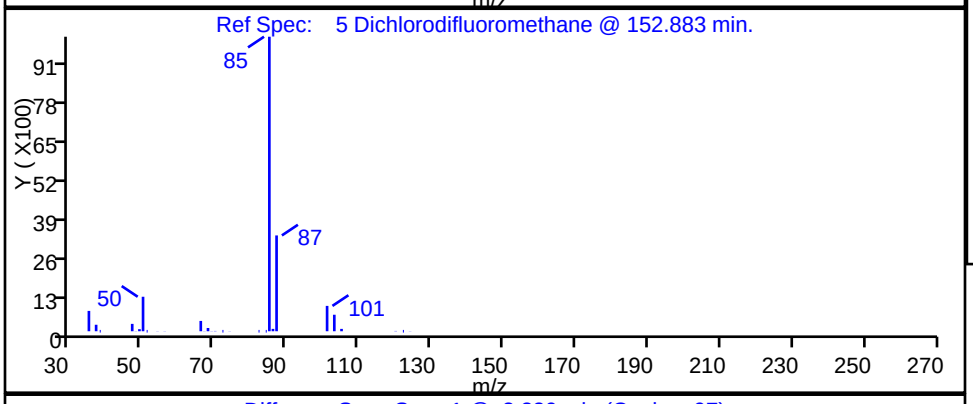
5 Dichlorodifluoromethane, CAS: 75-71-8

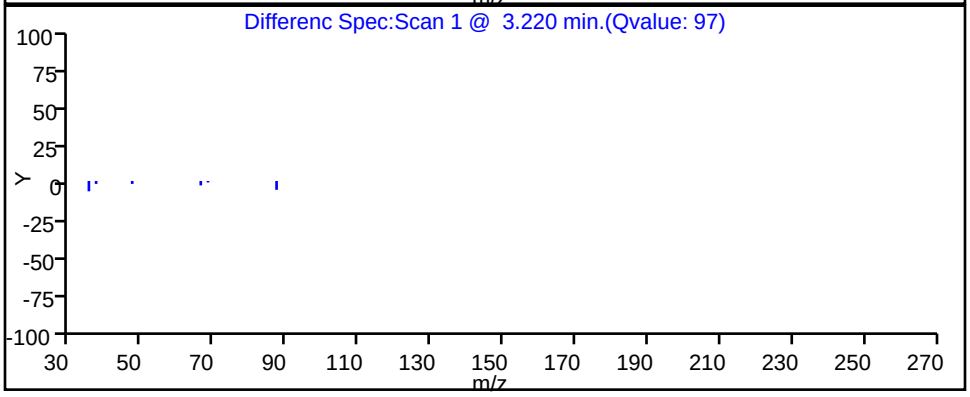








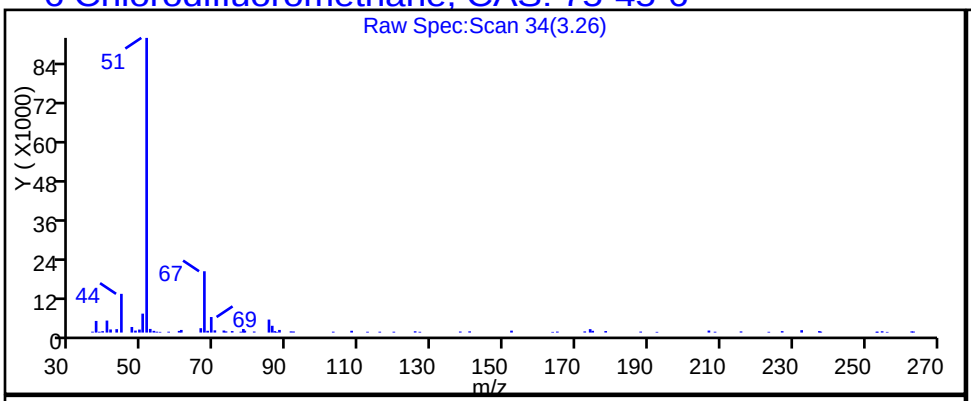


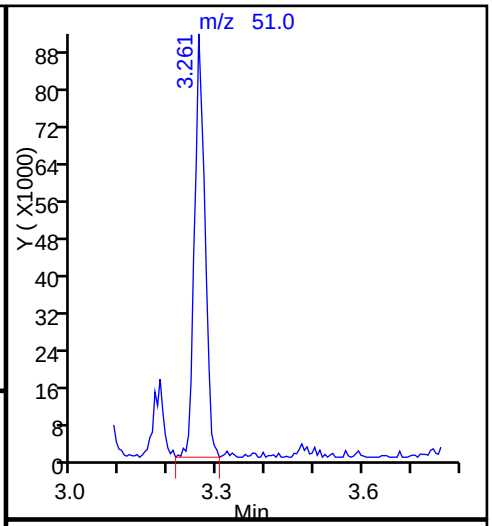


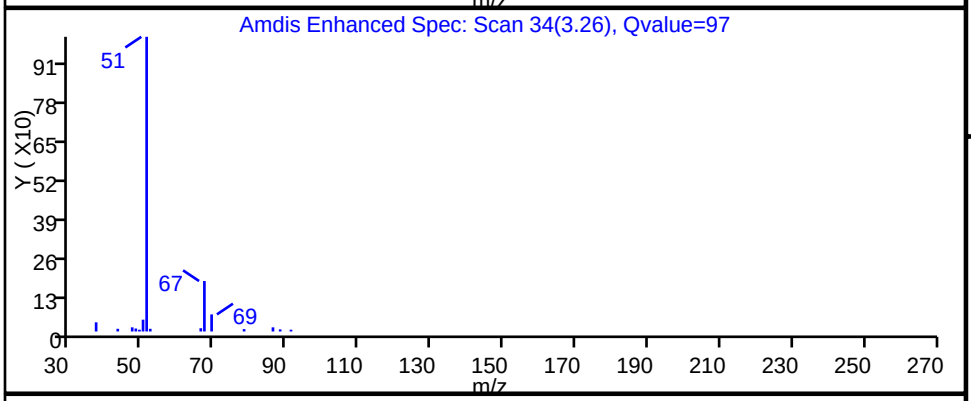
TestAmerica Burlington

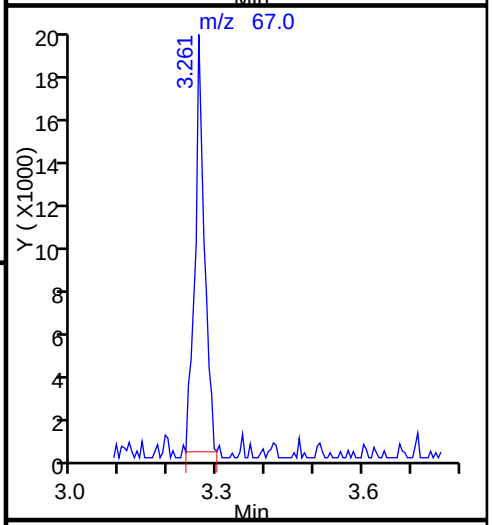
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

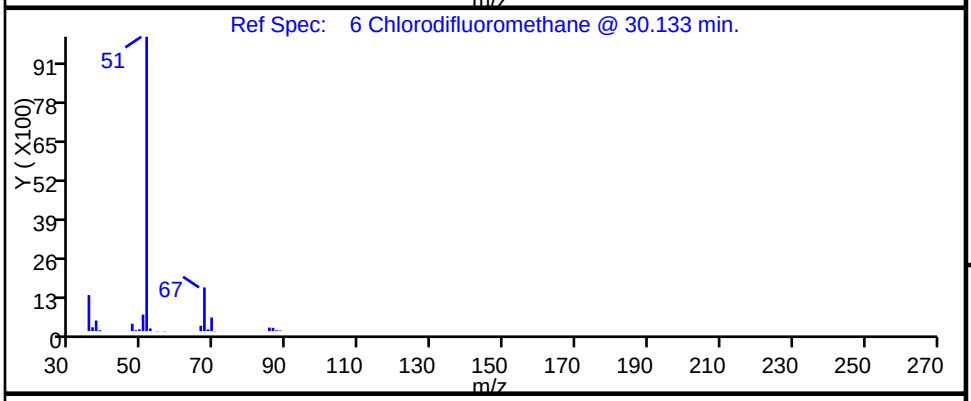
6 Chlorodifluoromethane, CAS: 75-45-6

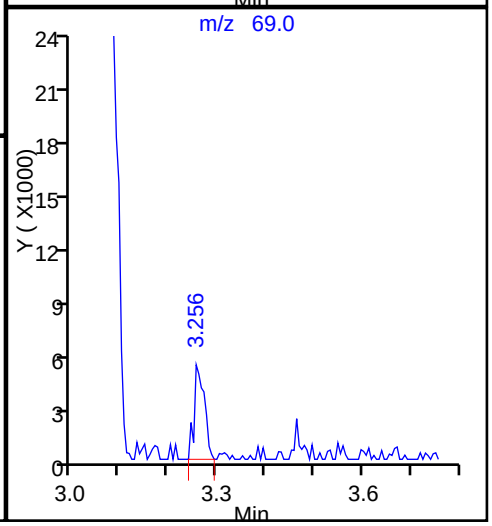


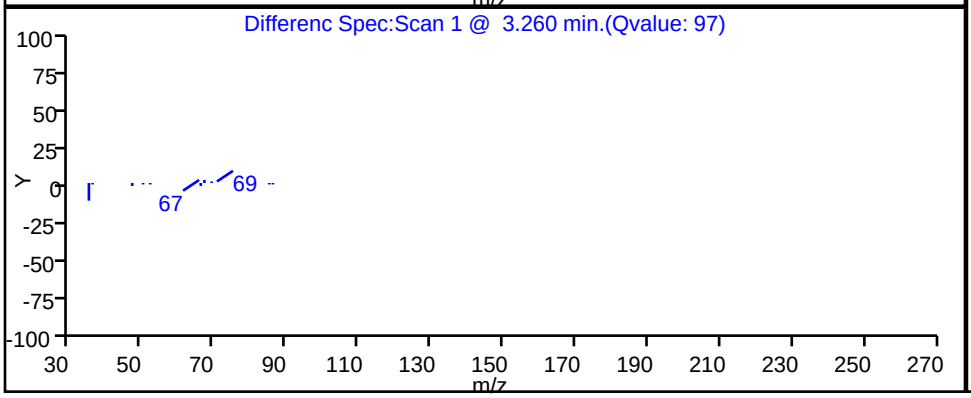












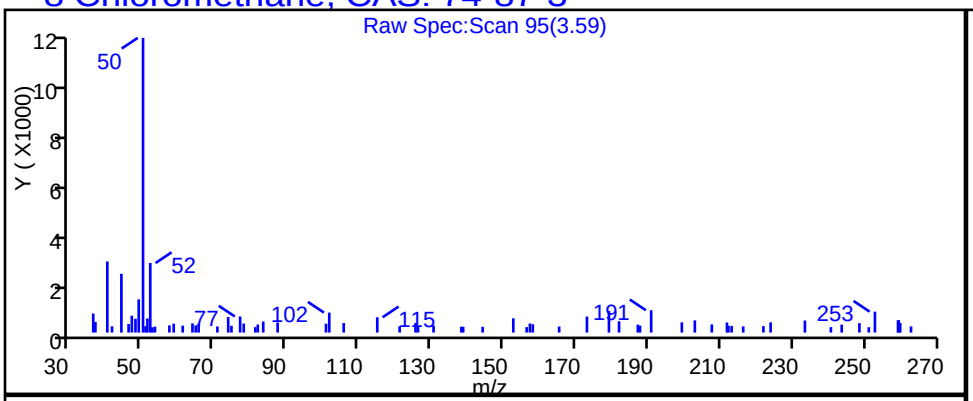
Report Date: 02-Feb-2015 08:44:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

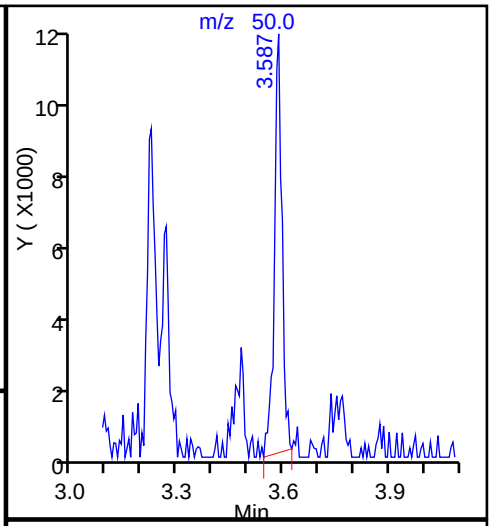
TestAmerica Burlington

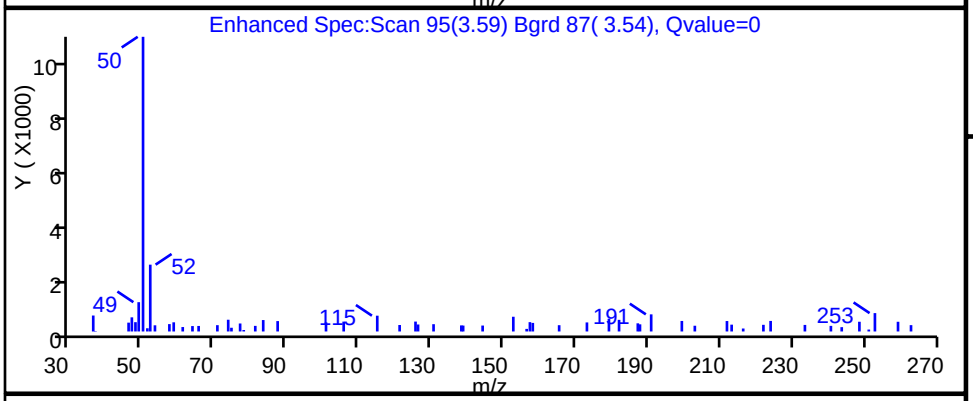
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

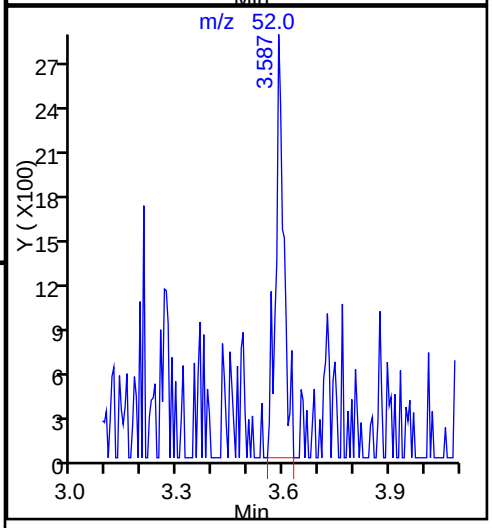
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

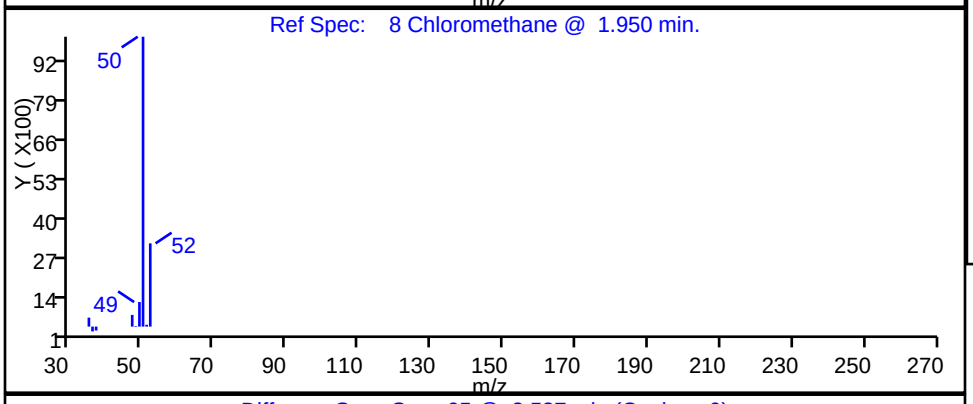
8 Chloromethane, CAS: 74-87-3

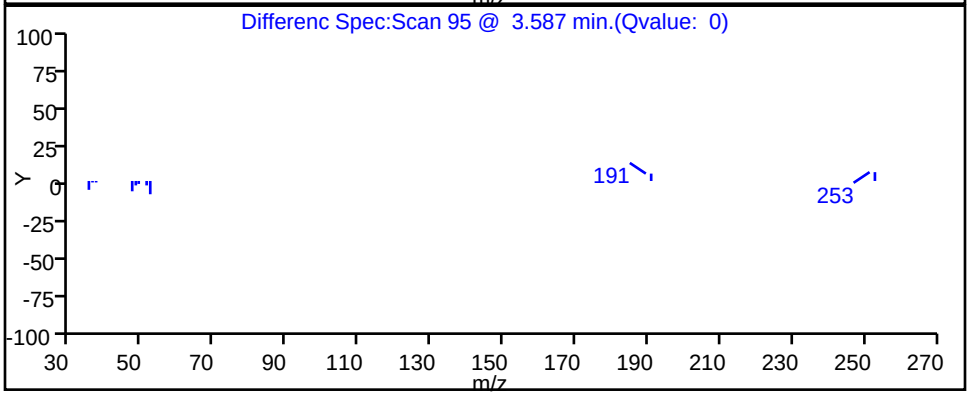












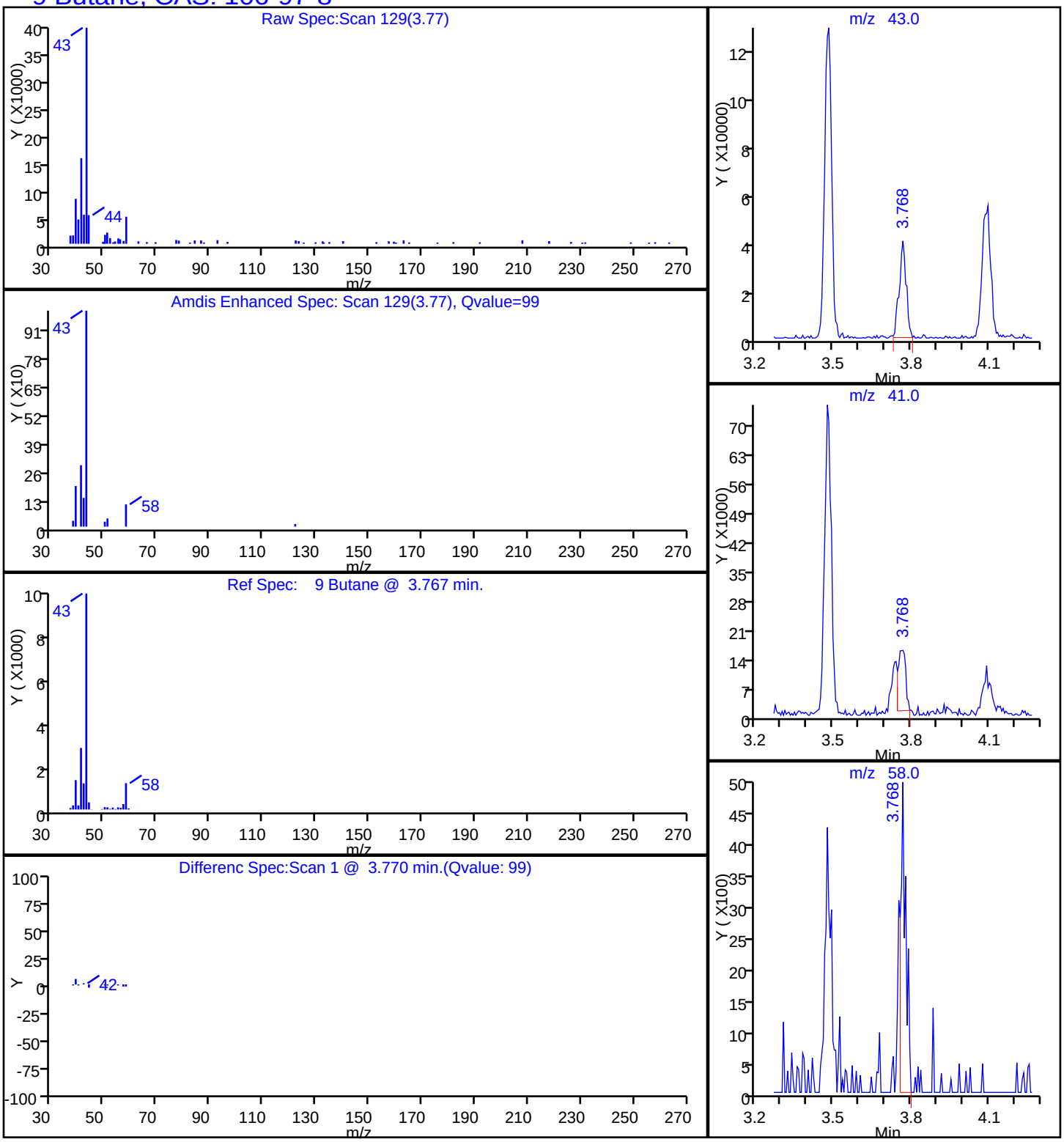
Report Date: 02-Feb-2015 08:44:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15
Client ID:	776VMP0101MA		
Operator ID:	pad	ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

9 Butane, CAS: 106-97-8



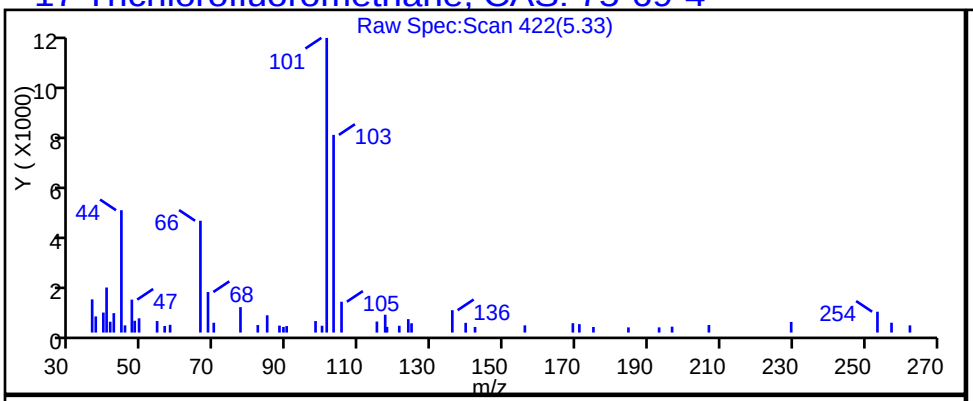
Report Date: 02-Feb-2015 08:44:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

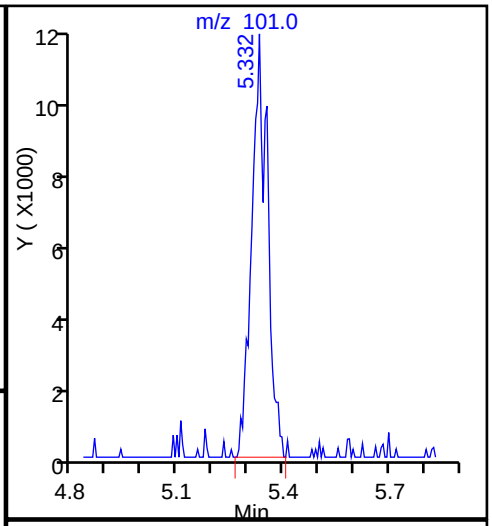
TestAmerica Burlington

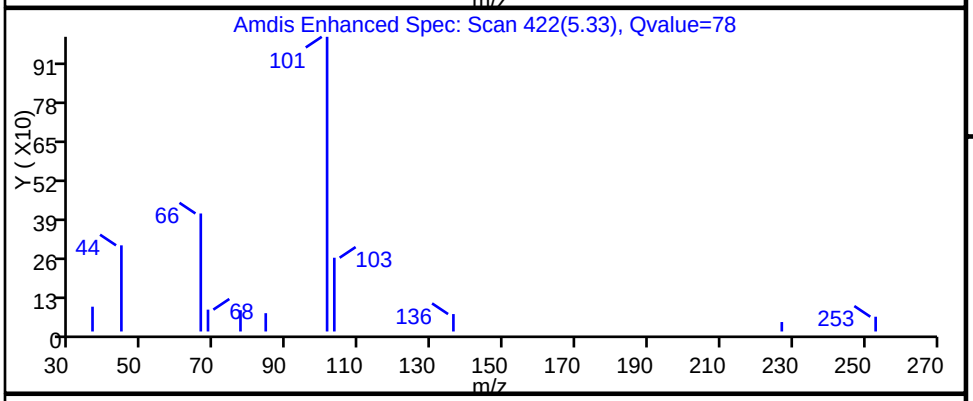
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

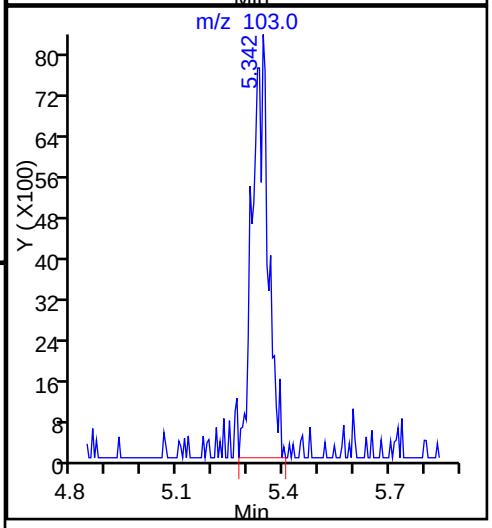
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

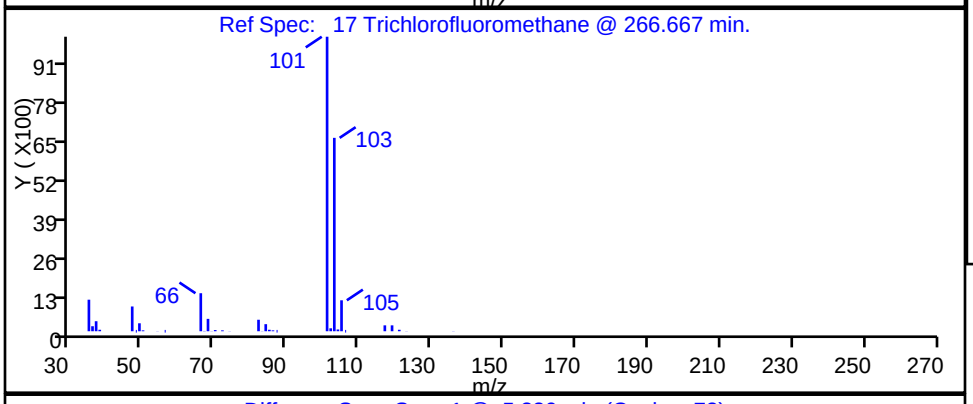
17 Trichlorofluoromethane, CAS: 75-69-4

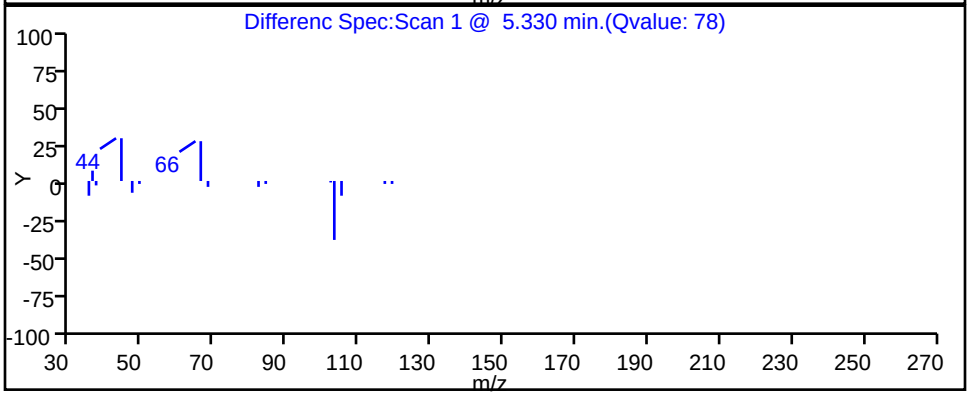












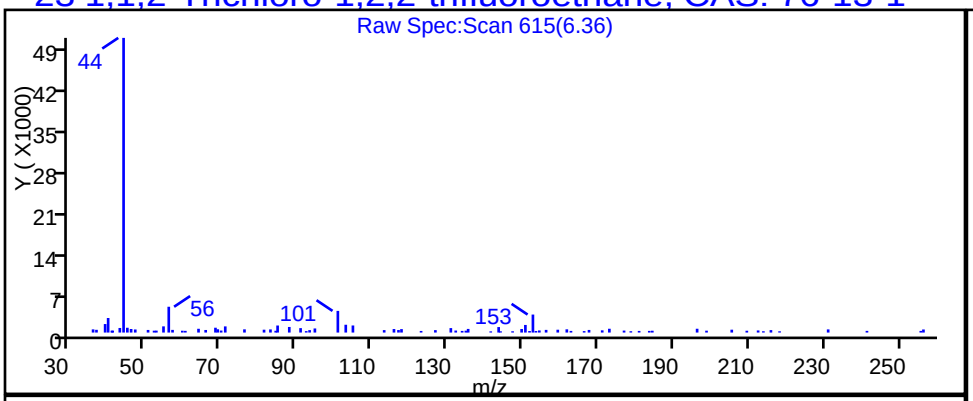
Report Date: 02-Feb-2015 08:44:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

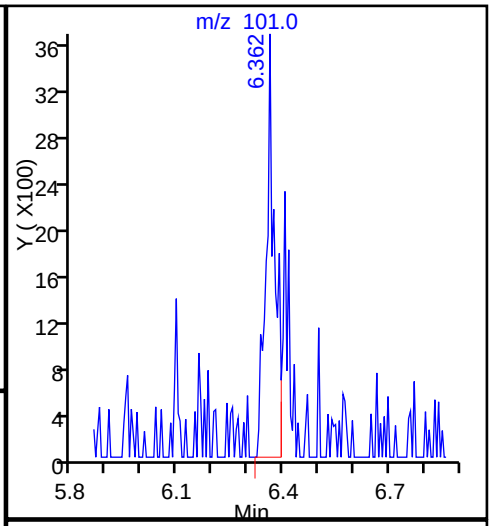
TestAmerica Burlington

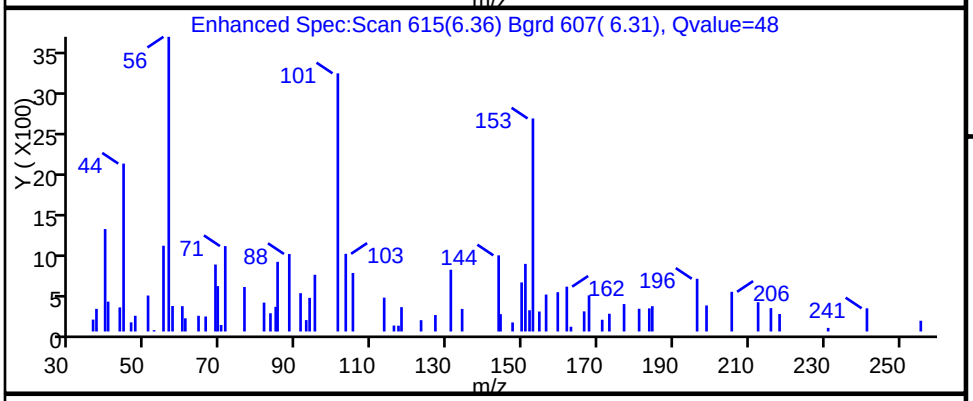
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

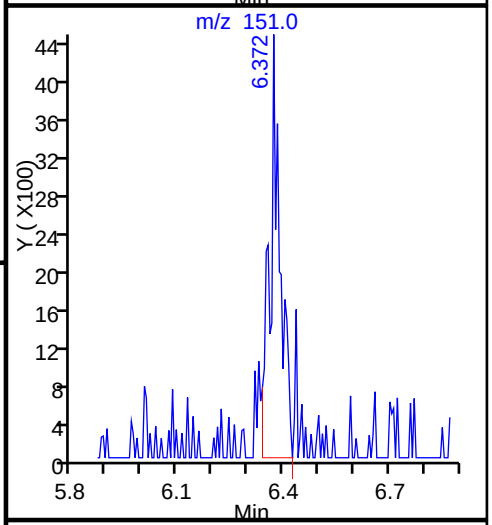
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

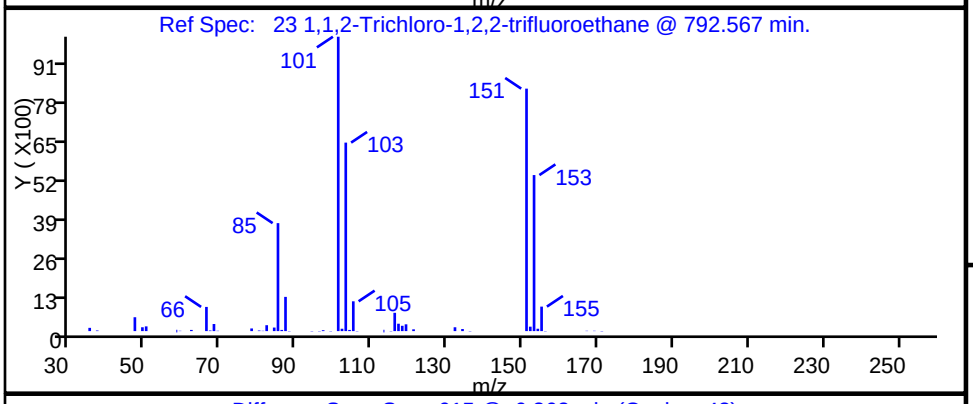
23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

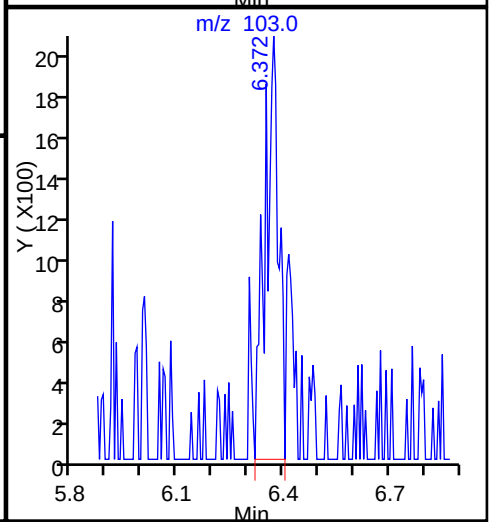


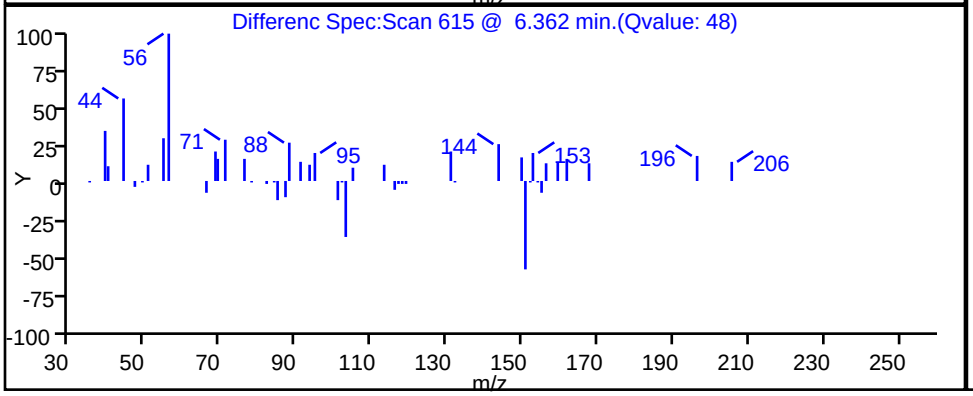












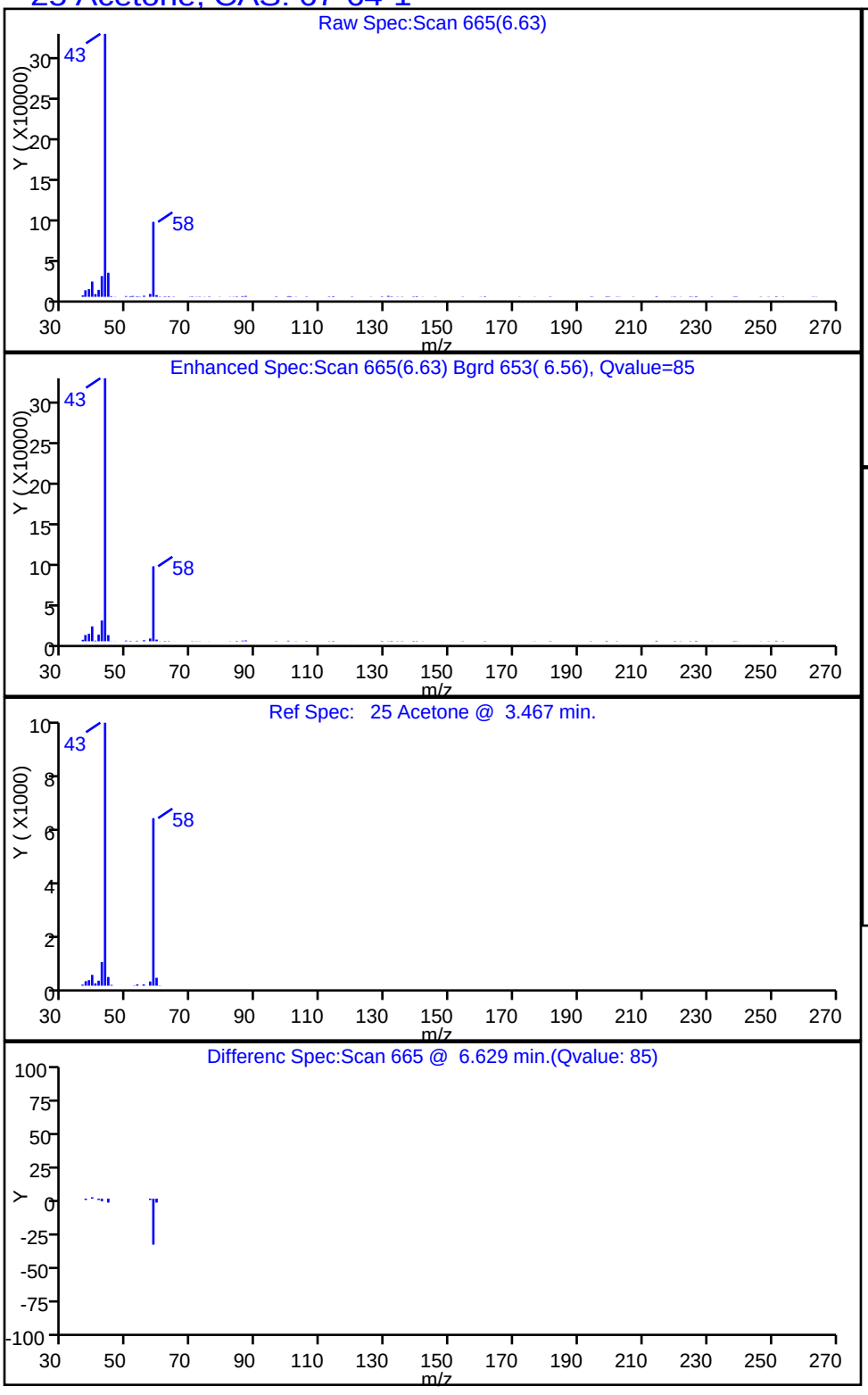
Report Date: 02-Feb-2015 08:44:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

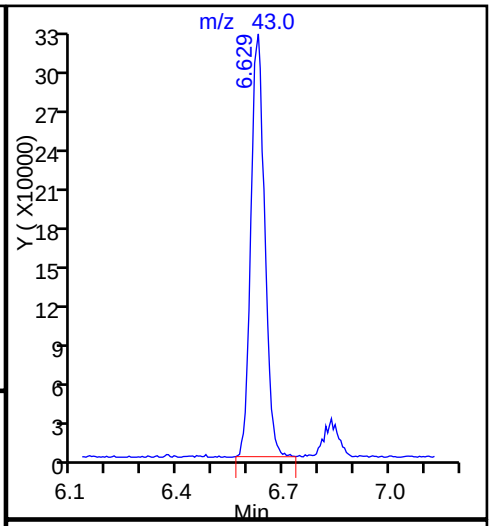
TestAmerica Burlington

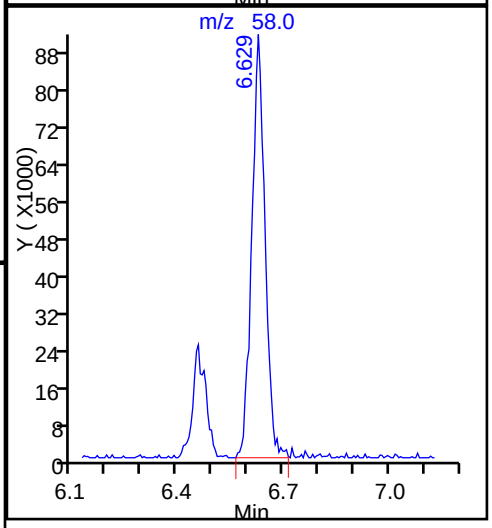
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15
Client ID:	776VMP0101MA		
Operator ID:	pad	ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

25 Acetone, CAS: 67-64-1







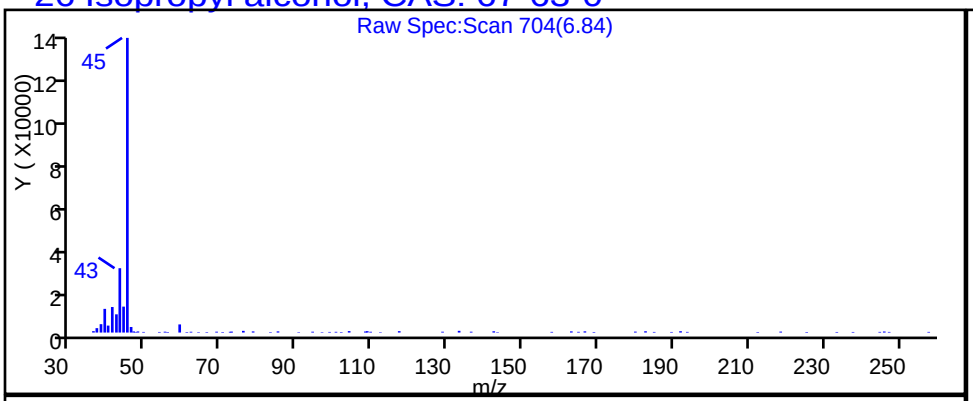
Report Date: 02-Feb-2015 08:44:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

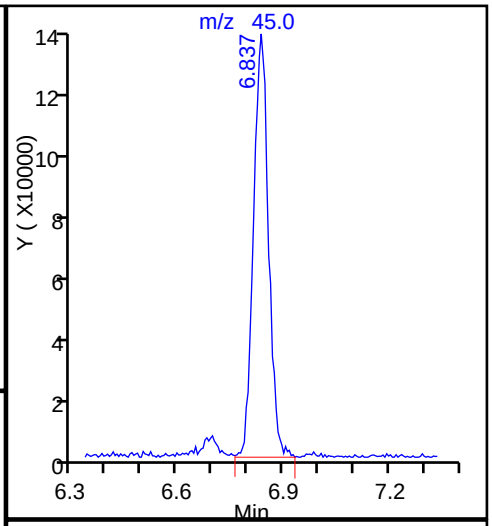
TestAmerica Burlington

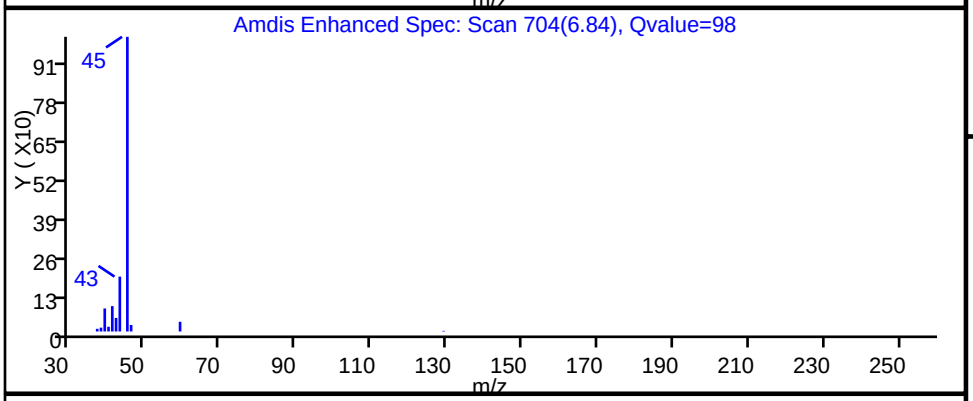
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

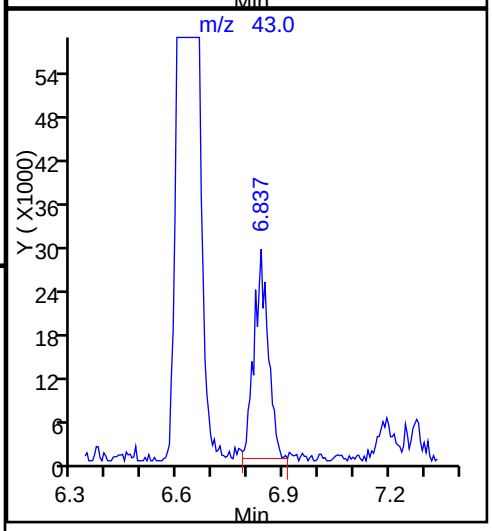
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

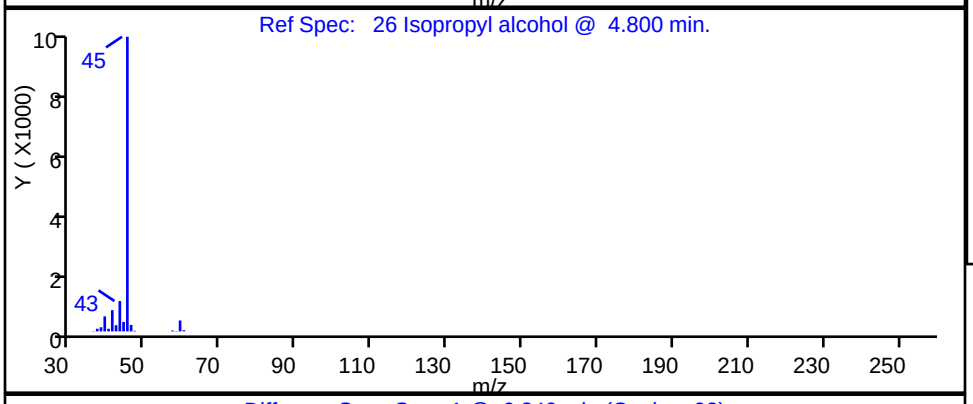
26 Isopropyl alcohol, CAS: 67-63-0

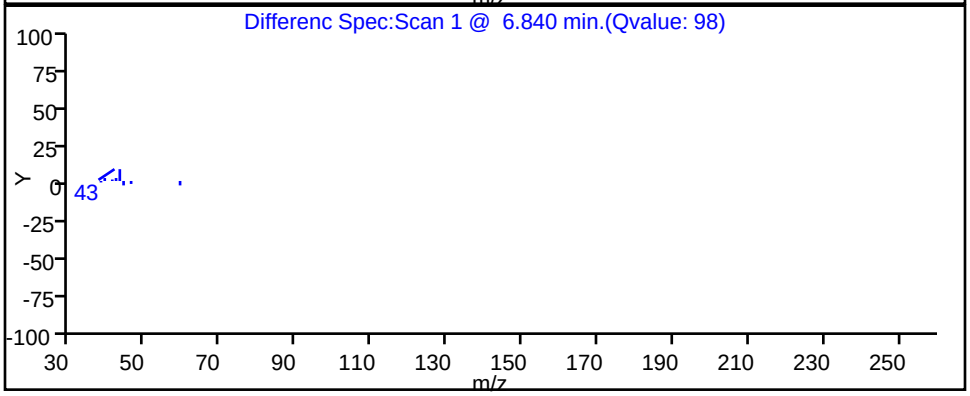






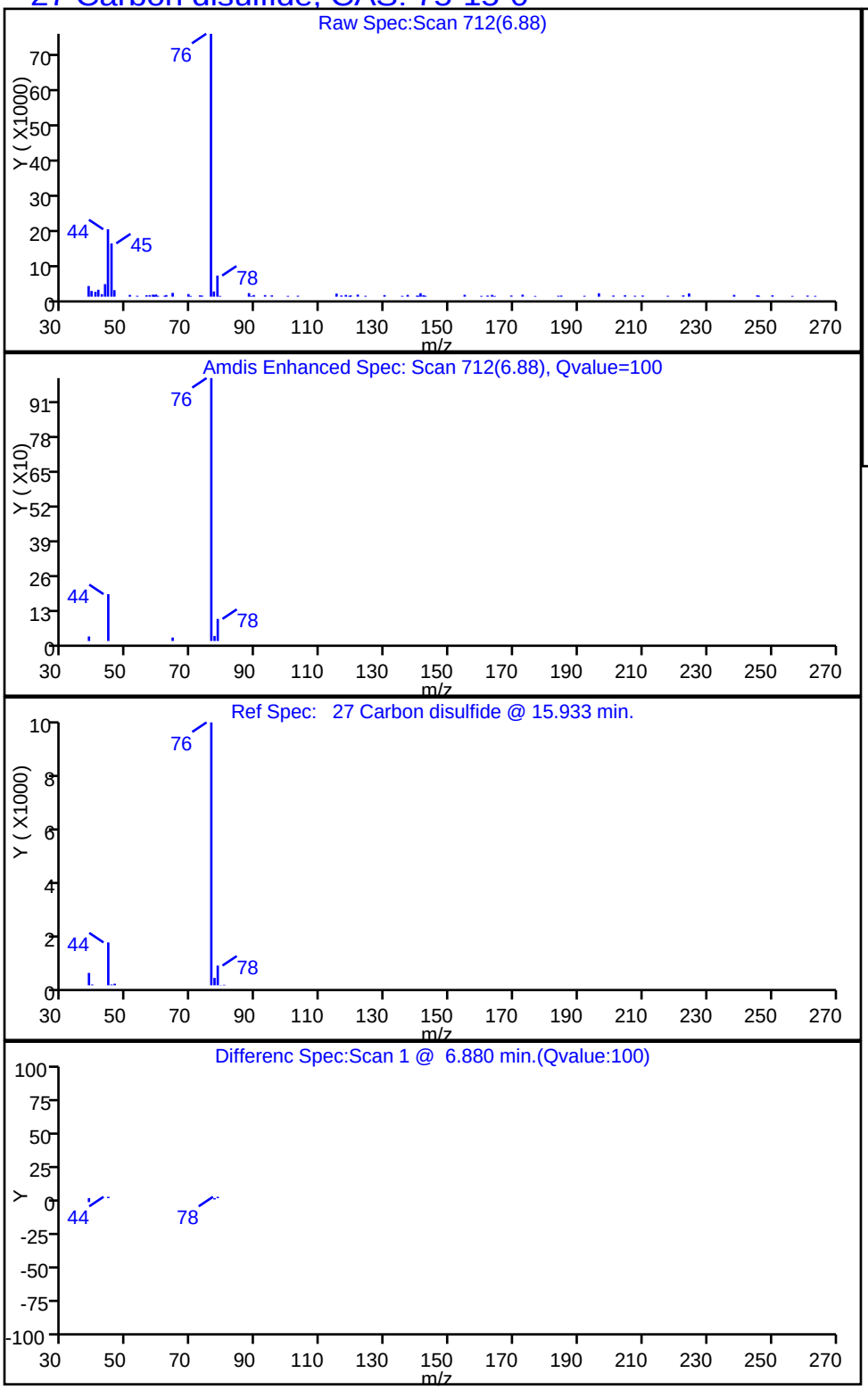


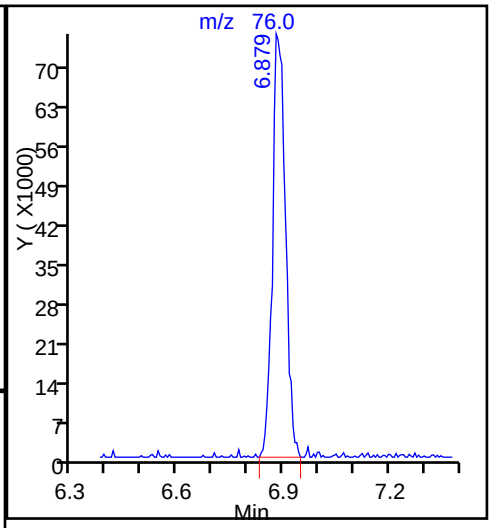




Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D
Injection Date: 30-Jan-2015 08:19:30 Instrument ID: CHB.i
Lims ID: 280-64806-A-15 Lab Sample ID: 200-64806-15
Client ID: 776VMP0101MA
Operator ID: pad ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

27 Carbon disulfide, CAS: 75-15-0





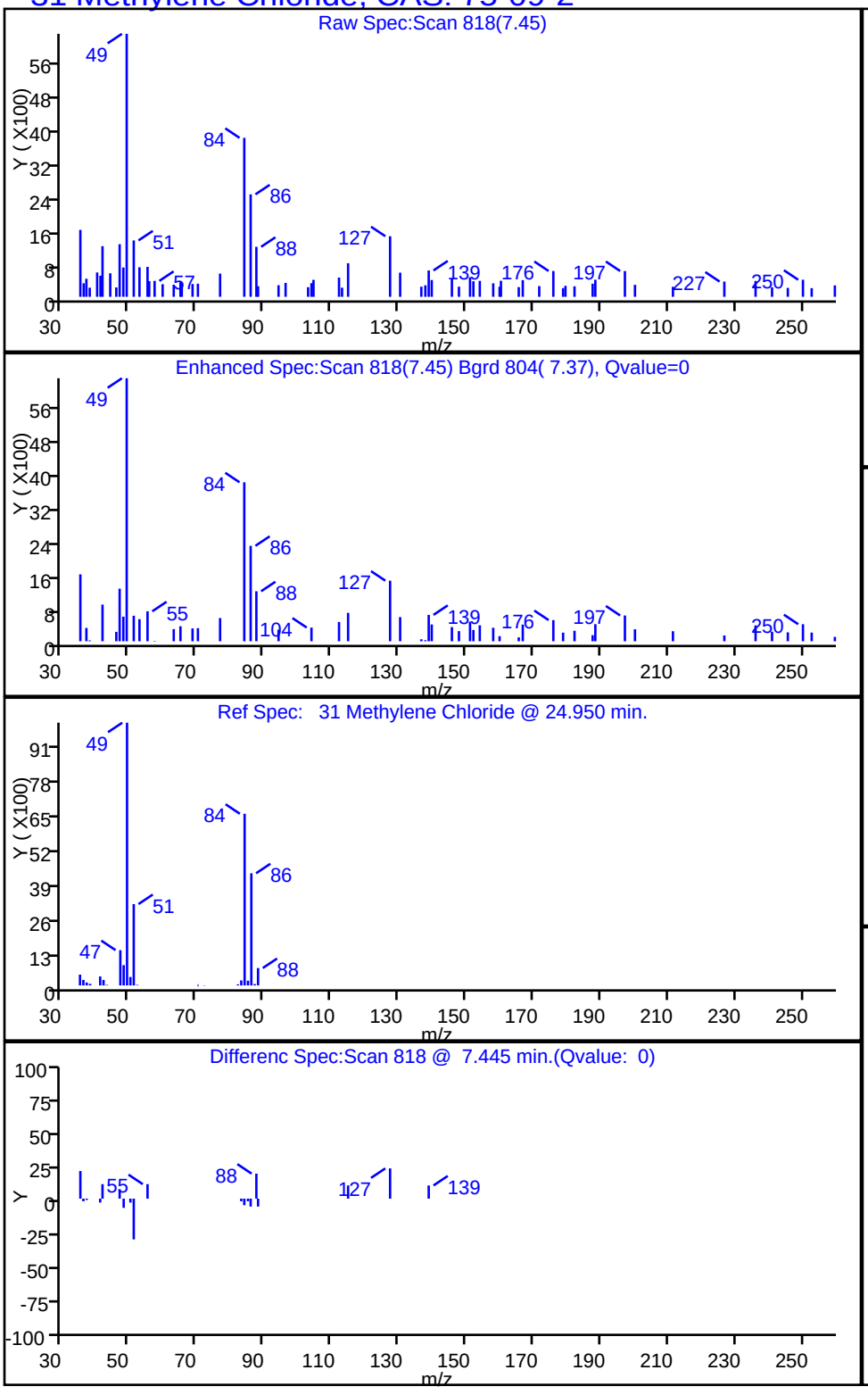
Report Date: 02-Feb-2015 08:44:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

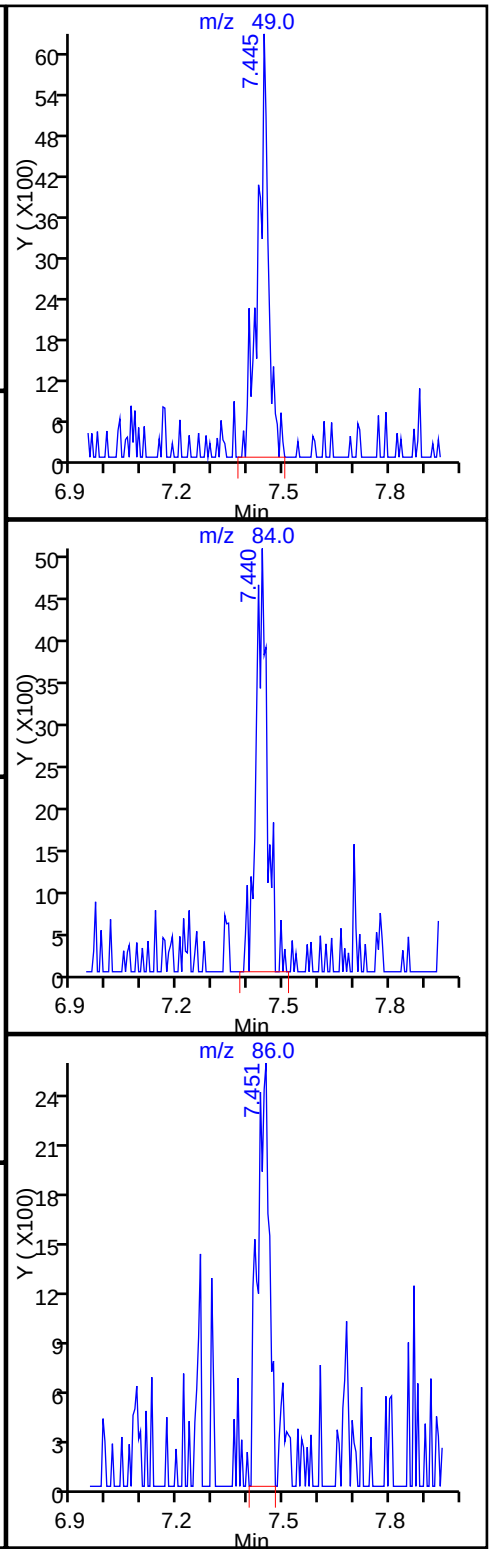
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15
Client ID:	776VMP0101MA		
Operator ID:	pad	ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

31 Methylene Chloride, CAS: 75-09-2





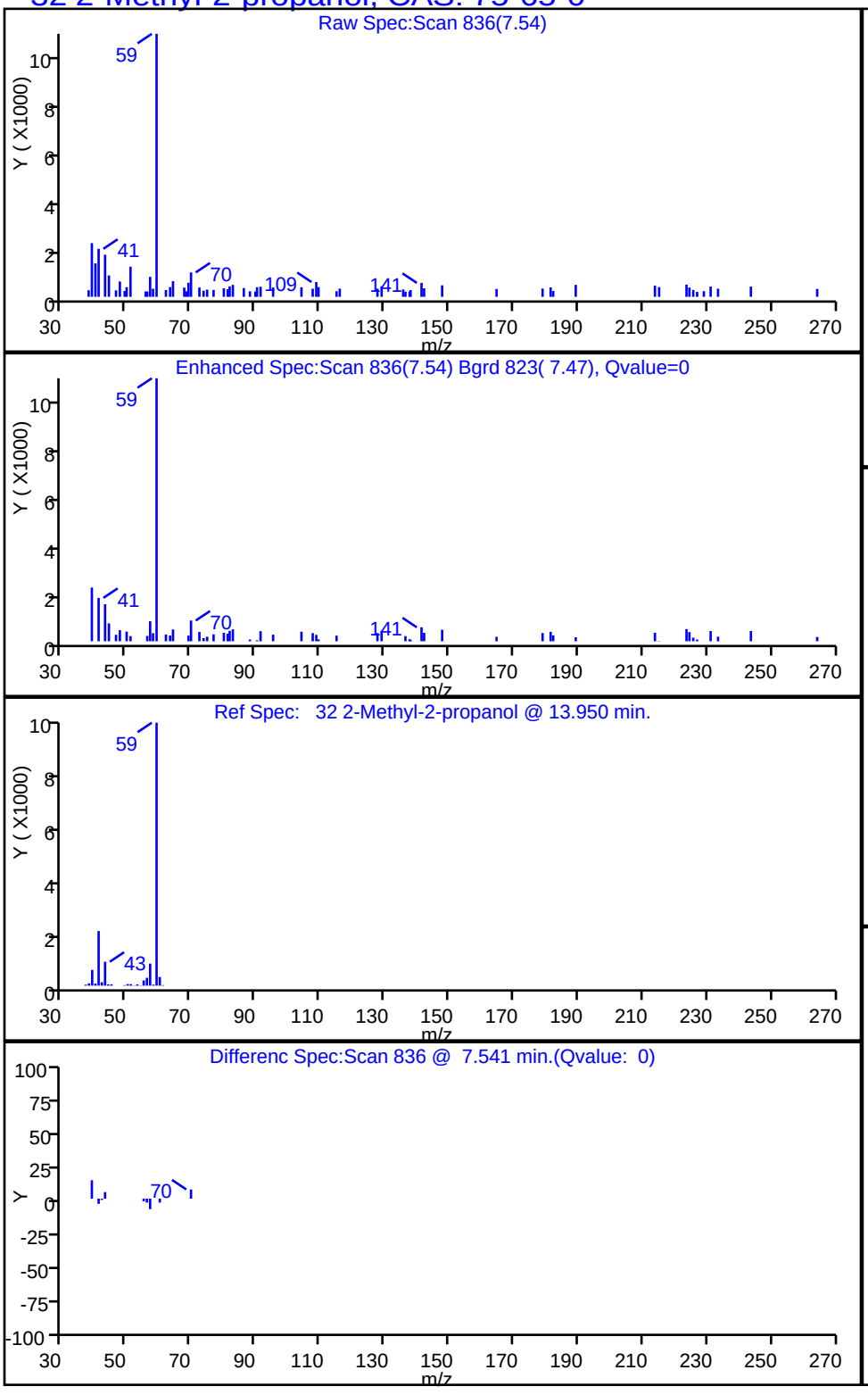
Report Date: 02-Feb-2015 08:44:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

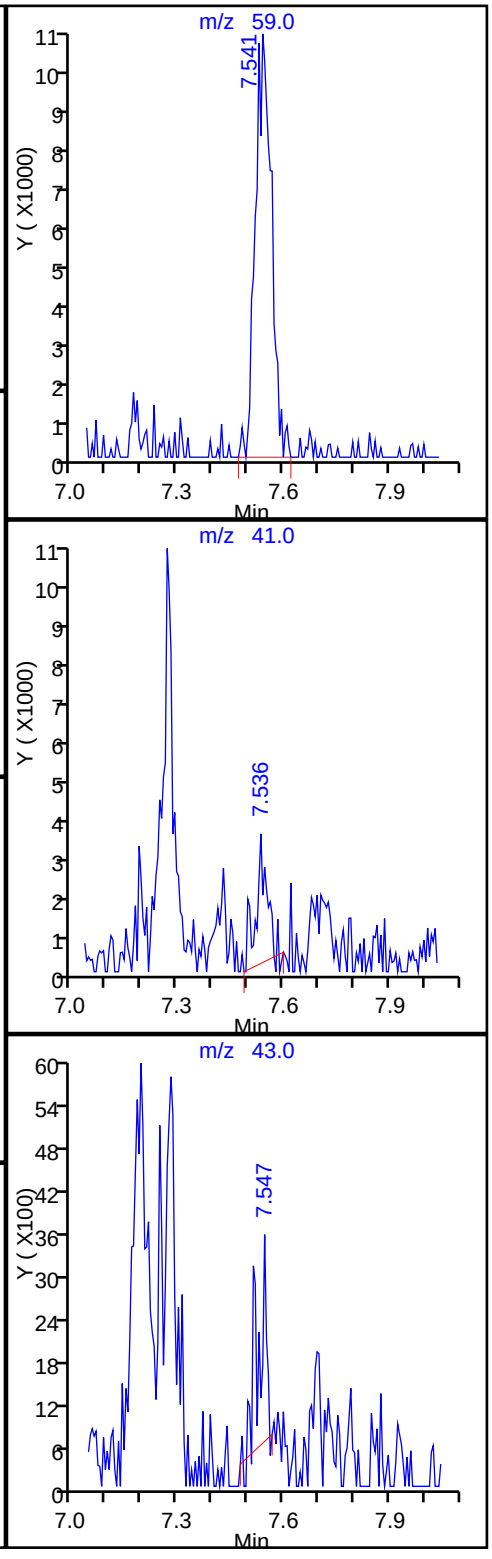
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

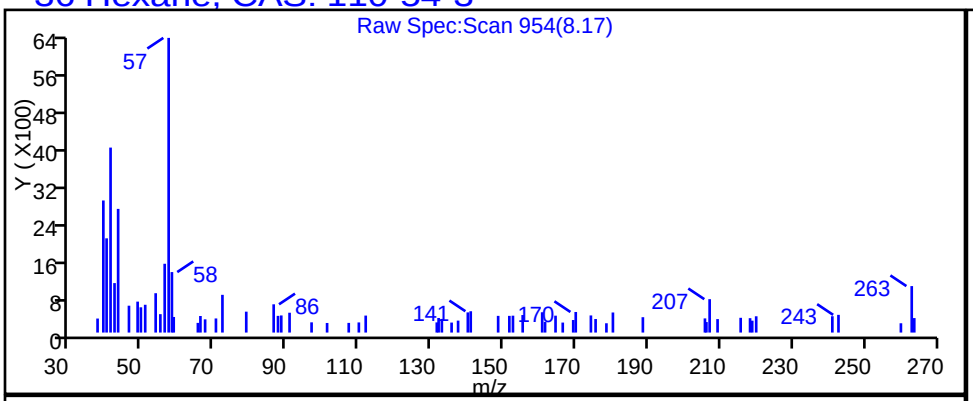
32 2-Methyl-2-propanol, CAS: 75-65-0

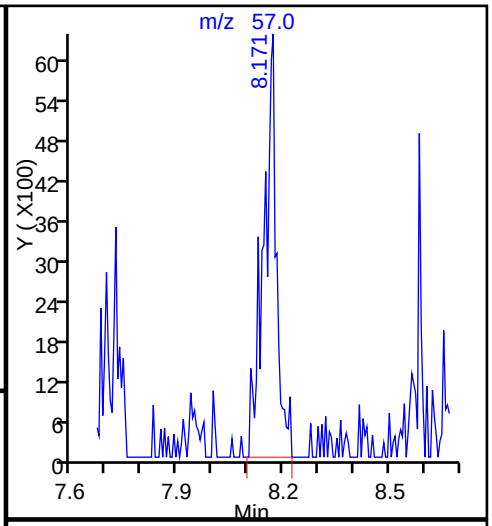


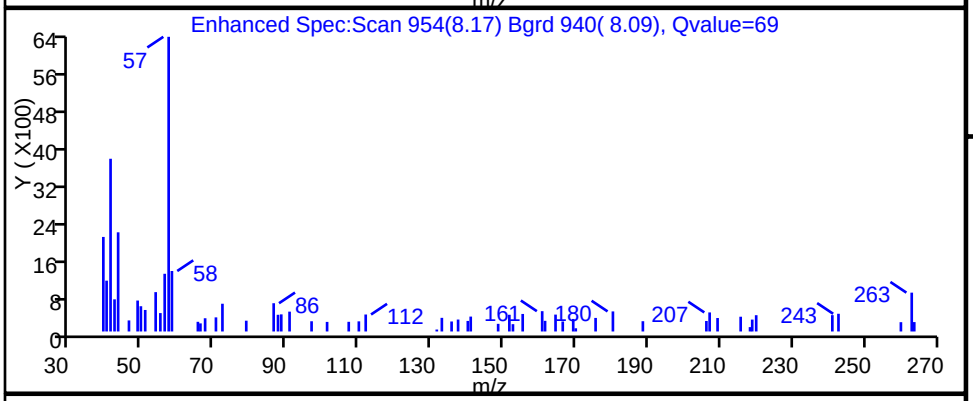


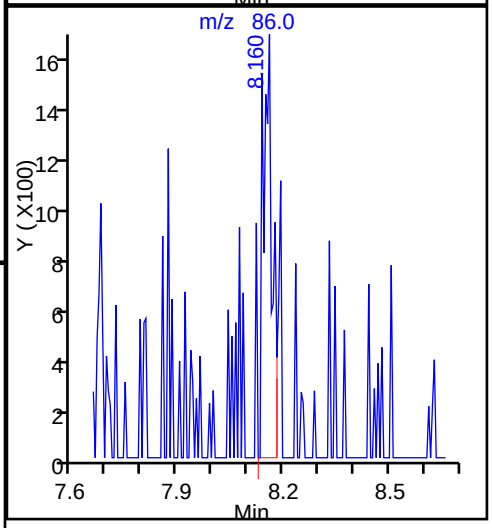
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

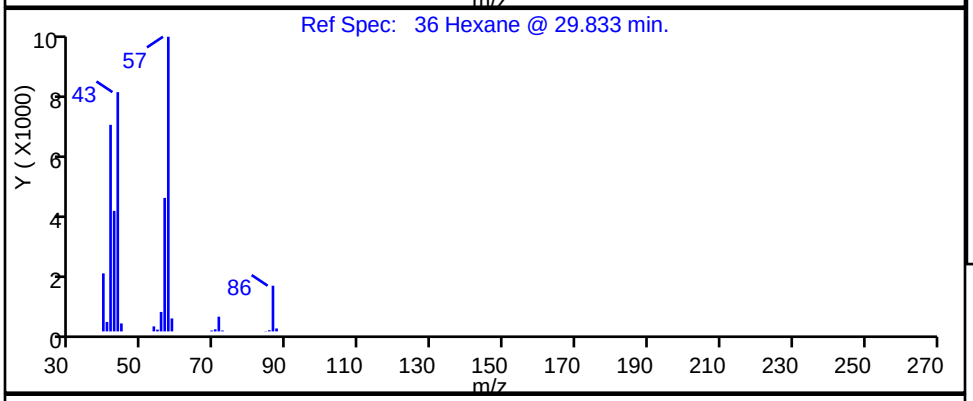
36 Hexane, CAS: 110-54-3

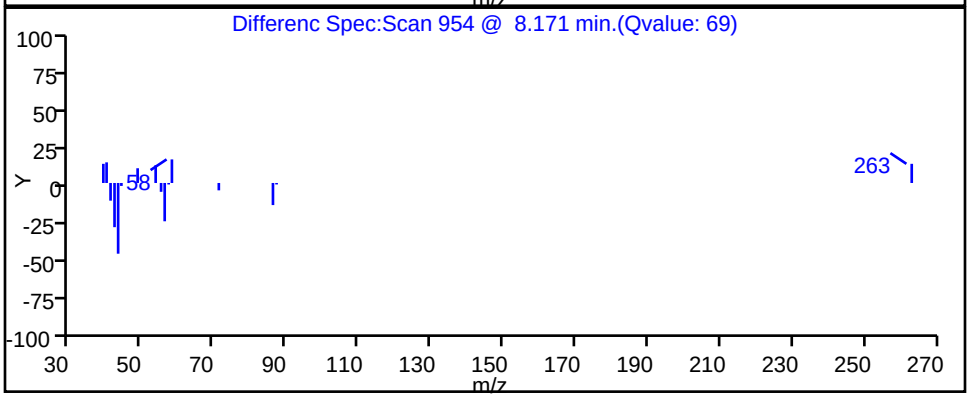








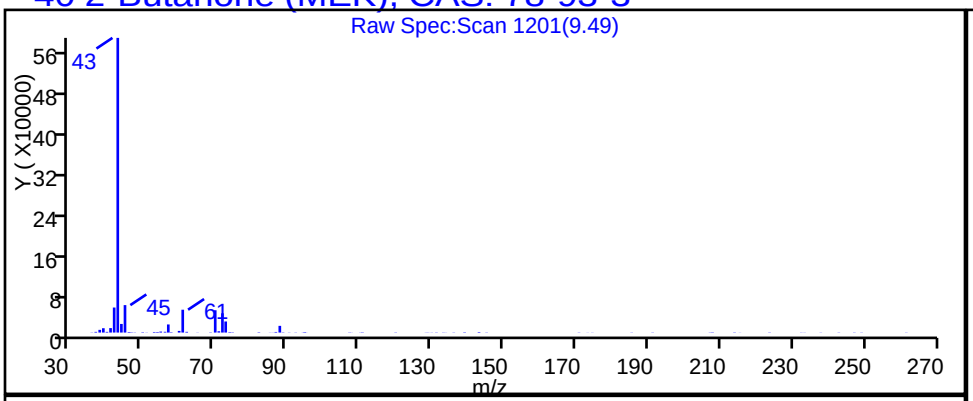


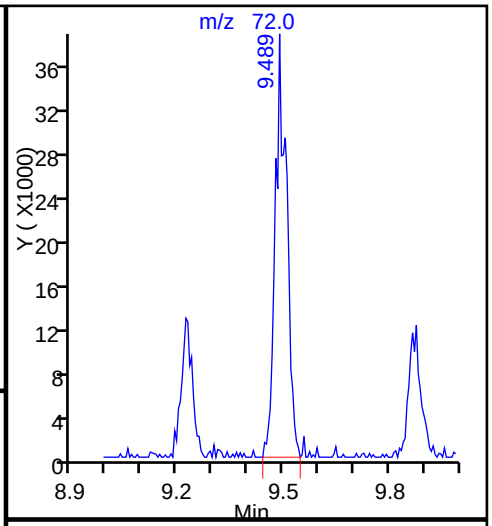


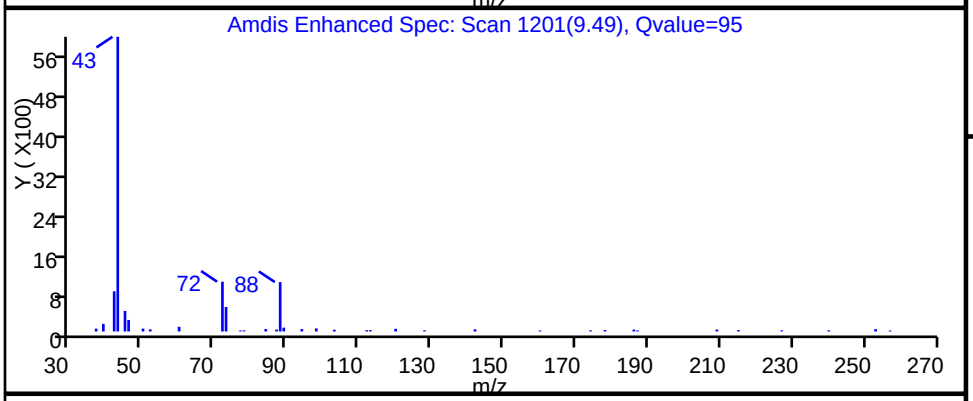
TestAmerica Burlington

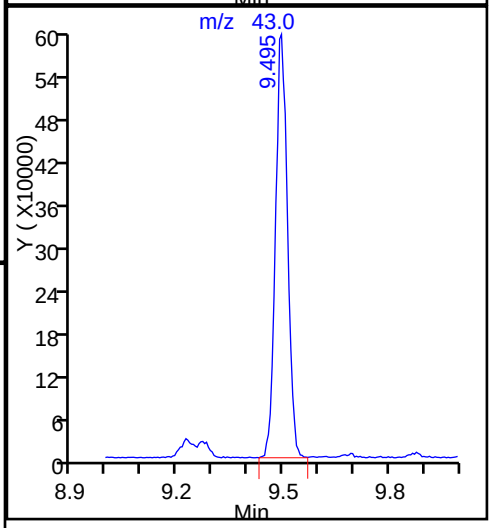
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

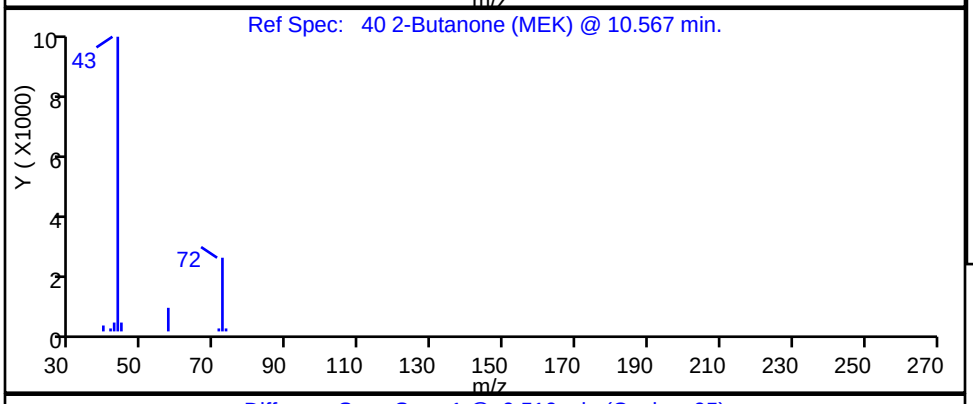
40 2-Butanone (MEK), CAS: 78-93-3

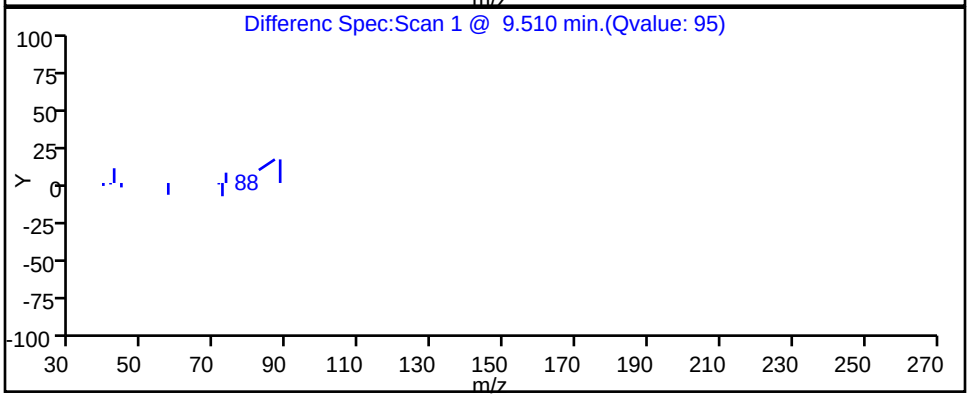












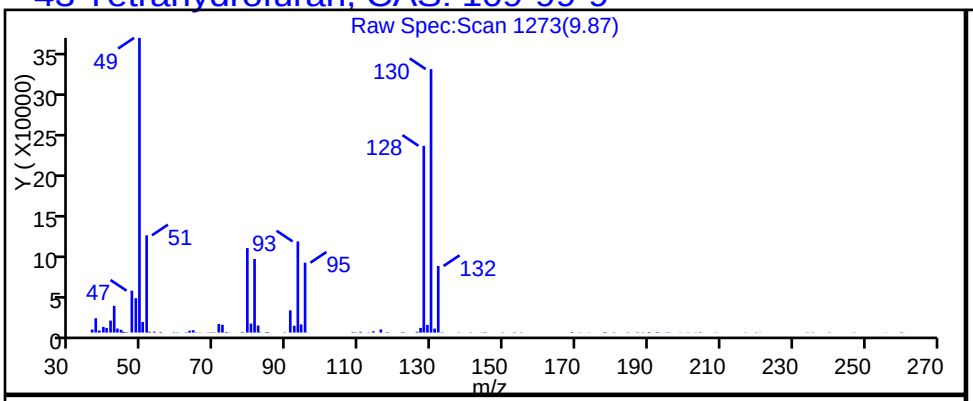
Report Date: 02-Feb-2015 08:44:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

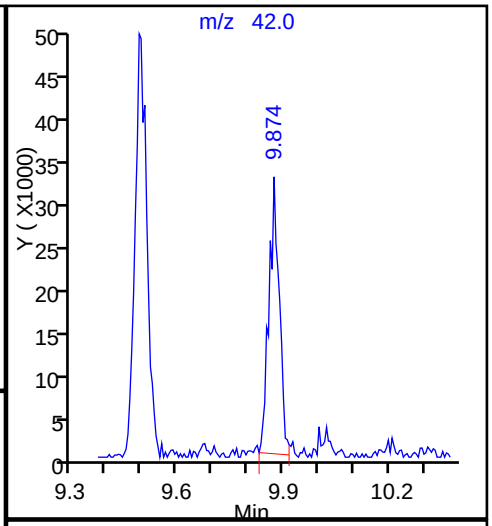
TestAmerica Burlington

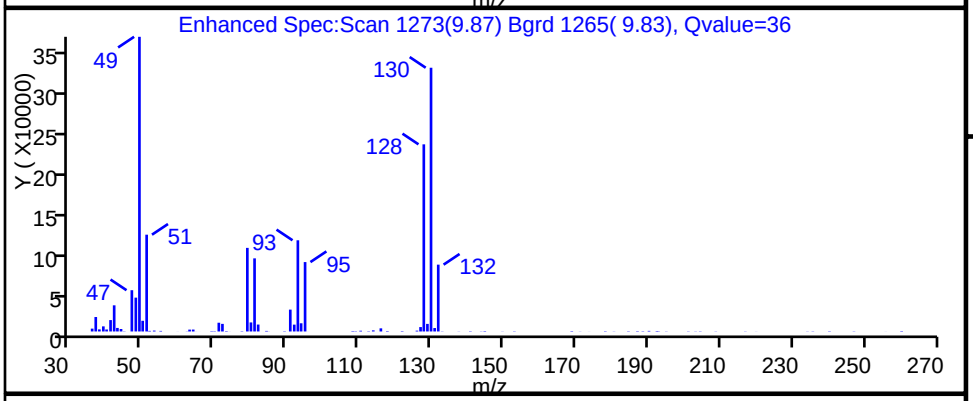
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

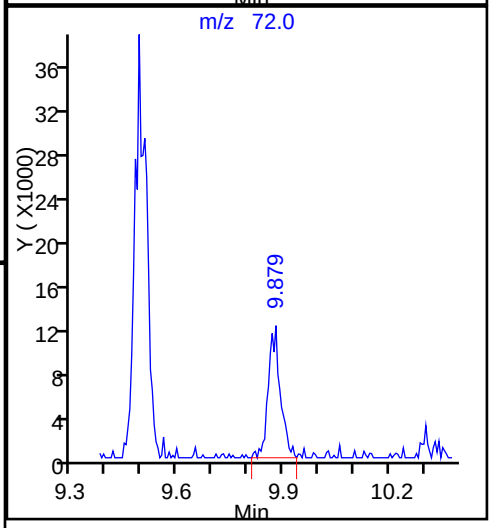
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

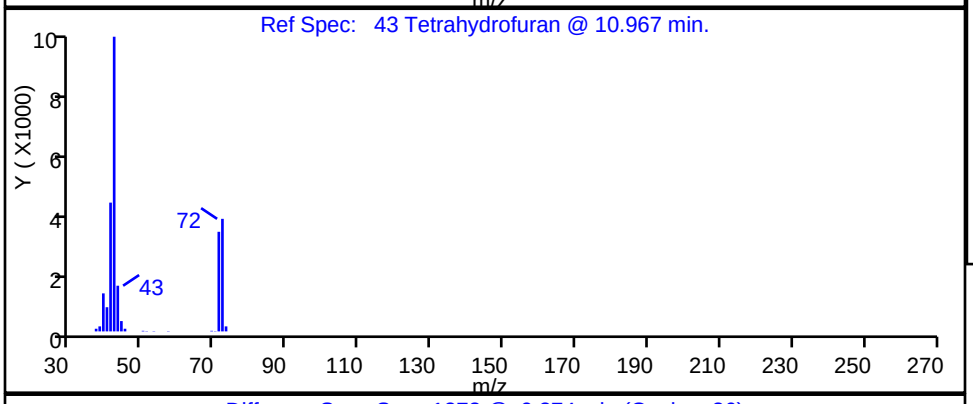
43 Tetrahydrofuran, CAS: 109-99-9

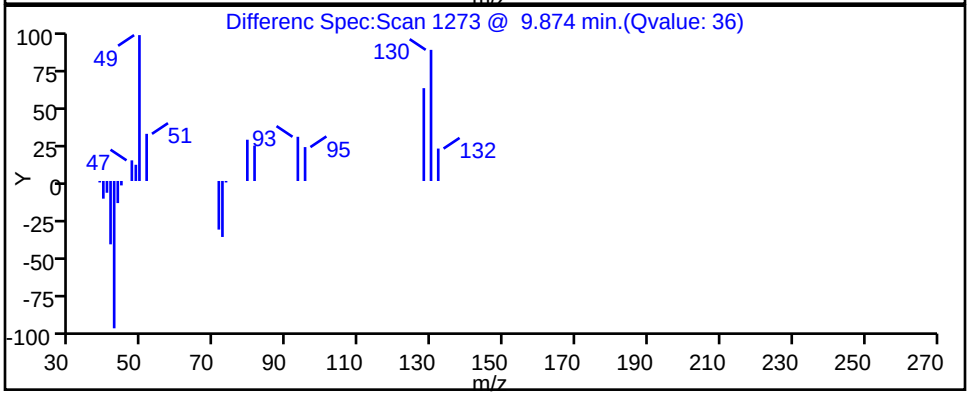








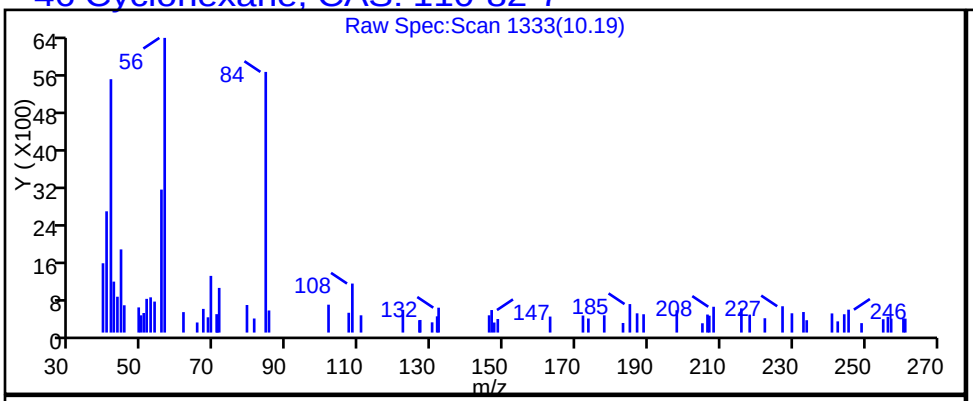


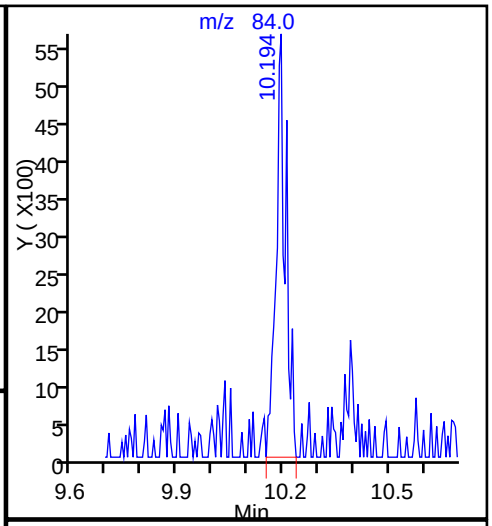


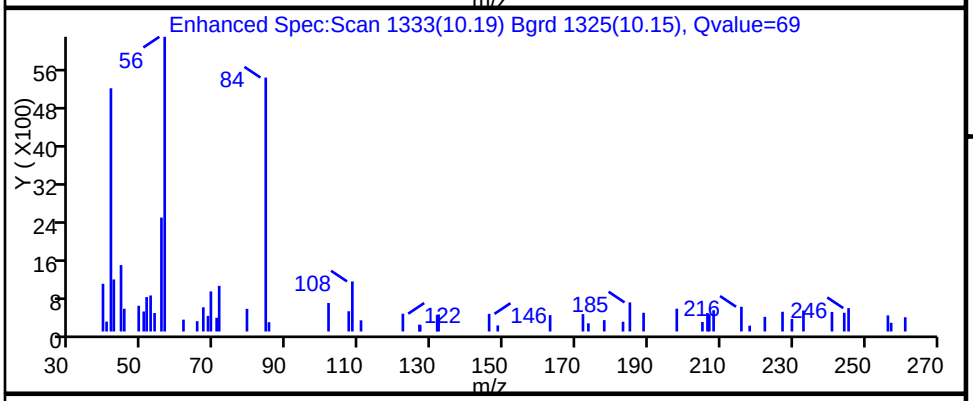
TestAmerica Burlington

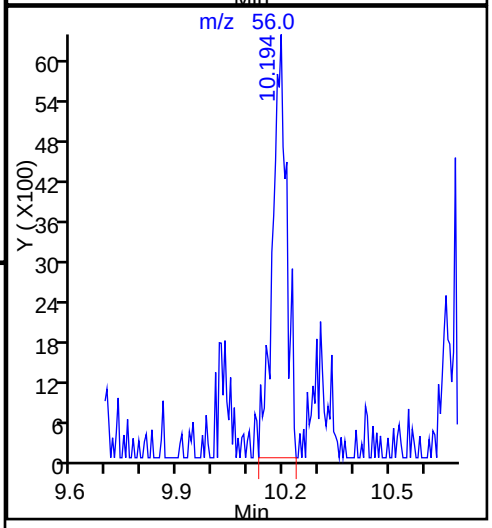
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

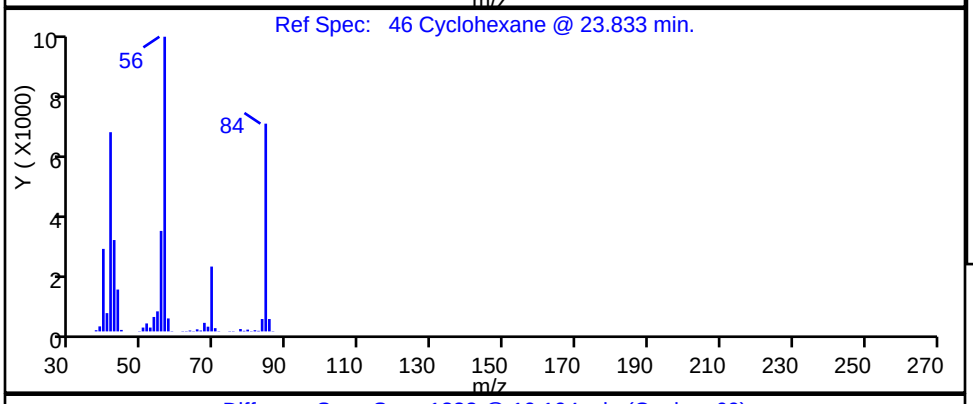
46 Cyclohexane, CAS: 110-82-7

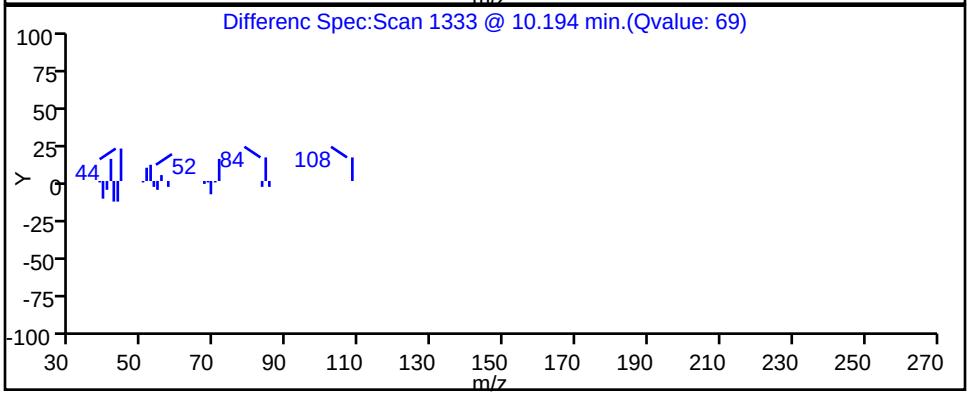






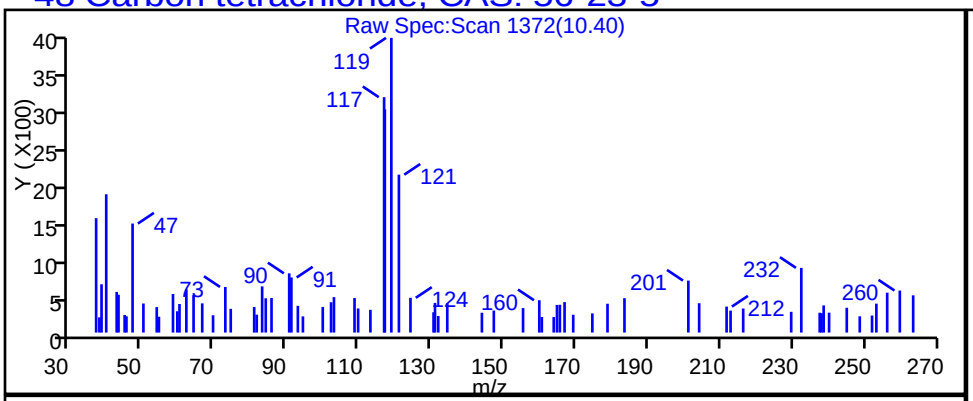


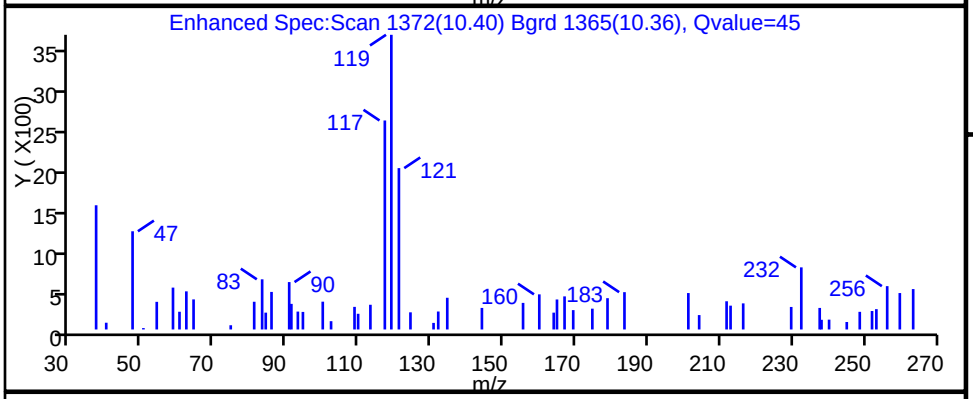


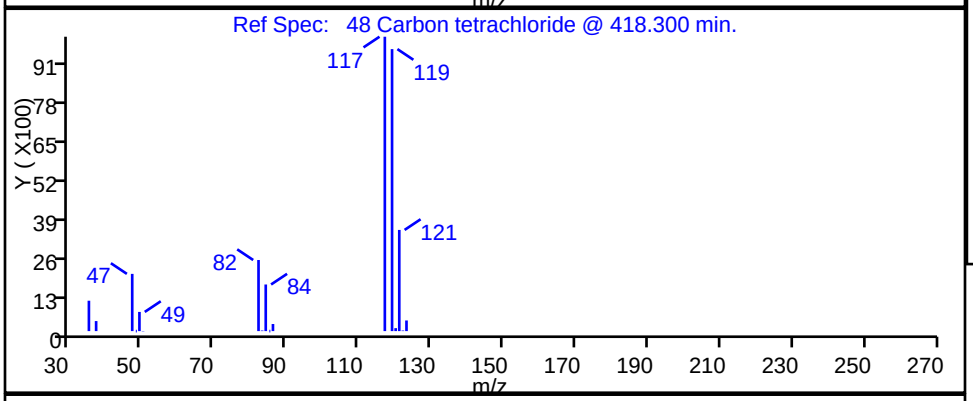


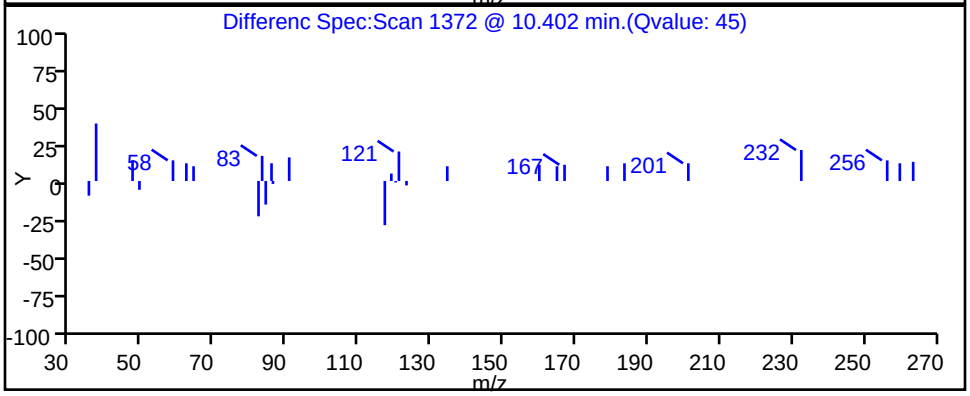
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D
Injection Date: 30-Jan-2015 08:19:30 Instrument ID: CHB.i
Lims ID: 280-64806-A-15 Lab Sample ID: 200-64806-15
Client ID: 776VMP0101MA
Operator ID: pad ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

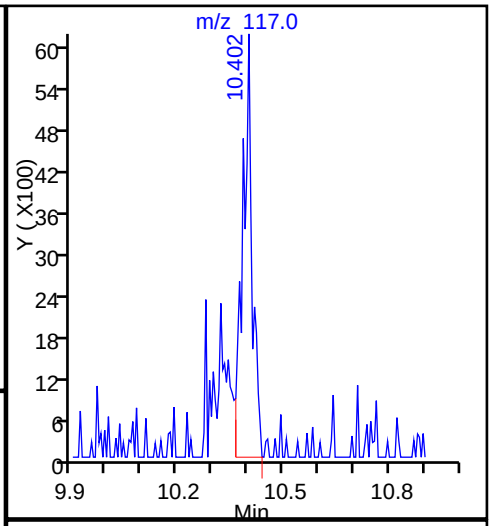
48 Carbon tetrachloride, CAS: 56-23-5

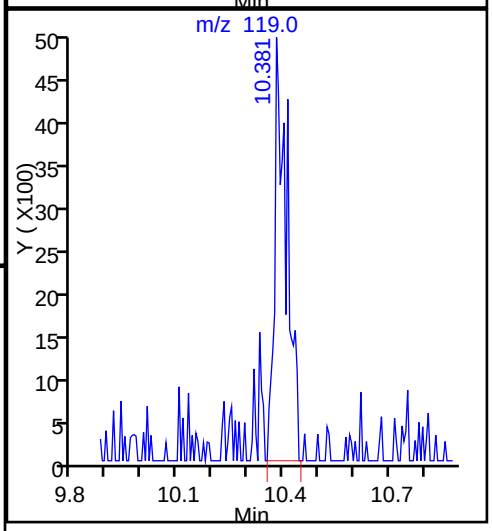










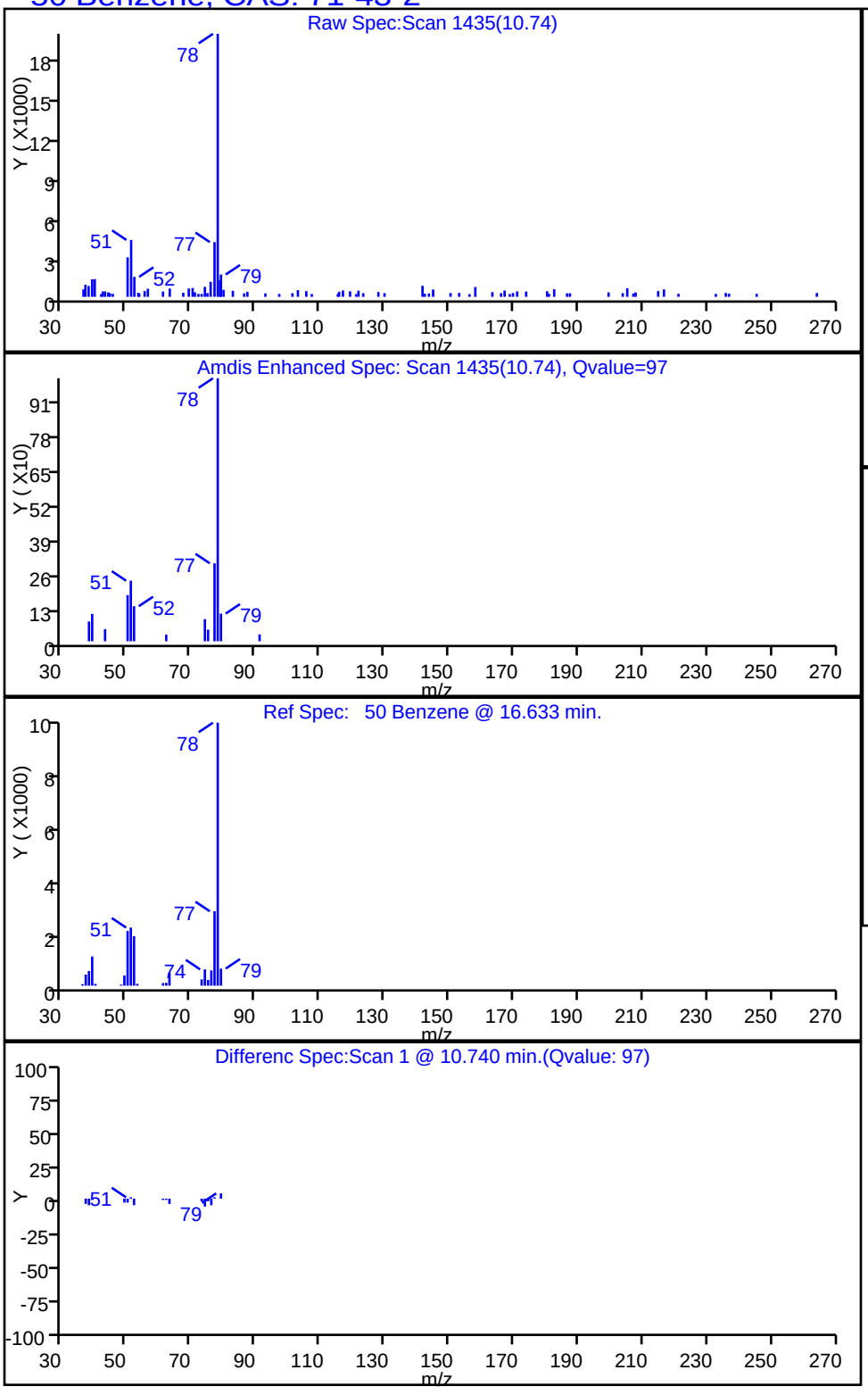


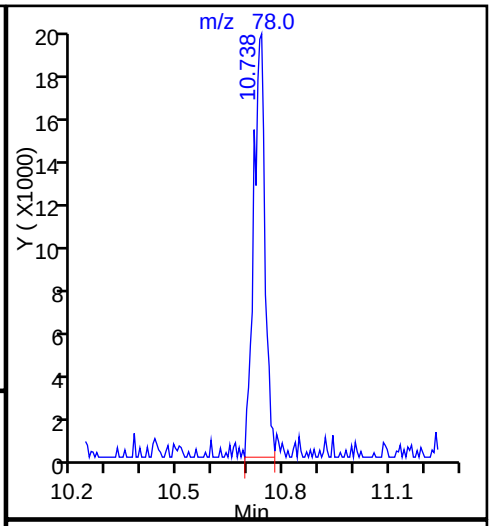
Report Date: 02-Feb-2015 08:44:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

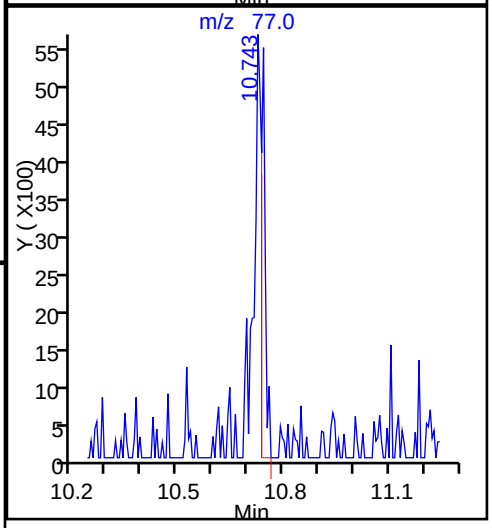
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Benzene, CAS: 71-43-2





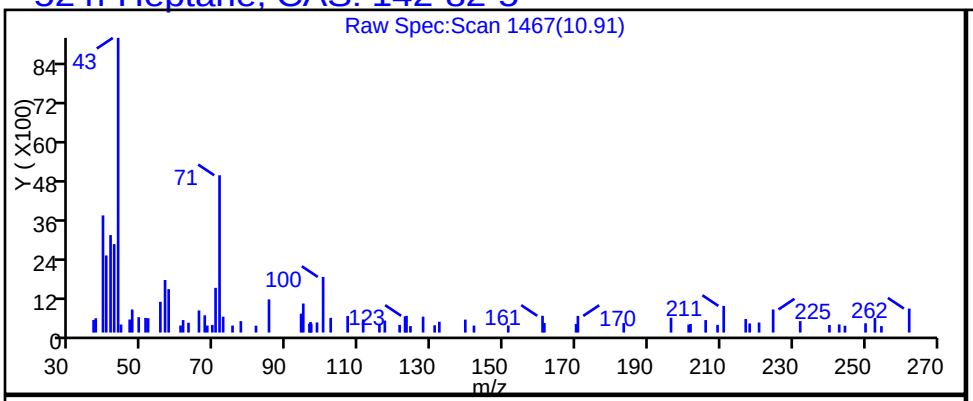


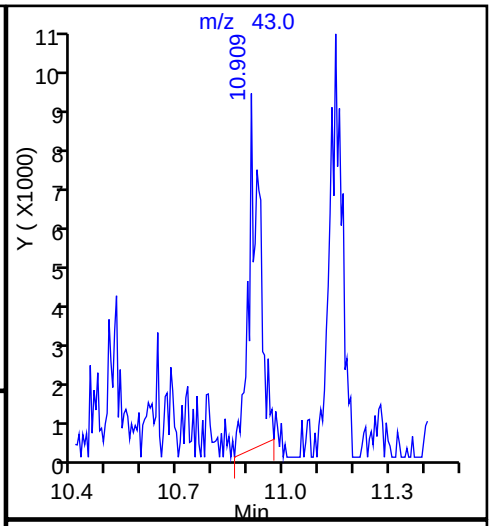
Report Date: 02-Feb-2015 08:44:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

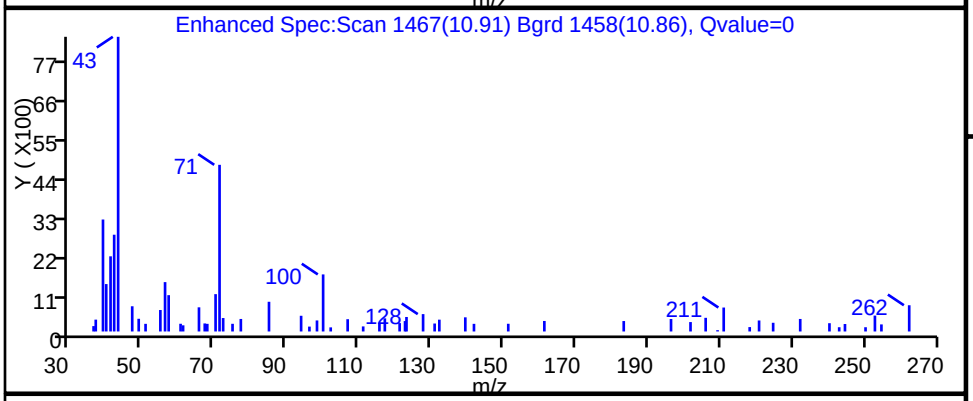
TestAmerica Burlington

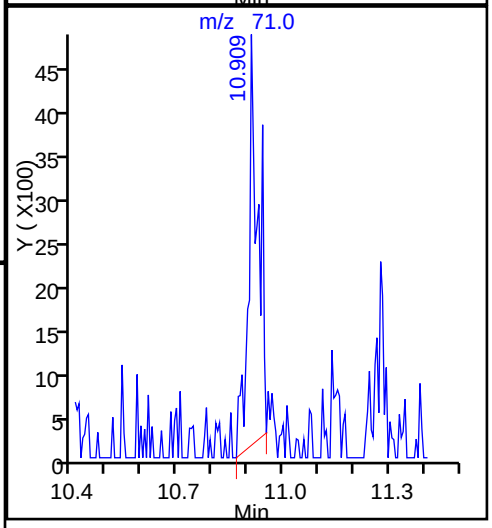
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

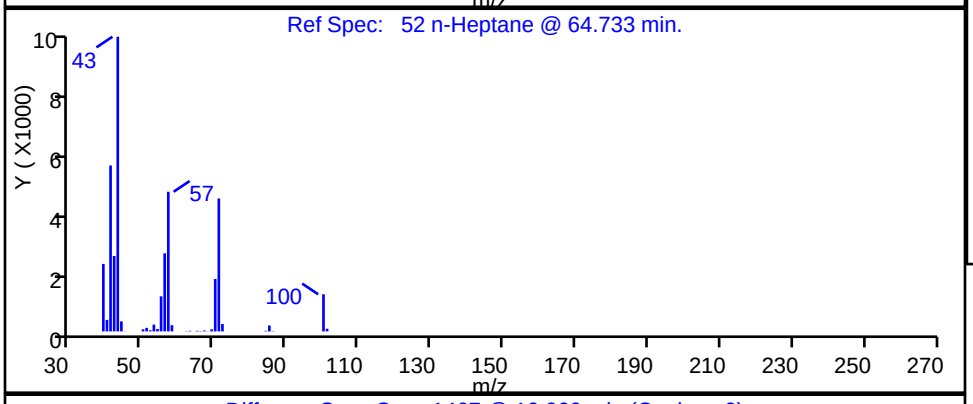
52 n-Heptane, CAS: 142-82-5

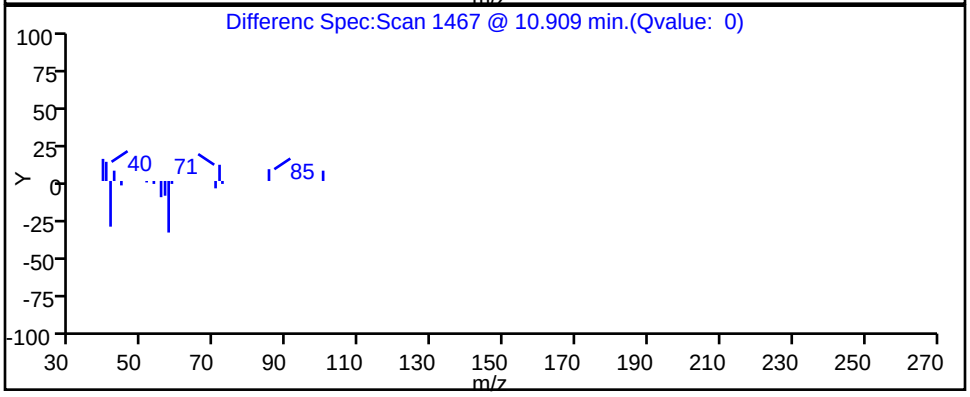








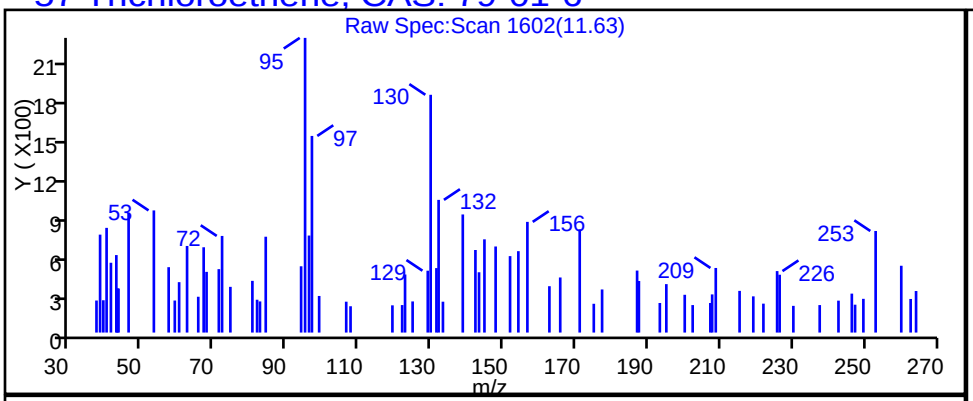


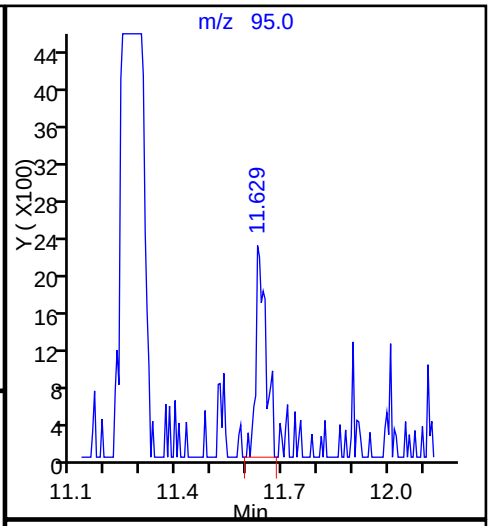


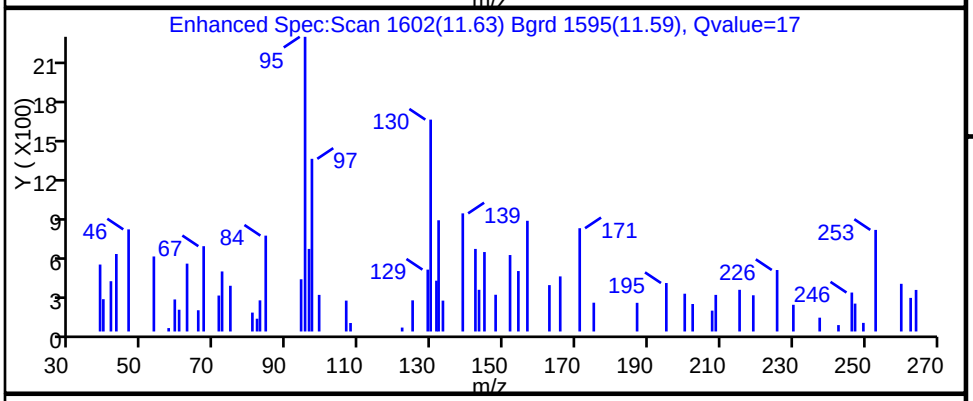
TestAmerica Burlington

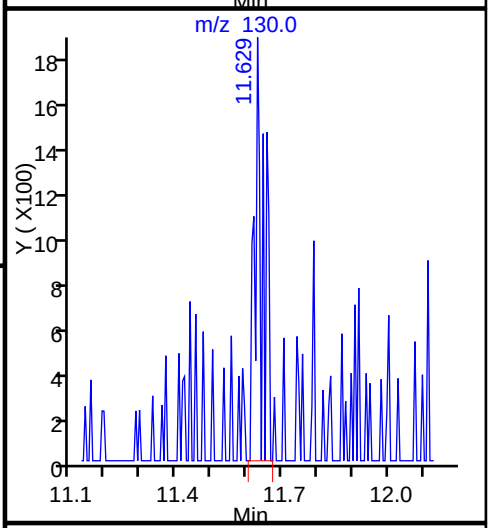
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D		
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15
Client ID:	776VMP0101MA		
Operator ID:	pad	ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

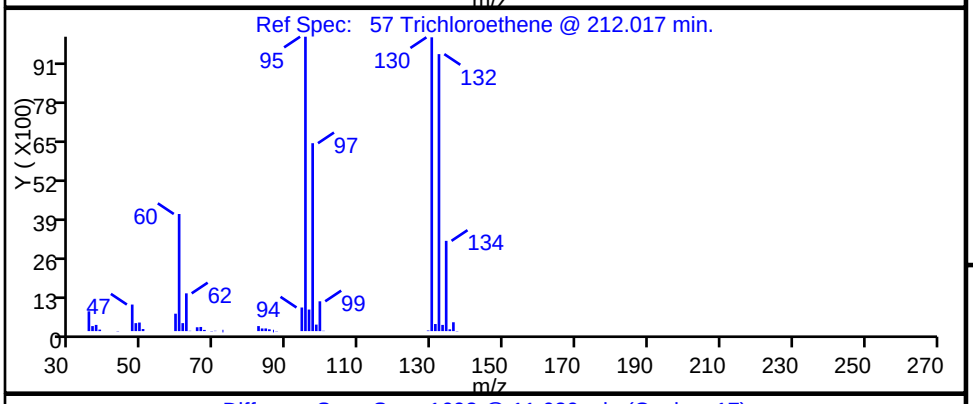
57 Trichloroethene, CAS: 79-01-6

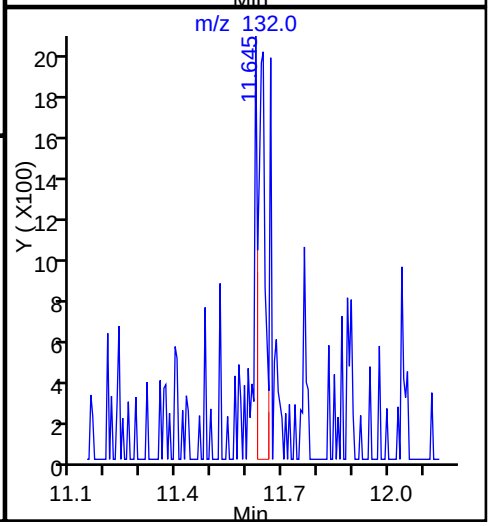


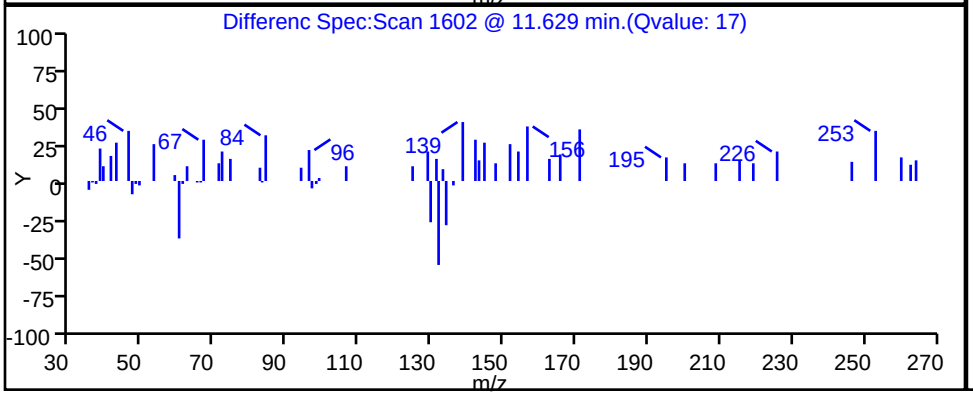












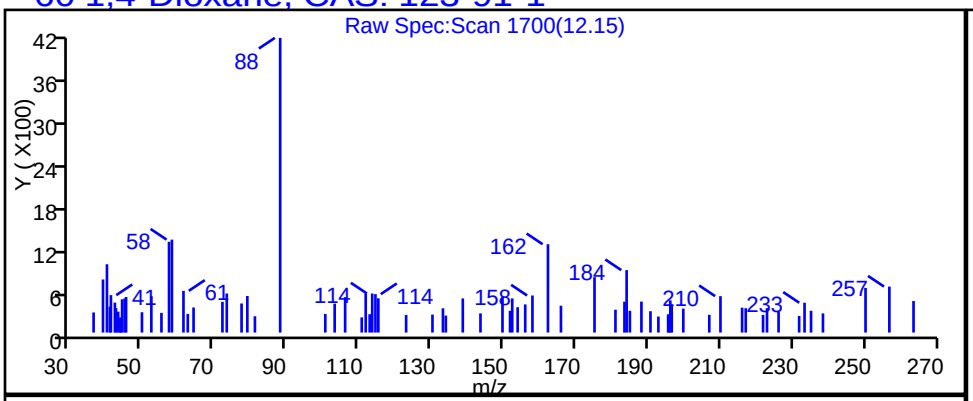
Report Date: 02-Feb-2015 08:44:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

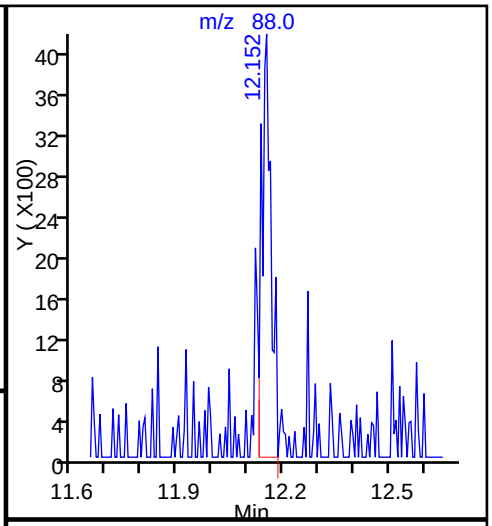
TestAmerica Burlington

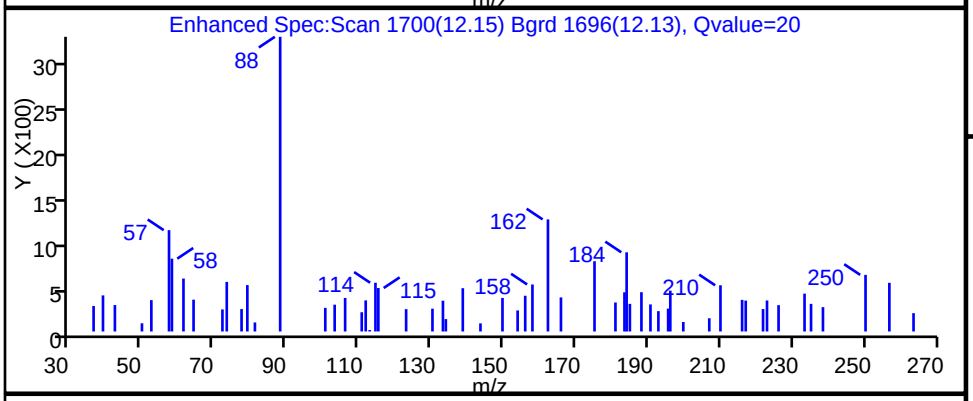
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

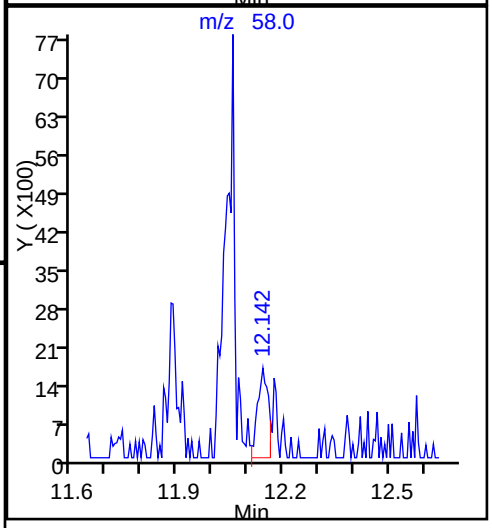
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

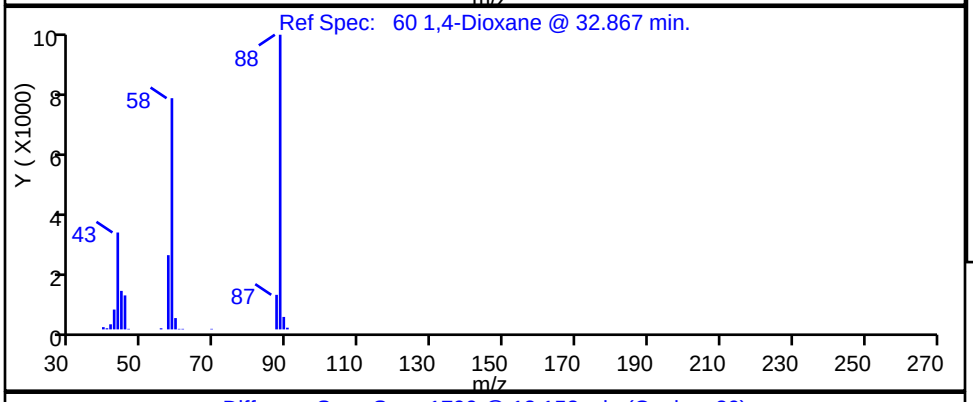
60 1,4-Dioxane, CAS: 123-91-1

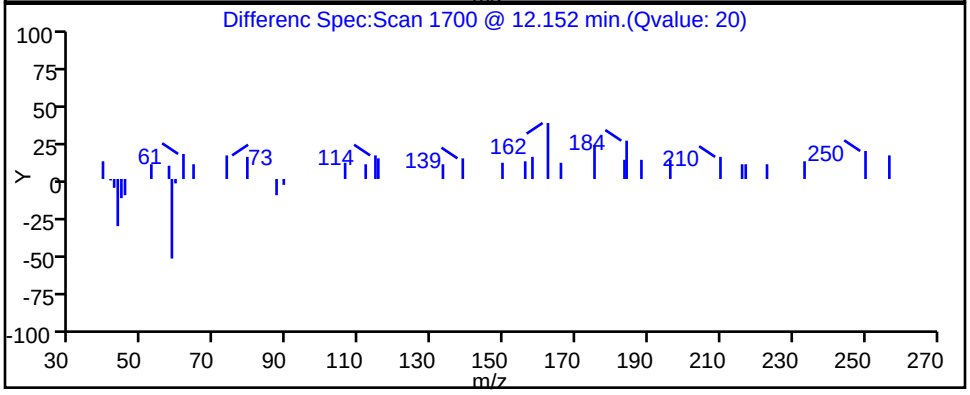












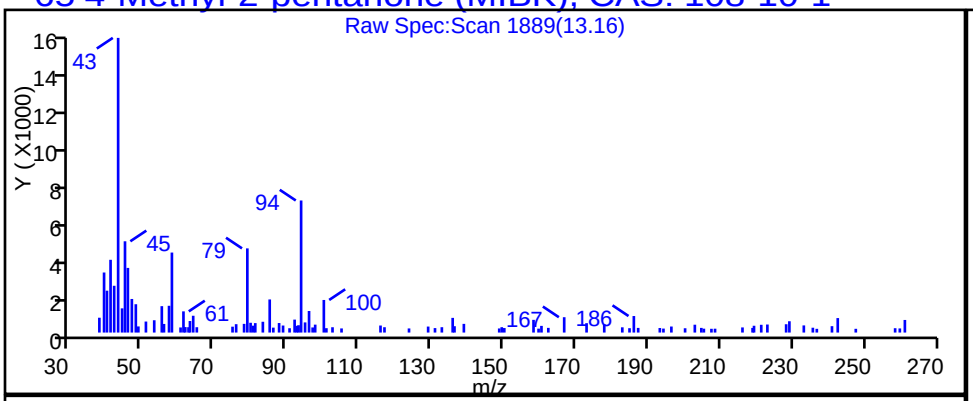
Report Date: 02-Feb-2015 08:44:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

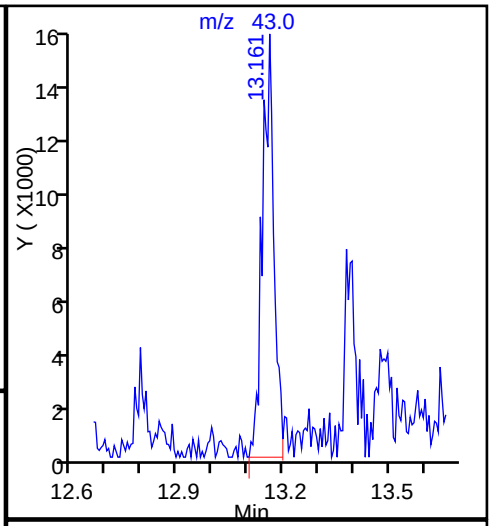
TestAmerica Burlington

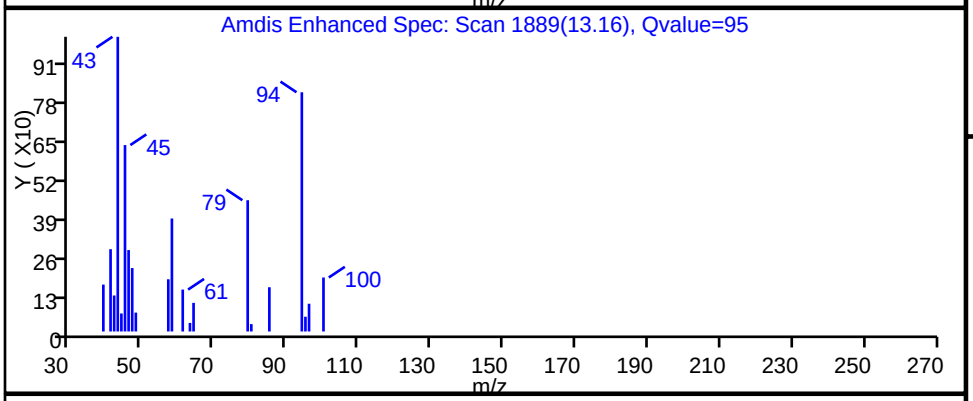
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

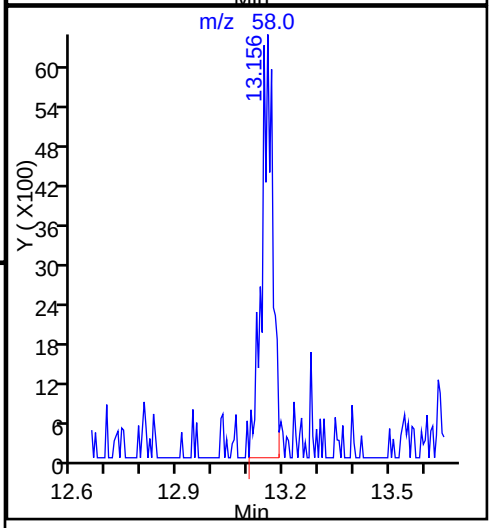
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

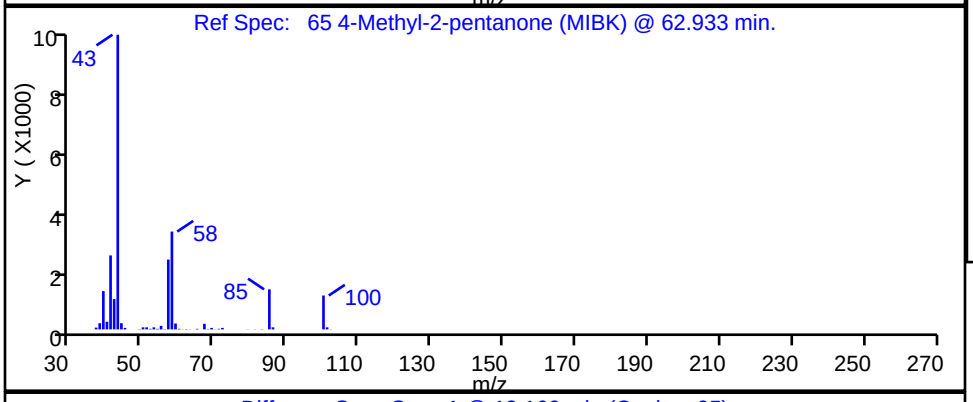
65 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

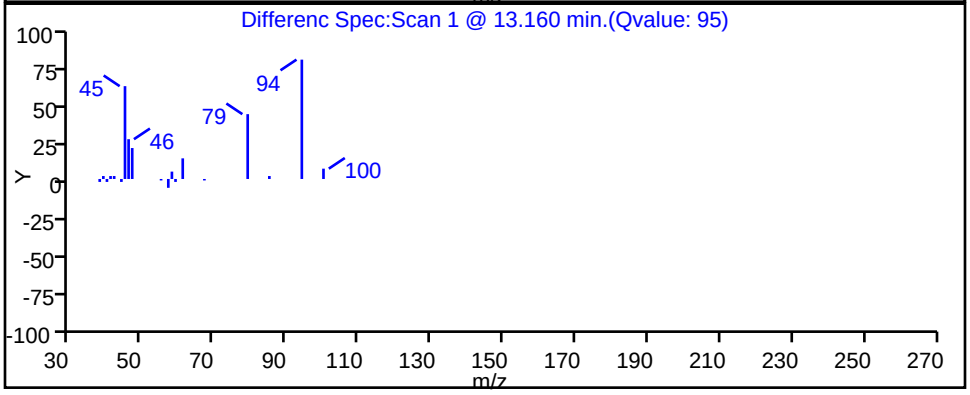










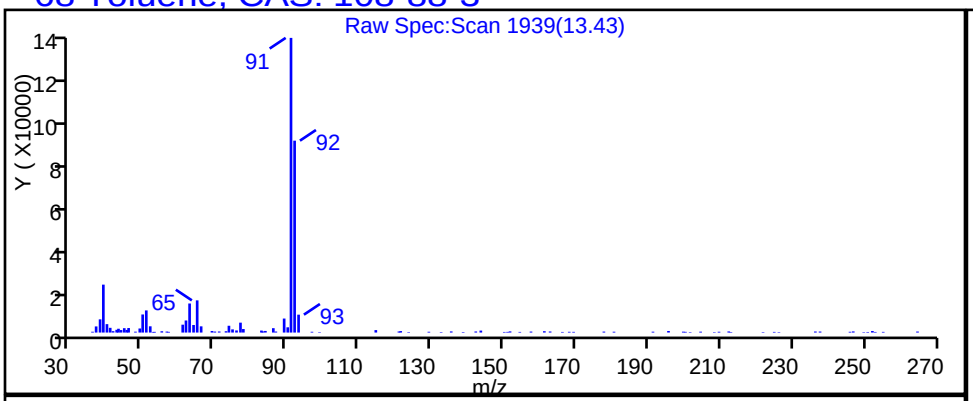


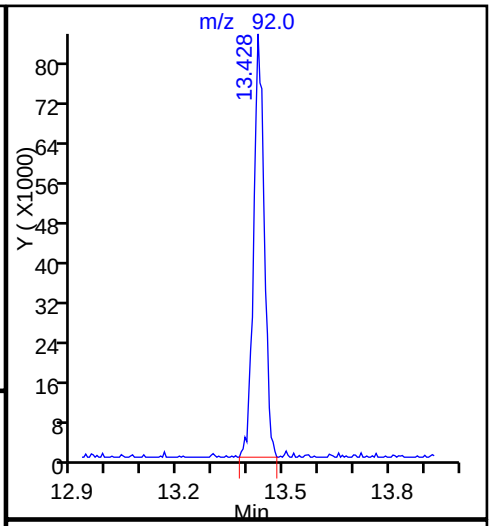
Report Date: 02-Feb-2015 08:44:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

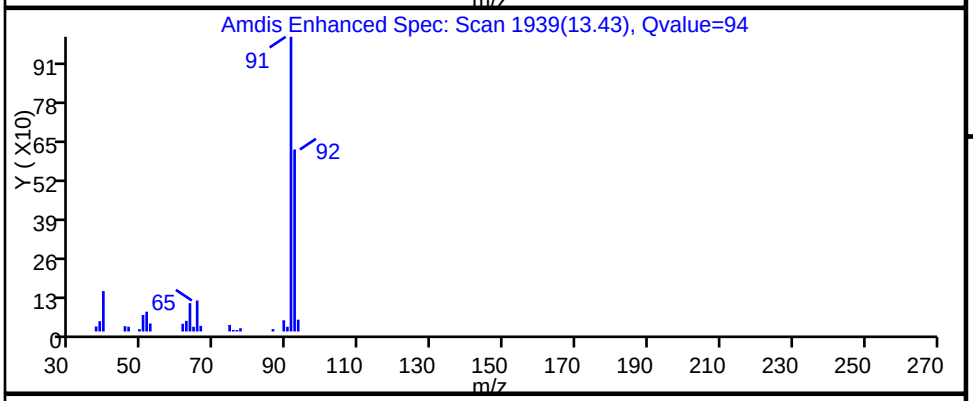
TestAmerica Burlington

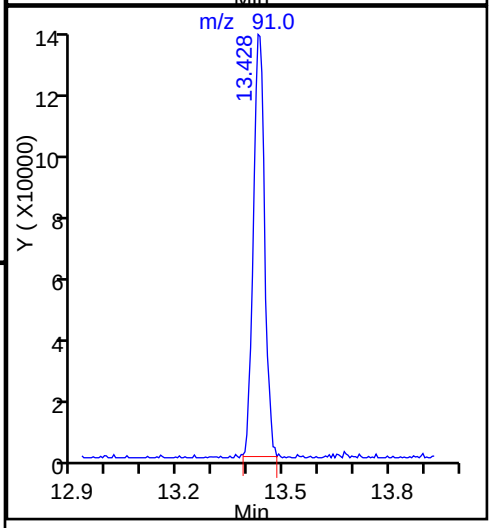
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

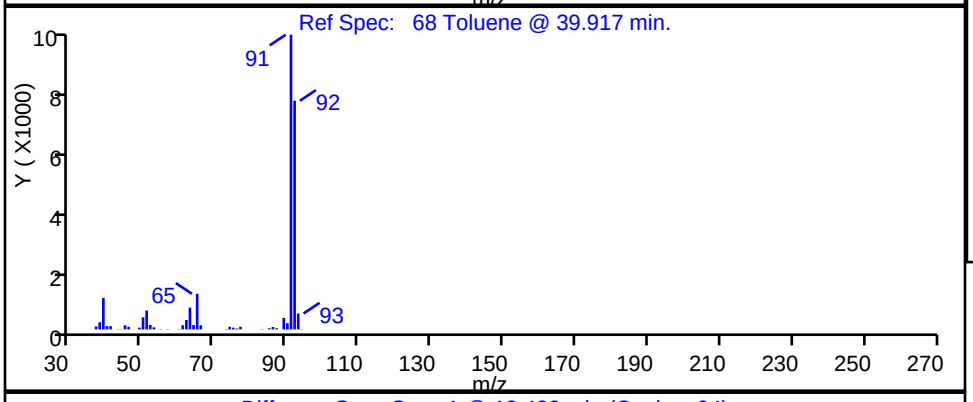
68 Toluene, CAS: 108-88-3

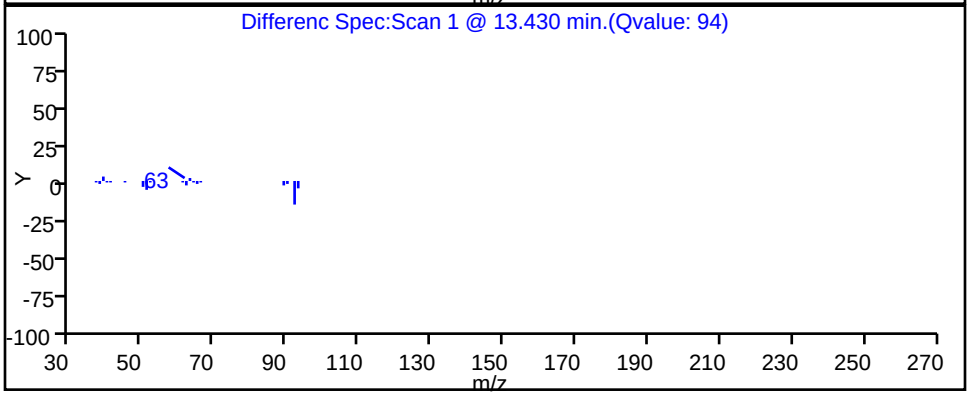












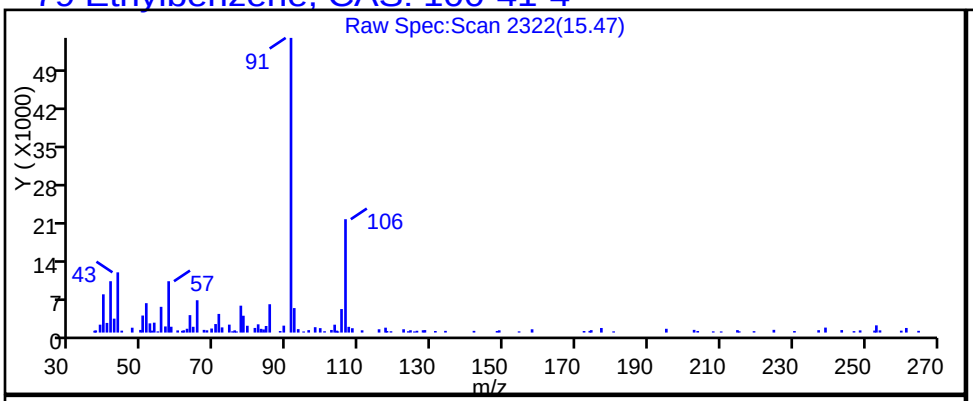
Report Date: 02-Feb-2015 08:44:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

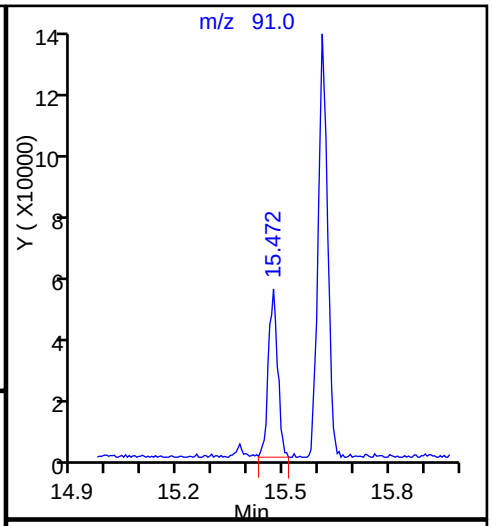
TestAmerica Burlington

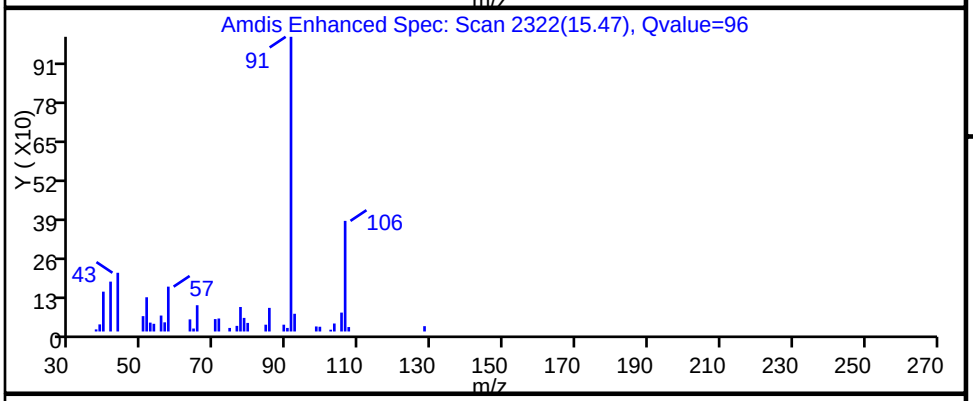
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

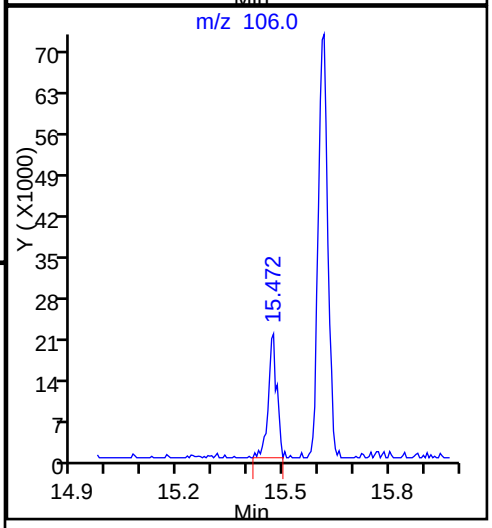
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15
Client ID:	776VMP0101MA		
Operator ID:	pad	ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

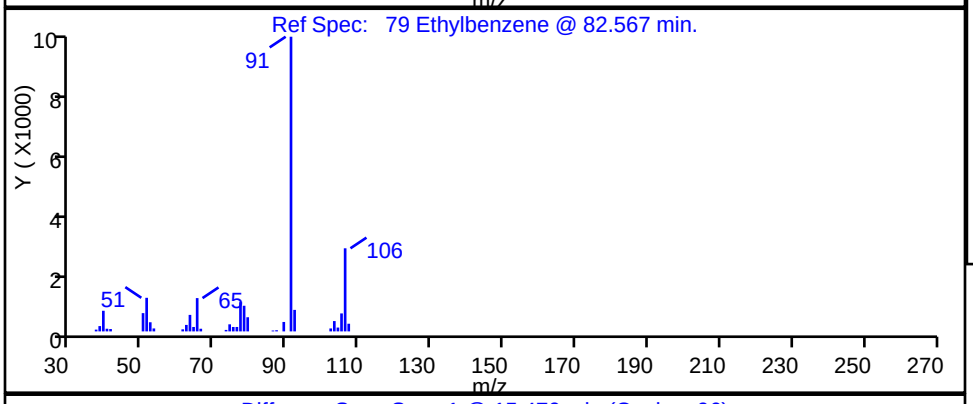
79 Ethylbenzene, CAS: 100-41-4

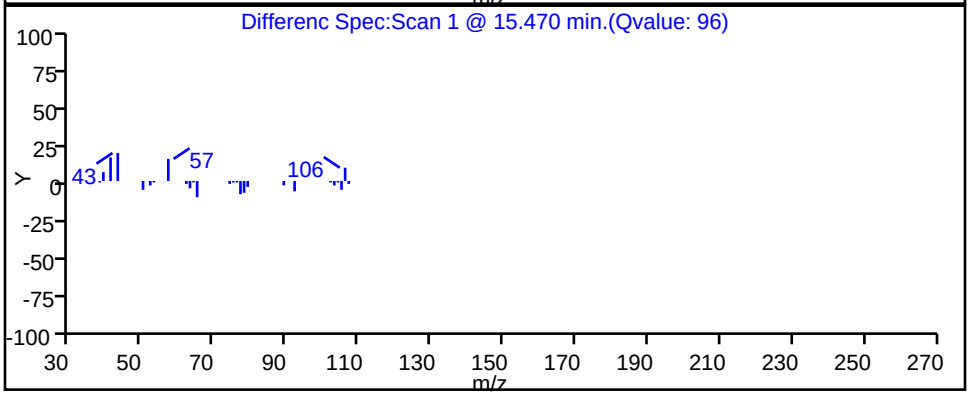












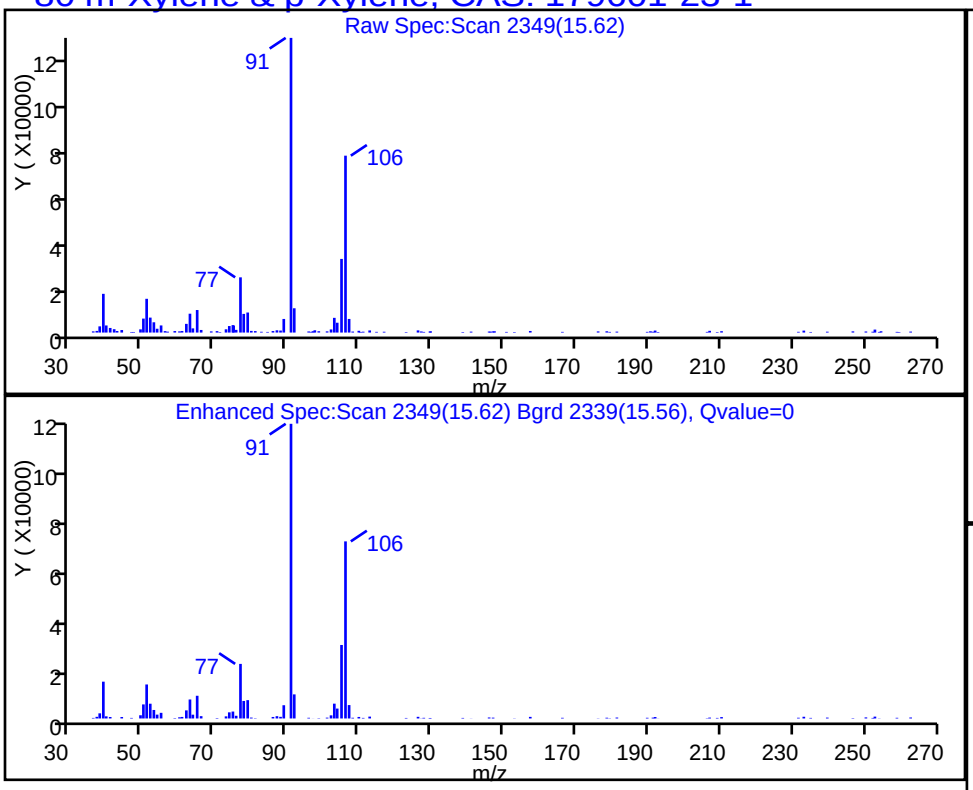
Report Date: 02-Feb-2015 08:44:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

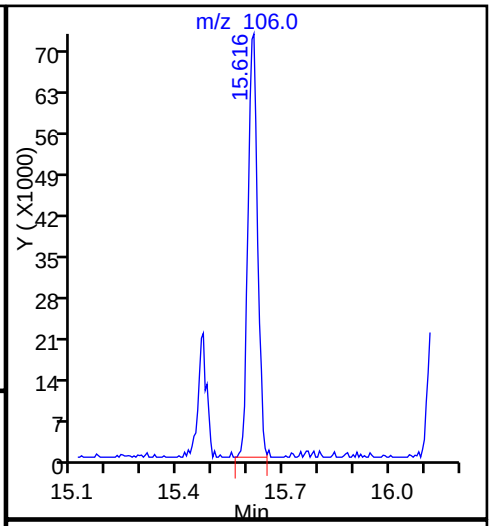
TestAmerica Burlington

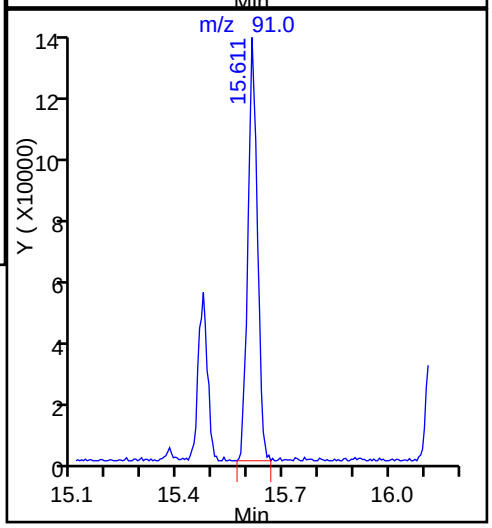
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 m-Xylene & p-Xylene, CAS: 179601-23-1







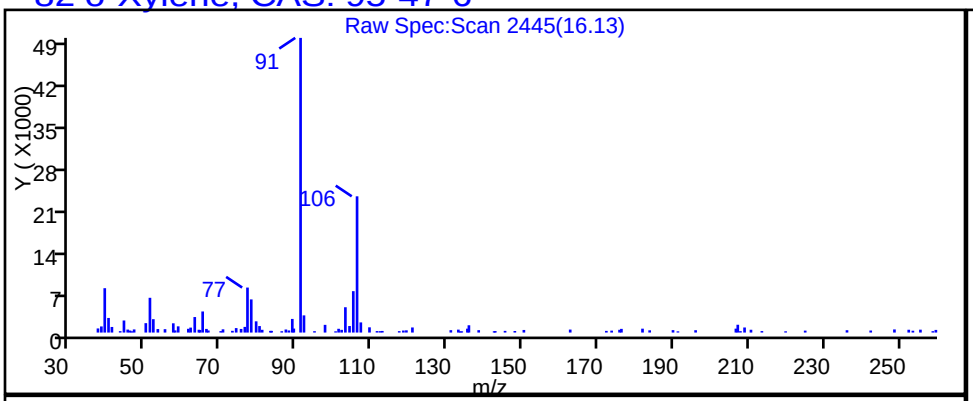
Report Date: 02-Feb-2015 08:44:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

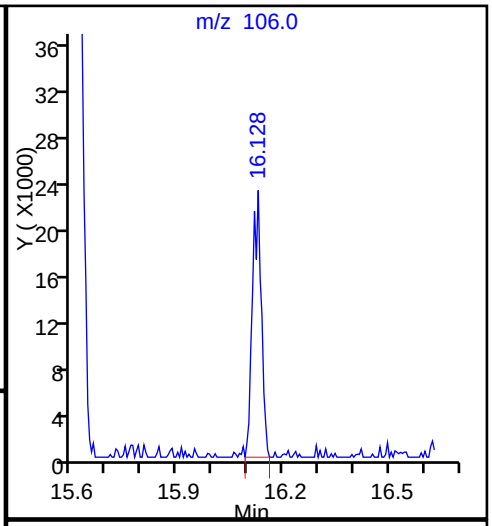
TestAmerica Burlington

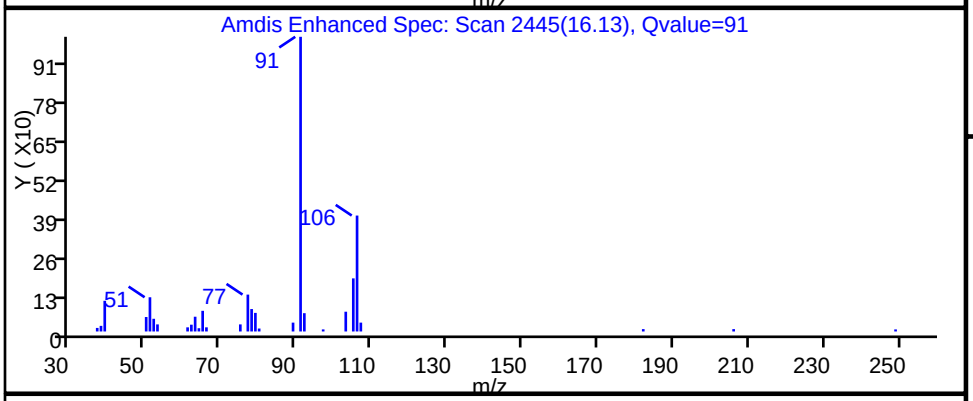
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

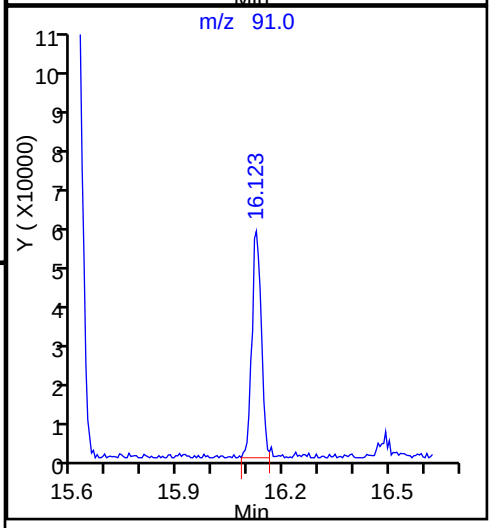
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15
Client ID:	776VMP0101MA		
Operator ID:	pad	ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

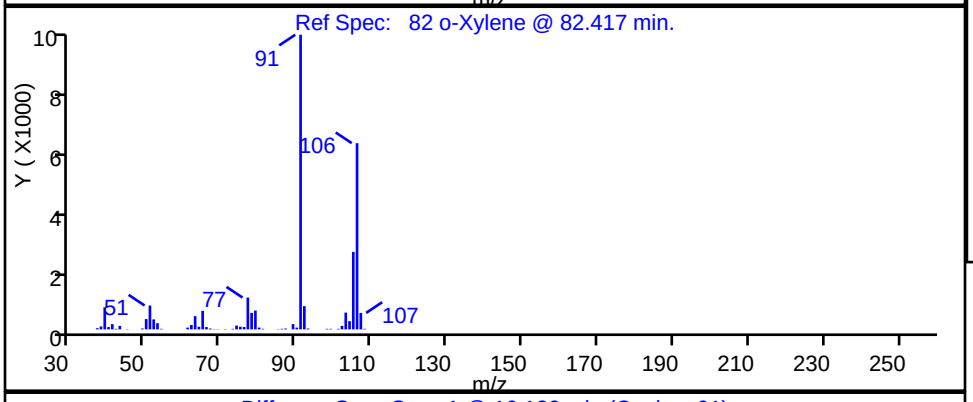
82 o-Xylene, CAS: 95-47-6

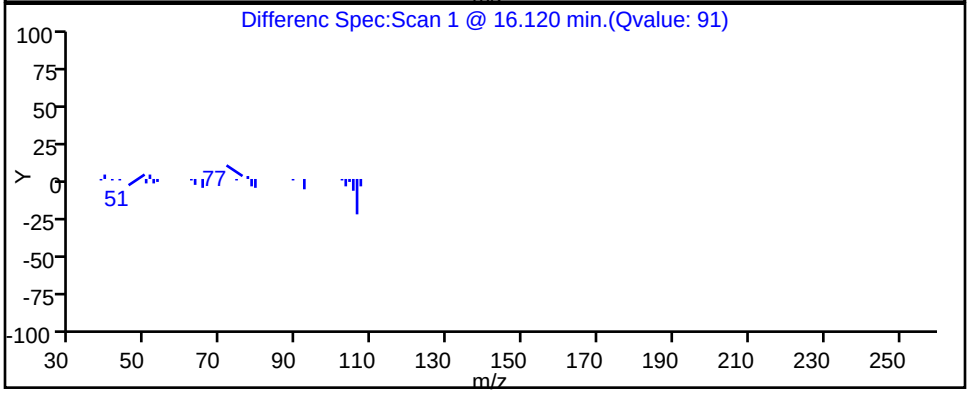








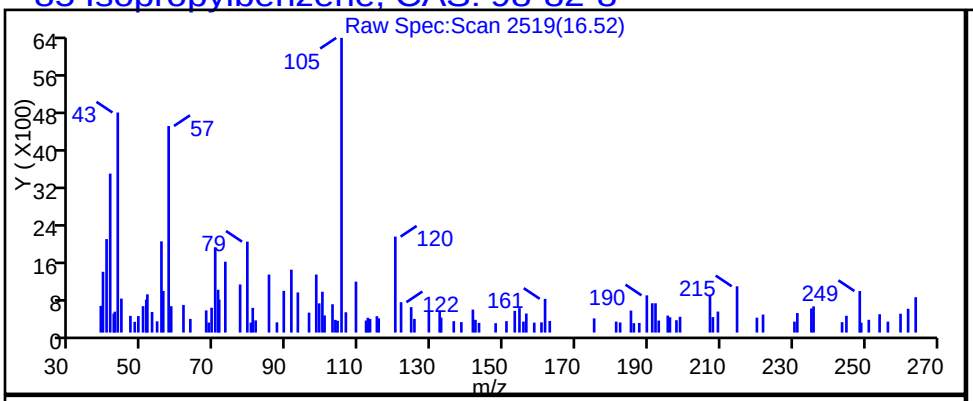


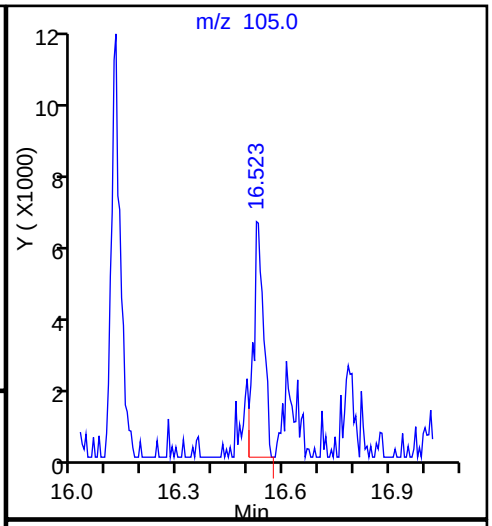


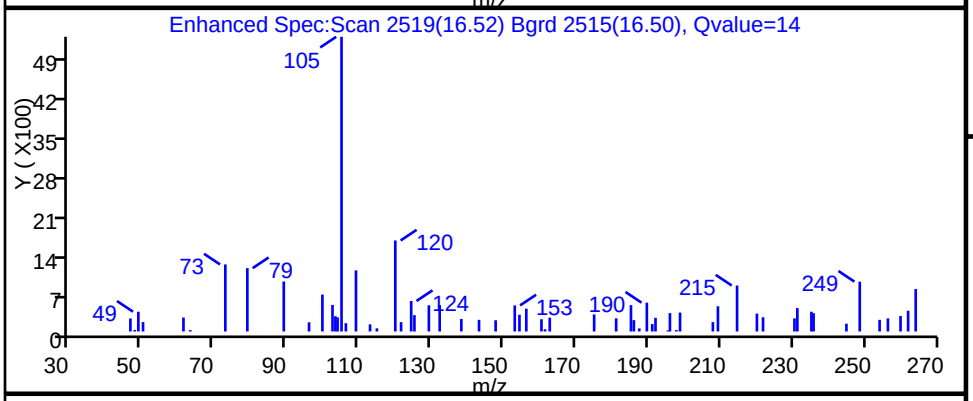
TestAmerica Burlington

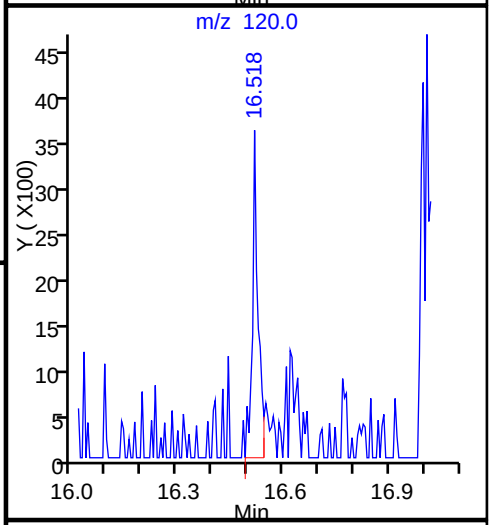
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

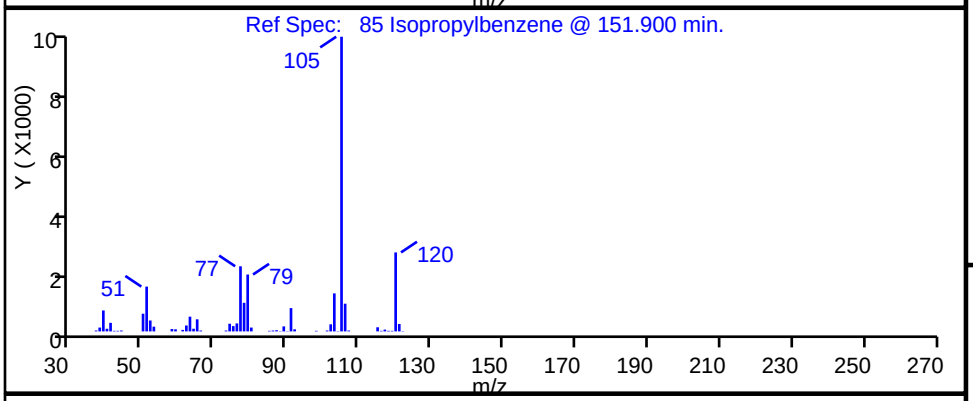
85 Isopropylbenzene, CAS: 98-82-8

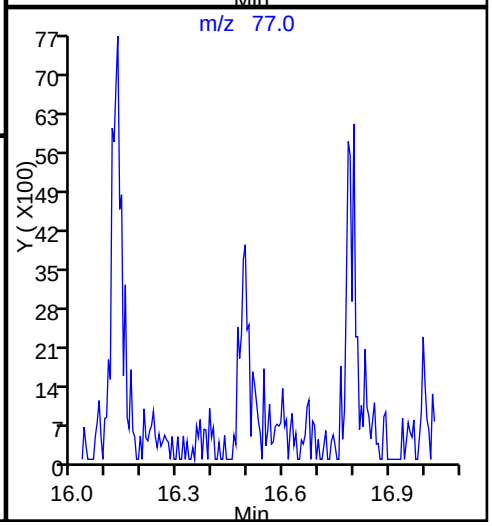


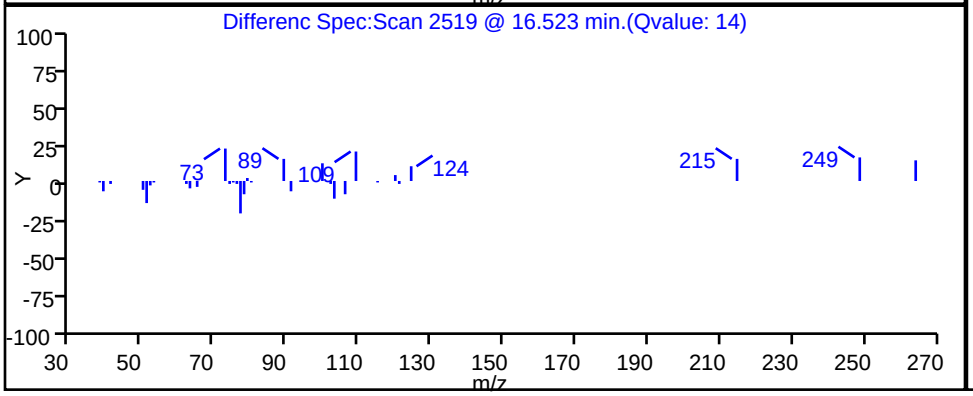








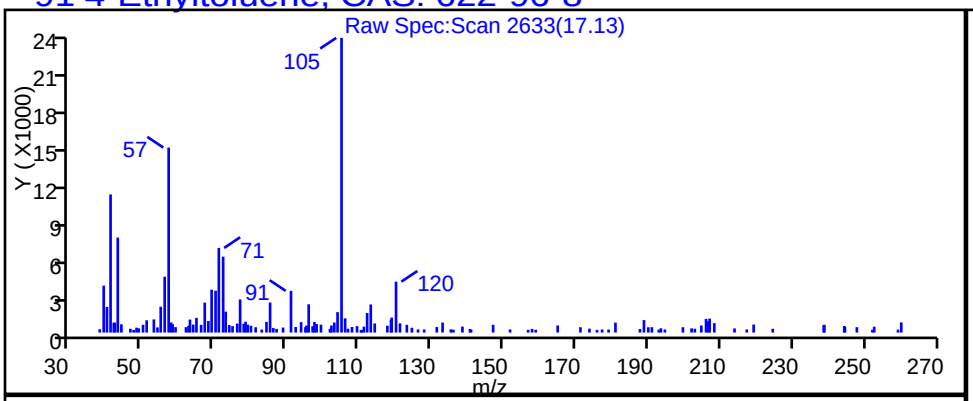


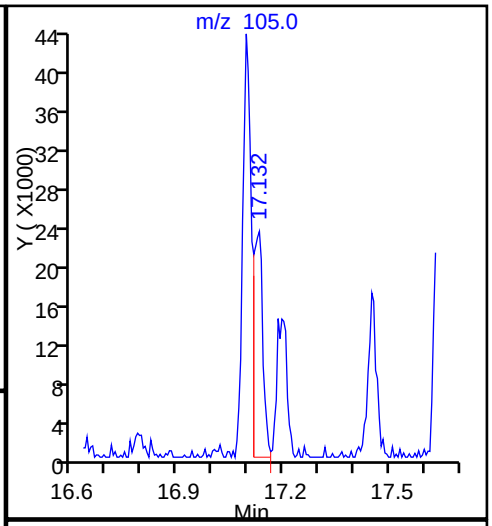


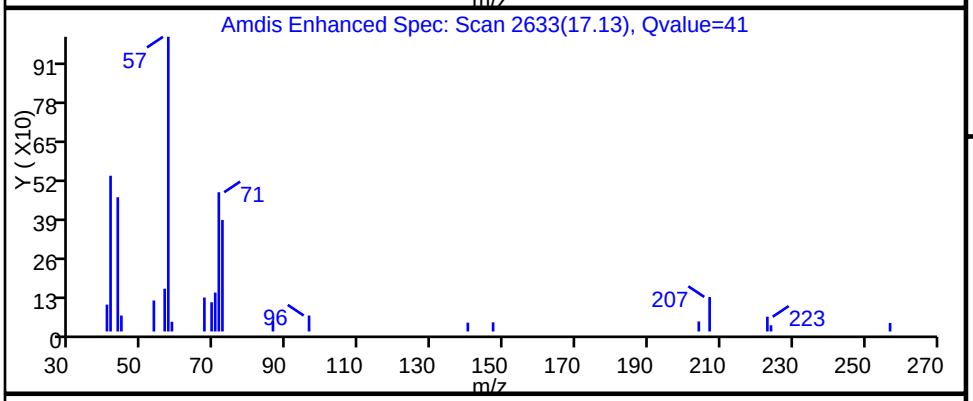
TestAmerica Burlington

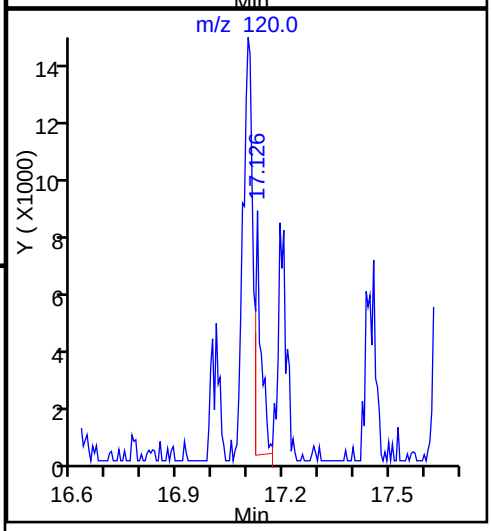
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

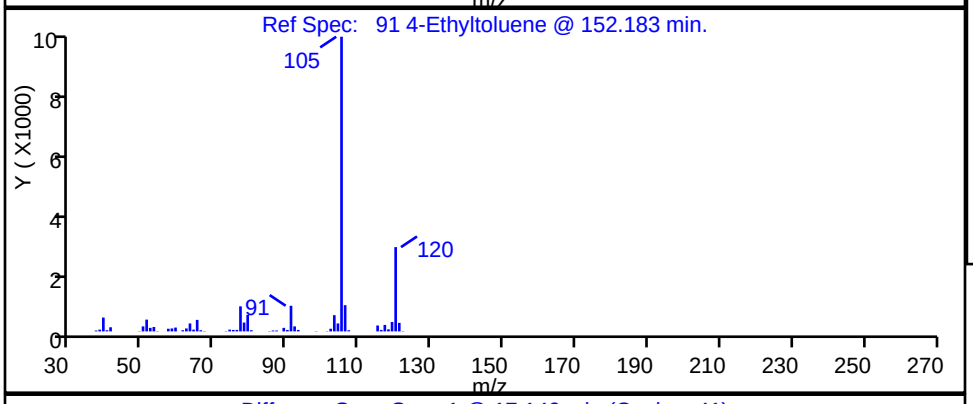
91 4-Ethyltoluene, CAS: 622-96-8

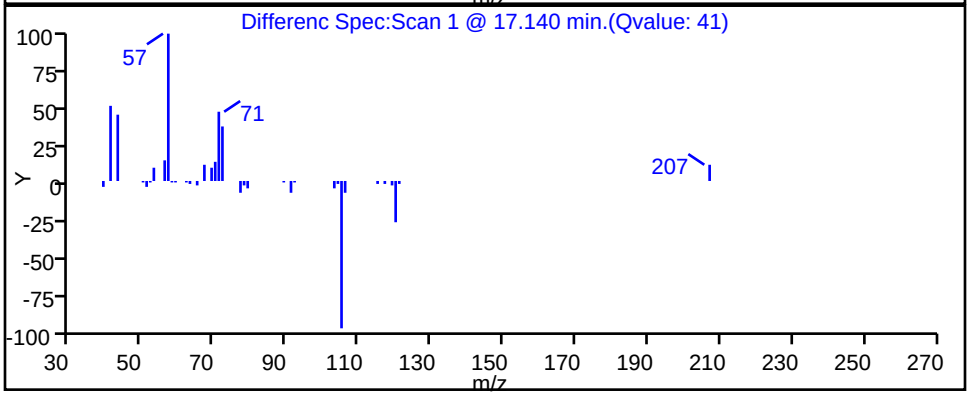












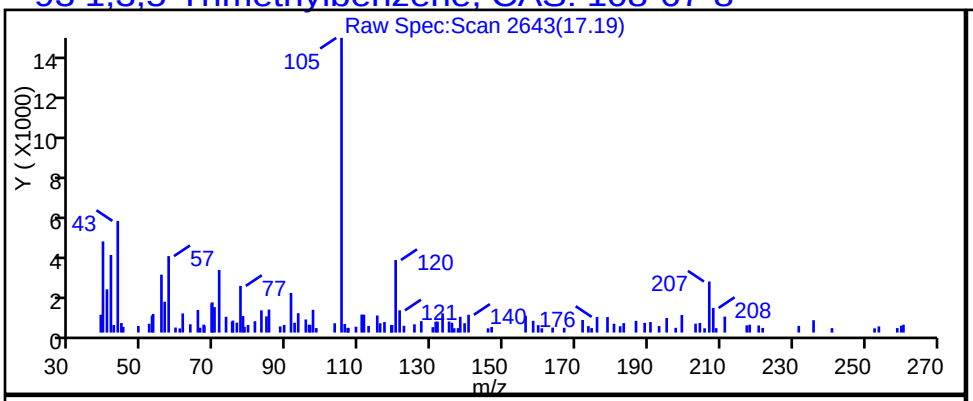
Report Date: 02-Feb-2015 08:44:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

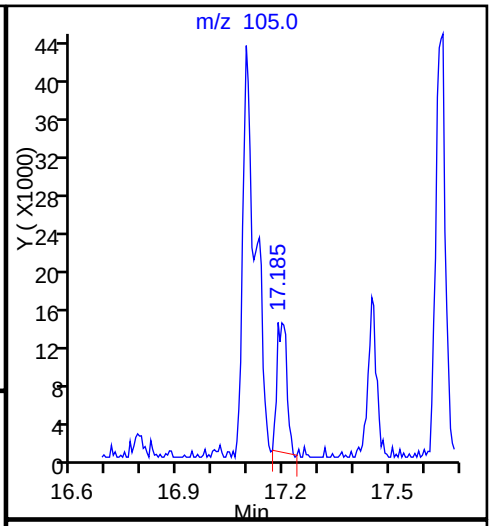
TestAmerica Burlington

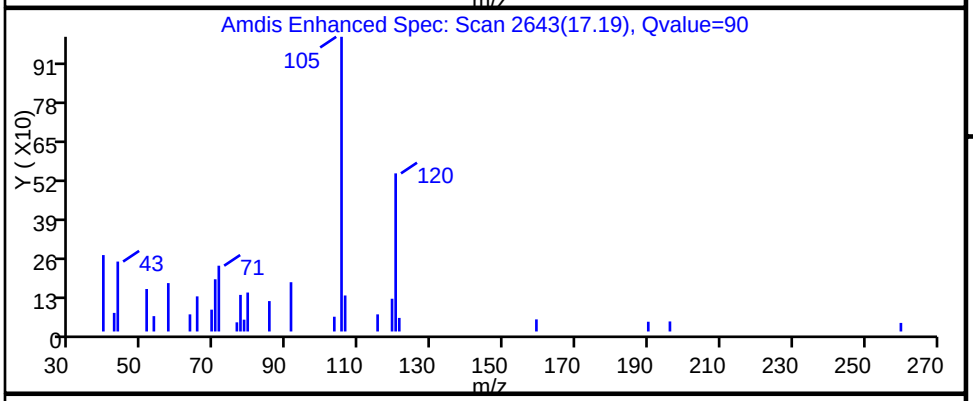
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D

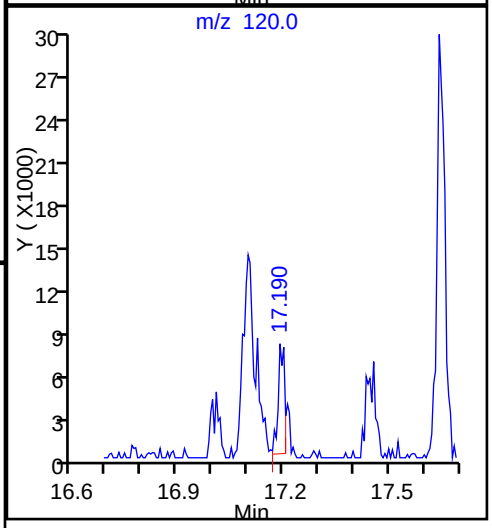
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

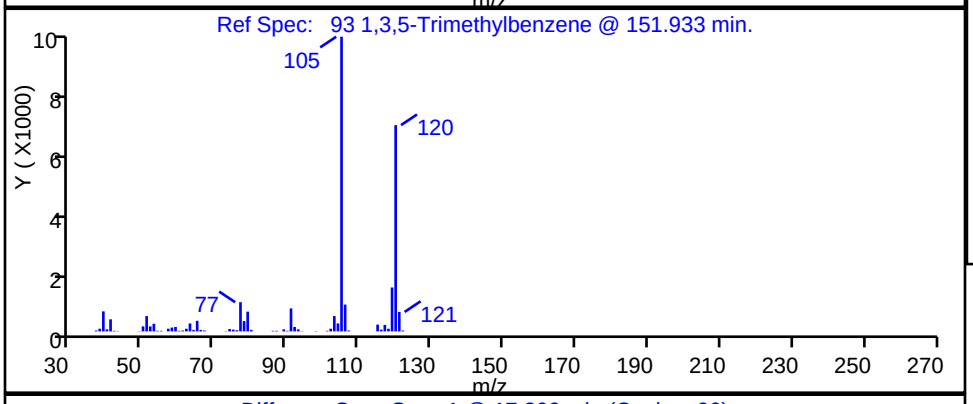
93 1,3,5-Trimethylbenzene, CAS: 108-67-8

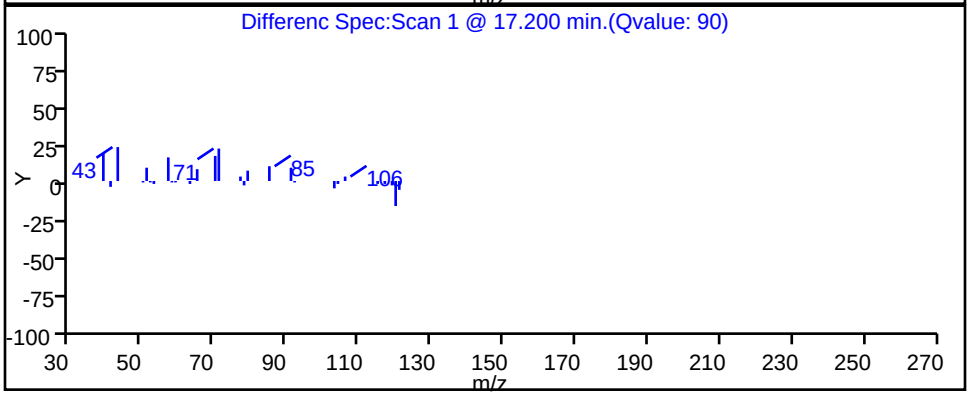








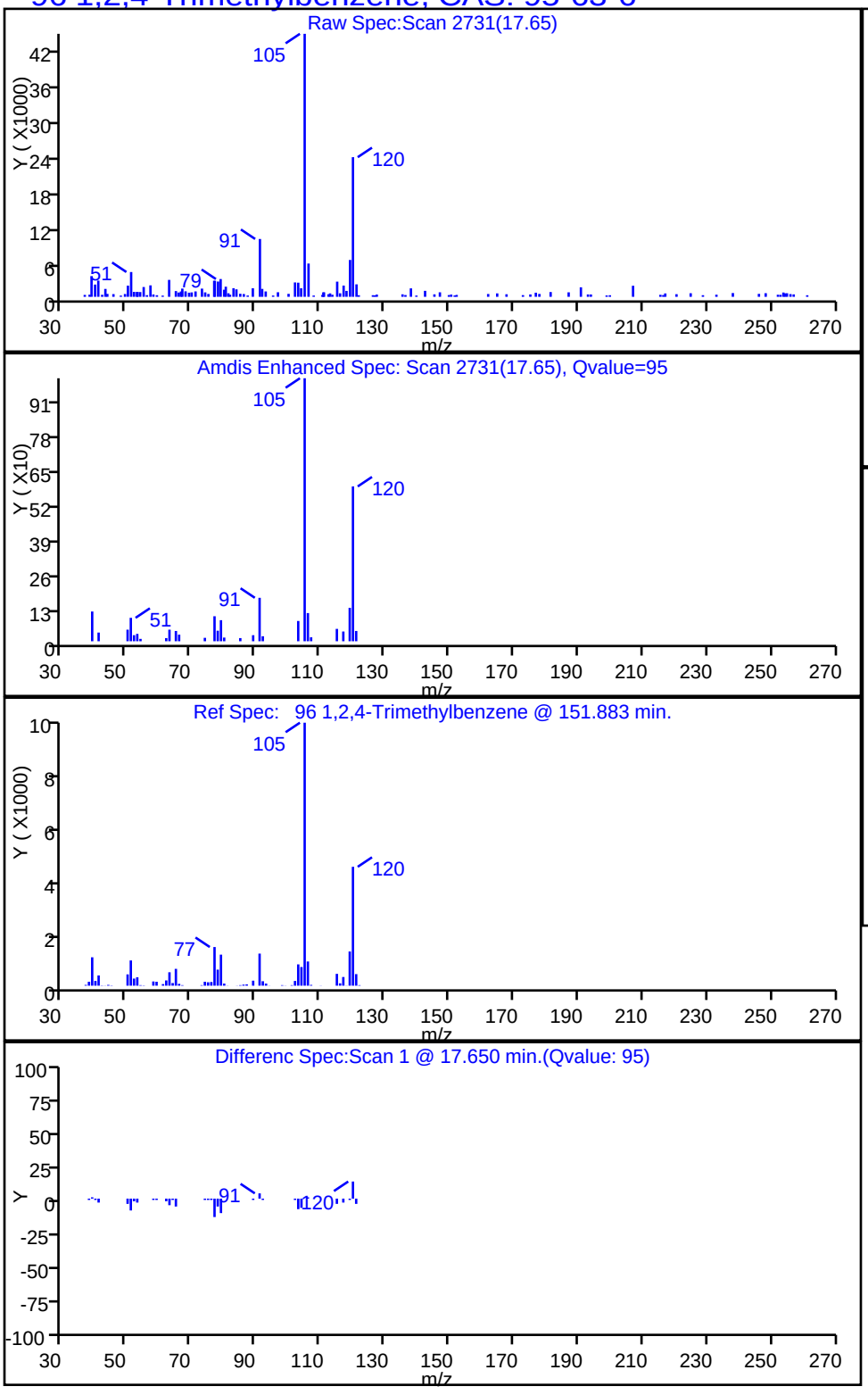


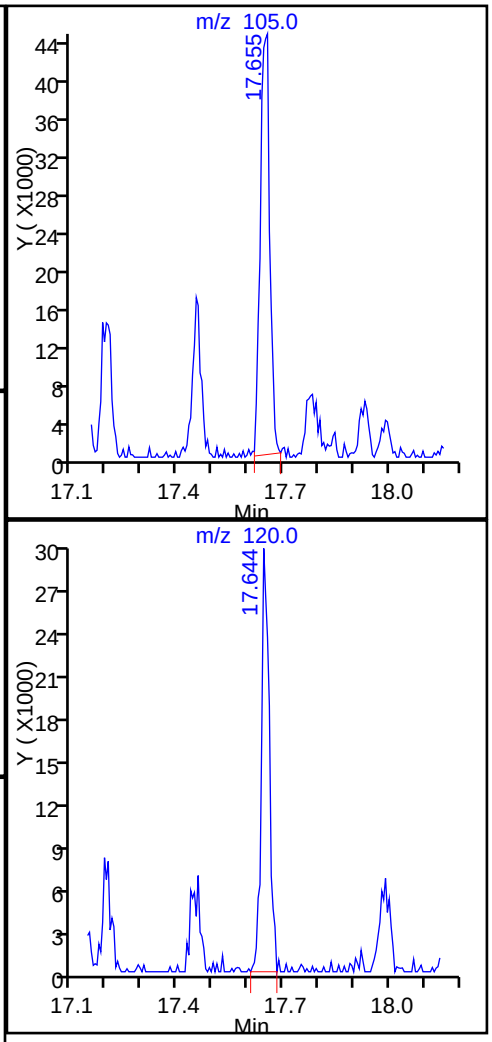


TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,2,4-Trimethylbenzene, CAS: 95-63-6

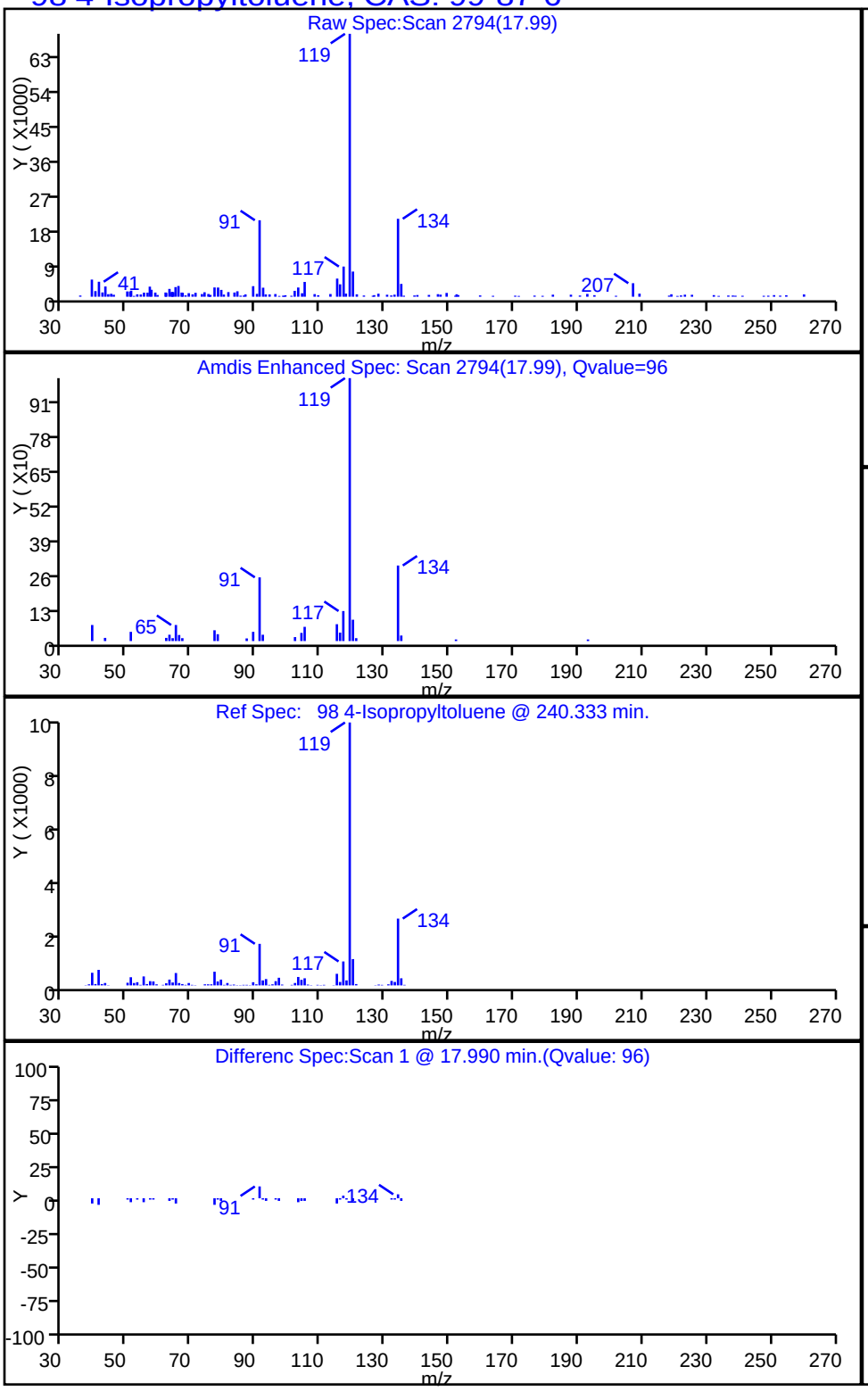


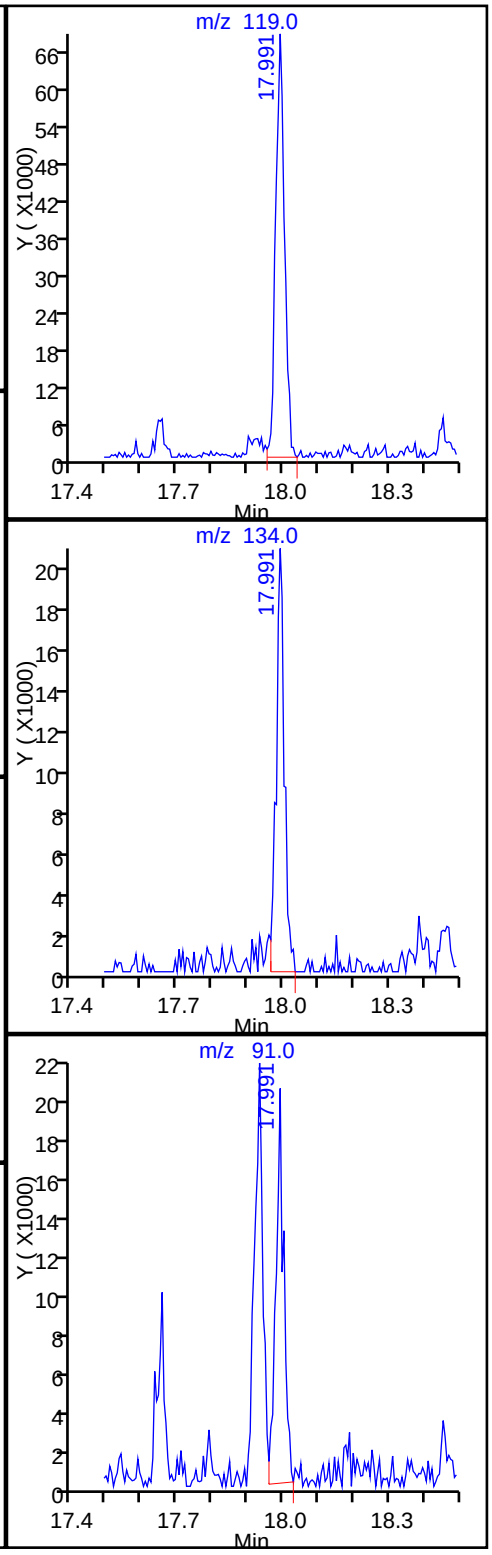


TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 4-Isopropyltoluene, CAS: 99-87-6

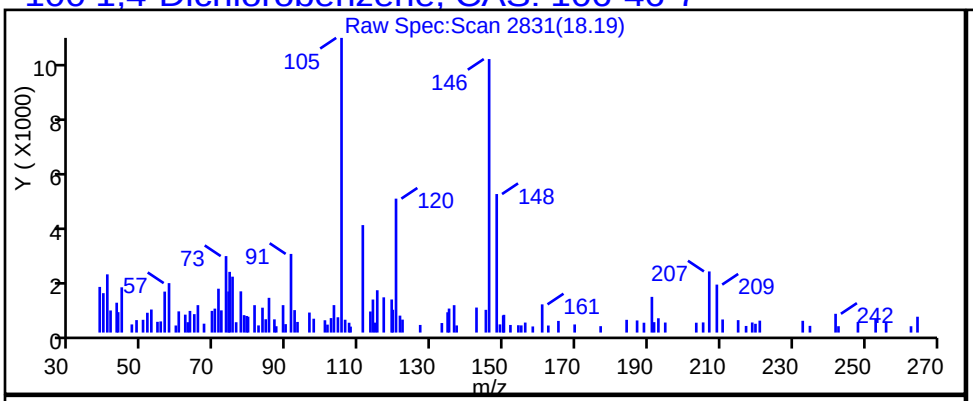


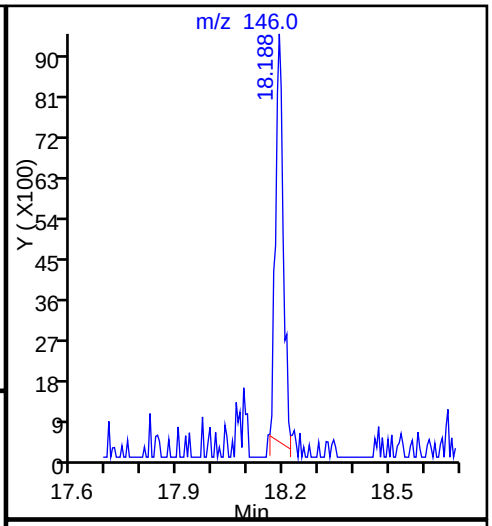


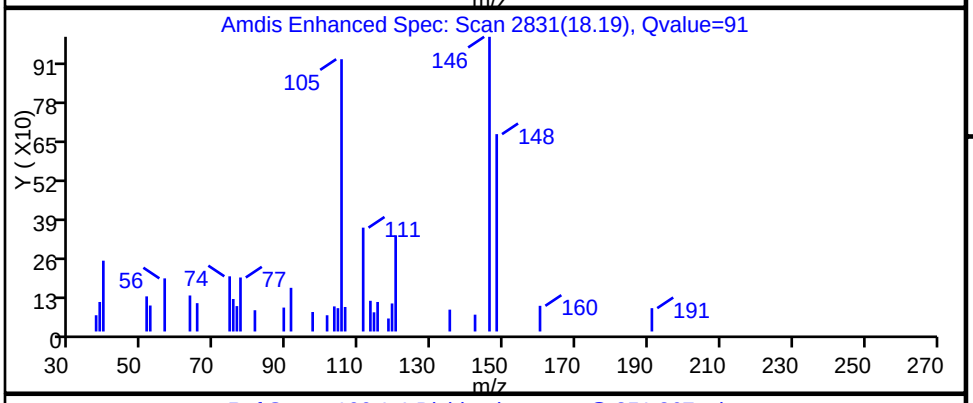
TestAmerica Burlington

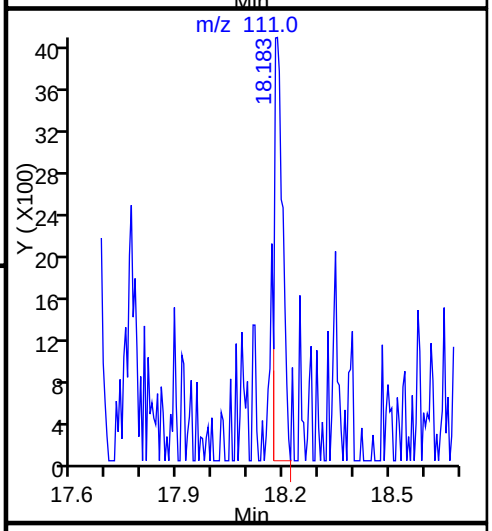
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

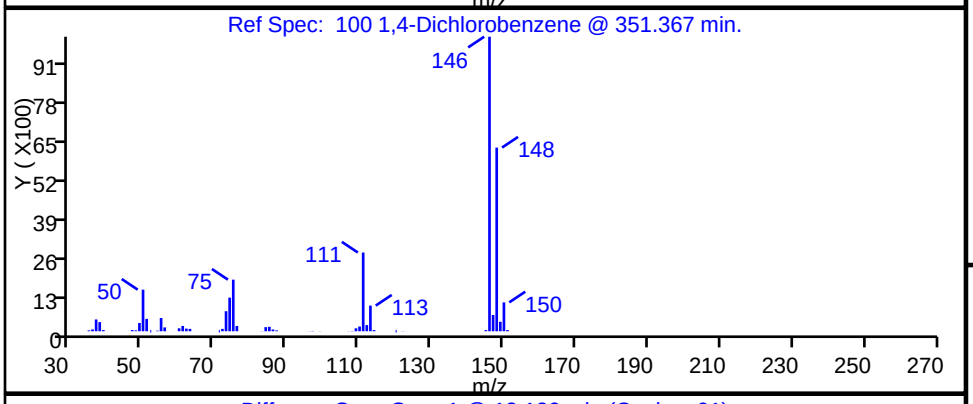
100 1,4-Dichlorobenzene, CAS: 106-46-7

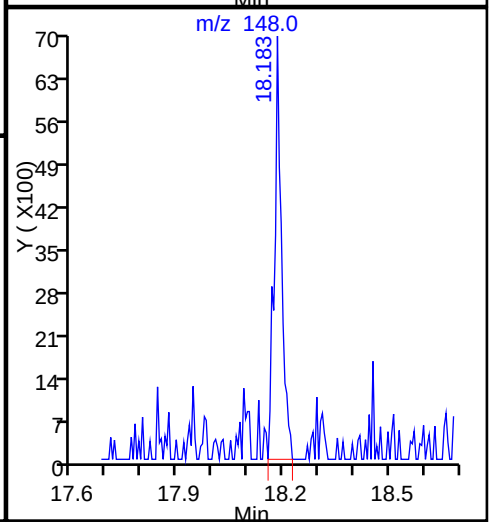


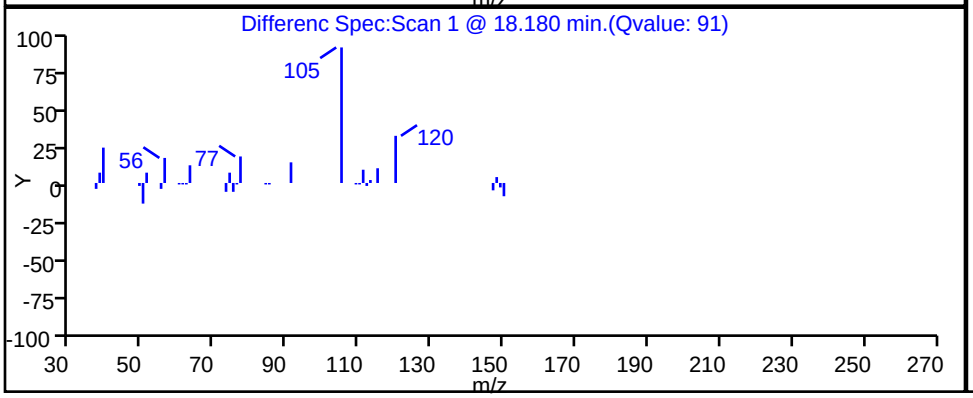












Manual Integration/User Assign Peak Report

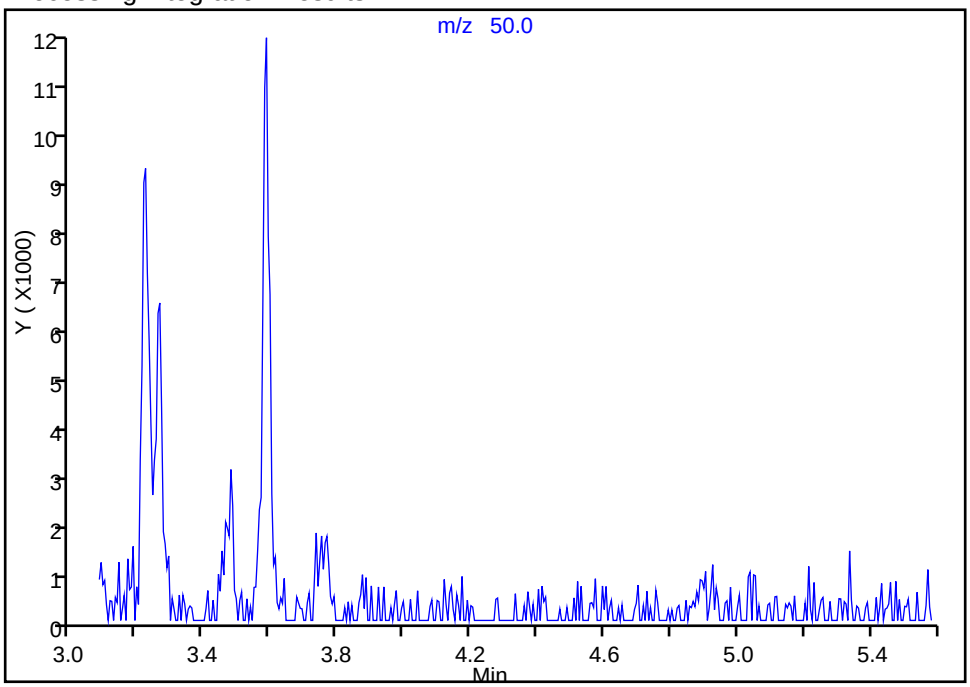
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

8 Chloromethane, CAS: 74-87-3

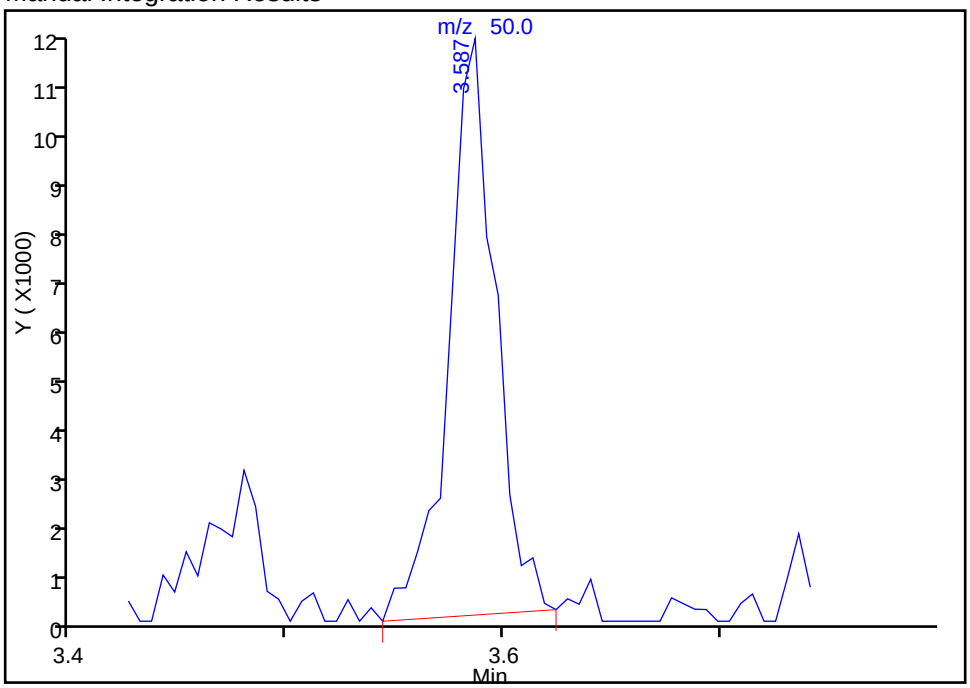
Not Detected
Expected RT: 3.58

Processing Integration Results



Manual Integration Results

RT: 3.59
Area: 16610
Amount: 0.368487
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

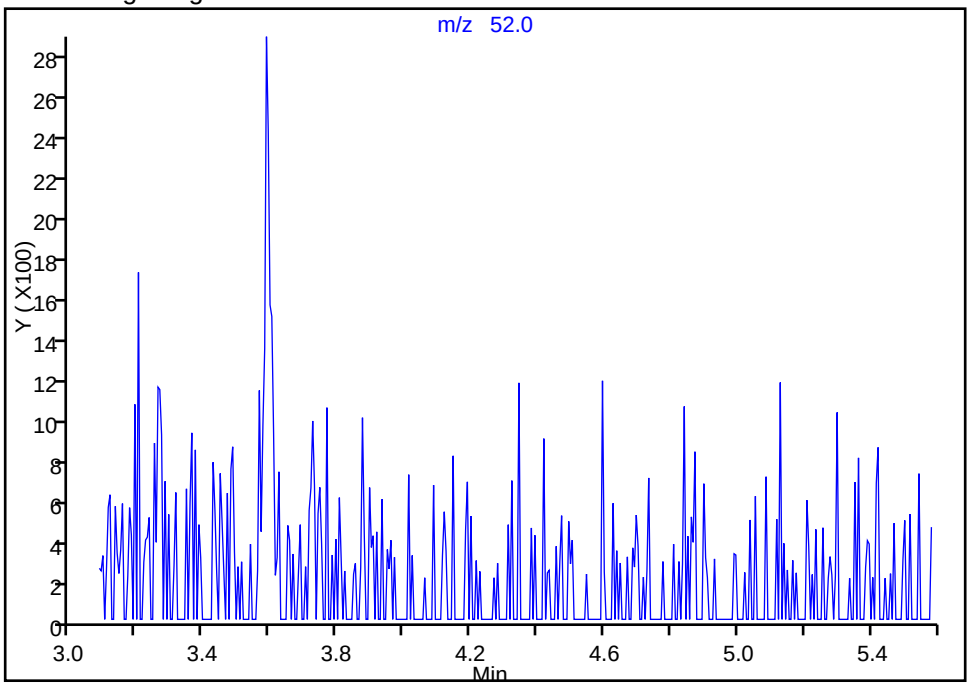
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

8 Chloromethane, CAS: 74-87-3

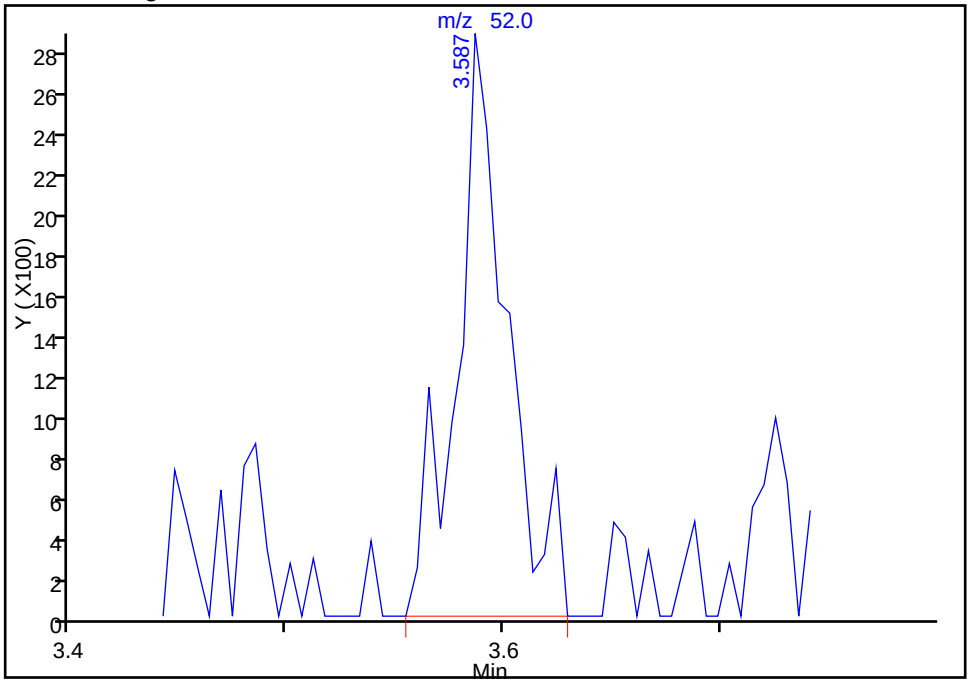
Not Detected
Expected RT: 3.58

Processing Integration Results



Manual Integration Results

RT: 3.59
Area: 4622
Amount: 0.368487
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

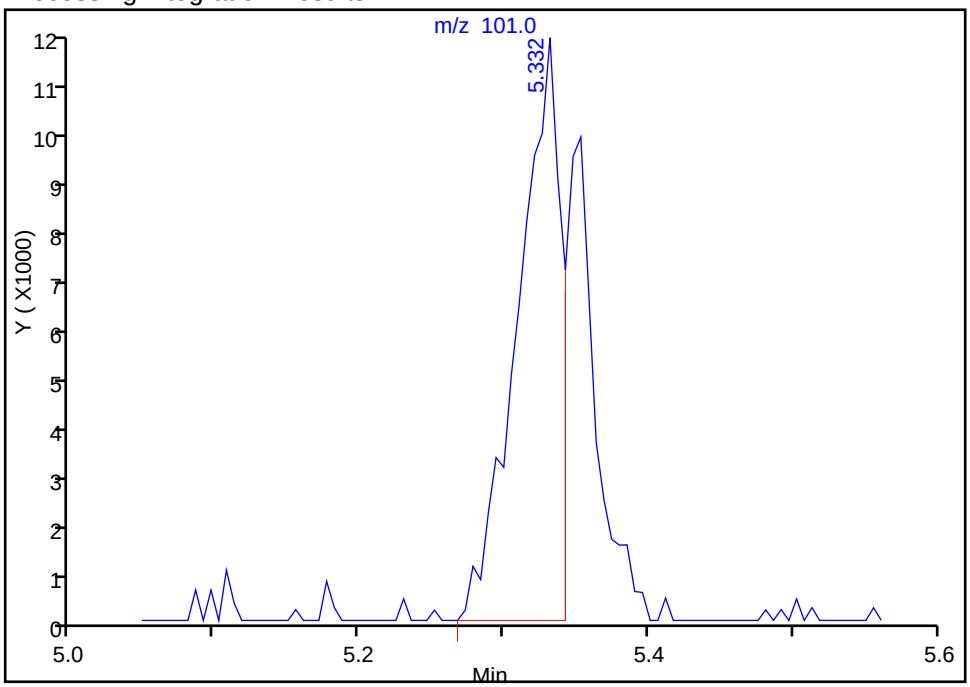
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

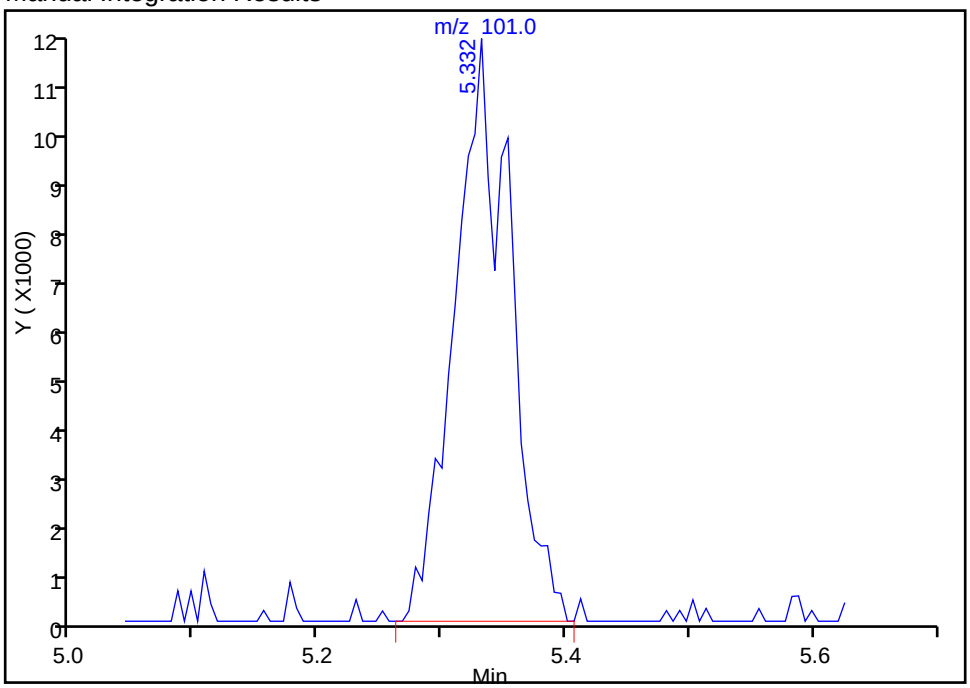
Processing Integration Results

RT: 5.33
Area: 24175
Amount: 0.138981
Amount Units: ppb v/v



Manual Integration Results

RT: 5.33
Area: 35987
Amount: 0.206887
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

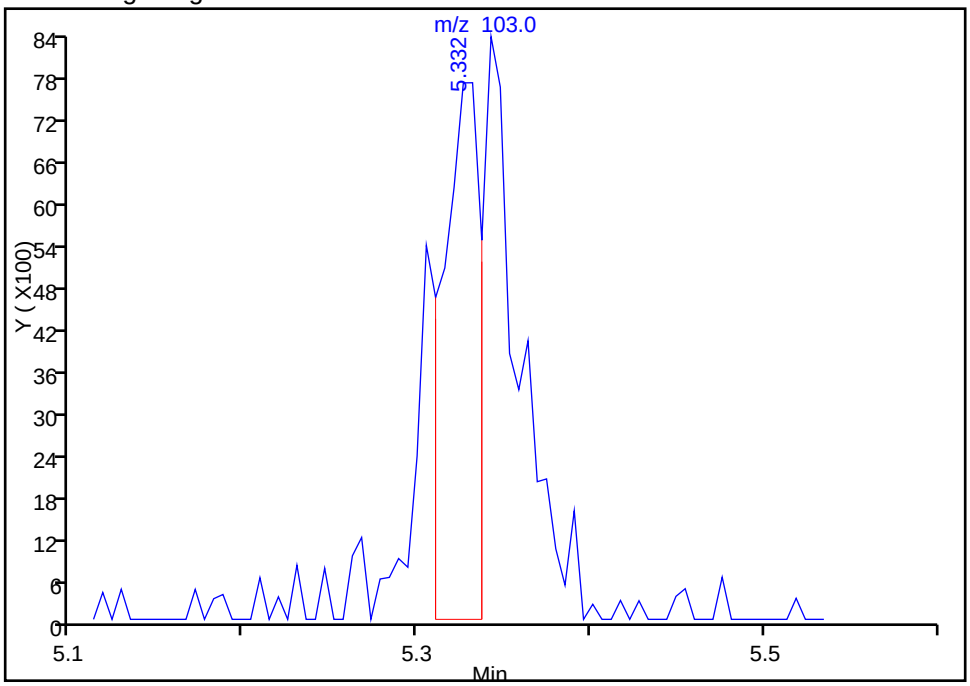
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

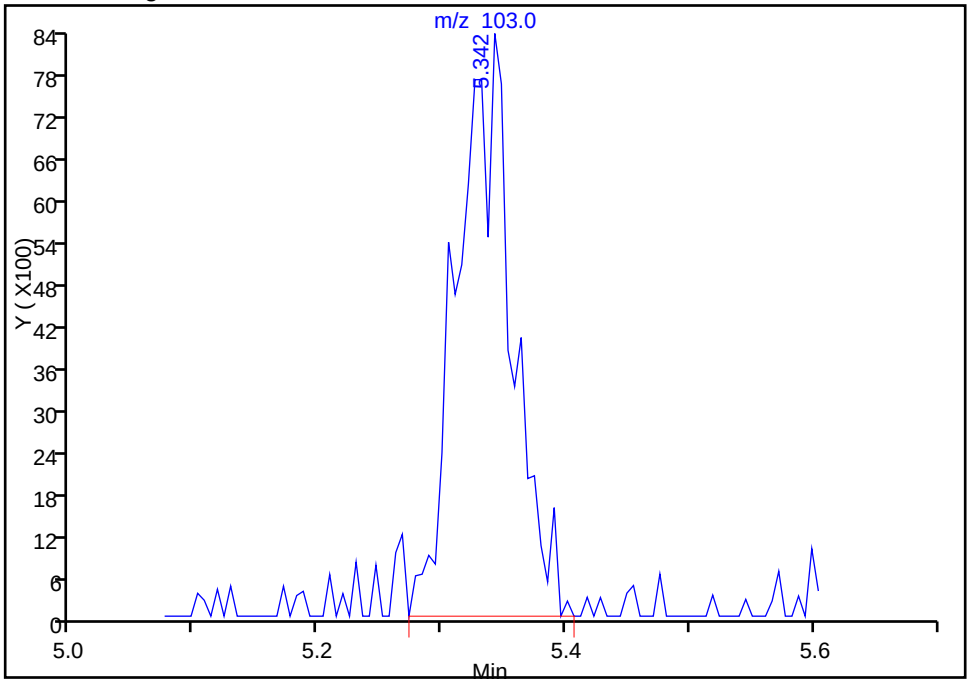
Processing Integration Results

RT: 5.33
Area: 11786
Amount: 0.138981
Amount Units: ppb v/v



Manual Integration Results

RT: 5.34
Area: 26202
Amount: 0.206887
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

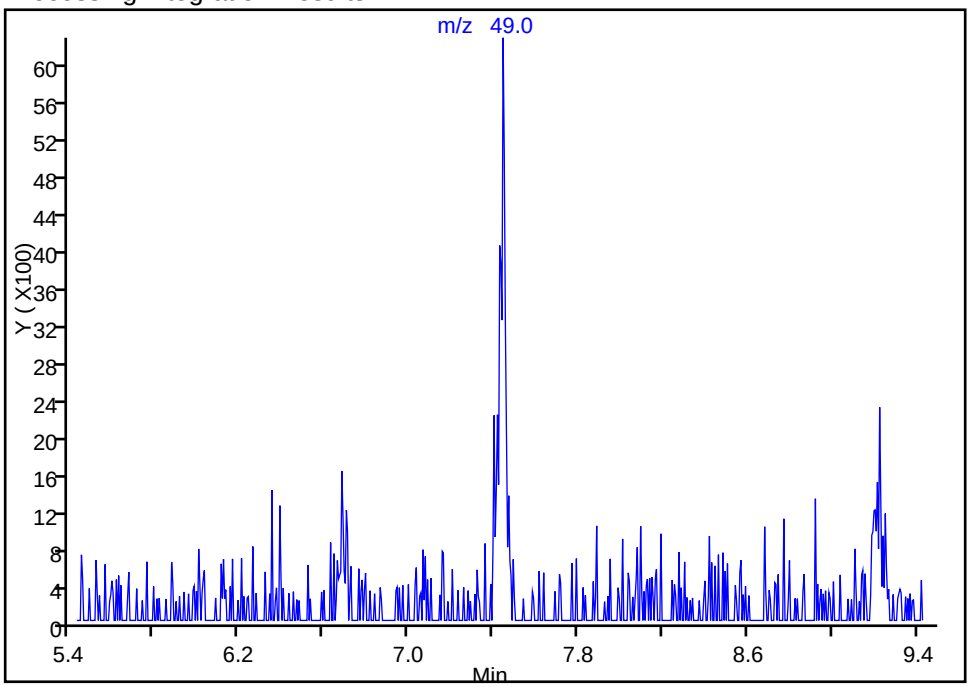
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

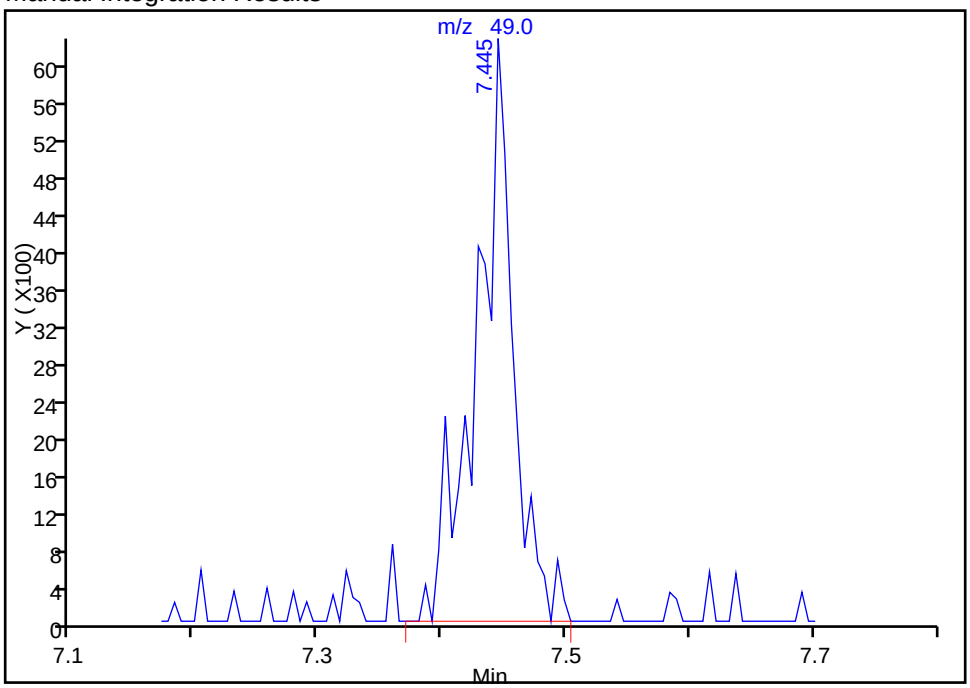
Not Detected
Expected RT: 7.43

Processing Integration Results



Manual Integration Results

RT: 7.45
Area: 13058
Amount: 0.203891
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

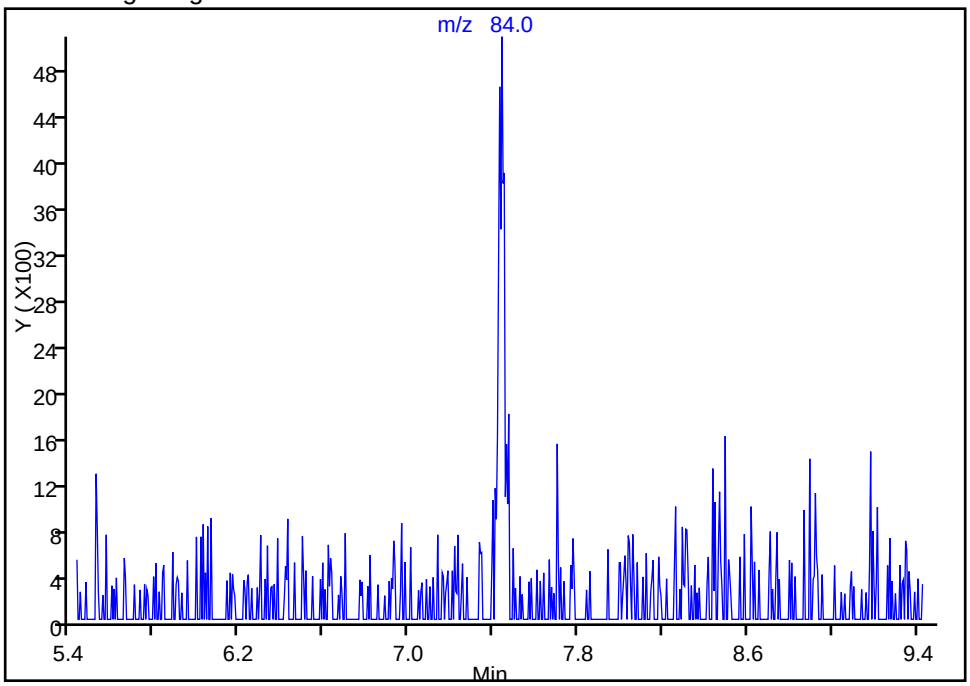
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

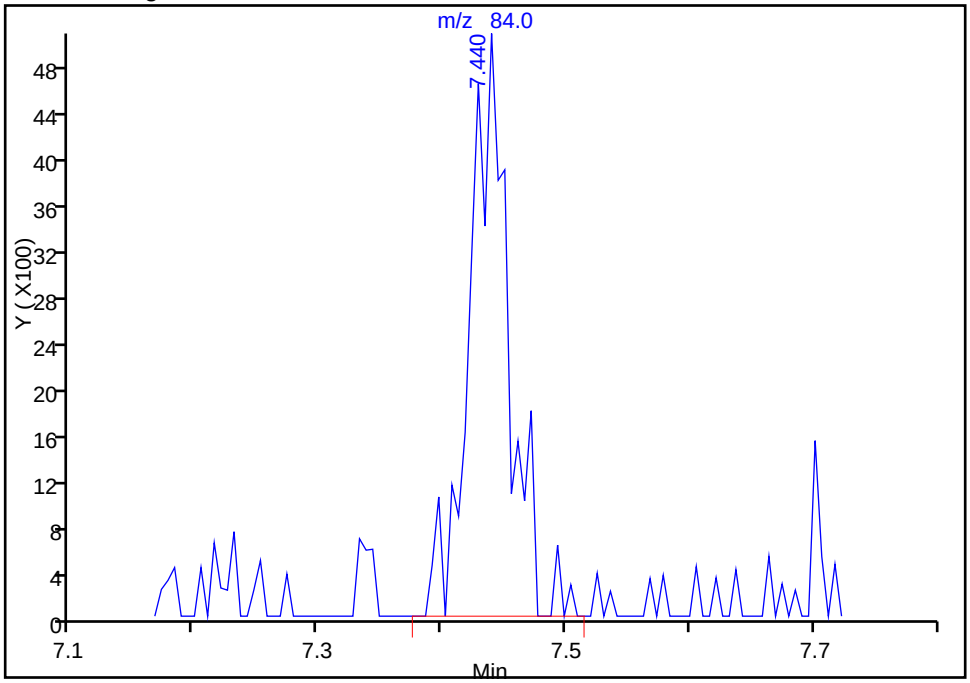
Not Detected
Expected RT: 7.43

Processing Integration Results



Manual Integration Results

RT: 7.44
Area: 11198
Amount: 0.203891
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

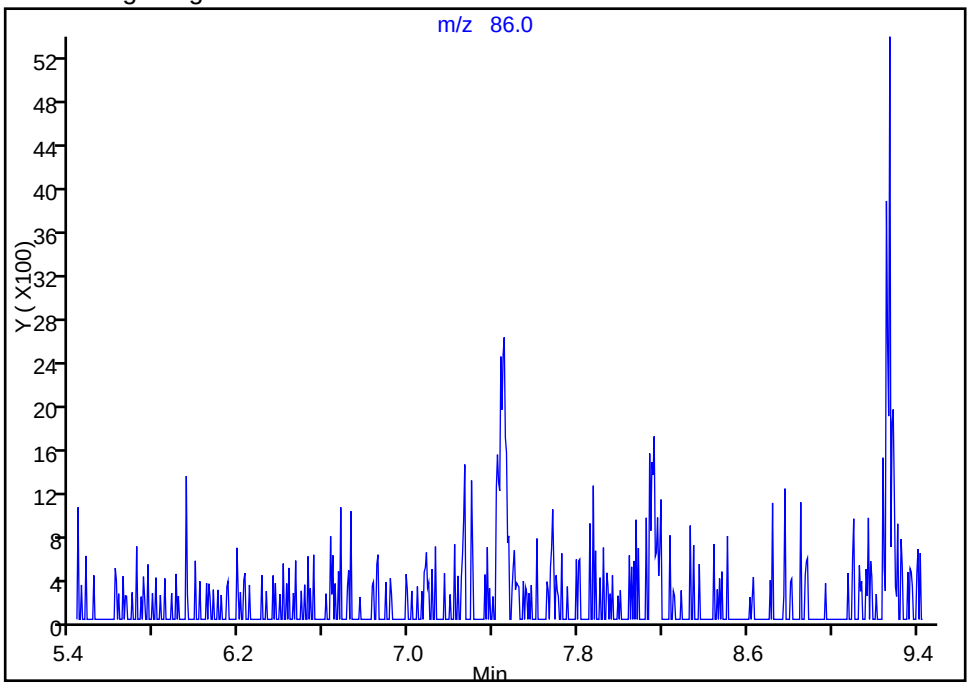
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

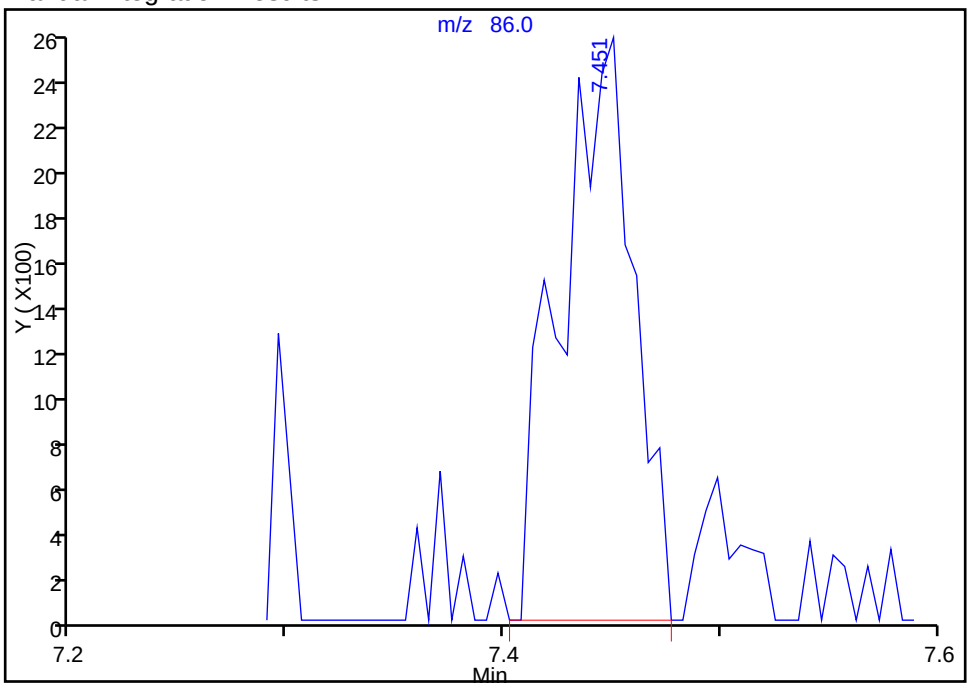
Not Detected
Expected RT: 7.43

Processing Integration Results



Manual Integration Results

RT: 7.45
Area: 6126
Amount: 0.203891
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

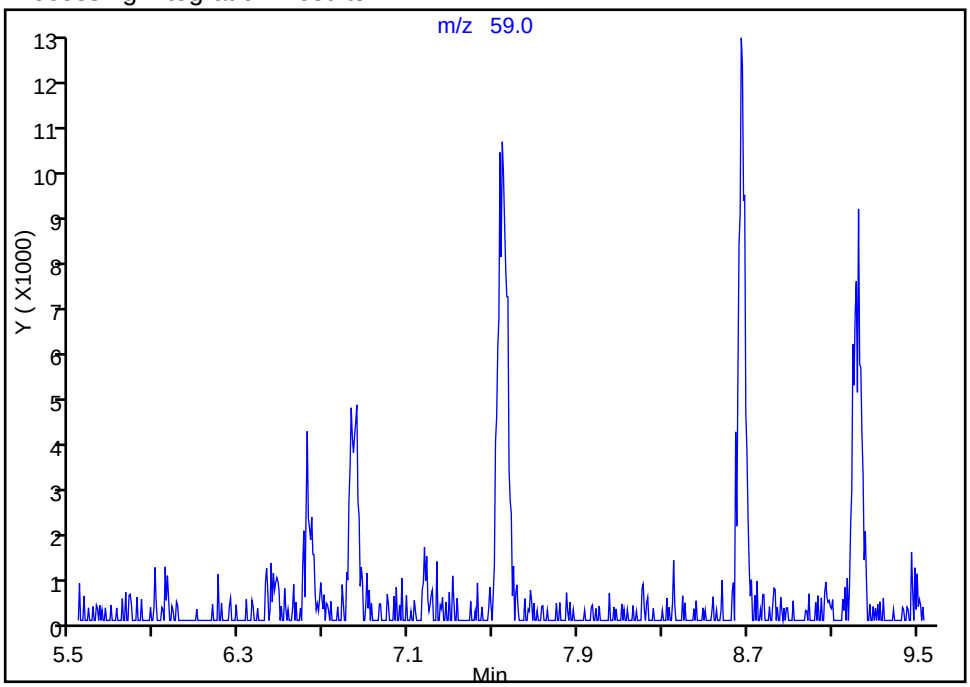
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 2-Methyl-2-propanol, CAS: 75-65-0

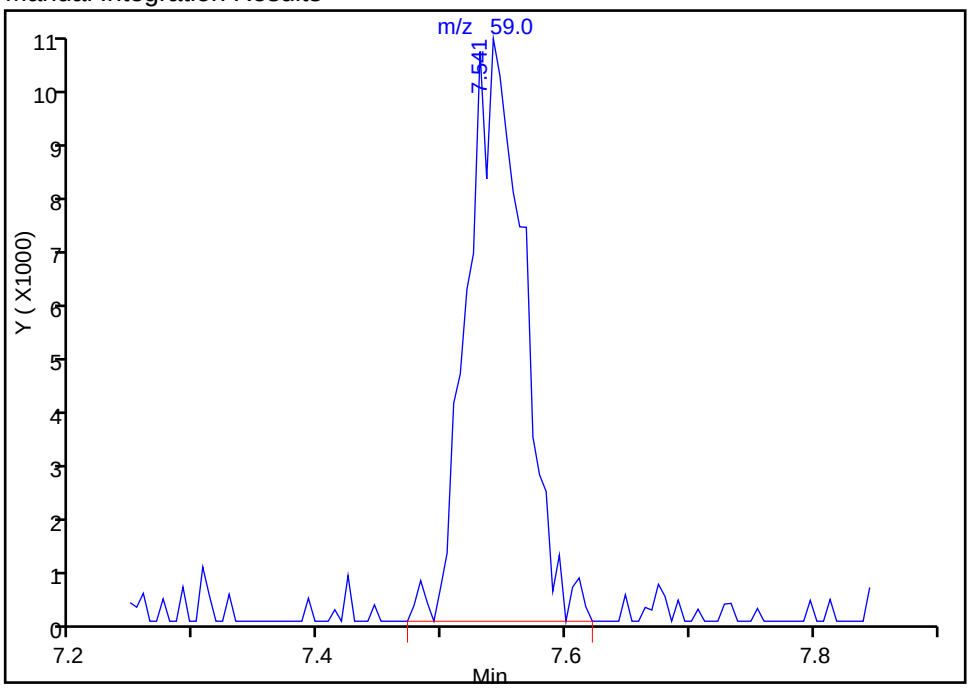
Not Detected
Expected RT: 7.54

Processing Integration Results



Manual Integration Results

RT: 7.54
Area: 33915
Amount: 0.313775
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

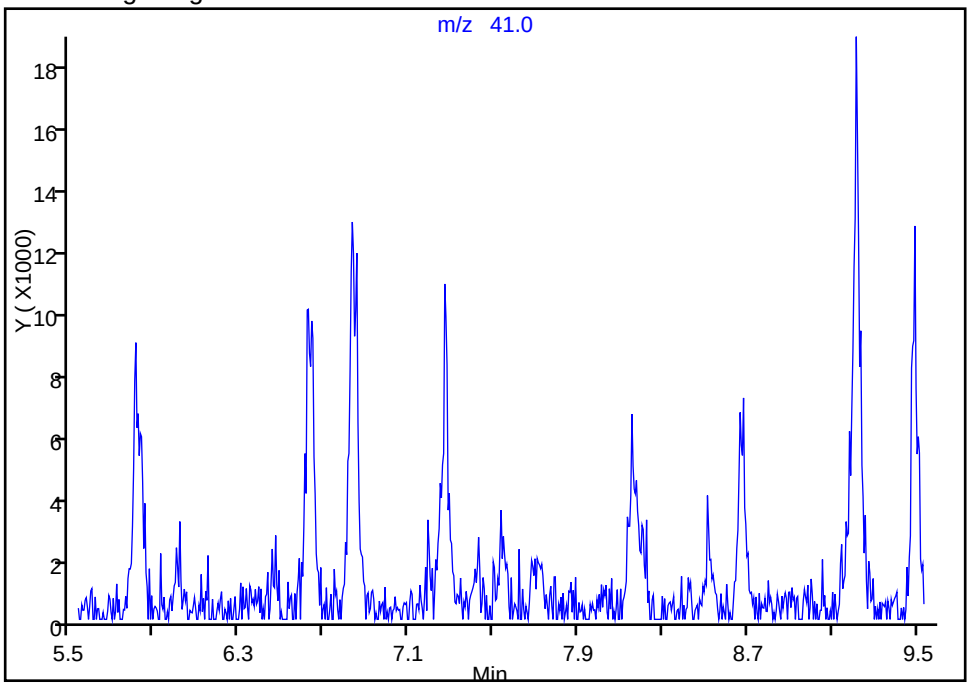
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 2-Methyl-2-propanol, CAS: 75-65-0

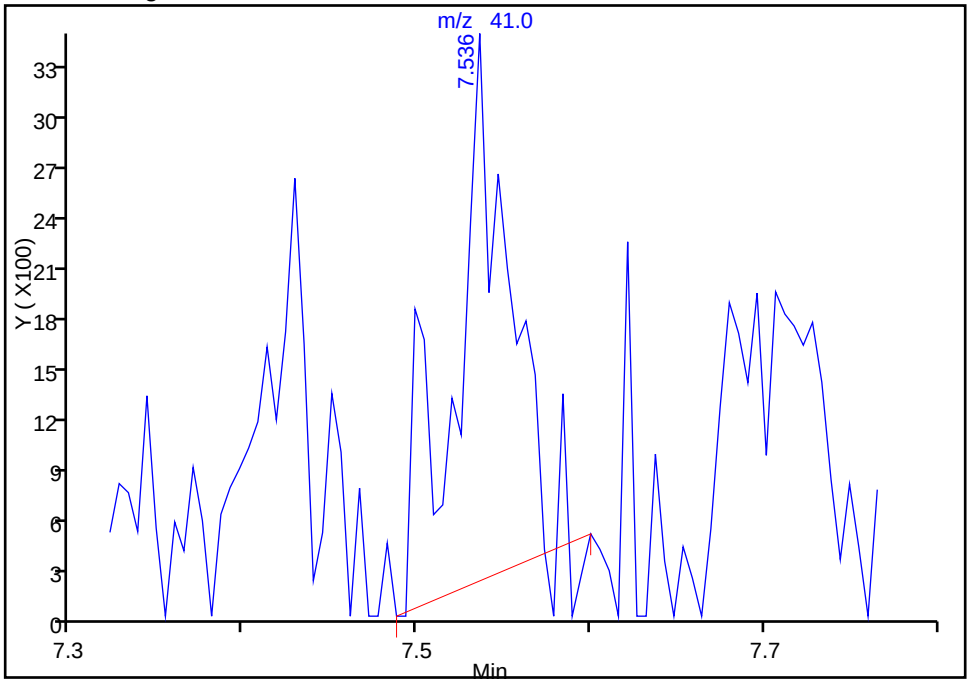
Not Detected
Expected RT: 7.54

Processing Integration Results



Manual Integration Results

RT: 7.54
Area: 6881
Amount: 0.313775
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

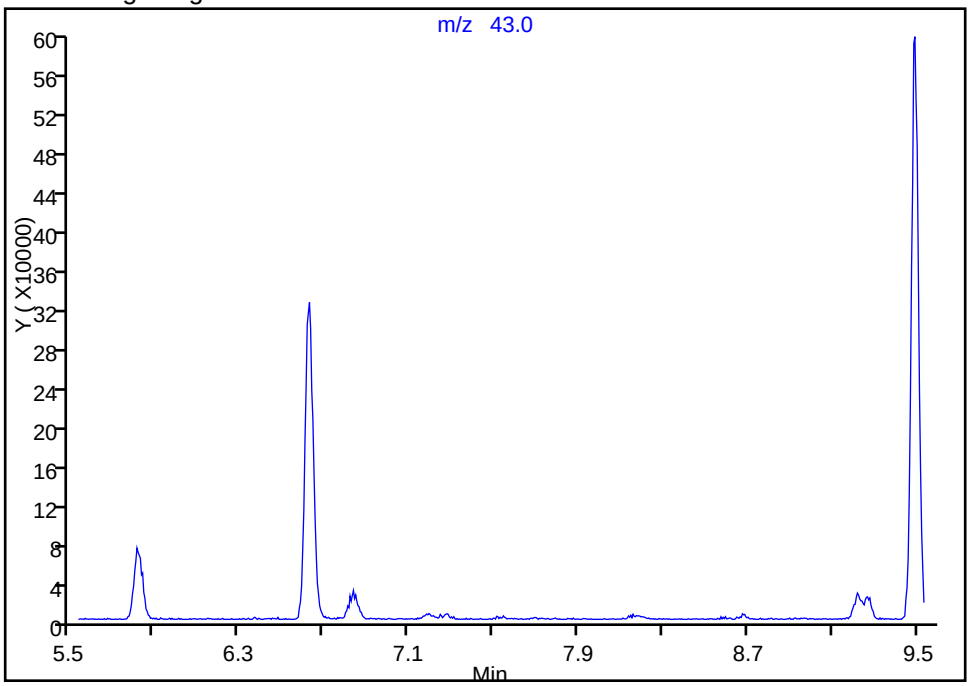
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 2-Methyl-2-propanol, CAS: 75-65-0

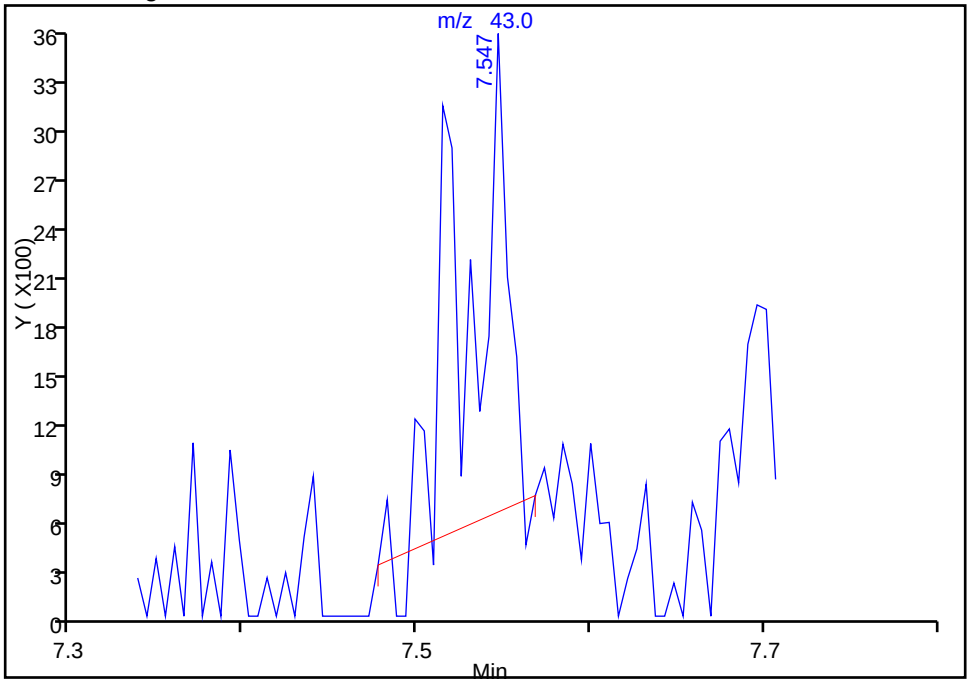
Processing Integration Results

Not Detected
Expected RT: 7.54



Manual Integration Results

RT: 7.55
Area: 4625
Amount: 0.313775
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

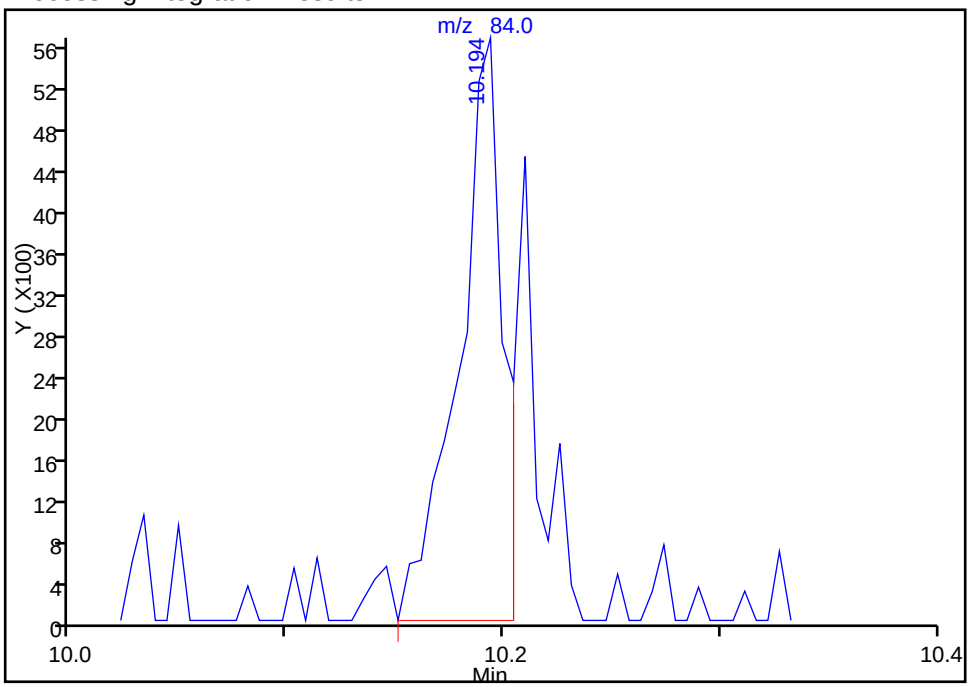
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Cyclohexane, CAS: 110-82-7

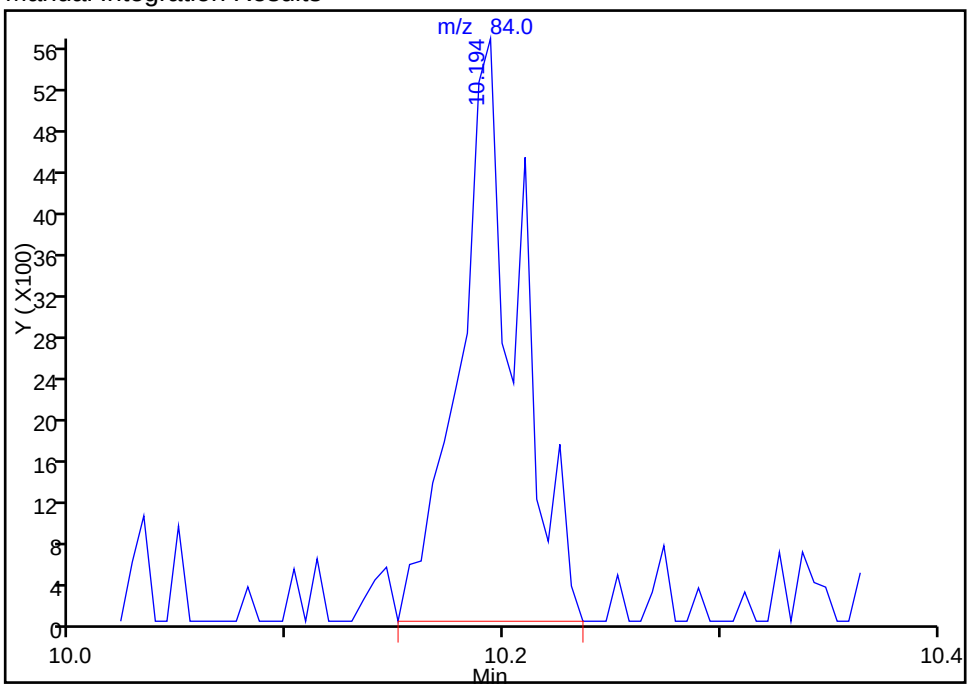
Processing Integration Results

RT: 10.19
Area: 8036
Amount: 0.101865
Amount Units: ppb v/v



Manual Integration Results

RT: 10.19
Area: 10756
Amount: 0.136345
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

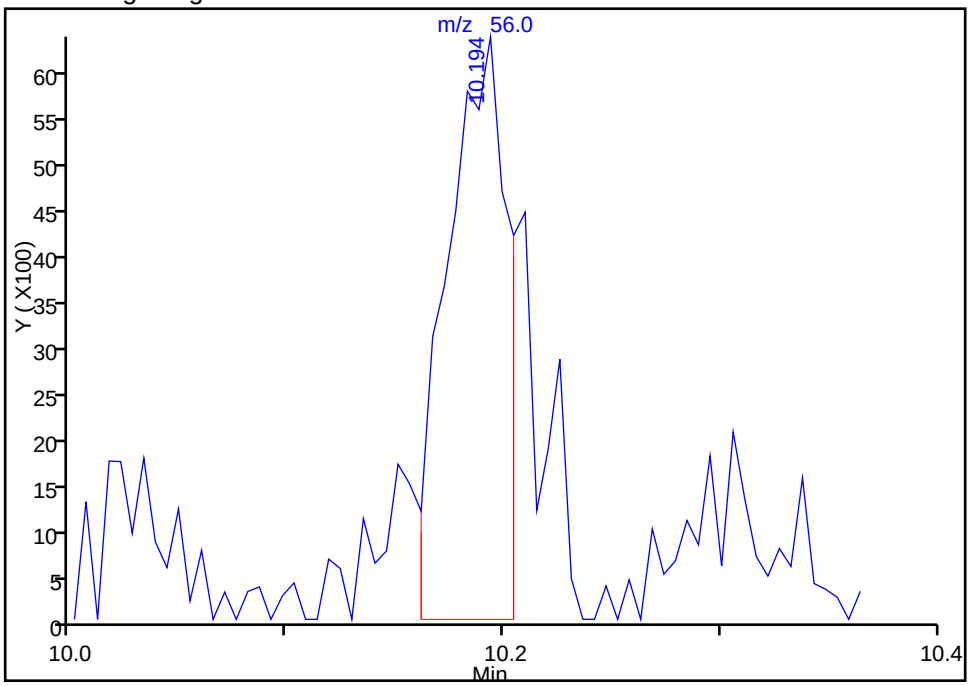
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Cyclohexane, CAS: 110-82-7

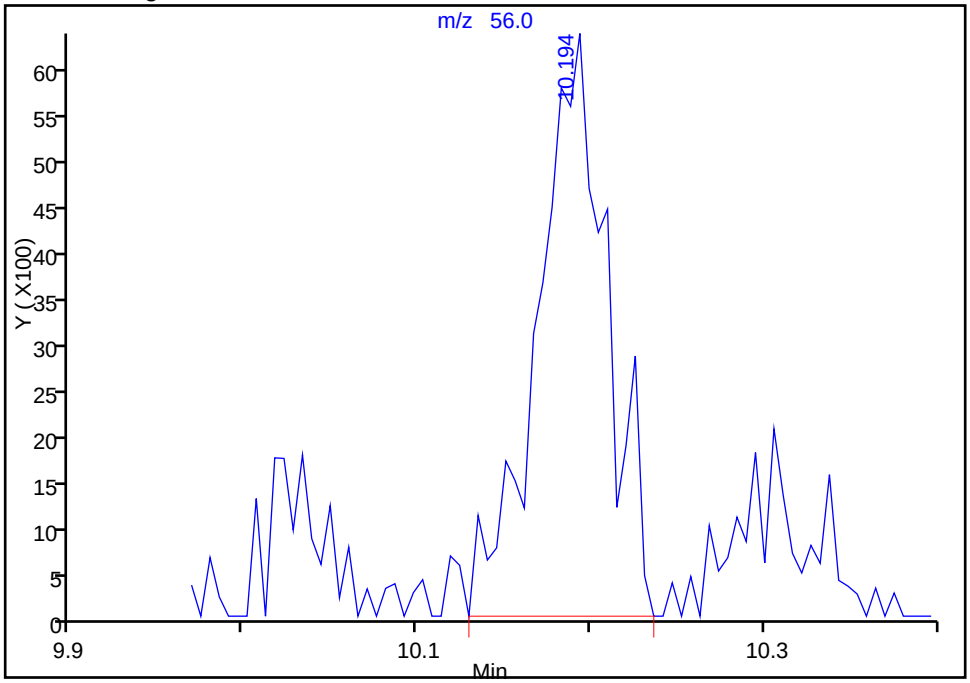
Processing Integration Results

RT: 10.19
Area: 12493
Amount: 0.101865
Amount Units: ppb v/v



Manual Integration Results

RT: 10.19
Area: 17758
Amount: 0.136345
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

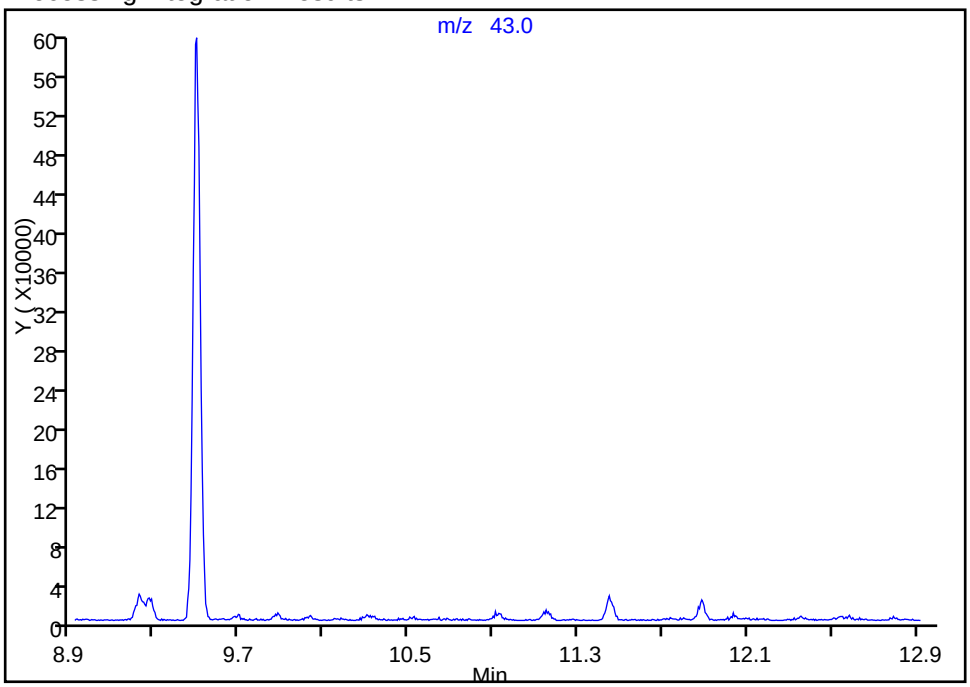
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

52 n-Heptane, CAS: 142-82-5

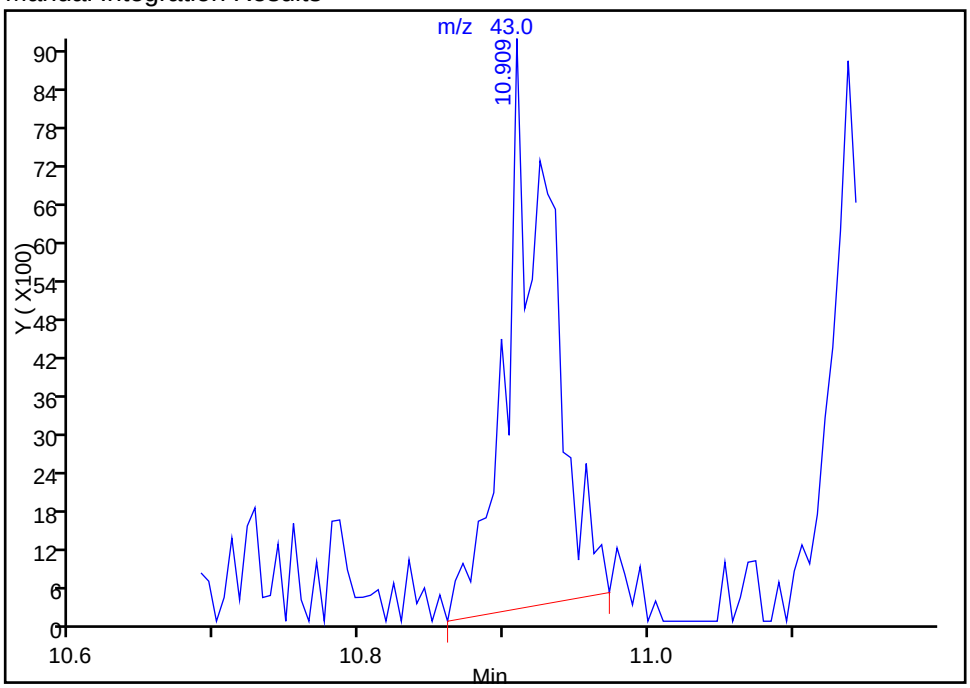
Not Detected
Expected RT: 10.92

Processing Integration Results



Manual Integration Results

RT: 10.91
Area: 19450
Amount: 0.175171
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

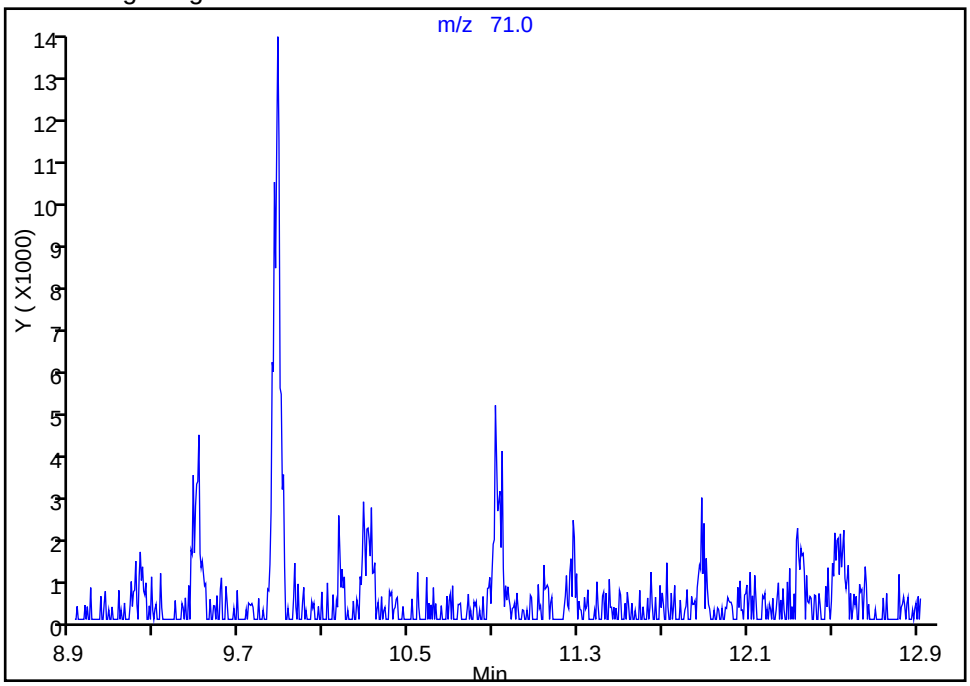
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

52 n-Heptane, CAS: 142-82-5

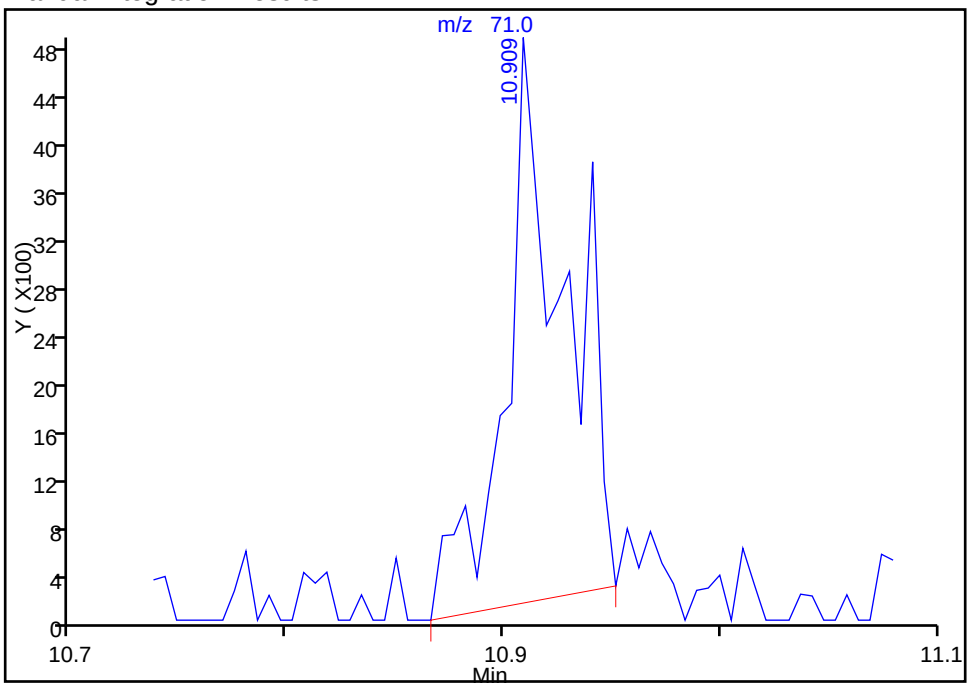
Not Detected
Expected RT: 10.92

Processing Integration Results



Manual Integration Results

RT: 10.91
Area: 9085
Amount: 0.175171
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

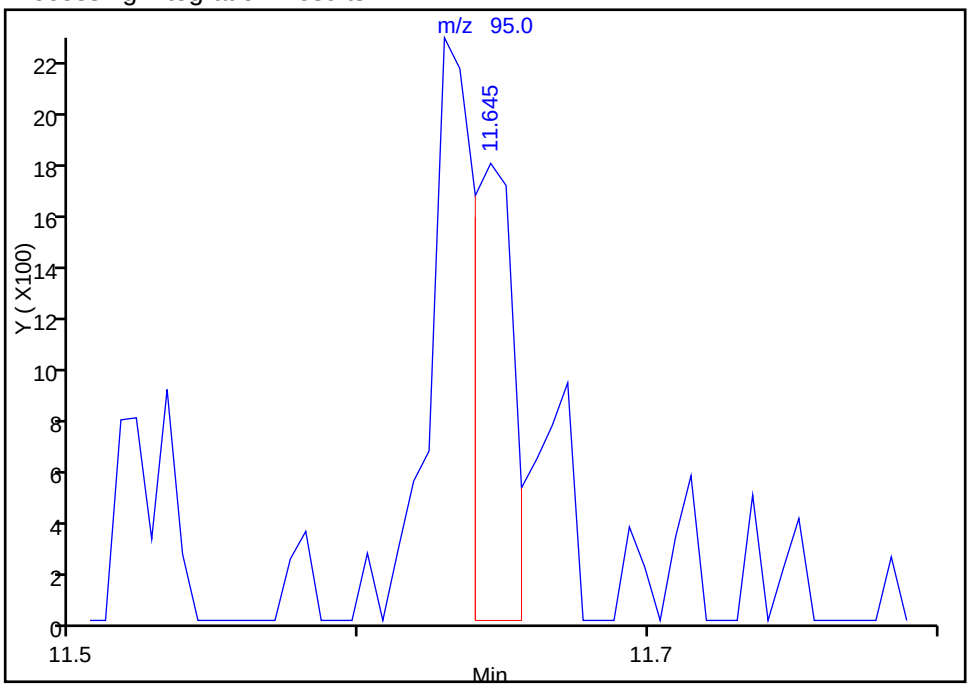
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

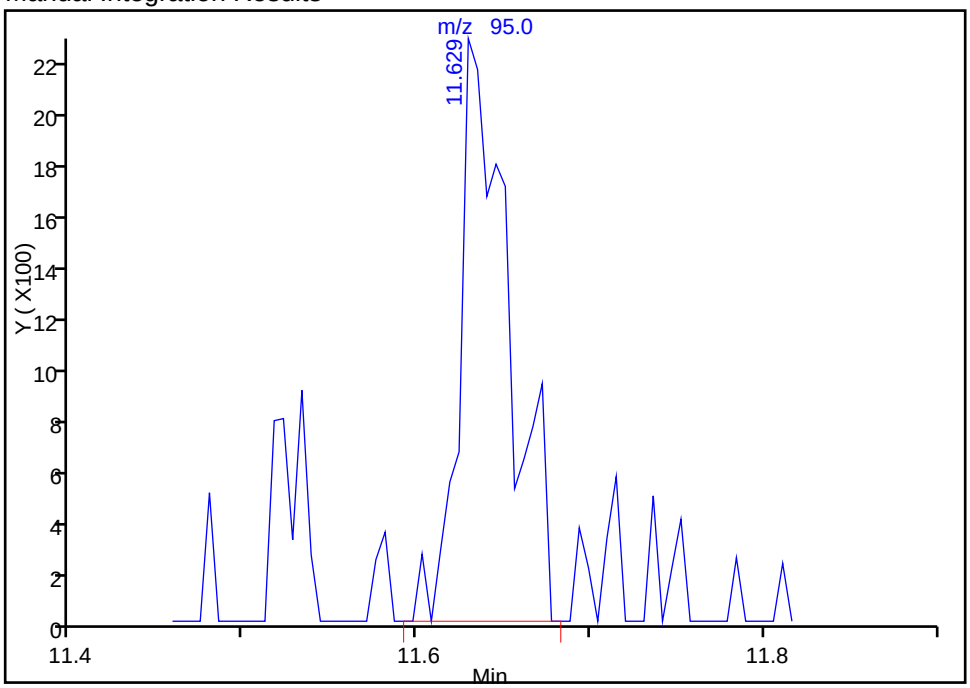
Processing Integration Results

RT: 11.65
Area: 1801
Amount: 0.021349
Amount Units: ppb v/v



Manual Integration Results

RT: 11.63
Area: 4508
Amount: 0.053438
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

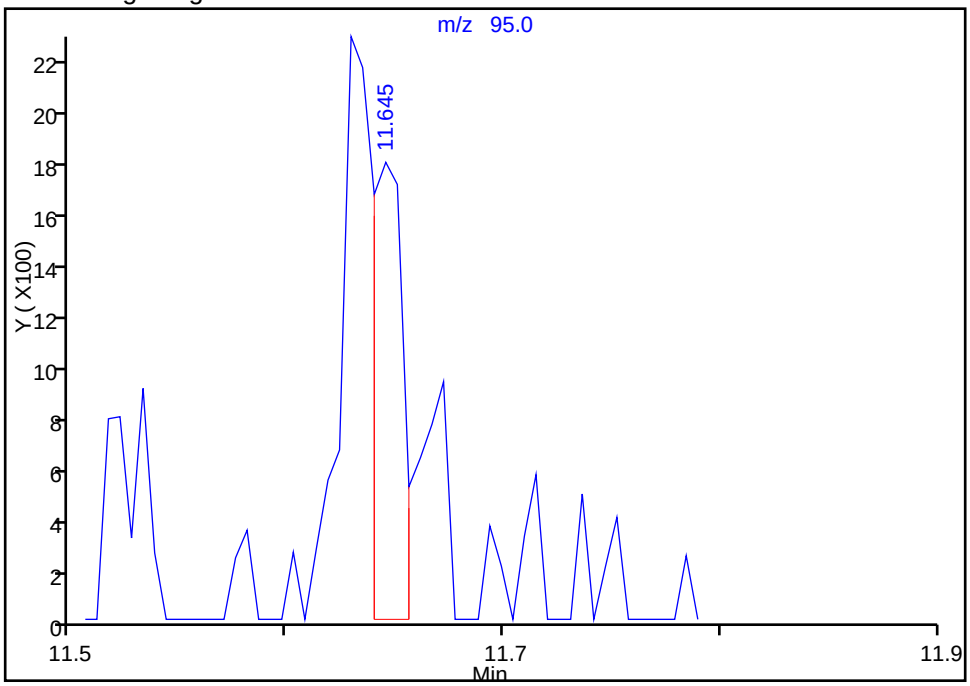
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

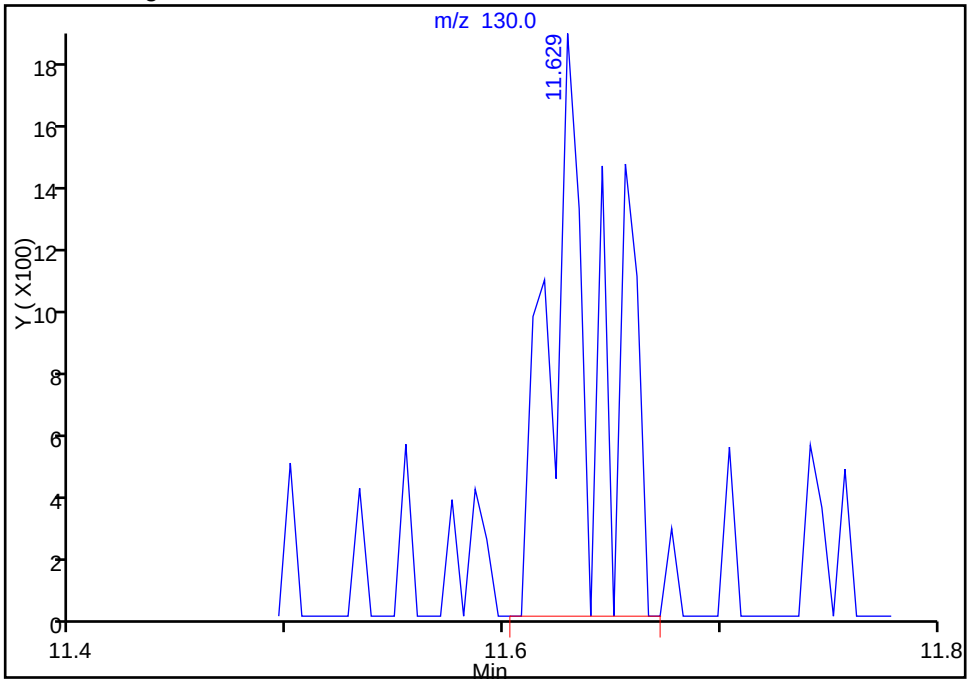
Processing Integration Results

RT: 11.64
Area: 0
Amount: 0.021349
Amount Units: ppb v/v



Manual Integration Results

RT: 11.63
Area: 3016
Amount: 0.053438
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

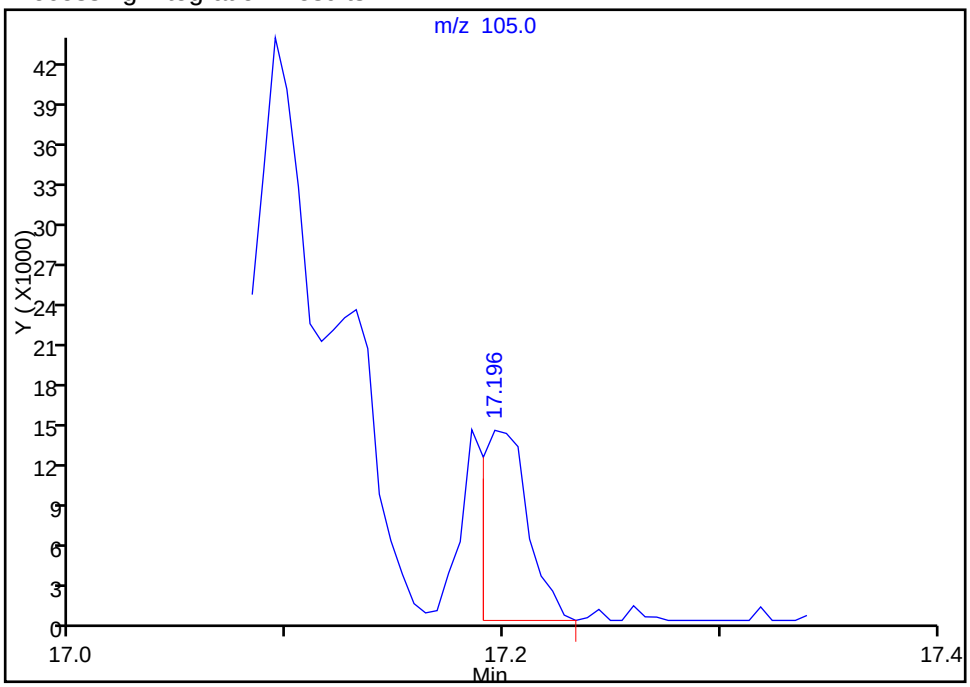
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_24a.D				
Injection Date:	30-Jan-2015 08:19:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-15	Lab Sample ID:	200-64806-15		
Client ID:	776VMP0101MA				
Operator ID:	pad	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 1,3,5-Trimethylbenzene, CAS: 108-67-8

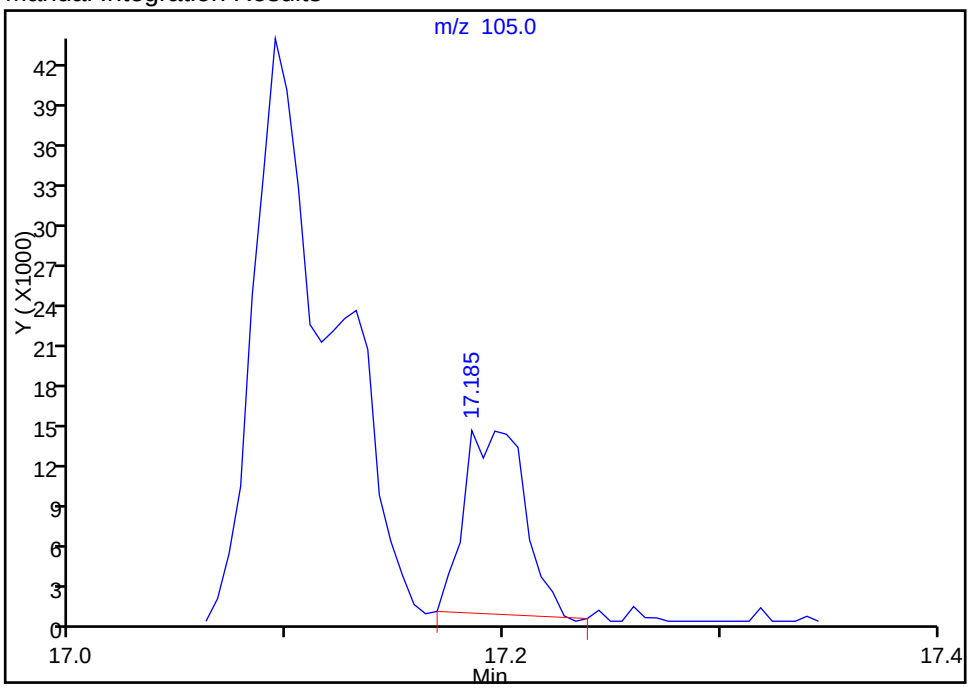
Processing Integration Results

RT: 17.20
Area: 20794
Amount: 0.063816
Amount Units: ppb v/v



Manual Integration Results

RT: 17.19
Area: 26537
Amount: 0.081441
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:13:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0201MA Lab Sample ID: 280-64806-16

Matrix: Air Lab File ID: 11879_18a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:44

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 01:22

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.53		0.50	0.056
75-45-6	Freon 22	86.47	2.9		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.59		0.50	0.060
106-97-8	n-Butane	58.12	1.0		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.22	M	0.20	0.045
76-13-1	Freon TF	187.38	0.070	J M	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	3.7	J	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	6.6		5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.091	J	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.21	M	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.094	J M	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.23	M	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.055	J	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0201MA Lab Sample ID: 280-64806-16

Matrix: Air Lab File ID: 11879_18a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:44

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 01:22

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.077	J M	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.23		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.092	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.25	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.085	J M	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.34		0.20	0.041
100-42-5	Styrene	104.15	0.16	J	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.031	J	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.061	J	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0201MA Lab Sample ID: 280-64806-16

Matrix: Air Lab File ID: 11879_18a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:44

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 01:22

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.13	J	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0201MA Lab Sample ID: 280-64806-16

Matrix: Air Lab File ID: 11879_18a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:44

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 01:22

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6		2.5	0.28
75-45-6	Freon 22	86.47	10		1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	1.2		1.0	0.12
106-97-8	n-Butane	58.12	2.5		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.2	M	1.1	0.25
76-13-1	Freon TF	187.38	0.54	J M	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	8.8	J	12	1.6
67-63-0	Isopropyl alcohol	60.10	16		12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.32	J	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.72	M	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.59	J M	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.75	M	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.22	J	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0201MA Lab Sample ID: 280-64806-16

Matrix: Air Lab File ID: 11879_18a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:44

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 01:22

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.42	J M	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.85		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.40	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	1.1	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.37	J M	0.87	0.078
1330-20-7	Xylene (total)	106.17	1.5		0.87	0.18
100-42-5	Styrene	104.15	0.67	J	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	J	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.30	J	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0201MA Lab Sample ID: 280-64806-16

Matrix: Air Lab File ID: 11879_18a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:44

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 01:22

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.68	J	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D
Lims ID: 280-64806-A-16 Lab Sample ID: 200-64806-16
Client ID: 776VMP0201MA
Sample Type: Client
Inject. Date: 30-Jan-2015 01:22:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011879-018
Misc. Info.: 64806-16
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 02-Feb-2015 08:44:11 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: lyonsb Date: 30-Jan-2015 15:58:06

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
5	Dichlorodifluoromethane	85	3.219	3.218	0.001	98	95169	0.5296	
6	Chlorodifluoromethane	51	3.261	3.261	0.000	97	293002	2.89	
7	1,2-Dichloro-1,1,2,2-tetra	85		3.448				ND	
8	Chloromethane	50	3.582	3.581	0.001	83	27252	0.5949	
9	Butane	43	3.763	3.763	0.000	97	86198	1.03	
10	Vinyl chloride	62		3.800				ND	
11	Butadiene	54		3.875				ND	
12	Bromomethane	94		4.579				ND	
14	Chloroethane	64		4.809				ND	
16	Vinyl bromide	106		5.241				ND	
17	Trichlorofluoromethane	101	5.327	5.326	0.001	57	38997	0.2206	M
23	1,1,2-Trichloro-1,2,2-trif	101	6.346	6.372	-0.026	1	8073	0.0704	M
24	1,1-Dichloroethene	96		6.453				ND	
25	Acetone	43	6.618	6.629	-0.011	85	371339	3.72	
26	Isopropyl alcohol	45	6.837	6.826	0.011	97	485790	6.57	
27	Carbon disulfide	76		6.885				ND	
29	3-Chloro-1-propene	41		7.173				ND	
31	Methylene Chloride	49		7.429				ND	
32	2-Methyl-2-propanol	59		7.536				ND	
33	Methyl tert-butyl ether	73		7.765				ND	
34	trans-1,2-Dichloroethene	61		7.840				ND	
36	Hexane	57	8.155	8.150	0.005	60	7346	0.0909	
37	1,1-Dichloroethane	63		8.598				ND	
40	2-Butanone (MEK)	72		9.495				ND	
39	cis-1,2-Dichloroethene	96		9.500				ND	
43	Tetrahydrofuran	42		9.868				ND	
* 44	Chlorobromomethane	128	9.874	9.874	0.000	86	573660	10.0	
45	Chloroform	83		9.943				ND	
S 42	1,2-Dichloroethene, Total	61		10.000				ND	
46	Cyclohexane	84	10.199	10.199	0.000	68	16480	0.2079	M
47	1,1,1-Trichloroethane	97		10.199				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
48 Carbon tetrachloride	117	10.391	10.391	0.000	3	15798	0.0936	M
49 Isooctane	57		10.663				ND	
50 Benzene	78	10.728	10.733	-0.005	80	39811	0.2333	M
51 1,2-Dichloroethane	62	10.850	10.839	0.011	70	5159	0.0554	
52 n-Heptane	43		10.920				ND	
* 54 1,4-Difluorobenzene	114	11.272	11.272	0.000	94	2829754	10.0	
57 Trichloroethene	95	11.640	11.640	0.000	42	6547	0.0773	M
58 1,2-Dichloropropane	63		12.024				ND	
59 Methyl methacrylate	69		12.051				ND	
60 1,4-Dioxane	88		12.147				ND	
62 Dichlorobromomethane	83		12.377				ND	
64 cis-1,3-Dichloropropene	75		13.006				ND	
65 4-Methyl-2-pentanone (MIBK	43		13.150				ND	
68 Toluene	92	13.433	13.433	0.000	90	28656	0.2254	
70 trans-1,3-Dichloropropene	75		13.796				ND	
71 1,1,2-Trichloroethane	83		14.074				ND	
72 Tetrachloroethene	166		14.191				ND	
73 2-Hexanone	43		14.324				ND	
74 Chlorodibromomethane	129		14.618				ND	
75 Ethylene Dibromide	107		14.821				ND	
* 76 Chlorobenzene-d5	117	15.365	15.371	-0.006	87	2450925	10.0	
77 Chlorobenzene	112		15.408				ND	
79 Ethylbenzene	91	15.462	15.472	-0.010	96	28439	0.0925	
80 m-Xylene & p-Xylene	106	15.611	15.616	-0.005	0	29463	0.2508	
S 81 Xylenes, Total	106				0		0.3360	
82 o-Xylene	106	16.129	16.128	0.001	33	9787	0.0853	M
83 Styrene	104	16.145	16.150	-0.005	89	29727	0.1584	
84 Bromoform	173		16.449				ND	
85 Isopropylbenzene	105		16.529				ND	
$ 86 4-Bromofluorobenzene	95	16.790	16.795	-0.005	94	1717535	NC	
87 1,1,2,2-Tetrachloroethane	83		16.945				ND	
88 N-Propylbenzene	91		17.009				ND	
91 4-Ethyltoluene	105	17.121	17.132	-0.011	1	11027	0.0306	
92 2-Chlorotoluene	91		17.180				ND	
93 1,3,5-Trimethylbenzene	105		17.196				ND	
95 tert-Butylbenzene	119		17.580				ND	
96 1,2,4-Trimethylbenzene	105	17.650	17.649	0.001	90	19286	0.0611	
97 sec-Butylbenzene	105		17.842				ND	
98 4-Isopropyltoluene	119		17.991				ND	
99 1,3-Dichlorobenzene	146		18.076				ND	
100 1,4-Dichlorobenzene	146		18.188				ND	
101 Benzyl chloride	91		18.349				ND	
103 n-Butylbenzene	91		18.509				ND	
104 1,2-Dichlorobenzene	146		18.690				ND	
107 1,2,4-Trichlorobenzene	180		21.102				ND	
108 Hexachlorobutadiene	225		21.262				ND	
109 Naphthalene	128	21.615	21.609	0.006	81	50345	0.1289	7

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

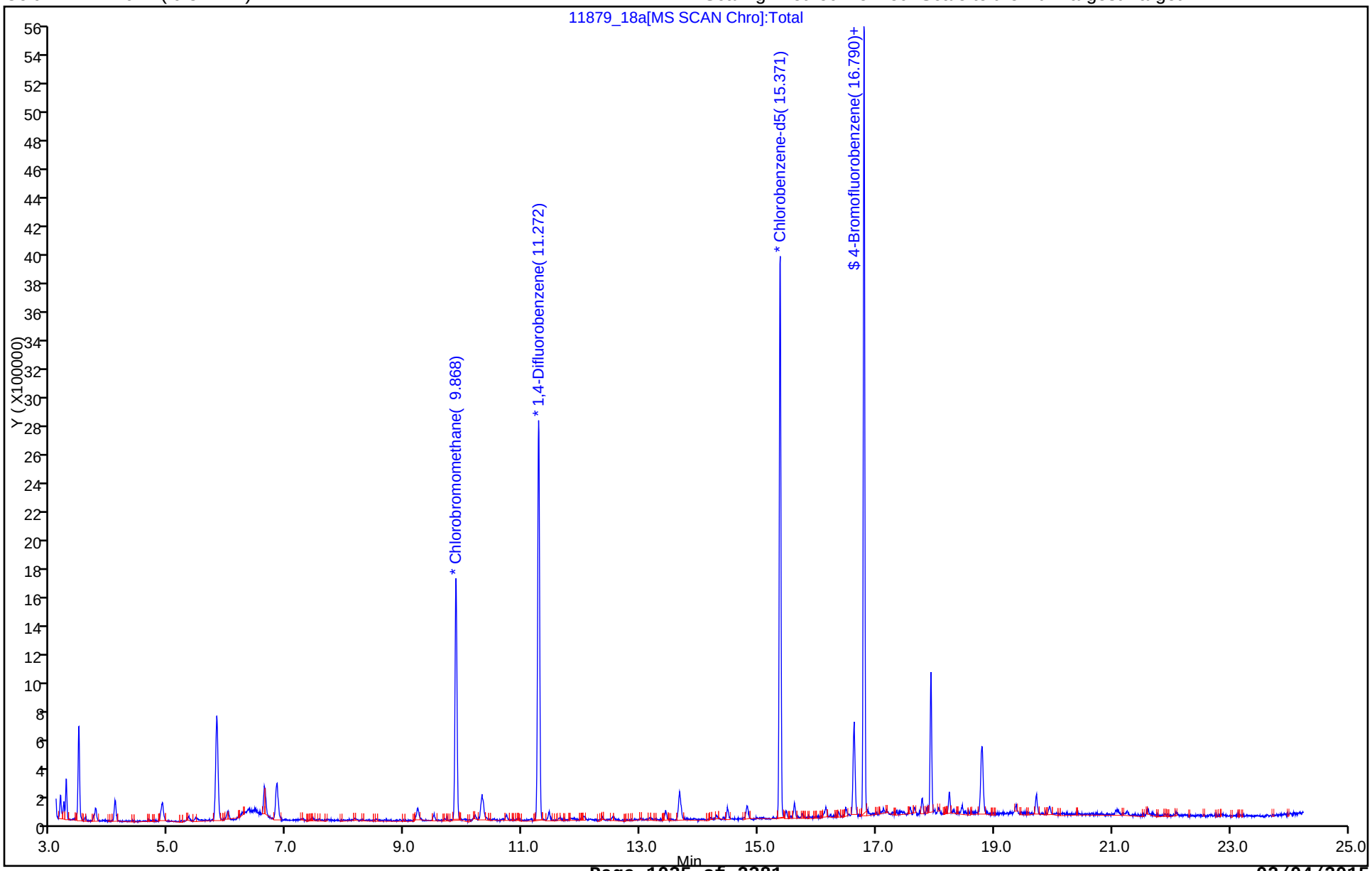
Report Date: 02-Feb-2015 08:44:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D

Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16	Worklist Smp#:	18
Client ID:	776VMP0201MA				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



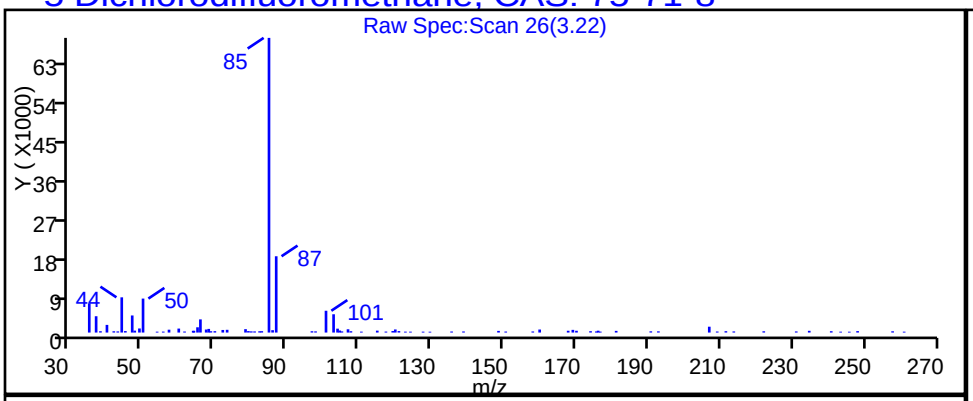
Report Date: 02-Feb-2015 08:44:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

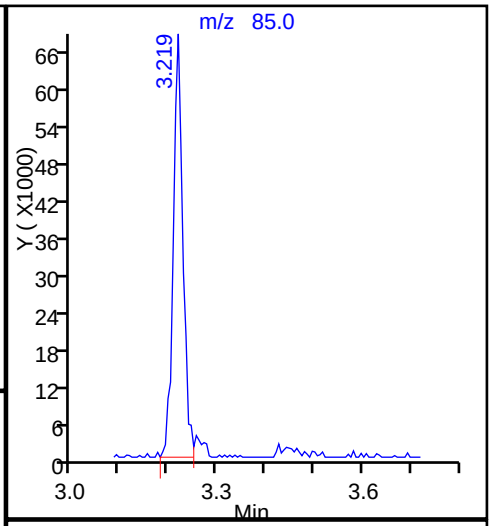
TestAmerica Burlington

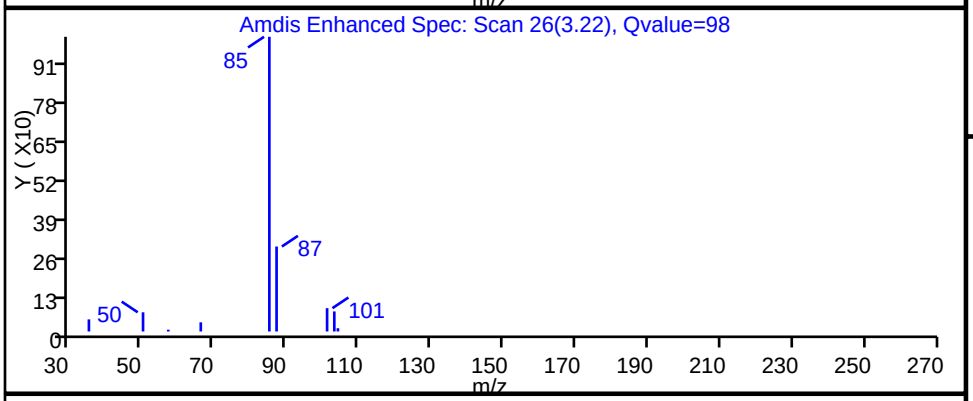
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D

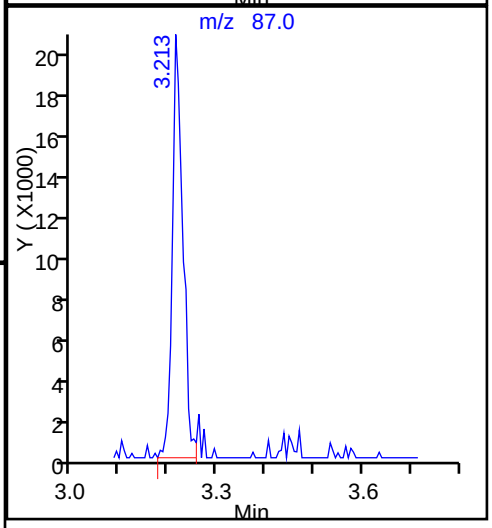
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

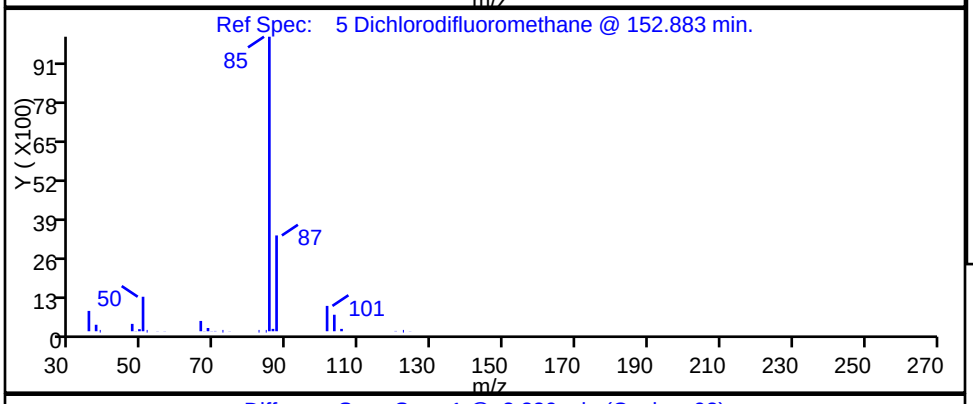
5 Dichlorodifluoromethane, CAS: 75-71-8

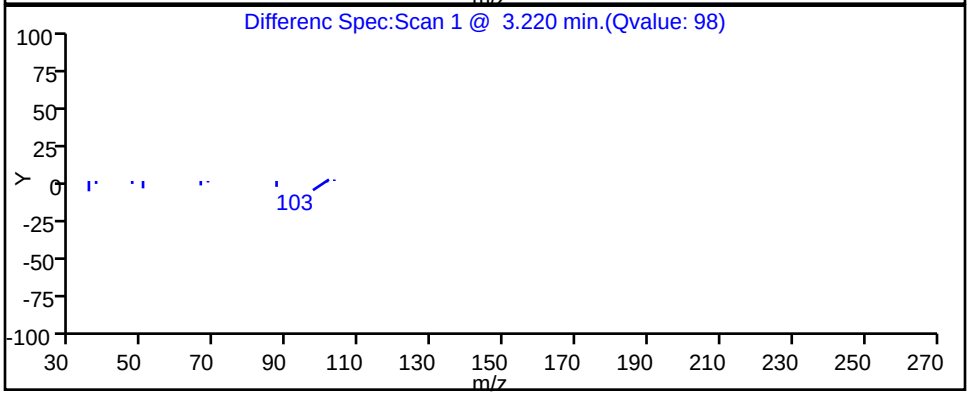








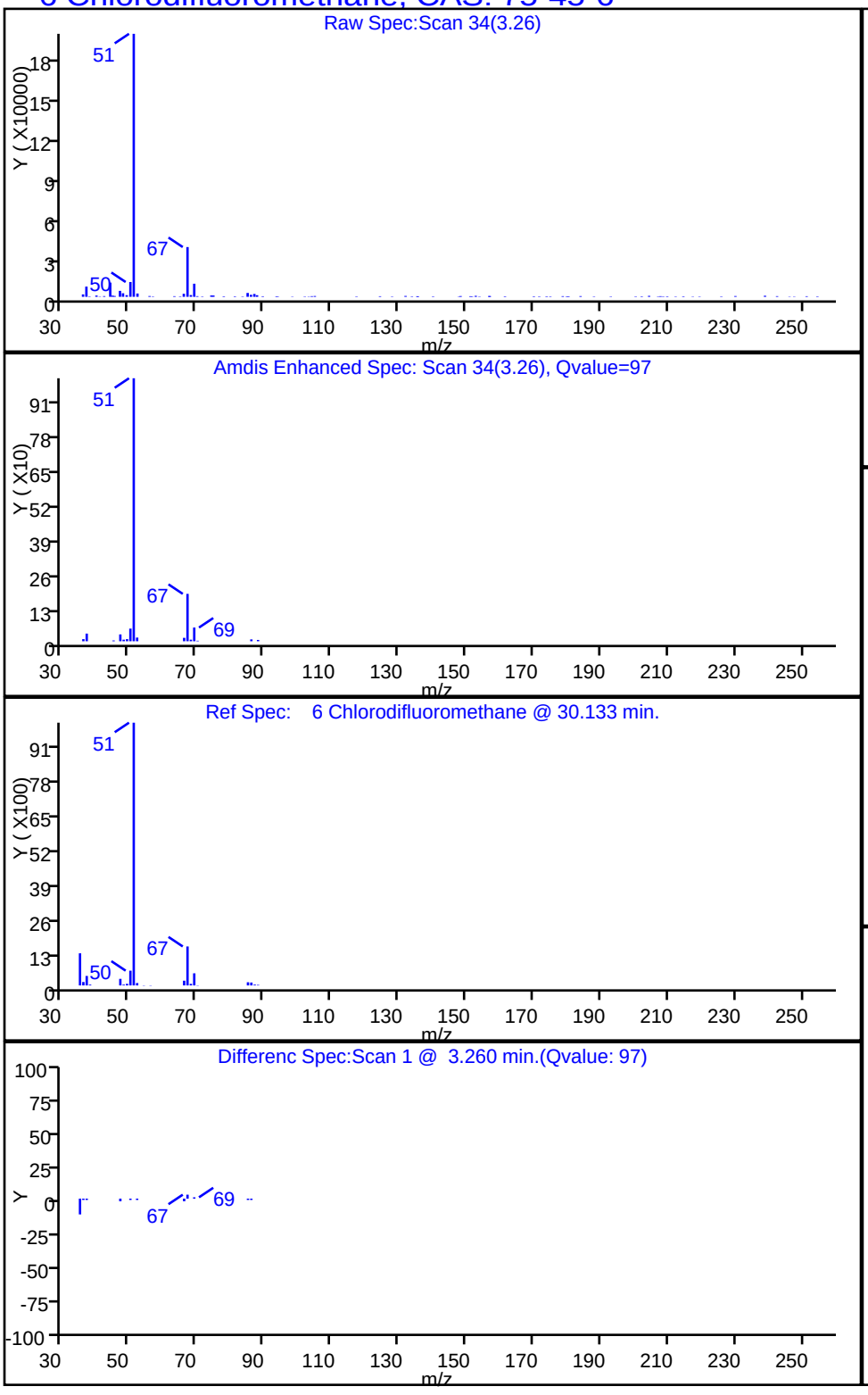


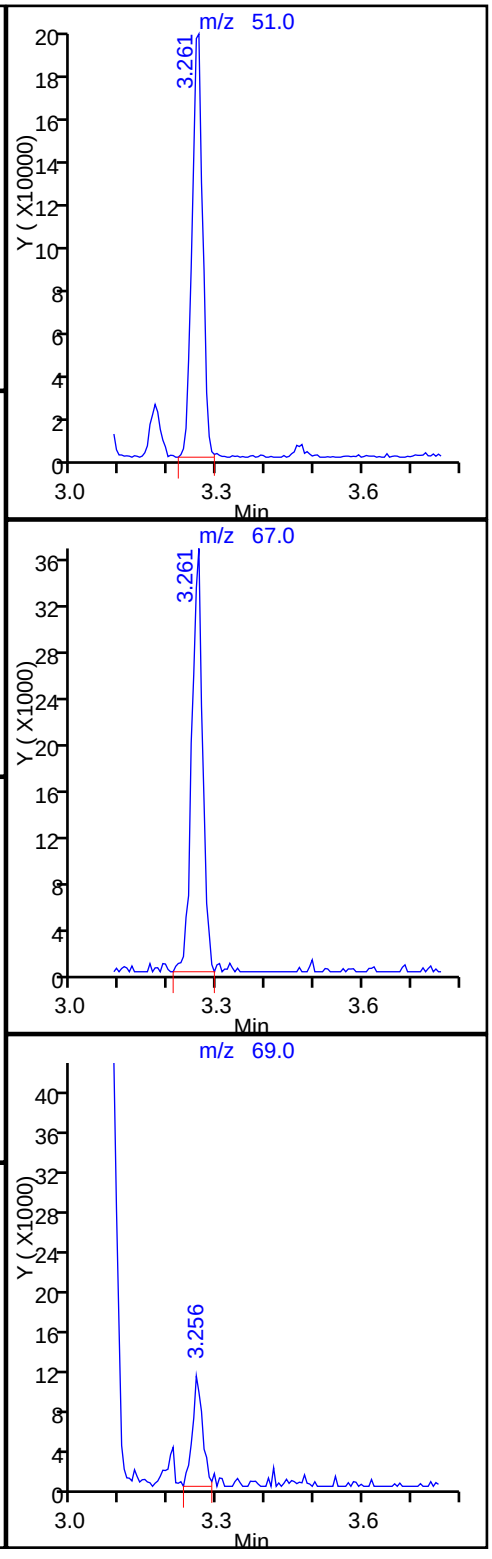


TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Chlorodifluoromethane, CAS: 75-45-6

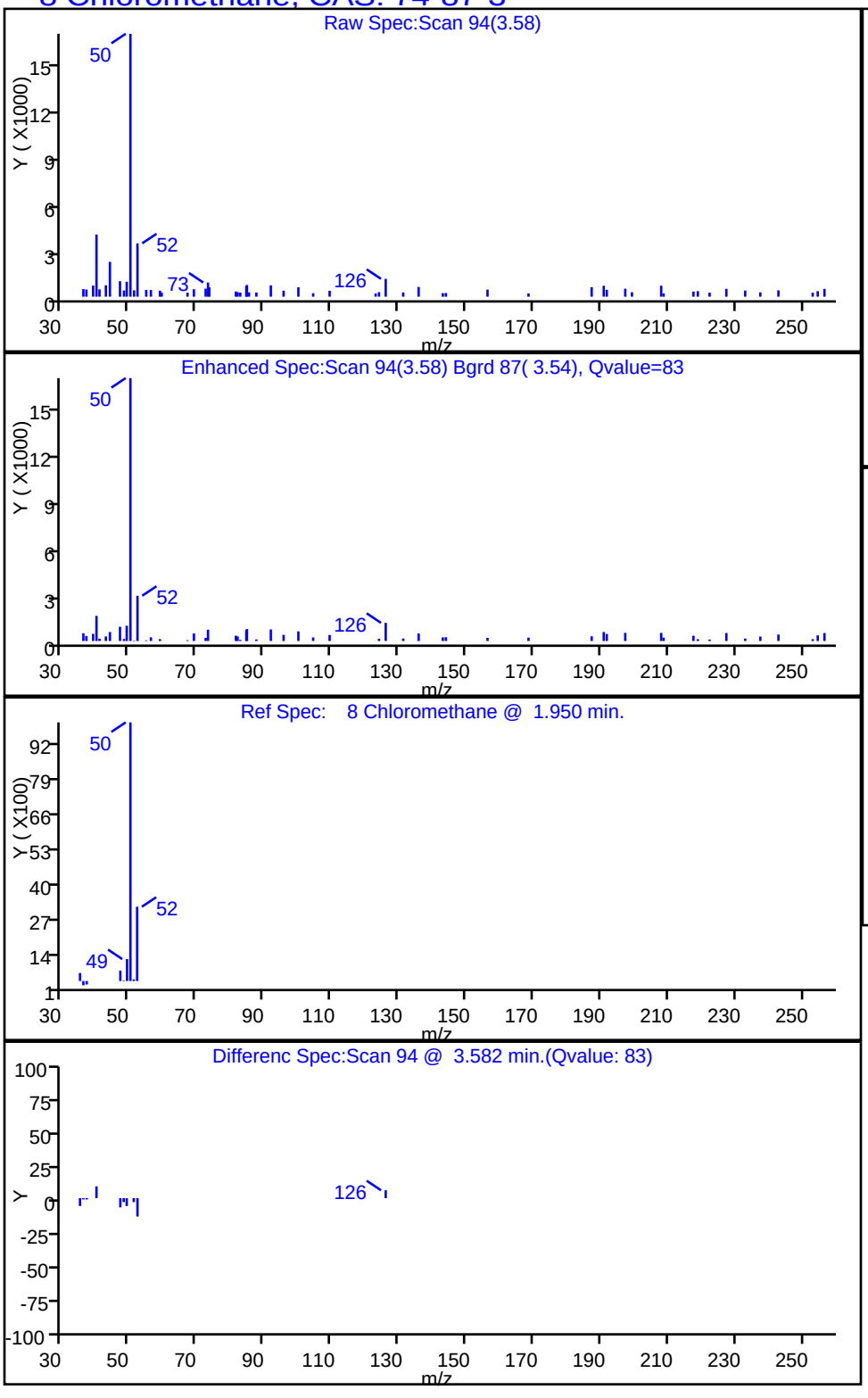


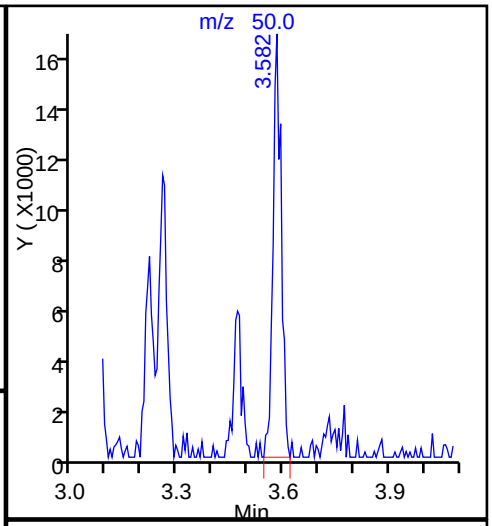


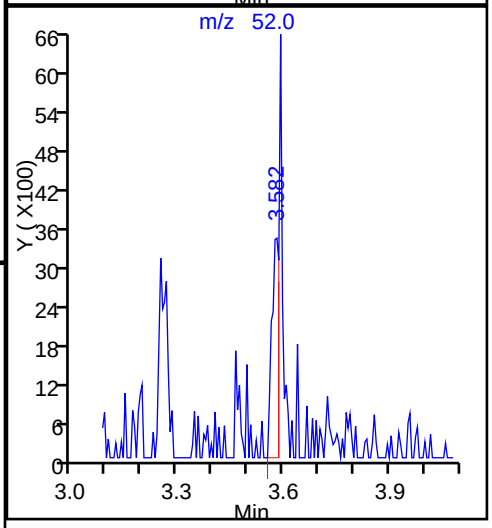
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

8 Chloromethane, CAS: 74-87-3



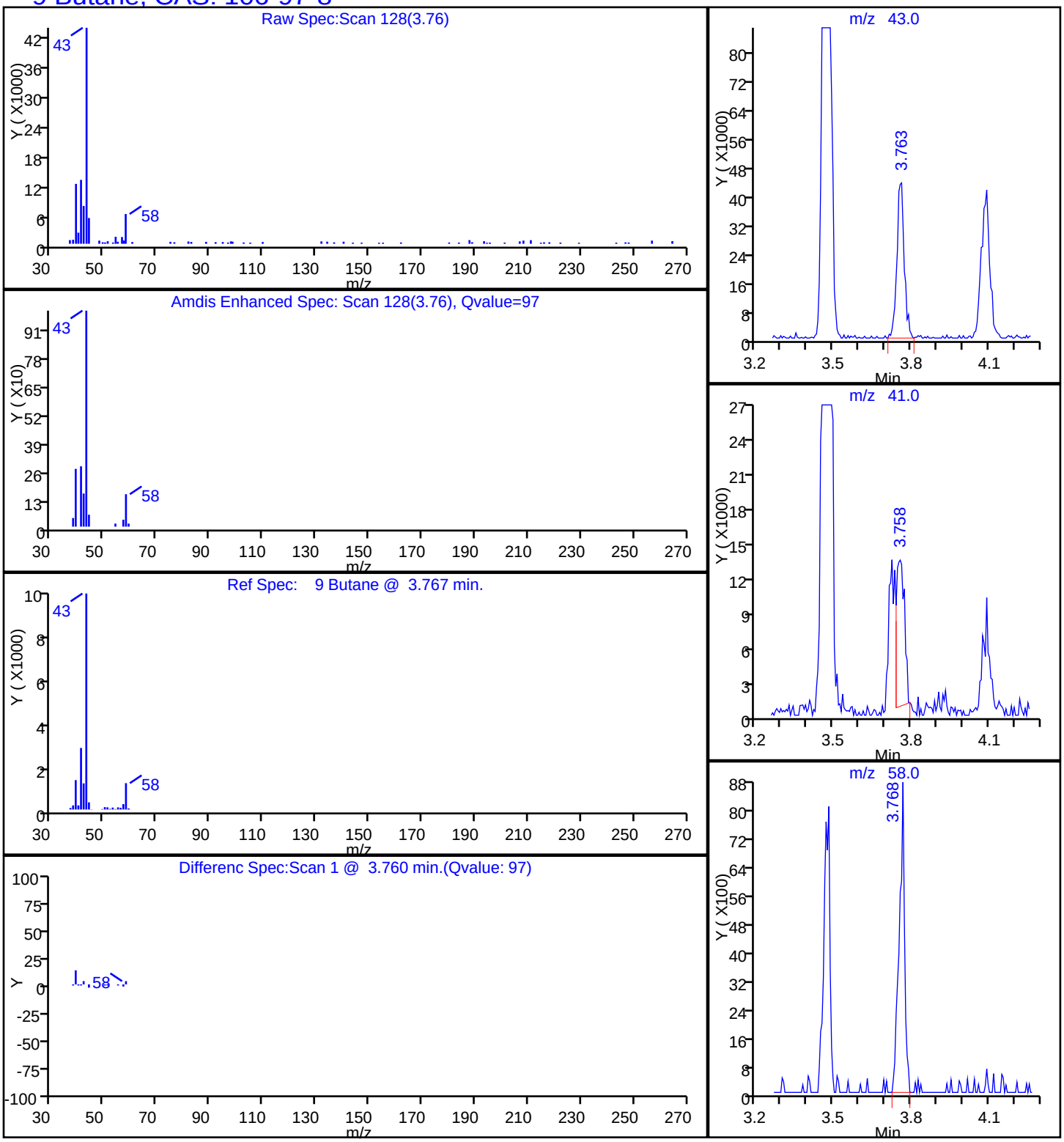




TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D		
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16
Client ID:	776VMP0201MA		
Operator ID:	pad	ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

9 Butane, CAS: 106-97-8



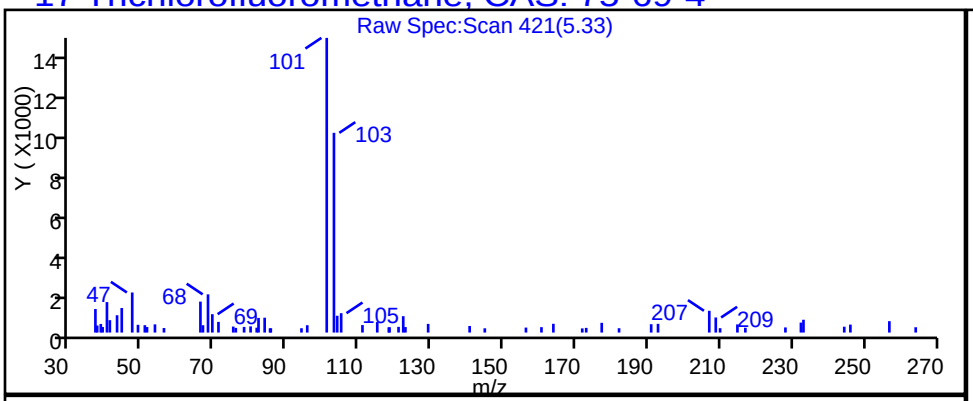
Report Date: 02-Feb-2015 08:44:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

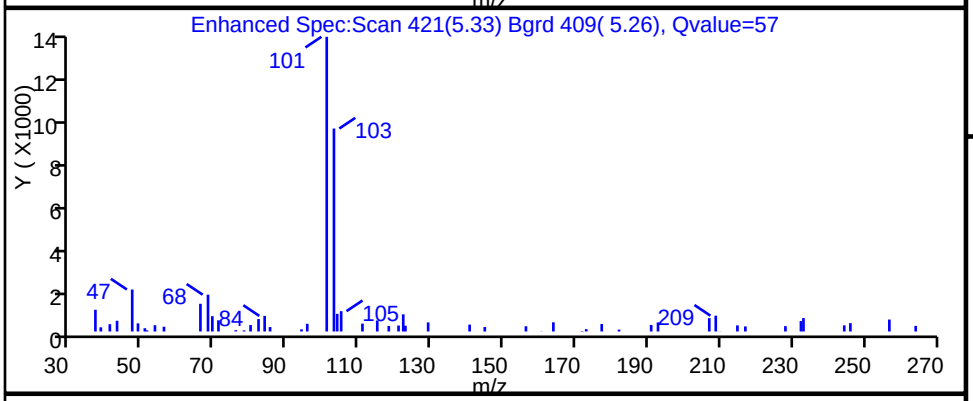
TestAmerica Burlington

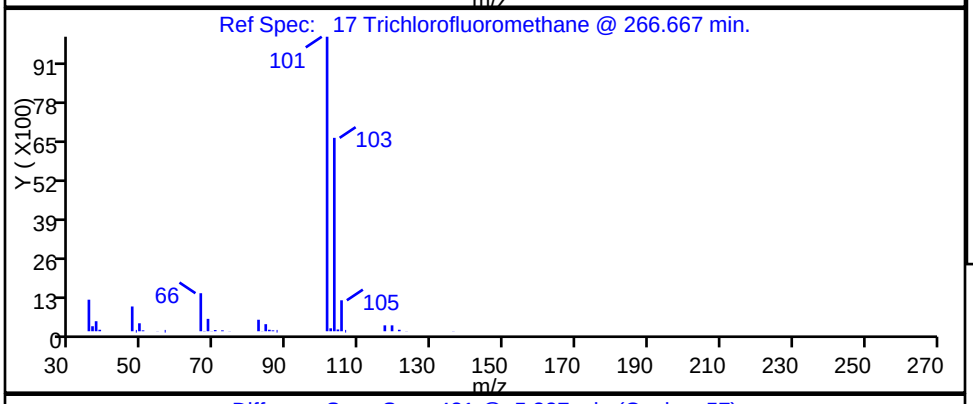
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D

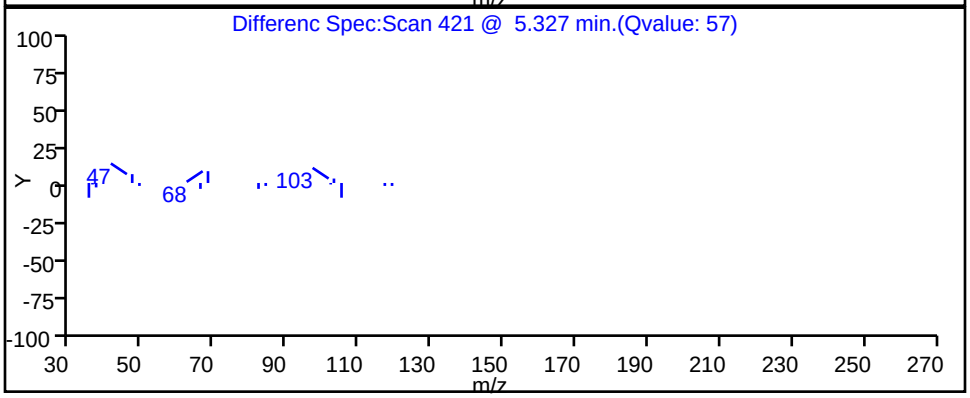
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

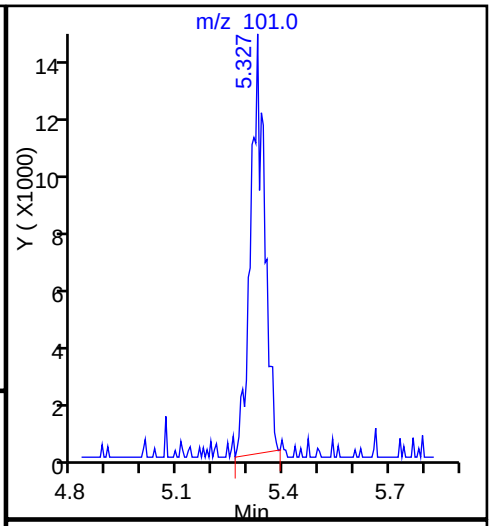
17 Trichlorofluoromethane, CAS: 75-69-4

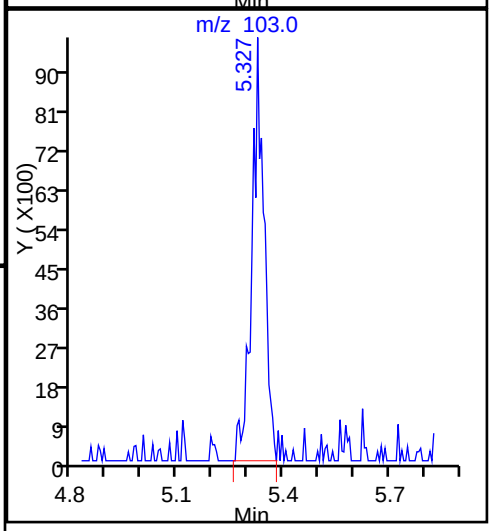






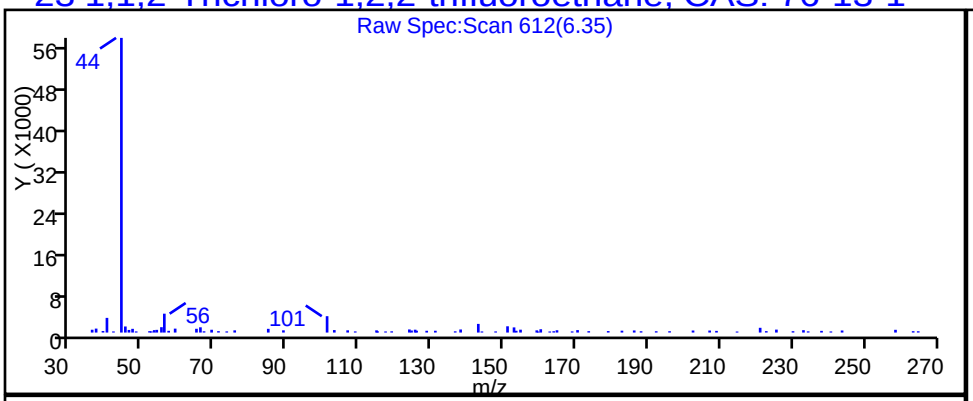


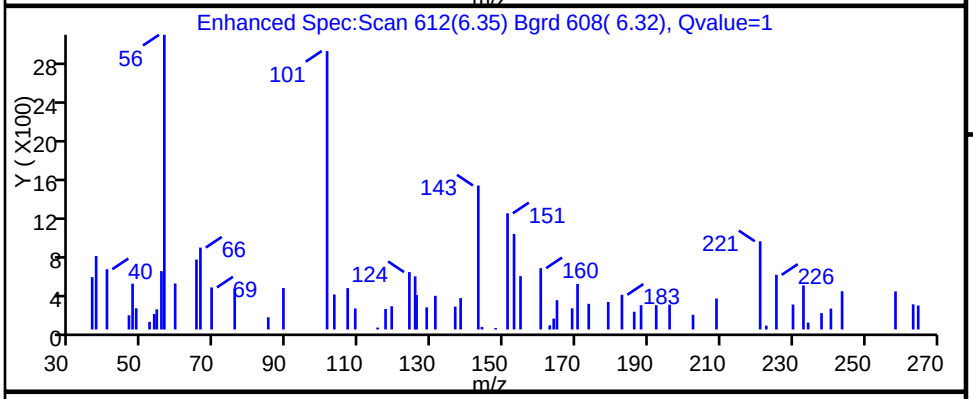


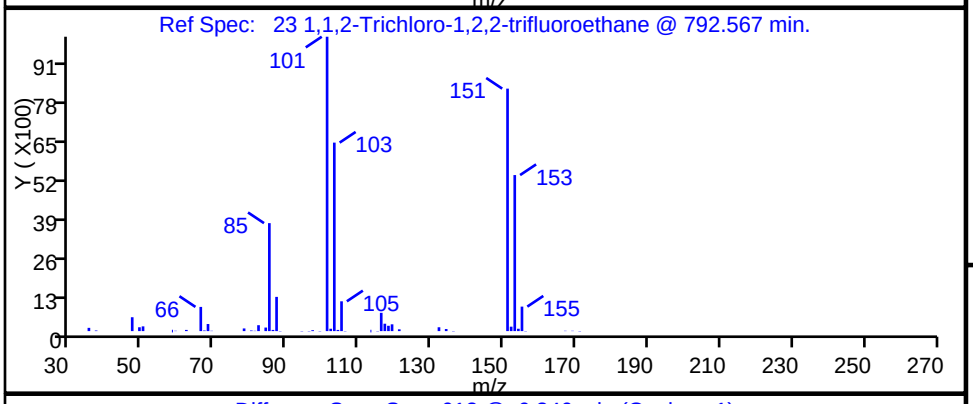


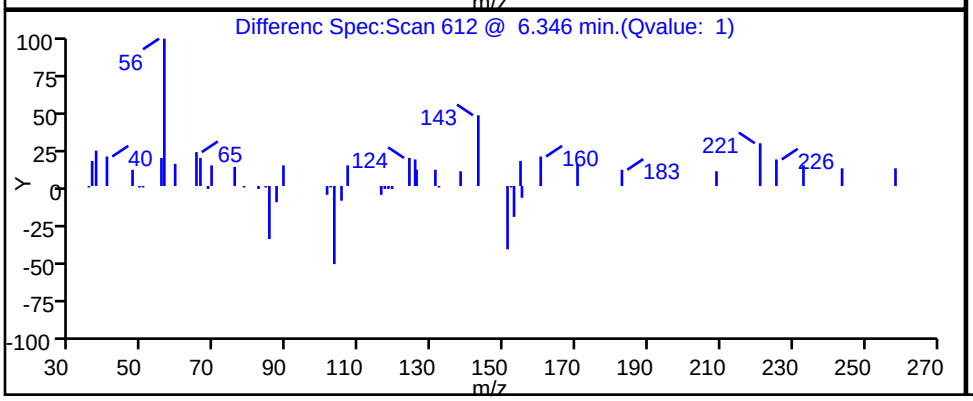
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D
Injection Date: 30-Jan-2015 01:22:30 Instrument ID: CHB.i
Lims ID: 280-64806-A-16 Lab Sample ID: 200-64806-16
Client ID: 776VMP0201MA
Operator ID: pad ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

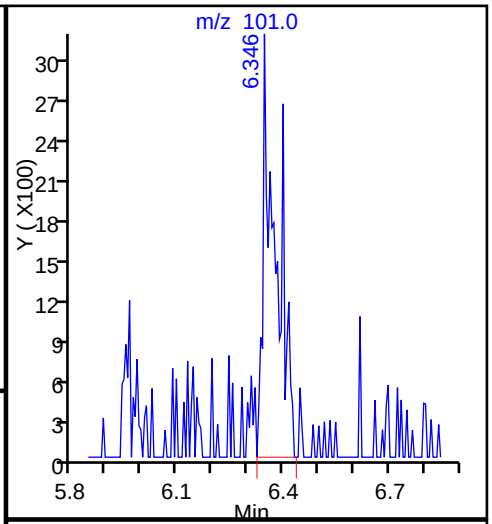
23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

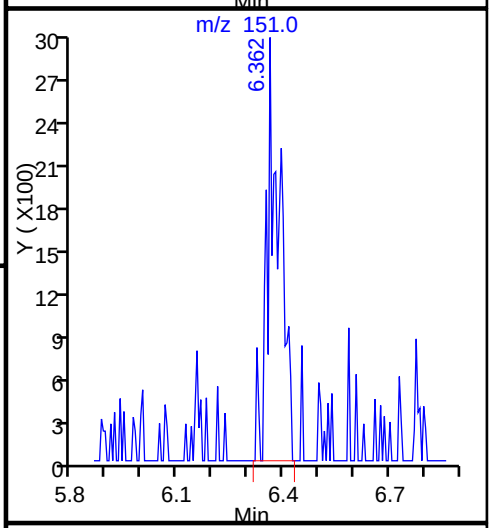


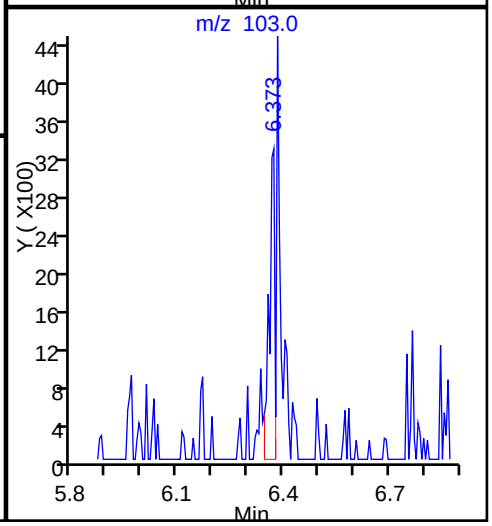








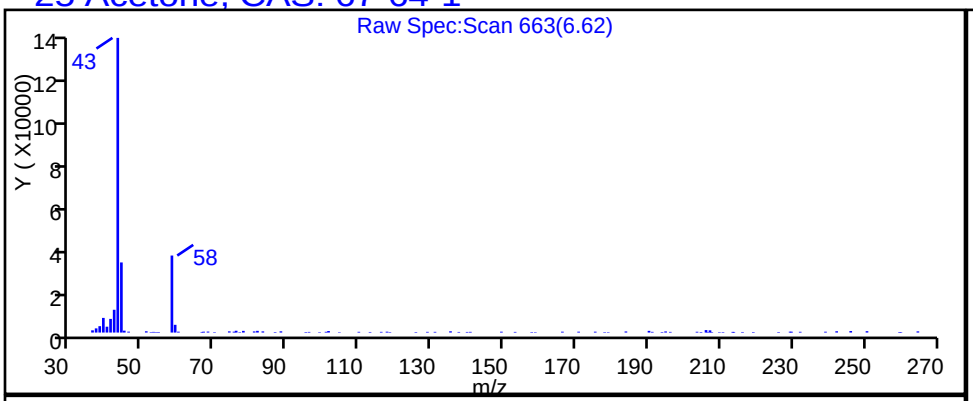


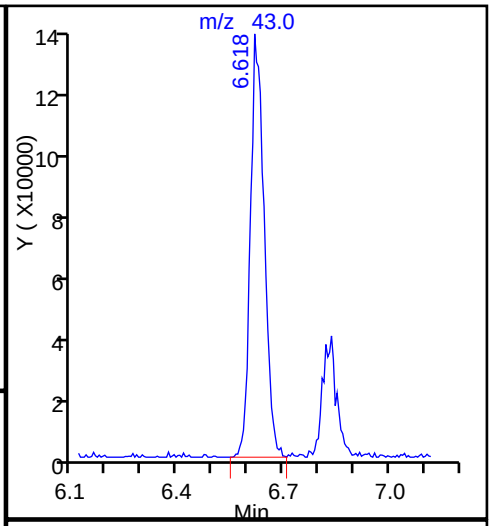


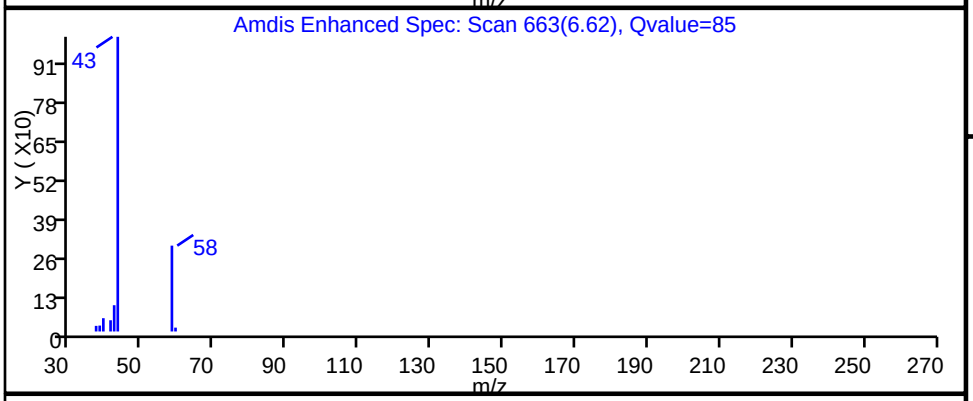
TestAmerica Burlington

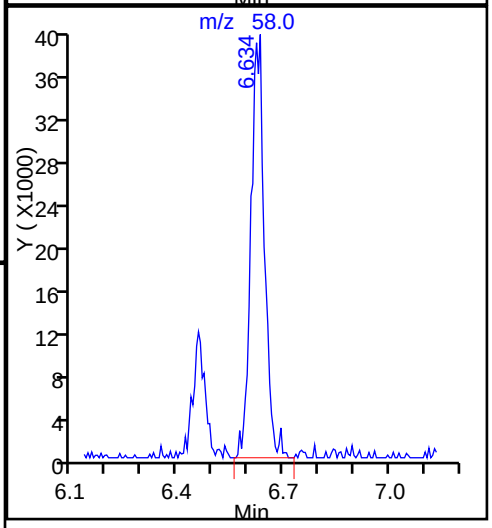
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

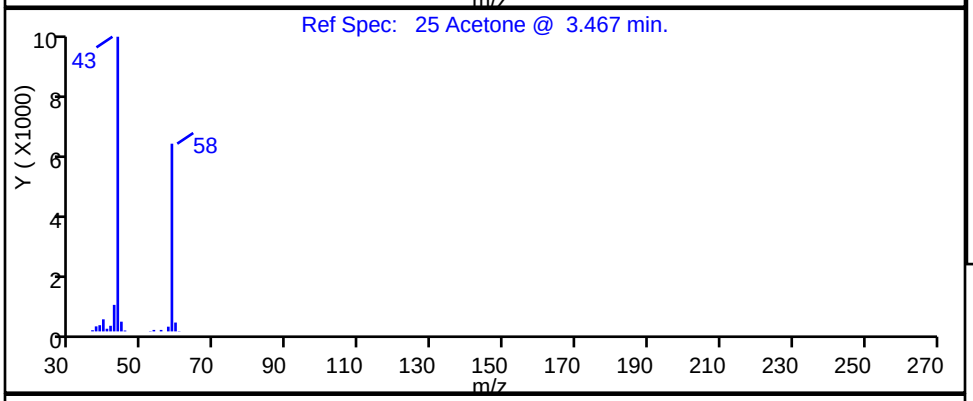
25 Acetone, CAS: 67-64-1

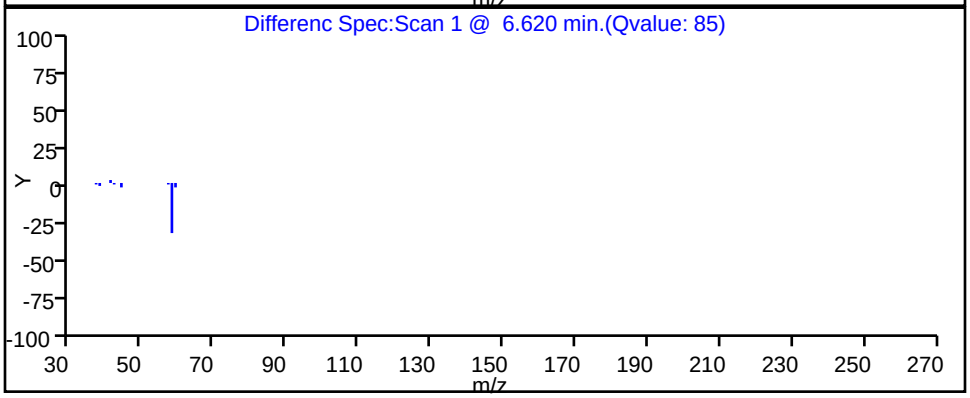












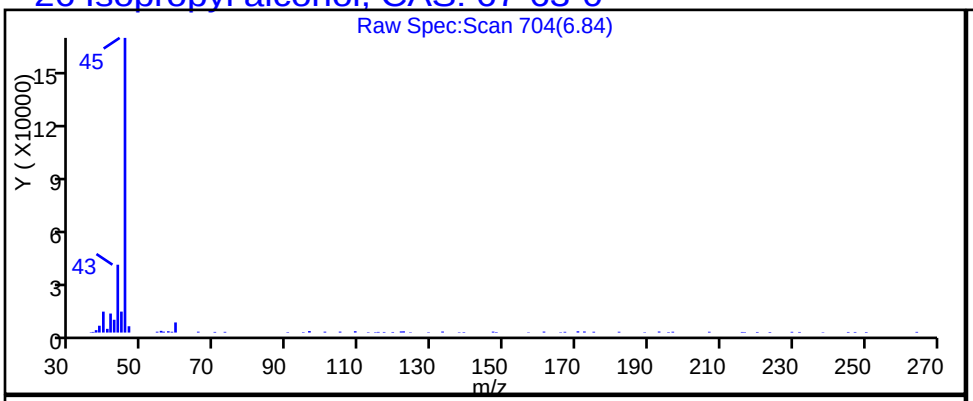
Report Date: 02-Feb-2015 08:44:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

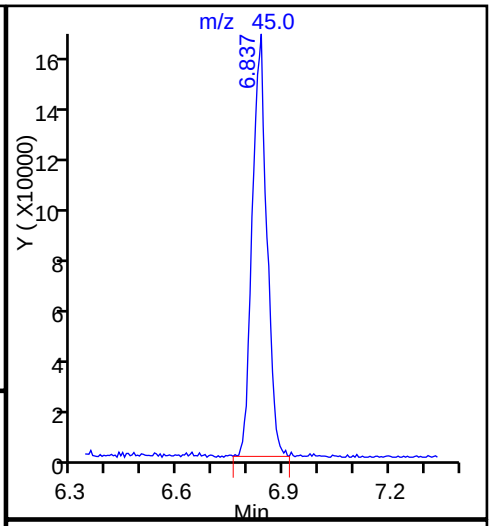
TestAmerica Burlington

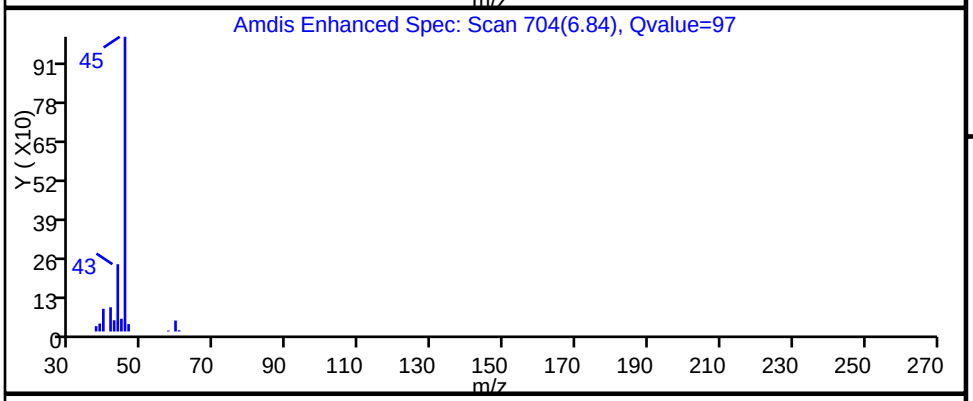
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D

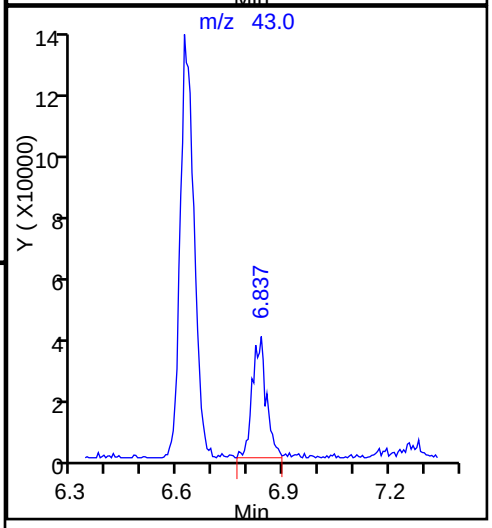
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16
Client ID:	776VMP0201MA		
Operator ID:	pad	ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

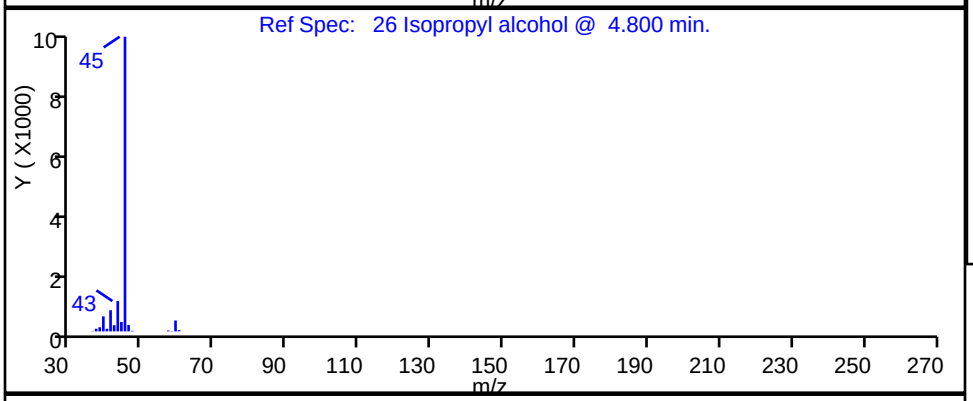
26 Isopropyl alcohol, CAS: 67-63-0

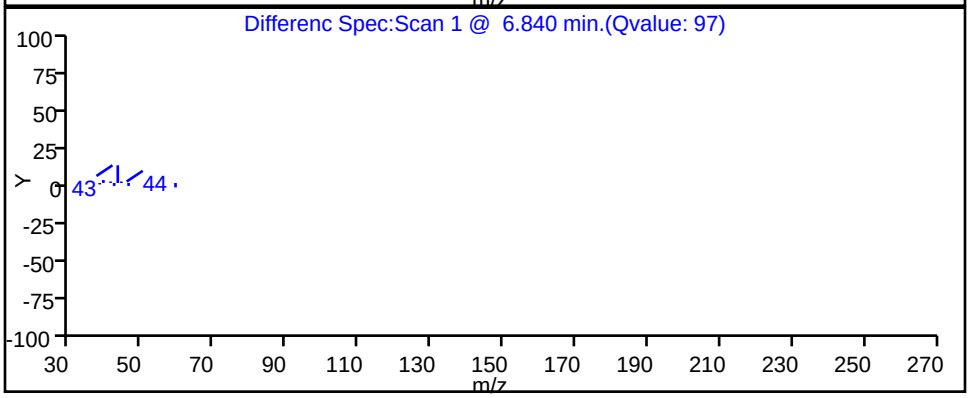








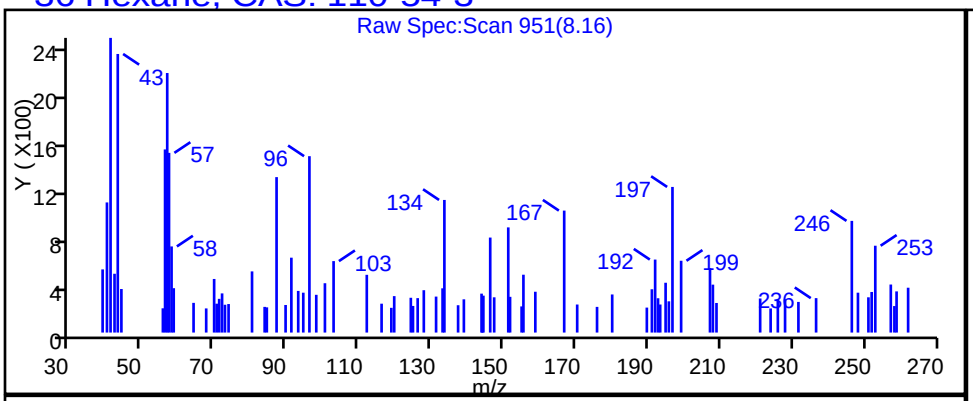


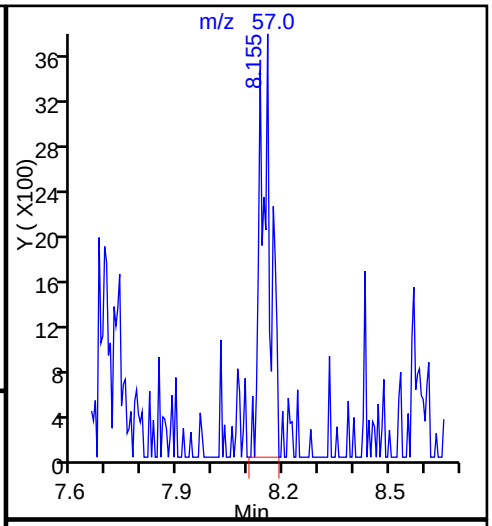


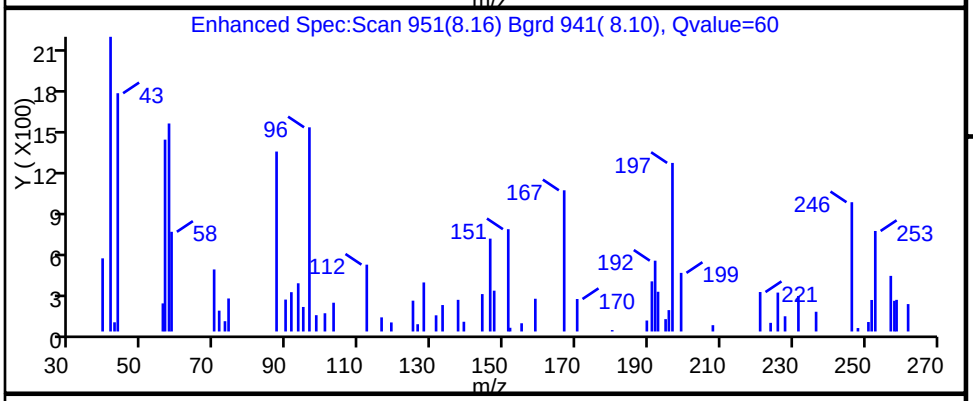
TestAmerica Burlington

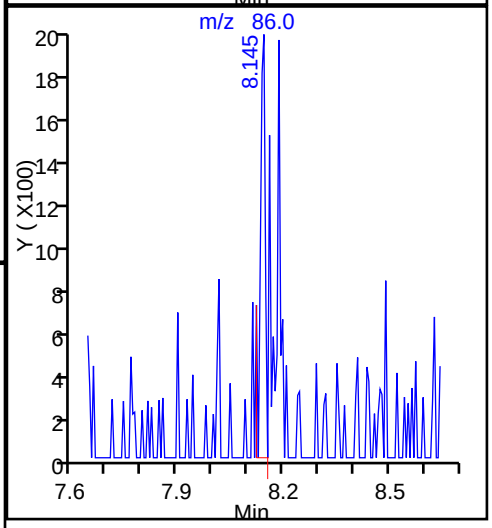
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

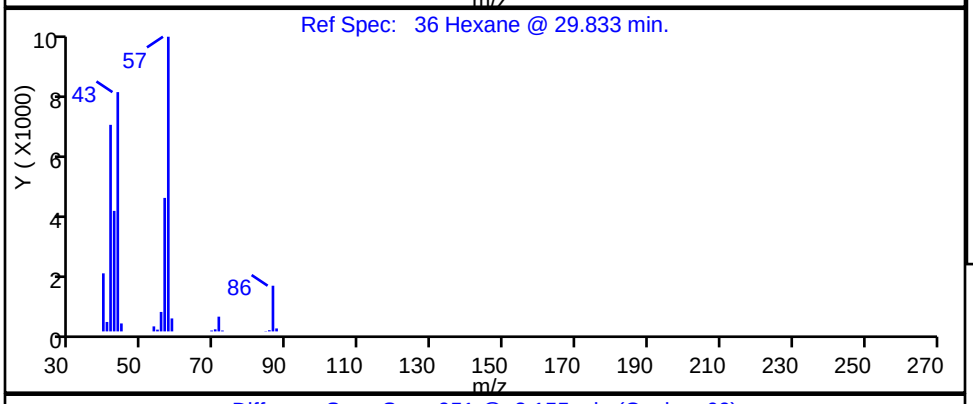
36 Hexane, CAS: 110-54-3

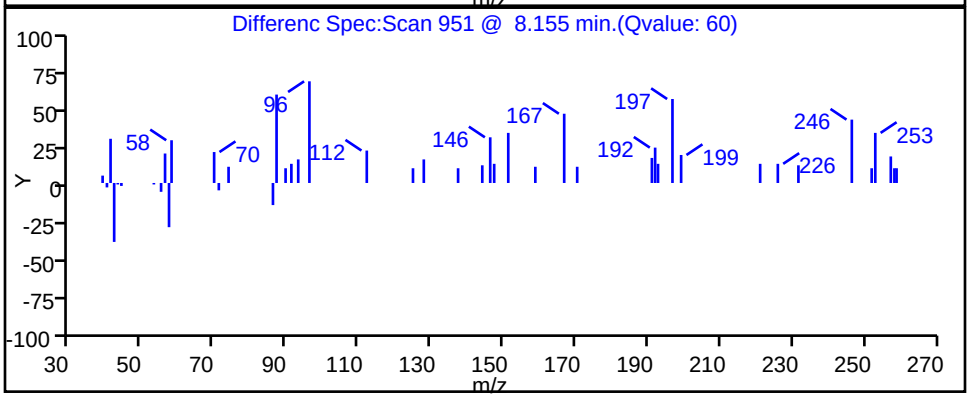








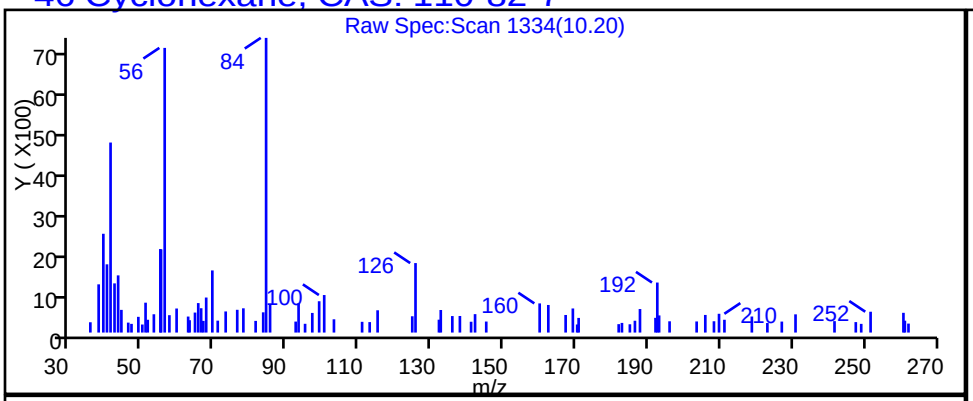


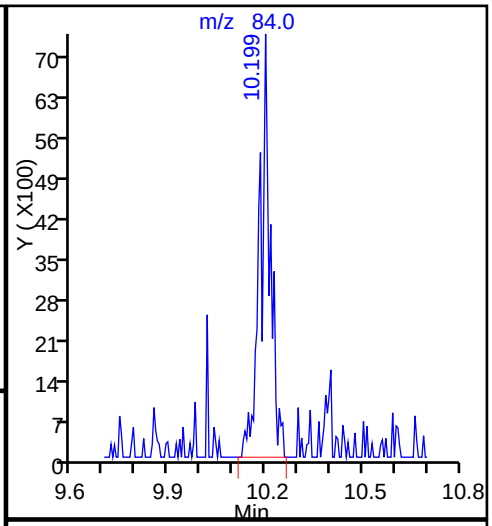


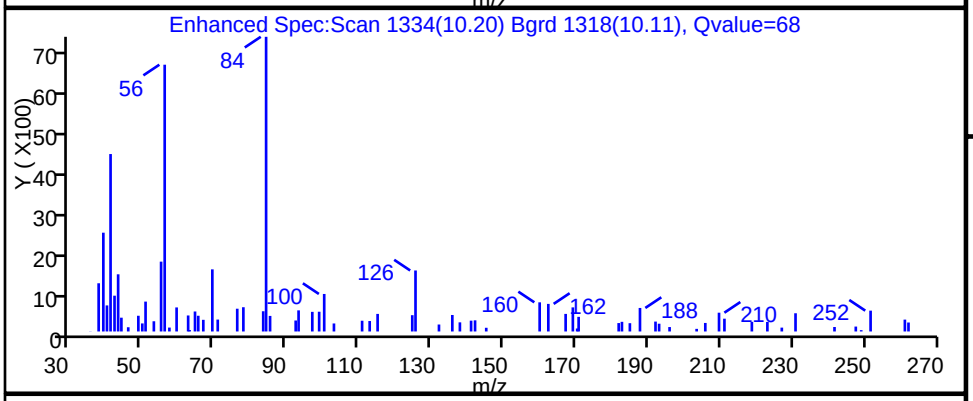
TestAmerica Burlington

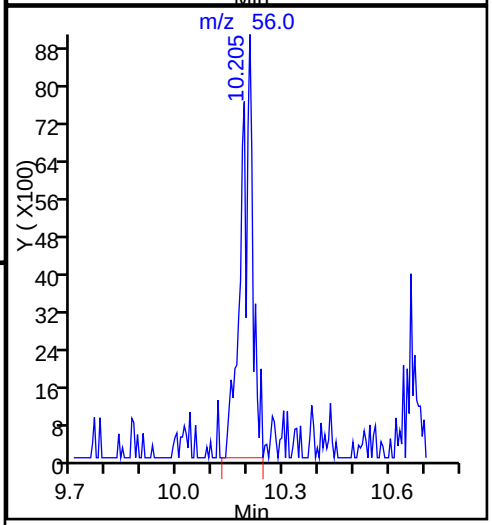
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

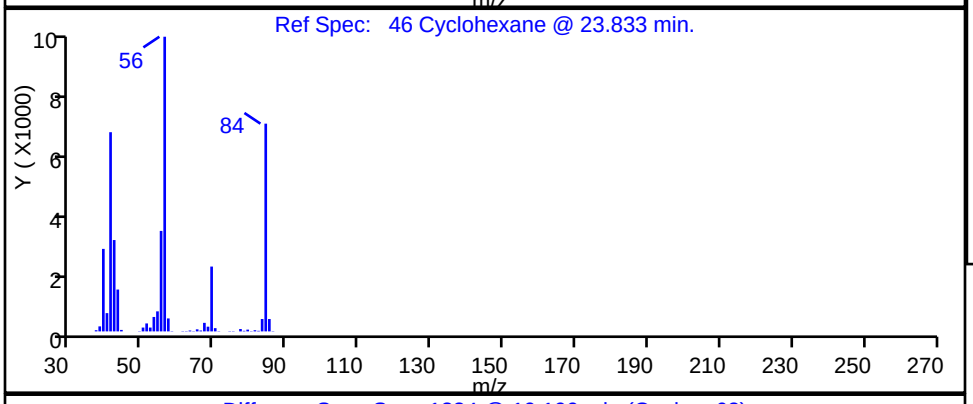
46 Cyclohexane, CAS: 110-82-7

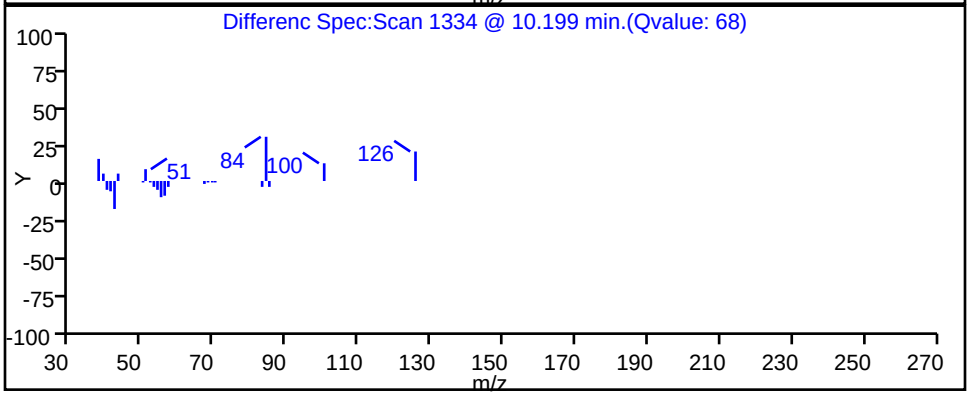








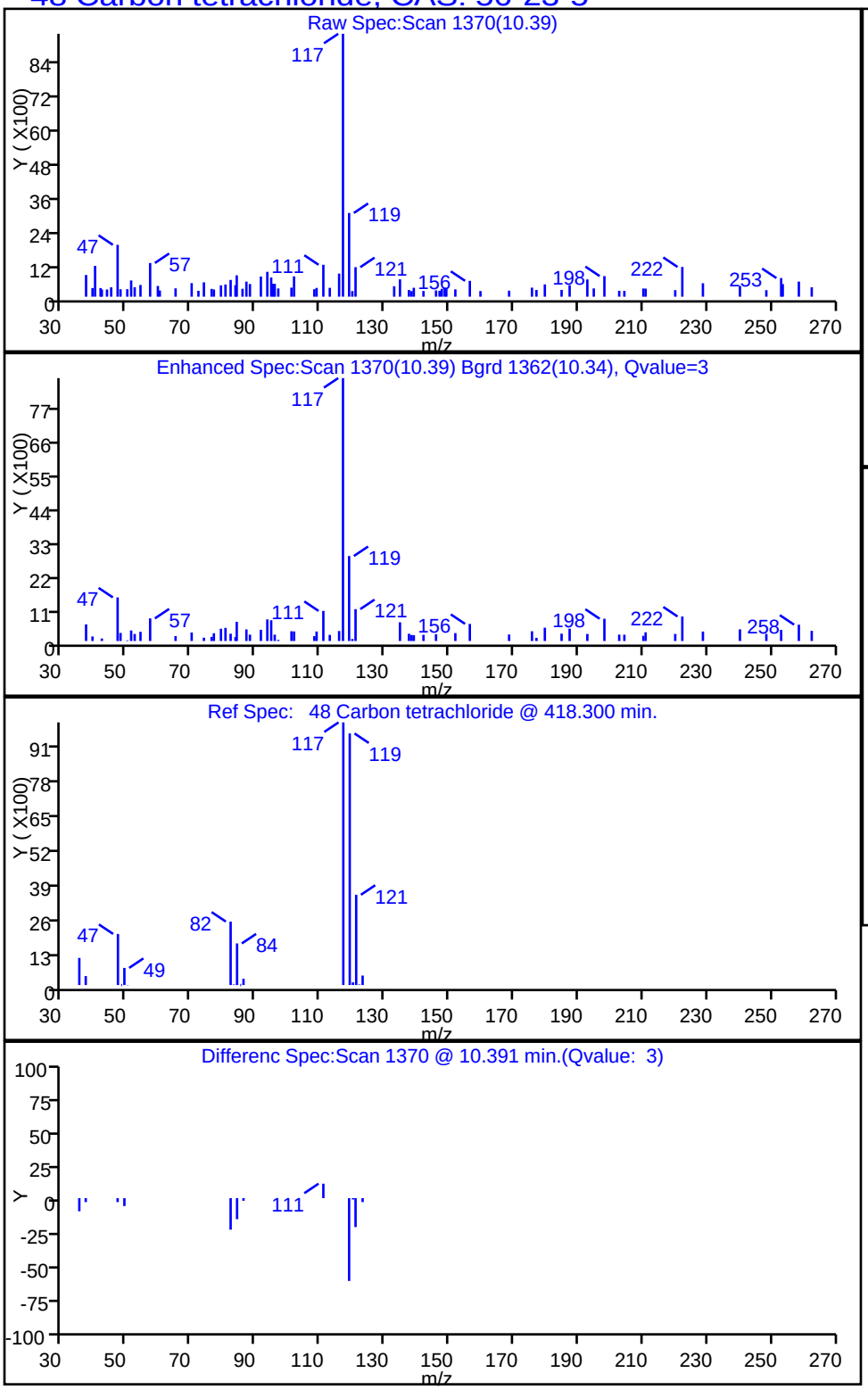


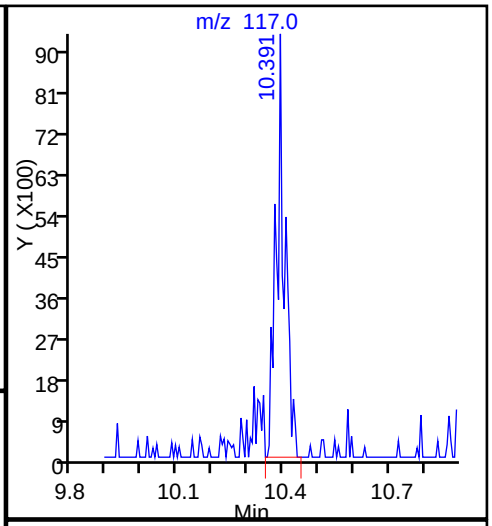


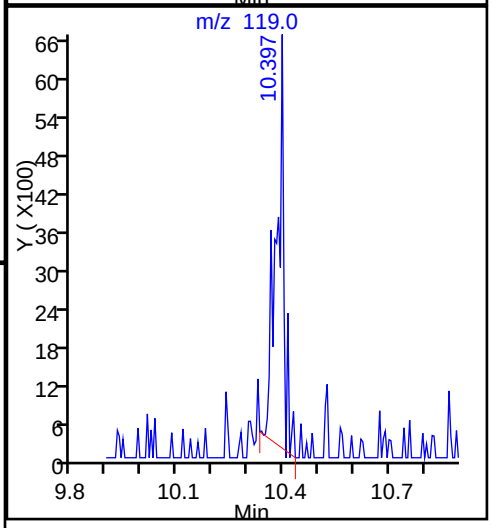
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 Carbon tetrachloride, CAS: 56-23-5





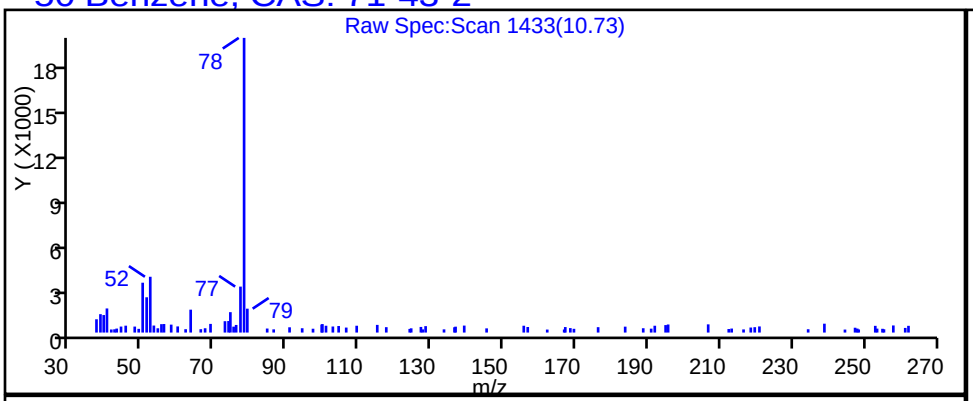


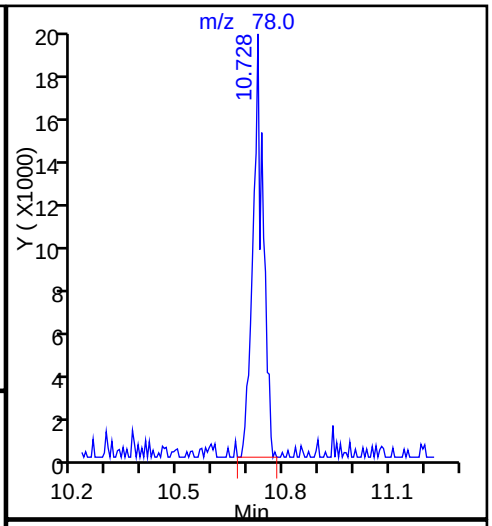
Report Date: 02-Feb-2015 08:44:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

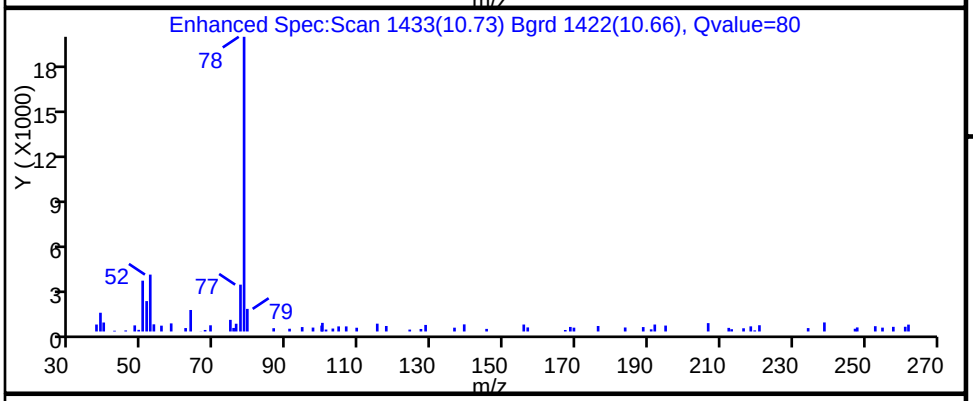
TestAmerica Burlington

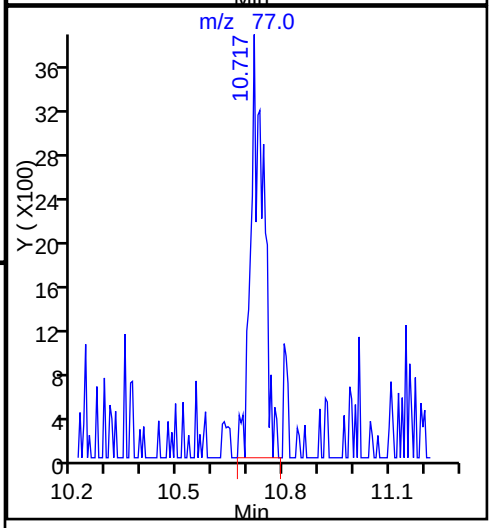
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

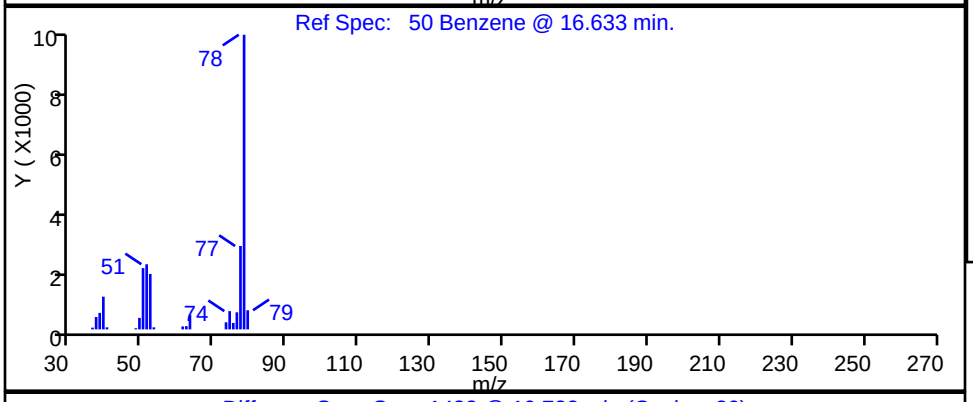
50 Benzene, CAS: 71-43-2

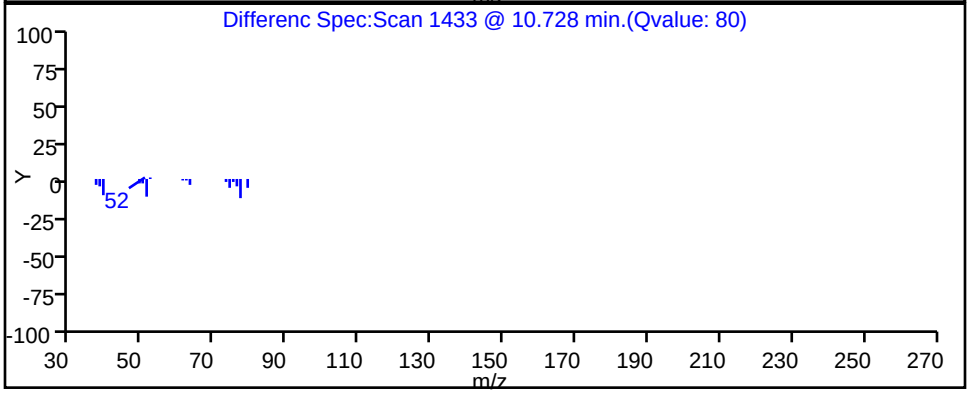










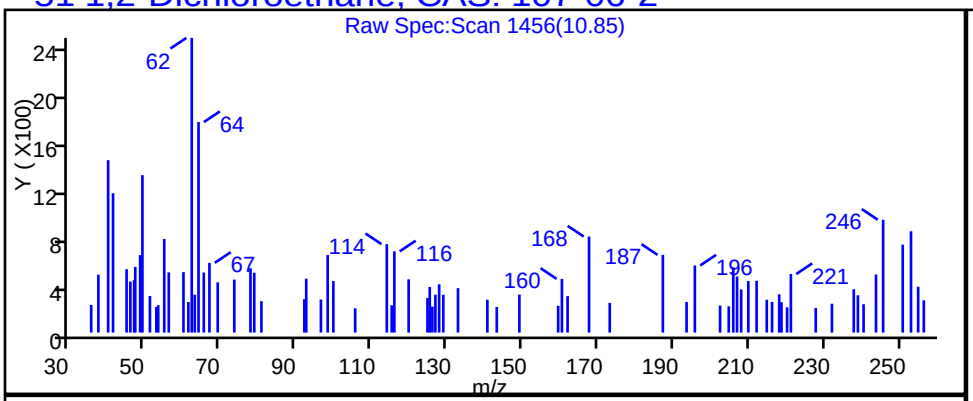


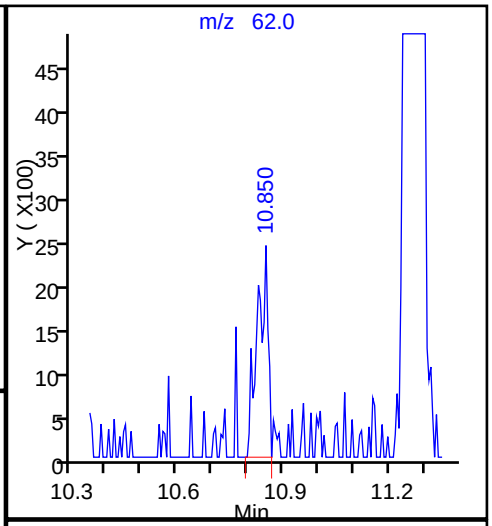
Report Date: 02-Feb-2015 08:44:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

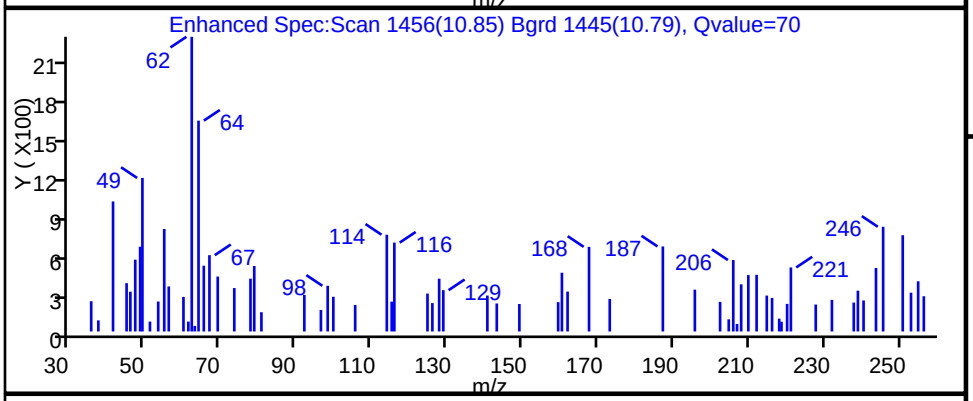
TestAmerica Burlington

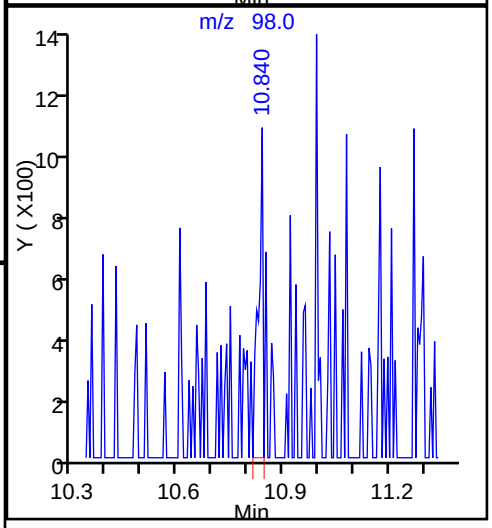
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

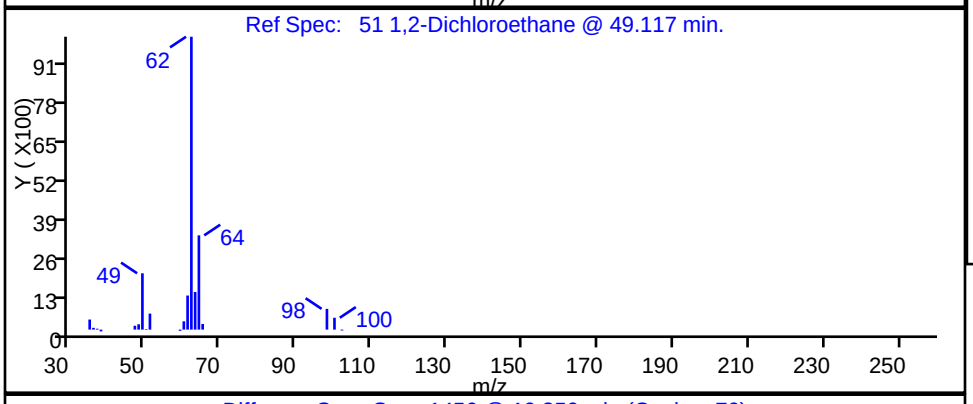
51 1,2-Dichloroethane, CAS: 107-06-2

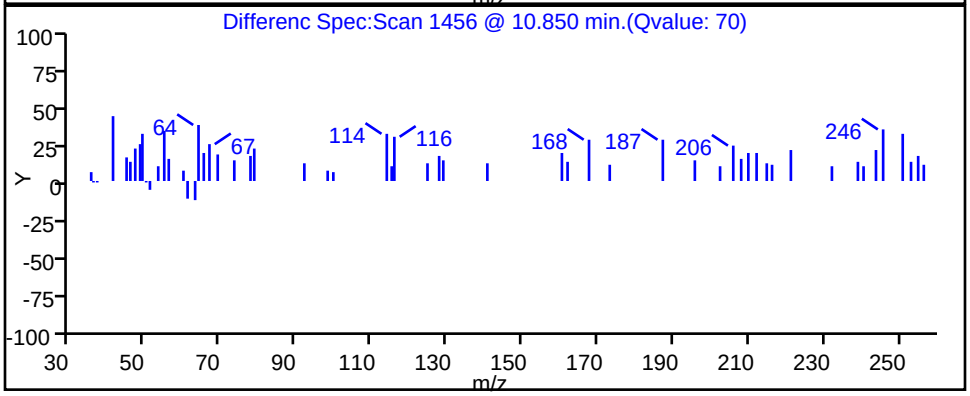








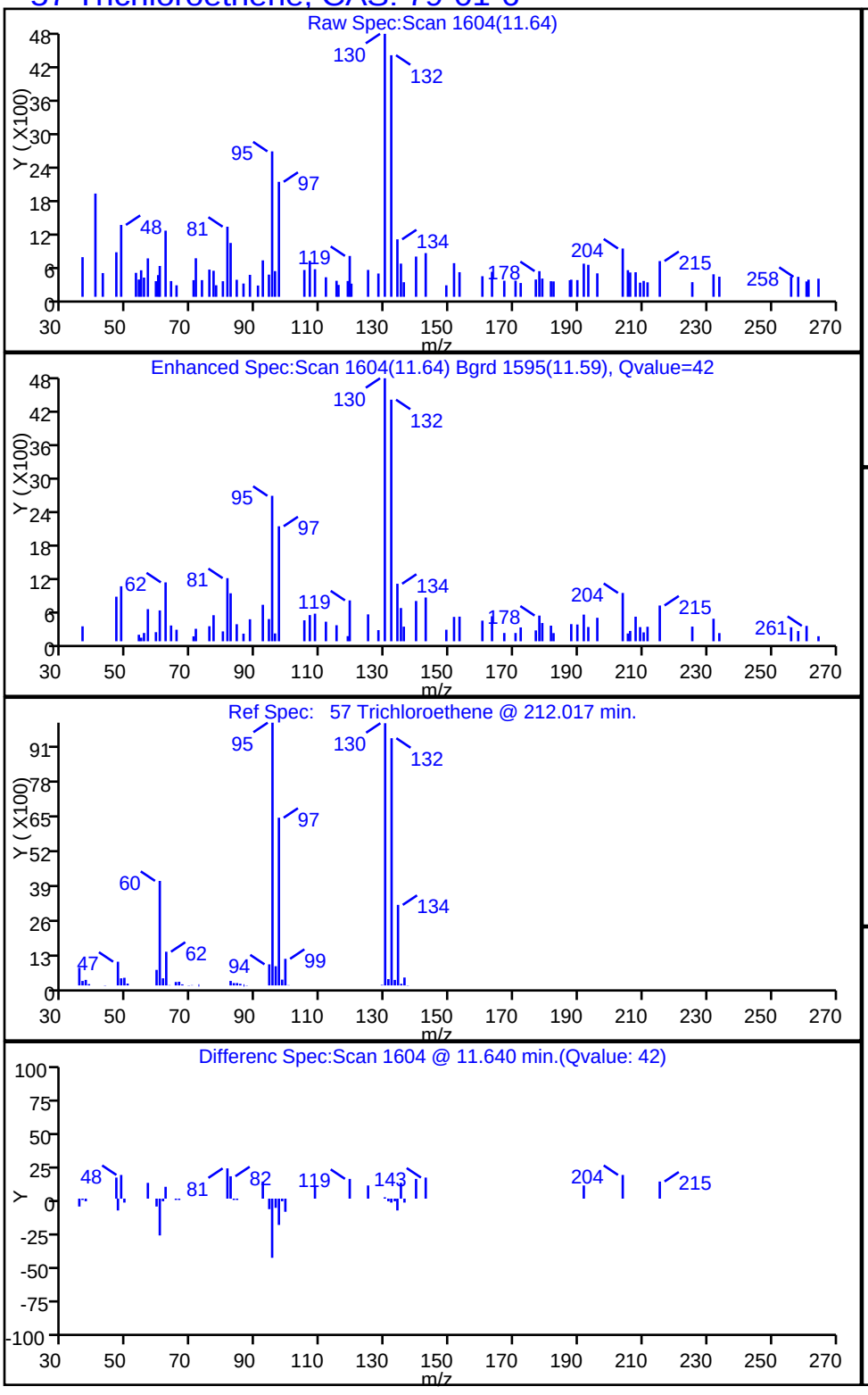


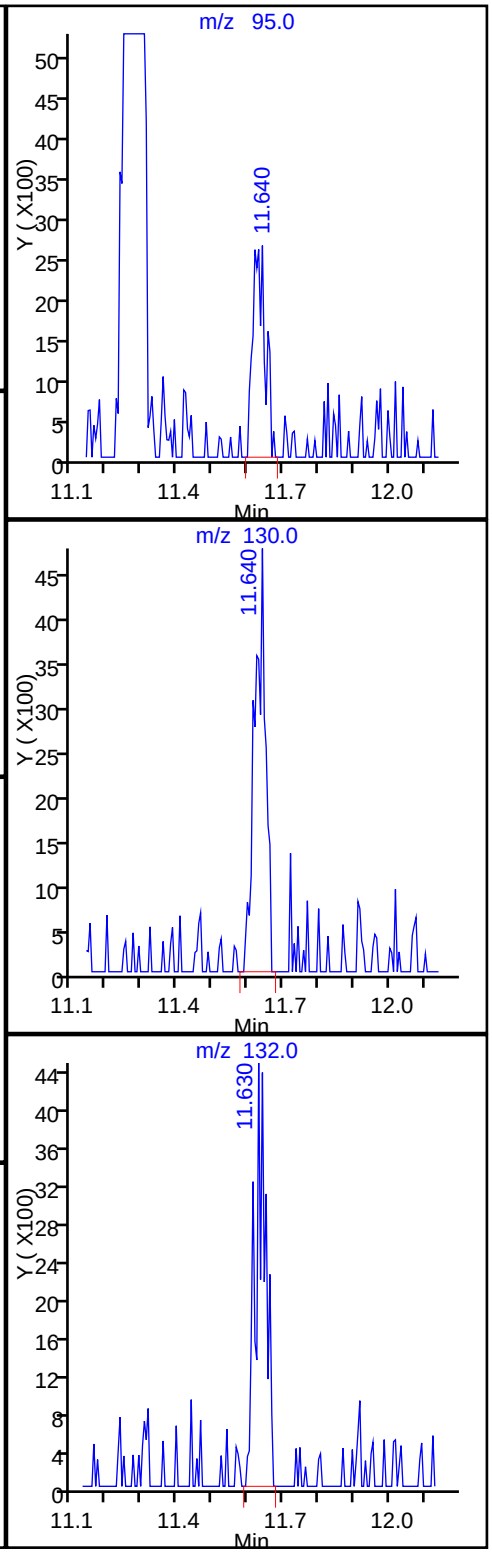


TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D		
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16
Client ID:	776VMP0201MA		
Operator ID:	pad	ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

57 Trichloroethene, CAS: 79-01-6



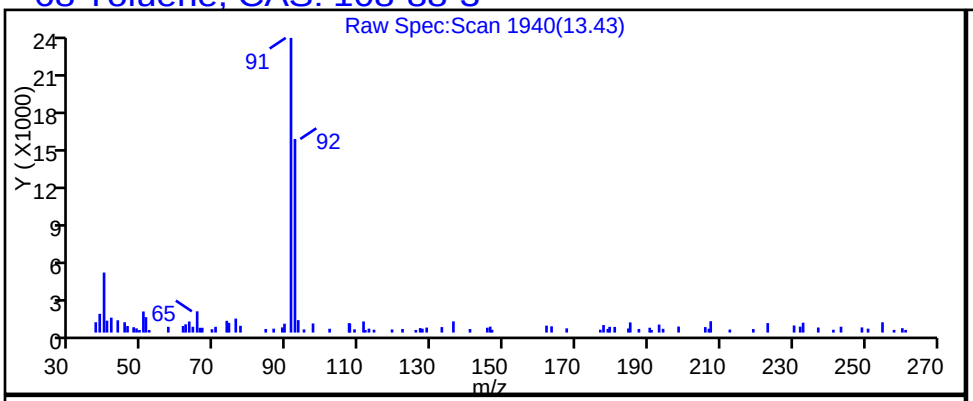


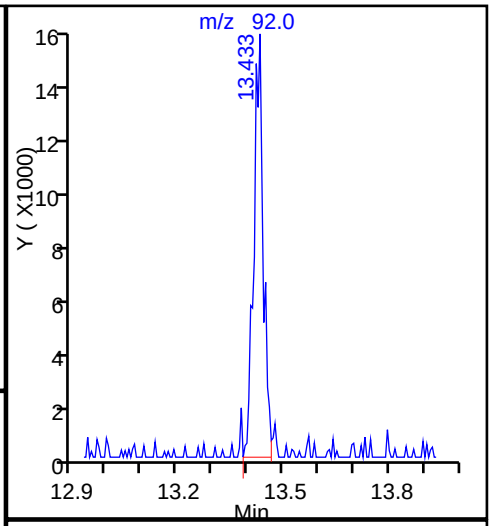
Report Date: 02-Feb-2015 08:44:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

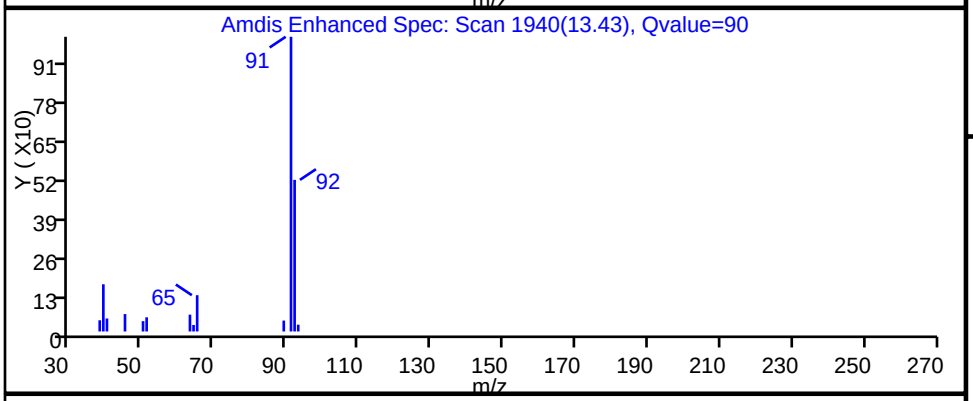
TestAmerica Burlington

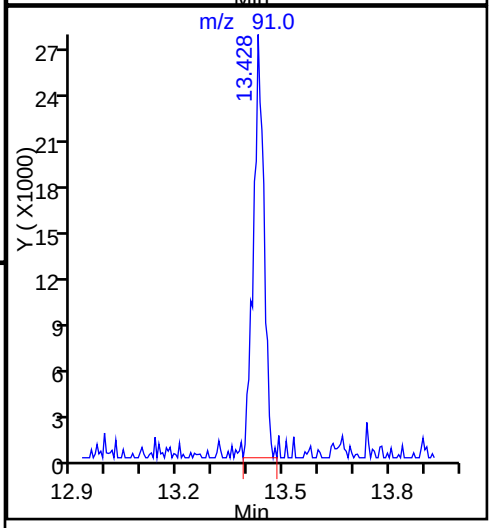
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

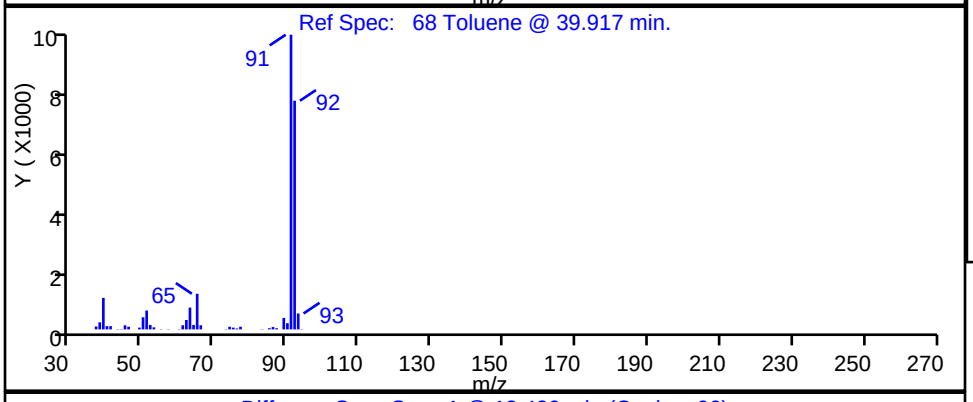
68 Toluene, CAS: 108-88-3

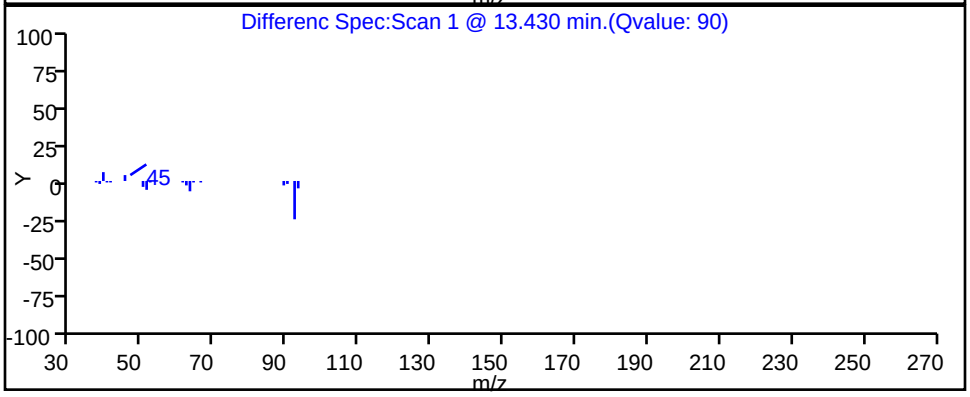








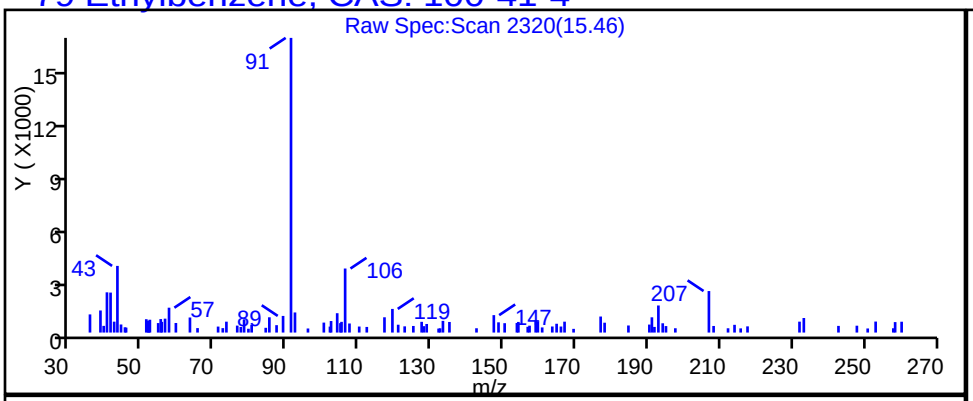


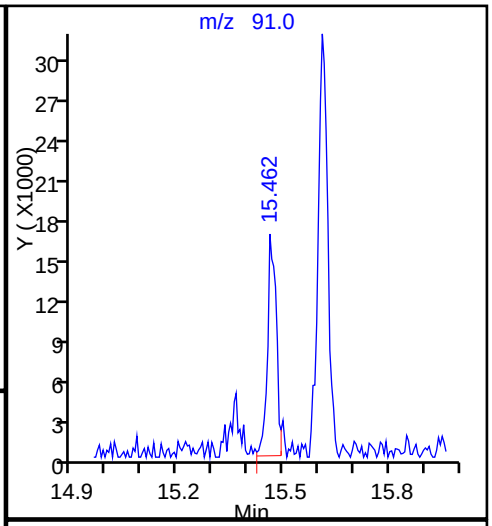


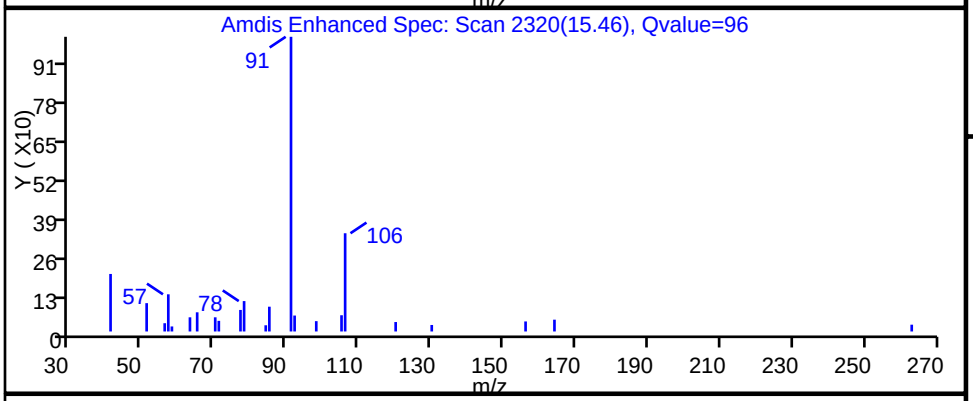
TestAmerica Burlington

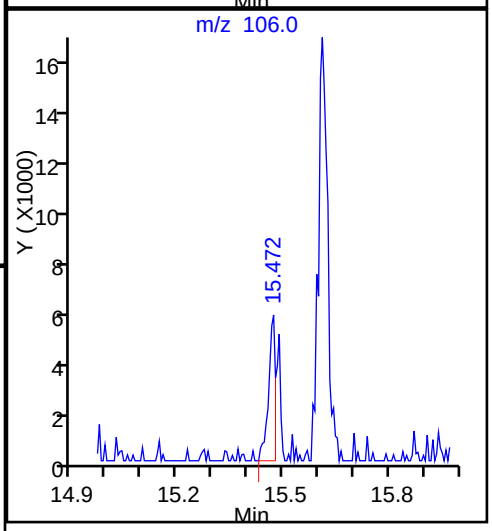
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

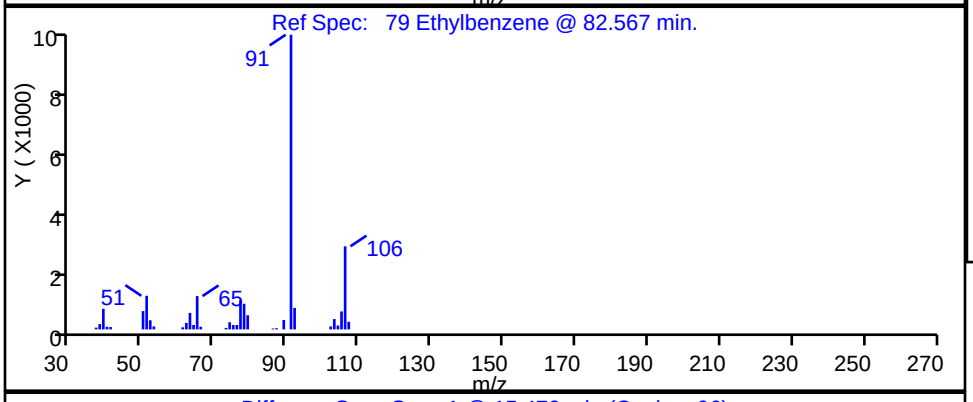
79 Ethylbenzene, CAS: 100-41-4

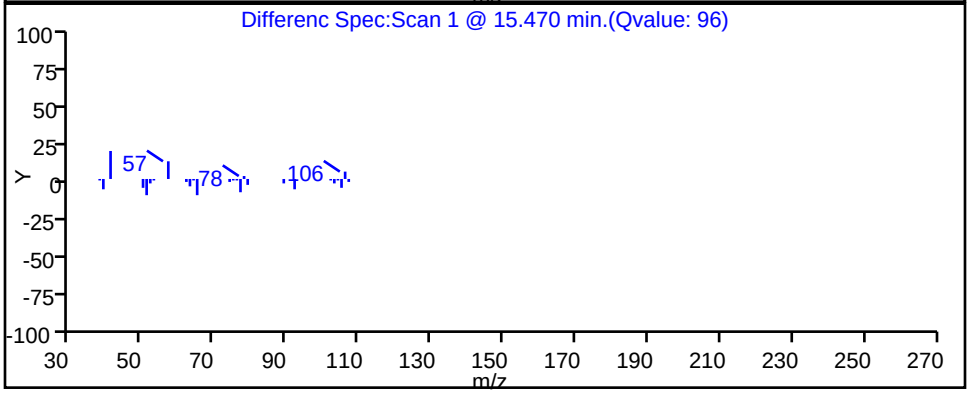










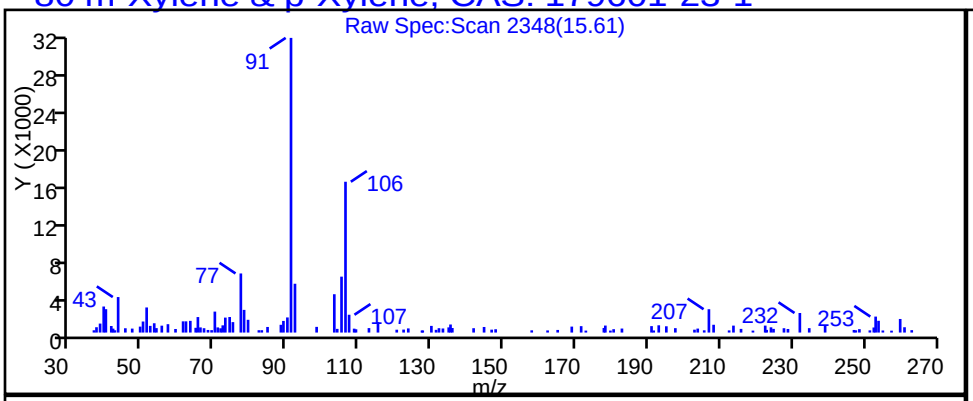


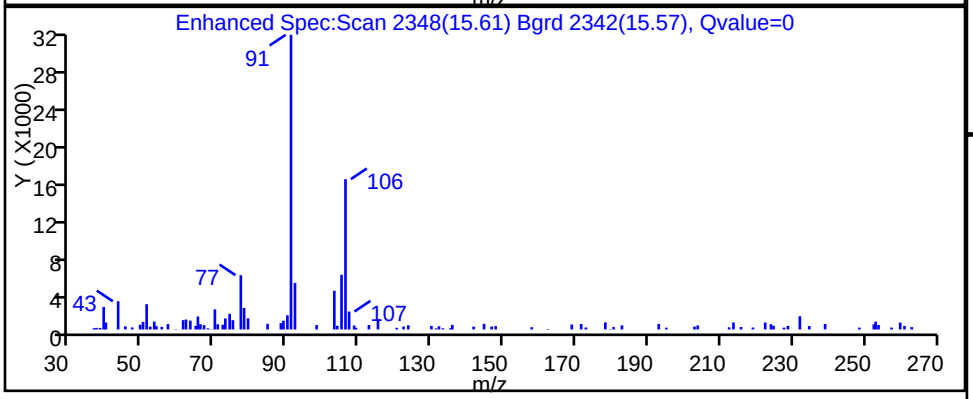
Report Date: 02-Feb-2015 08:44:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

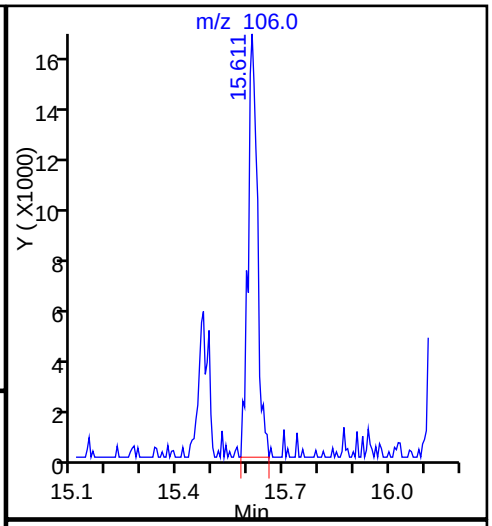
TestAmerica Burlington

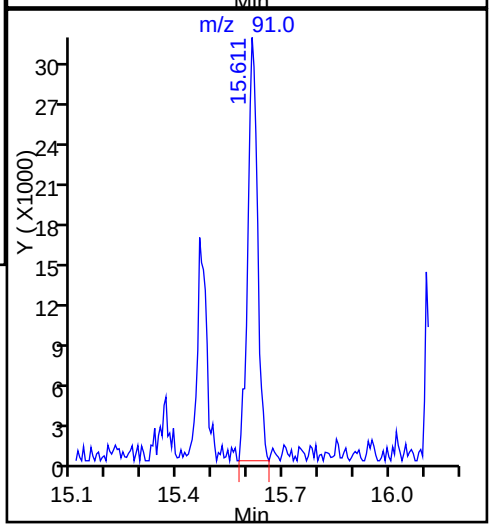
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 m-Xylene & p-Xylene, CAS: 179601-23-1



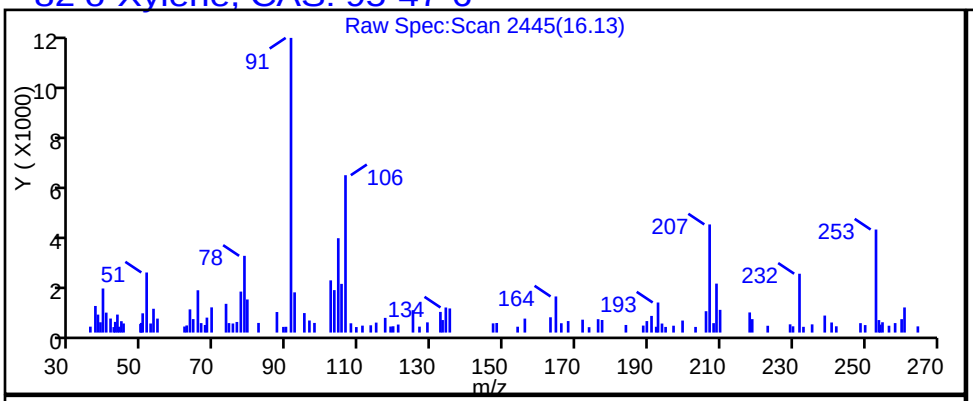


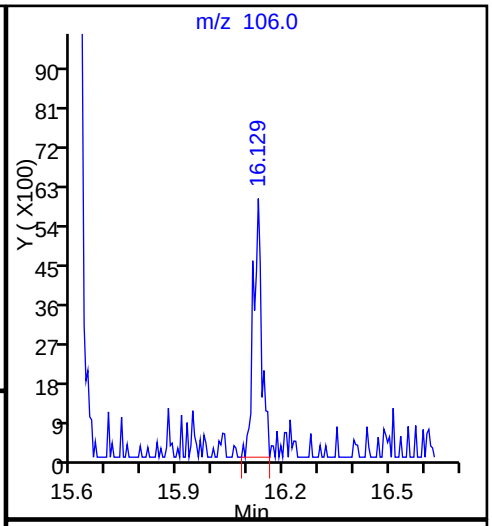


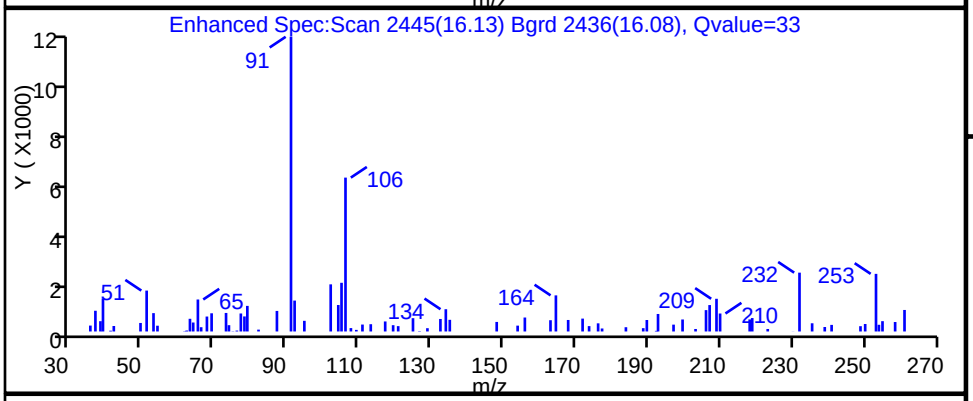


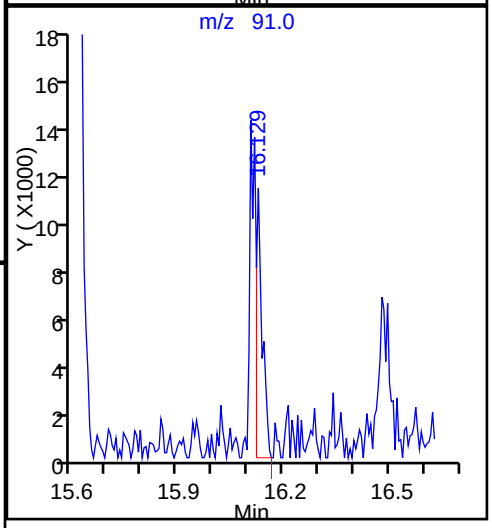
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D
Injection Date: 30-Jan-2015 01:22:30 Instrument ID: CHB.i
Lims ID: 280-64806-A-16 Lab Sample ID: 200-64806-16
Client ID: 776VMP0201MA
Operator ID: pad ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

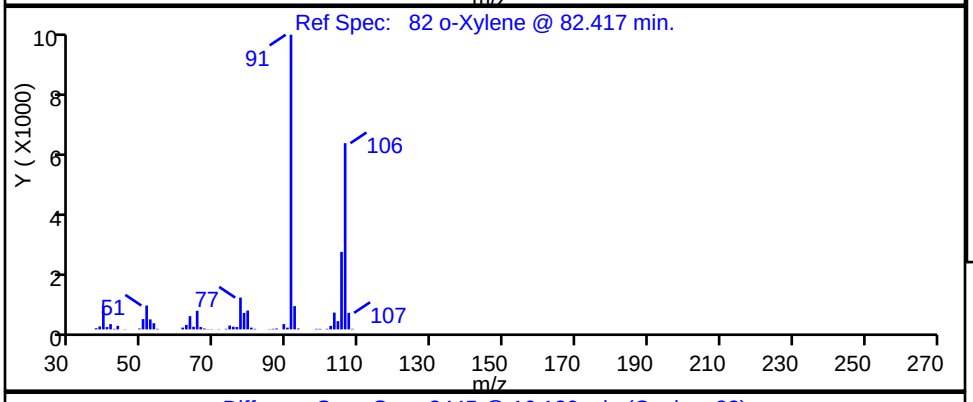
82 o-Xylene, CAS: 95-47-6

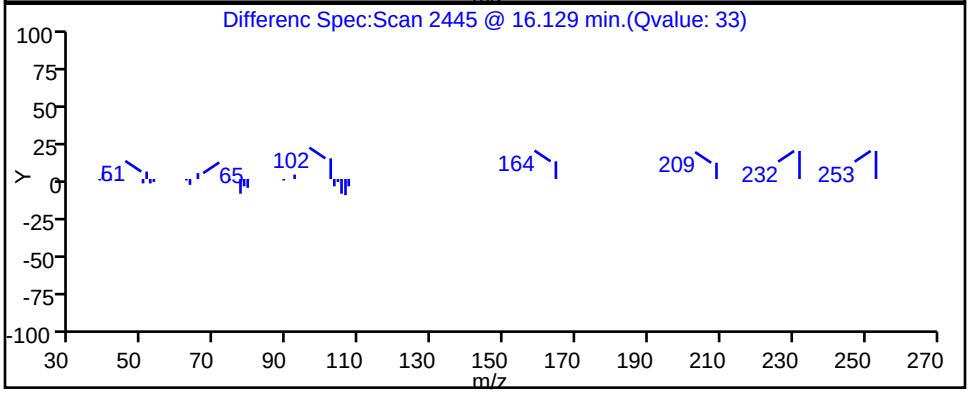








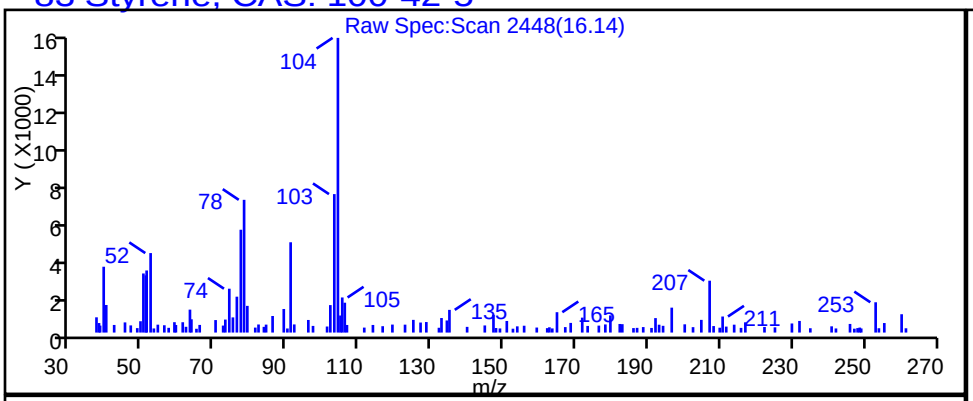


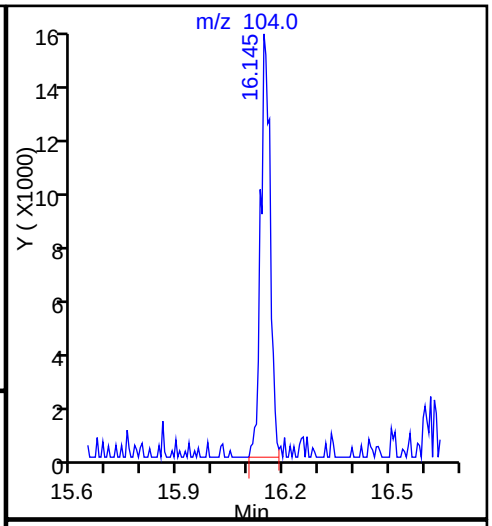


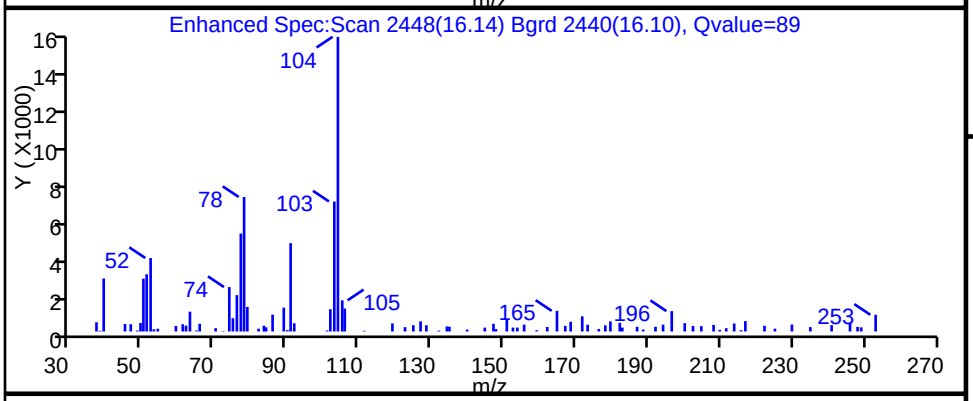
TestAmerica Burlington

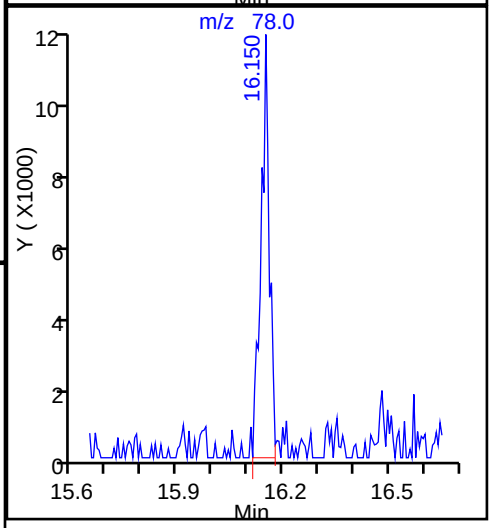
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

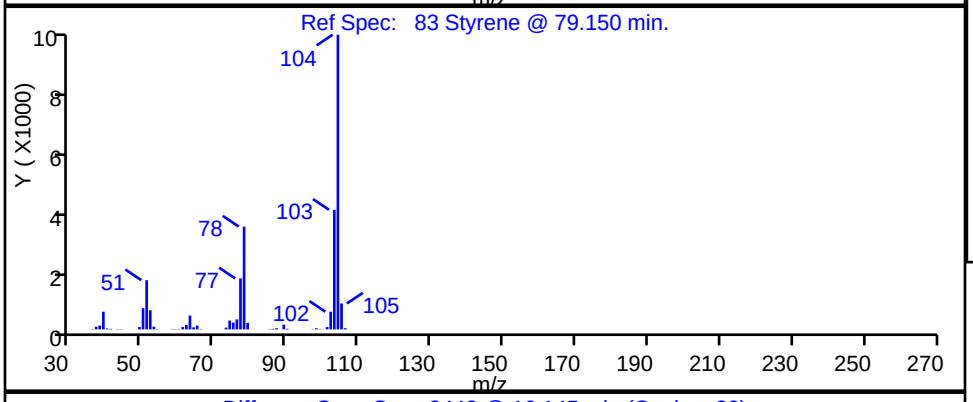
83 Styrene, CAS: 100-42-5

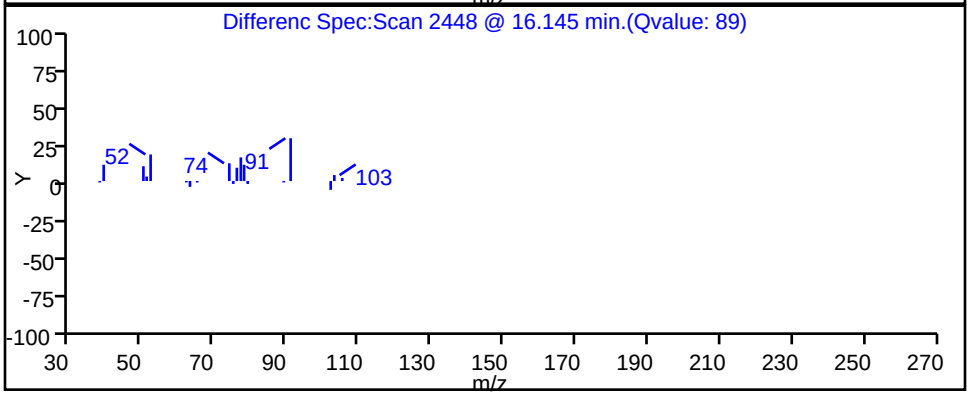








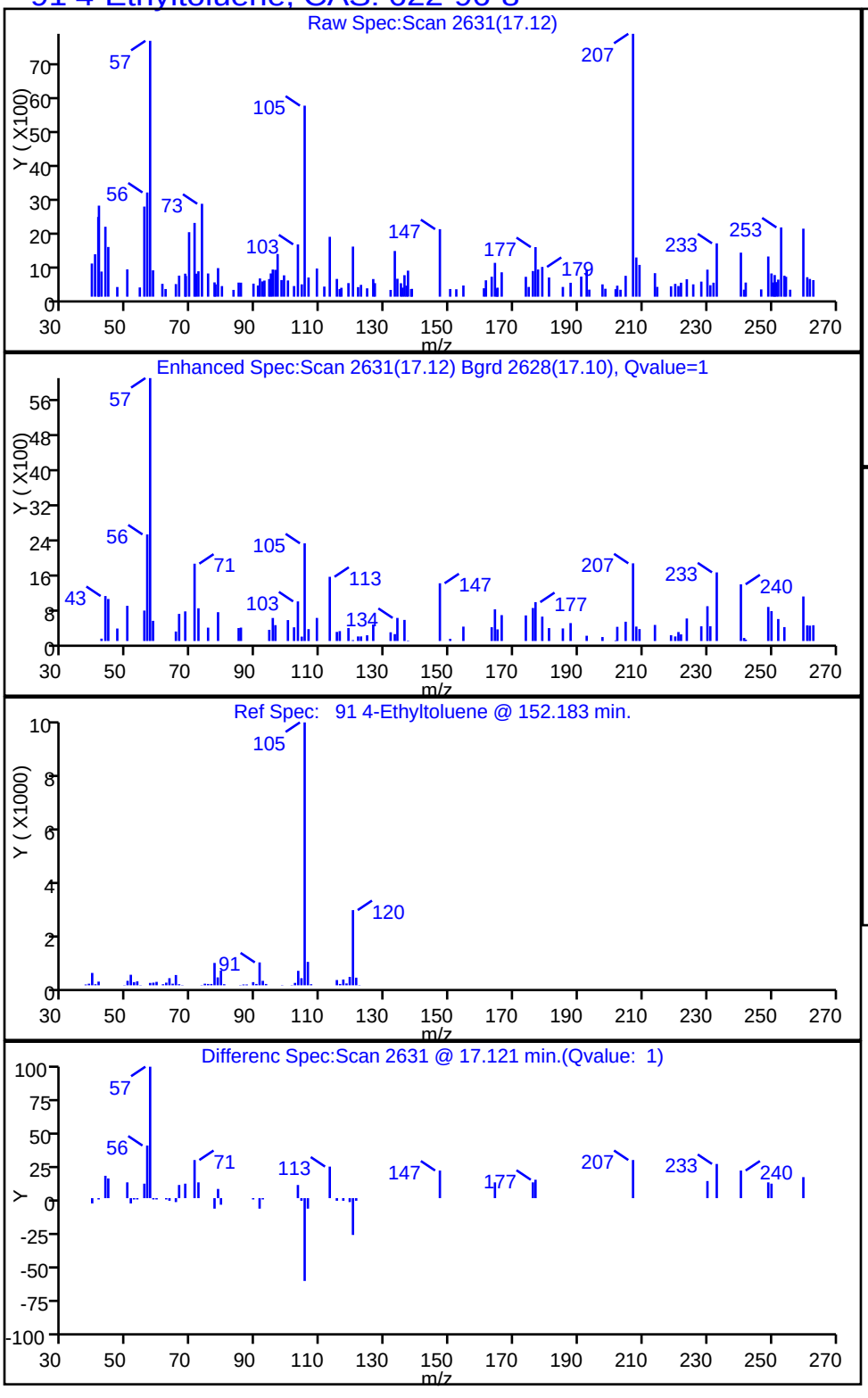


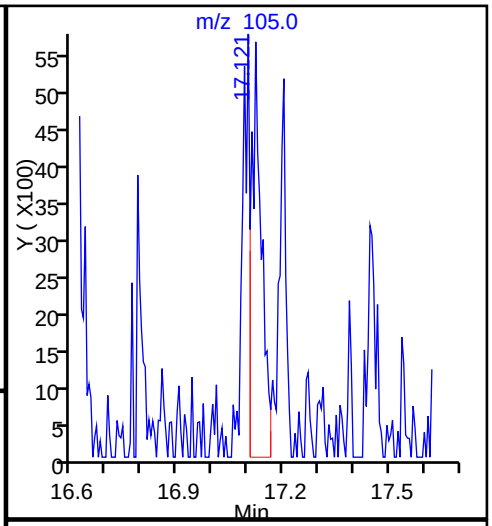


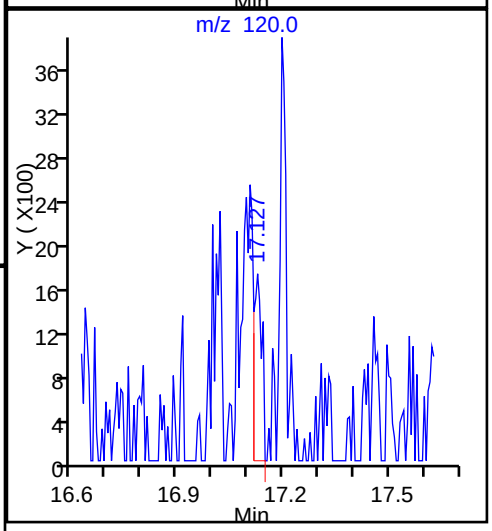
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D		
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16
Client ID:	776VMP0201MA		
Operator ID:	pad	ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



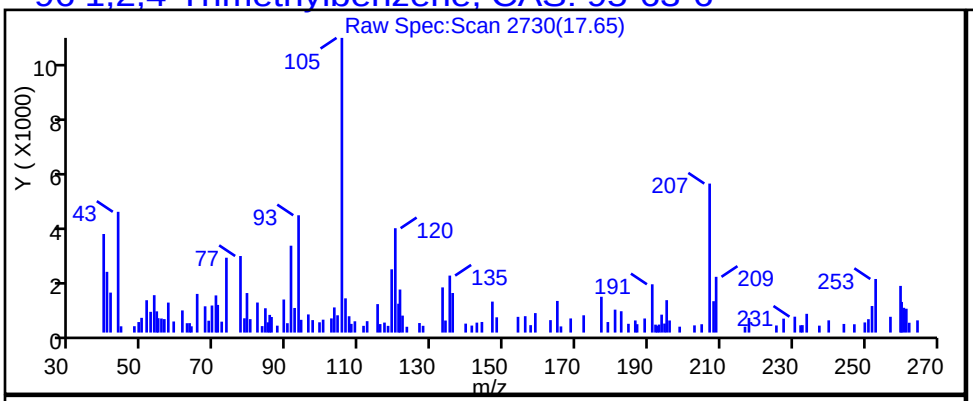


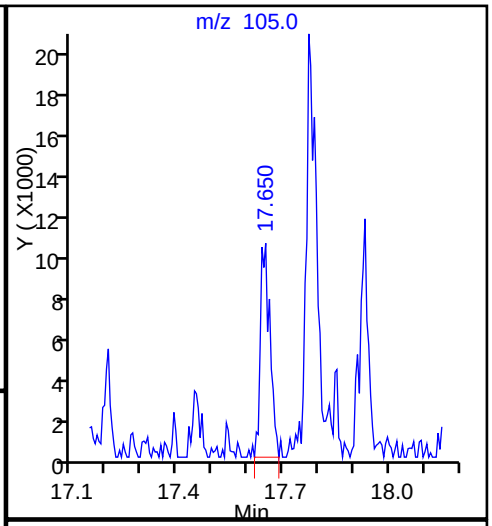


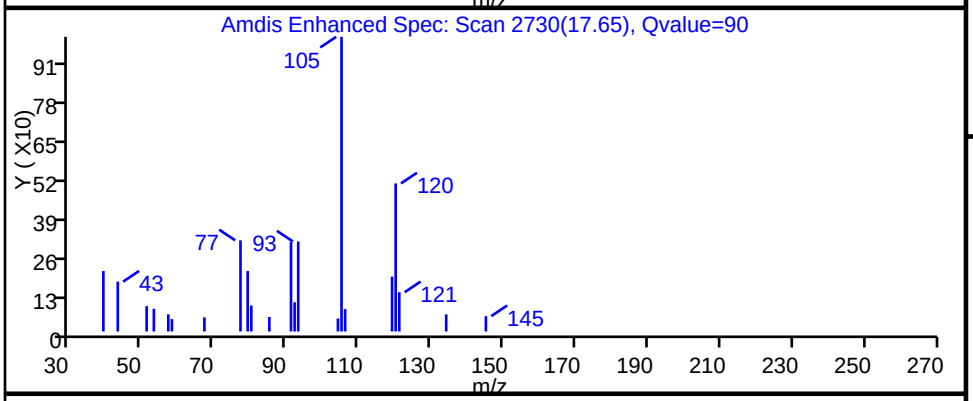
TestAmerica Burlington

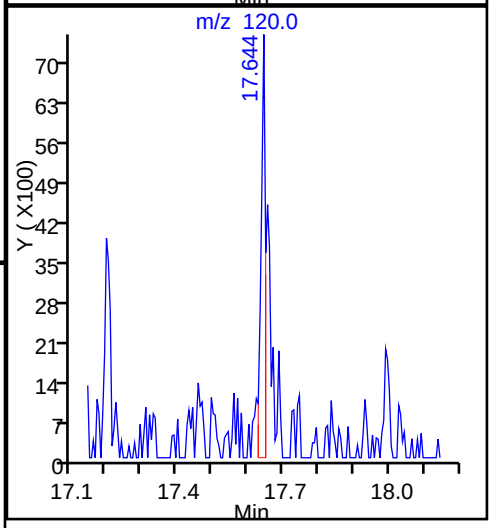
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

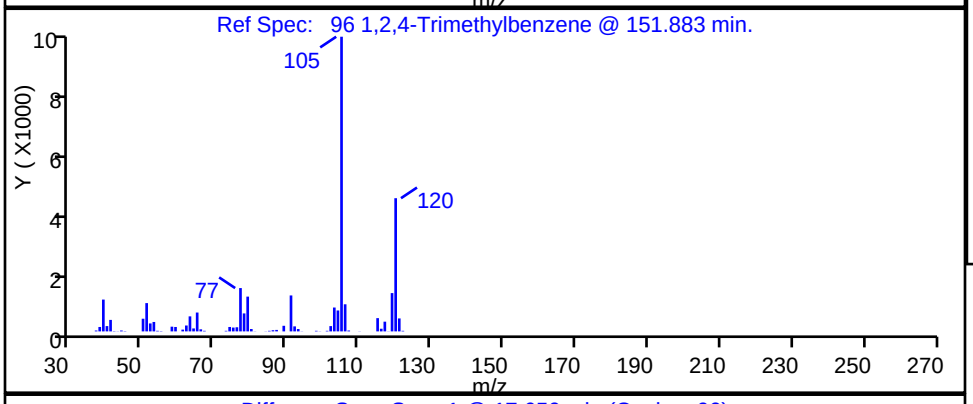
96 1,2,4-Trimethylbenzene, CAS: 95-63-6

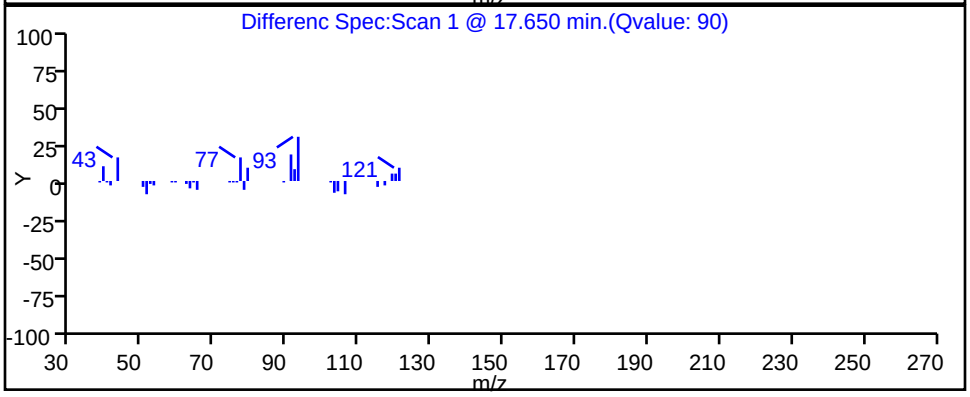












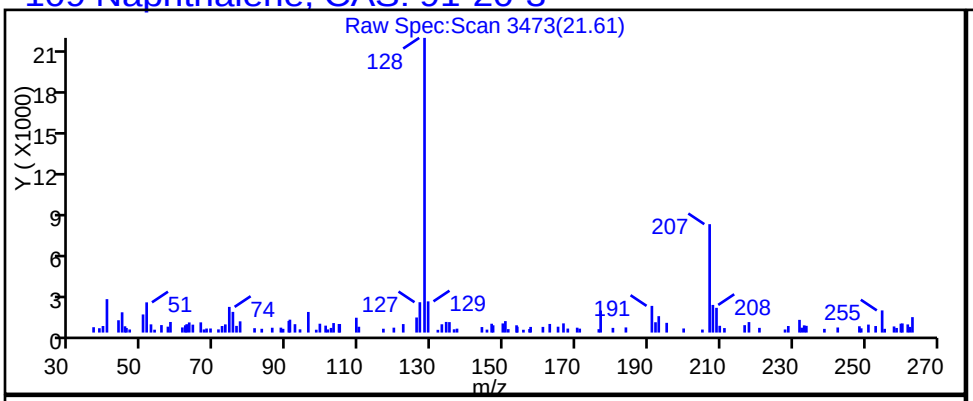
Report Date: 02-Feb-2015 08:44:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58

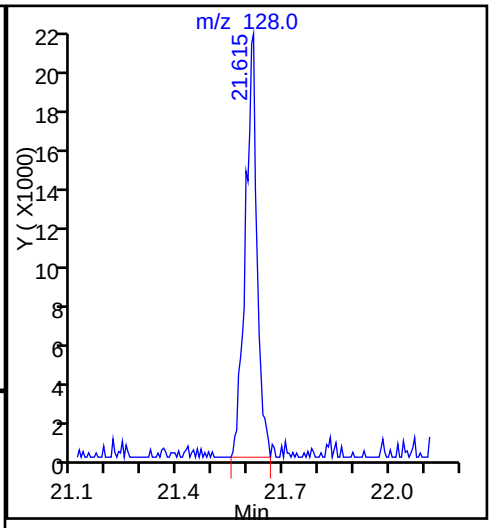
TestAmerica Burlington

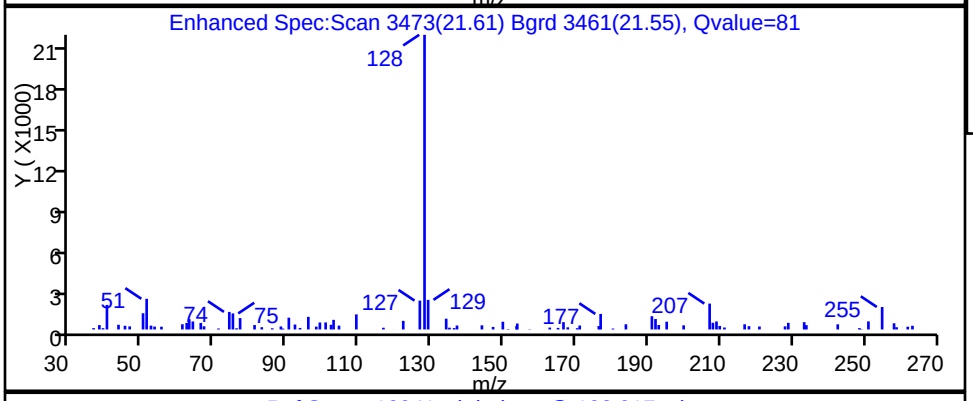
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D

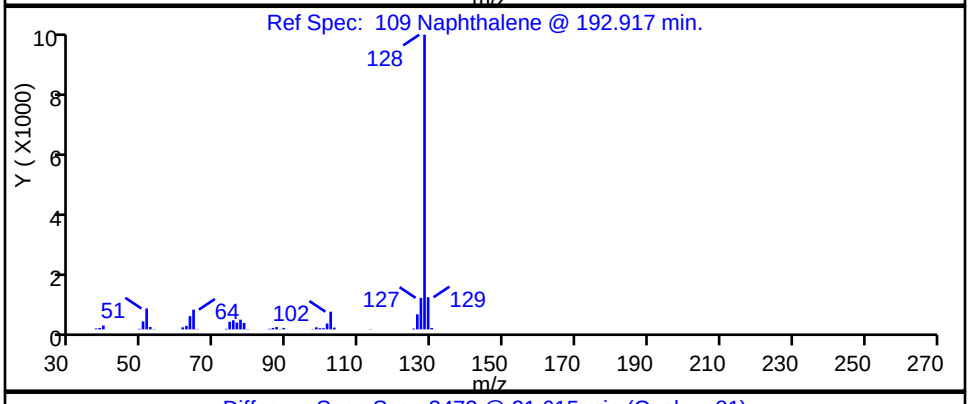
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

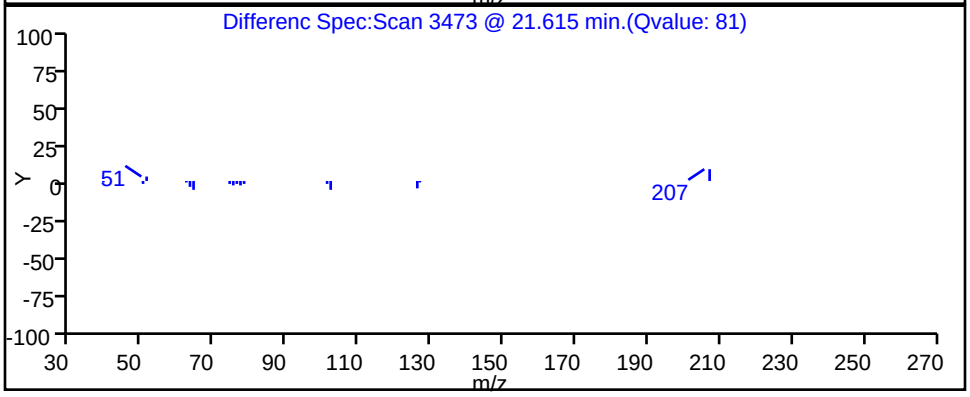
109 Naphthalene, CAS: 91-20-3











Manual Integration/User Assign Peak Report

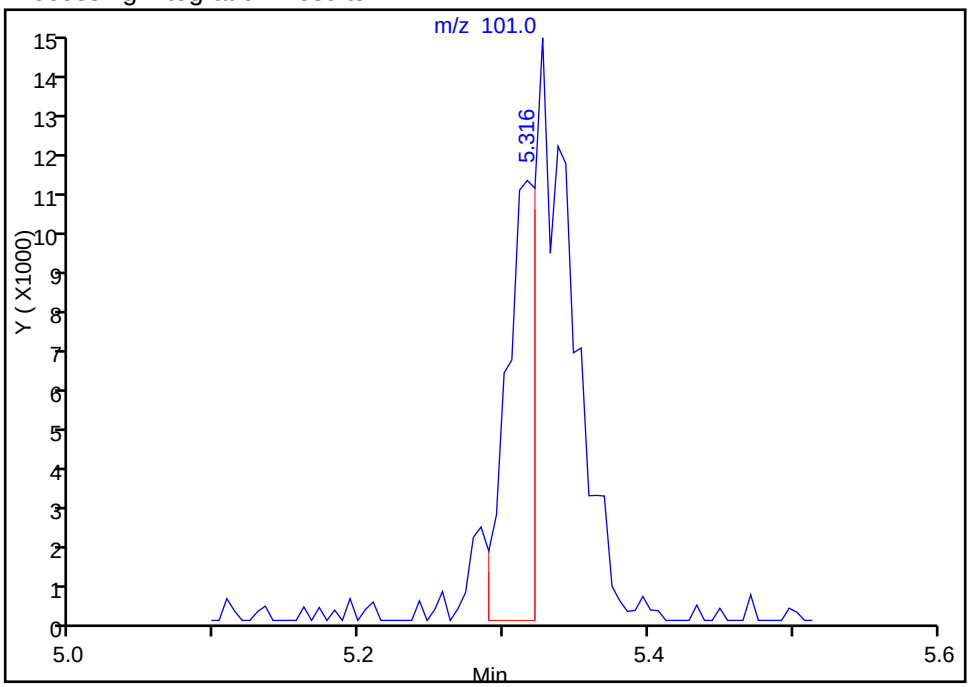
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

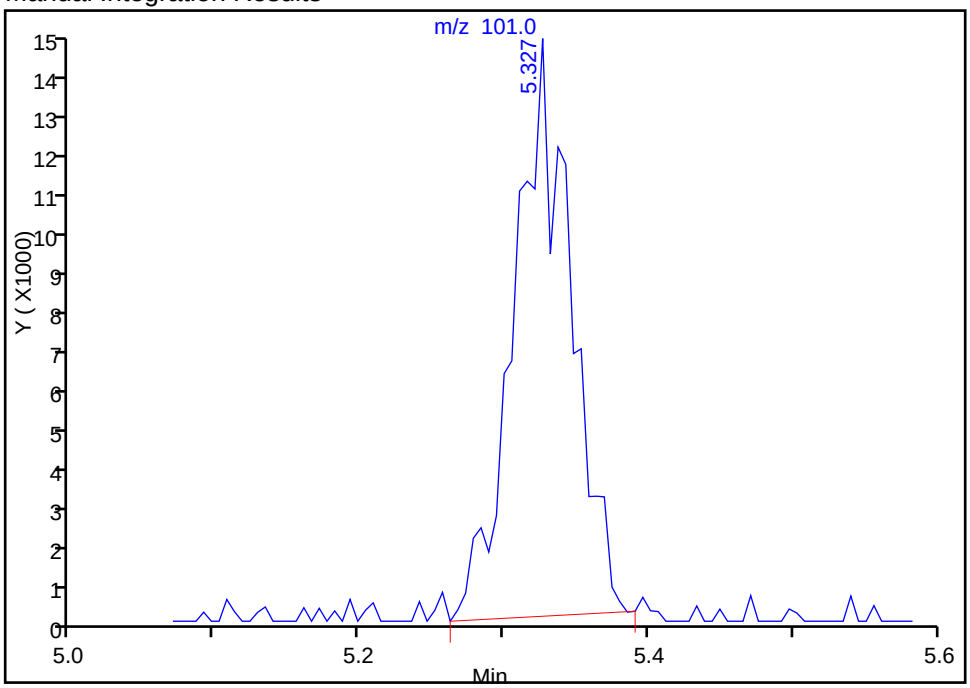
Processing Integration Results

RT: 5.32
Area: 15656
Amount: 0.088568
Amount Units: ppb v/v



Manual Integration Results

RT: 5.33
Area: 38997
Amount: 0.220611
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

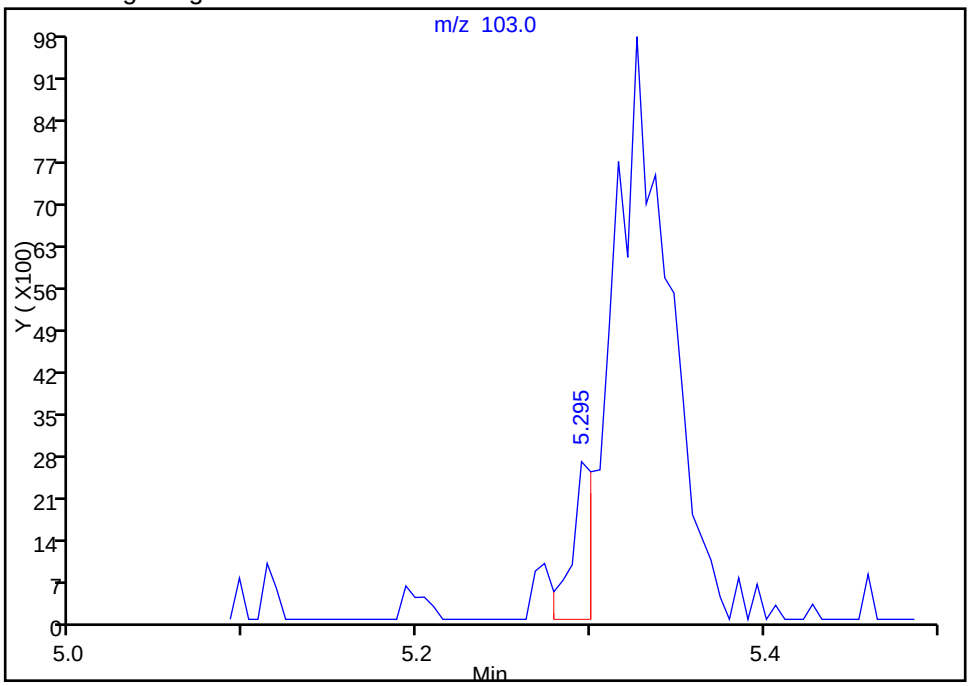
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

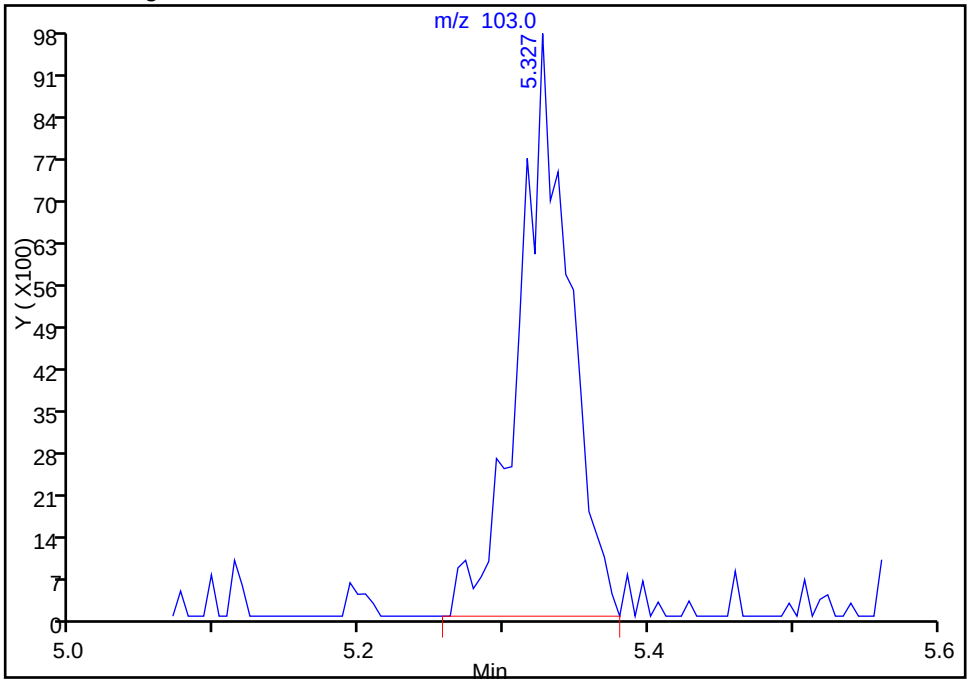
Processing Integration Results

RT: 5.29
Area: 2281
Amount: 0.088568
Amount Units: ppb v/v



Manual Integration Results

RT: 5.33
Area: 23473
Amount: 0.220611
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

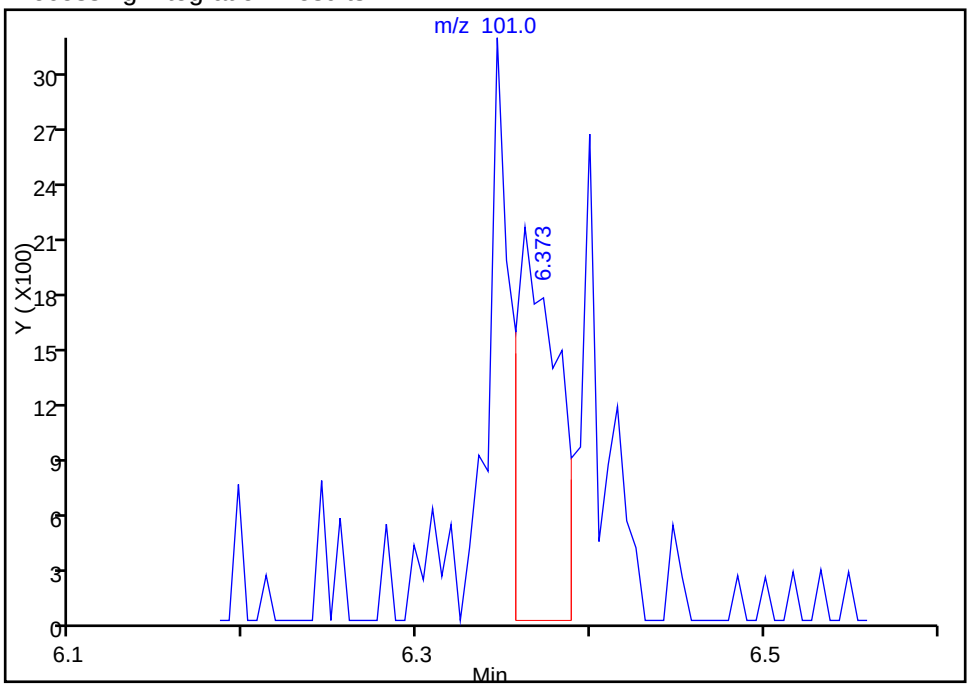
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

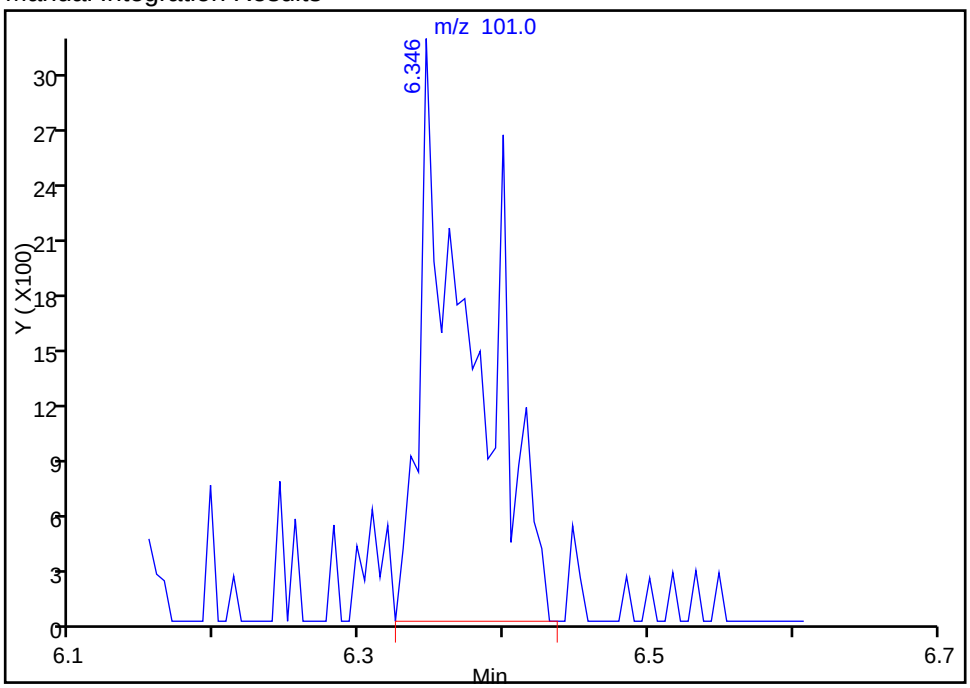
Processing Integration Results

RT: 6.37
Area: 3506
Amount: 0.030587
Amount Units: ppb v/v



Manual Integration Results

RT: 6.35
Area: 8073
Amount: 0.070431
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

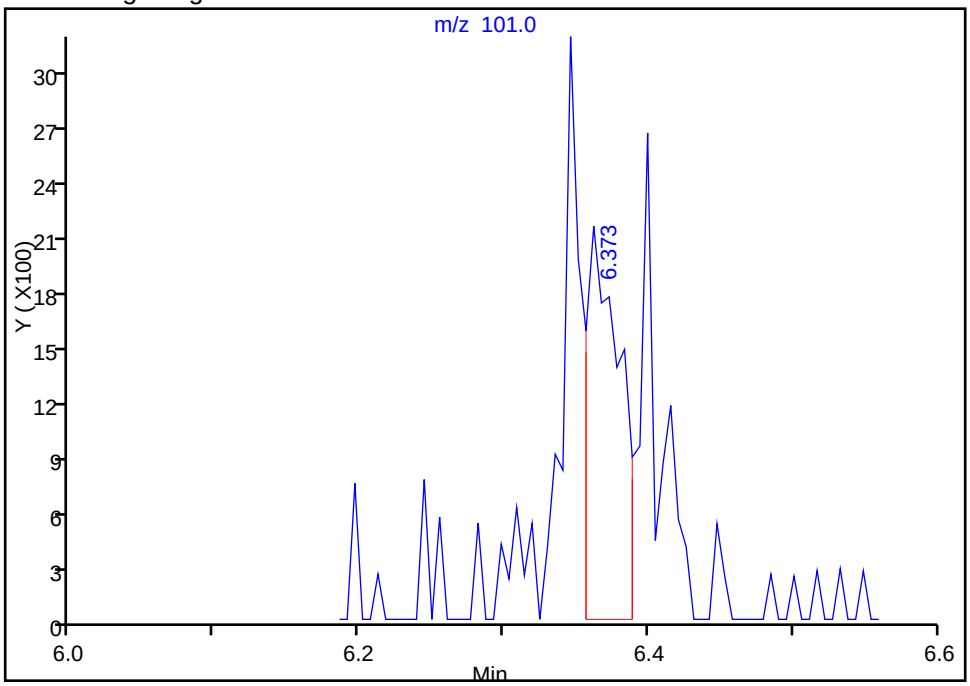
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

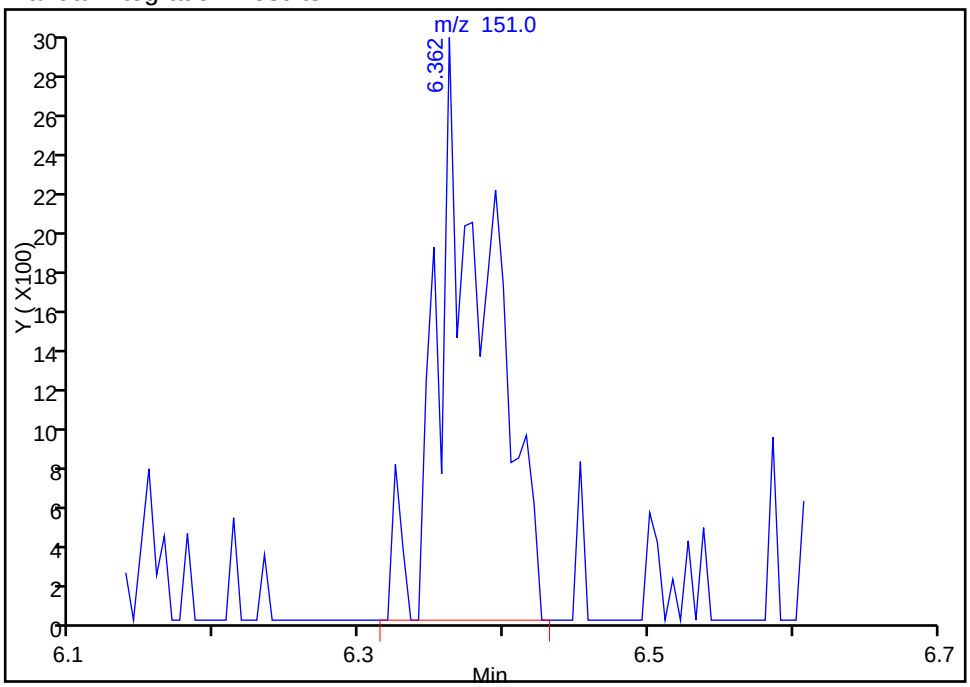
Processing Integration Results

RT: 6.37
Area: 0
Amount: 0.030587
Amount Units: ppb v/v



Manual Integration Results

RT: 6.36
Area: 7542
Amount: 0.070431
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

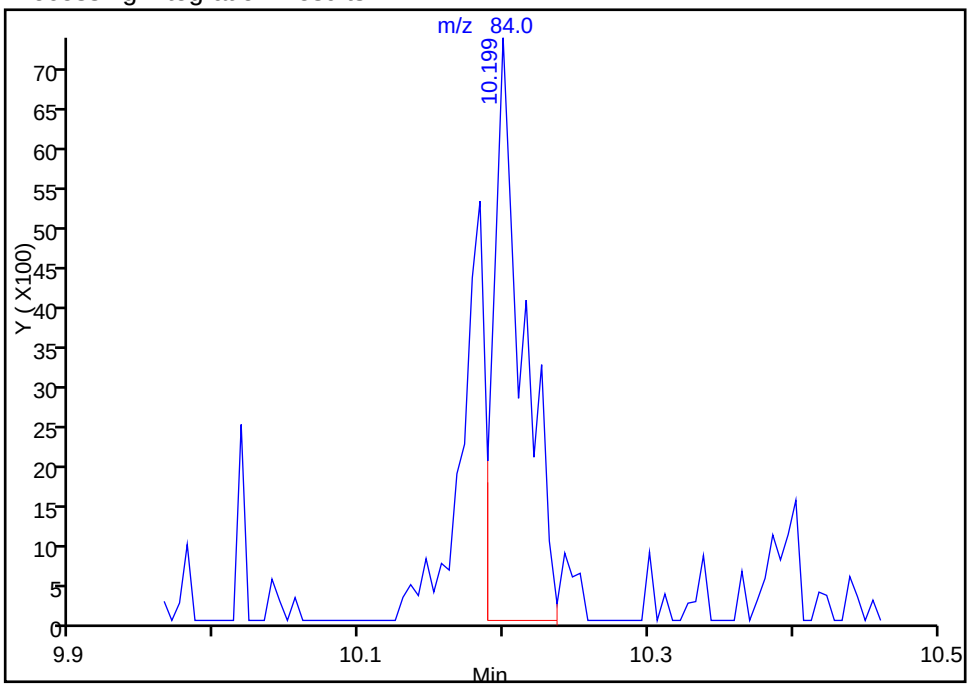
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Cyclohexane, CAS: 110-82-7

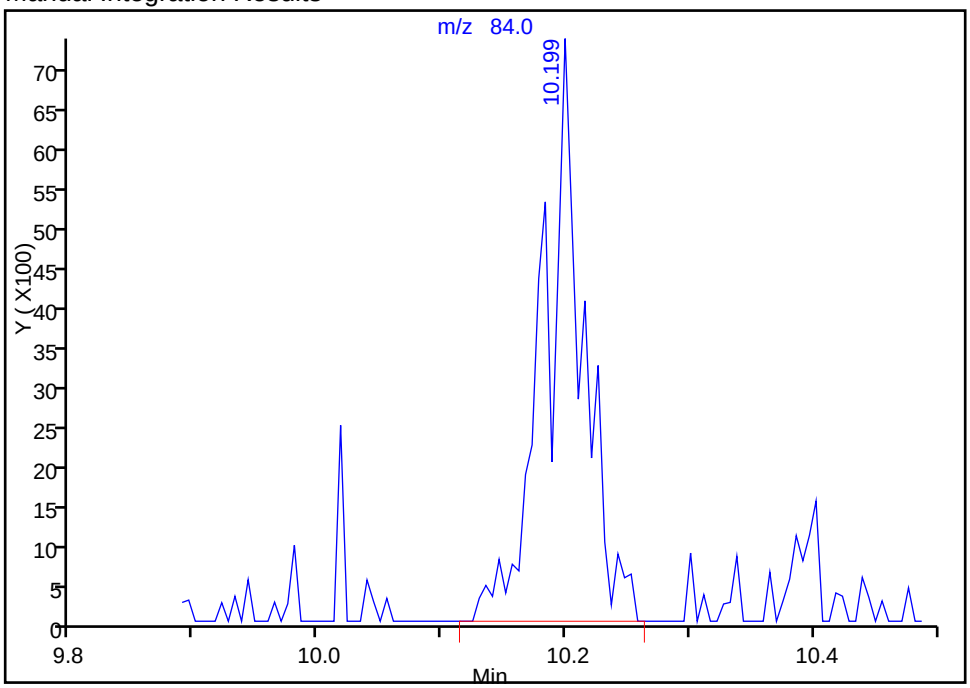
Processing Integration Results

RT: 10.20
Area: 10342
Amount: 0.130495
Amount Units: ppb v/v



Manual Integration Results

RT: 10.20
Area: 16480
Amount: 0.207944
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

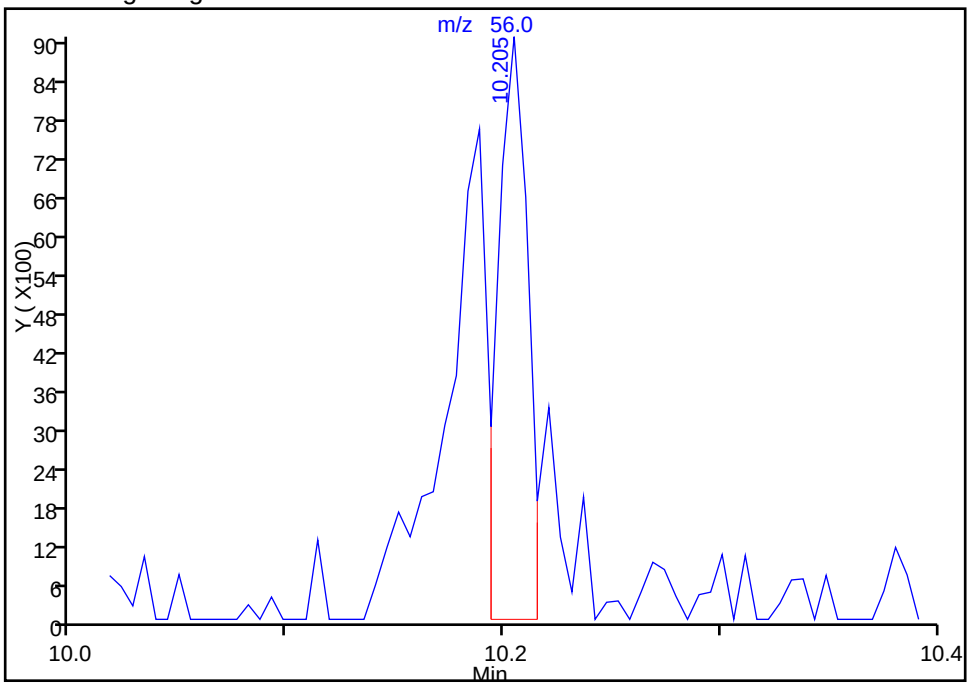
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Cyclohexane, CAS: 110-82-7

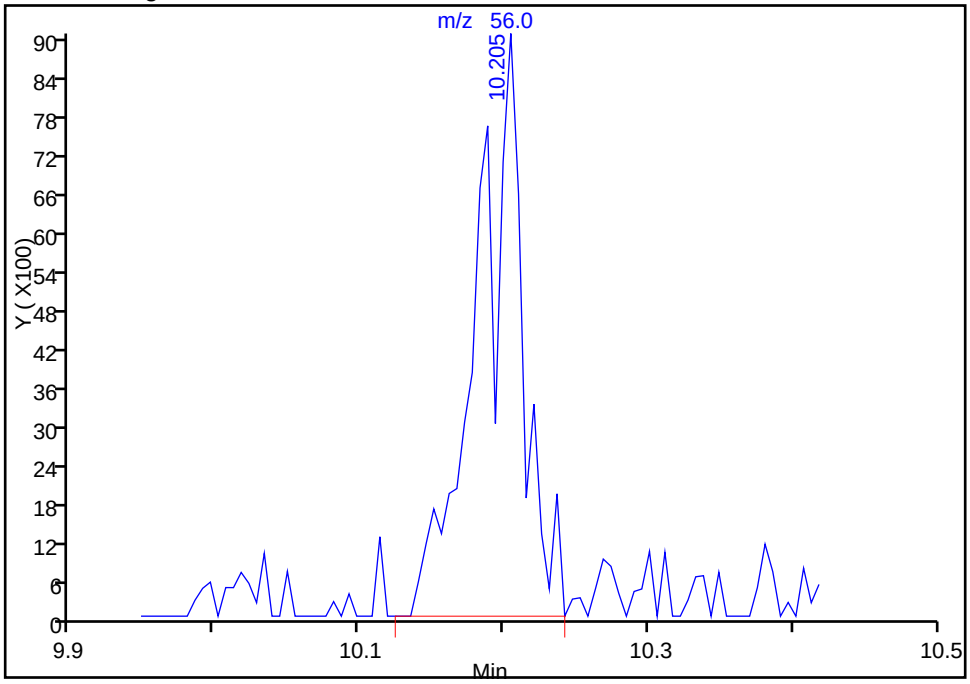
Processing Integration Results

RT: 10.20
Area: 8837
Amount: 0.130495
Amount Units: ppb v/v



Manual Integration Results

RT: 10.20
Area: 20555
Amount: 0.207944
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

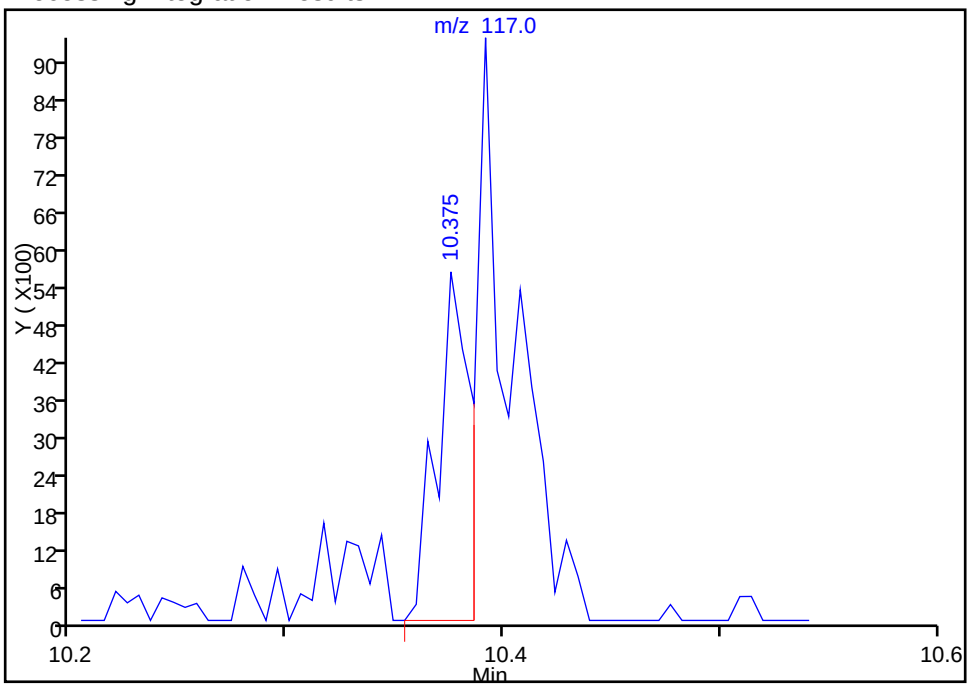
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 Carbon tetrachloride, CAS: 56-23-5

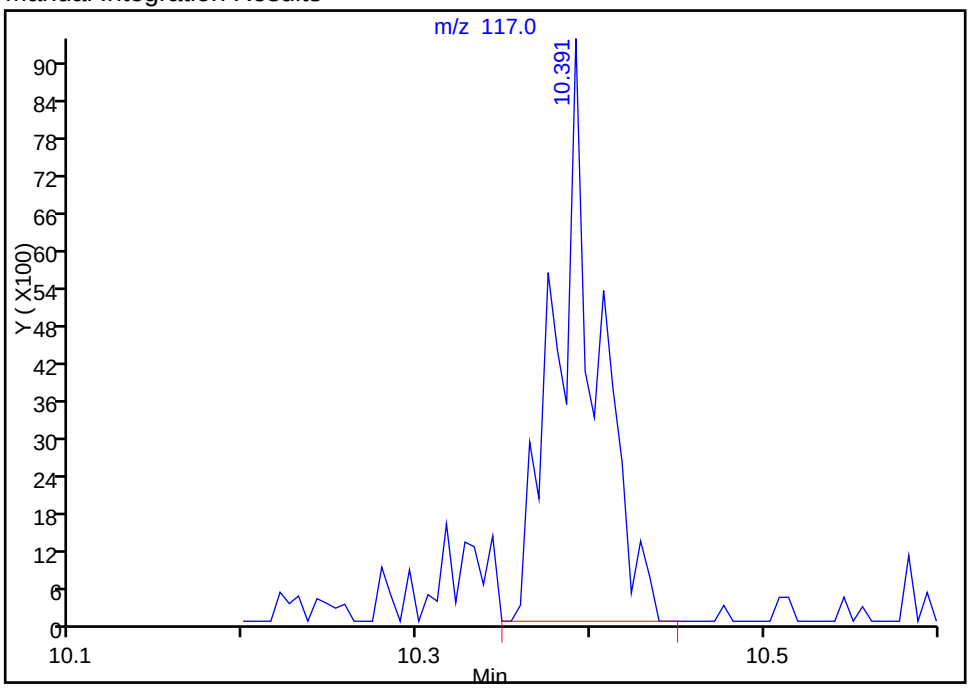
Processing Integration Results

RT: 10.38
Area: 5950
Amount: 0.035244
Amount Units: ppb v/v



Manual Integration Results

RT: 10.39
Area: 15798
Amount: 0.093576
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

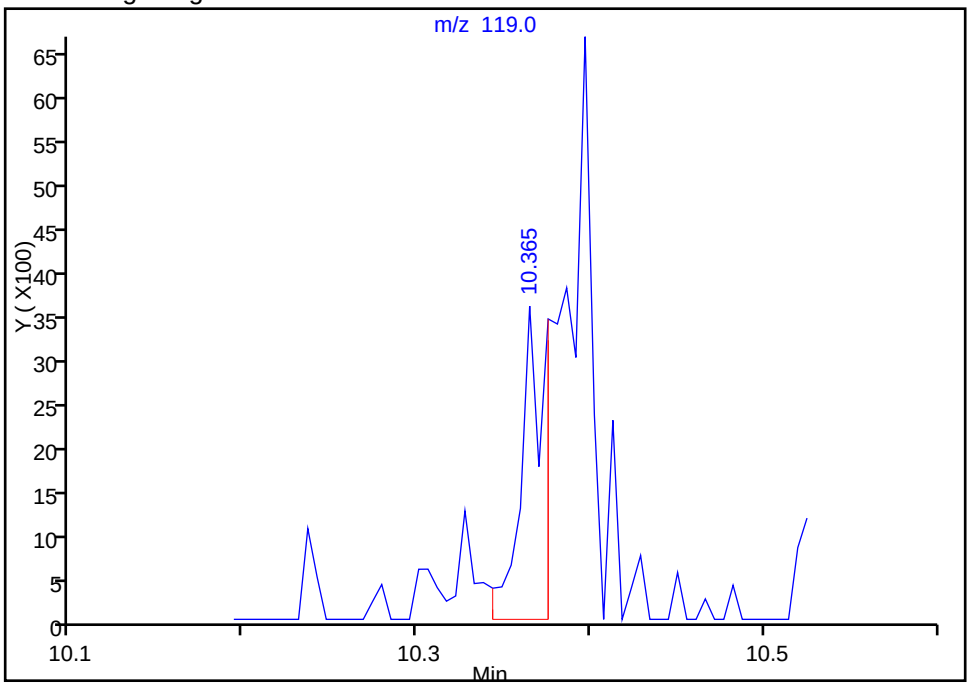
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 Carbon tetrachloride, CAS: 56-23-5

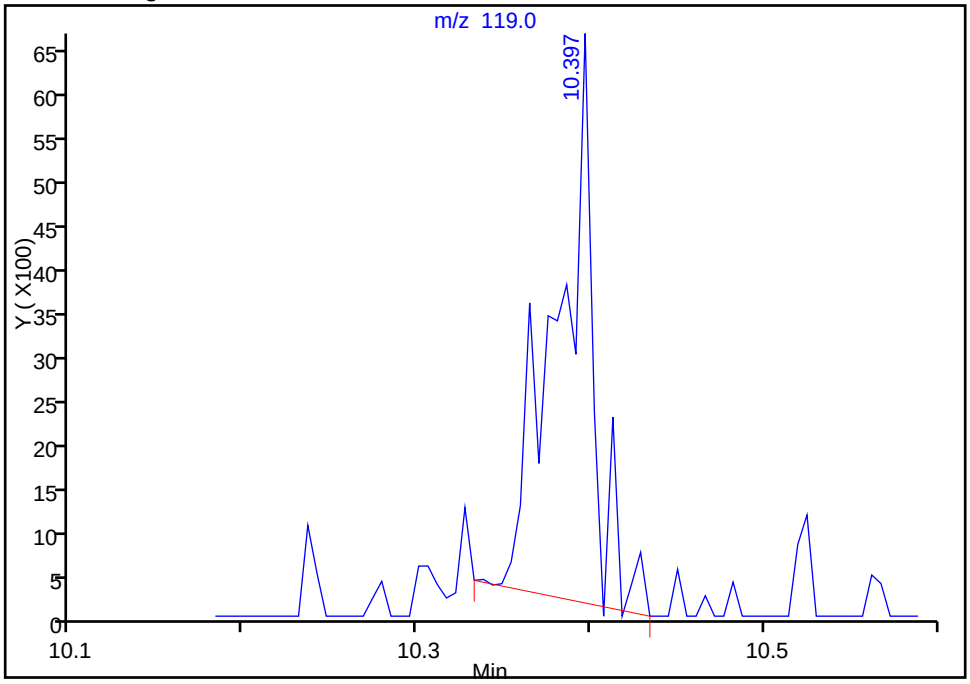
Processing Integration Results

RT: 10.36
Area: 3632
Amount: 0.035244
Amount Units: ppb v/v



Manual Integration Results

RT: 10.40
Area: 9781
Amount: 0.093576
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

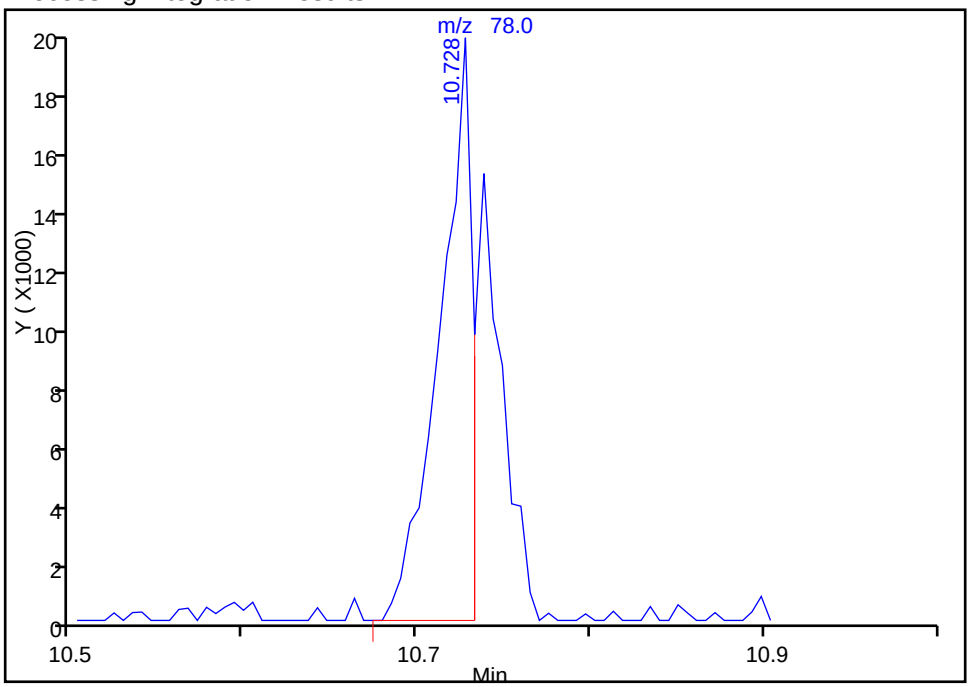
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Benzene, CAS: 71-43-2

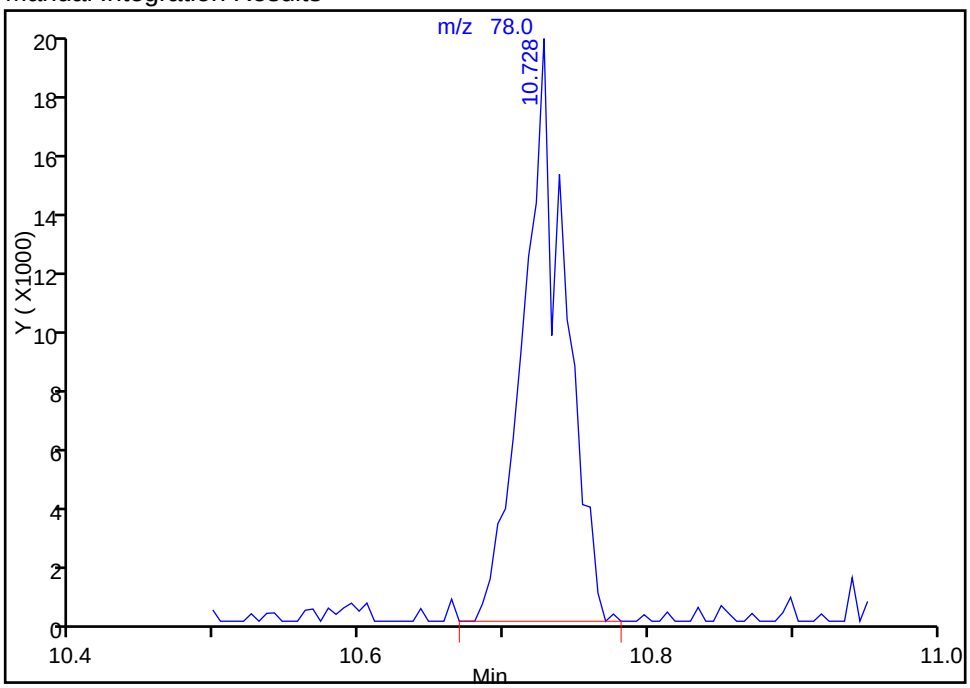
Processing Integration Results

RT: 10.73
Area: 25942
Amount: 0.152012
Amount Units: ppb v/v



Manual Integration Results

RT: 10.73
Area: 39811
Amount: 0.233280
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

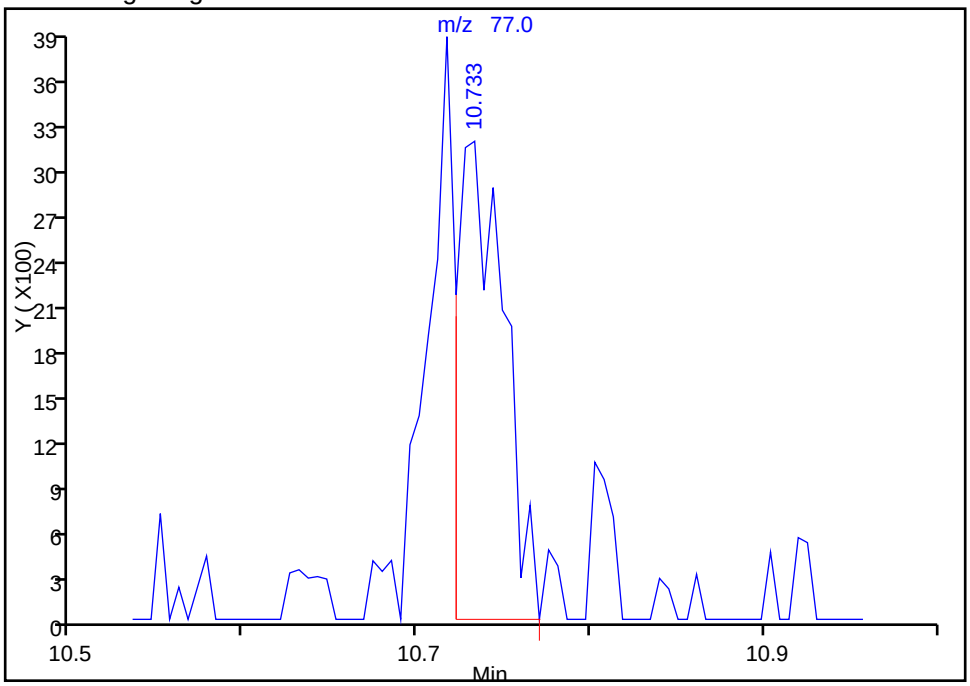
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Benzene, CAS: 71-43-2

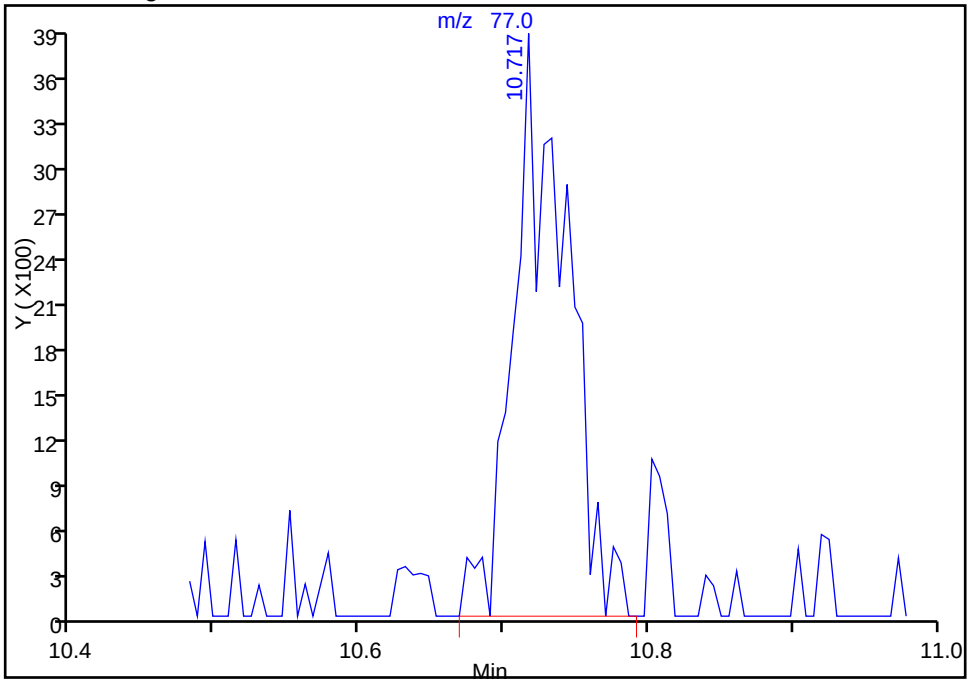
Processing Integration Results

RT: 10.73
Area: 5878
Amount: 0.152012
Amount Units: ppb v/v



Manual Integration Results

RT: 10.72
Area: 9863
Amount: 0.233280
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

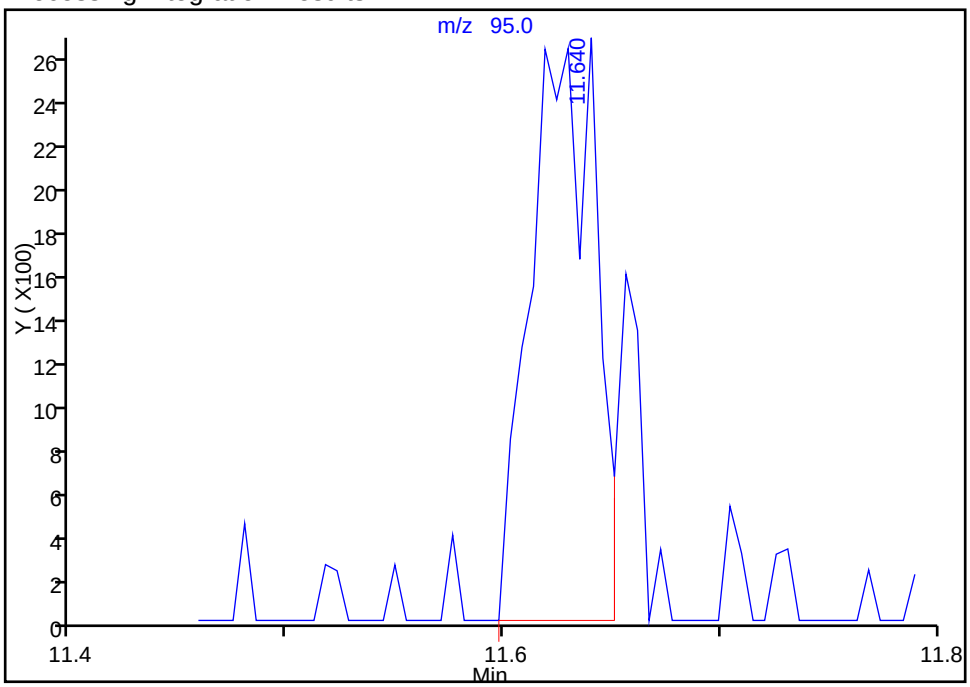
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

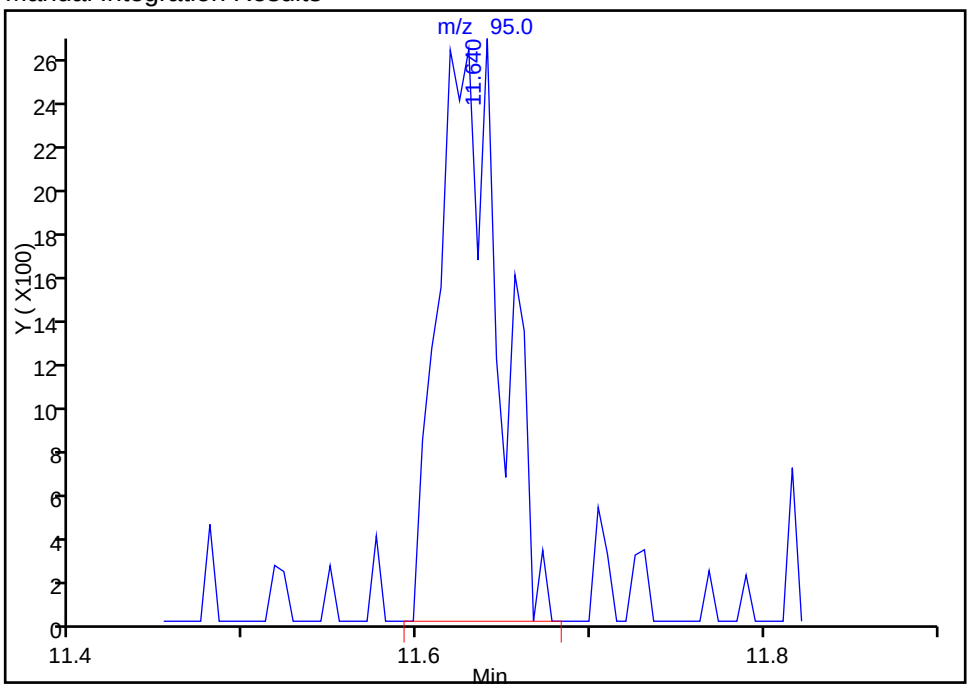
Processing Integration Results

RT: 11.64
Area: 5521
Amount: 0.065146
Amount Units: ppb v/v



Manual Integration Results

RT: 11.64
Area: 6547
Amount: 0.077253
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

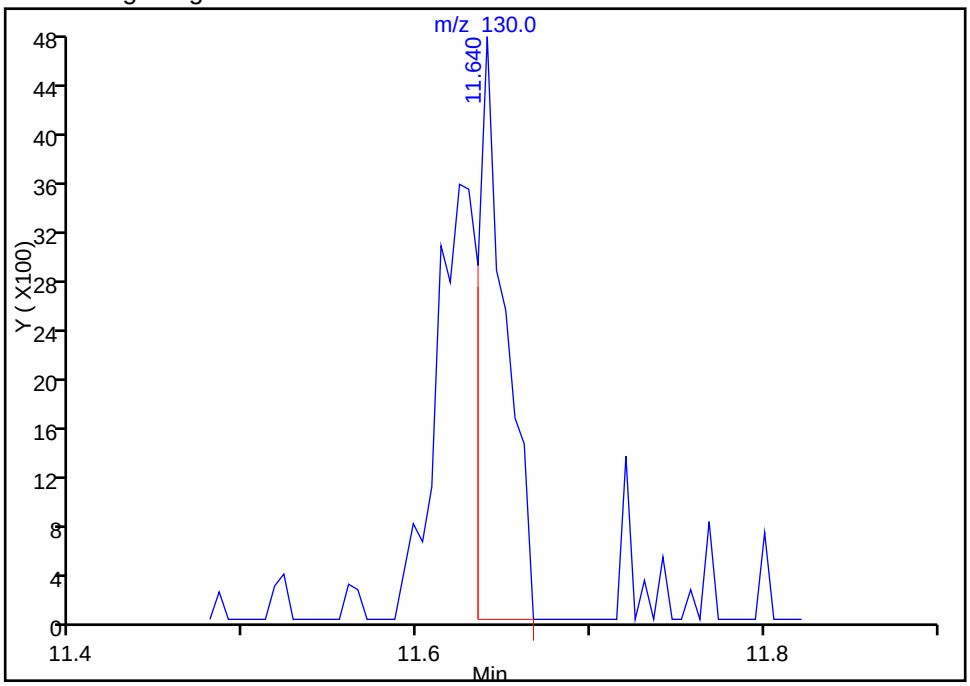
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

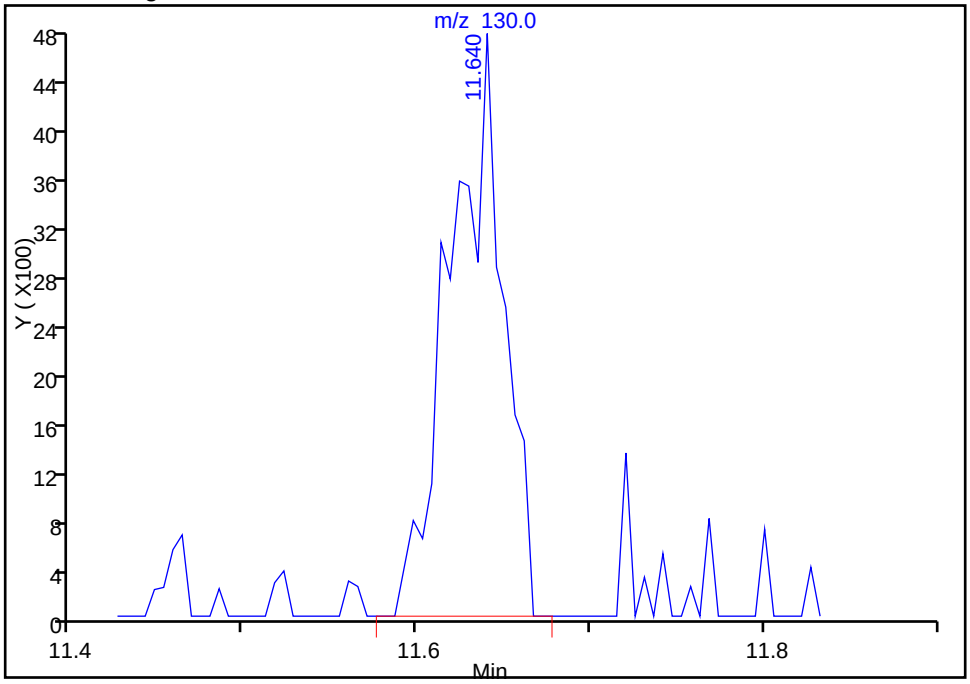
Processing Integration Results

RT: 11.64
Area: 5173
Amount: 0.065146
Amount Units: ppb v/v



Manual Integration Results

RT: 11.64
Area: 10237
Amount: 0.077253
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

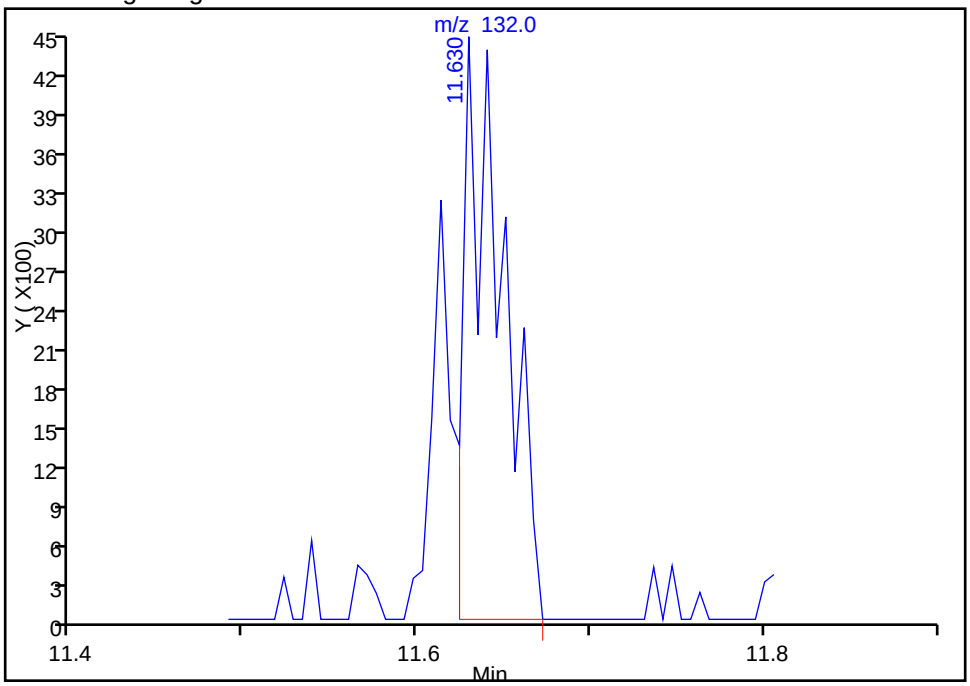
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

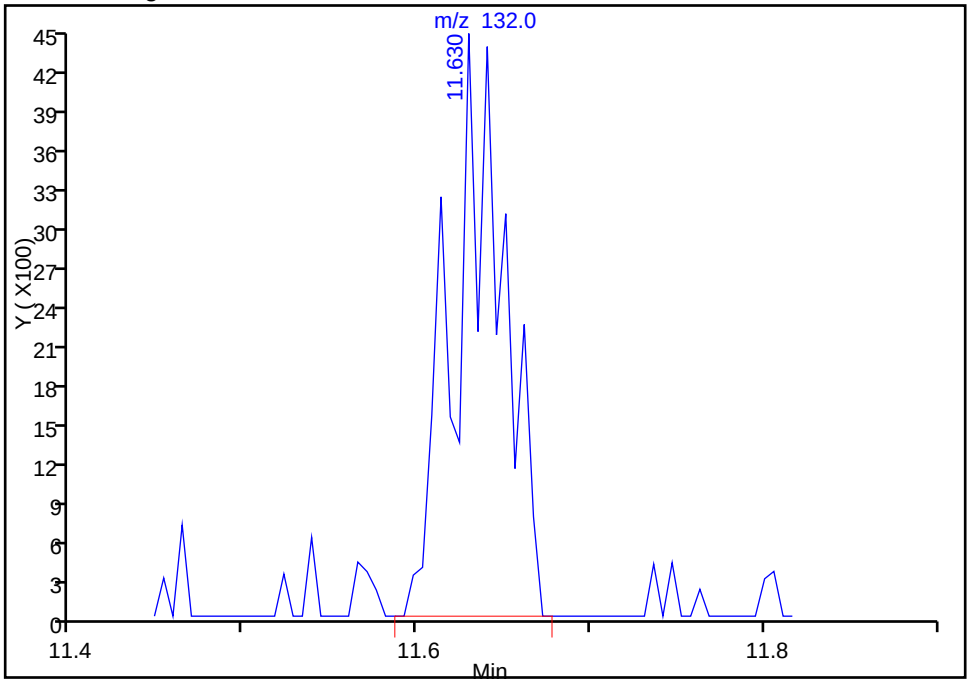
Processing Integration Results

RT: 11.63
Area: 6986
Amount: 0.065146
Amount Units: ppb v/v



Manual Integration Results

RT: 11.63
Area: 9232
Amount: 0.077253
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

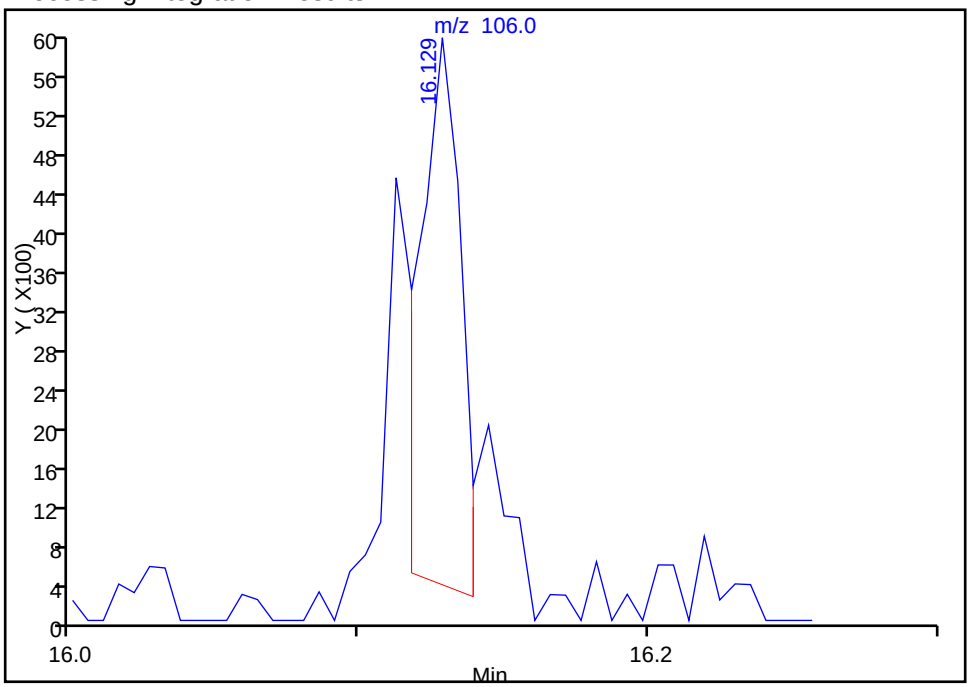
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_18a.D				
Injection Date:	30-Jan-2015 01:22:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-16	Lab Sample ID:	200-64806-16		
Client ID:	776VMP0201MA				
Operator ID:	pad	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 o-Xylene, CAS: 95-47-6

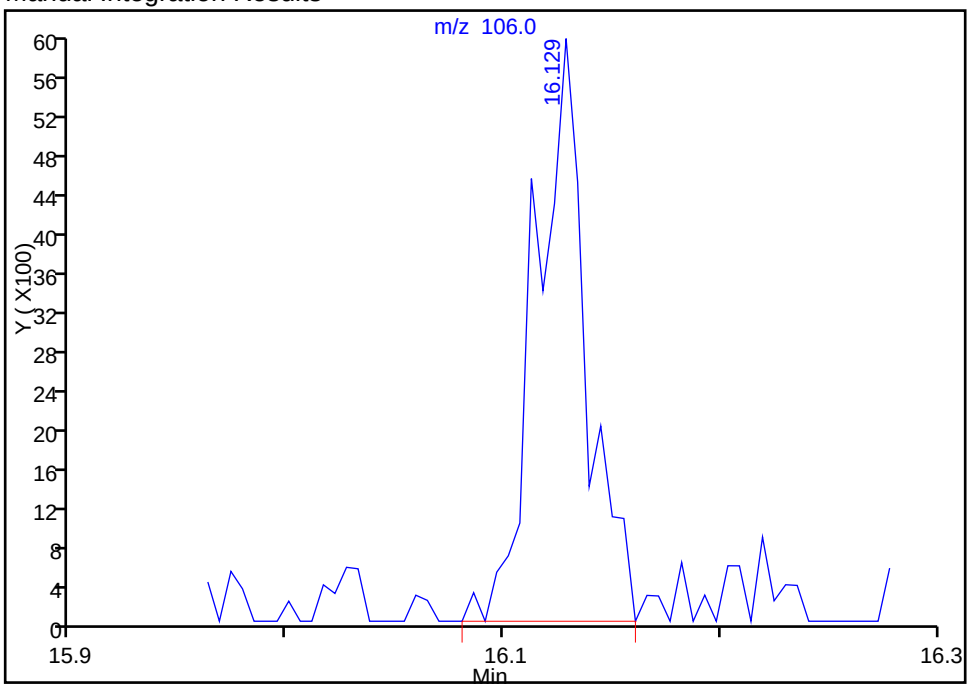
Processing Integration Results

RT: 16.13
Area: 5650
Amount: 0.049219
Amount Units: ppb v/v



Manual Integration Results

RT: 16.13
Area: 9787
Amount: 0.085257
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0301MA Lab Sample ID: 280-64806-17

Matrix: Air Lab File ID: 11879_19a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 02:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.54		0.50	0.056
75-45-6	Freon 22	86.47	2.6		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.68		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.24	M	0.20	0.045
76-13-1	Freon TF	187.38	0.069	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	8.9		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	8.2		5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	2.0		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.23	M	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.077	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.17	J	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0301MA Lab Sample ID: 280-64806-17

Matrix: Air Lab File ID: 11879_19a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 02:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.39	M	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.22	M	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.21	J M	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.068	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.17	J M	0.50	0.025
95-47-6	Xylene, o-	106.17	0.080	J M	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.25		0.20	0.041
100-42-5	Styrene	104.15	0.072	J	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.050	J	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0301MA Lab Sample ID: 280-64806-17

Matrix: Air Lab File ID: 11879_19a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 02:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0301MA Lab Sample ID: 280-64806-17

Matrix: Air Lab File ID: 11879_19a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 02:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.28
75-45-6	Freon 22	86.47	9.2		1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	1.6		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.3	M	1.1	0.25
76-13-1	Freon TF	187.38	0.53	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	21		12	1.6
67-63-0	Isopropyl alcohol	60.10	20		12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	5.9		1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.80	M	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.49	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.54	J	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0301MA Lab Sample ID: 280-64806-17

Matrix: Air Lab File ID: 11879_19a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 02:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	2.1	M	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.82	M	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.86	J M	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.30	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.72	J M	2.2	0.11
95-47-6	Xylene, o-	106.17	0.35	J M	0.87	0.078
1330-20-7	Xylene (total)	106.17	1.1		0.87	0.18
100-42-5	Styrene	104.15	0.31	J	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.25	J	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
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Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776VMP0301MA Lab Sample ID: 280-64806-17

Matrix: Air Lab File ID: 11879_19a.D

Analysis Method: TO-15 Date Collected: 01/22/2015 12:55

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 02:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D
Lims ID: 280-64806-A-17 Lab Sample ID: 200-64806-17
Client ID: 776VMP0301MA
Sample Type: Client
Inject. Date: 30-Jan-2015 02:14:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011879-019
Misc. Info.: 64806-17
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 02-Feb-2015 08:44:11 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: lyonsb Date: 30-Jan-2015 15:59:59

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	5 Dichlorodifluoromethane	85	3.218	3.218	0.000	97	94487	0.5399	
	6 Chlorodifluoromethane	51	3.261	3.261	0.000	97	257126	2.60	
	7 1,2-Dichloro-1,1,2,2-tetra	85		3.448				ND	
	8 Chloromethane	50		3.581				ND	
	9 Butane	43	3.763	3.763	0.000	88	55251	0.6792	
	10 Vinyl chloride	62		3.800				ND	
	11 Butadiene	54		3.875				ND	
	12 Bromomethane	94		4.579				ND	
	14 Chloroethane	64		4.809				ND	
	16 Vinyl bromide	106		5.241				ND	
	17 Trichlorofluoromethane	101	5.327	5.326	0.001	54	40859	0.2373	M
	23 1,1,2-Trichloro-1,2,2-trif	101	6.378	6.372	0.006	50	7713	0.0691	
	24 1,1-Dichloroethene	96		6.453				ND	
	25 Acetone	43	6.629	6.629	0.000	84	868173	8.93	
	26 Isopropyl alcohol	45	6.832	6.826	0.006	98	593236	8.24	
	27 Carbon disulfide	76		6.885				ND	
	29 3-Chloro-1-propene	41		7.173				ND	
	31 Methylene Chloride	49		7.429				ND	
	32 2-Methyl-2-propanol	59		7.536				ND	
	33 Methyl tert-butyl ether	73		7.765				ND	
	34 trans-1,2-Dichloroethene	61		7.840				ND	
	36 Hexane	57		8.150				ND	
	37 1,1-Dichloroethane	63		8.598				ND	
	40 2-Butanone (MEK)	72	9.500	9.495	0.005	99	56873	2.01	
	39 cis-1,2-Dichloroethene	96		9.500				ND	
	43 Tetrahydrofuran	42		9.868				ND	
*	44 Chlorobromomethane	128	9.879	9.874	0.005	85	558700	10.0	
	45 Chloroform	83		9.943				ND	
S	42 1,2-Dichloroethene, Total	61		10.000				ND	
	46 Cyclohexane	84	10.199	10.199	0.000	92	17895	0.2311	M
	47 1,1,1-Trichloroethane	97		10.199				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
48 Carbon tetrachloride	117	10.397	10.391	0.006	57	12729	0.0772	
49 Isooctane	57		10.663				ND	
50 Benzene	78	10.733	10.733	0.000	81	28045	0.1682	
51 1,2-Dichloroethane	62		10.839				ND	
52 n-Heptane	43		10.920				ND	
* 54 1,4-Difluorobenzene	114	11.277	11.272	0.005	94	2765317	10.0	
57 Trichloroethene	95	11.640	11.640	0.000	92	32182	0.3886	M
58 1,2-Dichloropropane	63		12.024				ND	
59 Methyl methacrylate	69		12.051				ND	
60 1,4-Dioxane	88		12.147				ND	
62 Dichlorobromomethane	83		12.377				ND	
64 cis-1,3-Dichloropropene	75		13.006				ND	
65 4-Methyl-2-pentanone (MIBK	43	13.177	13.150	0.027	76	20119	0.1255	
68 Toluene	92	13.428	13.433	-0.005	69	27587	0.2183	M
70 trans-1,3-Dichloropropene	75		13.796				ND	
71 1,1,2-Trichloroethane	83		14.074				ND	
72 Tetrachloroethene	166	14.197	14.191	0.005	18	2569	0.0203	
73 2-Hexanone	43	14.319	14.324	-0.005	37	32321	0.2110	M
74 Chlorodibromomethane	129		14.618				ND	
75 Ethylene Dibromide	107		14.821				ND	
* 76 Chlorobenzene-d5	117	15.371	15.371	0.000	86	2436449	10.0	
77 Chlorobenzene	112		15.408				ND	
79 Ethylbenzene	91	15.461	15.472	-0.011	95	20840	0.0682	
80 m-Xylene & p-Xylene	106	15.616	15.616	0.000	0	19449	0.1665	M
S 81 Xylenes, Total	106				0		0.2467	
82 o-Xylene	106	16.118	16.128	-0.010	26	9145	0.0801	M
83 Styrene	104	16.150	16.150	0.000	62	13397	0.0718	
84 Bromoform	173		16.449				ND	
85 Isopropylbenzene	105		16.529				ND	
$ 86 4-Bromofluorobenzene	95	16.796	16.795	0.001	95	1712341	NC	
87 1,1,2,2-Tetrachloroethane	83		16.945				ND	
88 N-Propylbenzene	91		17.009				ND	
91 4-Ethyltoluene	105		17.132				ND	
92 2-Chlorotoluene	91		17.180				ND	
93 1,3,5-Trimethylbenzene	105		17.196				ND	
95 tert-Butylbenzene	119		17.580				ND	
96 1,2,4-Trimethylbenzene	105	17.644	17.649	-0.005	70	15690	0.0500	
97 sec-Butylbenzene	105		17.842				ND	
98 4-Isopropyltoluene	119		17.991				ND	
99 1,3-Dichlorobenzene	146		18.076				ND	
100 1,4-Dichlorobenzene	146		18.188				ND	
101 Benzyl chloride	91		18.349				ND	
103 n-Butylbenzene	91		18.509				ND	
104 1,2-Dichlorobenzene	146		18.690				ND	
107 1,2,4-Trichlorobenzene	180		21.102				ND	
108 Hexachlorobutadiene	225		21.262				ND	
109 Naphthalene	128		21.609				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

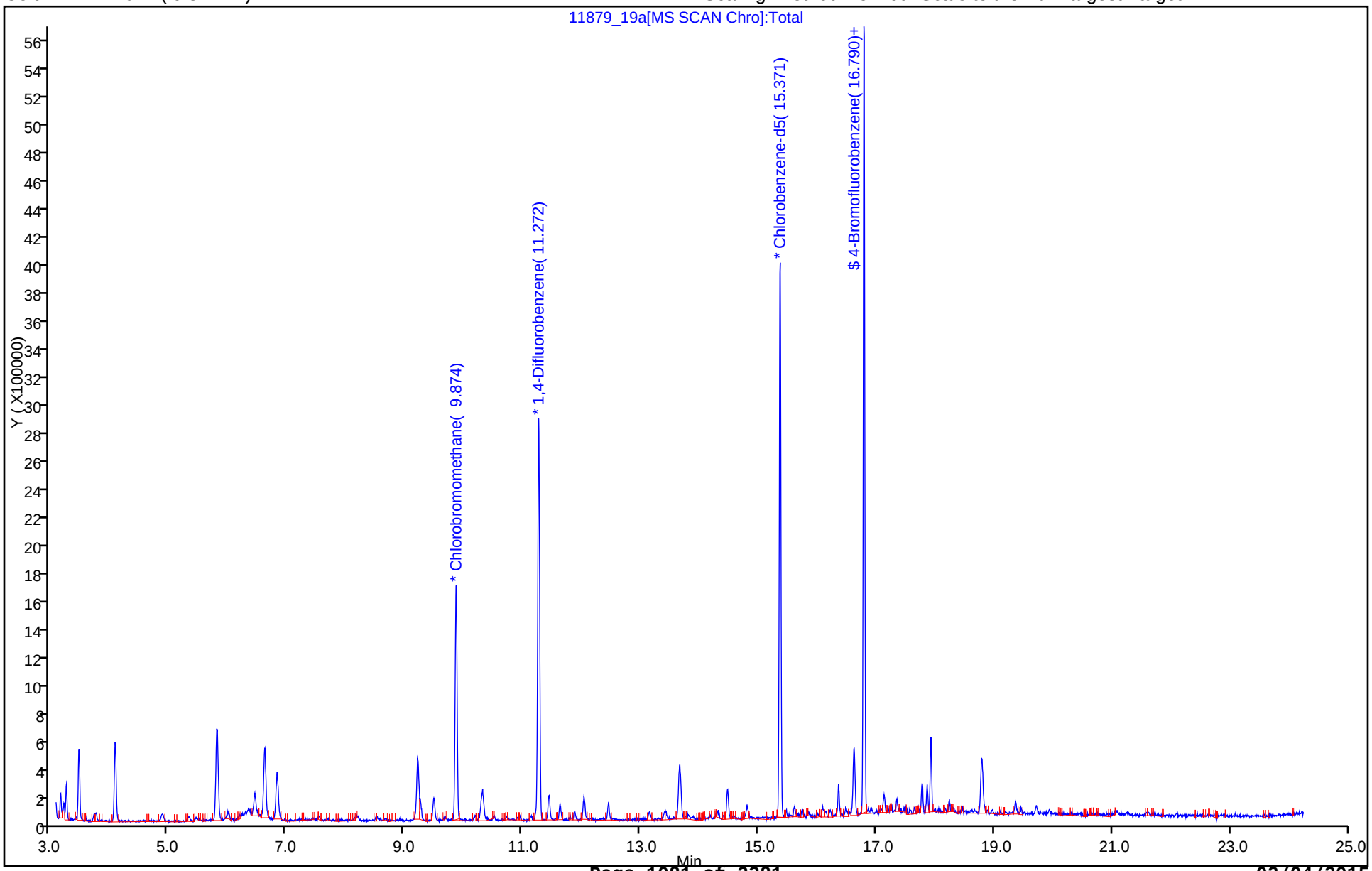
Report Date: 02-Feb-2015 08:44:34 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D

Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17	Worklist Smp#:	19
Client ID:	776VMP0301MA				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

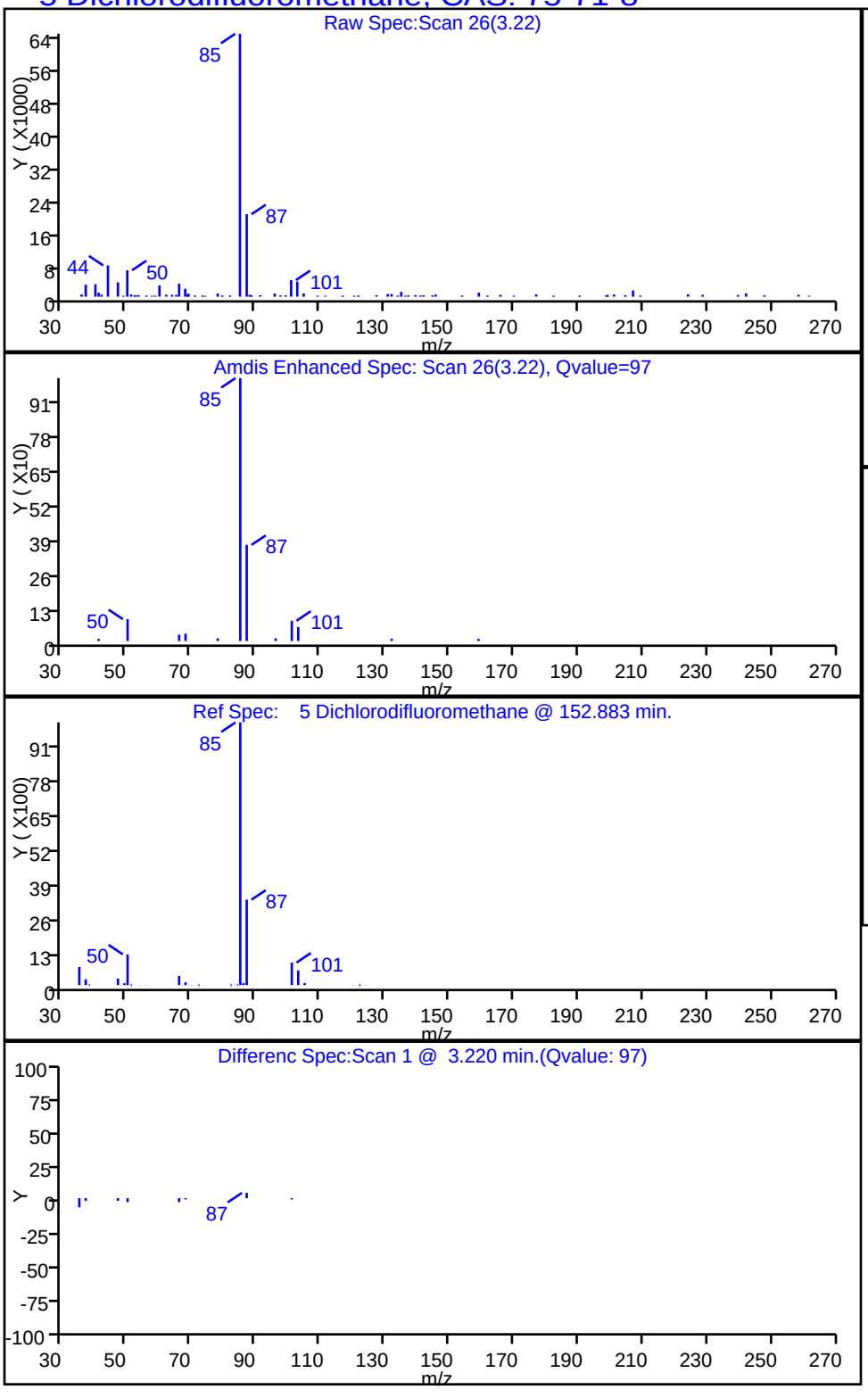


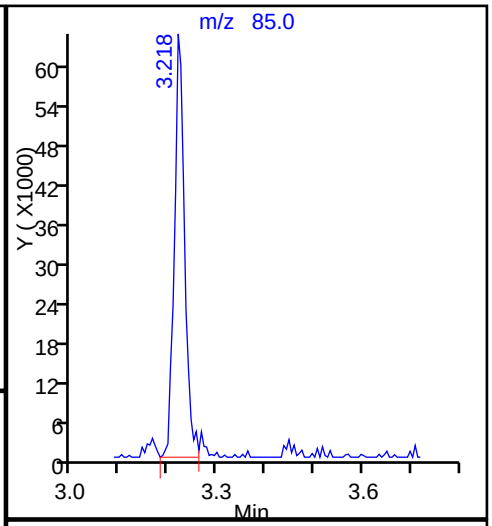
Report Date: 02-Feb-2015 08:44:34 Chrom Revision: 2.2 15-Jan-2015 13:05:58

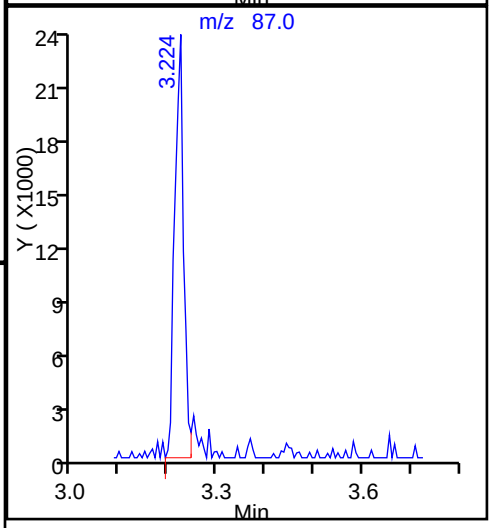
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Dichlorodifluoromethane, CAS: 75-71-8



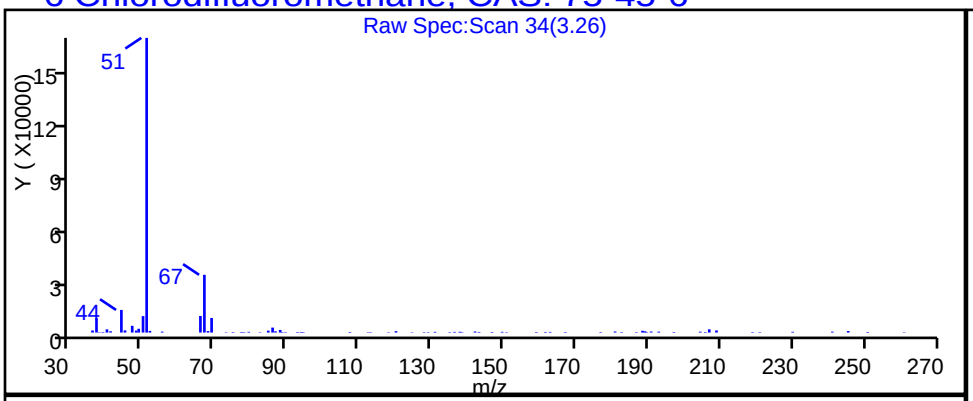


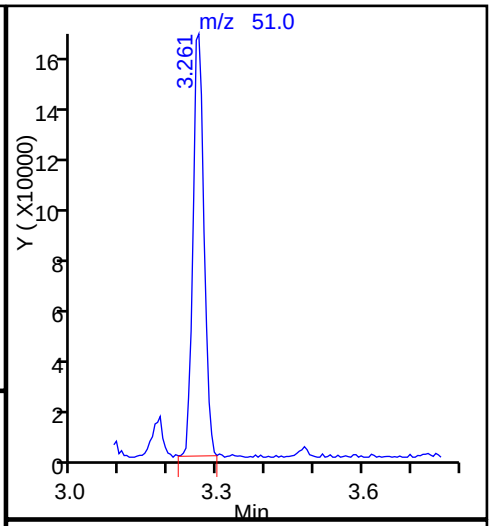


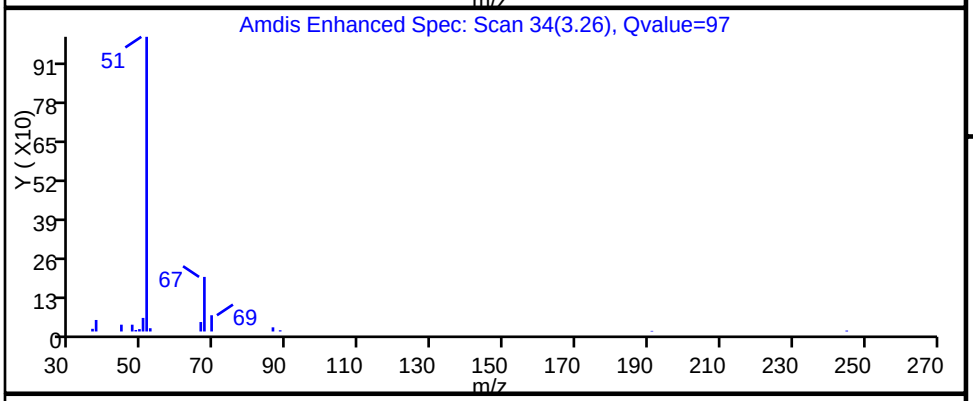
TestAmerica Burlington

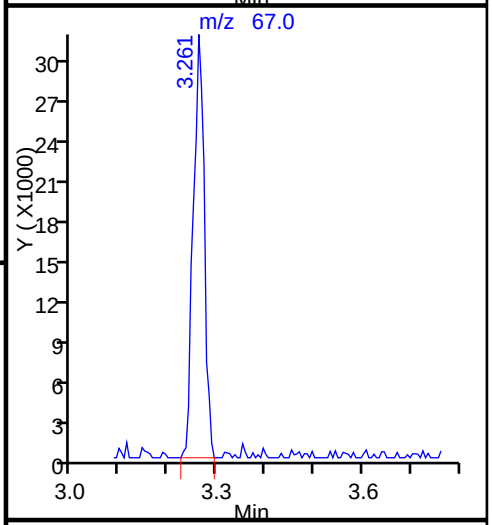
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

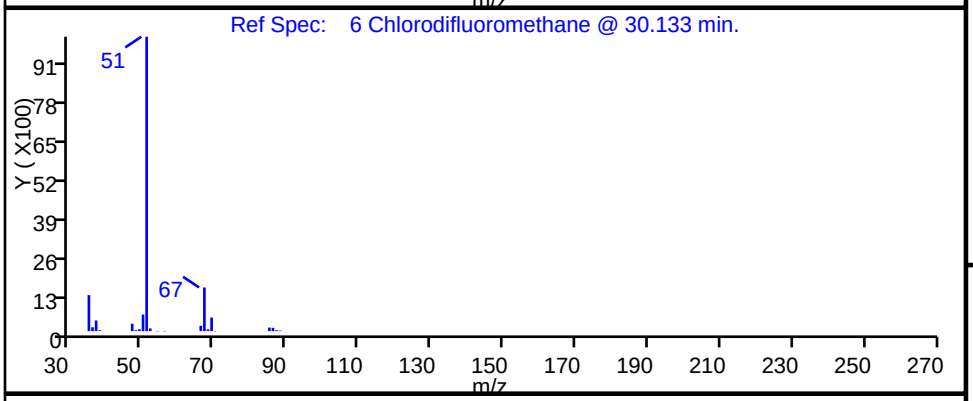
6 Chlorodifluoromethane, CAS: 75-45-6

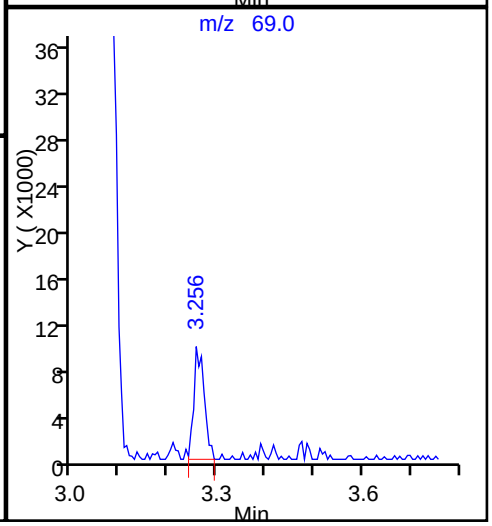


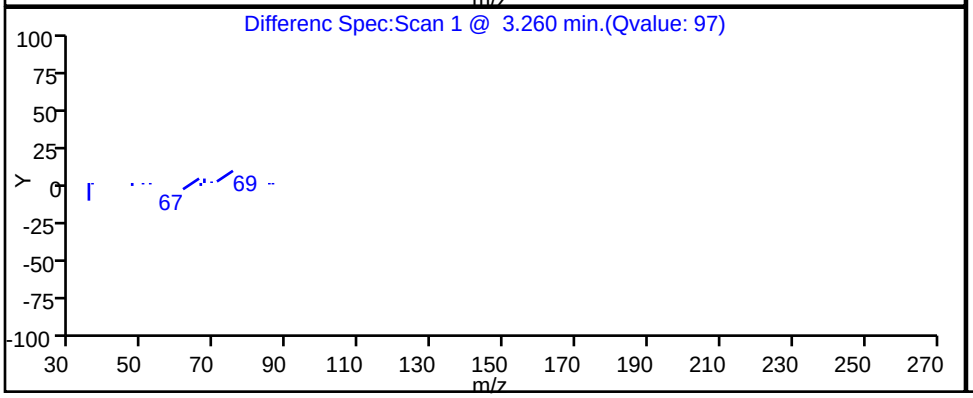








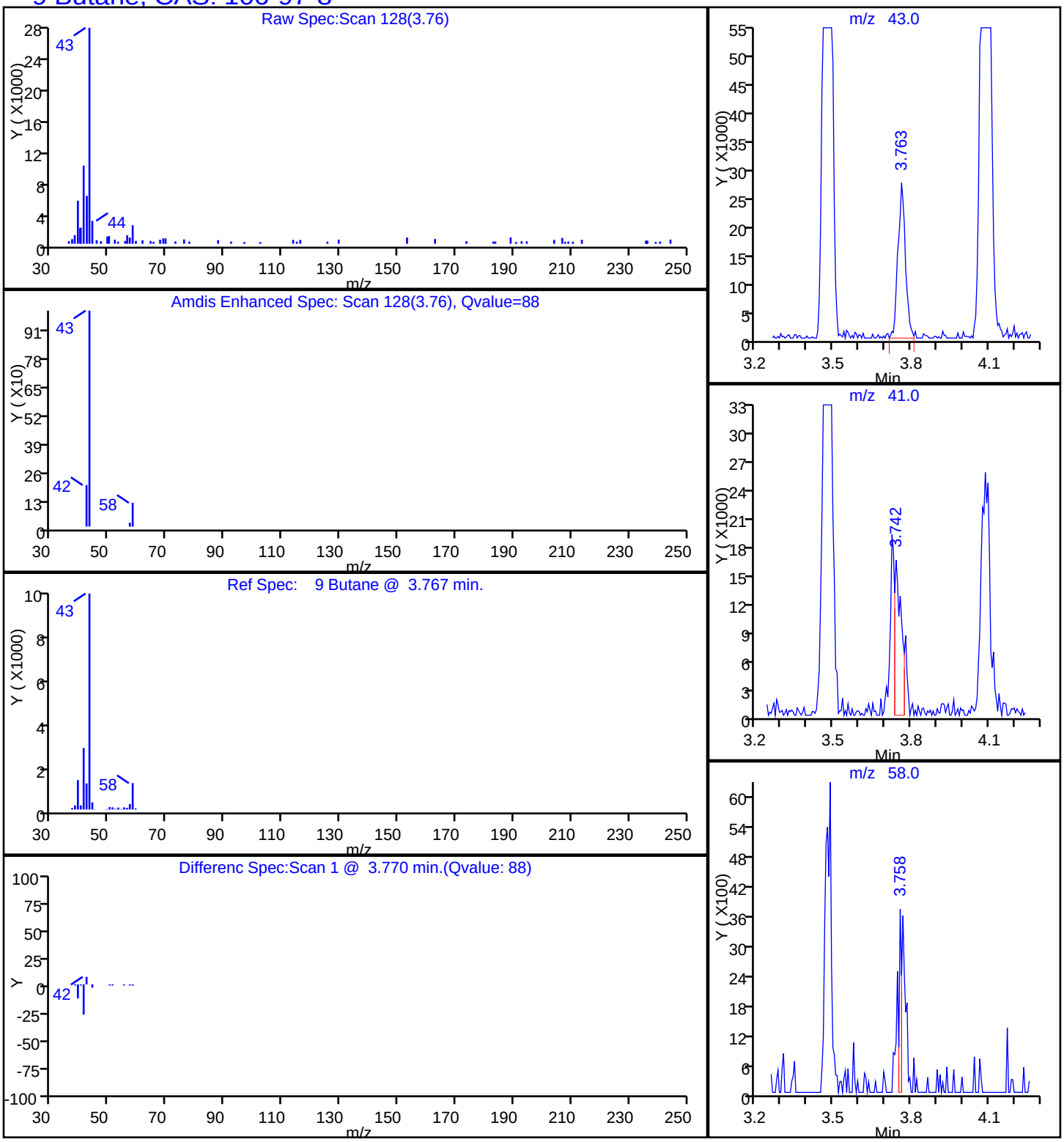




TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D		
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17
Client ID:	776VMP0301MA		
Operator ID:	pad	ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

9 Butane, CAS: 106-97-8



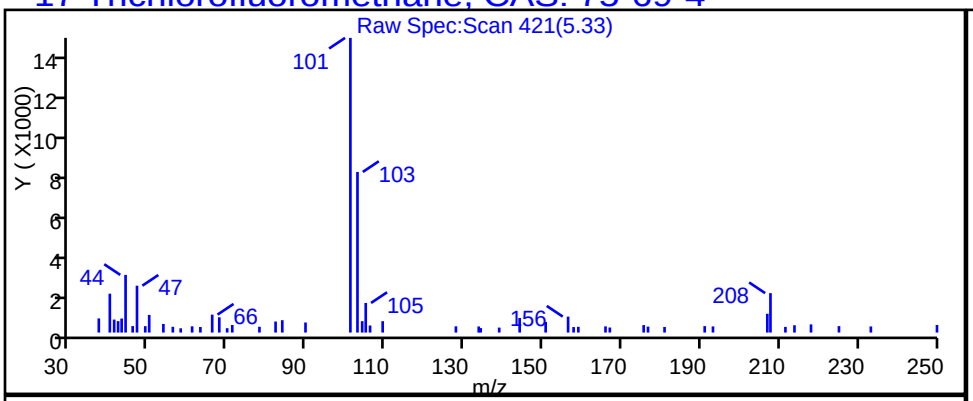
Report Date: 02-Feb-2015 08:44:34 Chrom Revision: 2.2 15-Jan-2015 13:05:58

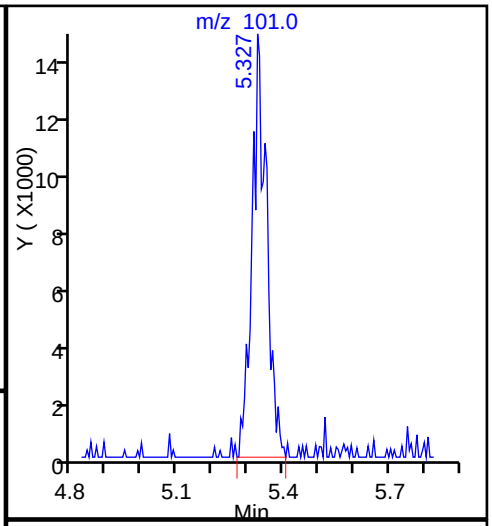
TestAmerica Burlington

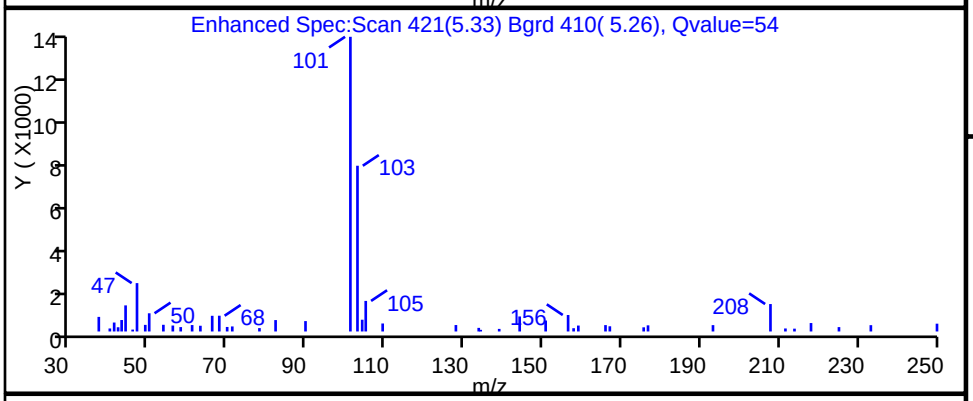
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D

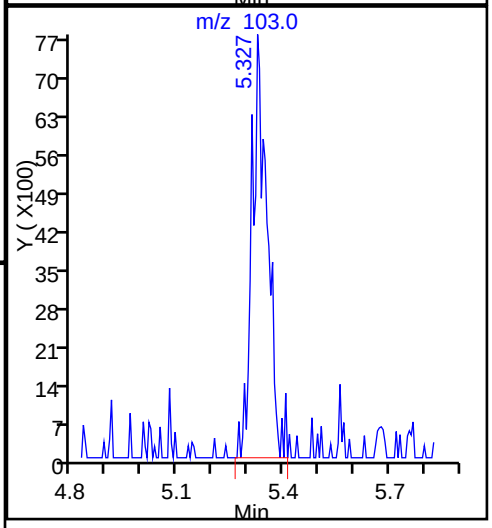
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

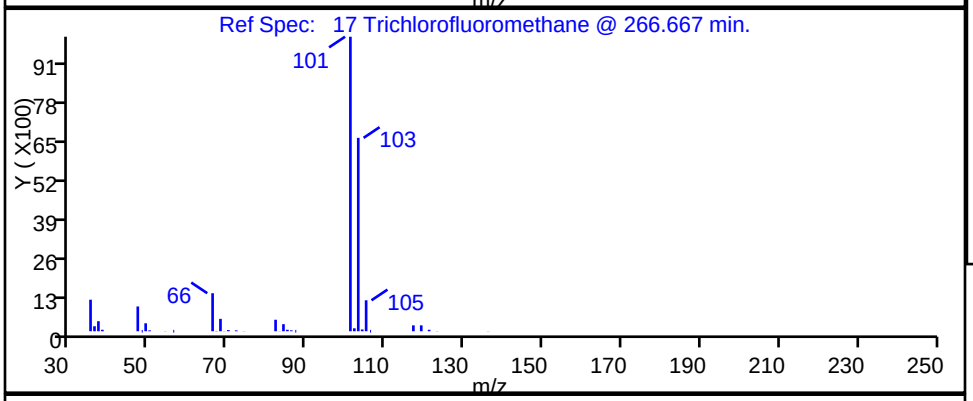
17 Trichlorofluoromethane, CAS: 75-69-4

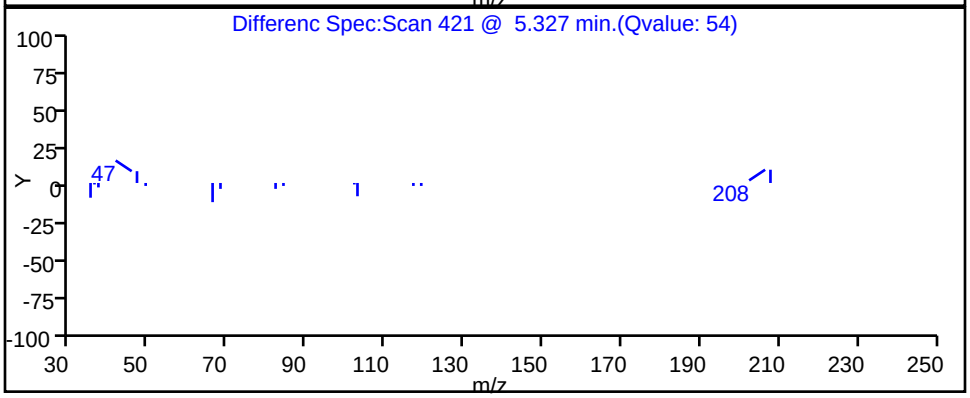












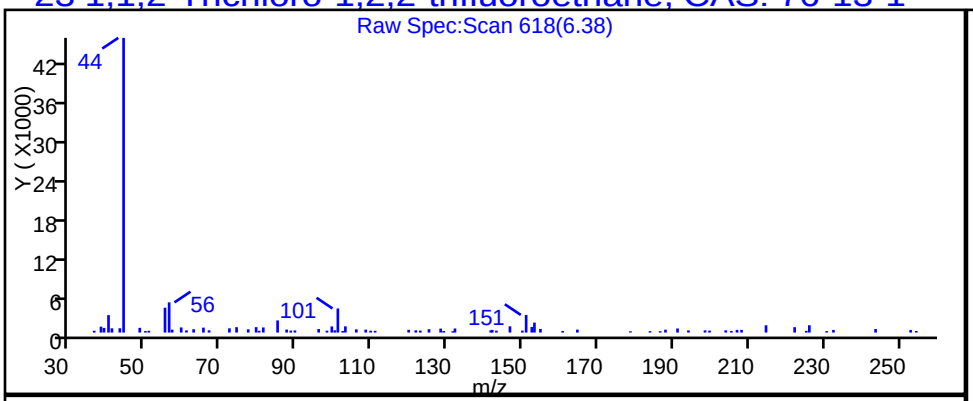
Report Date: 02-Feb-2015 08:44:34 Chrom Revision: 2.2 15-Jan-2015 13:05:58

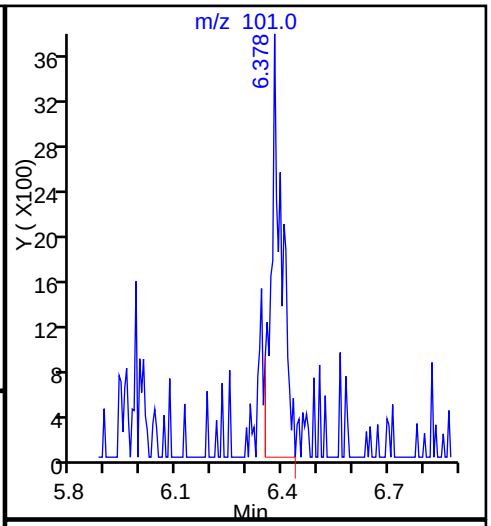
TestAmerica Burlington

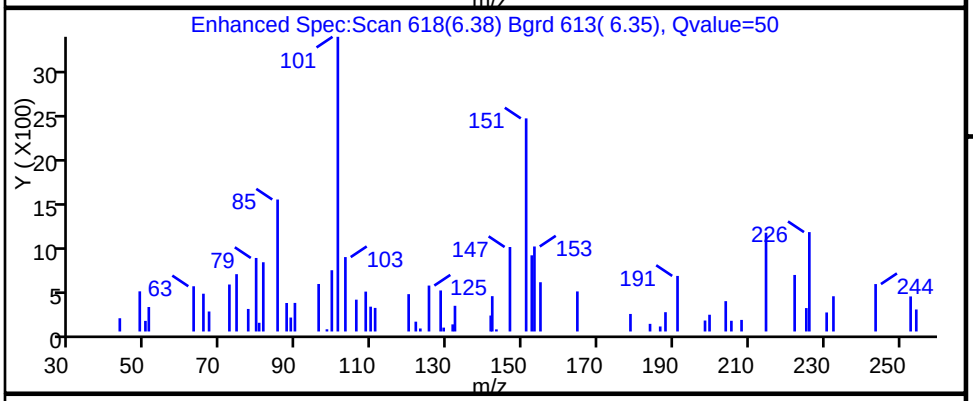
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D

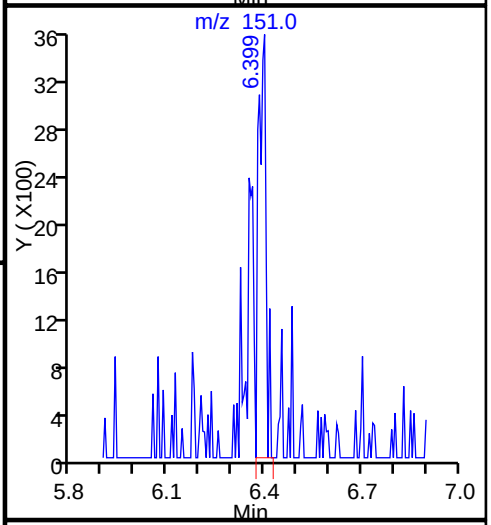
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

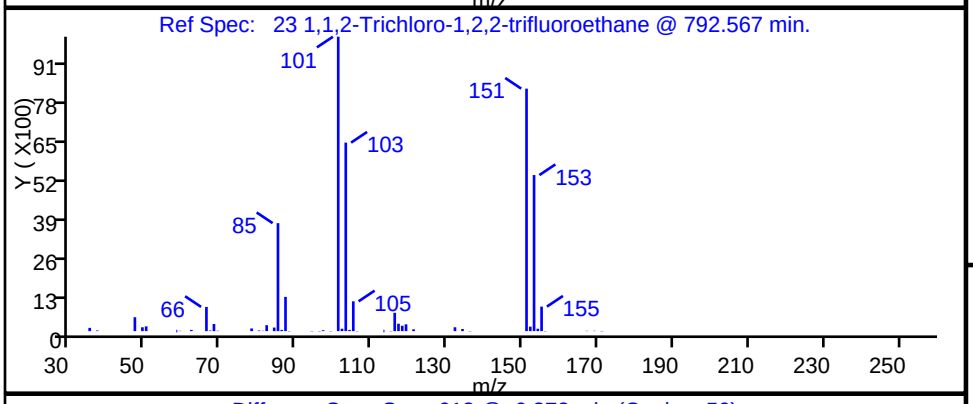
23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

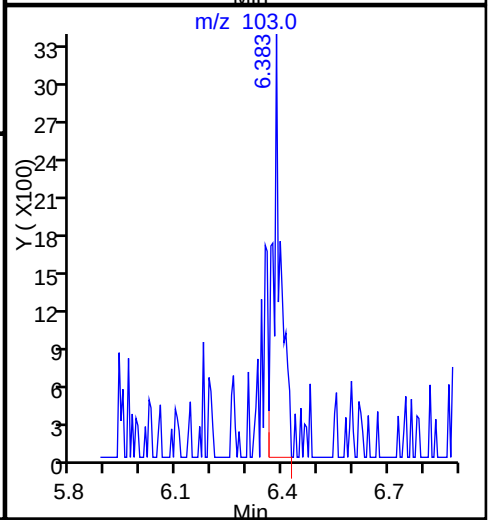


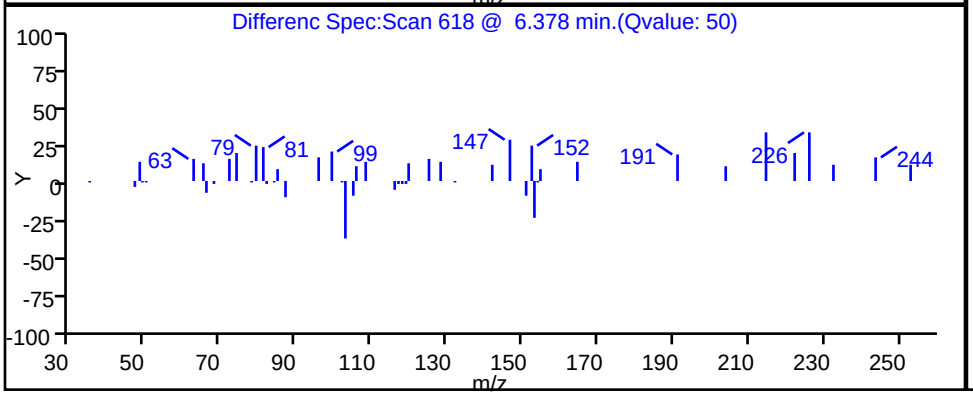








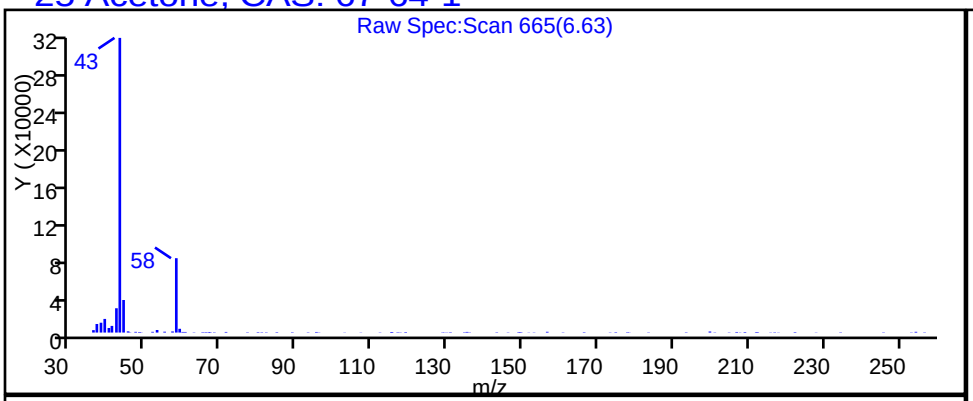


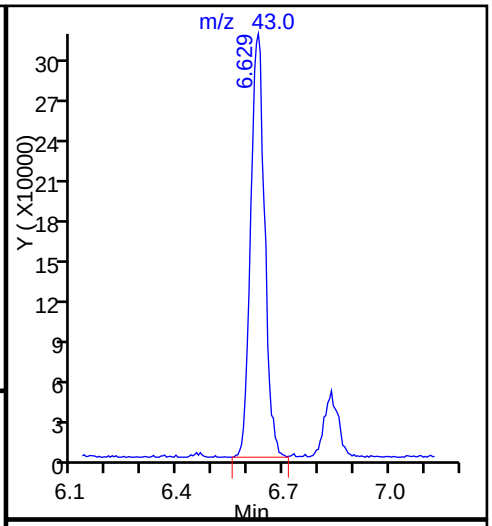


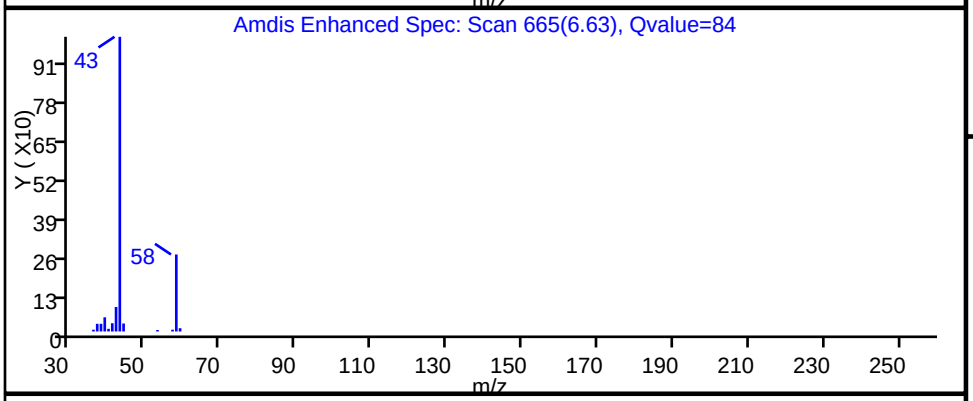
TestAmerica Burlington

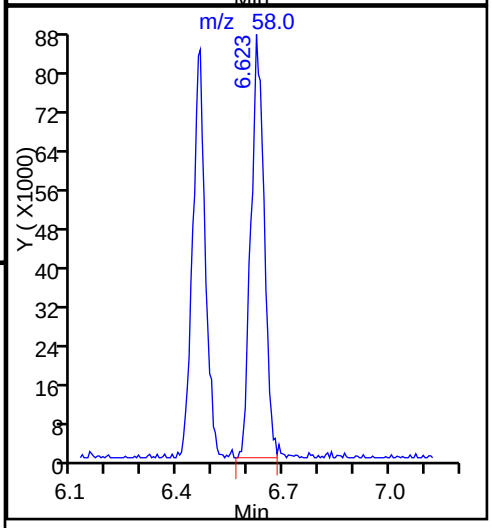
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D		
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17
Client ID:	776VMP0301MA		
Operator ID:	pad	ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

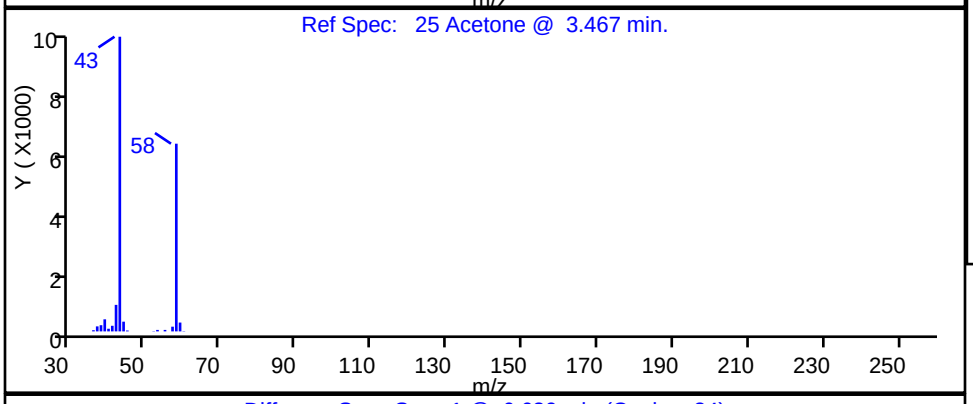
25 Acetone, CAS: 67-64-1

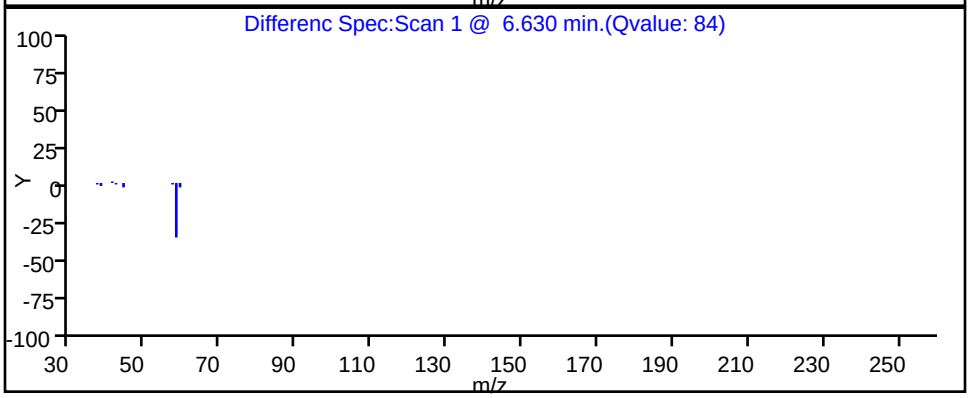












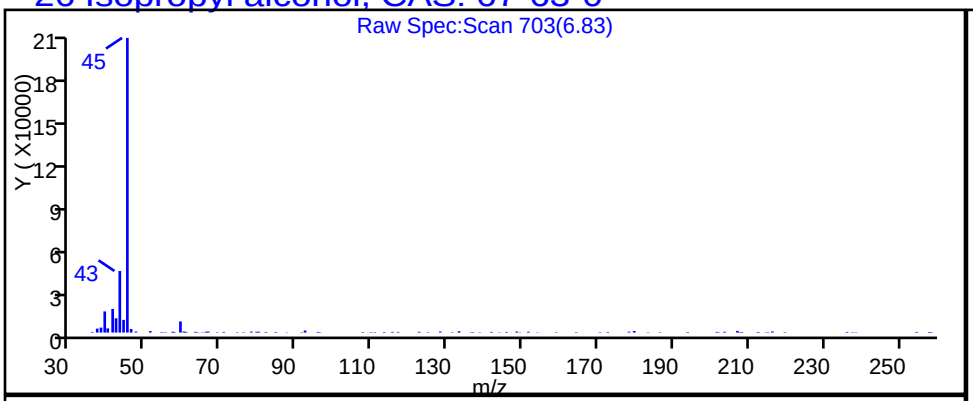
Report Date: 02-Feb-2015 08:44:34 Chrom Revision: 2.2 15-Jan-2015 13:05:58

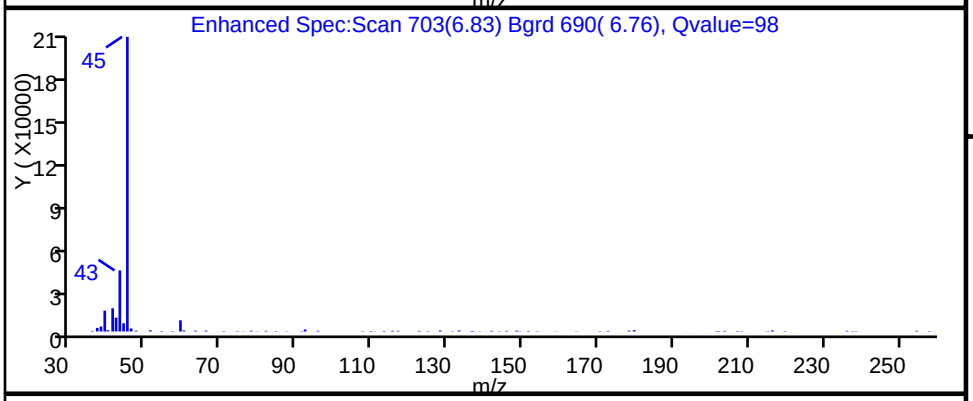
TestAmerica Burlington

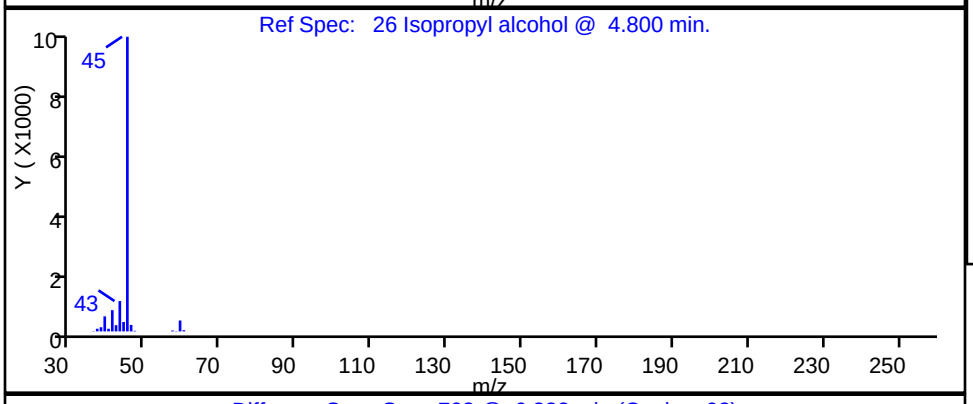
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D

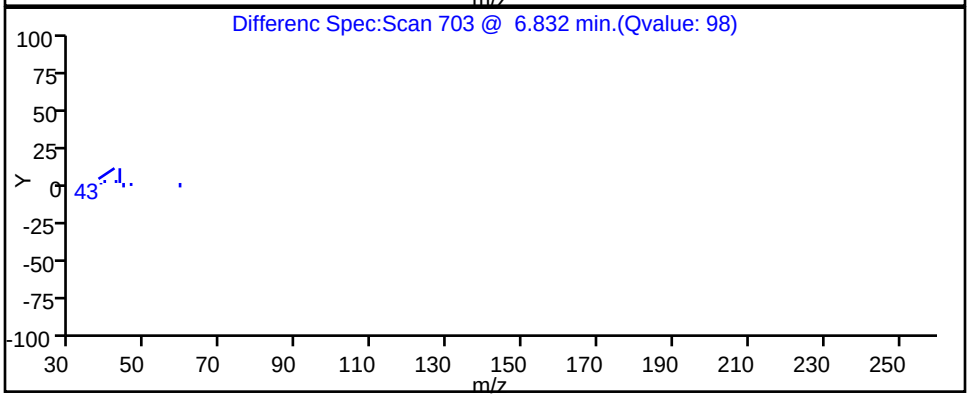
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

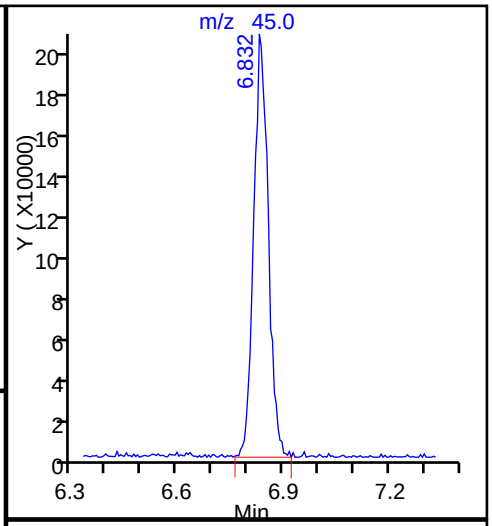
26 Isopropyl alcohol, CAS: 67-63-0

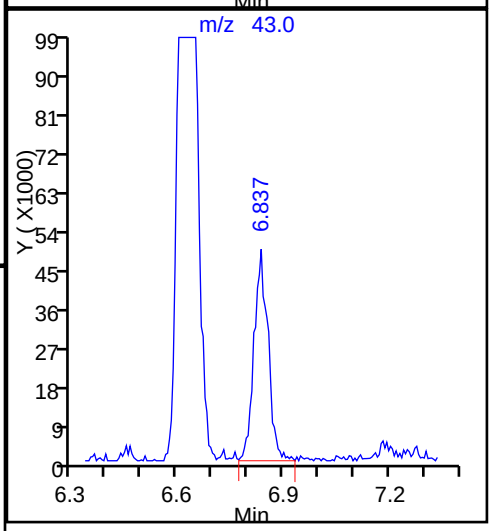








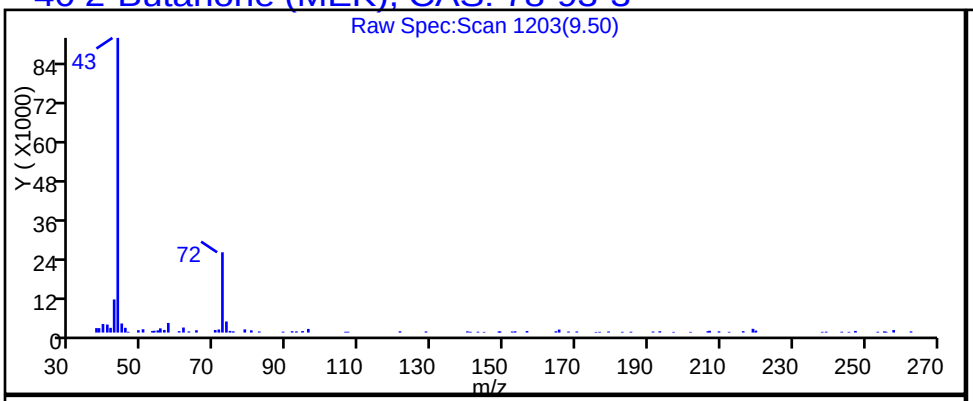


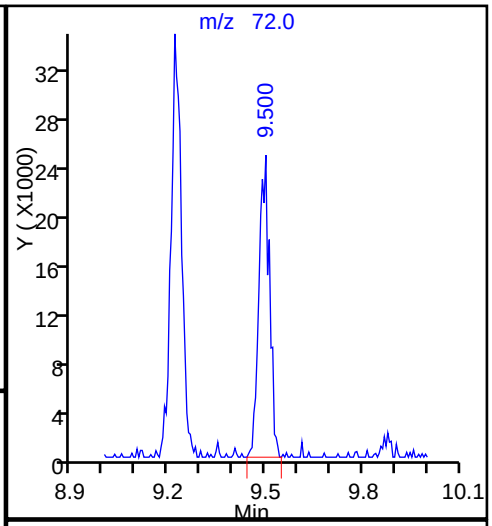


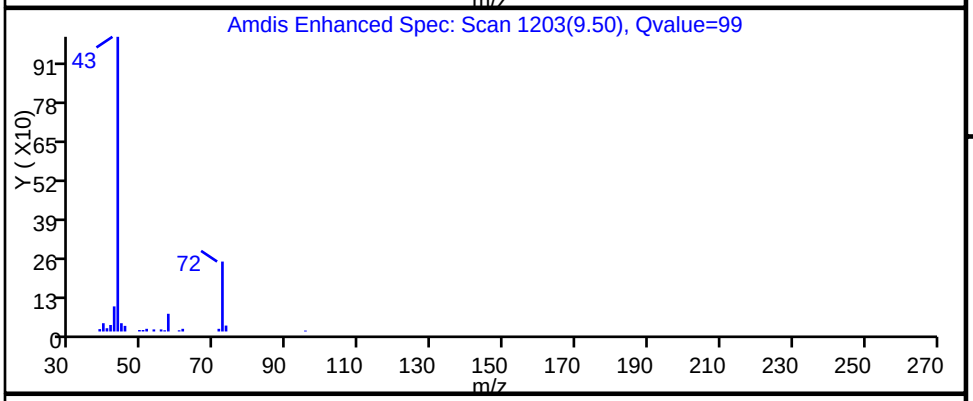
TestAmerica Burlington

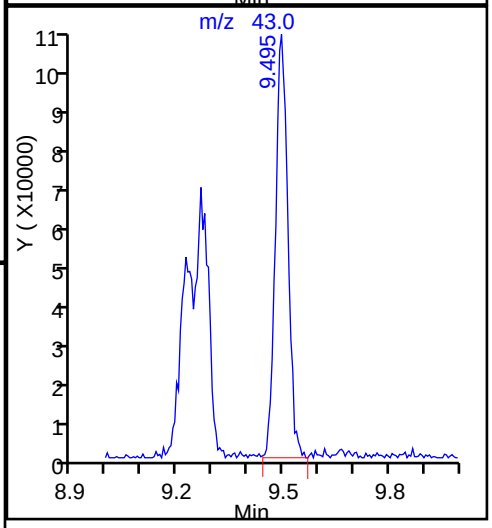
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

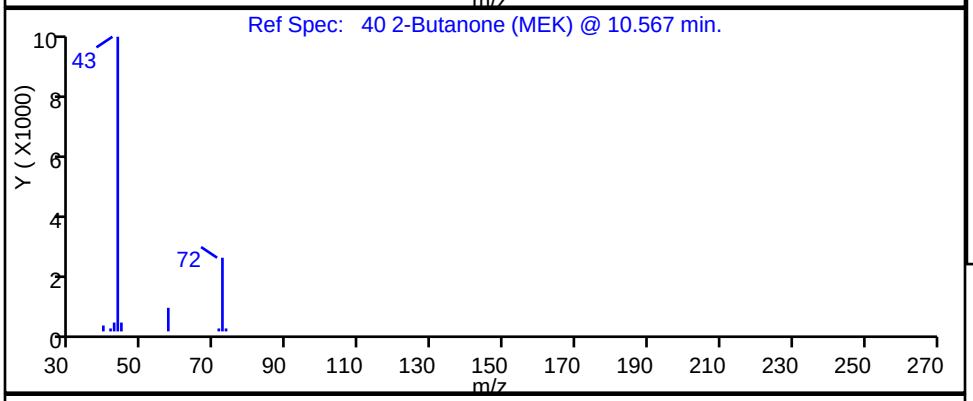
40 2-Butanone (MEK), CAS: 78-93-3

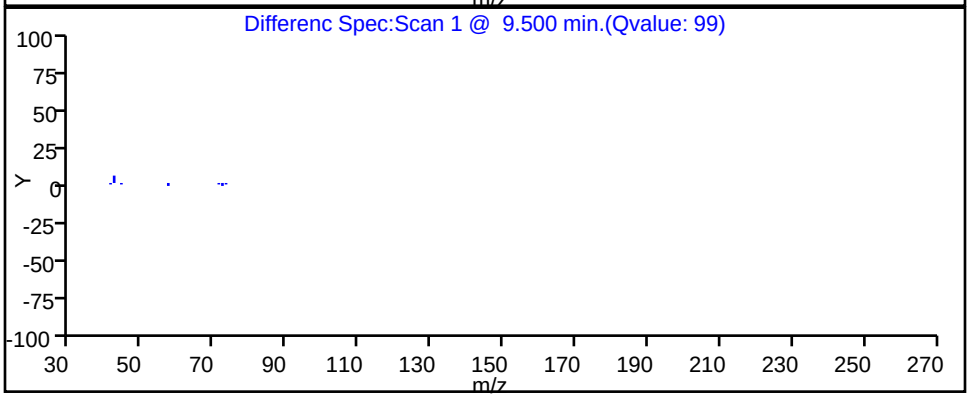








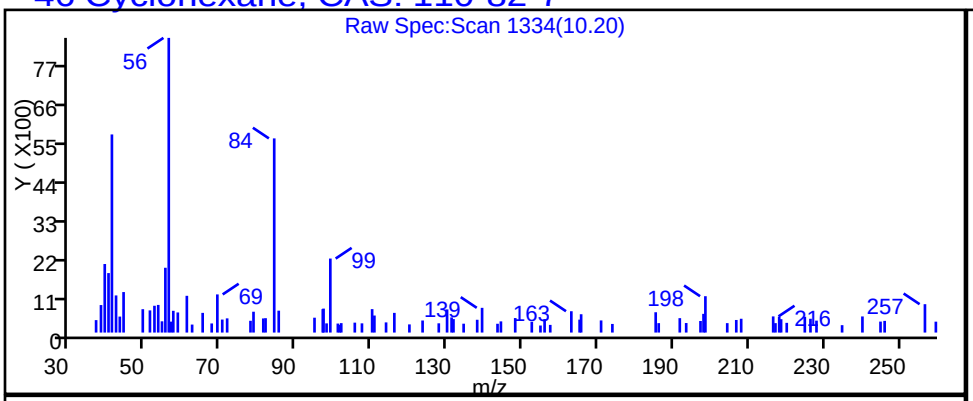


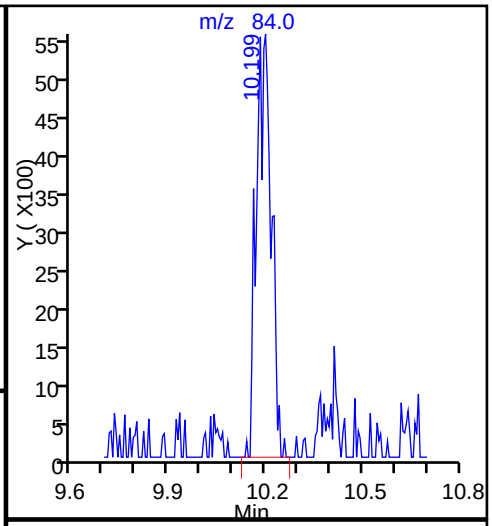


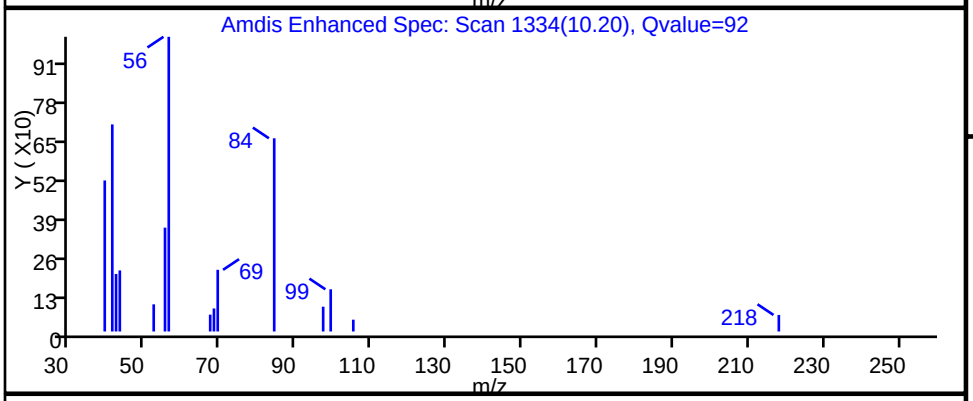
TestAmerica Burlington

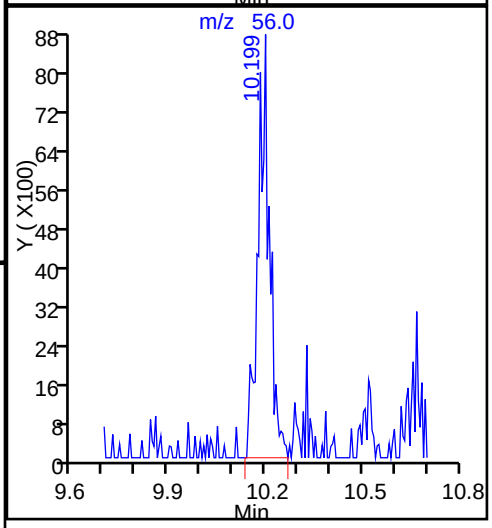
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

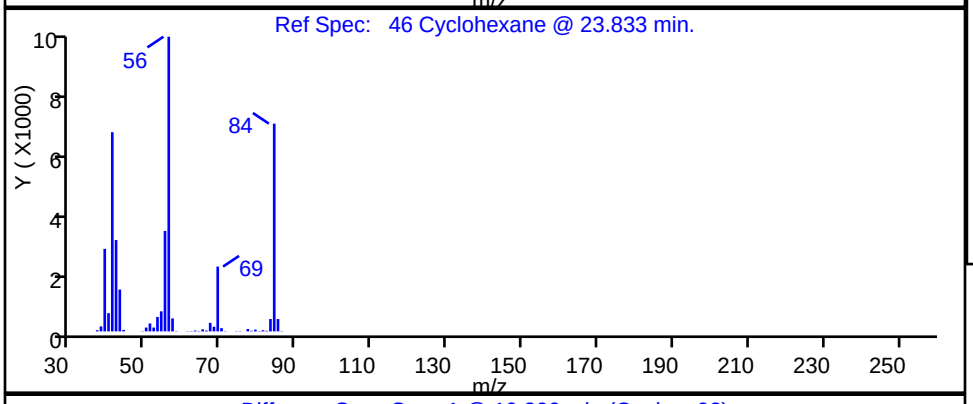
46 Cyclohexane, CAS: 110-82-7

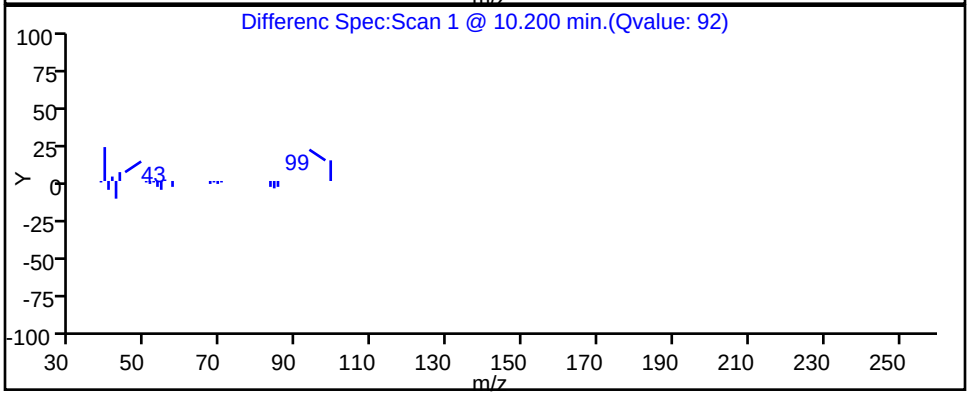












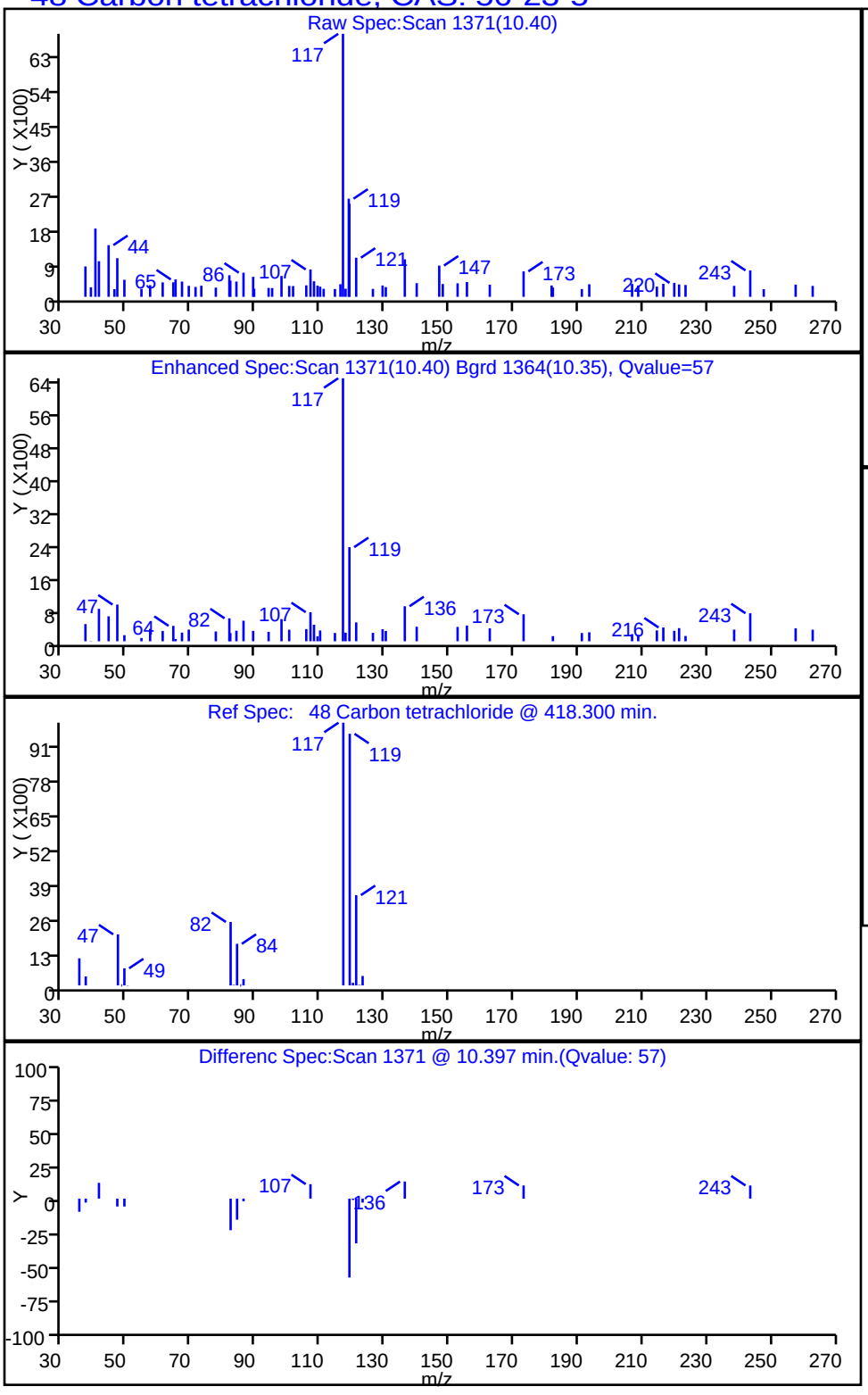
Report Date: 02-Feb-2015 08:44:34 Chrom Revision: 2.2 15-Jan-2015 13:05:58

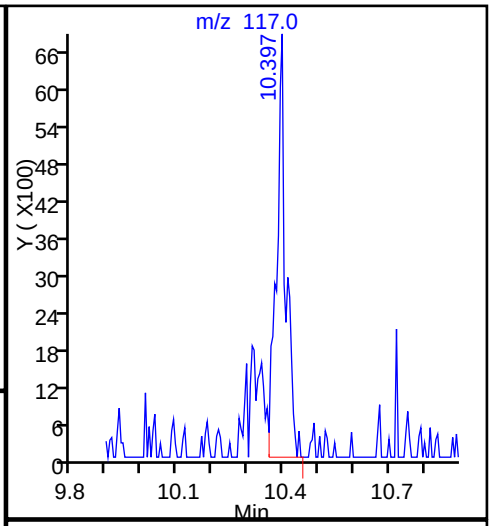
TestAmerica Burlington

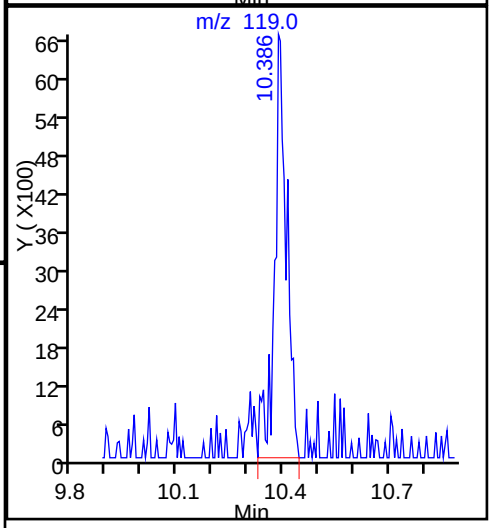
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D

Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 Carbon tetrachloride, CAS: 56-23-5



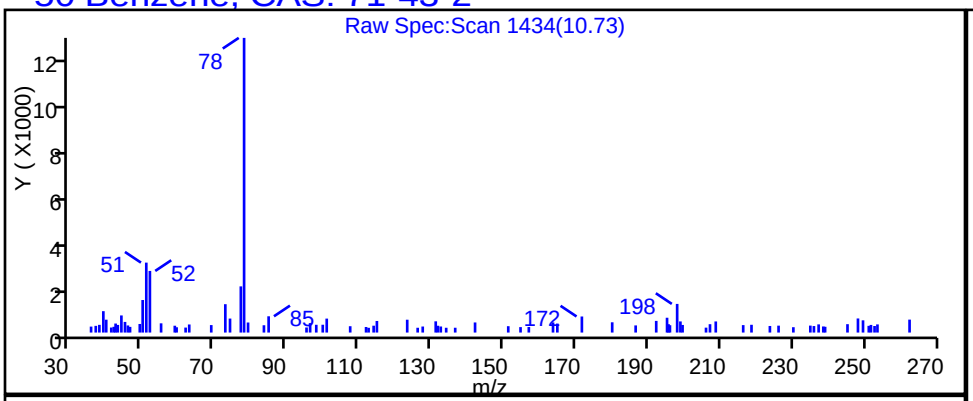


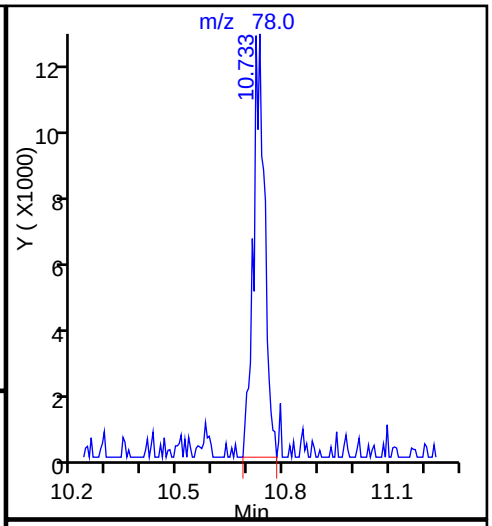


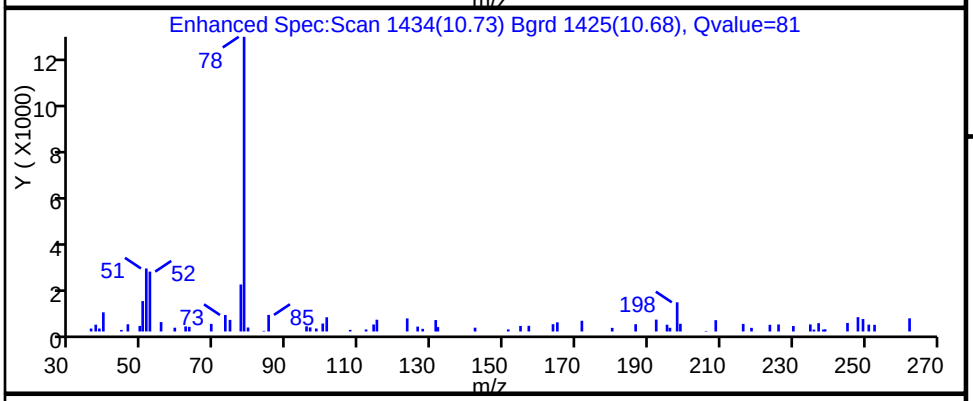
TestAmerica Burlington

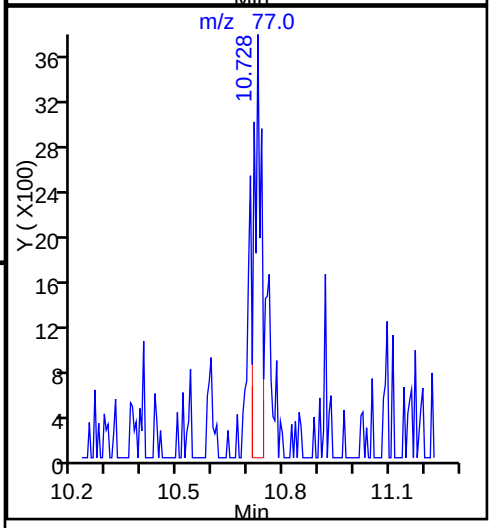
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

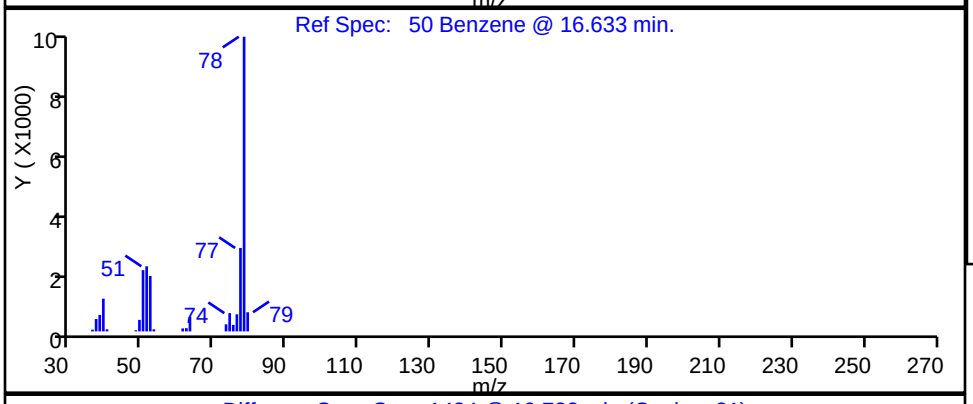
50 Benzene, CAS: 71-43-2

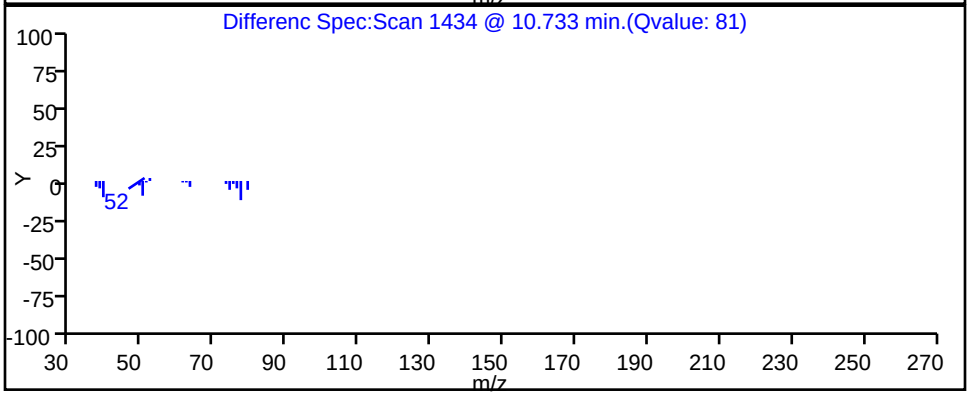








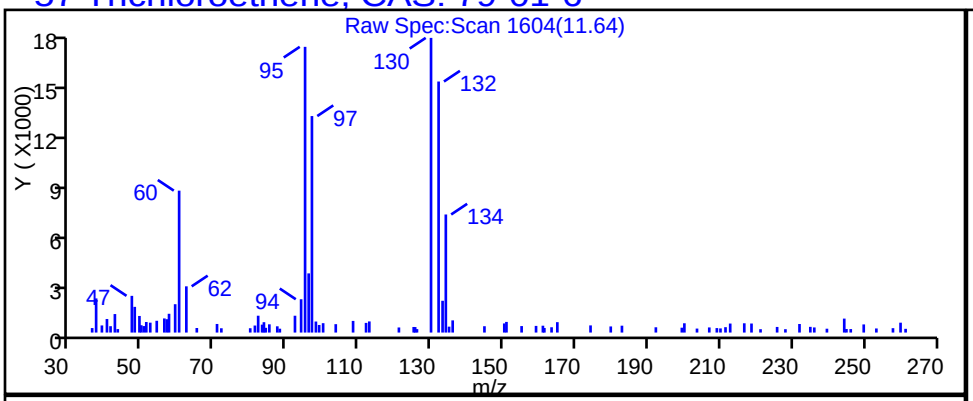


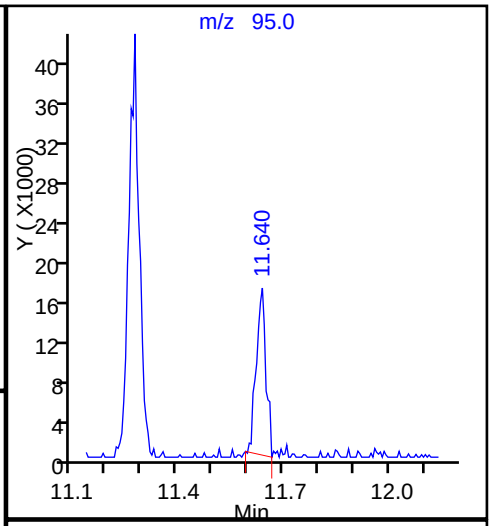


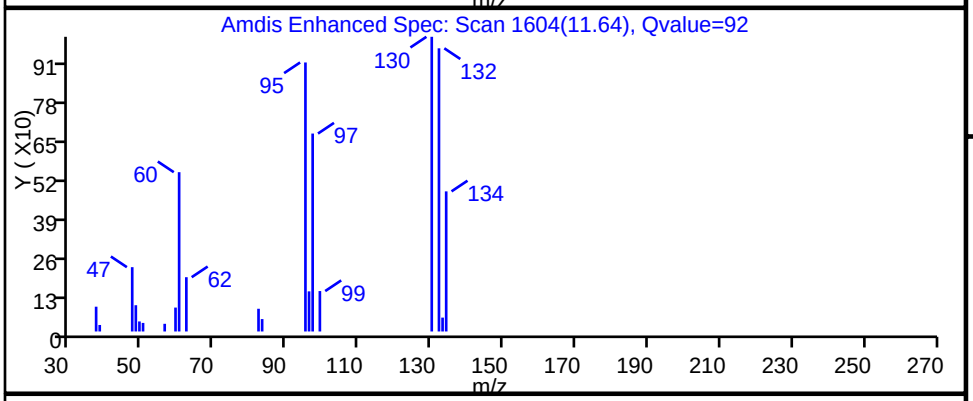
TestAmerica Burlington

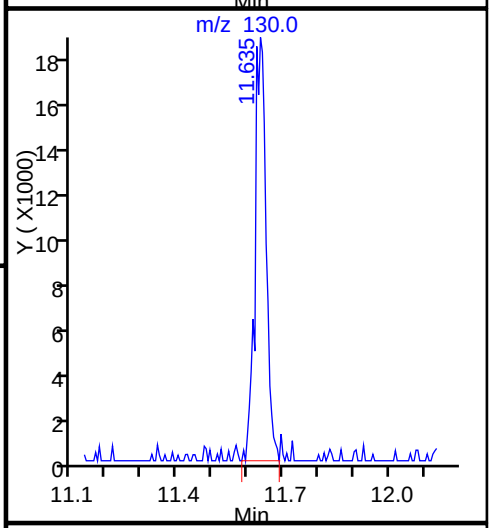
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D		
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17
Client ID:	776VMP0301MA		
Operator ID:	pad	ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

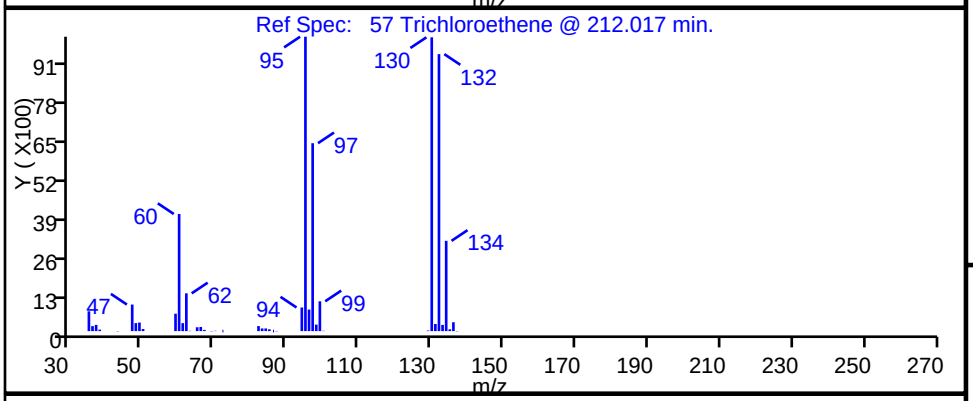
57 Trichloroethene, CAS: 79-01-6

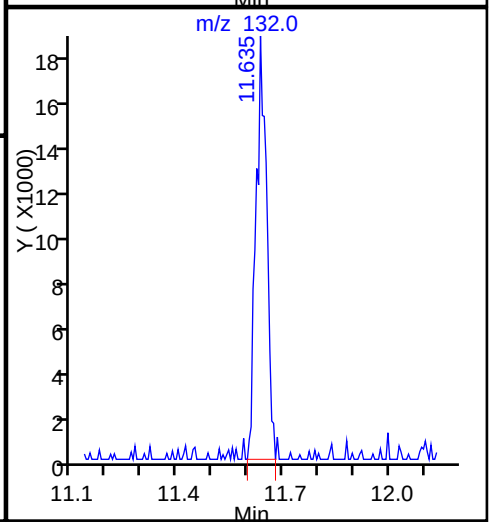


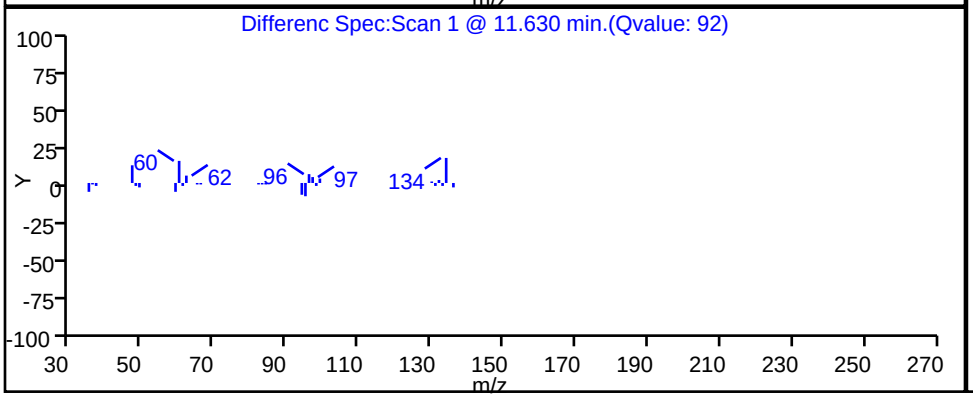










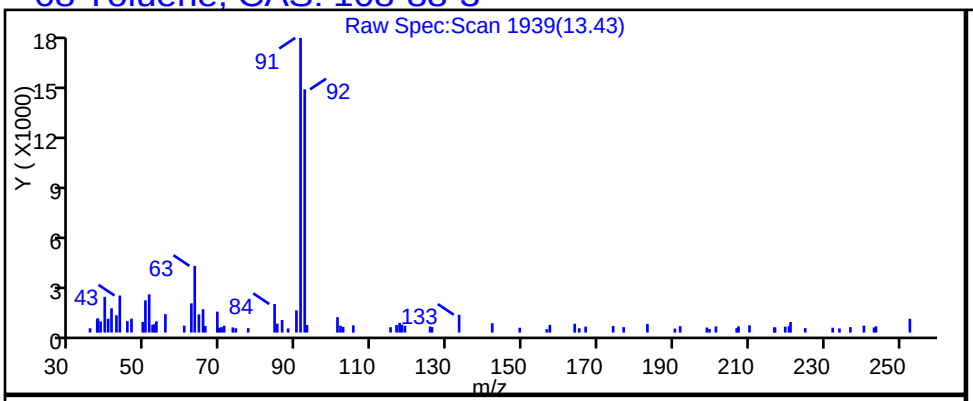


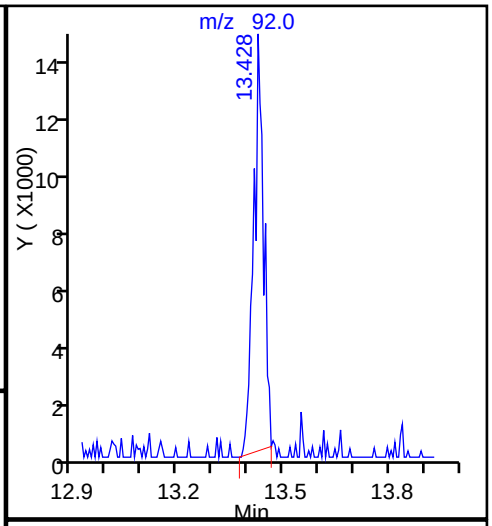
Report Date: 02-Feb-2015 08:44:35 Chrom Revision: 2.2 15-Jan-2015 13:05:58

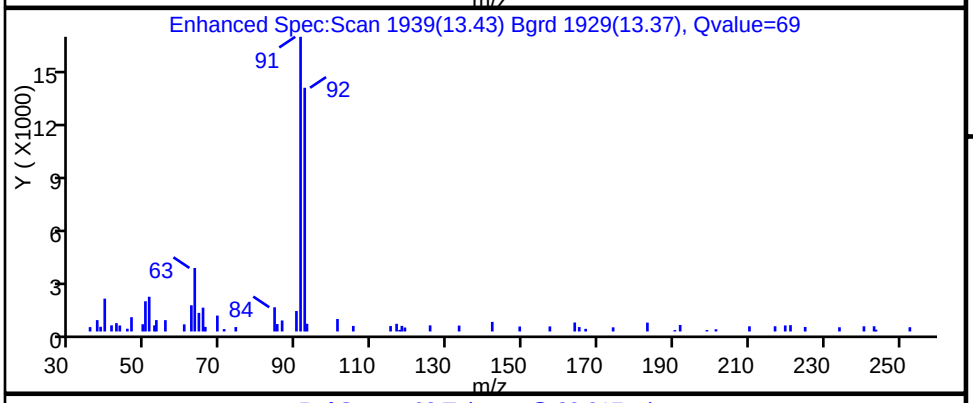
TestAmerica Burlington

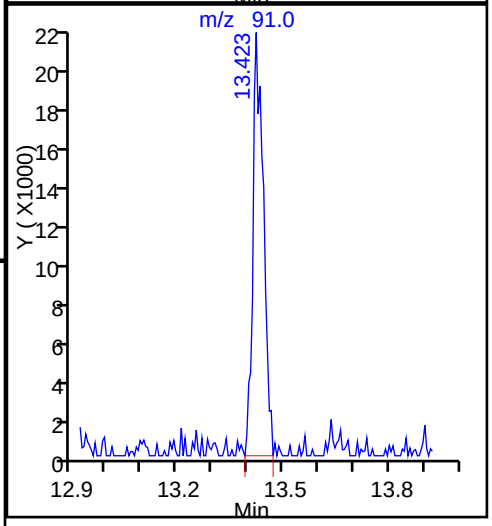
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

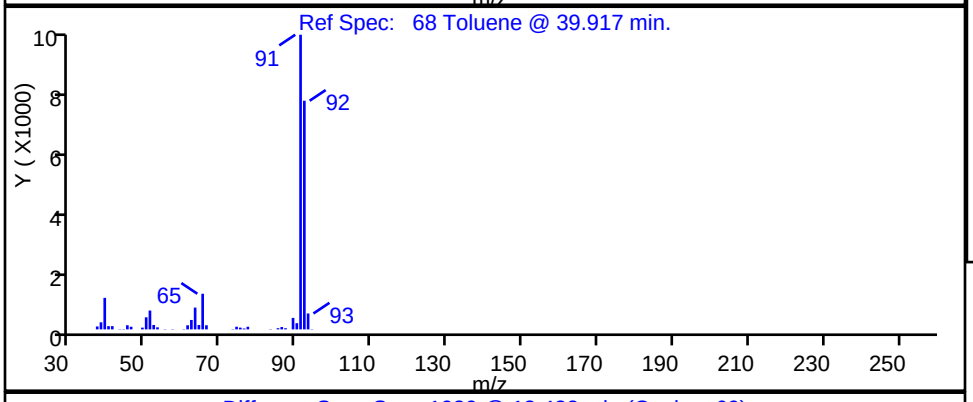
68 Toluene, CAS: 108-88-3

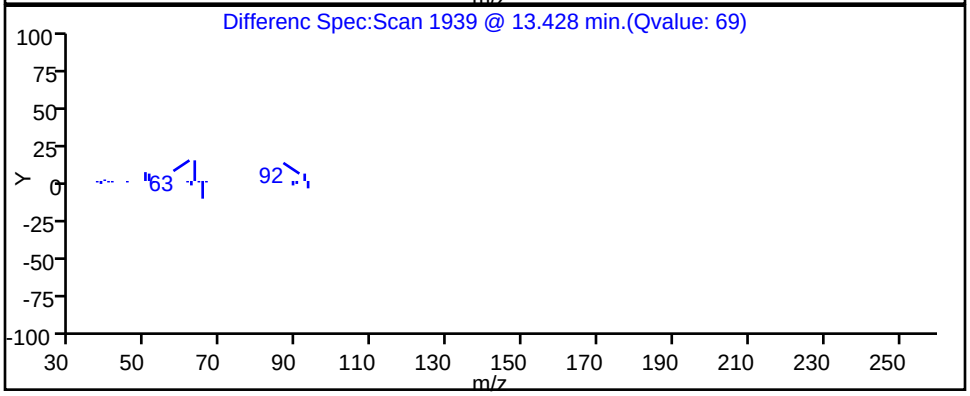








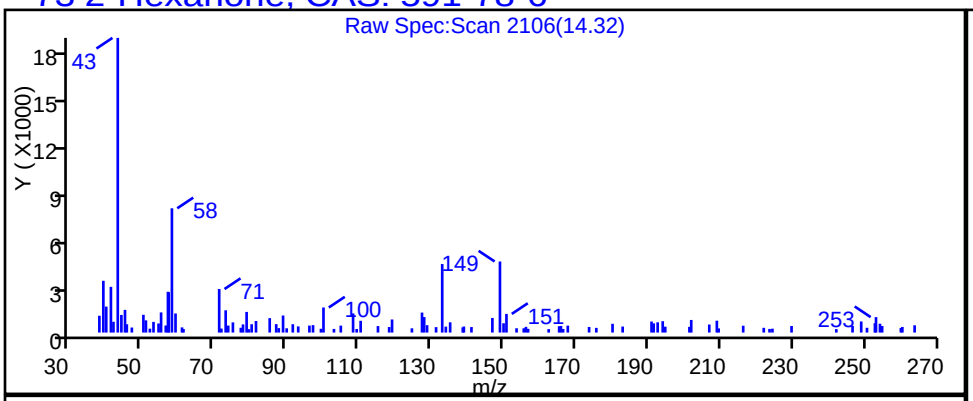


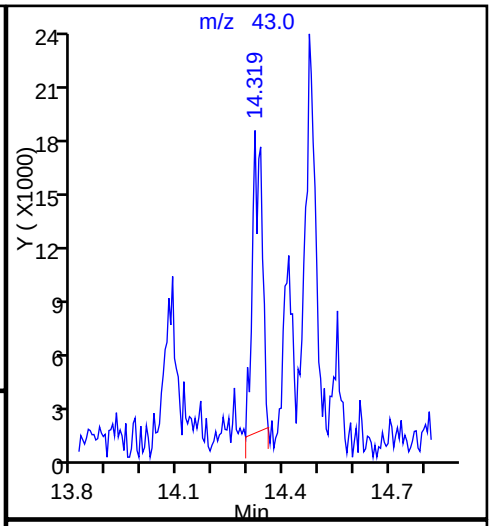


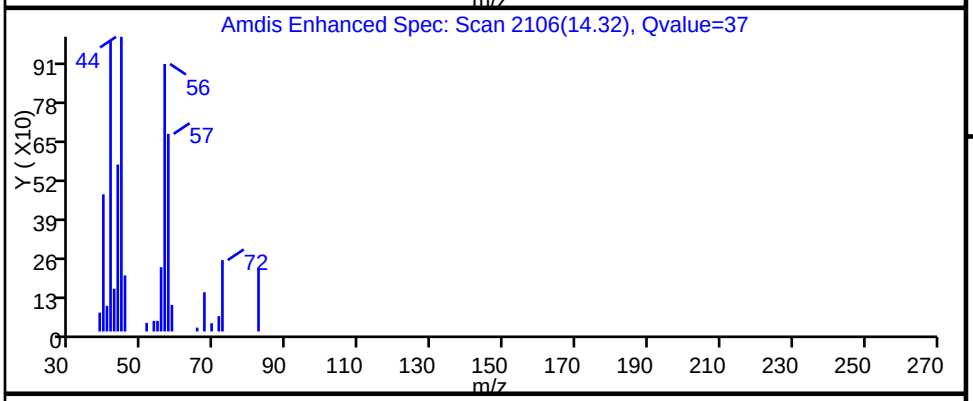
TestAmerica Burlington

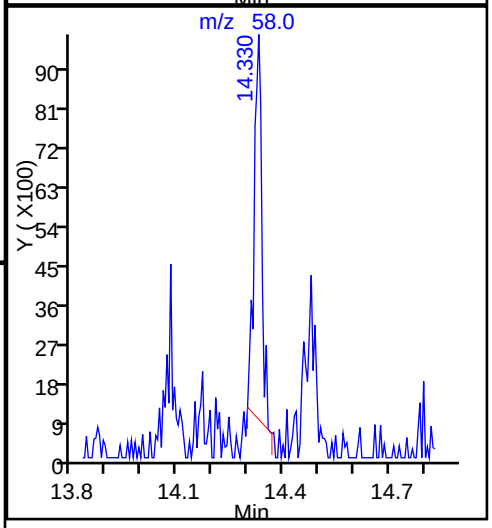
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

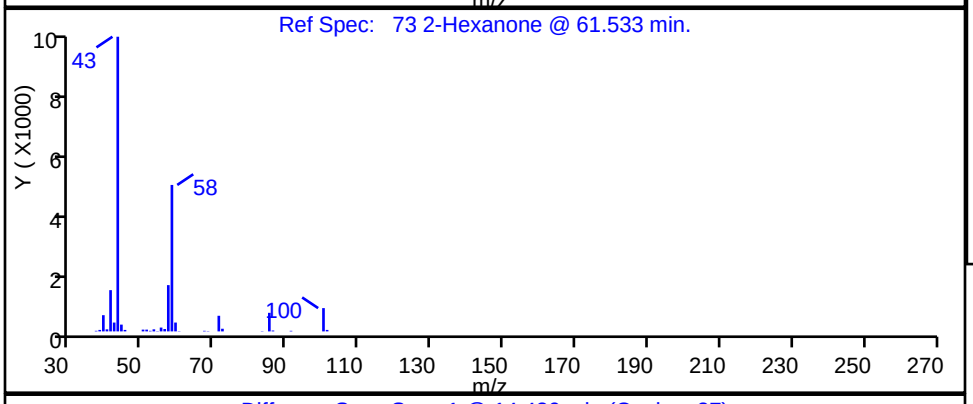
73 2-Hexanone, CAS: 591-78-6

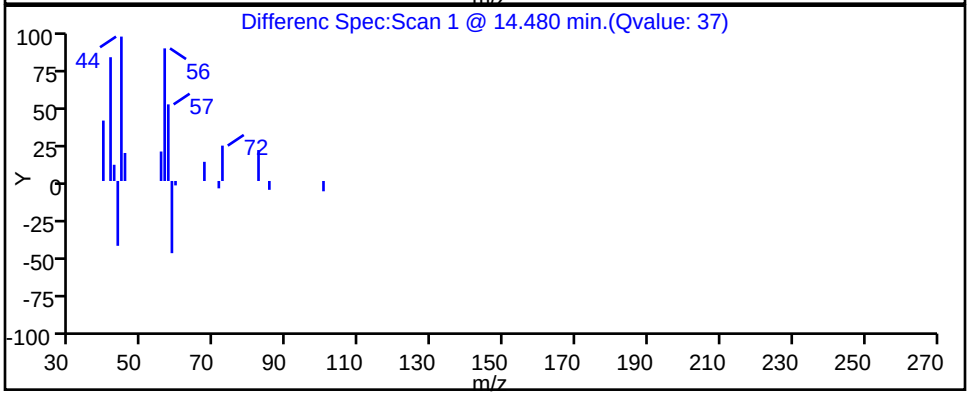












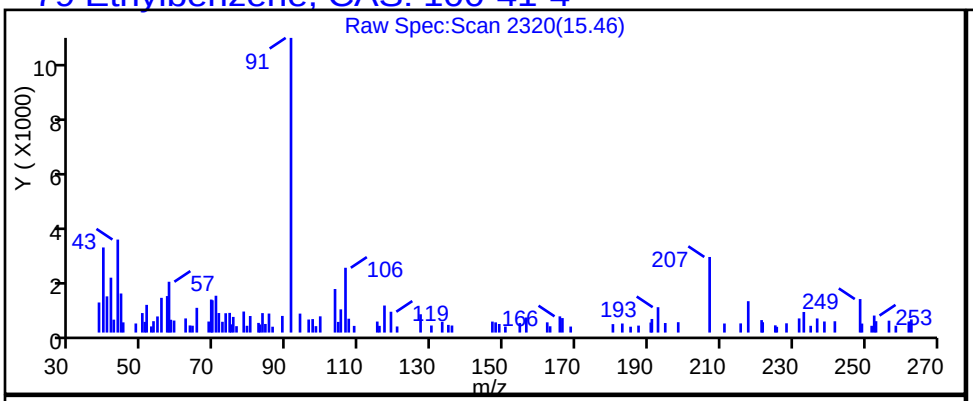
Report Date: 02-Feb-2015 08:44:35 Chrom Revision: 2.2 15-Jan-2015 13:05:58

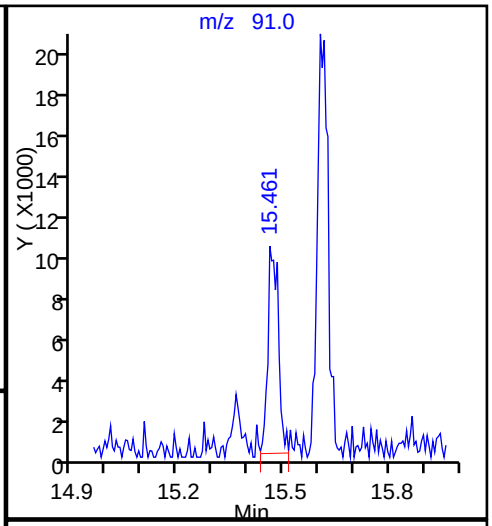
TestAmerica Burlington

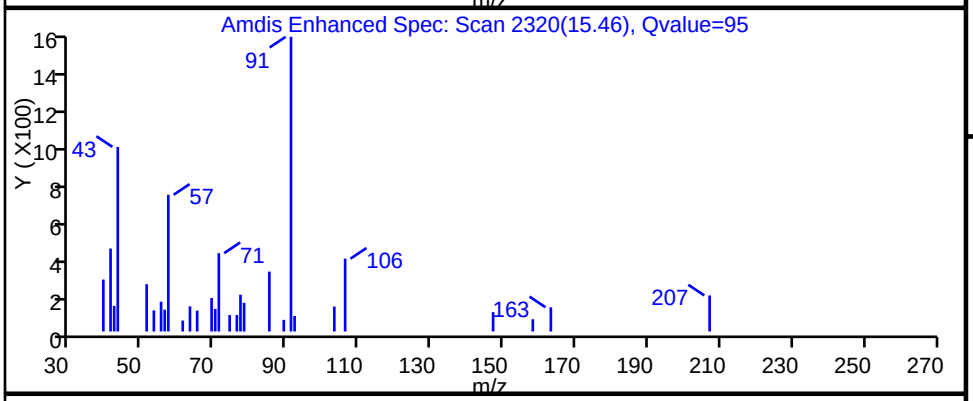
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D

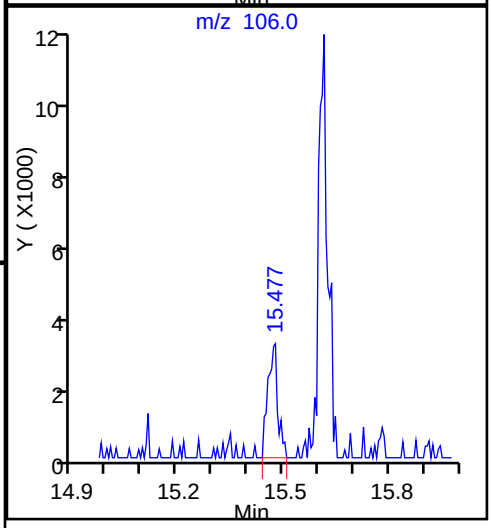
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

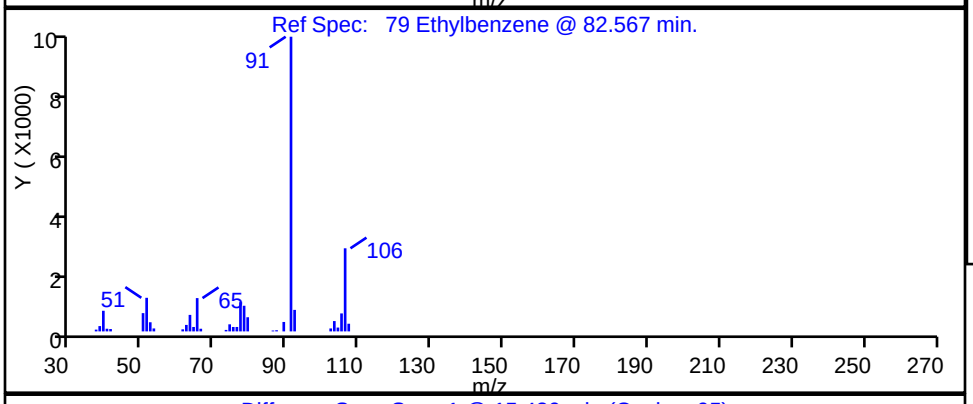
79 Ethylbenzene, CAS: 100-41-4

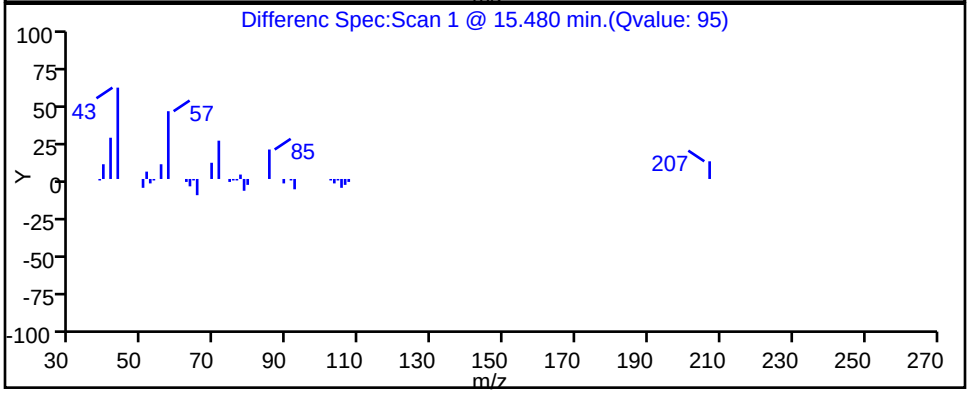












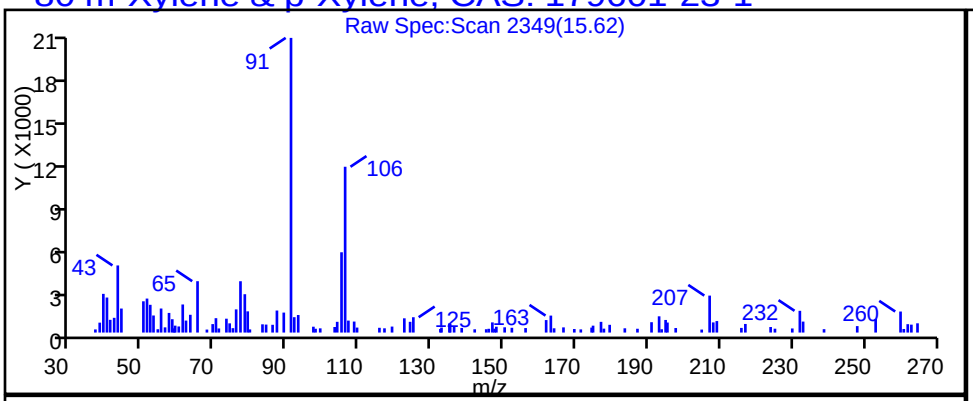
Report Date: 02-Feb-2015 08:44:35 Chrom Revision: 2.2 15-Jan-2015 13:05:58

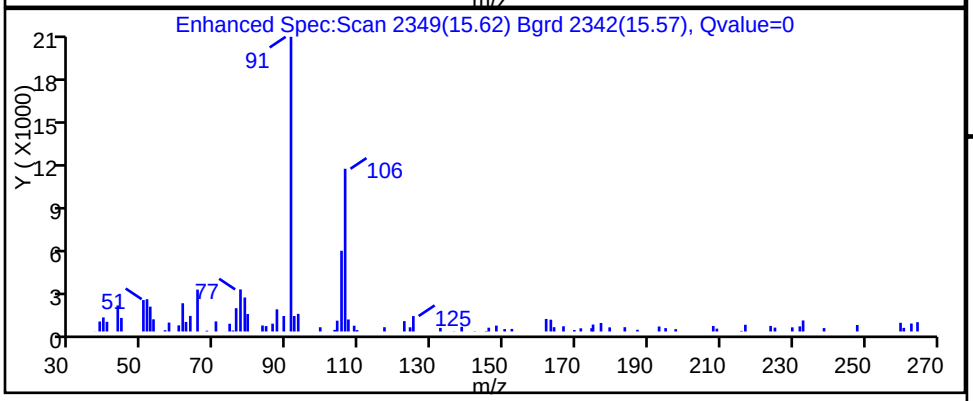
TestAmerica Burlington

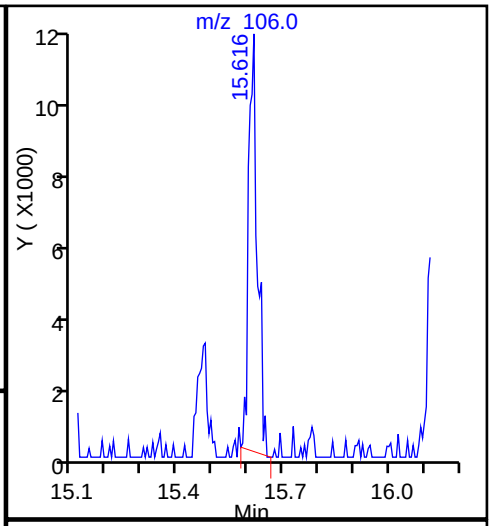
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D

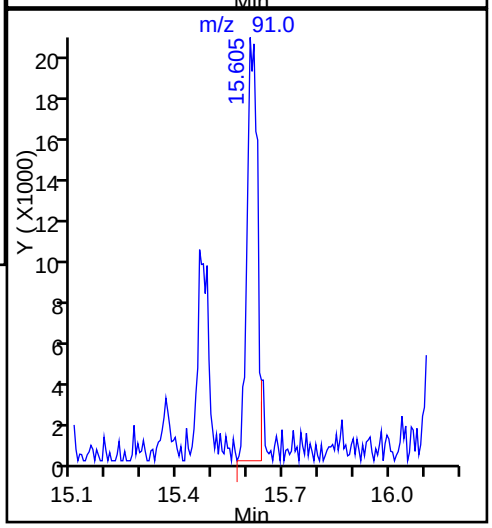
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 m-Xylene & p-Xylene, CAS: 179601-23-1





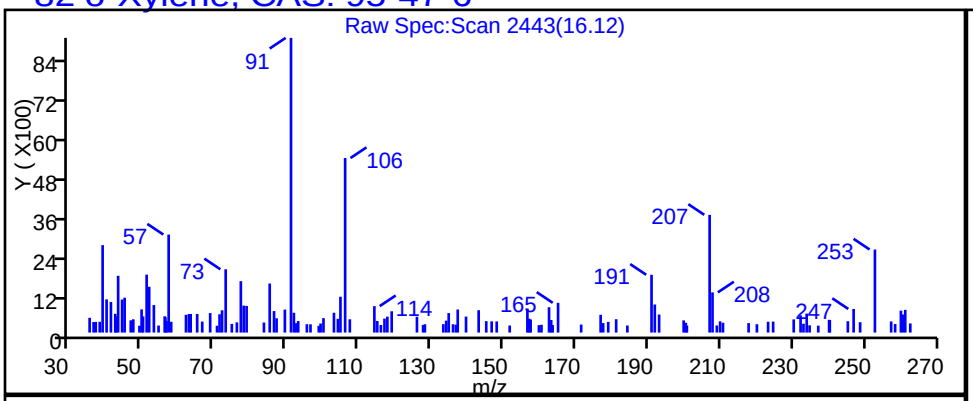


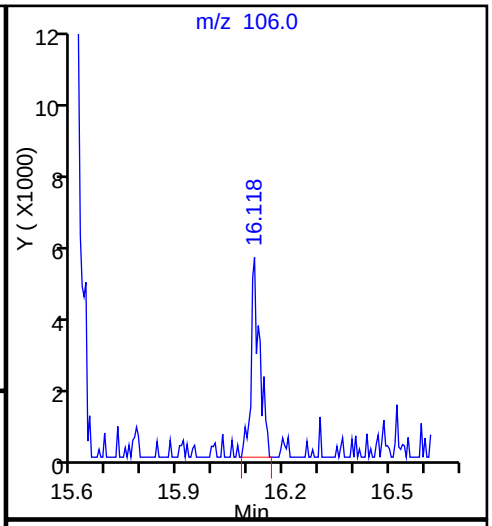


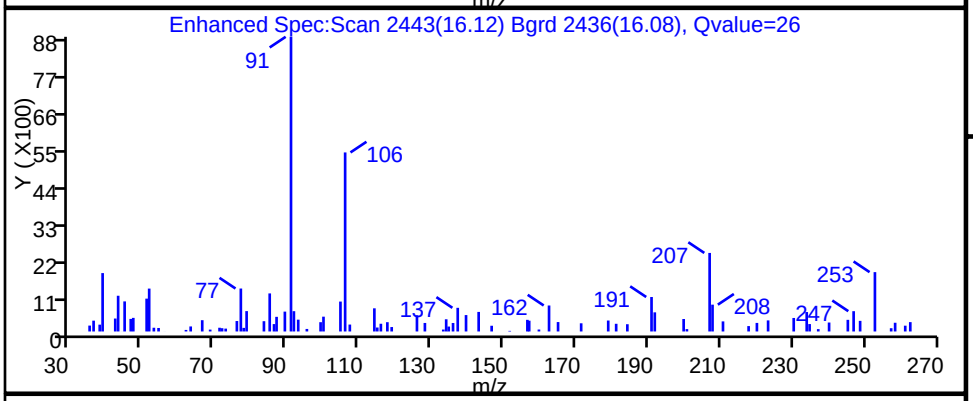
TestAmerica Burlington

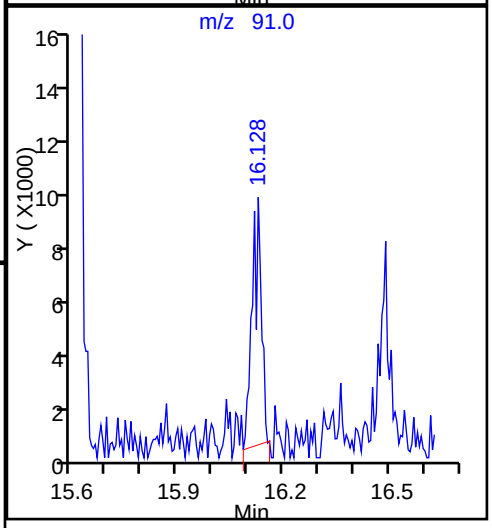
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D		
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17
Client ID:	776VMP0301MA		
Operator ID:	pad	ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

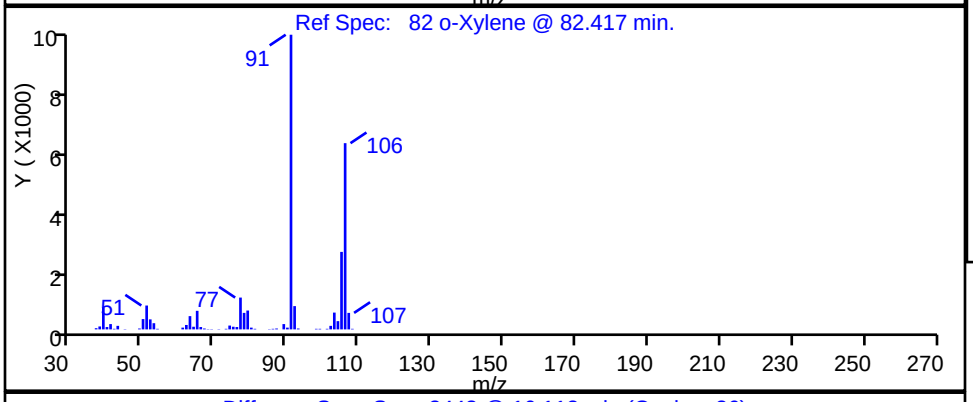
82 o-Xylene, CAS: 95-47-6

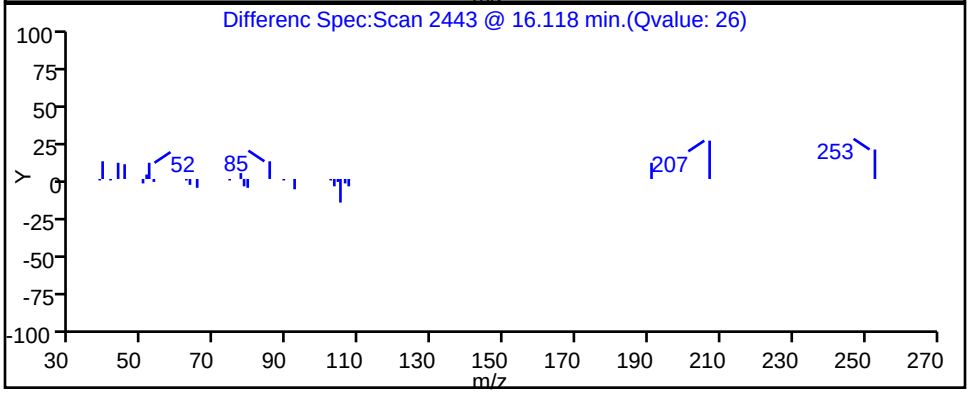








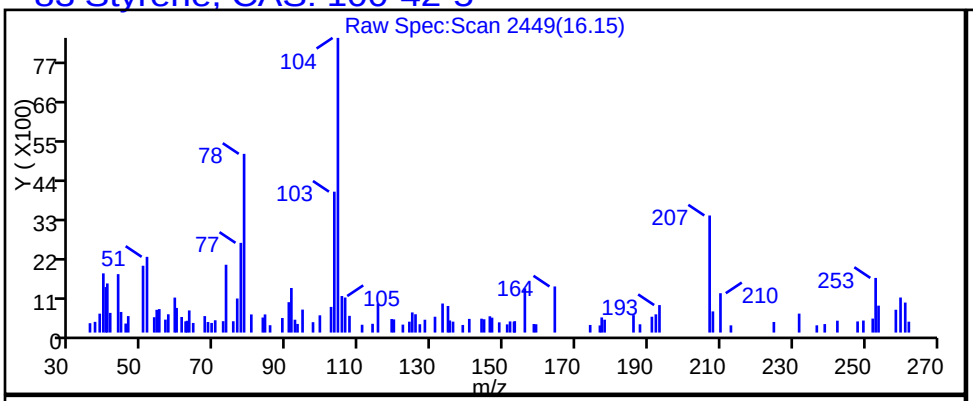


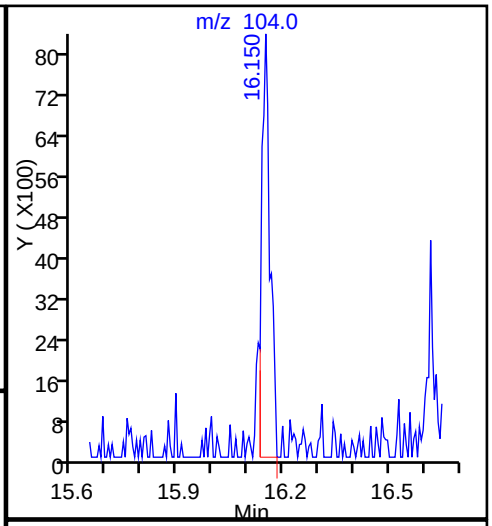


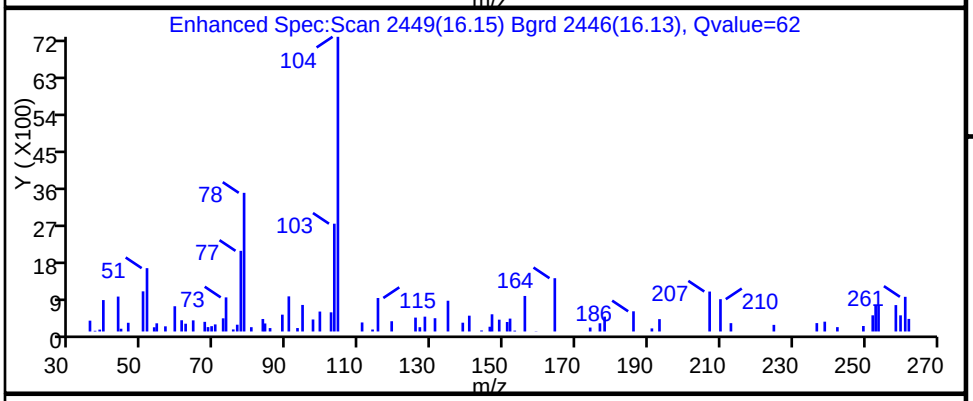
TestAmerica Burlington

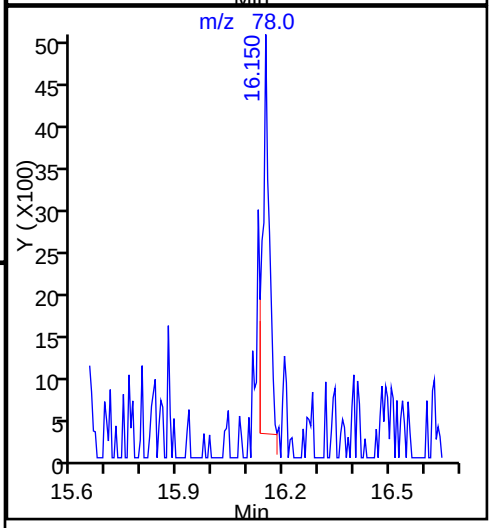
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

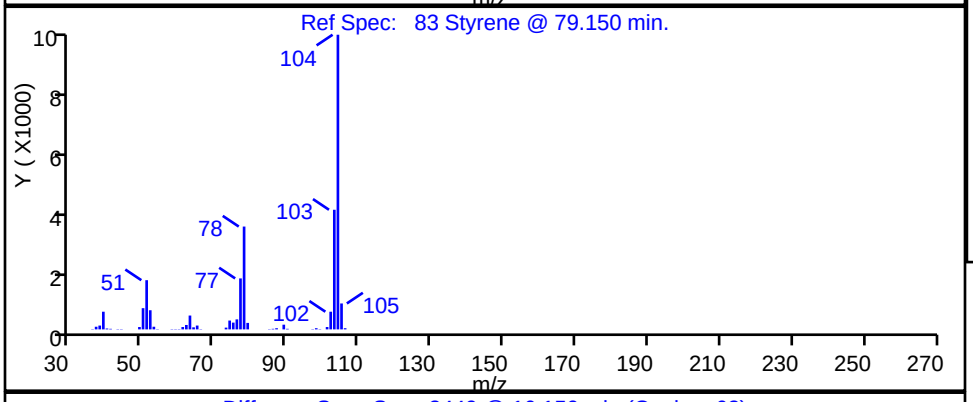
83 Styrene, CAS: 100-42-5

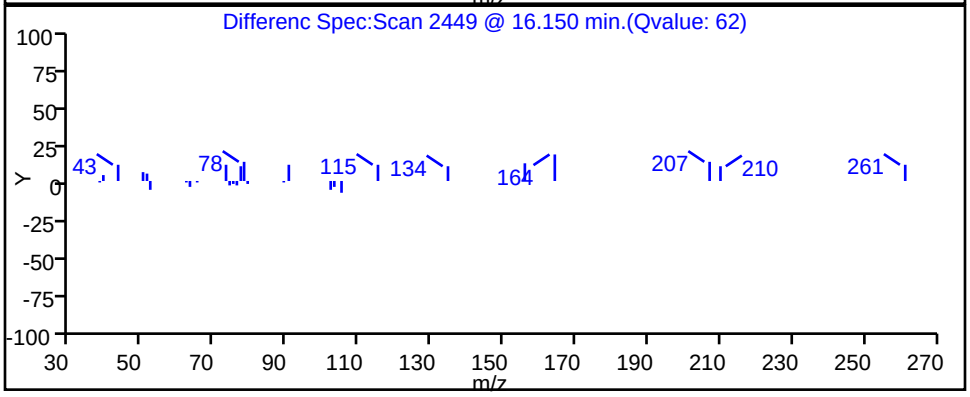








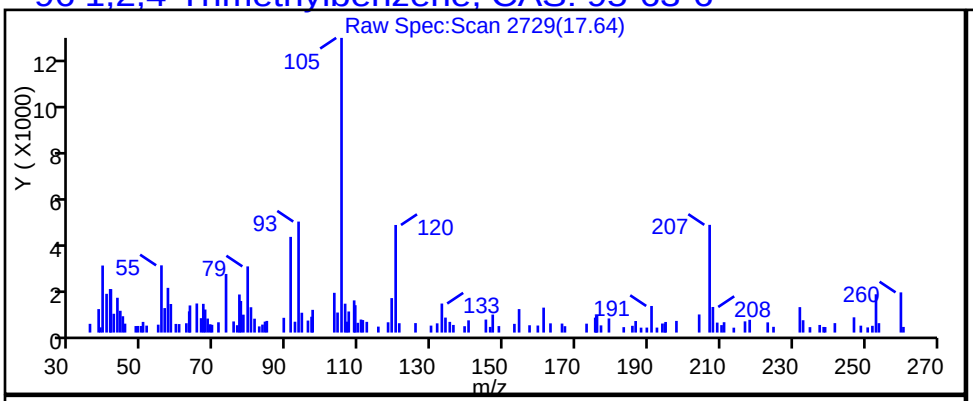


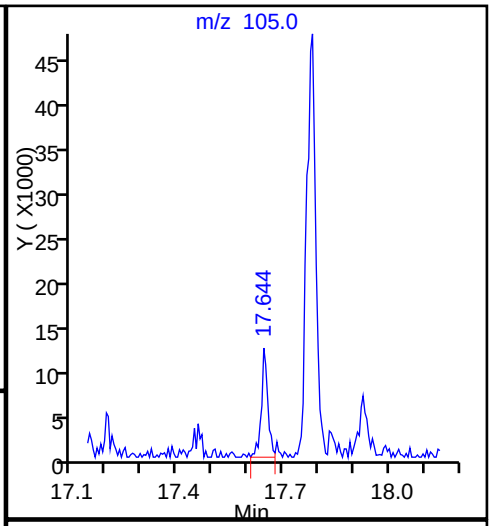


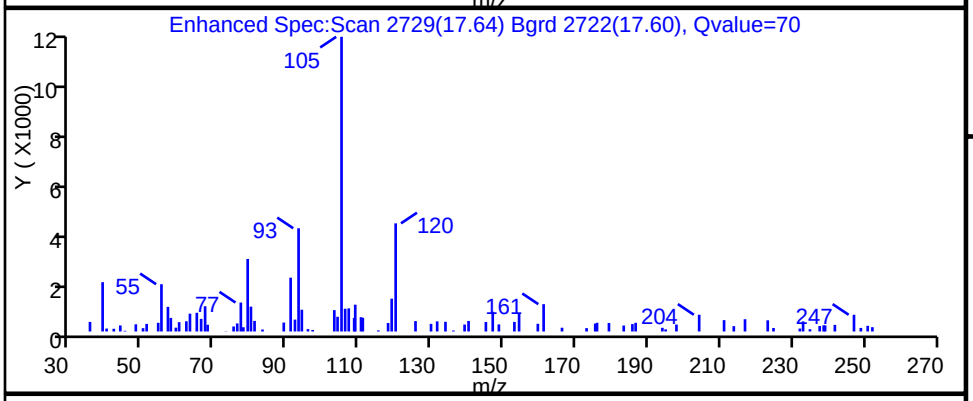
TestAmerica Burlington

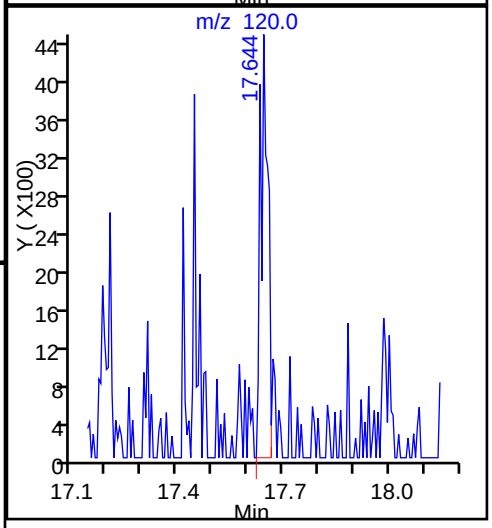
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

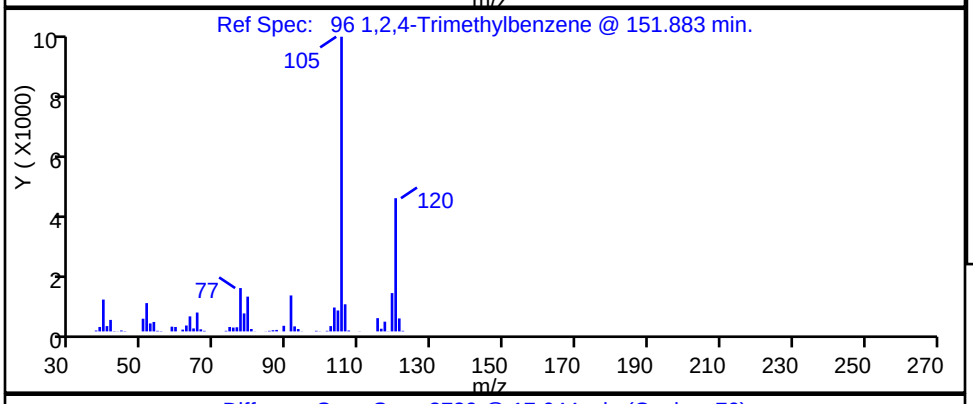
96 1,2,4-Trimethylbenzene, CAS: 95-63-6

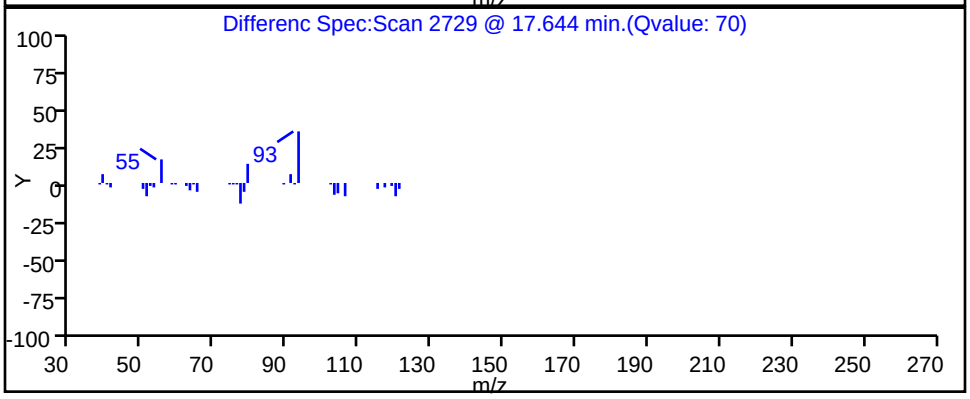












Manual Integration/User Assign Peak Report

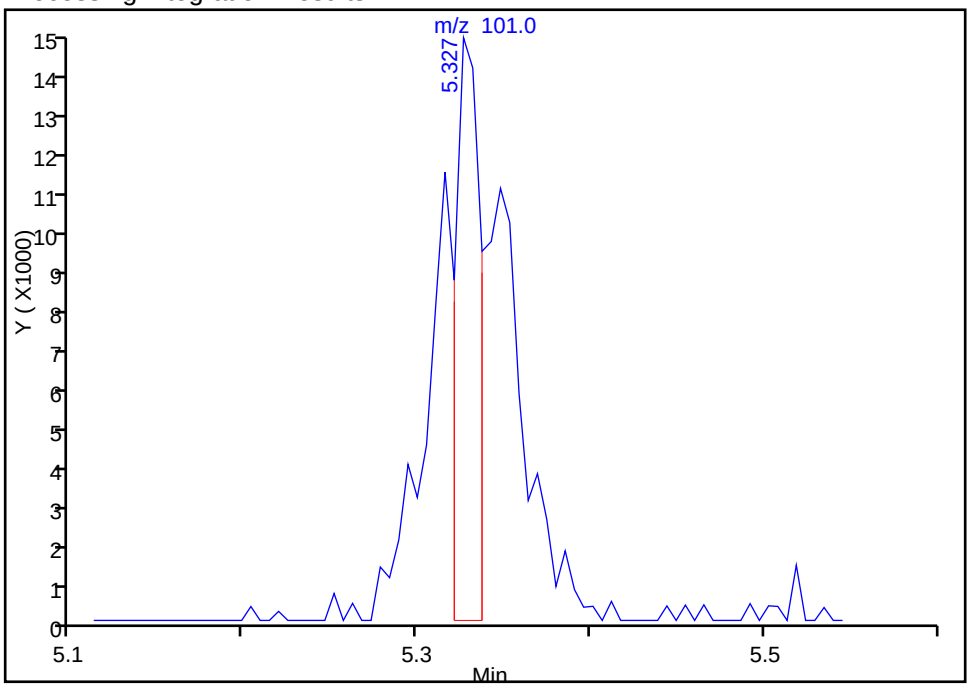
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

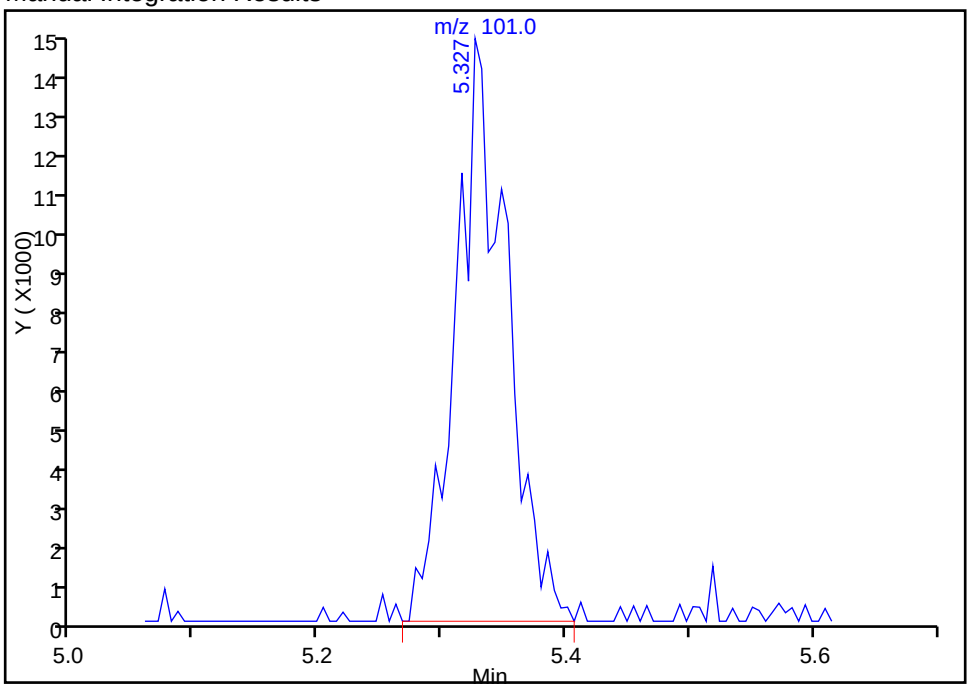
Processing Integration Results

RT: 5.33
Area: 14479
Amount: 0.084103
Amount Units: ppb v/v



Manual Integration Results

RT: 5.33
Area: 40859
Amount: 0.237334
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

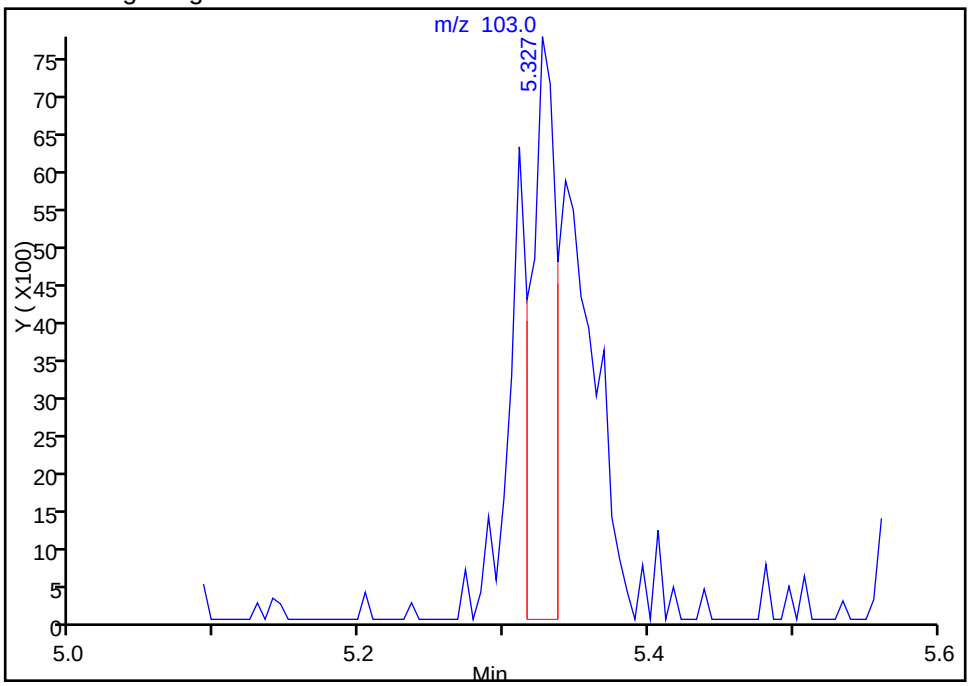
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

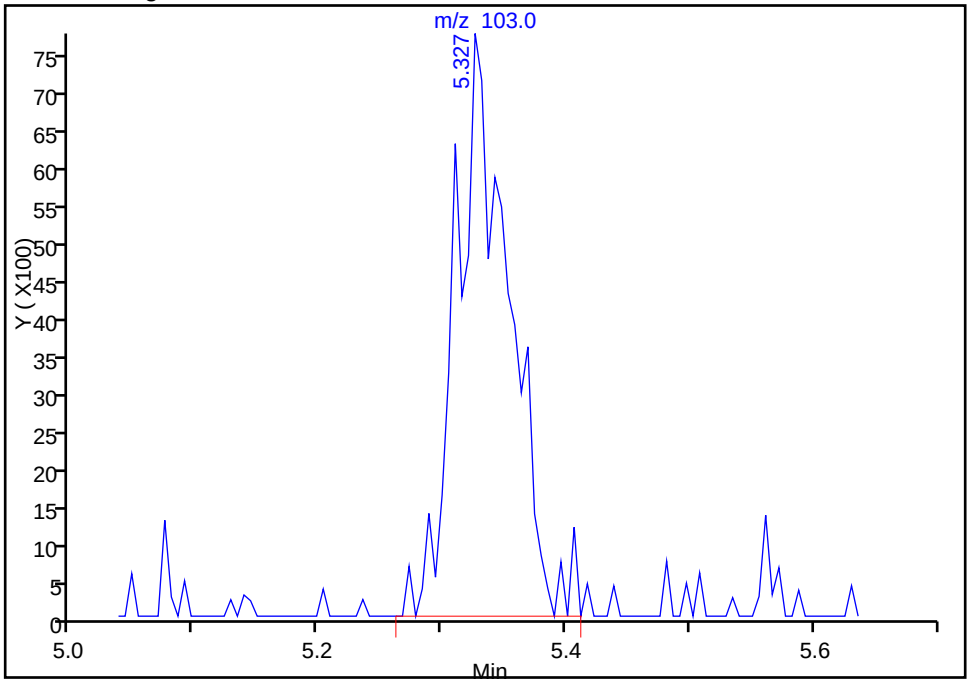
Processing Integration Results

RT: 5.33
Area: 9222
Amount: 0.084103
Amount Units: ppb v/v



Manual Integration Results

RT: 5.33
Area: 23531
Amount: 0.237334
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

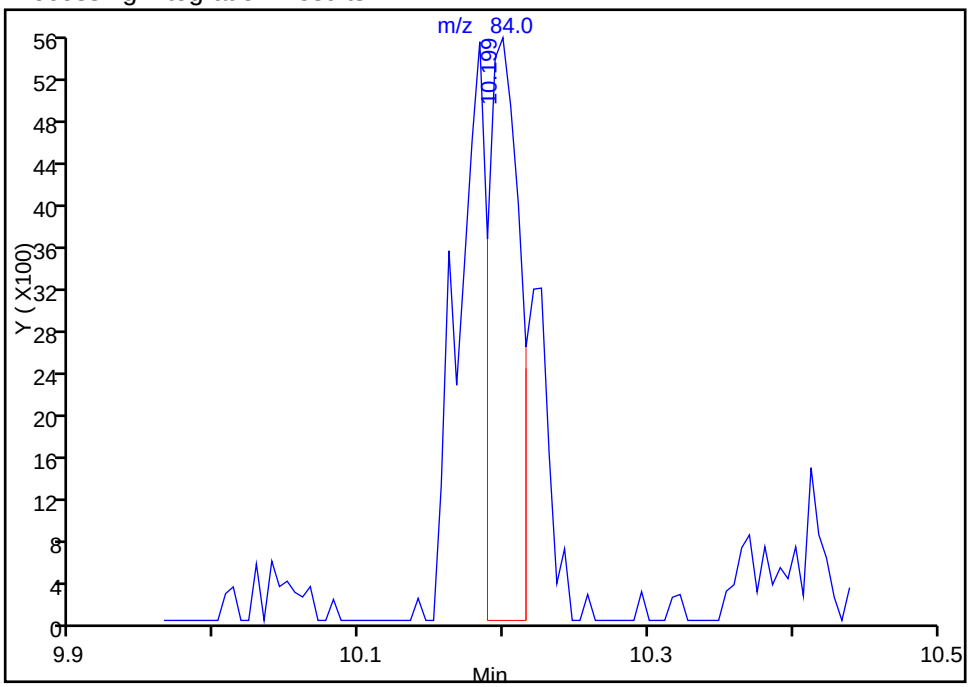
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Cyclohexane, CAS: 110-82-7

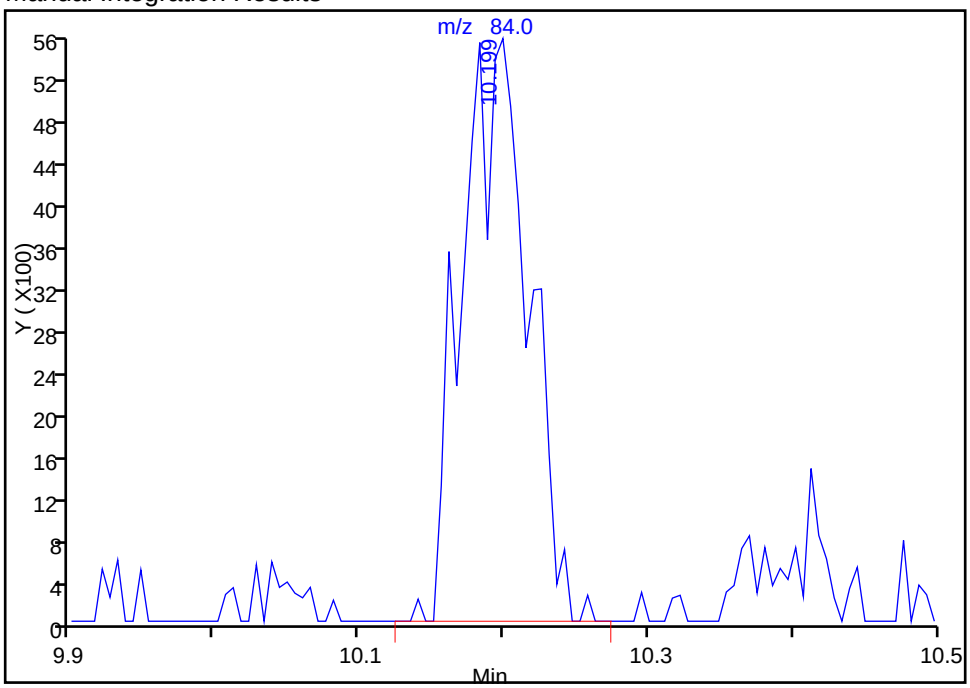
Processing Integration Results

RT: 10.20
Area: 8324
Amount: 0.107479
Amount Units: ppb v/v



Manual Integration Results

RT: 10.20
Area: 17895
Amount: 0.231060
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

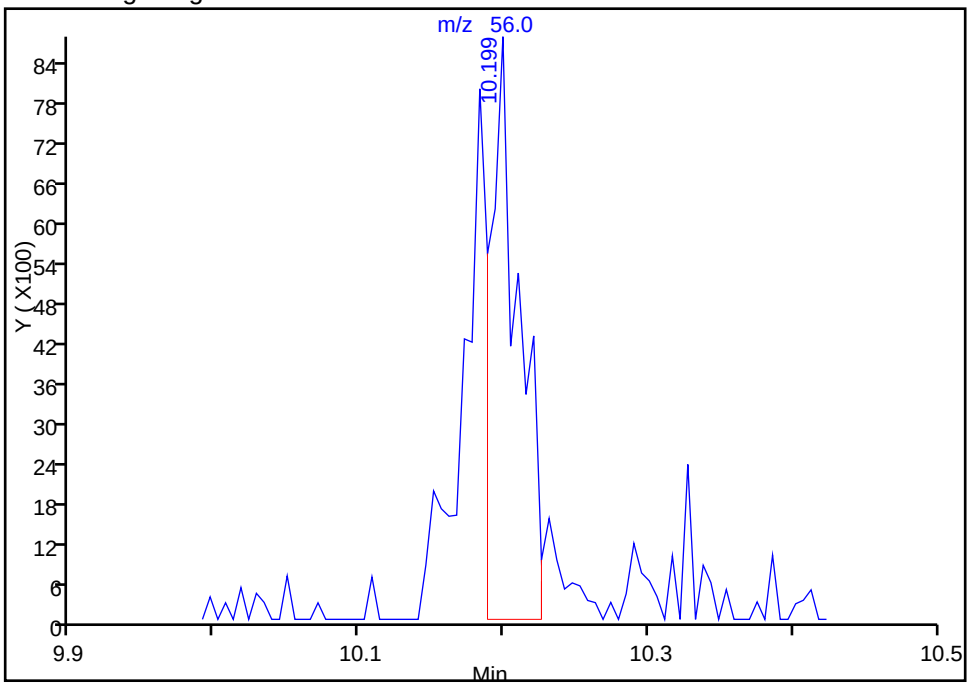
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Cyclohexane, CAS: 110-82-7

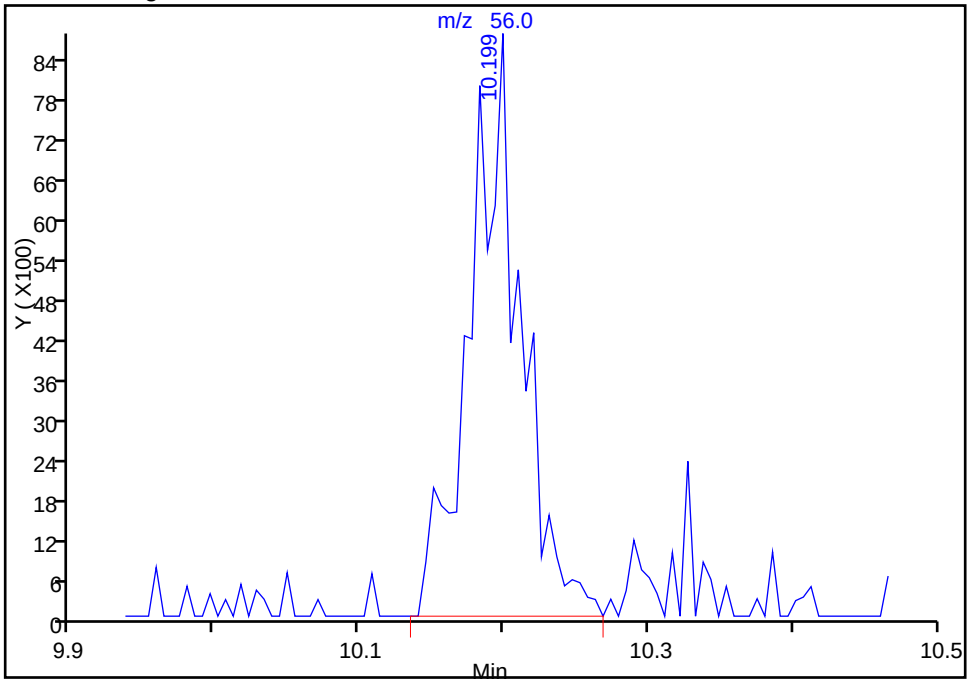
Processing Integration Results

RT: 10.20
Area: 12215
Amount: 0.107479
Amount Units: ppb v/v



Manual Integration Results

RT: 10.20
Area: 21250
Amount: 0.231060
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

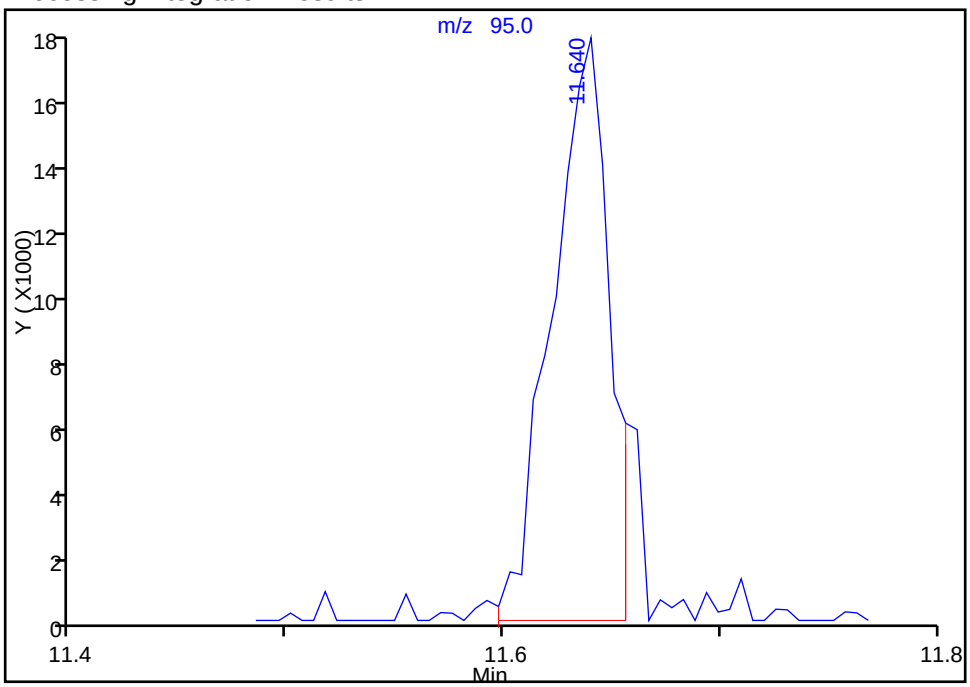
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

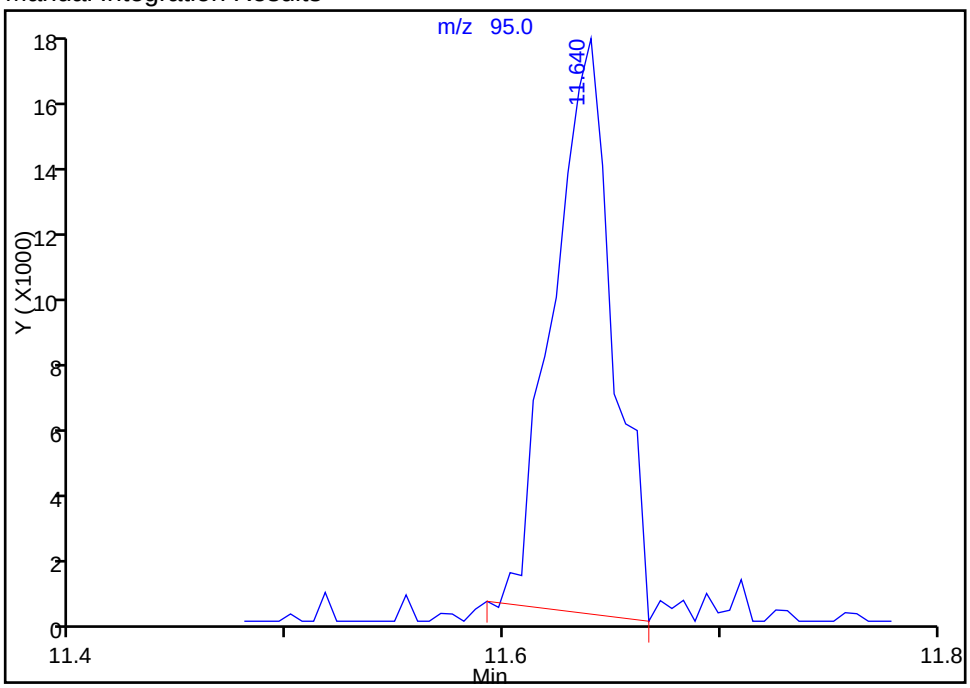
Processing Integration Results

RT: 11.64
Area: 31606
Amount: 0.381631
Amount Units: ppb v/v



Manual Integration Results

RT: 11.64
Area: 32182
Amount: 0.388586
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

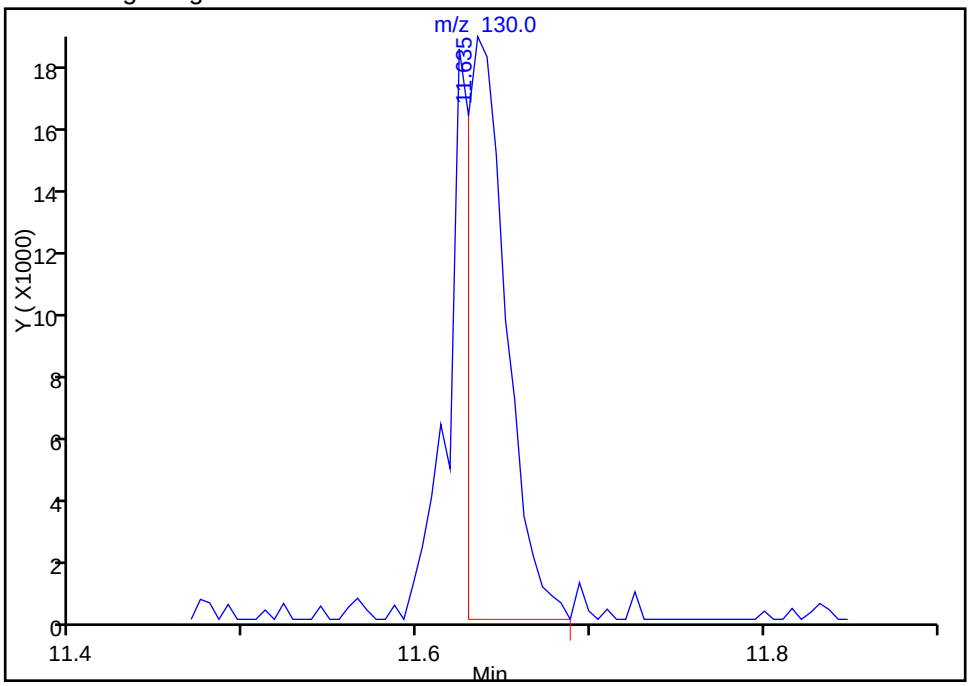
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

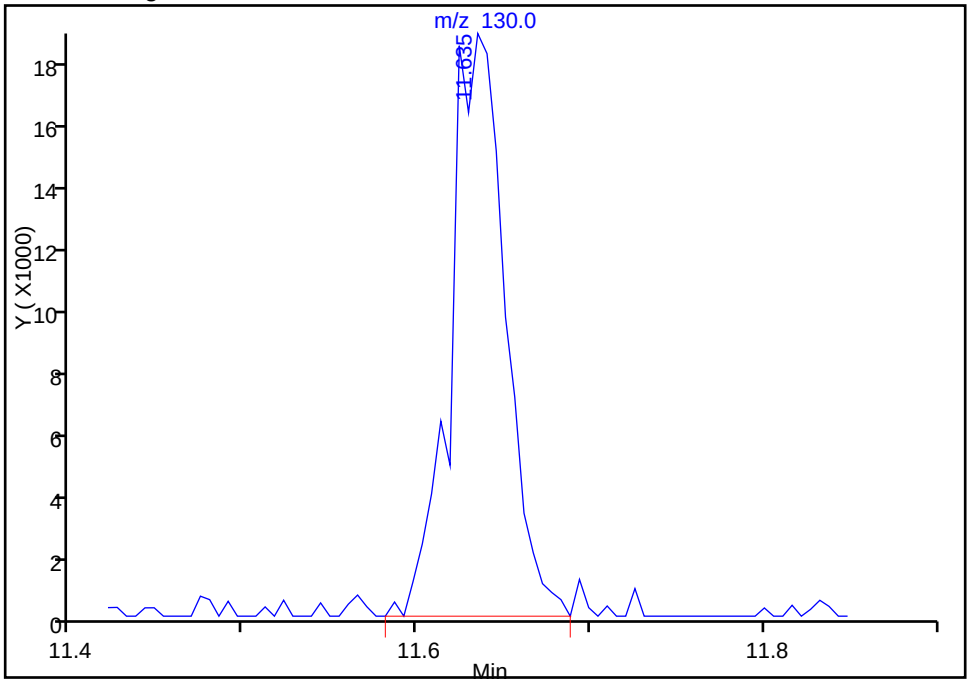
Processing Integration Results

RT: 11.63
Area: 28836
Amount: 0.381631
Amount Units: ppb v/v



Manual Integration Results

RT: 11.63
Area: 40481
Amount: 0.388586
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

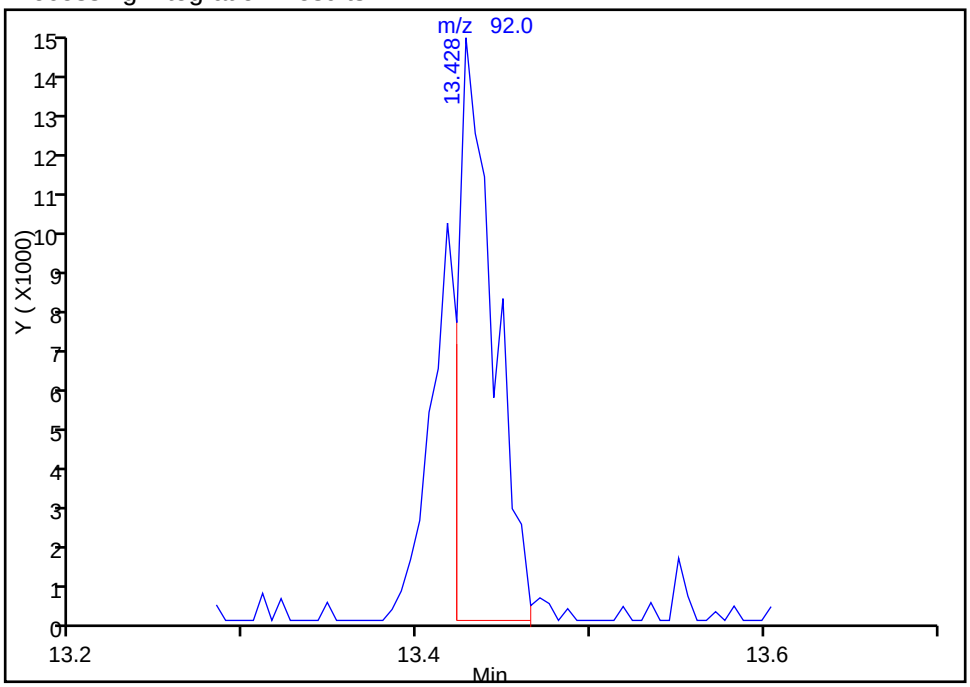
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Toluene, CAS: 108-88-3

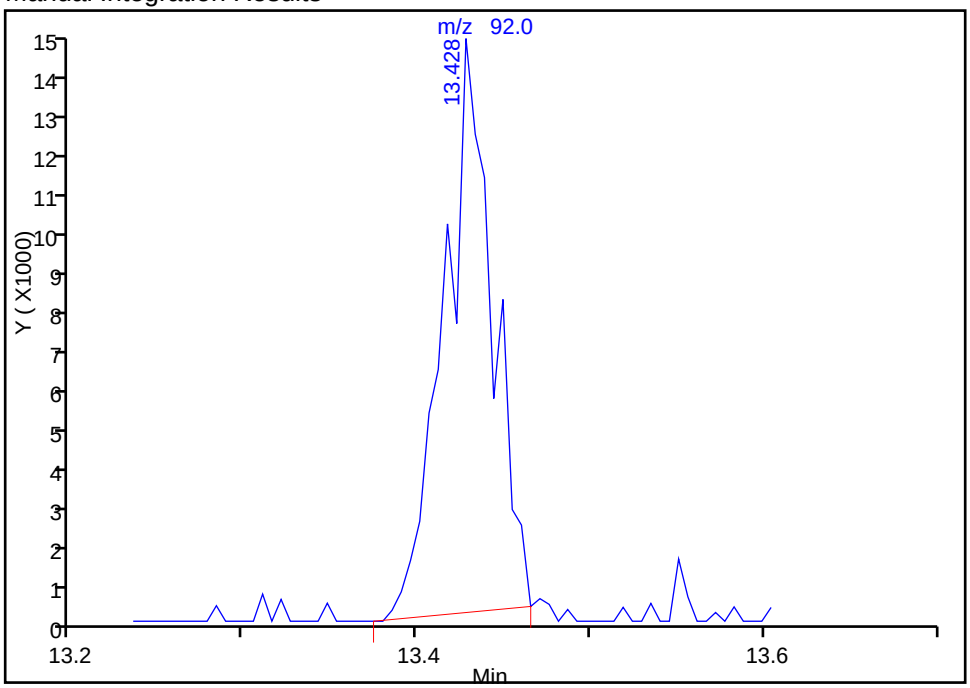
Processing Integration Results

RT: 13.43
Area: 20302
Amount: 0.160622
Amount Units: ppb v/v



Manual Integration Results

RT: 13.43
Area: 27587
Amount: 0.218258
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

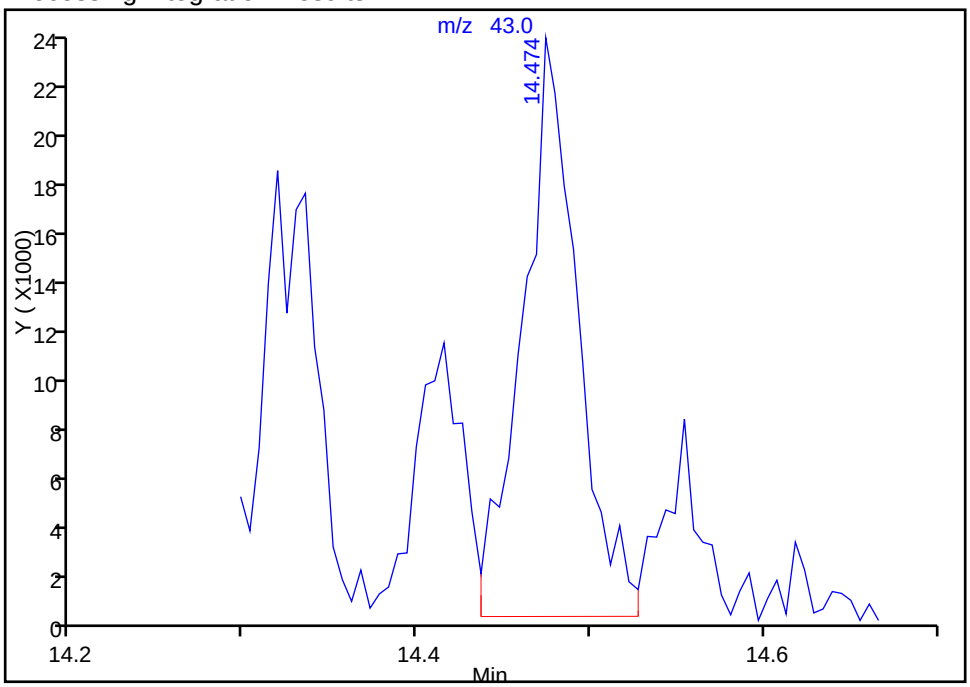
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

73 2-Hexanone, CAS: 591-78-6

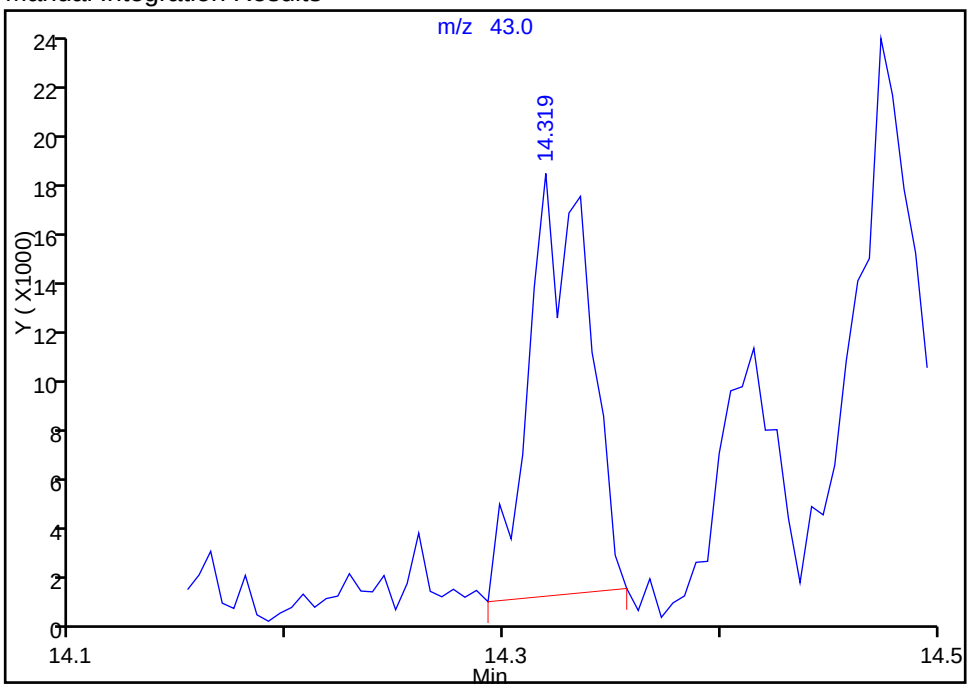
Processing Integration Results

RT: 14.47
Area: 51462
Amount: 0.335893
Amount Units: ppb v/v



Manual Integration Results

RT: 14.32
Area: 32321
Amount: 0.210960
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

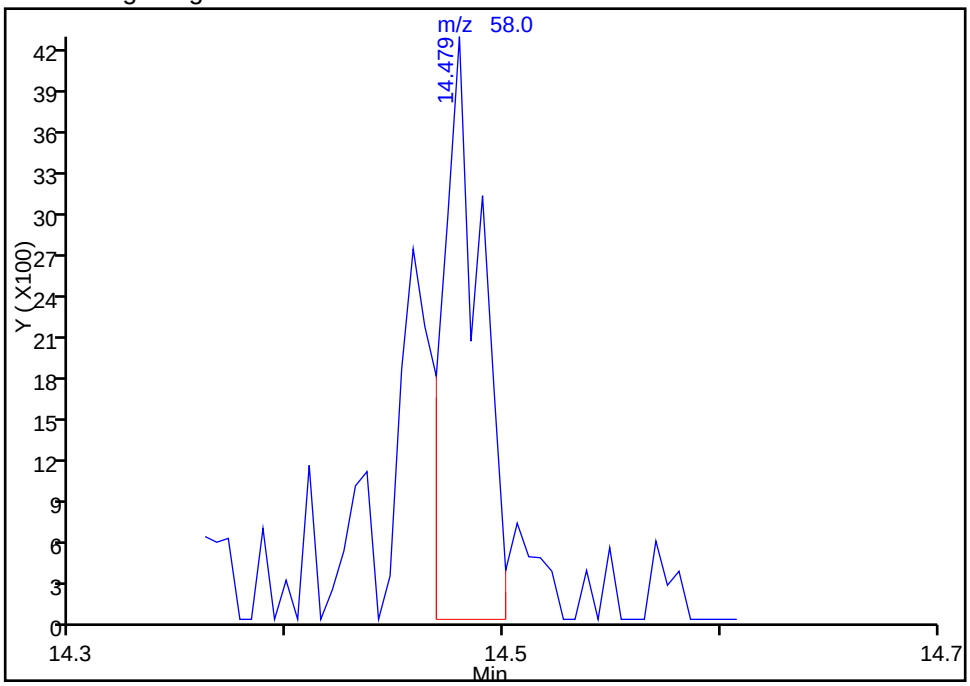
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

73 2-Hexanone, CAS: 591-78-6

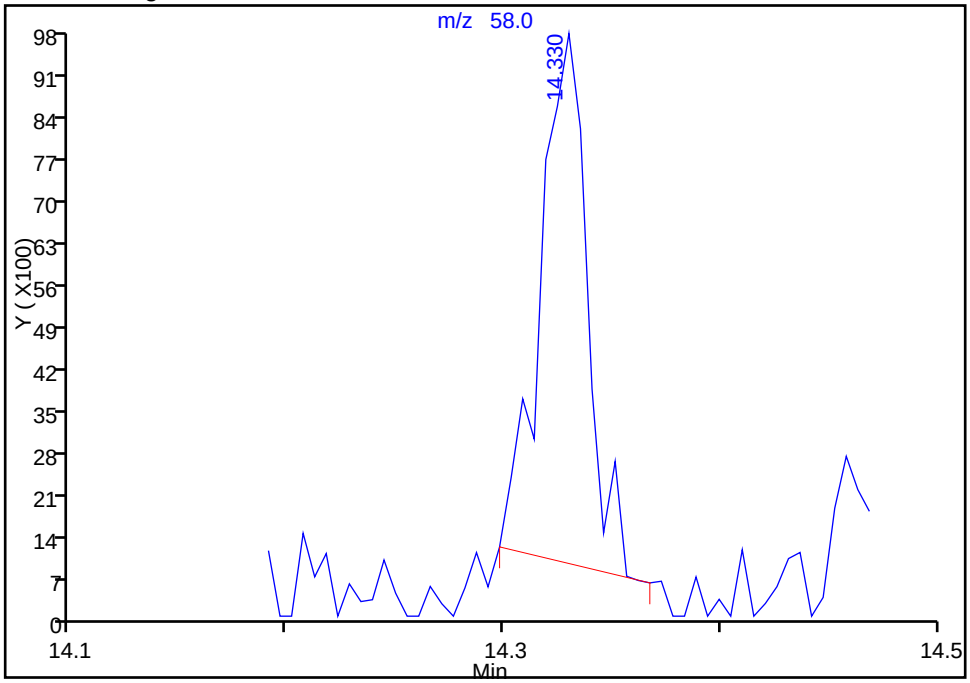
Processing Integration Results

RT: 14.48
Area: 5122
Amount: 0.335893
Amount Units: ppb v/v



Manual Integration Results

RT: 14.33
Area: 13400
Amount: 0.210960
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

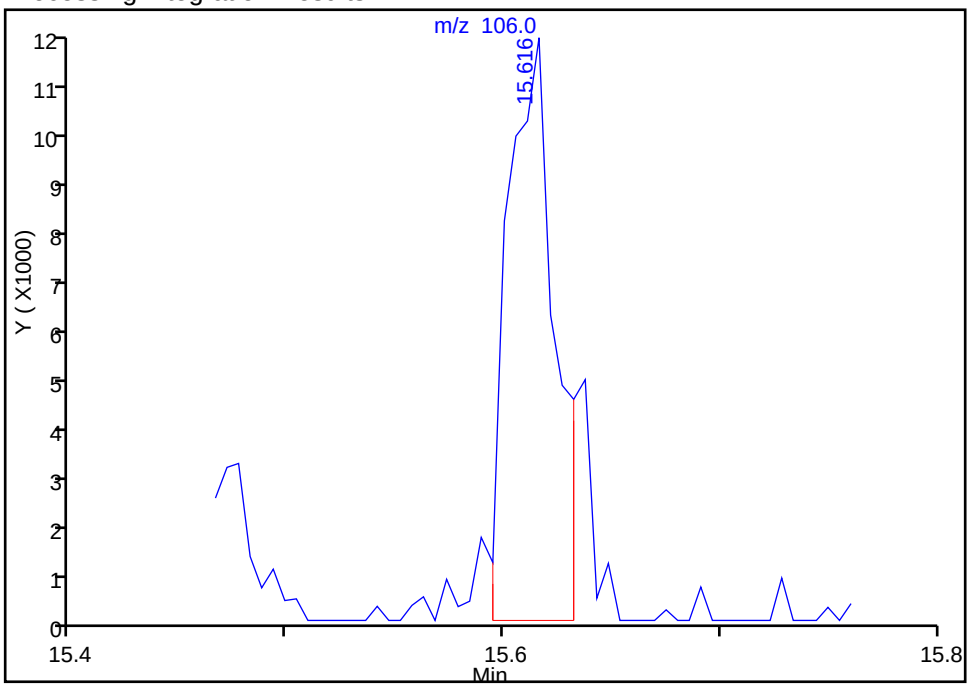
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 m-Xylene & p-Xylene, CAS: 179601-23-1

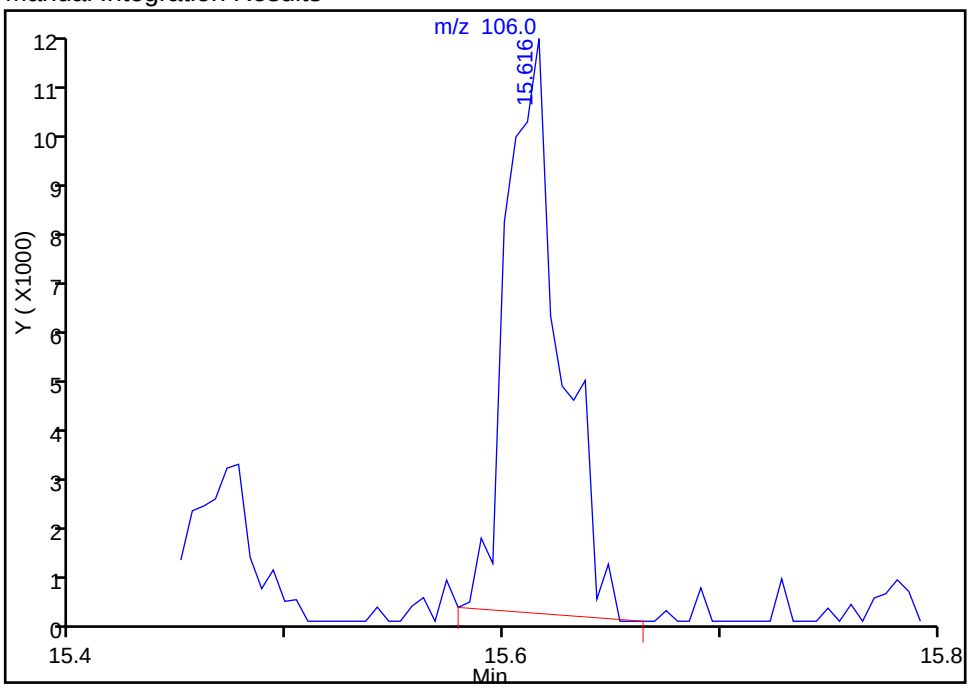
Processing Integration Results

RT: 15.62
Area: 17450
Amount: 0.149417
Amount Units: ppb v/v



Manual Integration Results

RT: 15.62
Area: 19449
Amount: 0.166534
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

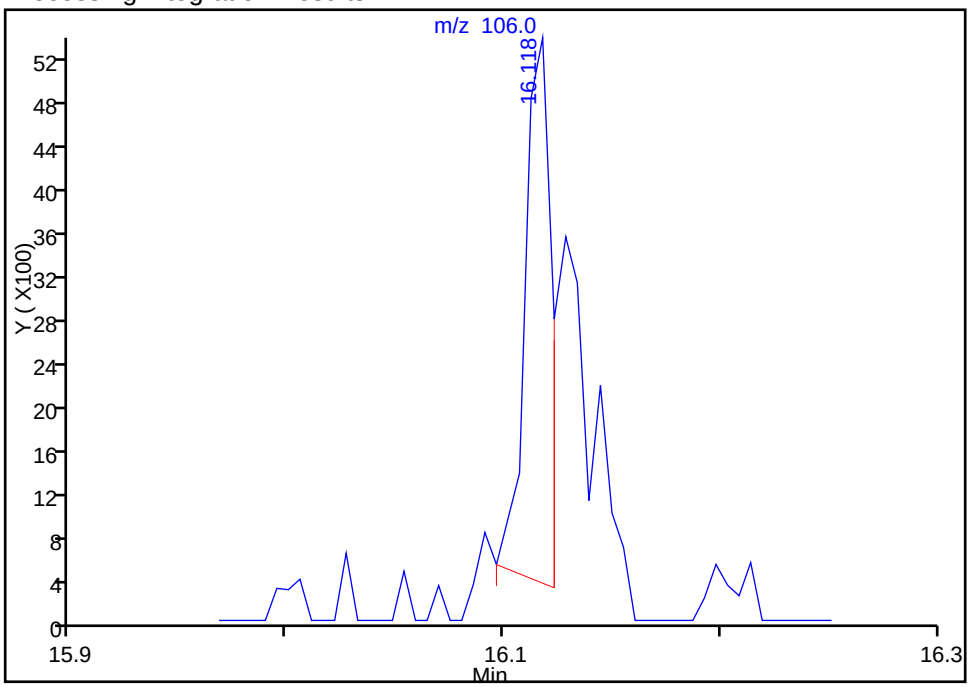
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 o-Xylene, CAS: 95-47-6

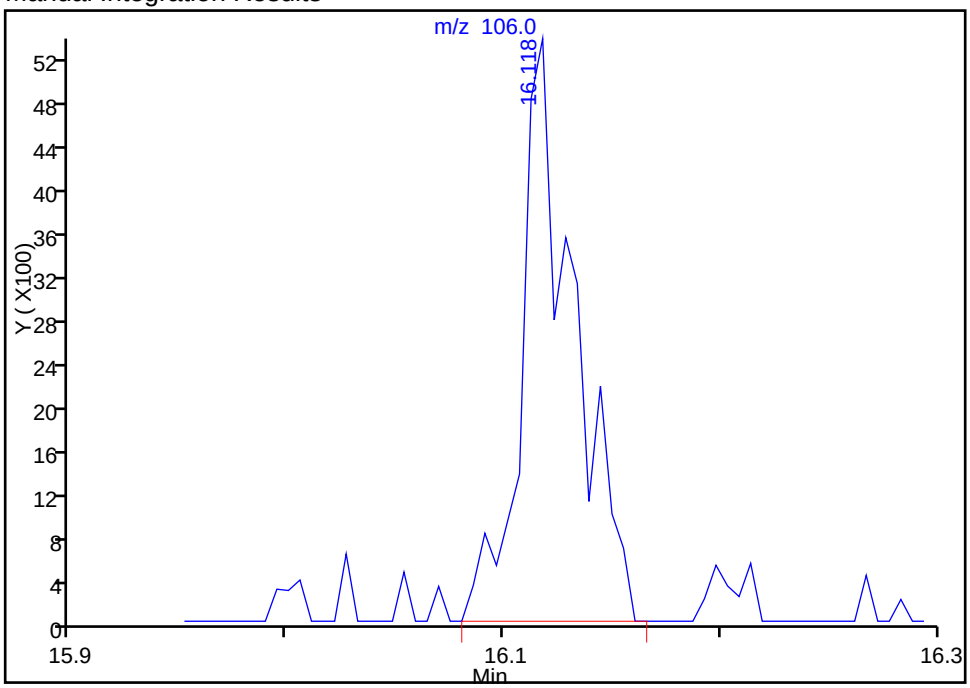
Processing Integration Results

RT: 16.12
Area: 4276
Amount: 0.037471
Amount Units: ppb v/v



Manual Integration Results

RT: 16.12
Area: 9145
Amount: 0.080138
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

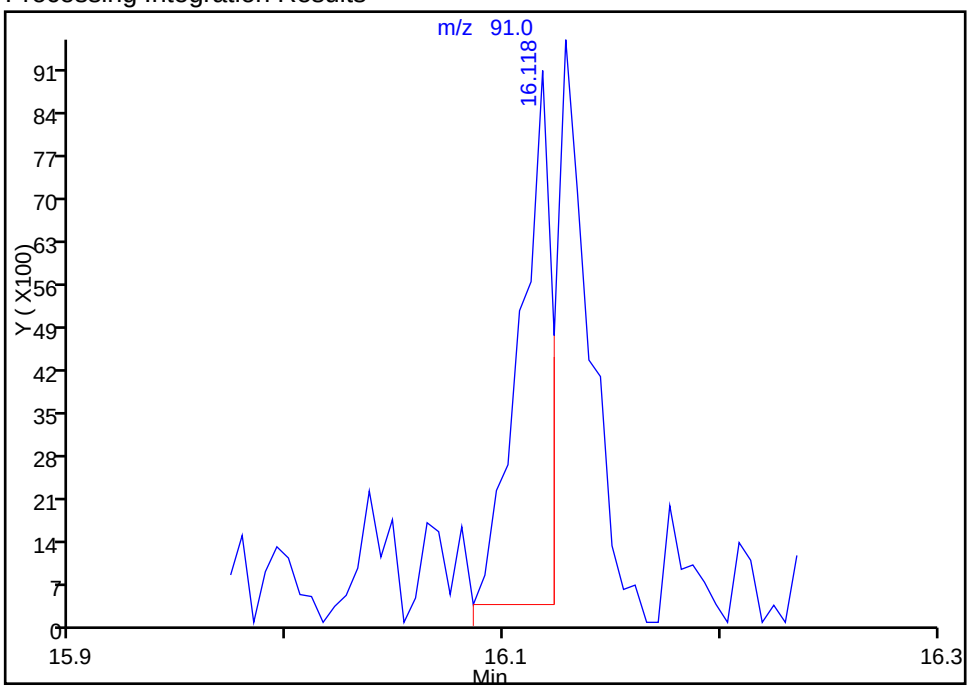
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_19a.D				
Injection Date:	30-Jan-2015 02:14:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-17	Lab Sample ID:	200-64806-17		
Client ID:	776VMP0301MA				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 o-Xylene, CAS: 95-47-6

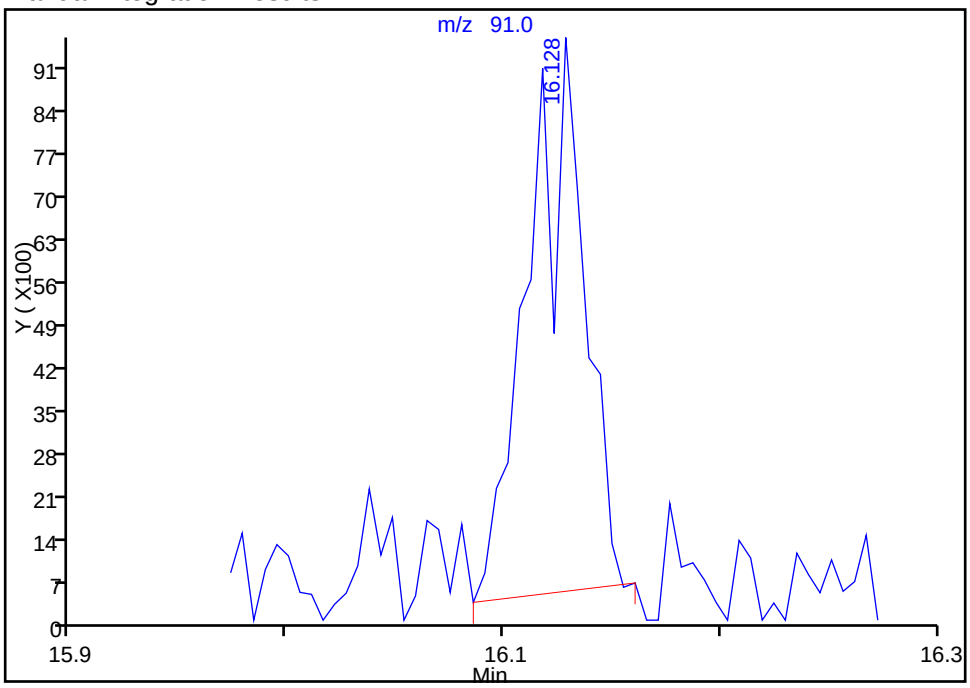
Processing Integration Results

RT: 16.12
Area: 8982
Amount: 0.037471
Amount Units: ppb v/v



Manual Integration Results

RT: 16.13
Area: 16359
Amount: 0.080138
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 15:59:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774IA1MA Lab Sample ID: 280-64806-18

Matrix: Air Lab File ID: 11847-024.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 03:29

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.53		0.50	0.056
75-45-6	Freon 22	86.47	0.57		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.55		0.50	0.060
106-97-8	n-Butane	58.12	0.88		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.39		0.20	0.045
76-13-1	Freon TF	187.38	0.088	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	4.8	J	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.66	J	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.25	J	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.70		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.072	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.21		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774IA1MA Lab Sample ID: 280-64806-18

Matrix: Air Lab File ID: 11847-024.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 03:29

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.15	J	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.035	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.060	U	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	U	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774IA1MA Lab Sample ID: 280-64806-18

Matrix: Air Lab File ID: 11847-024.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 03:29

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774IA1MA Lab Sample ID: 280-64806-18

Matrix: Air Lab File ID: 11847-024.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 03:29

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6		2.5	0.28
75-45-6	Freon 22	86.47	2.0		1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	1.1		1.0	0.12
106-97-8	n-Butane	58.12	2.1		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	2.2		1.1	0.25
76-13-1	Freon TF	187.38	0.67	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	11	J	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.6	J	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.88	J	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	2.1		1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.45	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.68		0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774IA1MA Lab Sample ID: 280-64806-18

Matrix: Air Lab File ID: 11847-024.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 03:29

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.58	J	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.15	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.26	U	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	U	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774IA1MA Lab Sample ID: 280-64806-18

Matrix: Air Lab File ID: 11847-024.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 03:29

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D
Lims ID: 280-64806-A-18 Lab Sample ID: 200-64806-18
Client ID: 774IA1MA
Sample Type: Client
Inject. Date: 29-Jan-2015 03:29:30 ALS Bottle#: 5 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011847-024
Misc. Info.: 280-64806-18
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 29-Jan-2015 09:20:24 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: desjardinsb Date: 29-Jan-2015 09:20:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.113	3.119	-0.006	99	19439	0.5347	
3 Chlorodifluoromethane	51	3.167	3.167	0.000	96	12285	0.5746	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.381				ND	
5 Chloromethane	50	3.520	3.520	0.000	99	6421	0.5500	
6 Butane	43	3.718	3.718	0.000	98	16871	0.8759	
7 Vinyl chloride	62		3.766				ND	
8 Butadiene	54		3.836				ND	
9 Bromomethane	94		4.515				ND	
10 Chloroethane	64		4.750				ND	
12 Vinyl bromide	106		5.136				ND	
13 Trichlorofluoromethane	101	5.221	5.221	0.000	97	14628	0.3933	
18 1,1,2-Trichloro-1,2,2-trif	101	6.275	6.286	-0.011	81	2212	0.0878	
20 1,1-Dichloroethene	96		6.339				ND	
21 Acetone	43	6.580	6.585	-0.005	84	98252	4.78	
22 Carbon disulfide	76		6.735				ND	
23 Isopropyl alcohol	45	6.858	6.858	0.000	96	10773	0.6581	
24 3-Chloro-1-propene	41		7.126				ND	
26 Methylene Chloride	49	7.414	7.420	-0.006	95	3828	0.2523	
28 2-Methyl-2-propanol	59		7.623				ND	
29 Methyl tert-butyl ether	73		7.805				ND	
30 trans-1,2-Dichloroethene	61		7.848				ND	
32 Hexane	57		8.222				ND	
33 1,1-Dichloroethane	63		8.736				ND	
35 cis-1,2-Dichloroethene	96		9.849				ND	
36 2-Butanone (MEK)	72	9.897	9.897	0.000	99	5236	0.6961	
S 38 1,2-Dichloroethene, Total	61		10.000				ND	
39 Tetrahydrofuran	42		10.314				ND	
* 40 Chlorobromomethane	128	10.319	10.325	-0.006	94	132320	10.0	
41 Chloroform	83		10.453				ND	
42 Cyclohexane	84		10.689				ND	
43 1,1,1-Trichloroethane	97		10.731				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	44 Carbon tetrachloride	117	10.988	10.977	0.011	69	2592	0.0719	
	45 Isooctane	57		11.411				ND	
	46 Benzene	78	11.448	11.470	-0.022	98	10744	0.2117	
	47 1,2-Dichloroethane	62		11.662				ND	
	48 n-Heptane	43		11.801				ND	
*	50 1,4-Difluorobenzene	114	12.315	12.326	-0.011	95	797156	10.0	
	52 Trichloroethene	95		12.802				ND	
	53 1,2-Dichloropropane	63		13.401				ND	
	54 Methyl methacrylate	69		13.551				ND	
	55 1,4-Dioxane	88		13.615				ND	
	57 Dichlorobromomethane	83		13.973				ND	
	58 cis-1,3-Dichloropropene	75		14.947				ND	
	61 4-Methyl-2-pentanone (MIBK	43		15.241				ND	
	62 Toluene	92	15.551	15.557	-0.006	93	5992	0.1541	
	67 trans-1,3-Dichloropropene	75		16.172				ND	
	68 1,1,2-Trichloroethane	83		16.563				ND	
	69 Tetrachloroethene	166		16.659				ND	
	70 2-Hexanone	43		17.012				ND	
	71 Chlorodibromomethane	129		17.349				ND	
	72 Ethylene Dibromide	107		17.632				ND	
*	73 Chlorobenzene-d5	117	18.531	18.537	-0.006	88	785619	10.0	
	74 Chlorobenzene	112		18.595				ND	
	75 Ethylbenzene	91	18.734	18.740	-0.006	92	3070	0.0348	
	77 m-Xylene & p-Xylene	106		18.997				ND	
	78 o-Xylene	106		19.804				ND	
	79 Styrene	104		19.847				ND	
S	80 Xylenes, Total	106		20.000				ND	
	81 Bromoform	173		20.254				ND	
	82 Isopropylbenzene	105		20.430				ND	
*	83 4-Bromofluorobenzene	95	20.789	20.789	0.000	90	588467	10.0	
	85 1,1,2,2-Tetrachloroethane	83		21.051				ND	
	86 N-Propylbenzene	91		21.110				ND	
	89 4-Ethyltoluene	105		21.292				ND	
	90 2-Chlorotoluene	91		21.308				ND	
	91 1,3,5-Trimethylbenzene	105		21.388				ND	
	93 tert-Butylbenzene	119		21.859				ND	
	94 1,2,4-Trimethylbenzene	105		21.950				ND	
	95 sec-Butylbenzene	105		22.174				ND	
	96 4-Isopropyltoluene	119		22.372				ND	
	97 1,3-Dichlorobenzene	146		22.415				ND	
	98 1,4-Dichlorobenzene	146		22.554				ND	
	99 Benzyl chloride	91		22.763				ND	
	101 n-Butylbenzene	91		22.966				ND	
	102 1,2-Dichlorobenzene	146		23.116				ND	
	104 1,2,4-Trichlorobenzene	180		25.775				ND	
	105 Hexachlorobutadiene	225		25.962				ND	
	106 Naphthalene	128		26.315				ND	

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

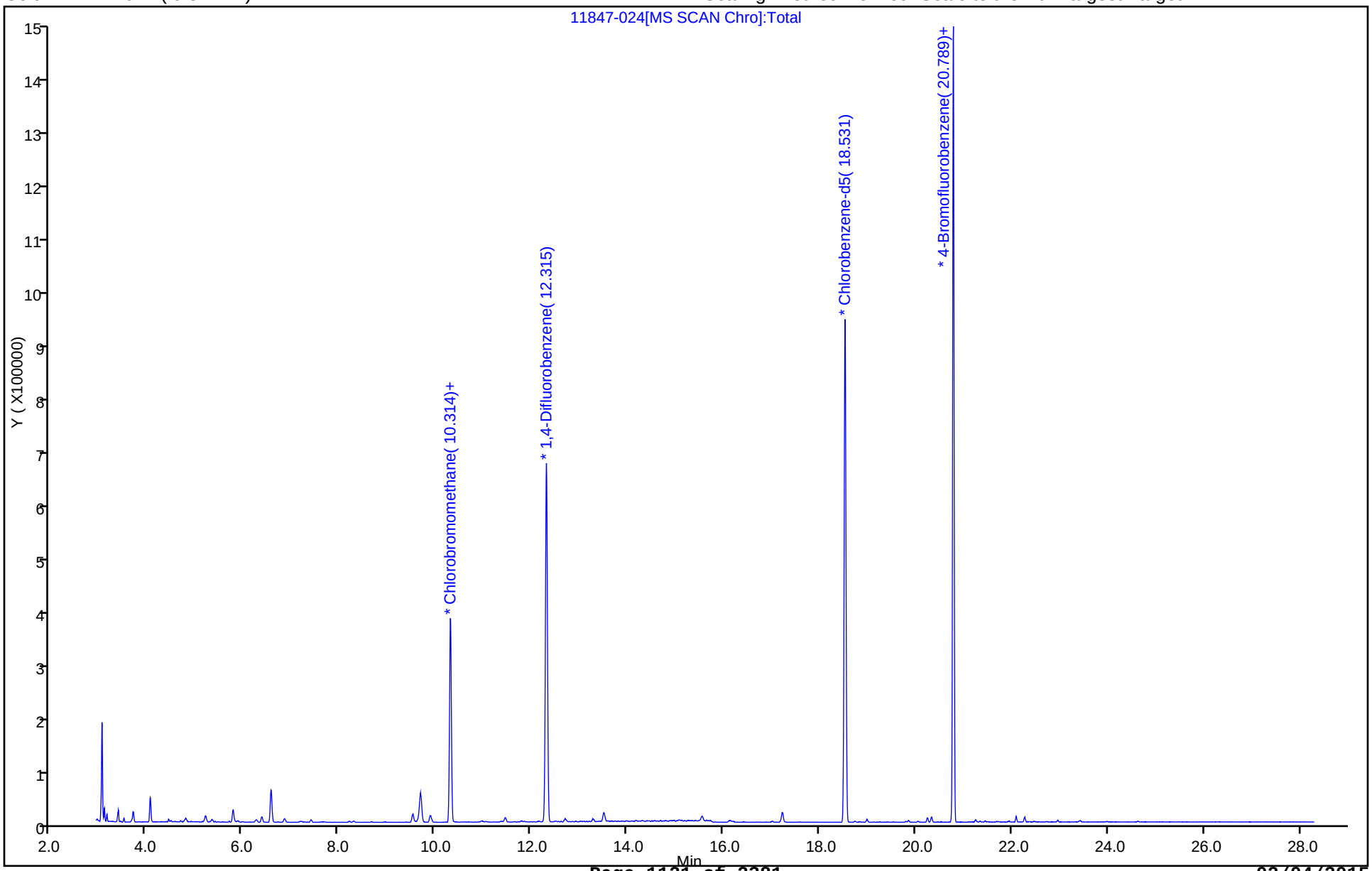
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18	Worklist Smp#:	24
Client ID:	774IA1MA				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



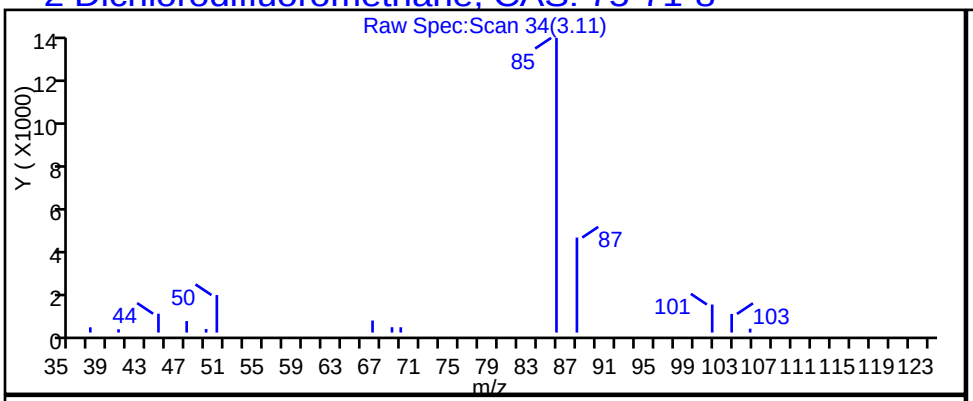
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

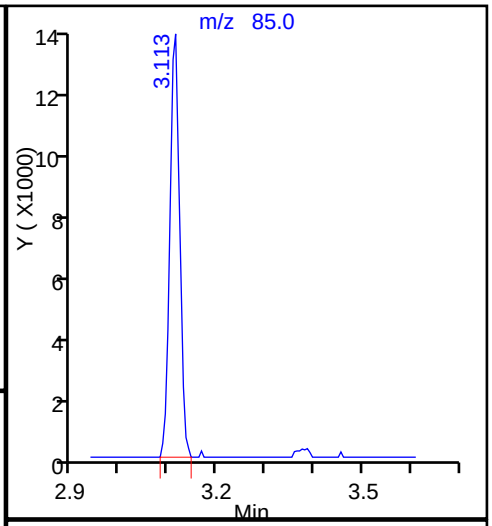
TestAmerica Burlington

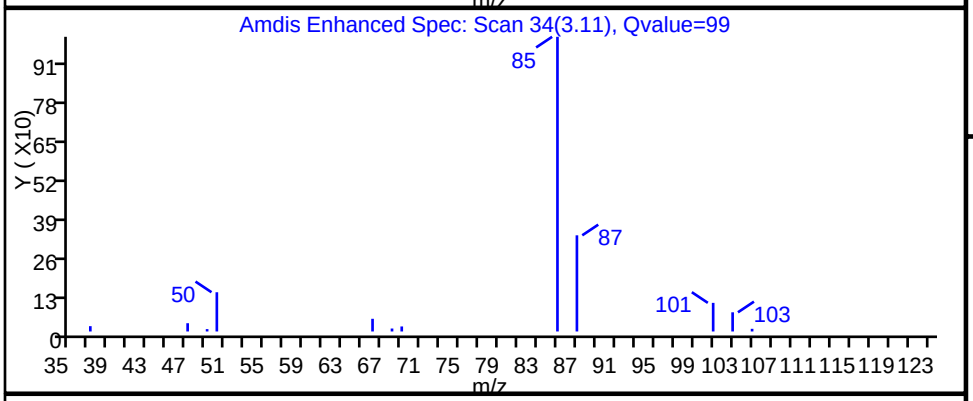
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

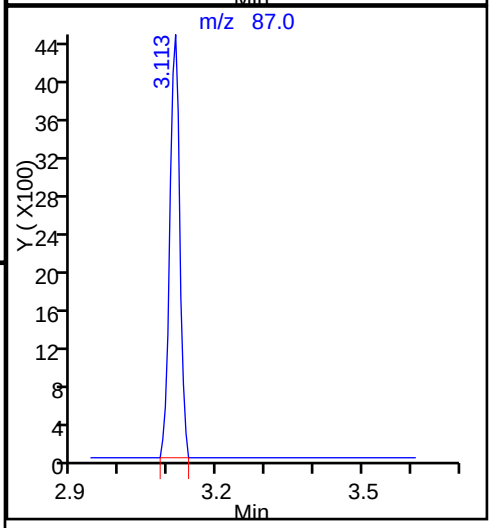
Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

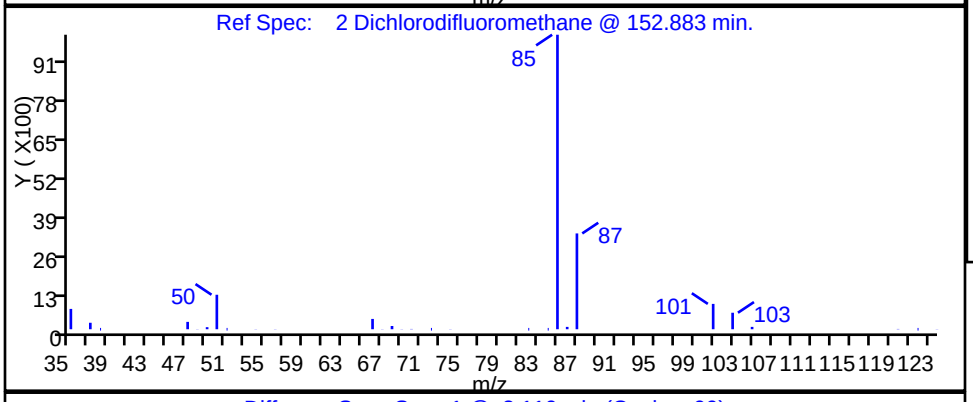
2 Dichlorodifluoromethane, CAS: 75-71-8

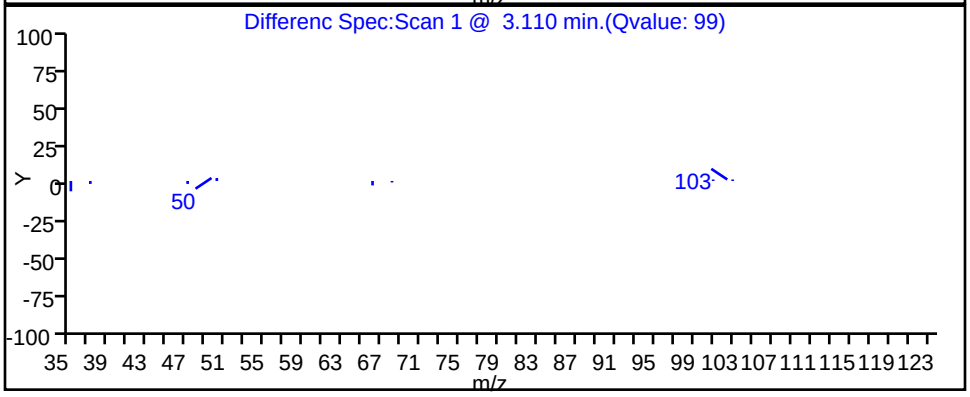












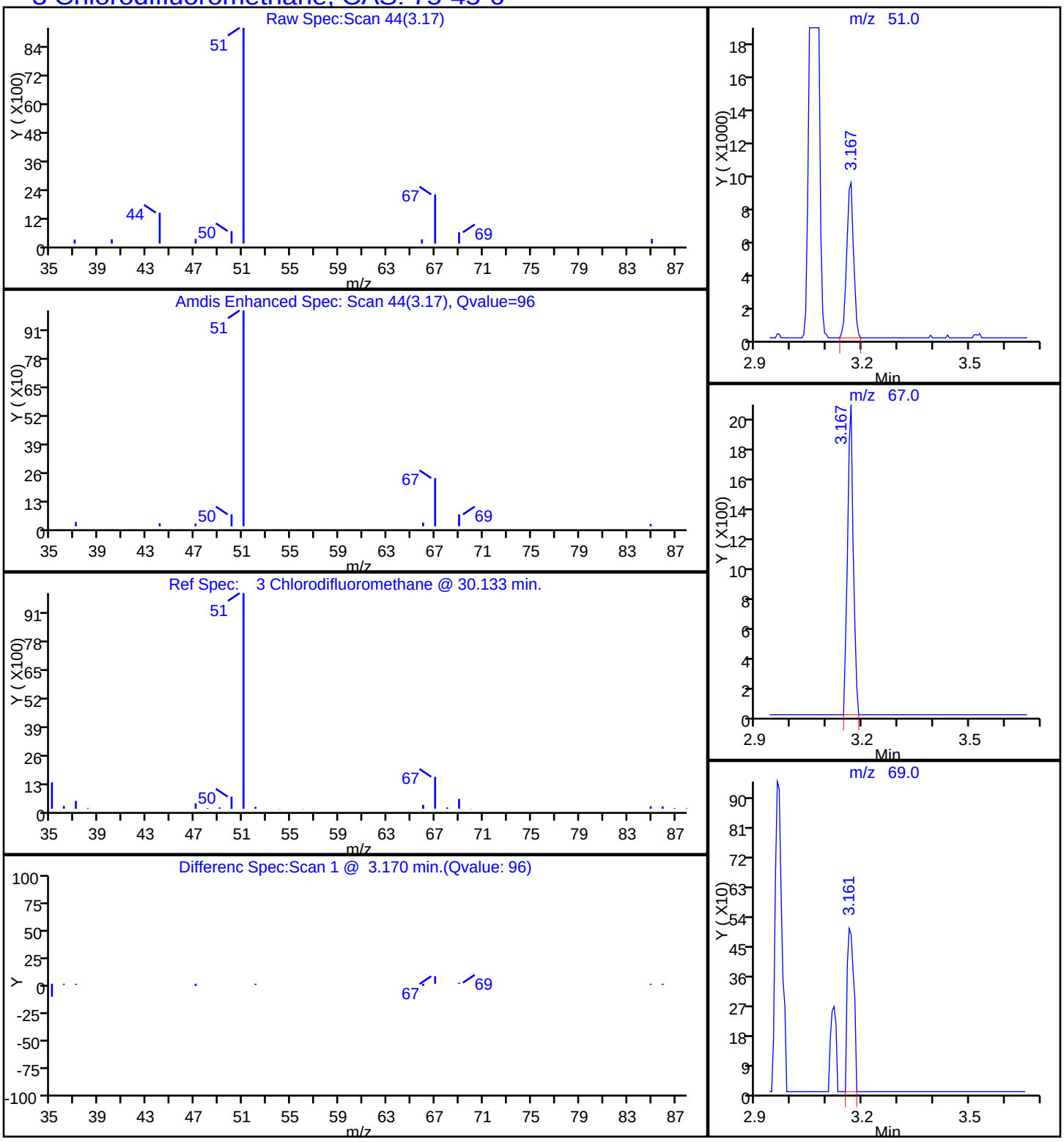
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



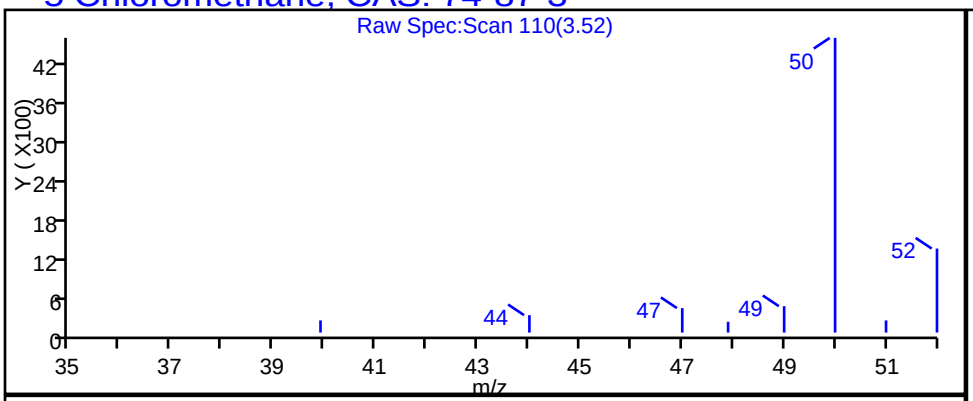
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

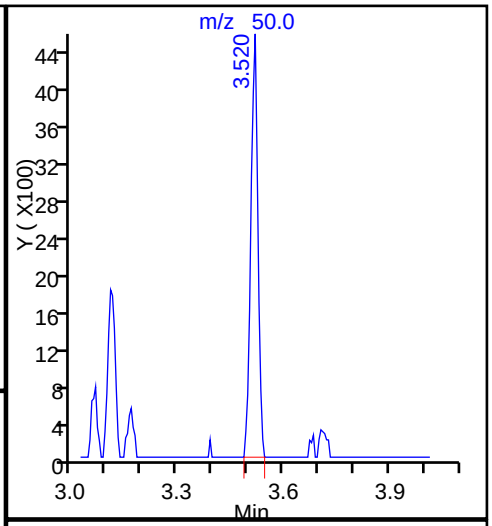
TestAmerica Burlington

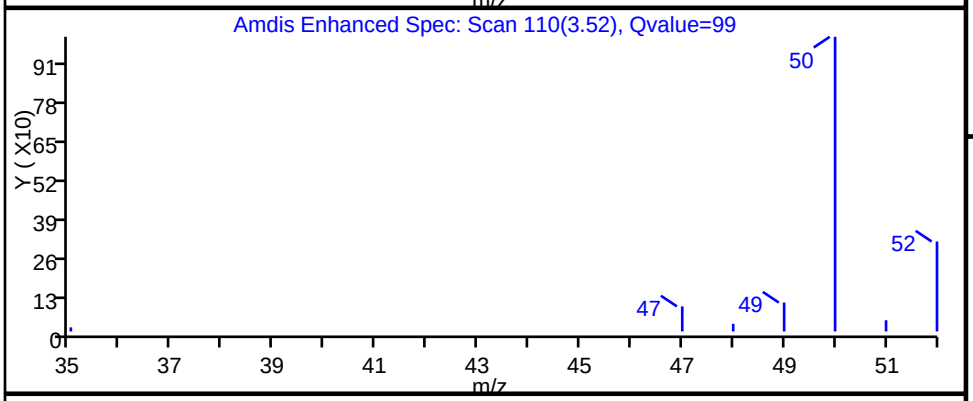
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

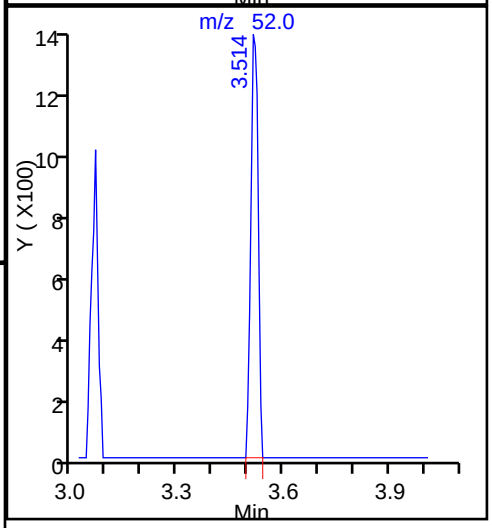
Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

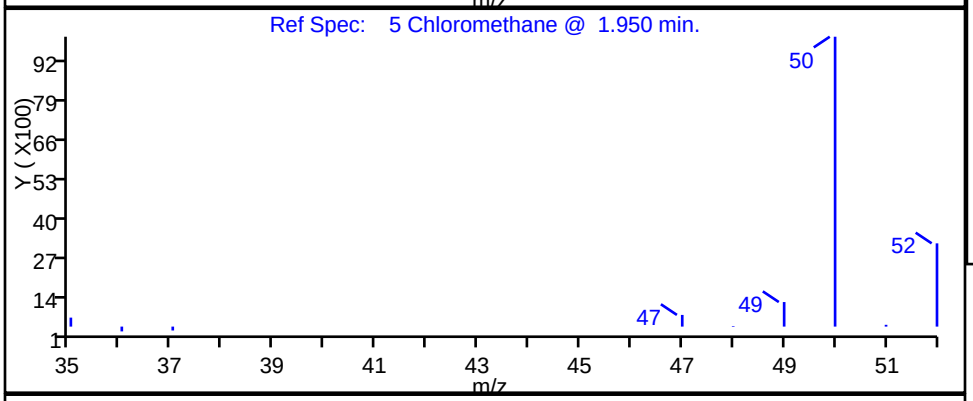
5 Chloromethane, CAS: 74-87-3

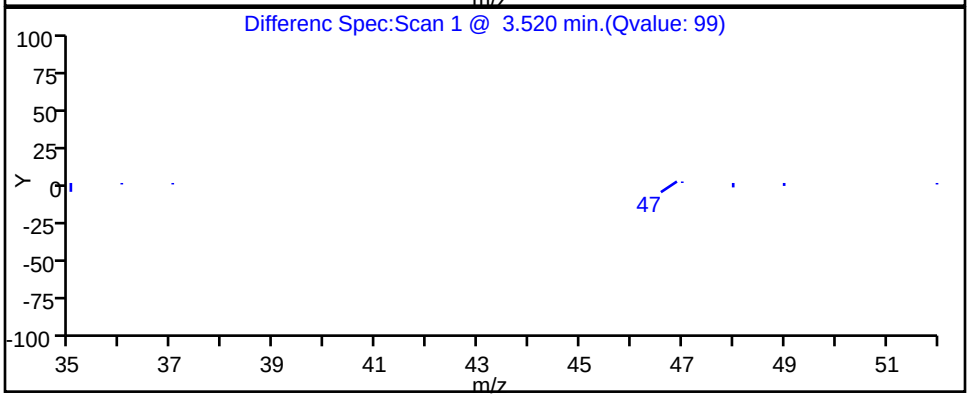












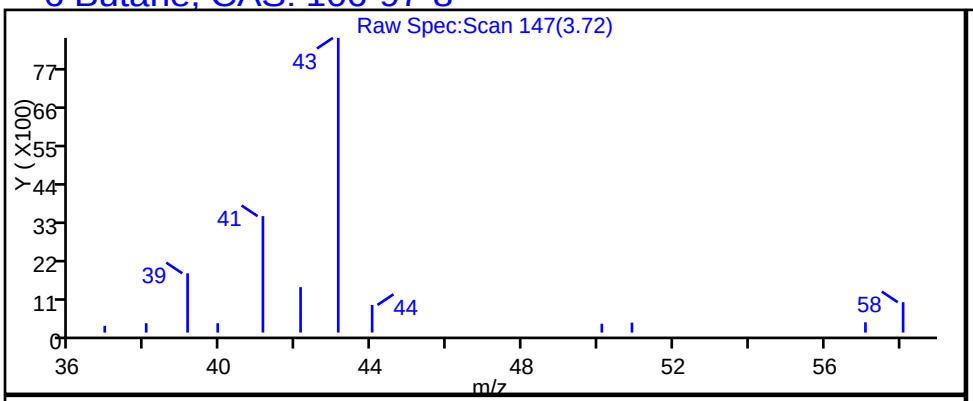
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

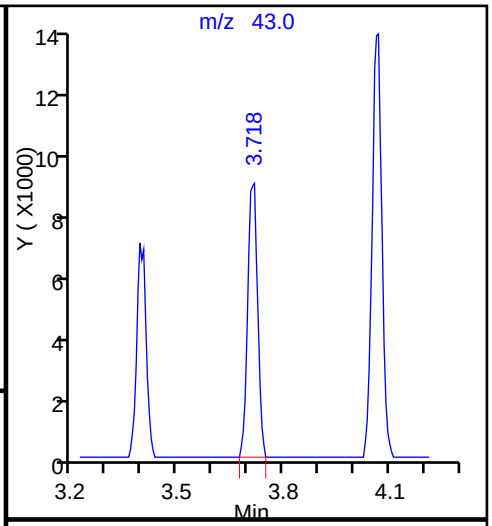
TestAmerica Burlington

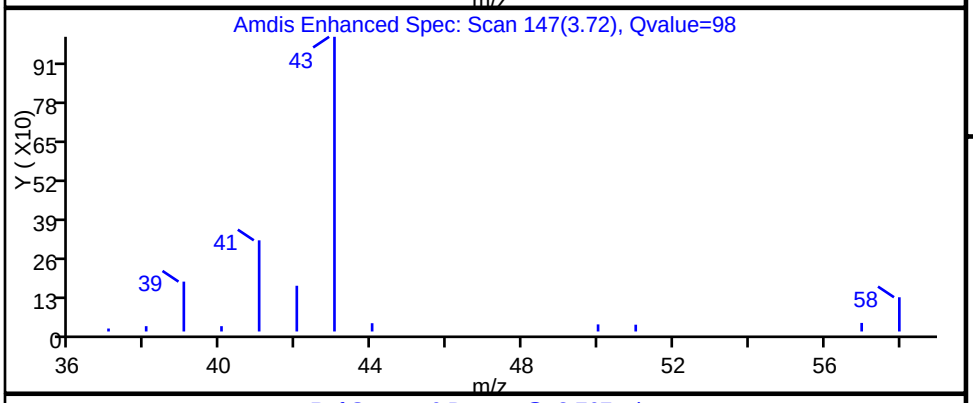
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

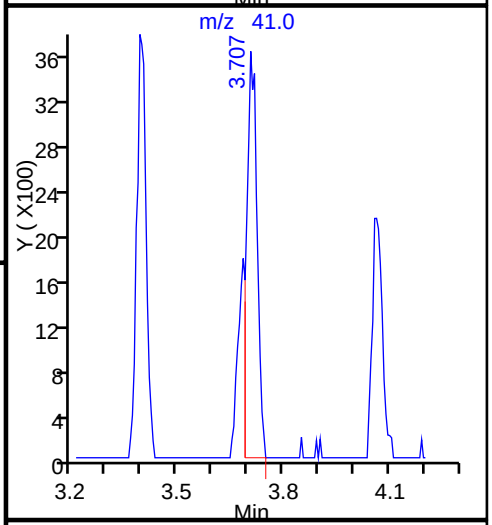
Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18
Client ID:	774IA1MA		
Operator ID:	wrd	ALS Bottle#:	5 Worklist Smp#: 24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

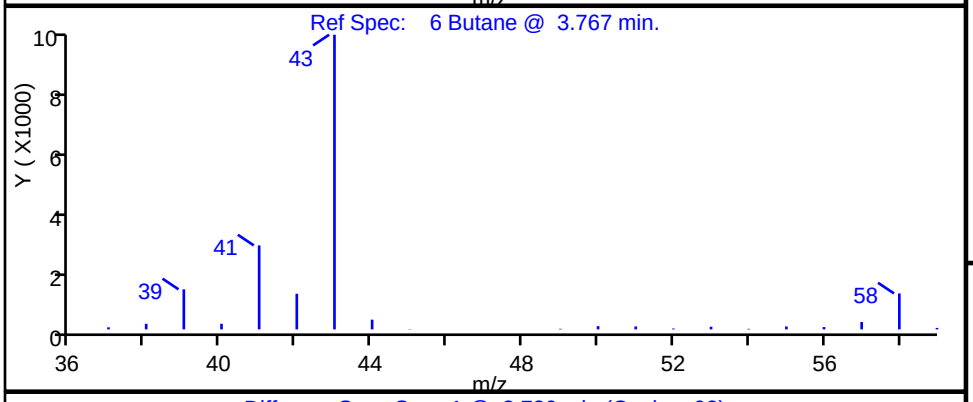
6 Butane, CAS: 106-97-8

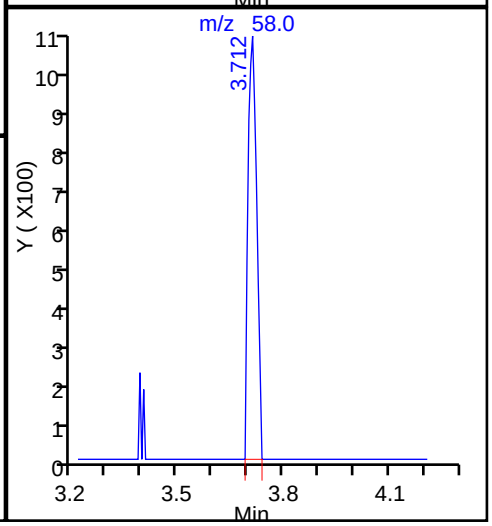


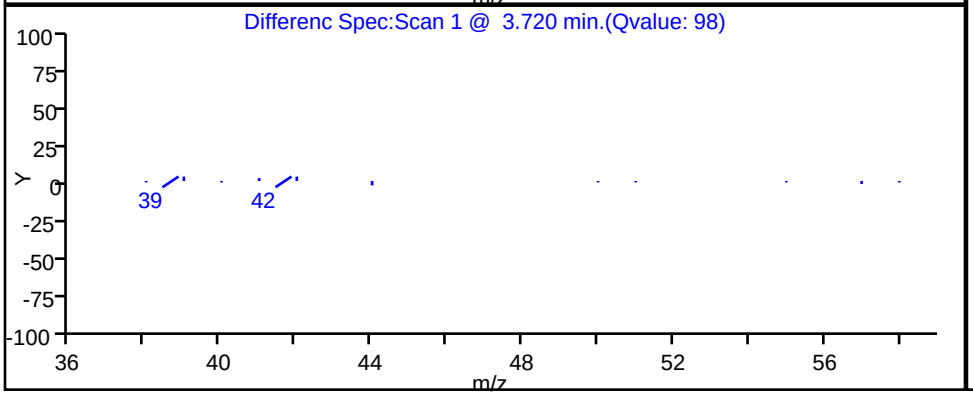












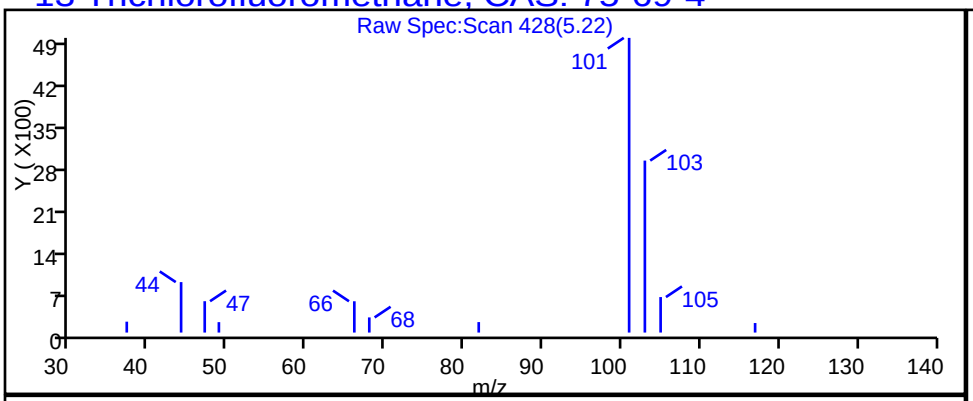
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

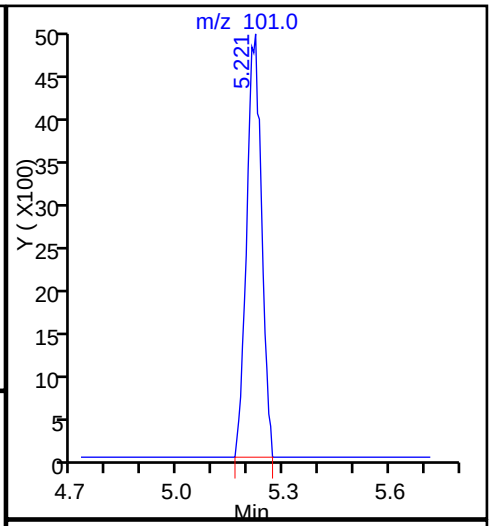
TestAmerica Burlington

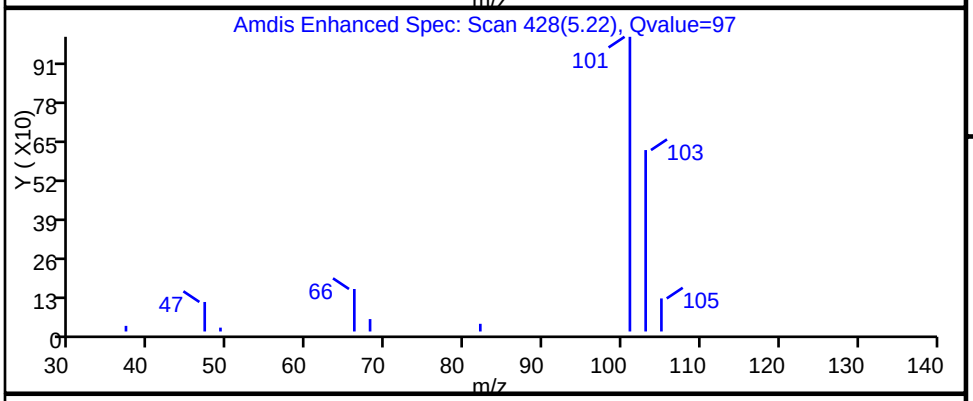
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

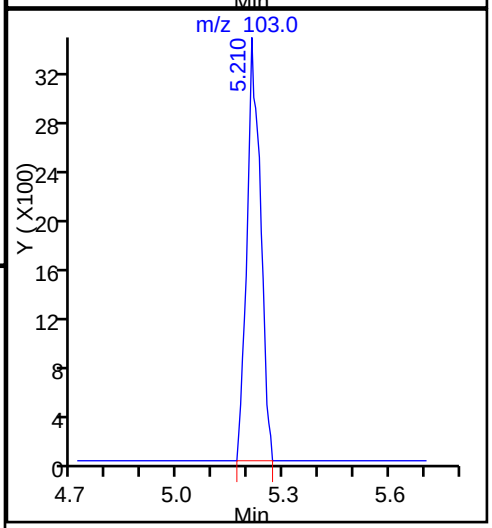
Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

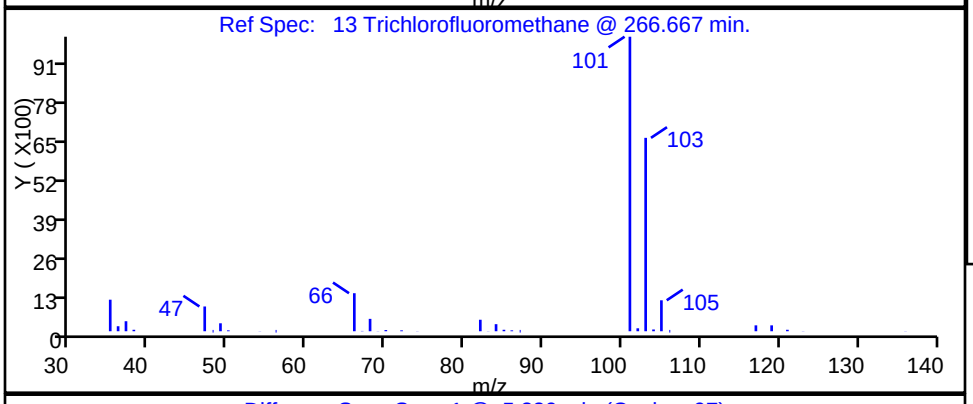
13 Trichlorofluoromethane, CAS: 75-69-4

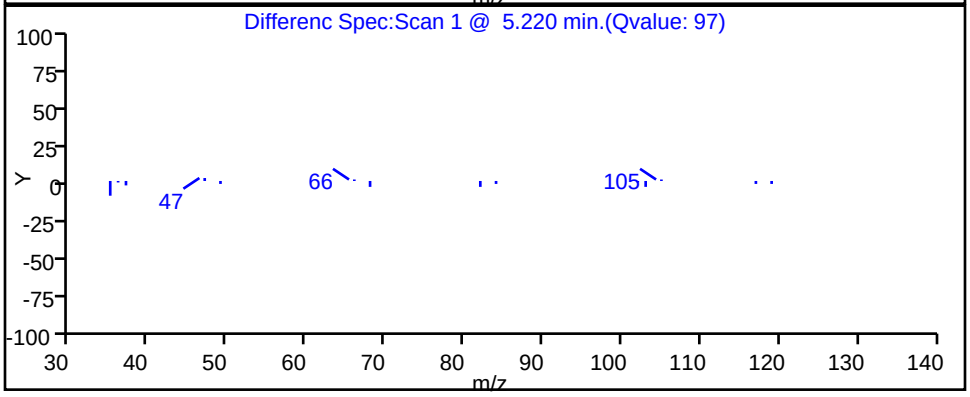












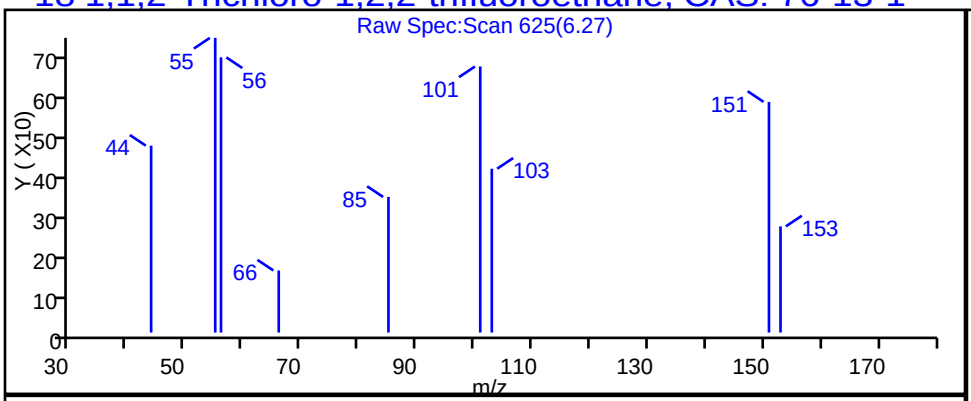
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

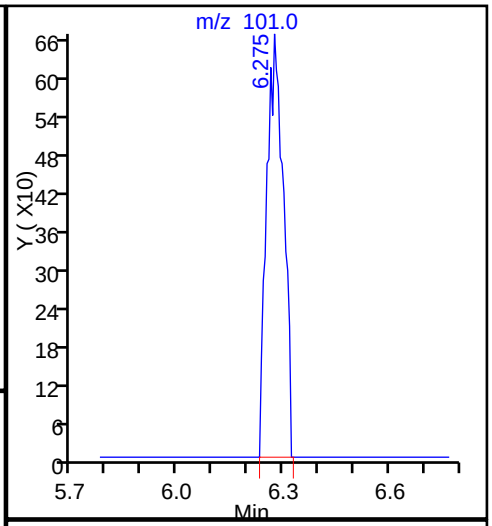
TestAmerica Burlington

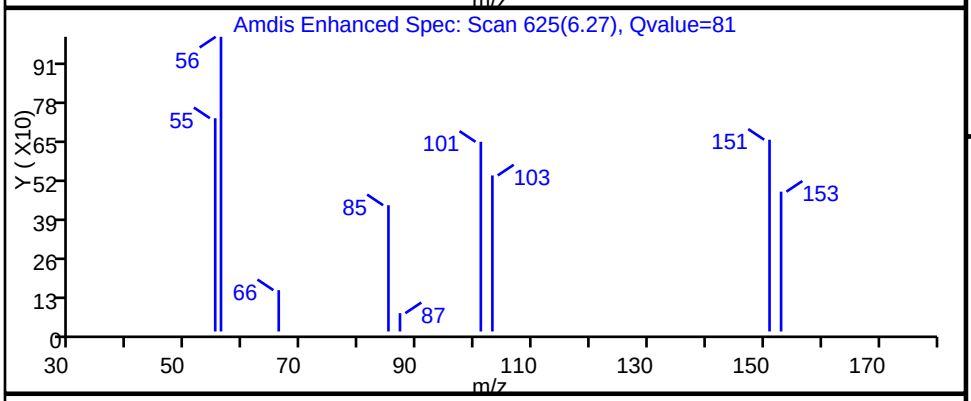
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

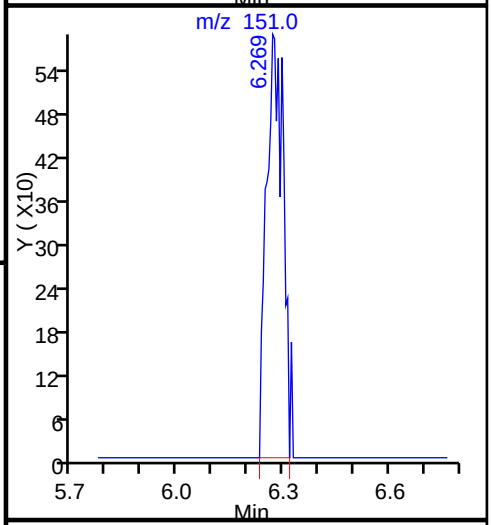
Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

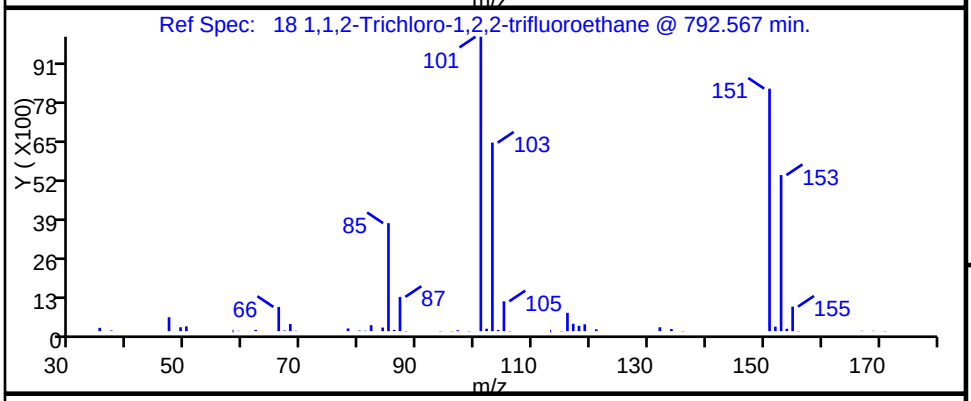
18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

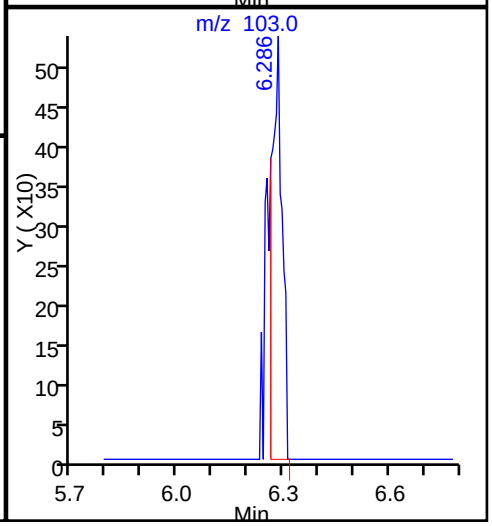


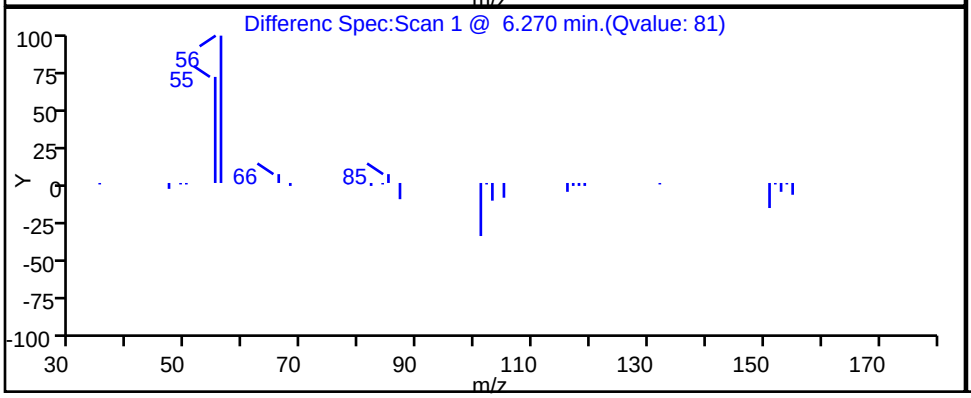












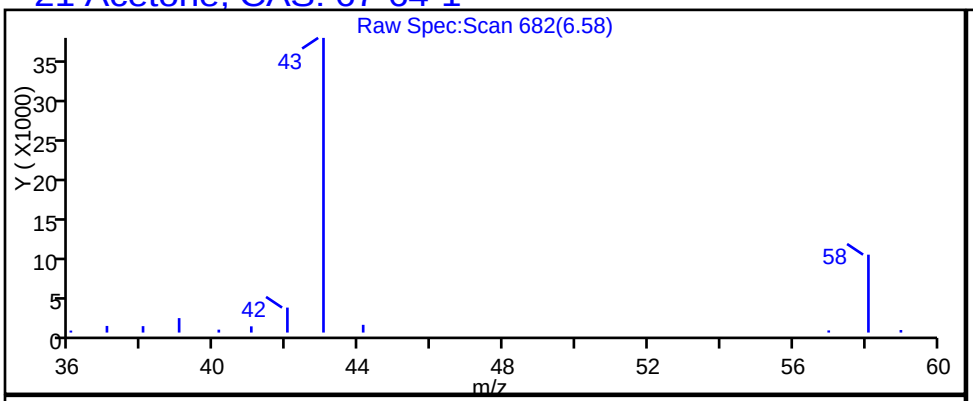
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

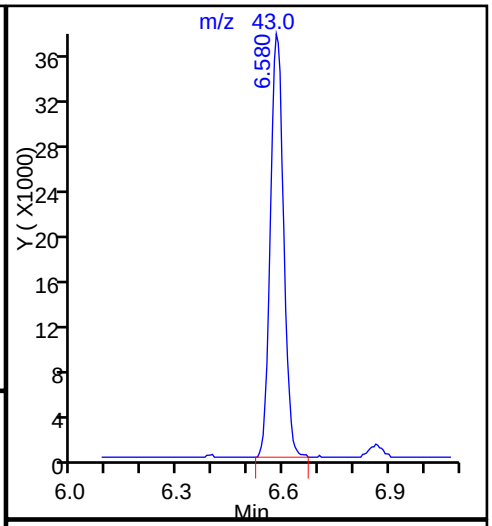
TestAmerica Burlington

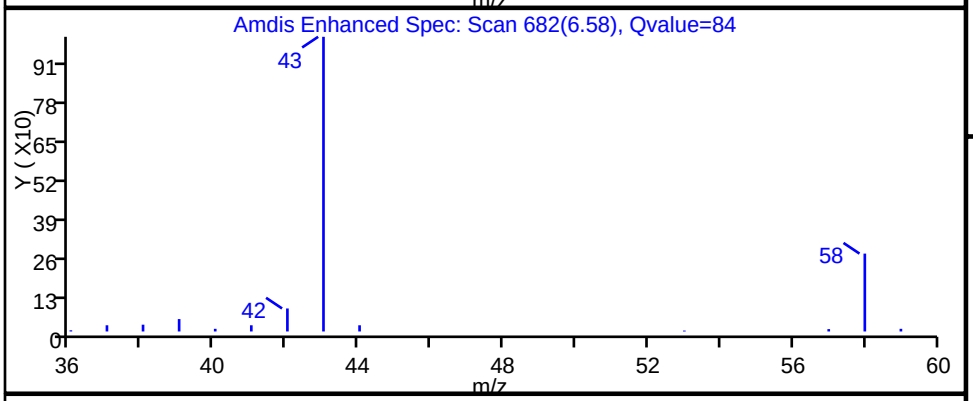
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

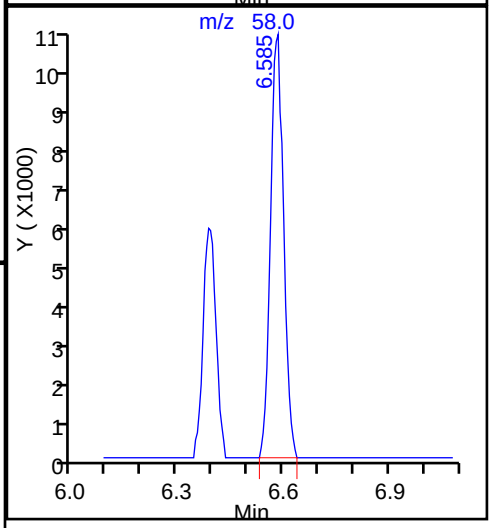
Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

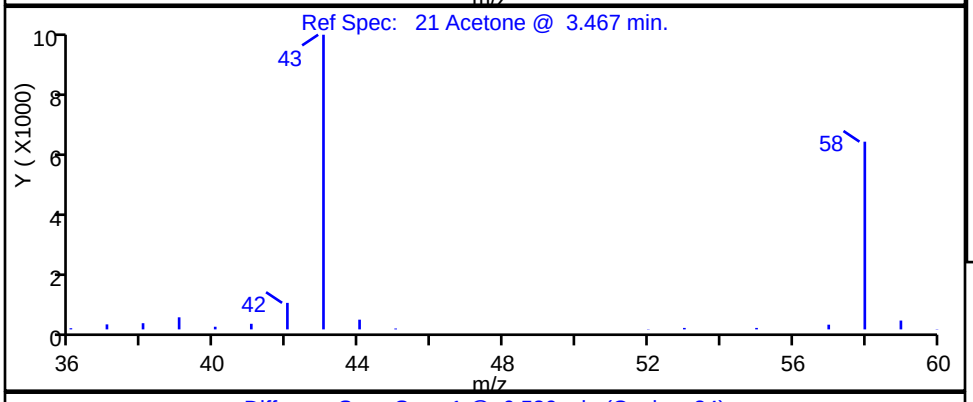
21 Acetone, CAS: 67-64-1

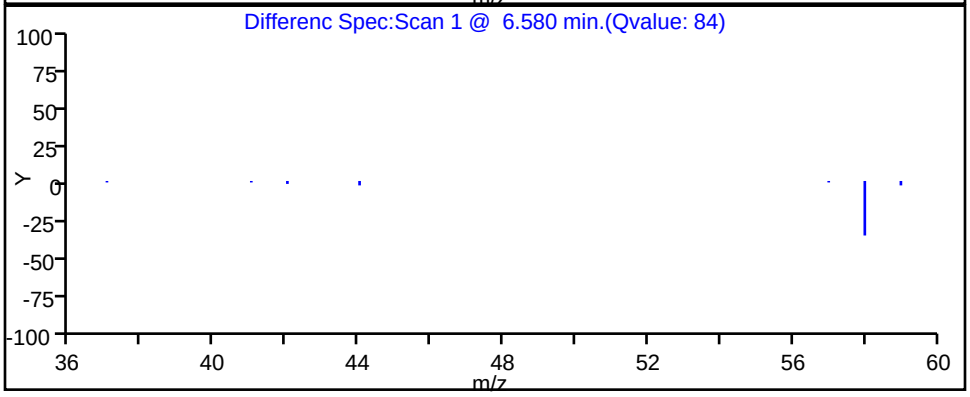












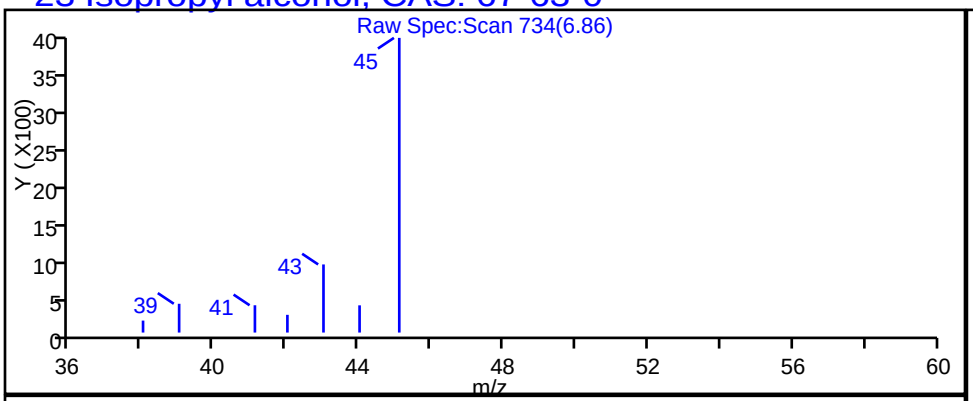
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

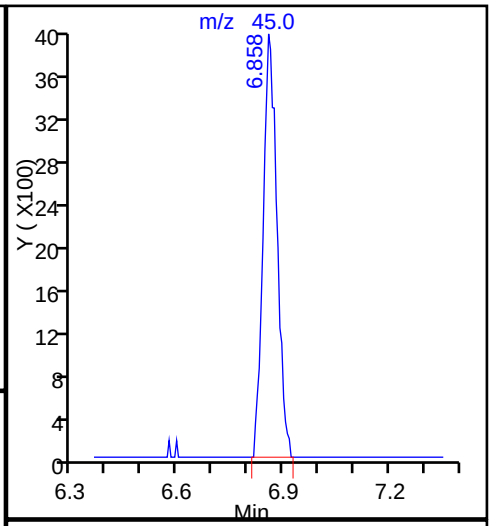
TestAmerica Burlington

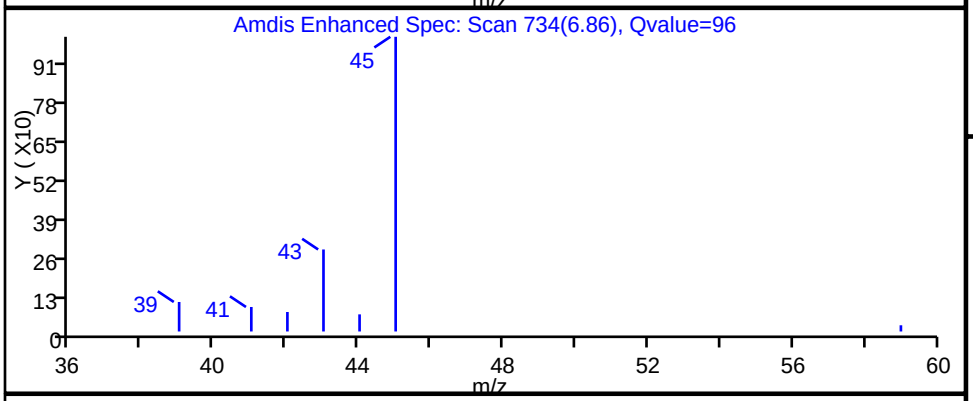
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

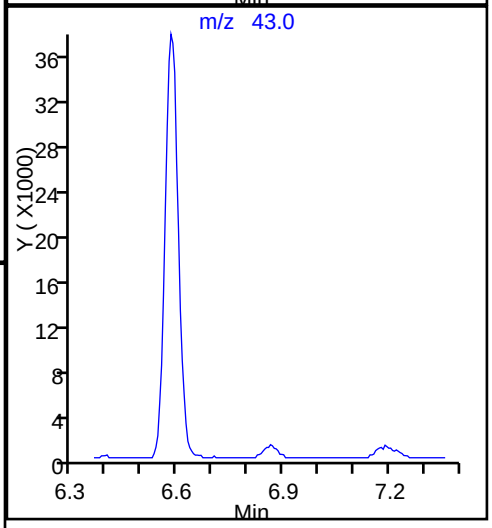
Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

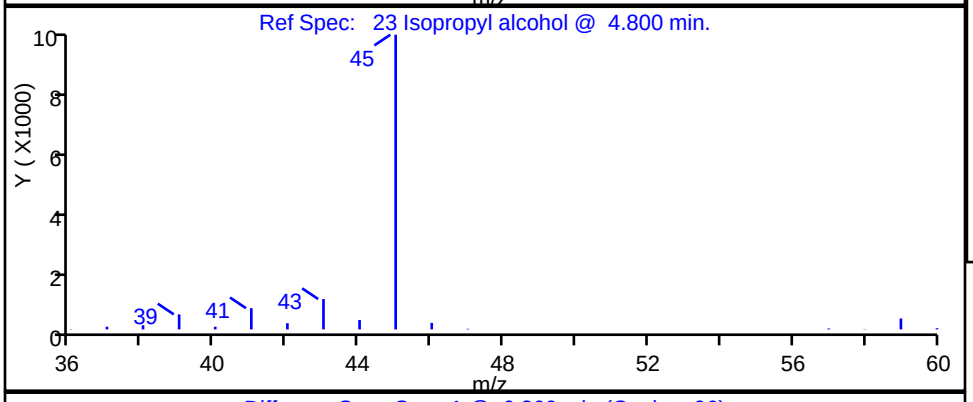
23 Isopropyl alcohol, CAS: 67-63-0

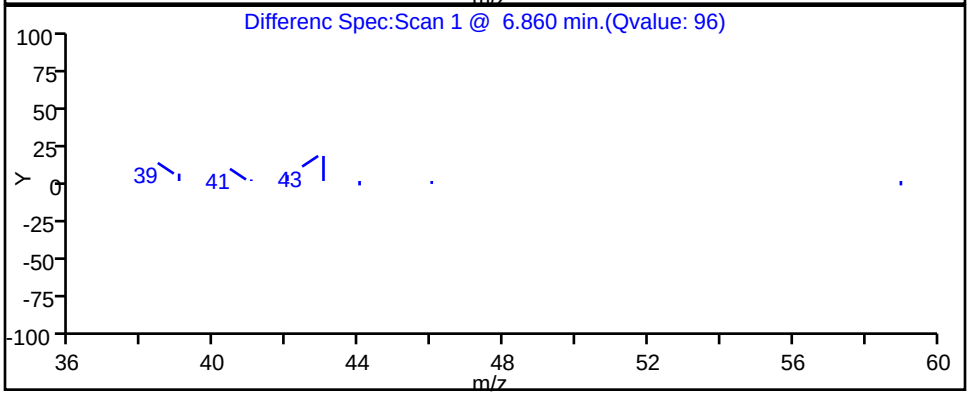












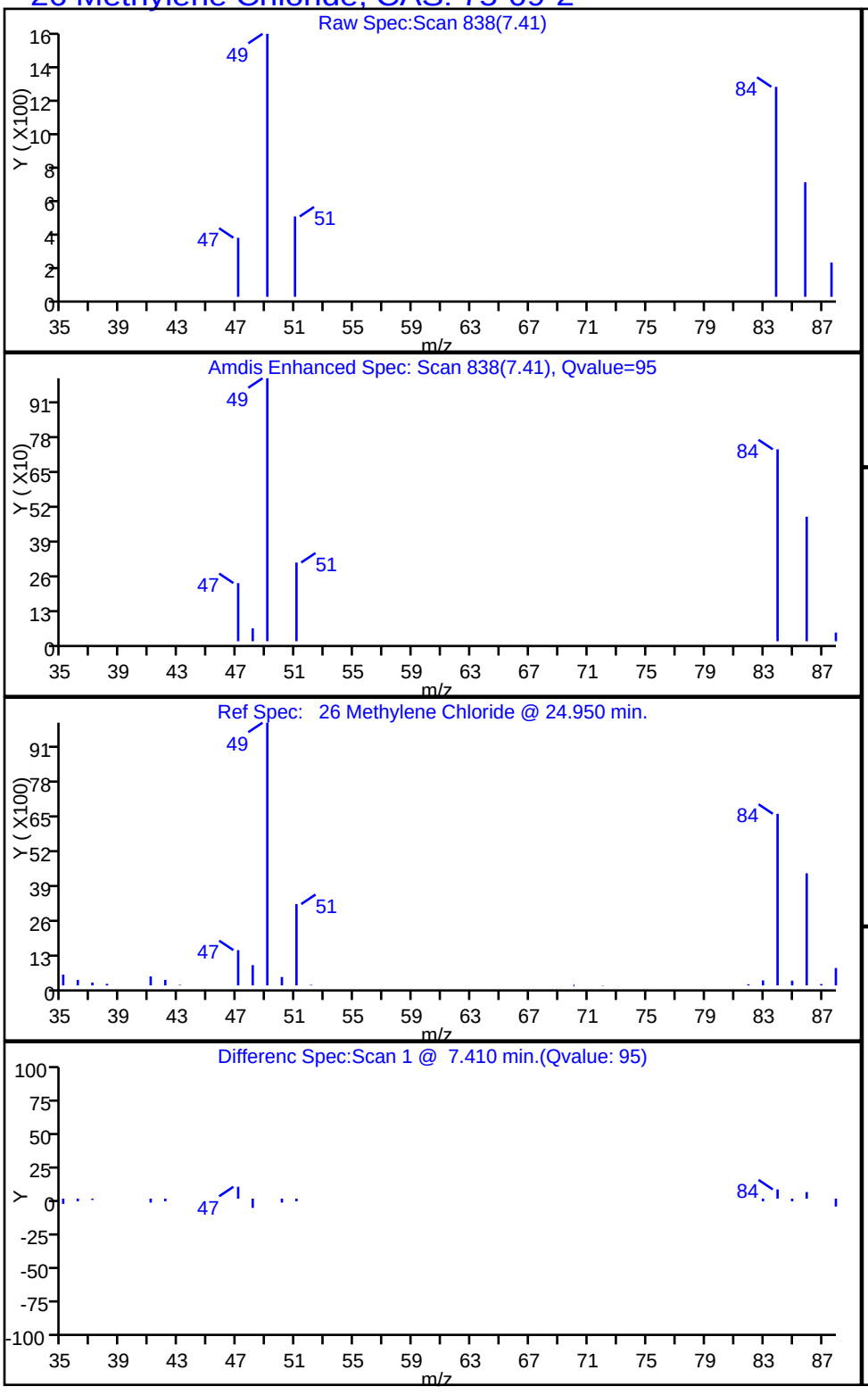
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

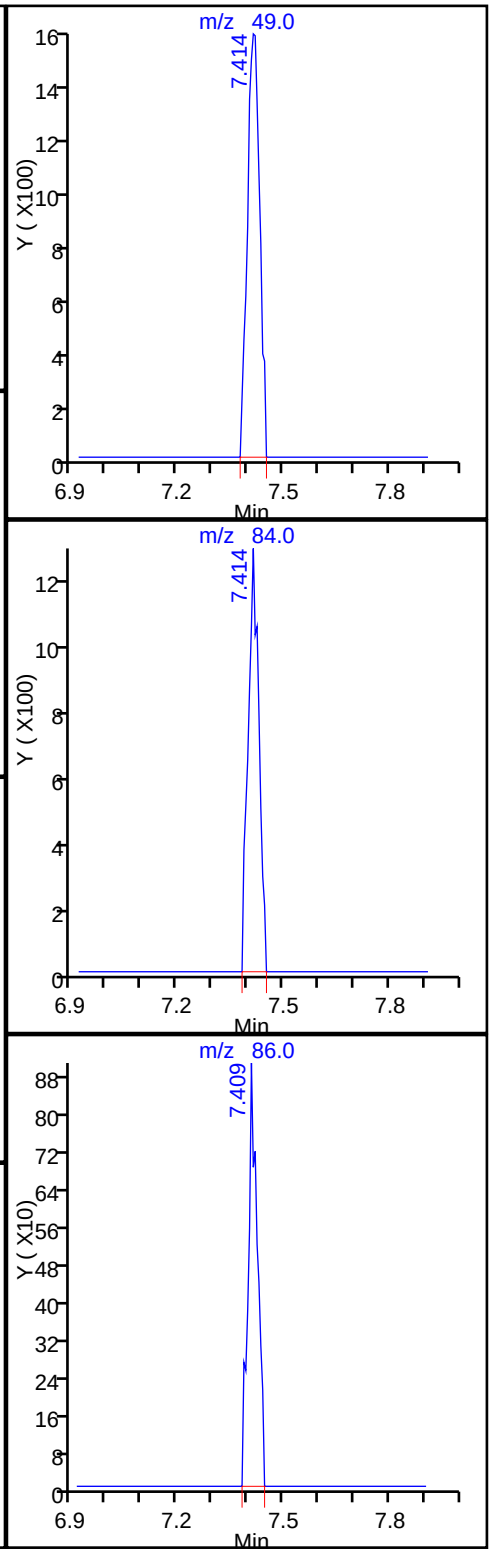
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18
Client ID:	774IA1MA		
Operator ID:	wrd	ALS Bottle#:	5 Worklist Smp#: 24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

26 Methylene Chloride, CAS: 75-09-2





Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

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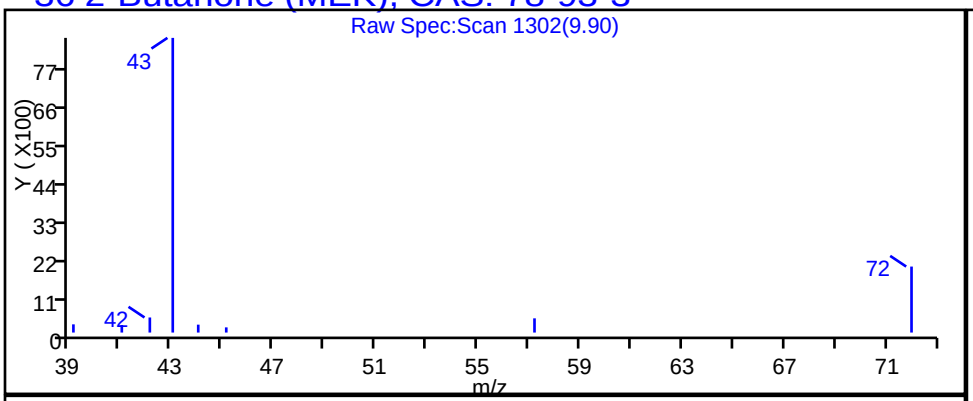
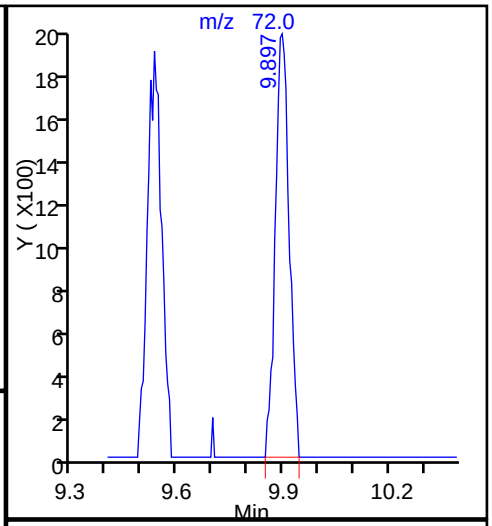
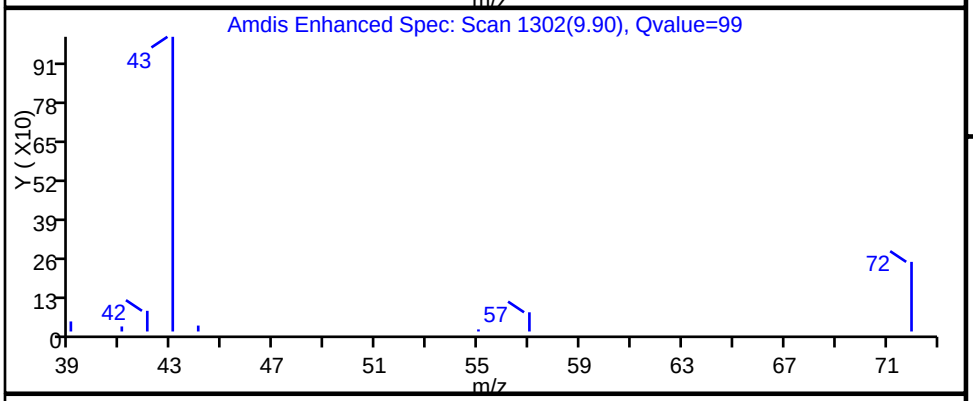
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

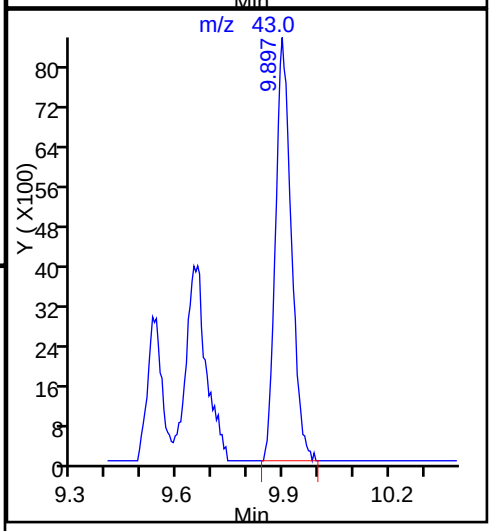
Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

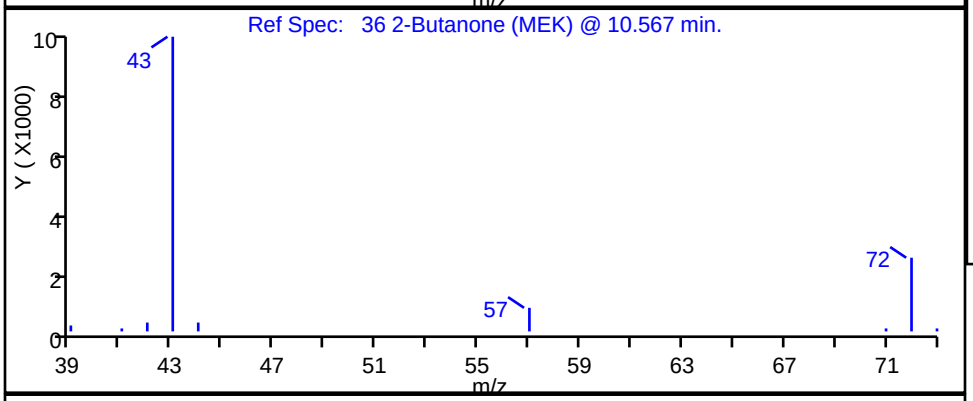
36 2-Butanone (MEK), CAS: 78-93-3

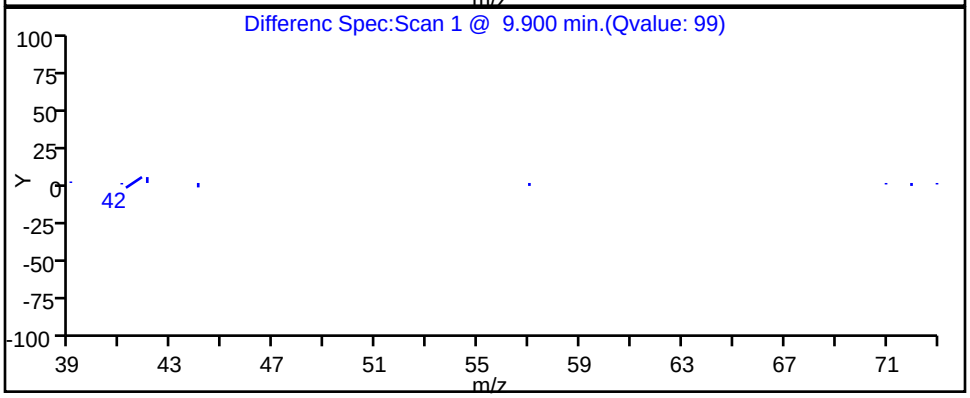












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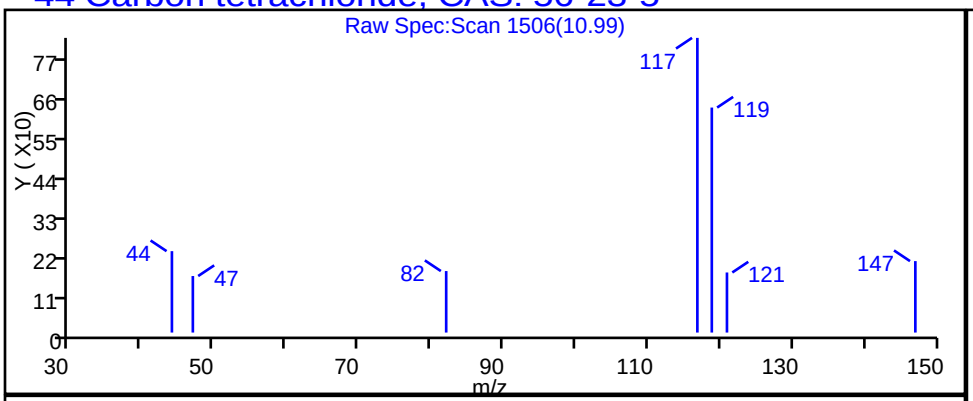
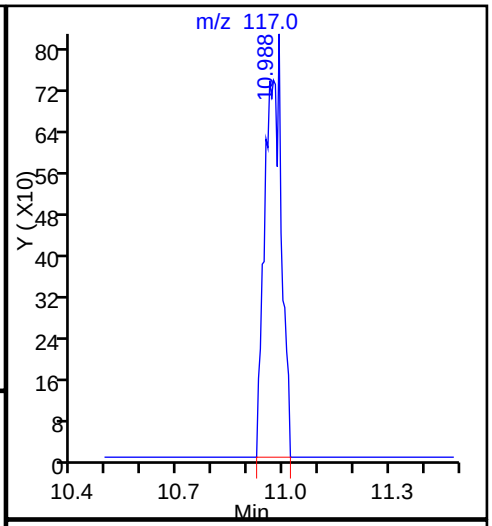
TestAmerica Burlington

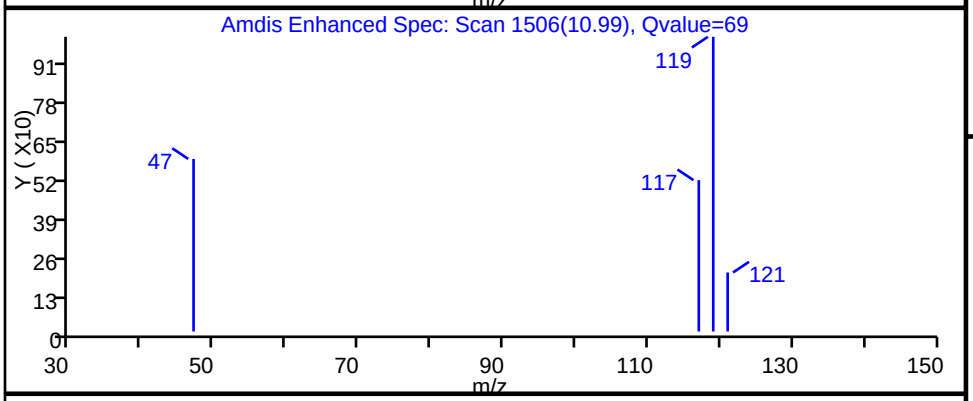
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

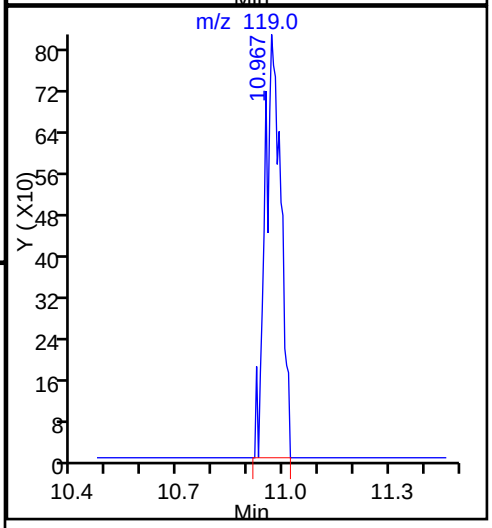
Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

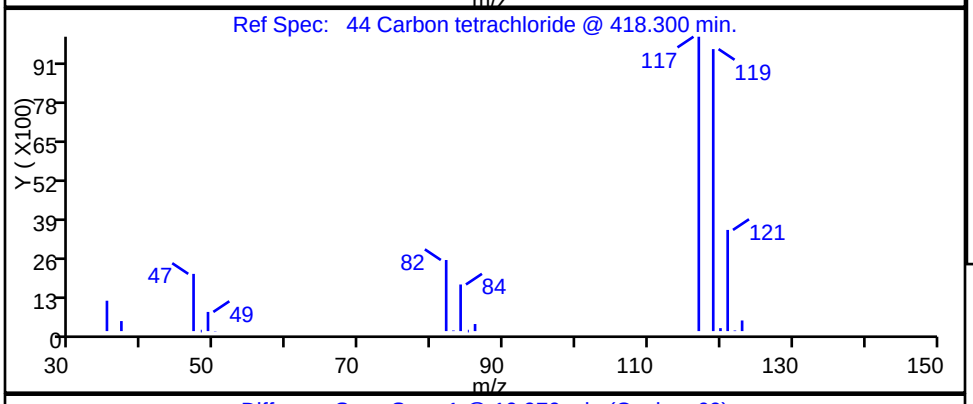
44 Carbon tetrachloride, CAS: 56-23-5

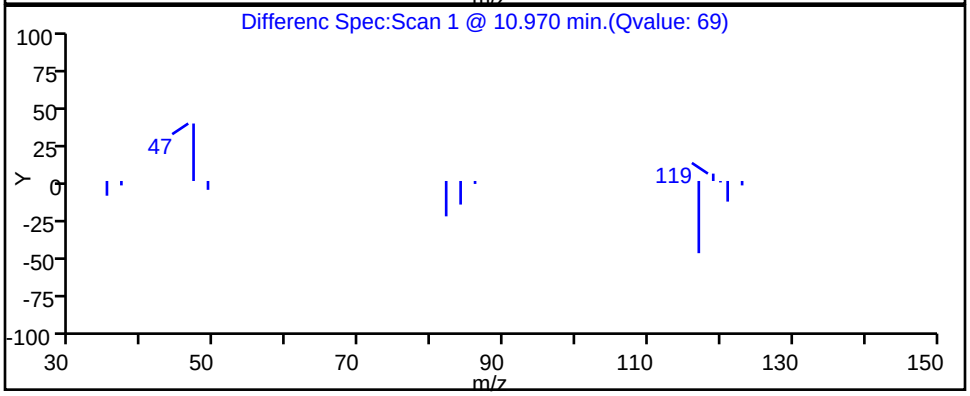












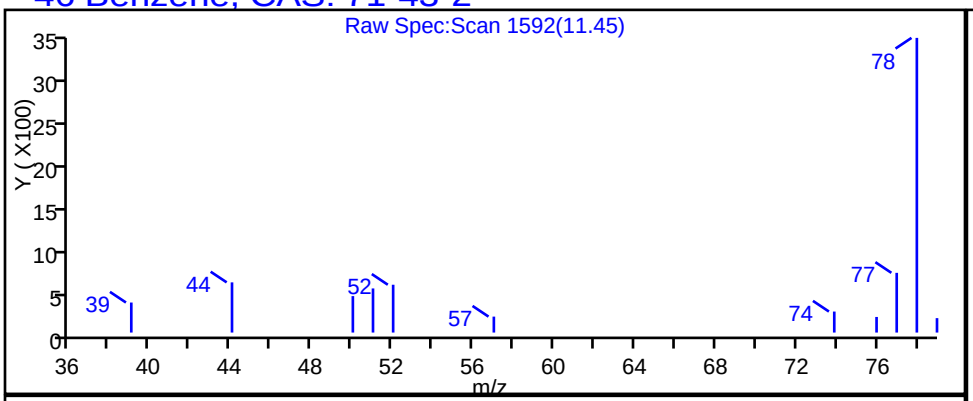
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

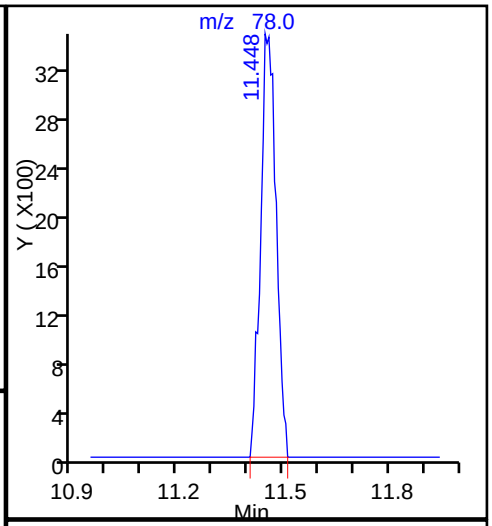
TestAmerica Burlington

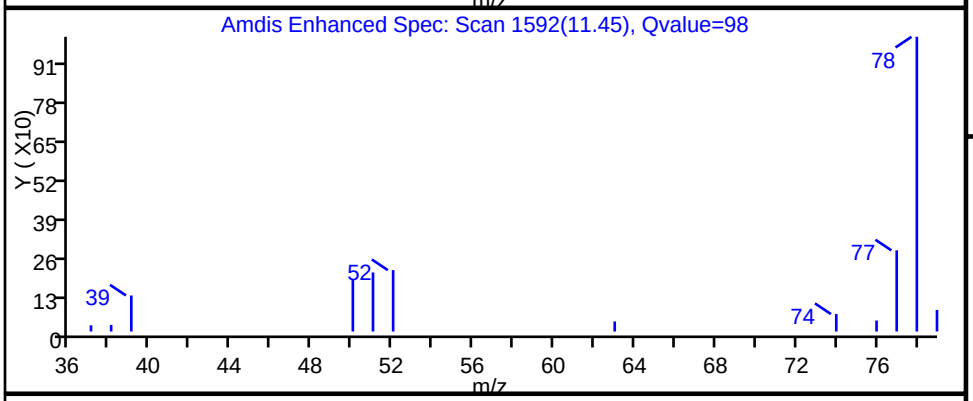
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

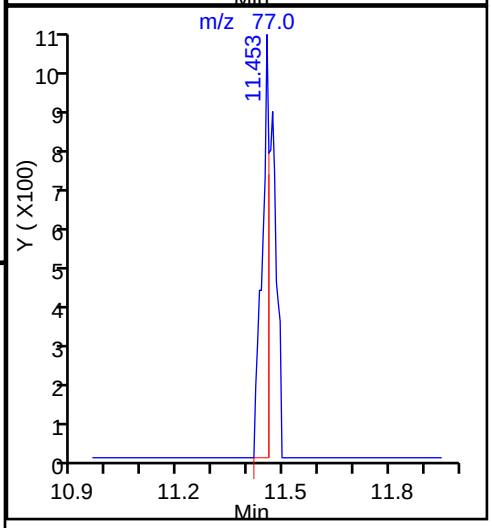
Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

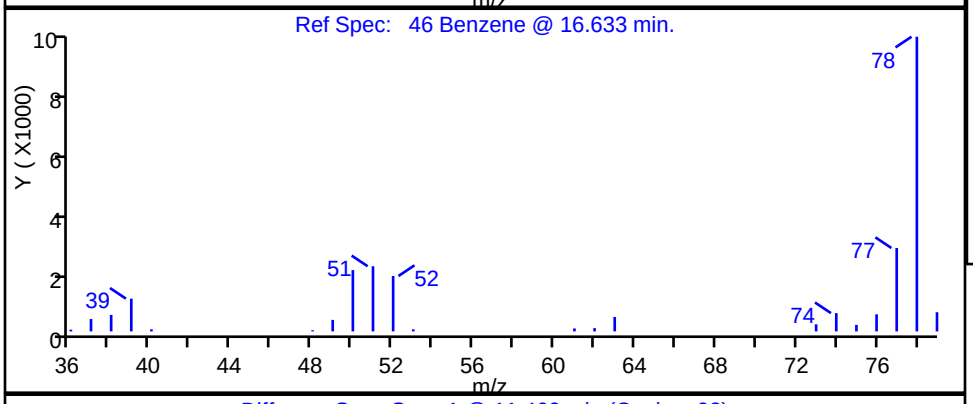
46 Benzene, CAS: 71-43-2

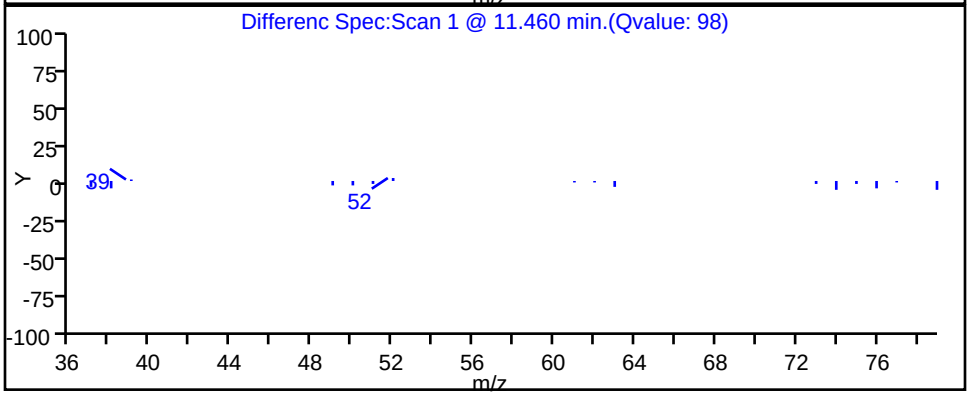












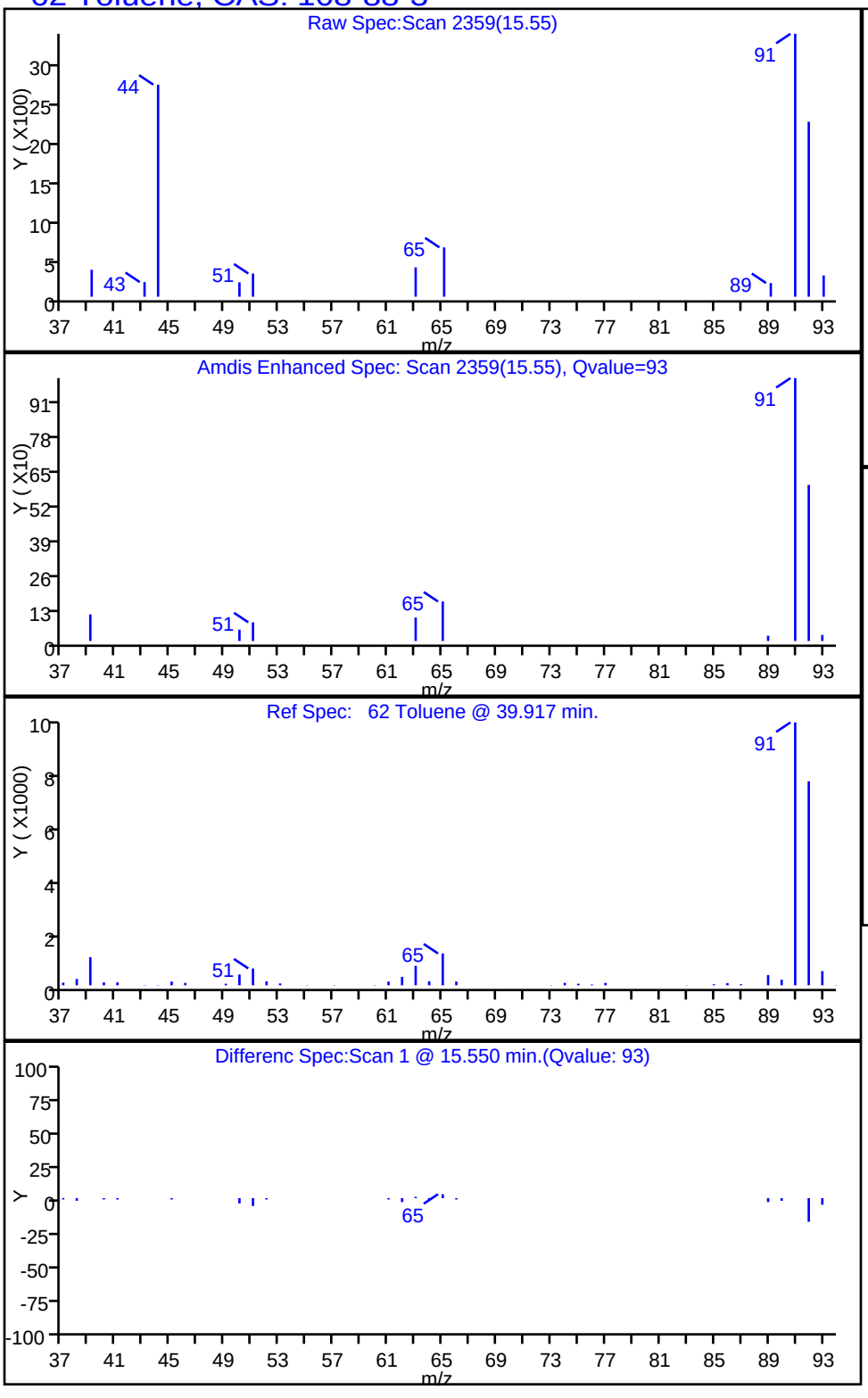
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

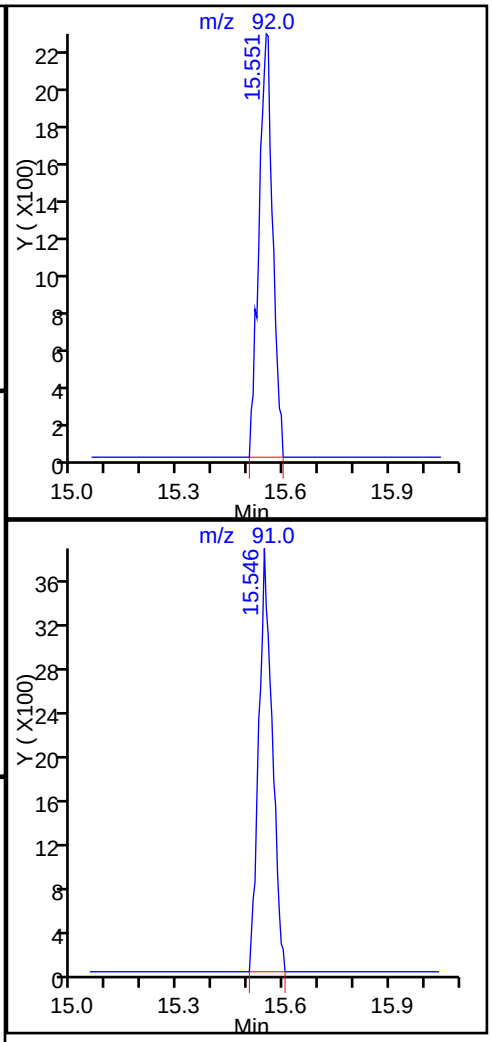
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

62 Toluene, CAS: 108-88-3





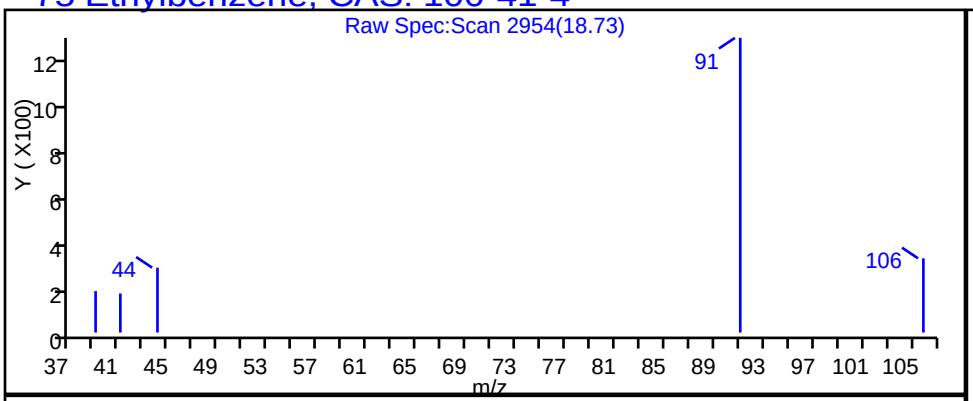
Report Date: 29-Jan-2015 09:20:25 Chrom Revision: 2.2 15-Jan-2015 13:05:58

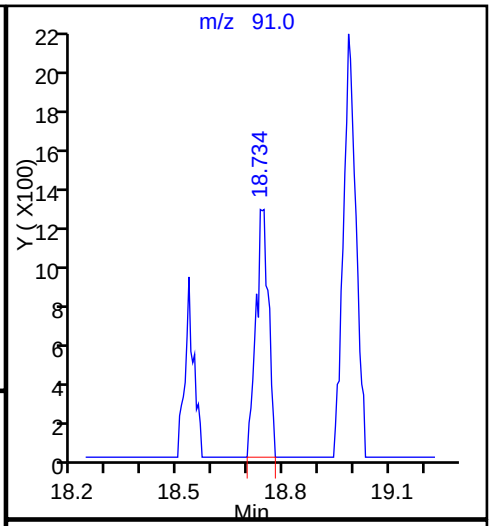
TestAmerica Burlington

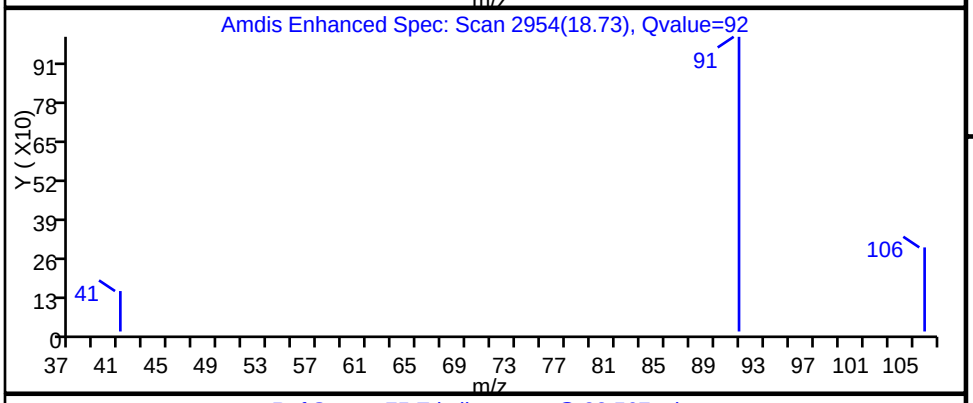
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-024.D

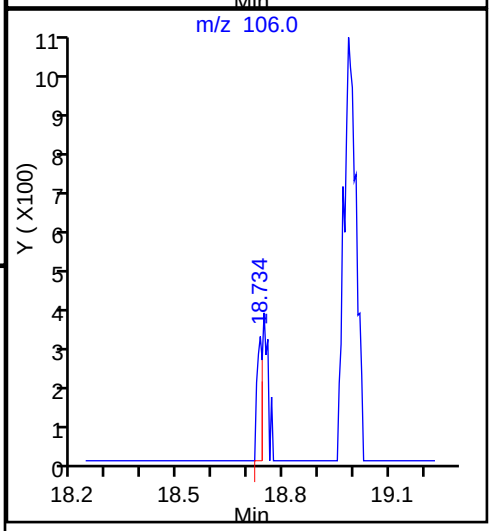
Injection Date:	29-Jan-2015 03:29:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-18	Lab Sample ID:	200-64806-18		
Client ID:	774IA1MA				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

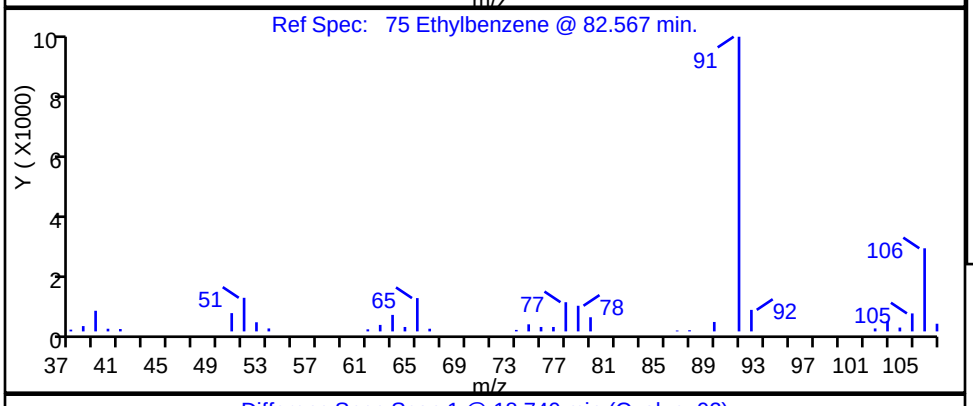
75 Ethylbenzene, CAS: 100-41-4

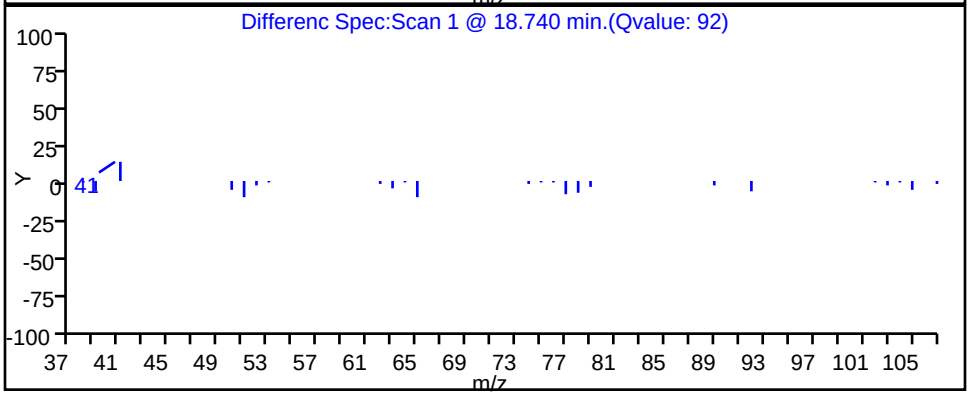












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776OA1MA Lab Sample ID: 280-64806-19

Matrix: Air Lab File ID: 11847-025.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.55		0.50	0.056
75-45-6	Freon 22	86.47	0.24	J	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.53		0.50	0.060
106-97-8	n-Butane	58.12	0.58		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.045
76-13-1	Freon TF	187.38	0.069	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.5	U	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.24	J	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.072	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.20		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776OA1MA Lab Sample ID: 280-64806-19

Matrix: Air Lab File ID: 11847-025.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.13	J	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.060	U	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	U	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776OA1MA Lab Sample ID: 280-64806-19

Matrix: Air Lab File ID: 11847-025.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776OA1MA Lab Sample ID: 280-64806-19

Matrix: Air Lab File ID: 11847-025.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.28
75-45-6	Freon 22	86.47	0.86	J	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	1.1		1.0	0.12
106-97-8	n-Butane	58.12	1.4		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.25
76-13-1	Freon TF	187.38	0.53	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	5.9	U	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.82	J	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.45	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.63		0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776OA1MA Lab Sample ID: 280-64806-19

Matrix: Air Lab File ID: 11847-025.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.49	J	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.26	U	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	U	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 774776OA1MA Lab Sample ID: 280-64806-19

Matrix: Air Lab File ID: 11847-025.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D
Lims ID: 280-64806-A-19 Lab Sample ID: 200-64806-19
Client ID: 774776OA1MA
Sample Type: Client
Inject. Date: 29-Jan-2015 04:16:30 ALS Bottle#: 6 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011847-025
Misc. Info.: 280-64806-19
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 29-Jan-2015 09:21:12 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: desjardinsb Date: 29-Jan-2015 09:21:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.108	3.119	-0.011	99	19645	0.5502	
3 Chlorodifluoromethane	51	3.162	3.167	-0.005	96	5086	0.2422	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.381				ND	
5 Chloromethane	50	3.520	3.520	0.000	99	6022	0.5252	
6 Butane	43	3.713	3.718	-0.005	96	11005	0.5818	
7 Vinyl chloride	62		3.766				ND	
8 Butadiene	54		3.836				ND	
9 Bromomethane	94		4.515				ND	
10 Chloroethane	64		4.750				ND	
12 Vinyl bromide	106		5.136				ND	
13 Trichlorofluoromethane	101	5.221	5.221	0.000	98	8789	0.2406	
18 1,1,2-Trichloro-1,2,2-trif	101	6.264	6.286	-0.022	52	1707	0.0690	
20 1,1-Dichloroethene	96		6.339				ND	
21 Acetone	43		6.585				ND	
22 Carbon disulfide	76		6.735				ND	
23 Isopropyl alcohol	45		6.858				ND	
24 3-Chloro-1-propene	41		7.126				ND	
26 Methylene Chloride	49	7.415	7.420	-0.006	97	3531	0.2369	
28 2-Methyl-2-propanol	59		7.623				ND	
29 Methyl tert-butyl ether	73		7.805				ND	
30 trans-1,2-Dichloroethene	61		7.848				ND	
32 Hexane	57		8.222				ND	
33 1,1-Dichloroethane	63		8.736				ND	
35 cis-1,2-Dichloroethene	96		9.849				ND	
36 2-Butanone (MEK)	72		9.897				ND	
S 38 1,2-Dichloroethene, Total	61		10.000				ND	
39 Tetrahydrofuran	42		10.314				ND	
* 40 Chlorobromomethane	128	10.314	10.325	-0.011	93	129953	10.0	
41 Chloroform	83		10.453				ND	
42 Cyclohexane	84		10.689				ND	
43 1,1,1-Trichloroethane	97		10.731				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	44 Carbon tetrachloride	117	10.961	10.977	-0.016	89	2512	0.0719	
	45 Isooctane	57		11.411				ND	
	46 Benzene	78	11.464	11.470	-0.006	98	9663	0.1963	
	47 1,2-Dichloroethane	62		11.662				ND	
	48 n-Heptane	43		11.801				ND	
*	50 1,4-Difluorobenzene	114	12.315	12.326	-0.011	96	773192	10.0	
	52 Trichloroethene	95		12.802				ND	
	53 1,2-Dichloropropane	63		13.401				ND	
	54 Methyl methacrylate	69		13.551				ND	
	55 1,4-Dioxane	88		13.615				ND	
	57 Dichlorobromomethane	83		13.973				ND	
	58 cis-1,3-Dichloropropene	75		14.947				ND	
	61 4-Methyl-2-pentanone (MIBK	43		15.241				ND	
	62 Toluene	92	15.551	15.557	-0.006	90	4818	0.1291	
	67 trans-1,3-Dichloropropene	75		16.172				ND	
	68 1,1,2-Trichloroethane	83		16.563				ND	
	69 Tetrachloroethene	166		16.659				ND	
	70 2-Hexanone	43		17.012				ND	
	71 Chlorodibromomethane	129		17.349				ND	
	72 Ethylene Dibromide	107		17.632				ND	
*	73 Chlorobenzene-d5	117	18.531	18.537	-0.006	88	754114	10.0	
	74 Chlorobenzene	112		18.595				ND	
	75 Ethylbenzene	91		18.740				ND	
	77 m-Xylene & p-Xylene	106		18.997				ND	
	78 o-Xylene	106		19.804				ND	
	79 Styrene	104		19.847				ND	
S	80 Xylenes, Total	106		20.000				ND	
	81 Bromoform	173		20.254				ND	
	82 Isopropylbenzene	105		20.430				ND	
*	83 4-Bromofluorobenzene	95	20.789	20.789	0.000	90	562748	10.0	
	85 1,1,2,2-Tetrachloroethane	83		21.051				ND	
	86 N-Propylbenzene	91		21.110				ND	
	89 4-Ethyltoluene	105		21.292				ND	
	90 2-Chlorotoluene	91		21.308				ND	
	91 1,3,5-Trimethylbenzene	105		21.388				ND	
	93 tert-Butylbenzene	119		21.859				ND	
	94 1,2,4-Trimethylbenzene	105		21.950				ND	
	95 sec-Butylbenzene	105		22.174				ND	
	96 4-Isopropyltoluene	119		22.372				ND	
	97 1,3-Dichlorobenzene	146		22.415				ND	
	98 1,4-Dichlorobenzene	146		22.554				ND	
	99 Benzyl chloride	91		22.763				ND	
	101 n-Butylbenzene	91		22.966				ND	
	102 1,2-Dichlorobenzene	146		23.116				ND	
	104 1,2,4-Trichlorobenzene	180		25.775				ND	
	105 Hexachlorobutadiene	225		25.962				ND	
	106 Naphthalene	128		26.315				ND	

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

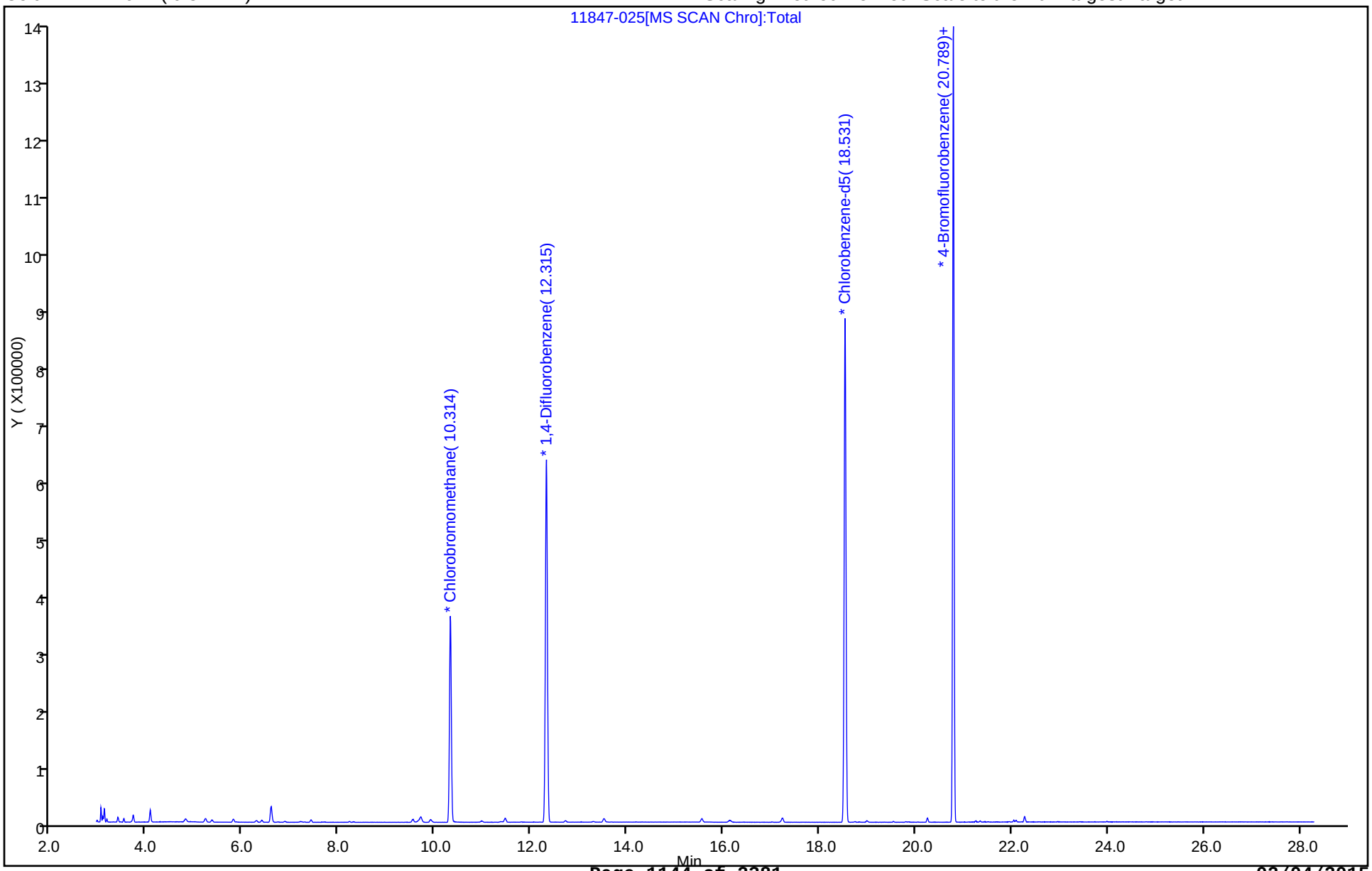
Report Date: 29-Jan-2015 09:21:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D

Injection Date:	29-Jan-2015 04:16:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	280-64806-A-19	Lab Sample ID:	200-64806-19	Worklist Smp#:	25
Client ID:	774776OA1MA				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



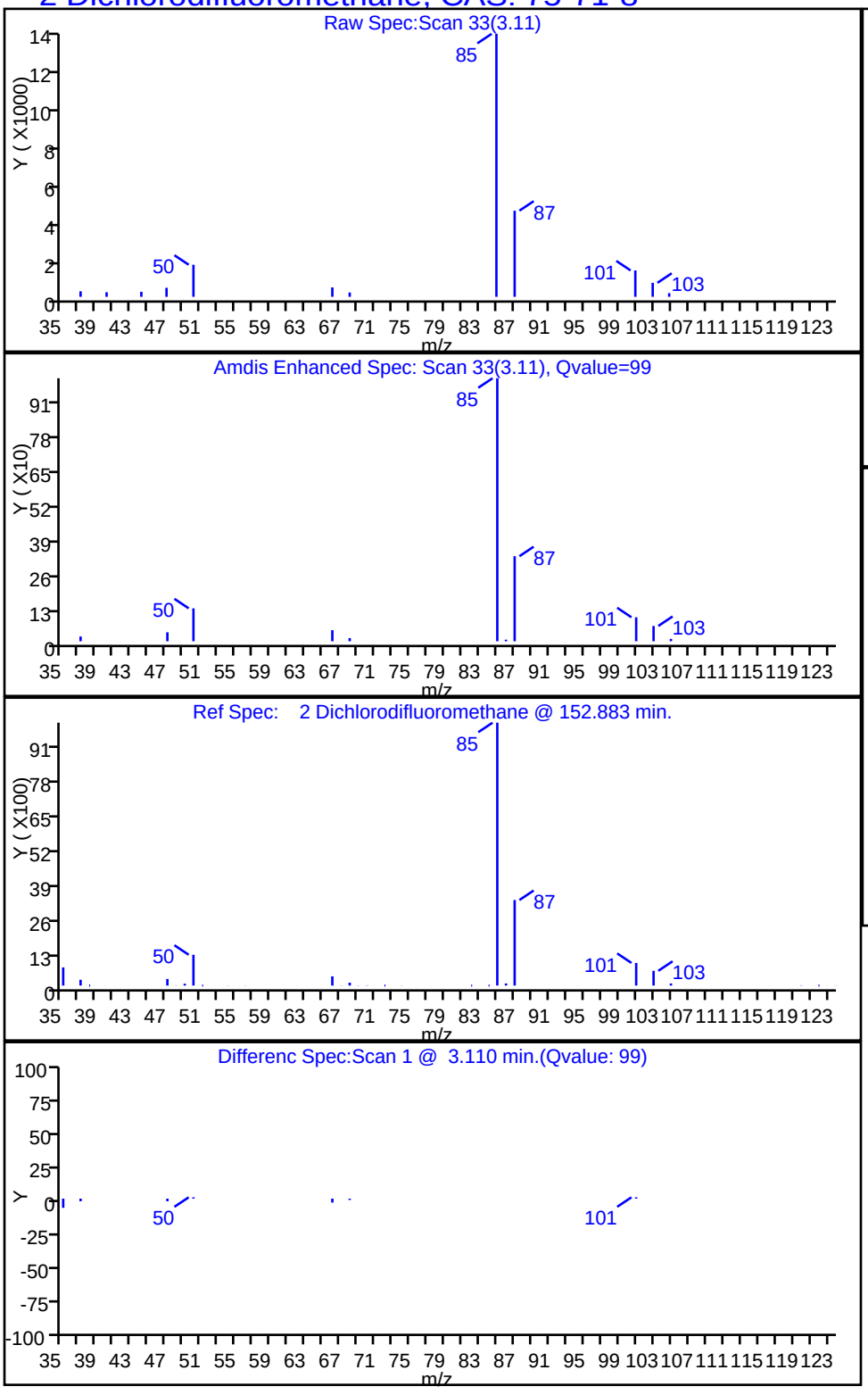
Report Date: 29-Jan-2015 09:21:12 Chrom Revision: 2.2 15-Jan-2015 13:05:58

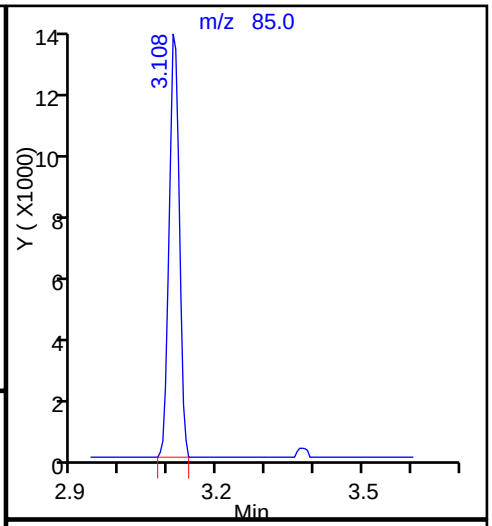
TestAmerica Burlington

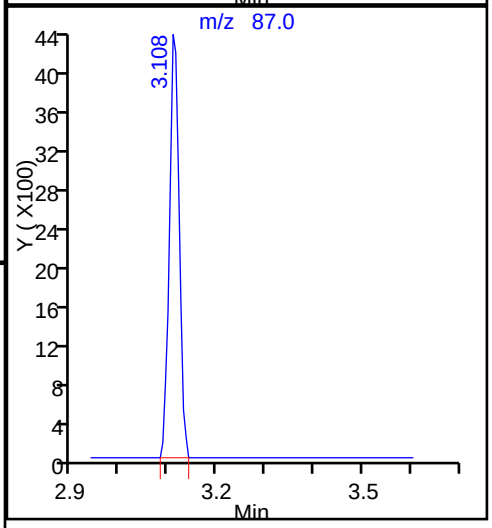
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D

Injection Date:	29-Jan-2015 04:16:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-19	Lab Sample ID:	200-64806-19		
Client ID:	774776OA1MA				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8







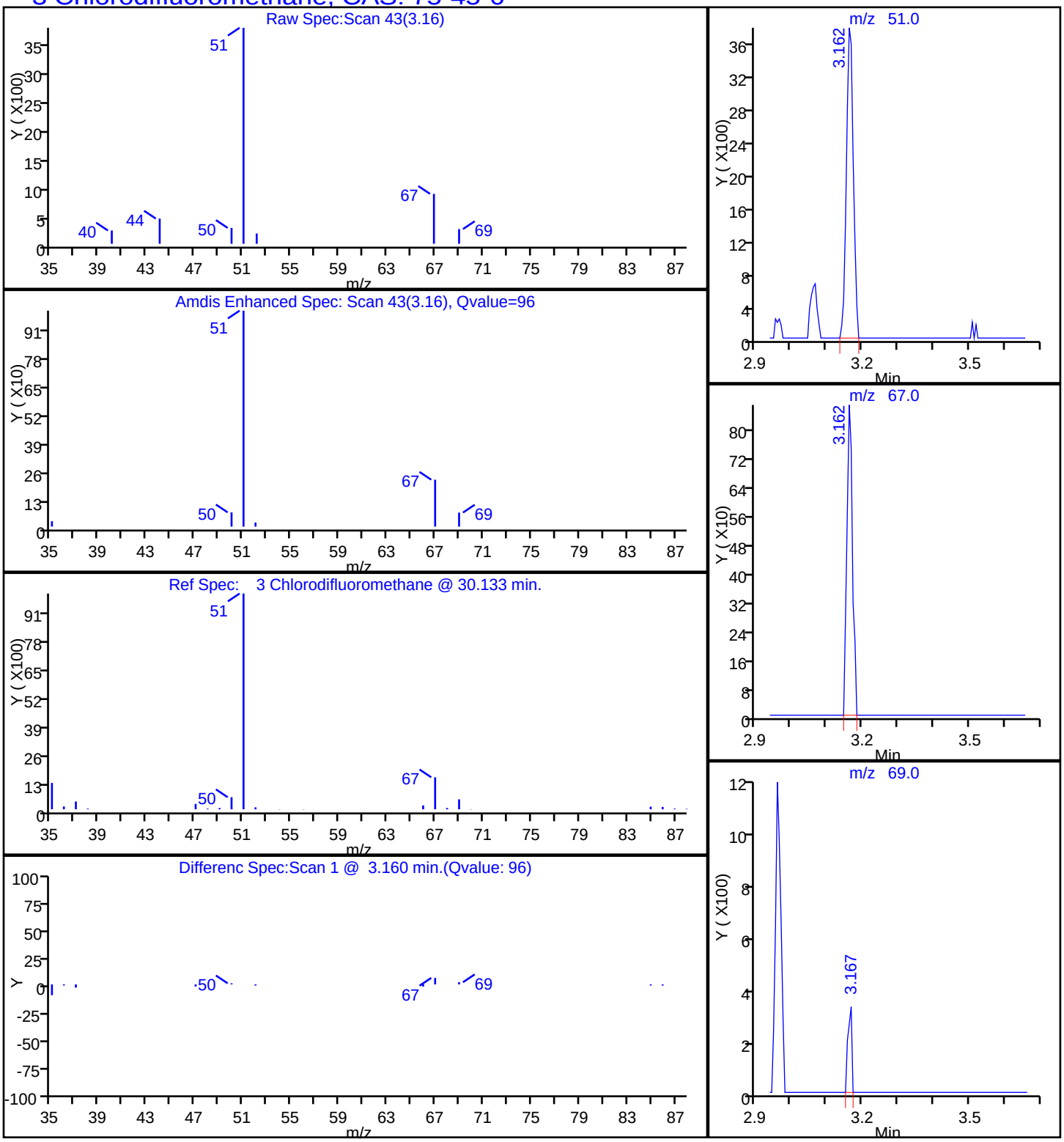
Report Date: 29-Jan-2015 09:21:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D

Injection Date:	29-Jan-2015 04:16:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-19	Lab Sample ID:	200-64806-19		
Client ID:	774776OA1MA				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



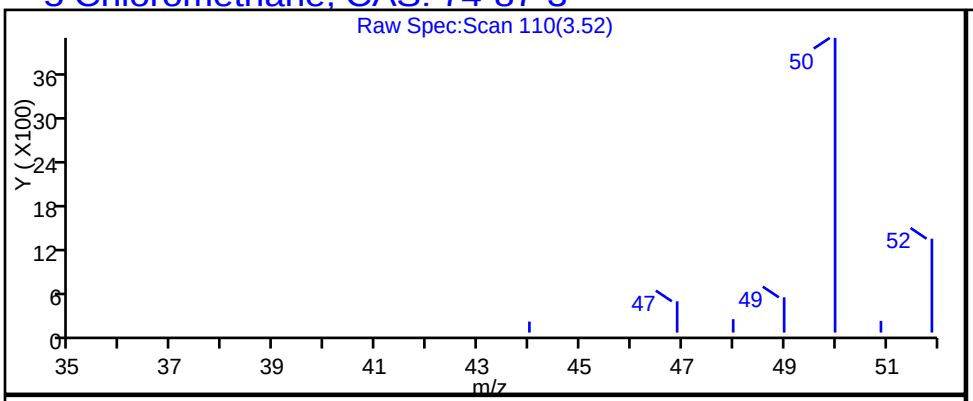
Report Date: 29-Jan-2015 09:21:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

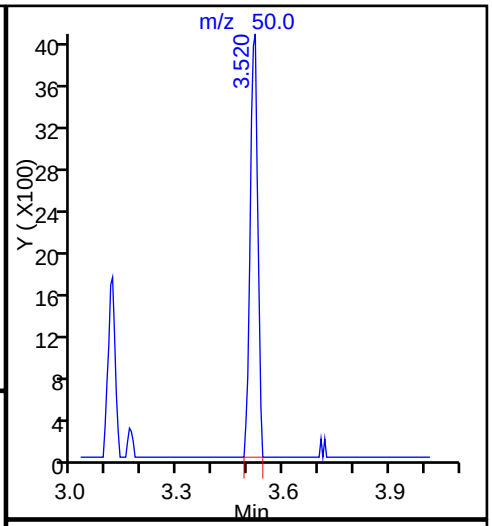
TestAmerica Burlington

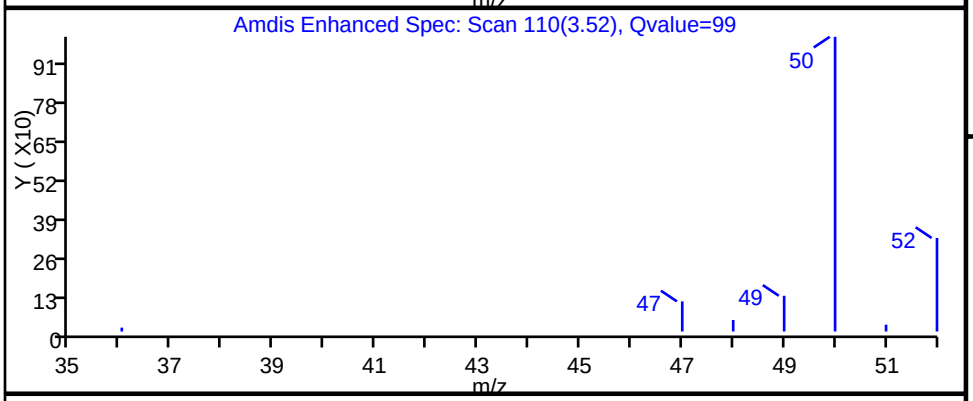
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D

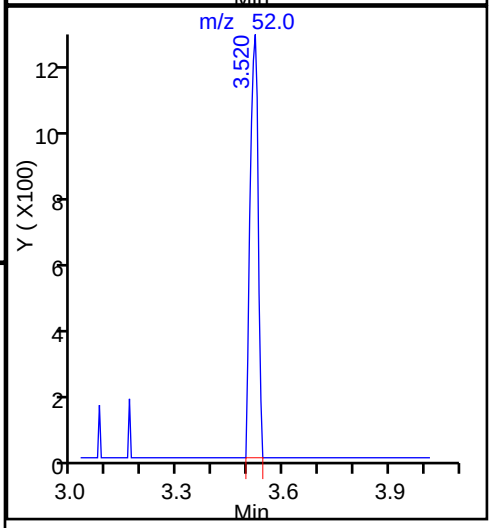
Injection Date:	29-Jan-2015 04:16:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-19	Lab Sample ID:	200-64806-19		
Client ID:	774776OA1MA				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

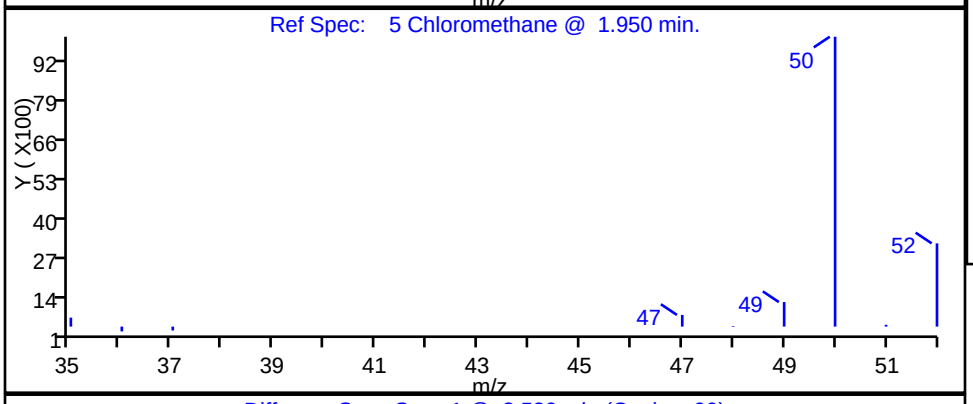
5 Chloromethane, CAS: 74-87-3

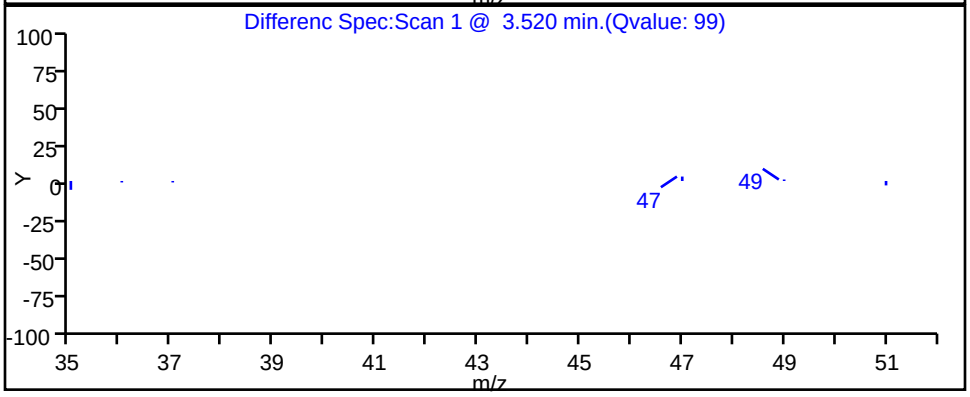












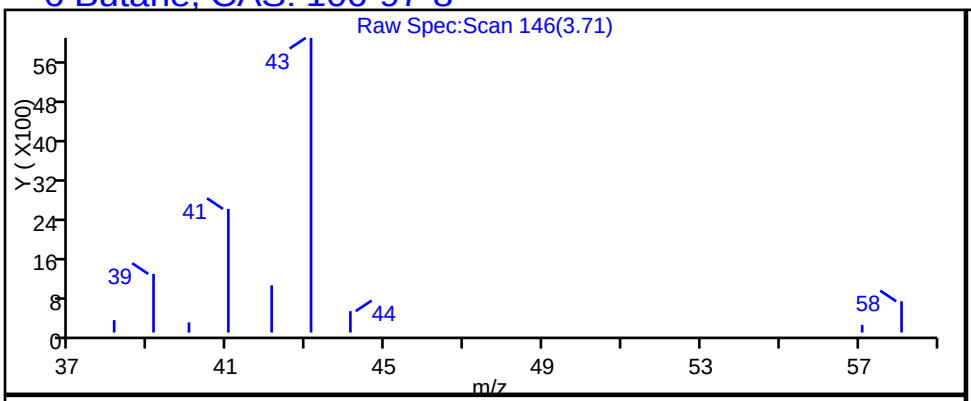
Report Date: 29-Jan-2015 09:21:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

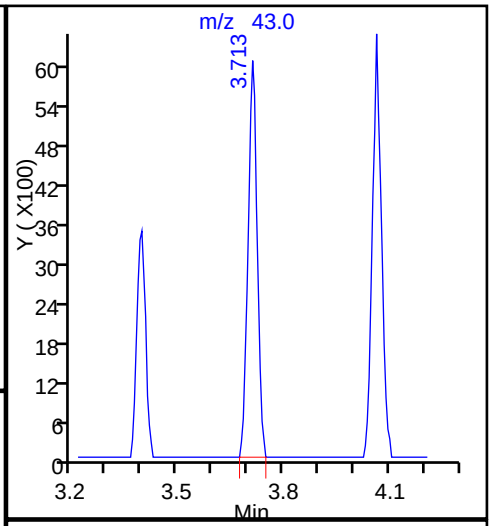
TestAmerica Burlington

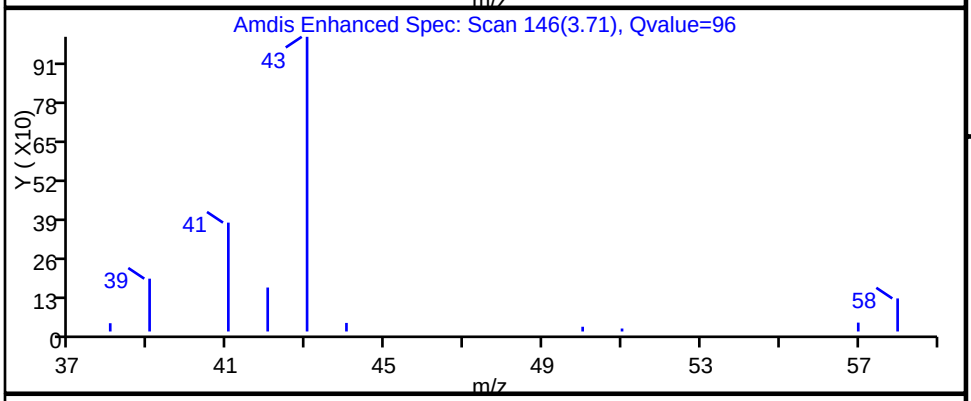
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D

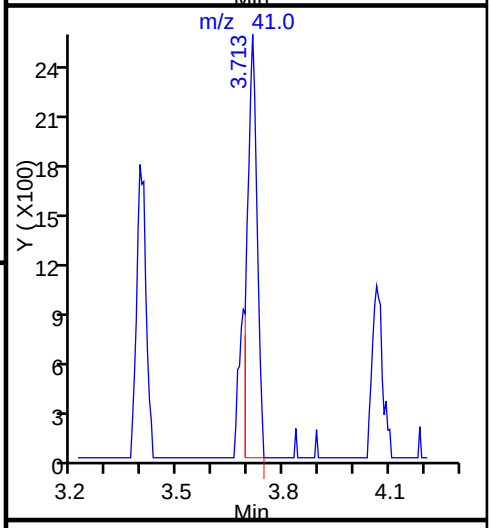
Injection Date:	29-Jan-2015 04:16:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-19	Lab Sample ID:	200-64806-19		
Client ID:	774776OA1MA				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

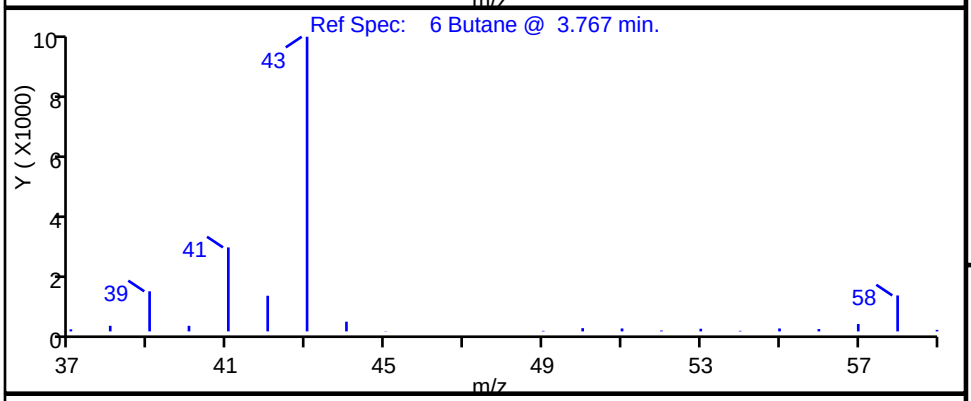
6 Butane, CAS: 106-97-8

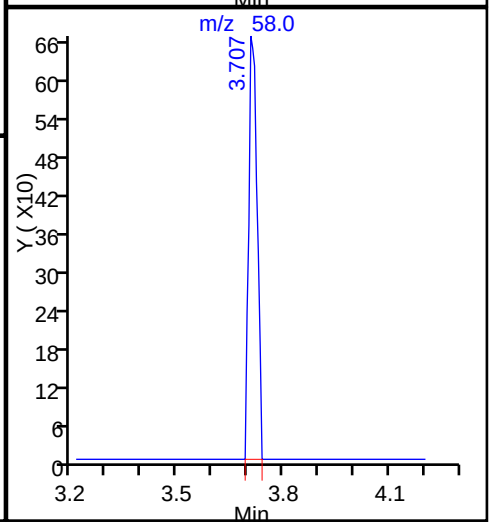


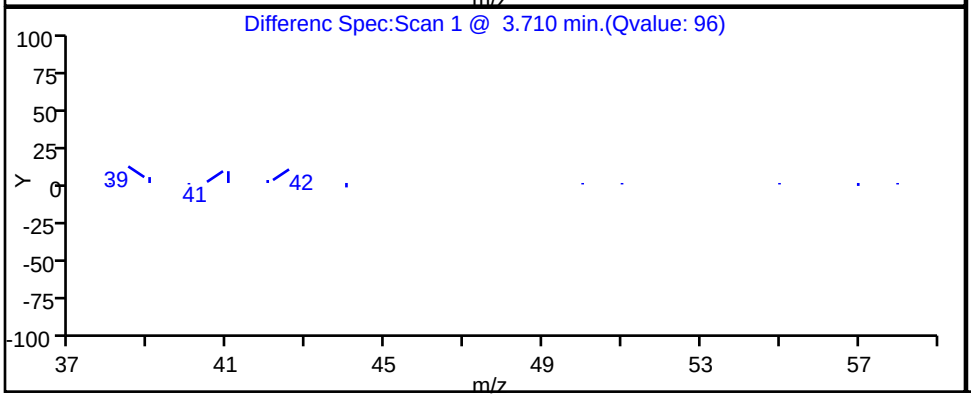












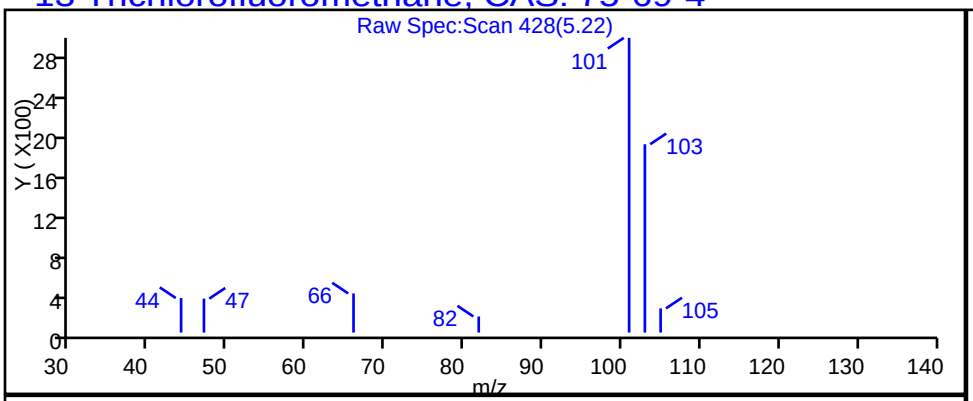
Report Date: 29-Jan-2015 09:21:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

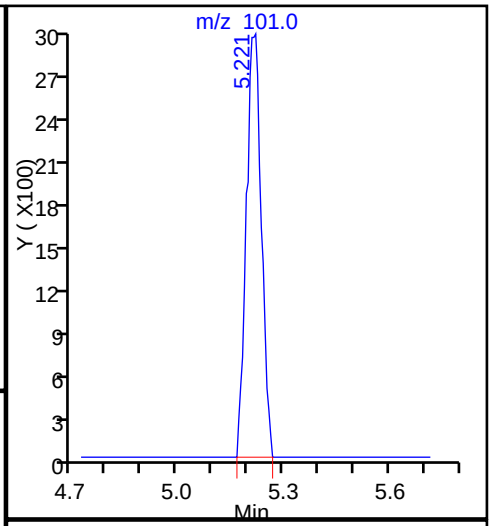
TestAmerica Burlington

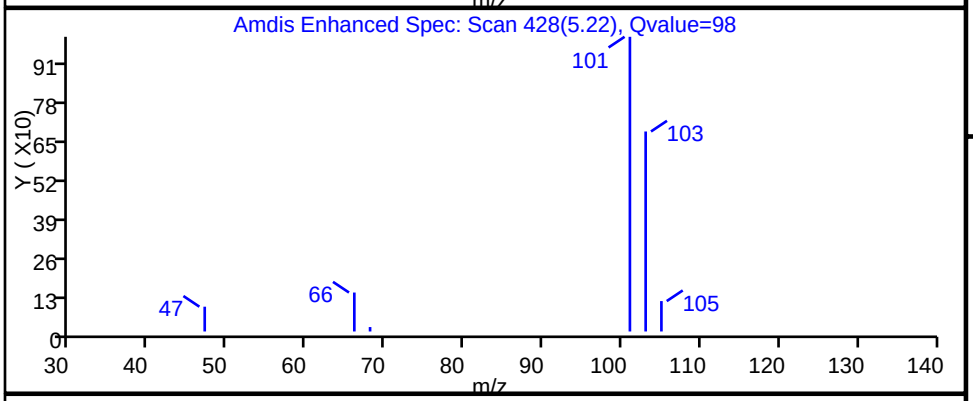
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D

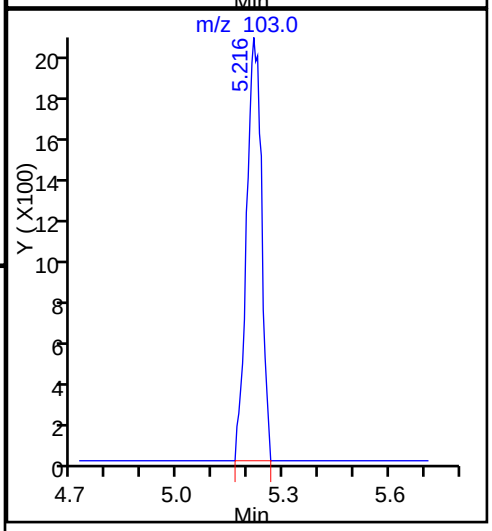
Injection Date:	29-Jan-2015 04:16:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-19	Lab Sample ID:	200-64806-19		
Client ID:	774776OA1MA				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

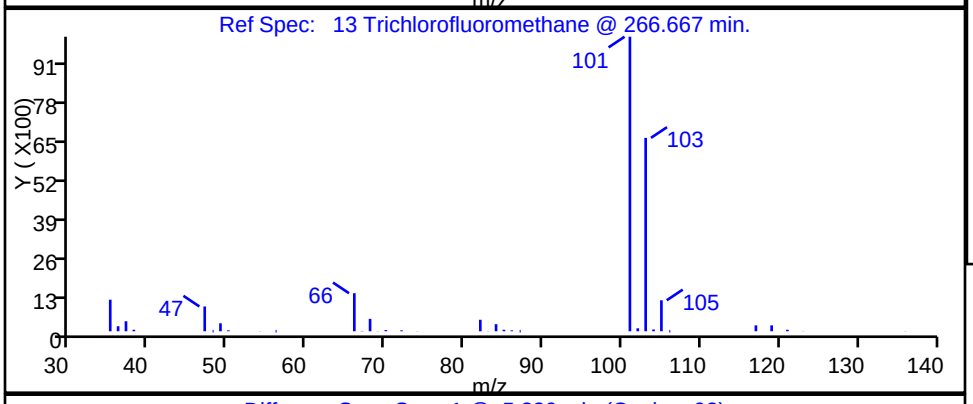
13 Trichlorofluoromethane, CAS: 75-69-4

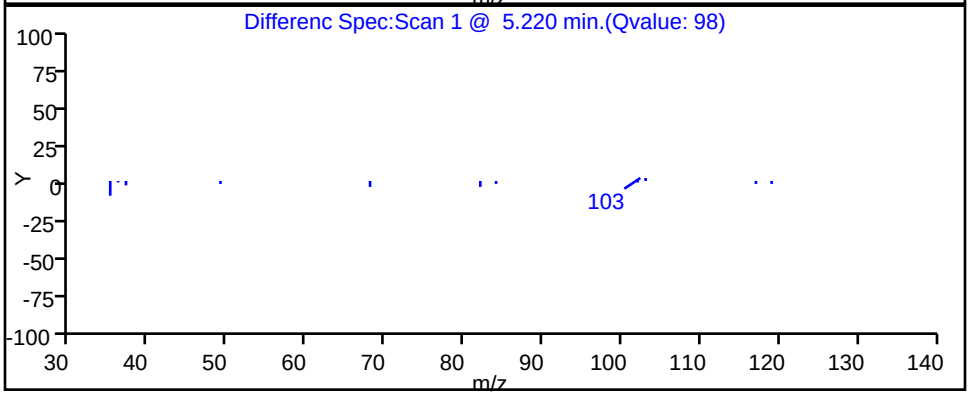








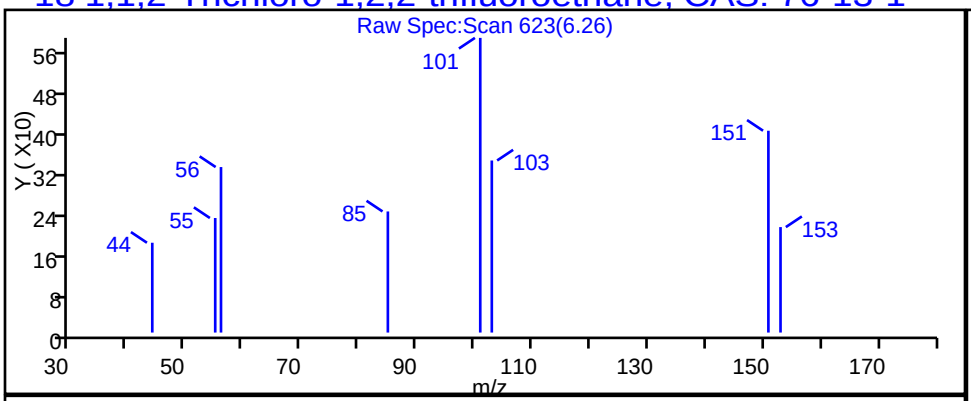


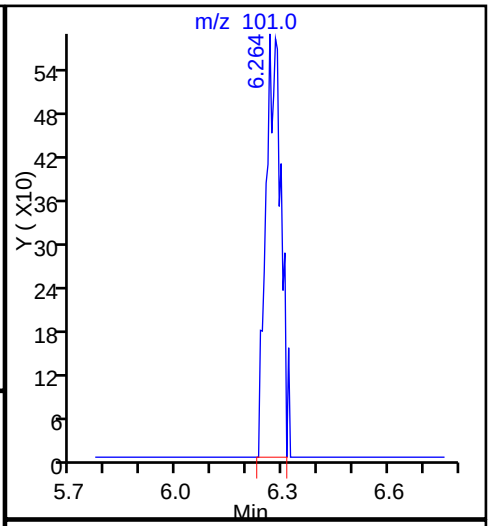


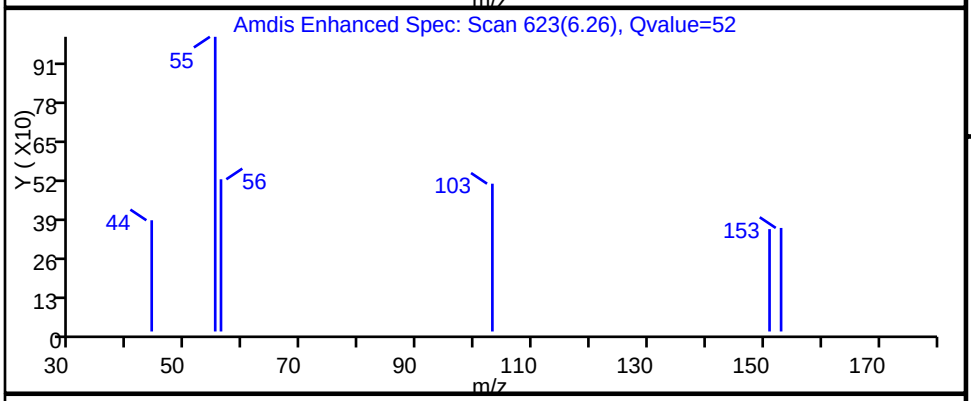
TestAmerica Burlington

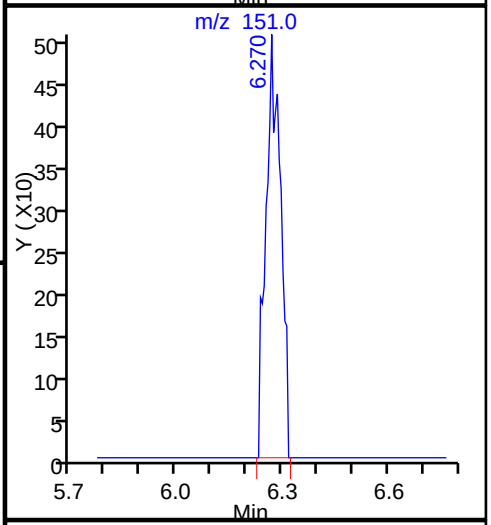
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D				
Injection Date:	29-Jan-2015 04:16:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-19	Lab Sample ID:	200-64806-19		
Client ID:	774776OA1MA				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

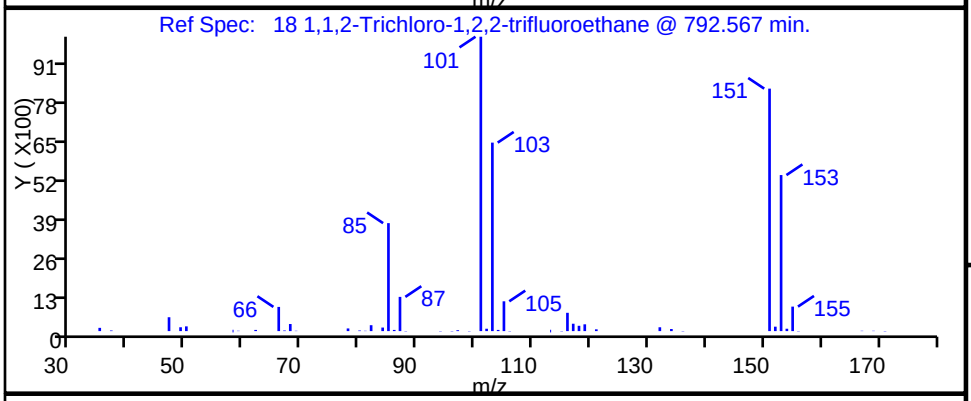
18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

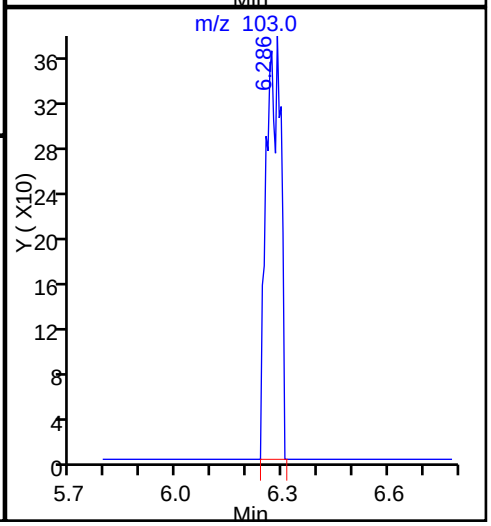


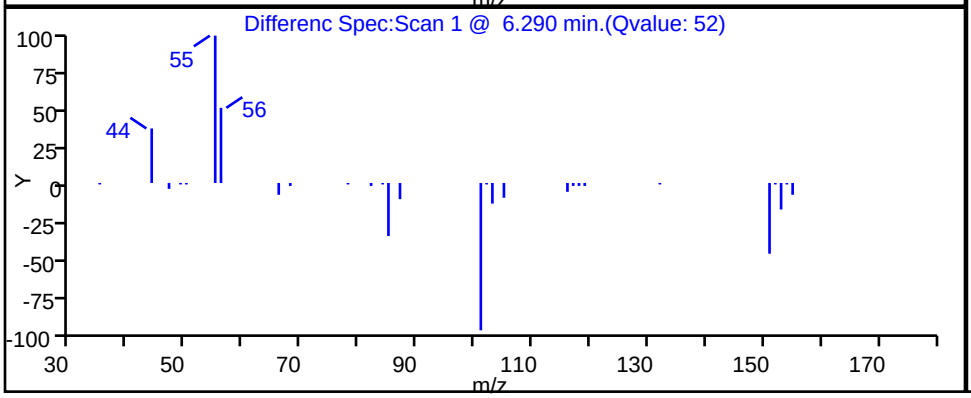












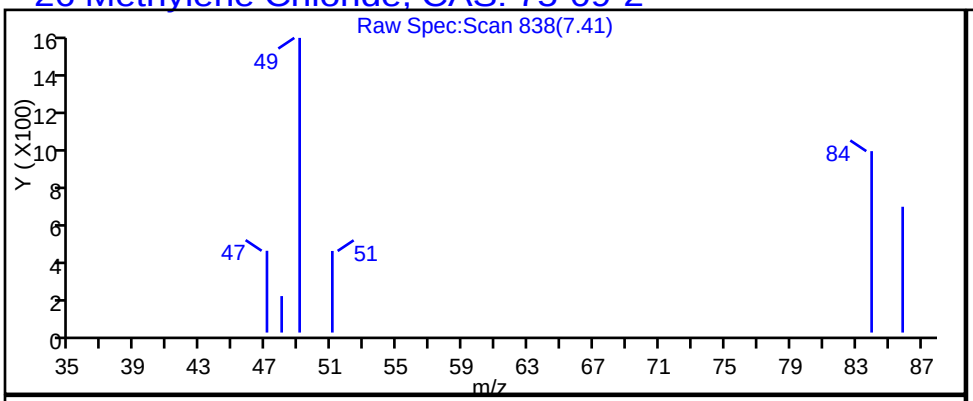
Report Date: 29-Jan-2015 09:21:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

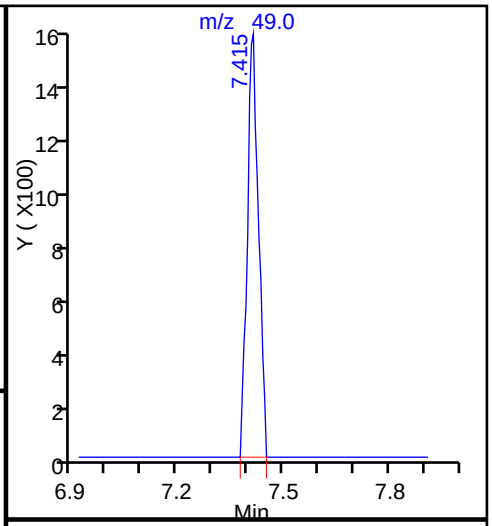
TestAmerica Burlington

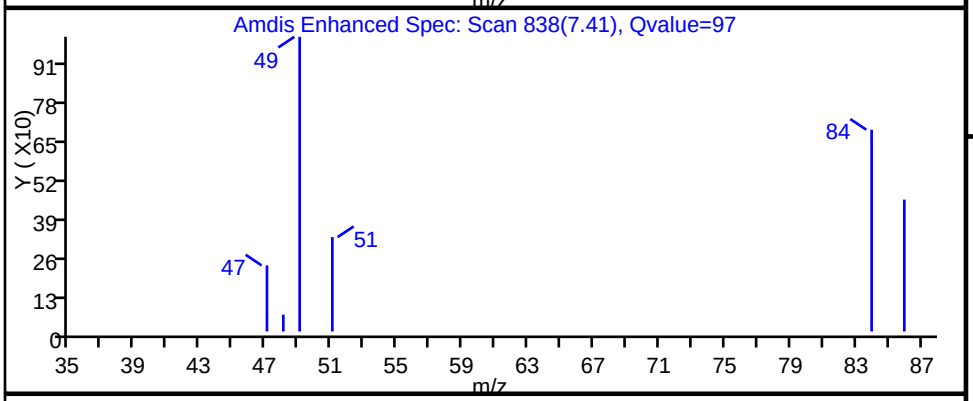
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D

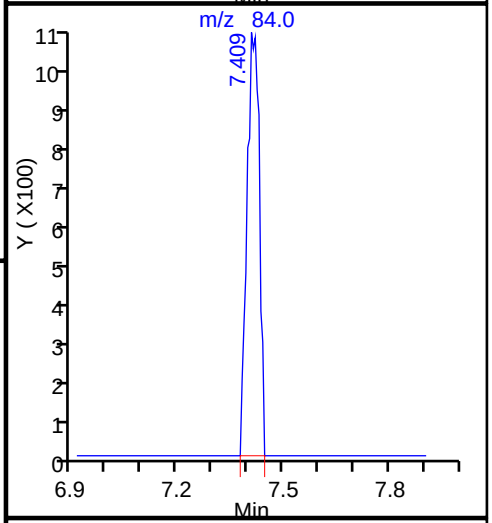
Injection Date:	29-Jan-2015 04:16:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-19	Lab Sample ID:	200-64806-19		
Client ID:	774776OA1MA				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

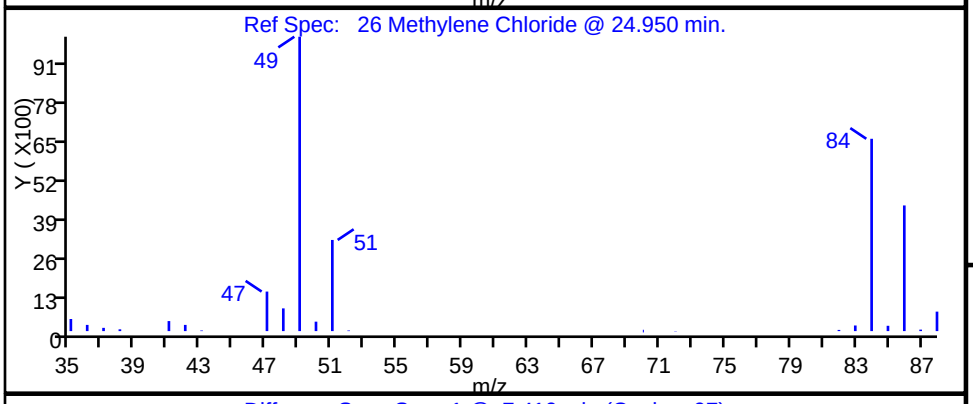
26 Methylene Chloride, CAS: 75-09-2

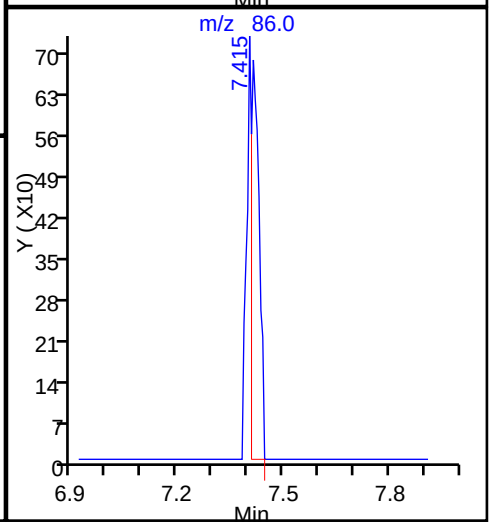


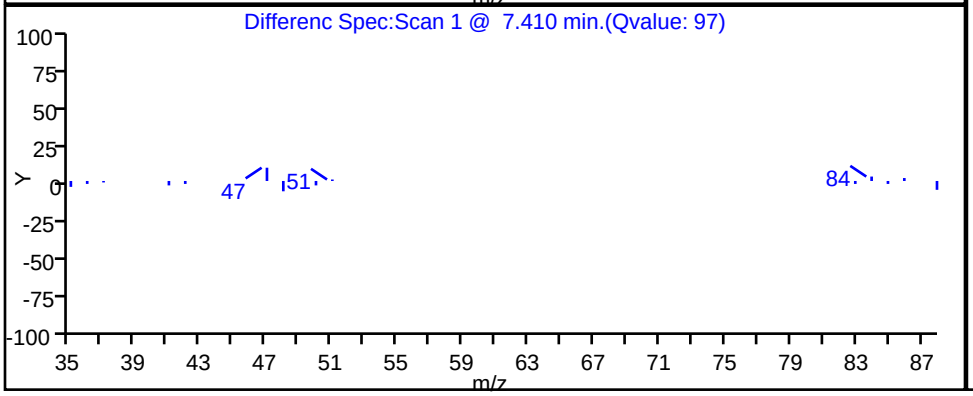












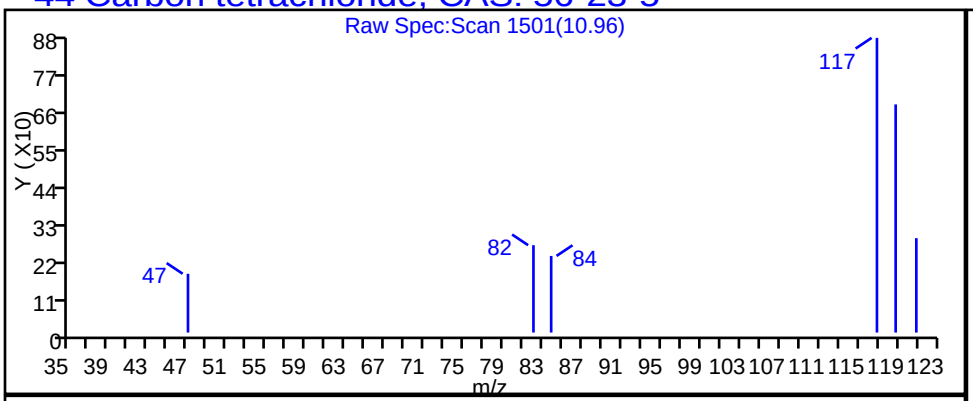
Report Date: 29-Jan-2015 09:21:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

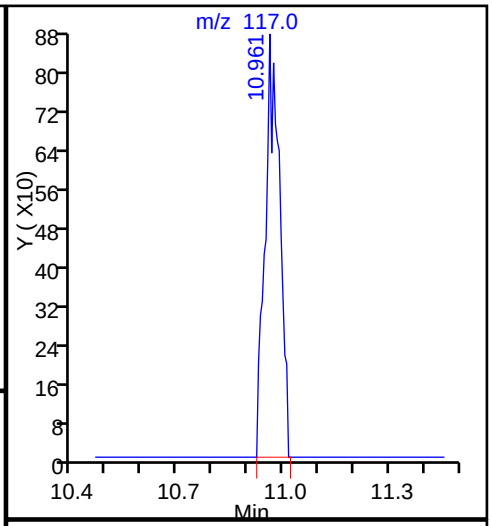
TestAmerica Burlington

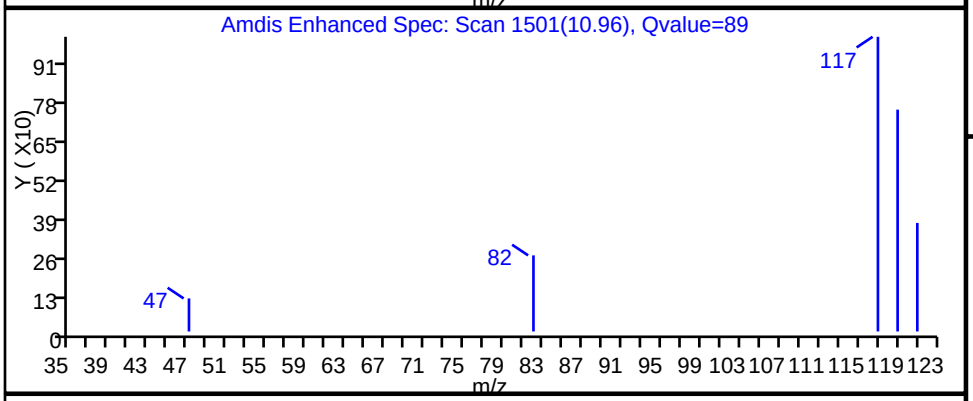
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D

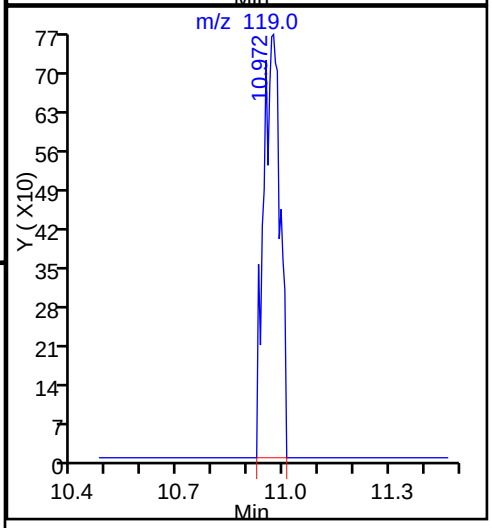
Injection Date:	29-Jan-2015 04:16:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-19	Lab Sample ID:	200-64806-19		
Client ID:	774776OA1MA				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

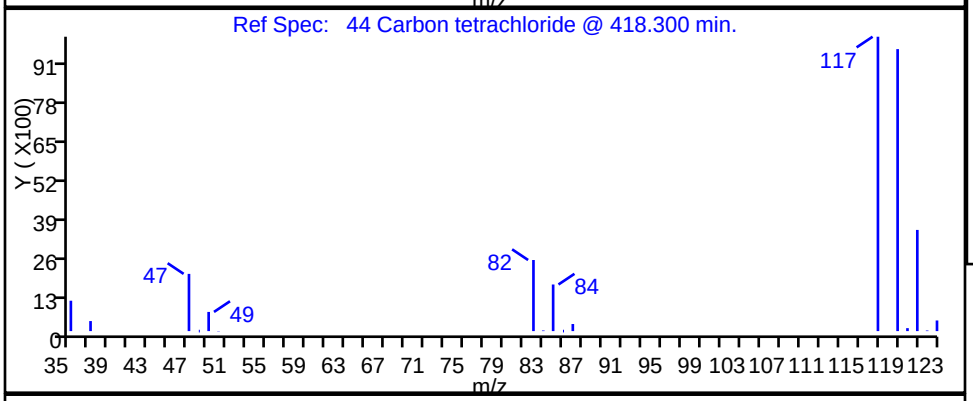
44 Carbon tetrachloride, CAS: 56-23-5

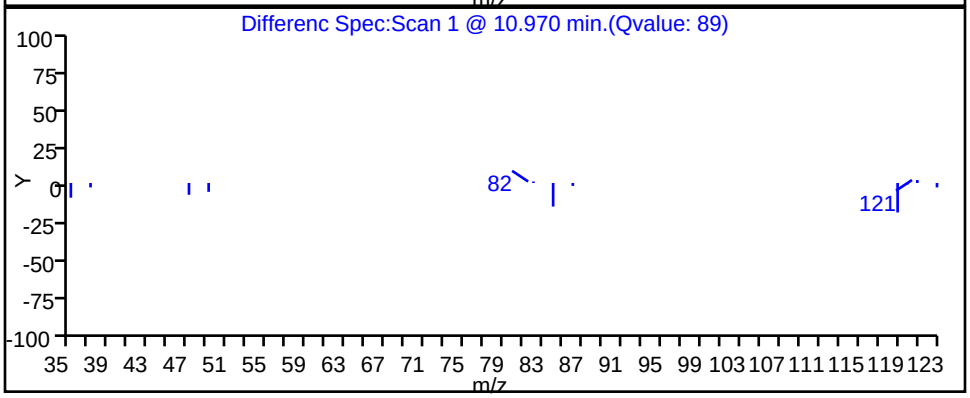










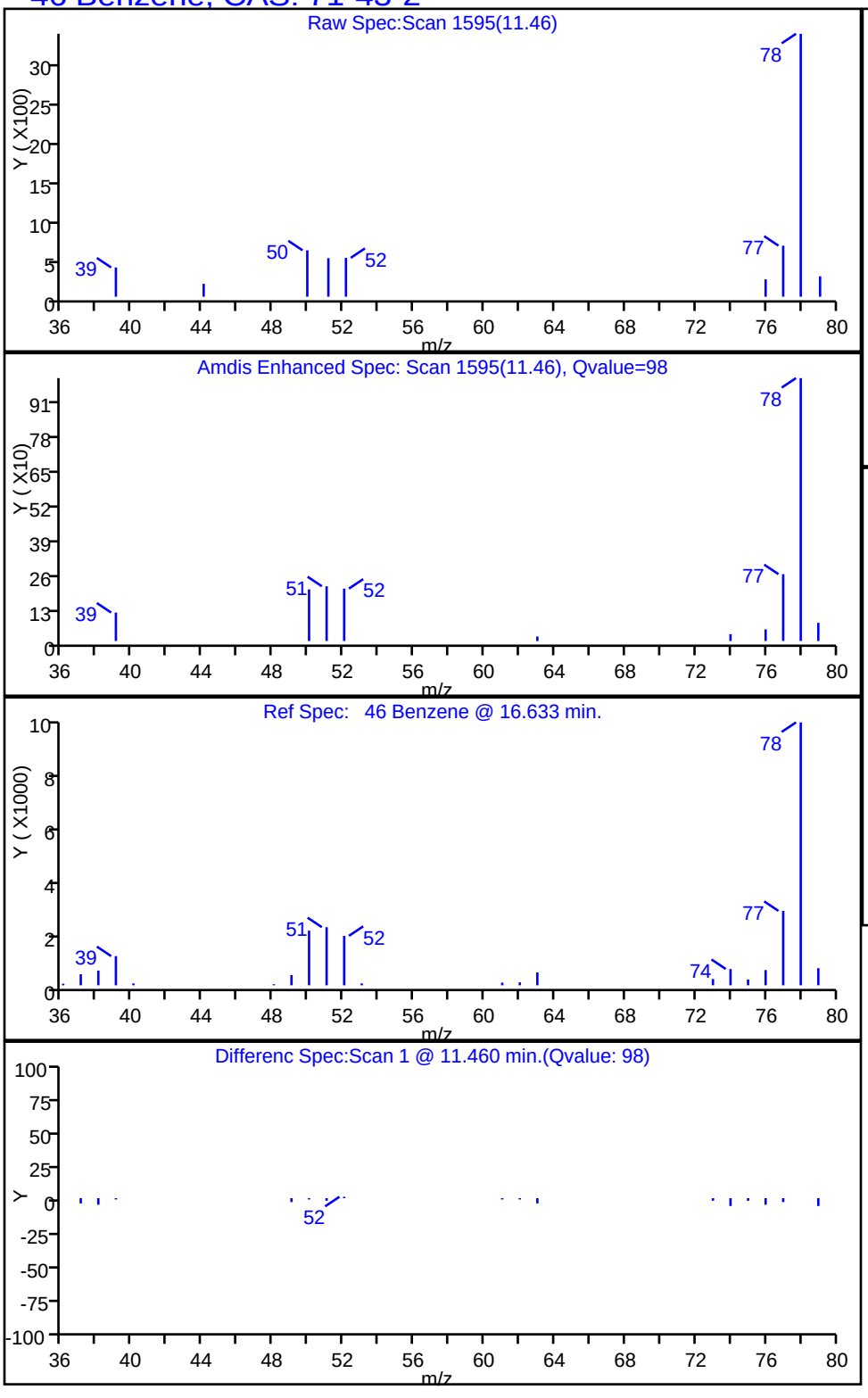


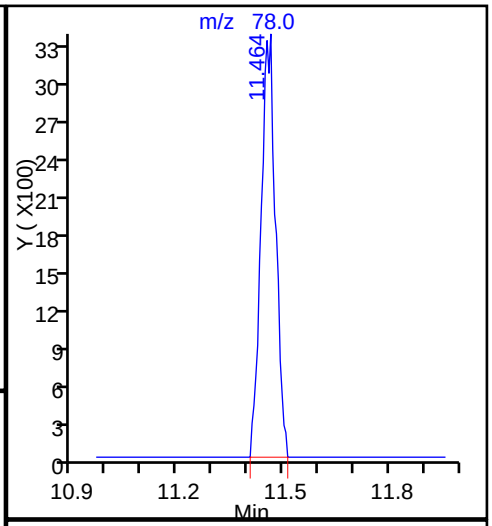
Report Date: 29-Jan-2015 09:21:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

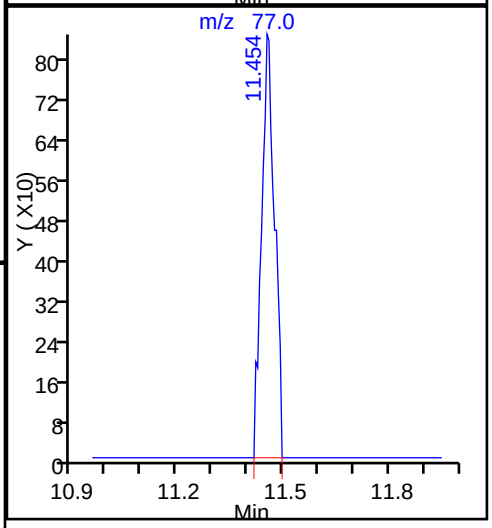
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D				
Injection Date:	29-Jan-2015 04:16:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-19	Lab Sample ID:	200-64806-19		
Client ID:	774776OA1MA				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Benzene, CAS: 71-43-2







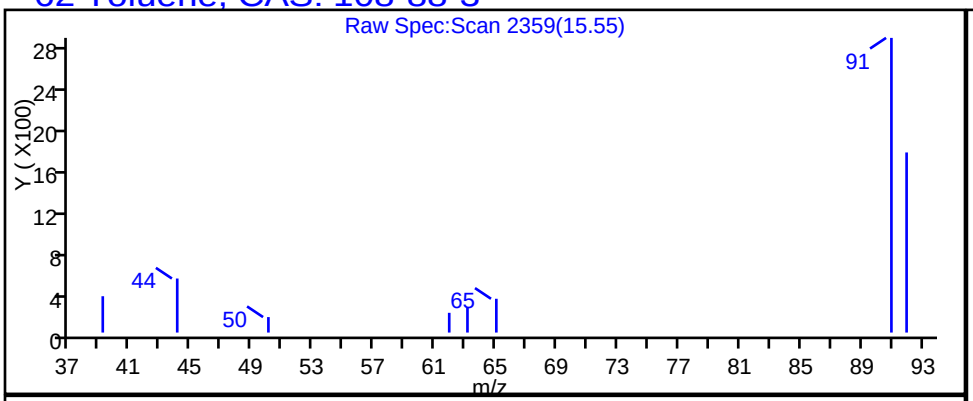
Report Date: 29-Jan-2015 09:21:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

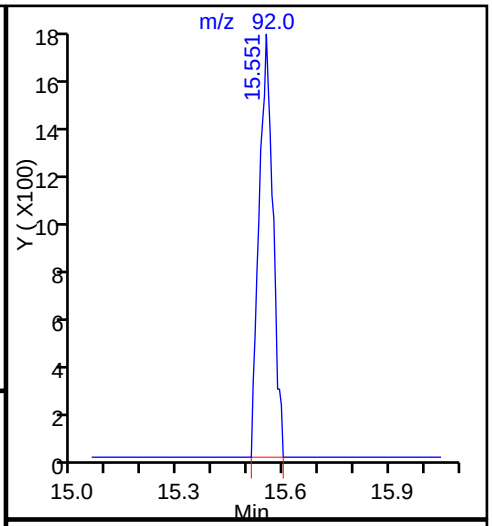
TestAmerica Burlington

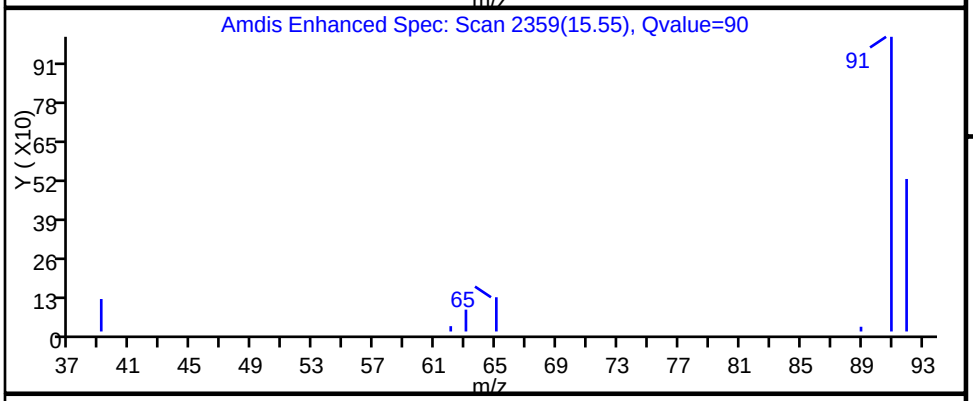
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-025.D

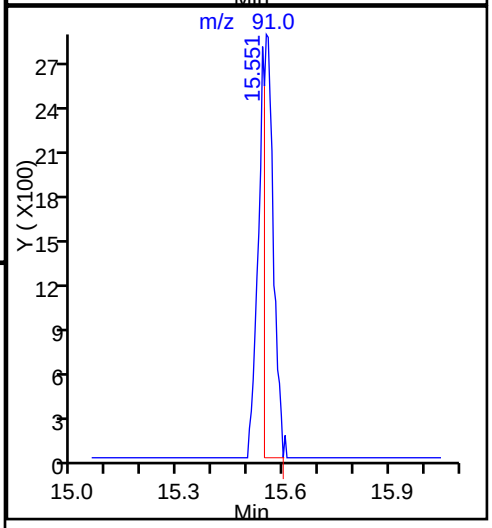
Injection Date:	29-Jan-2015 04:16:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-19	Lab Sample ID:	200-64806-19		
Client ID:	774776OA1MA				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

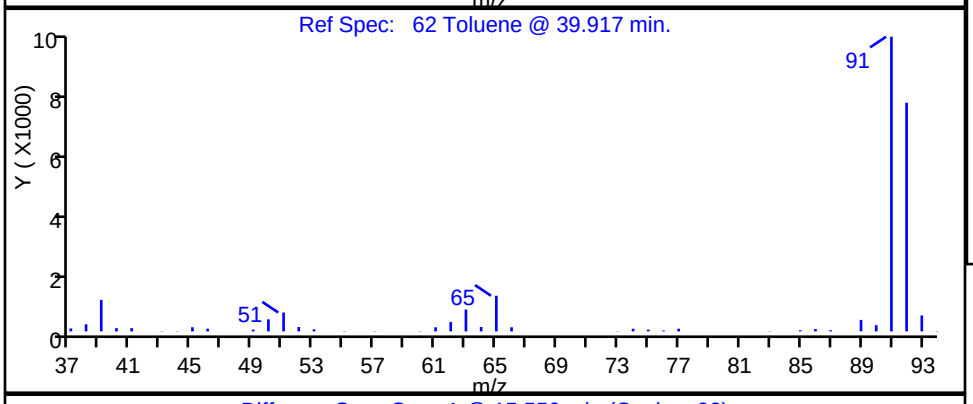
62 Toluene, CAS: 108-88-3

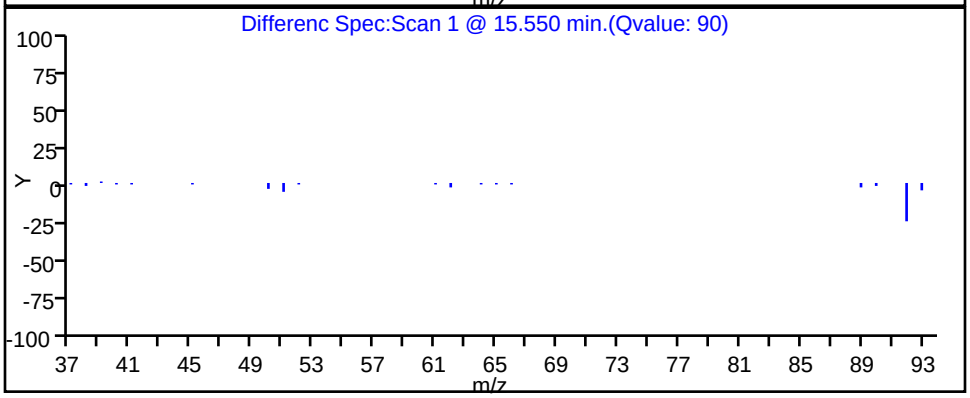












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776IA1MA Lab Sample ID: 280-64806-20

Matrix: Air Lab File ID: 11847-026.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:10

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 05:02

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.56		0.50	0.056
75-45-6	Freon 22	86.47	2.8		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.63		0.50	0.060
106-97-8	n-Butane	58.12	1.0		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.045
76-13-1	Freon TF	187.38	0.061	J M	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	9.1		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	7.5		5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.71		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.091	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.21		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776IA1MA Lab Sample ID: 280-64806-20

Matrix: Air Lab File ID: 11847-026.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:10

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 05:02

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.064	J	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.21		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.057	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.12	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.12	J	0.20	0.041
100-42-5	Styrene	104.15	0.055	J	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776IA1MA Lab Sample ID: 280-64806-20

Matrix: Air Lab File ID: 11847-026.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:10

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 05:02

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776IA1MA Lab Sample ID: 280-64806-20

Matrix: Air Lab File ID: 11847-026.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:10

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 05:02

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.8		2.5	0.28
75-45-6	Freon 22	86.47	10		1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	1.3		1.0	0.12
106-97-8	n-Butane	58.12	2.5		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.25
76-13-1	Freon TF	187.38	0.46	J M	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	22		12	1.6
67-63-0	Isopropyl alcohol	60.10	18		12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	2.1		1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.57	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.67		0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776IA1MA Lab Sample ID: 280-64806-20

Matrix: Air Lab File ID: 11847-026.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:10

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 05:02

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.35	J	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.80		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.25	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.54	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.52	J	0.87	0.18
100-42-5	Styrene	104.15	0.23	J	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 776IA1MA Lab Sample ID: 280-64806-20

Matrix: Air Lab File ID: 11847-026.D

Analysis Method: TO-15 Date Collected: 01/22/2015 08:10

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 05:02

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D
Lims ID: 280-64806-A-20 Lab Sample ID: 200-64806-20
Client ID: 776IA1MA
Sample Type: Client
Inject. Date: 29-Jan-2015 05:02:30 ALS Bottle#: 9 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011847-026
Misc. Info.: 280-64806-20
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 29-Jan-2015 09:23:04 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: desjardinsb Date: 29-Jan-2015 09:23:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.113	3.119	-0.006	99	19763	0.5649	
3 Chlorodifluoromethane	51	3.167	3.167	0.000	97	58620	2.85	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.381				ND	
5 Chloromethane	50	3.520	3.520	0.000	99	7128	0.6345	
6 Butane	43	3.718	3.718	0.000	99	19458	1.05	
7 Vinyl chloride	62		3.766				ND	
8 Butadiene	54		3.836				ND	
9 Bromomethane	94		4.515				ND	
10 Chloroethane	64		4.750				ND	
12 Vinyl bromide	106		5.136				ND	
13 Trichlorofluoromethane	101	5.216	5.221	-0.005	96	8534	0.2385	
18 1,1,2-Trichloro-1,2,2-trif	101	6.291	6.291	0.005	51	1468	0.0606	M
20 1,1-Dichloroethene	96		6.339				ND	
21 Acetone	43	6.585	6.585	0.000	84	179722	9.09	
22 Carbon disulfide	76		6.735				ND	
23 Isopropyl alcohol	45	6.874	6.858	0.016	97	118265	7.51	
24 3-Chloro-1-propene	41		7.126				ND	
26 Methylene Chloride	49		7.420				ND	
28 2-Methyl-2-propanol	59		7.623				ND	
29 Methyl tert-butyl ether	73		7.805				ND	
30 trans-1,2-Dichloroethene	61		7.848				ND	
32 Hexane	57		8.222				ND	
33 1,1-Dichloroethane	63		8.736				ND	
35 cis-1,2-Dichloroethene	96		9.849				ND	
36 2-Butanone (MEK)	72	9.907	9.897	0.010	97	5124	0.7079	
S 38 1,2-Dichloroethene, Total	61		10.000				ND	
39 Tetrahydrofuran	42		10.314				ND	
* 40 Chlorobromomethane	128	10.319	10.325	-0.006	93	127333	10.0	
41 Chloroform	83		10.453				ND	
42 Cyclohexane	84		10.689				ND	
43 1,1,1-Trichloroethane	97		10.731				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Carbon tetrachloride	117	10.972	10.977	-0.005	55	3128	0.0908	
45 Isooctane	57		11.411				ND	
46 Benzene	78	11.464	11.470	-0.006	97	10125	0.2088	
47 1,2-Dichloroethane	62		11.662				ND	
48 n-Heptane	43		11.801				ND	
* 50 1,4-Difluorobenzene	114	12.320	12.326	-0.006	96	761663	10.0	
52 Trichloroethene	95	12.796	12.802	-0.006	88	1392	0.0645	
53 1,2-Dichloropropane	63		13.401				ND	
54 Methyl methacrylate	69		13.551				ND	
55 1,4-Dioxane	88		13.615				ND	
57 Dichlorobromomethane	83		13.973				ND	
58 cis-1,3-Dichloropropene	75		14.947				ND	
61 4-Methyl-2-pentanone (MIBK	43	15.246	15.241	0.005	96	3924	0.0968	
62 Toluene	92	15.551	15.557	-0.006	93	7844	0.2122	
67 trans-1,3-Dichloropropene	75		16.172				ND	
68 1,1,2-Trichloroethane	83		16.563				ND	
69 Tetrachloroethene	166		16.659				ND	
70 2-Hexanone	43		17.012				ND	
71 Chlorodibromomethane	129		17.349				ND	
72 Ethylene Dibromide	107		17.632				ND	
* 73 Chlorobenzene-d5	117	18.531	18.537	-0.006	89	747018	10.0	
74 Chlorobenzene	112		18.595				ND	
75 Ethylbenzene	91	18.740	18.740	0.000	95	4781	0.0570	
77 m-Xylene & p-Xylene	106	18.986	18.997	-0.011	98	4083	0.1245	
78 o-Xylene	106		19.804				ND	
79 Styrene	104	19.847	19.847	0.000	87	2692	0.0546	
S 80 Xylenes, Total	106				0		0.1245	
81 Bromoform	173		20.254				ND	
82 Isopropylbenzene	105		20.430				ND	
* 83 4-Bromofluorobenzene	95	20.789	20.789	0.000	90	572466	10.0	
85 1,1,2,2-Tetrachloroethane	83		21.051				ND	
86 N-Propylbenzene	91		21.110				ND	
89 4-Ethyltoluene	105		21.292				ND	
90 2-Chlorotoluene	91		21.308				ND	
91 1,3,5-Trimethylbenzene	105		21.388				ND	
93 tert-Butylbenzene	119		21.859				ND	
94 1,2,4-Trimethylbenzene	105		21.950				ND	
95 sec-Butylbenzene	105		22.174				ND	
96 4-Isopropyltoluene	119		22.372				ND	
97 1,3-Dichlorobenzene	146		22.415				ND	
98 1,4-Dichlorobenzene	146		22.554				ND	
99 Benzyl chloride	91		22.763				ND	
101 n-Butylbenzene	91		22.966				ND	
102 1,2-Dichlorobenzene	146		23.116				ND	
104 1,2,4-Trichlorobenzene	180		25.775				ND	
105 Hexachlorobutadiene	225		25.962				ND	
106 Naphthalene	128		26.315				ND	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

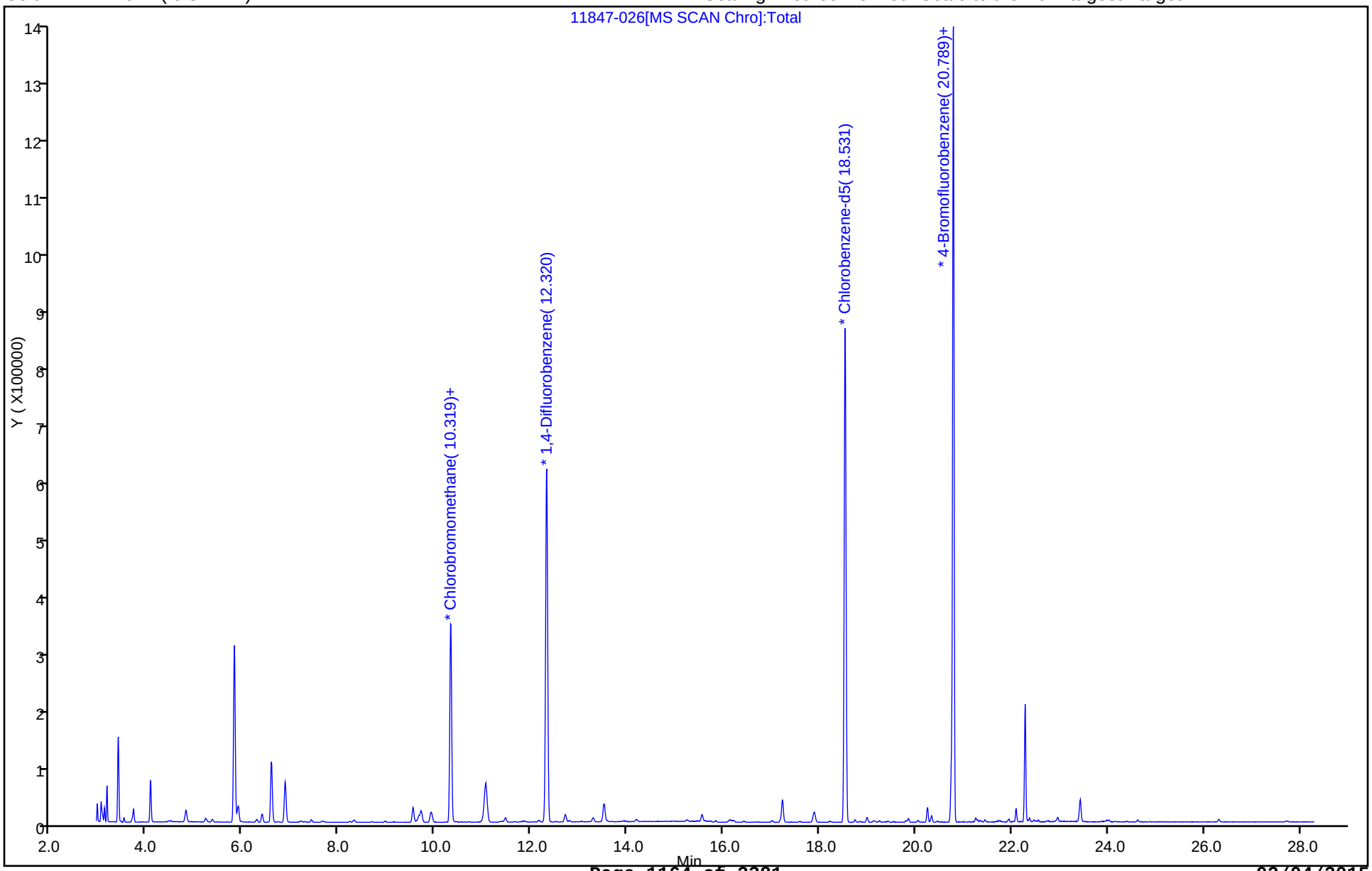
Report Date: 29-Jan-2015 09:23:04 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20	Worklist Smp#:	26
Client ID:	776IA1MA				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



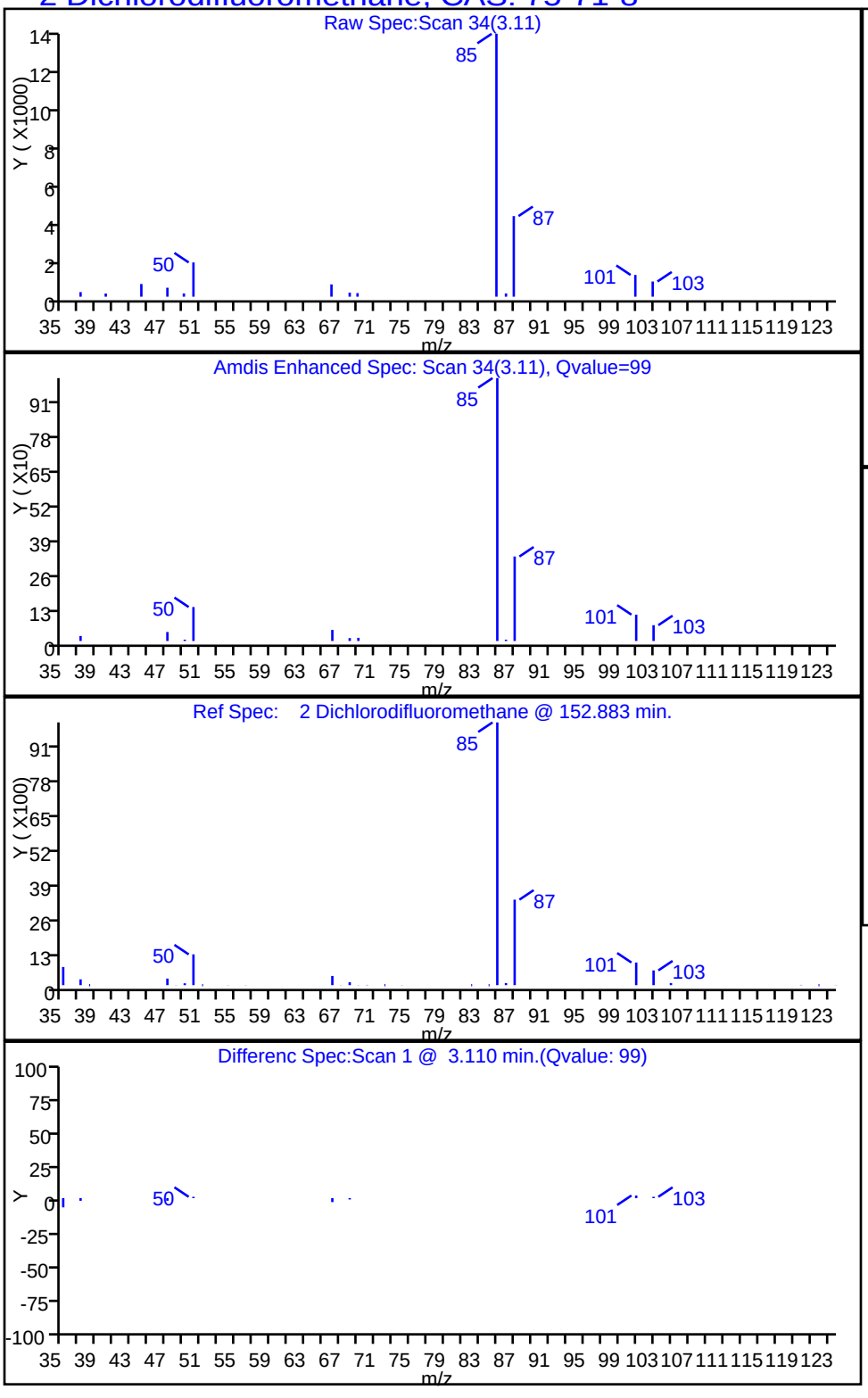
Report Date: 29-Jan-2015 09:23:04 Chrom Revision: 2.2 15-Jan-2015 13:05:58

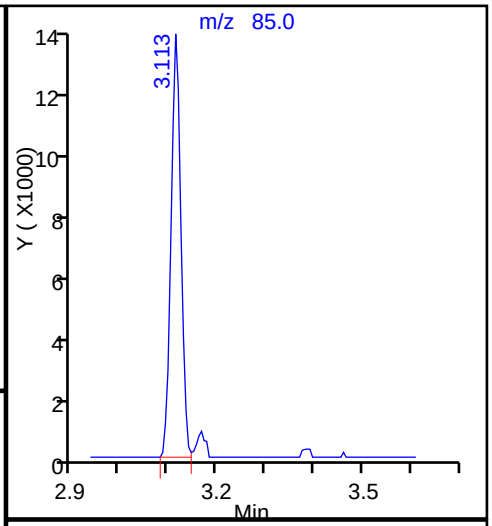
TestAmerica Burlington

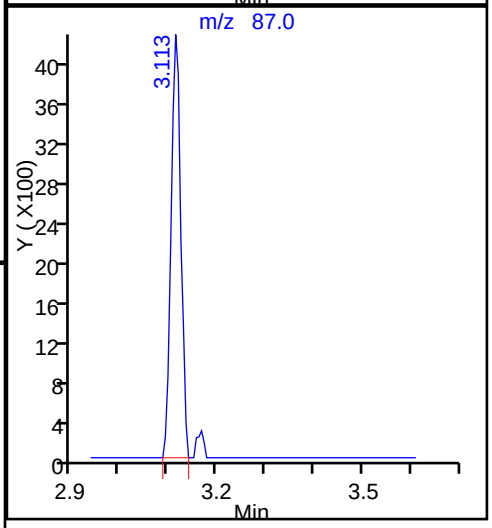
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8



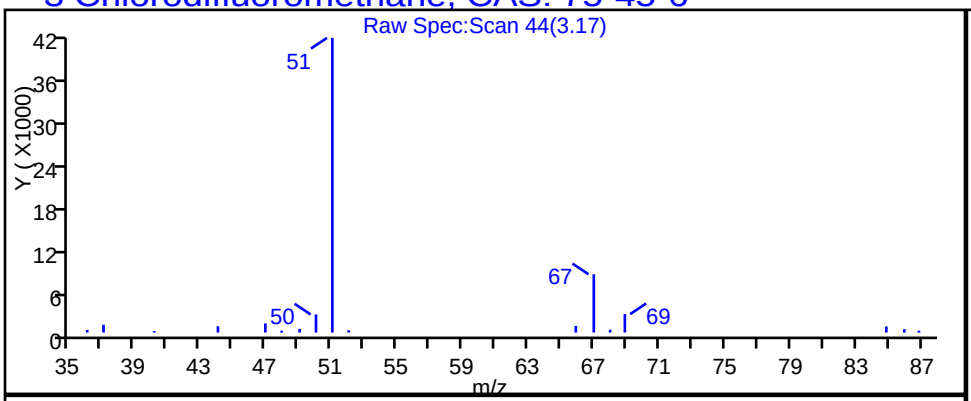


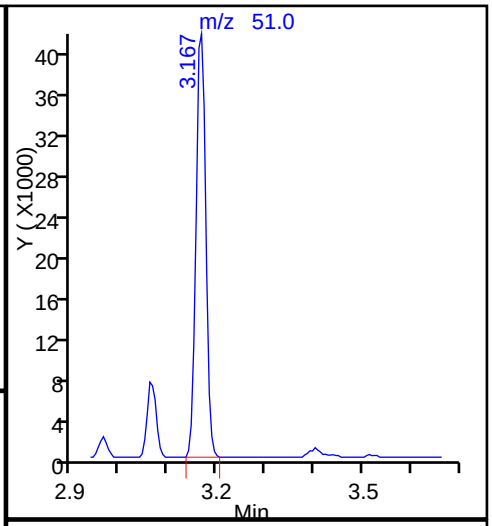


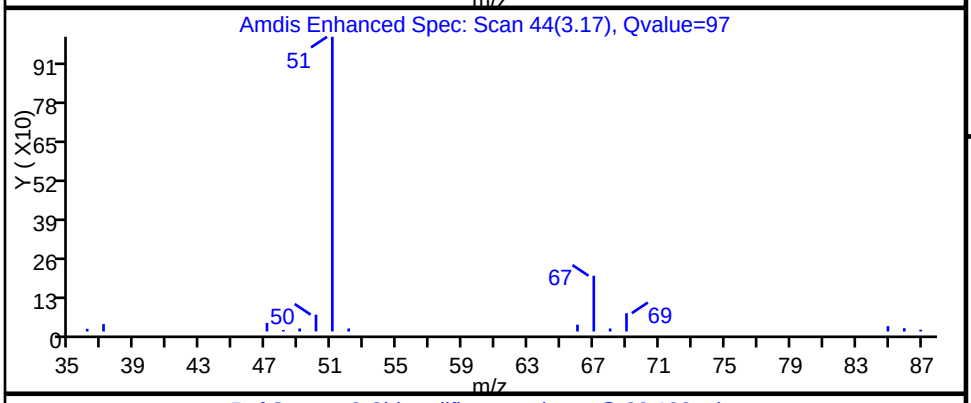
TestAmerica Burlington

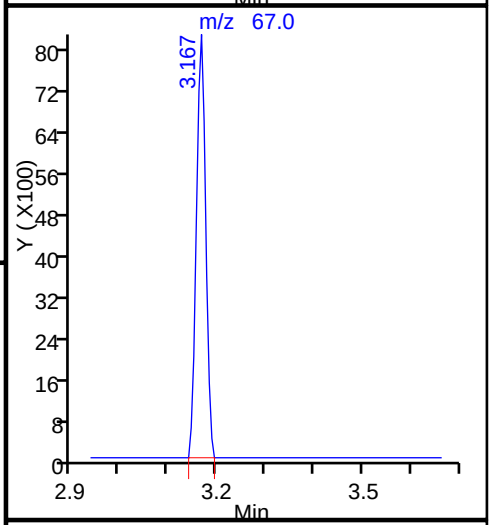
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D				
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

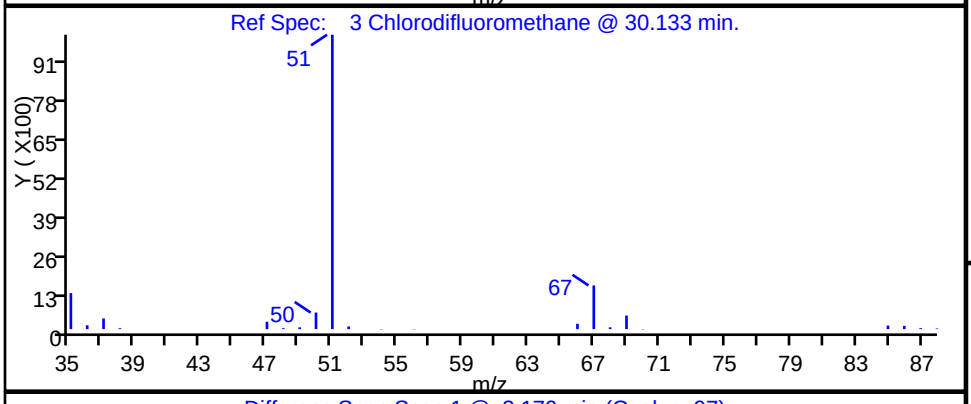
3 Chlorodifluoromethane, CAS: 75-45-6

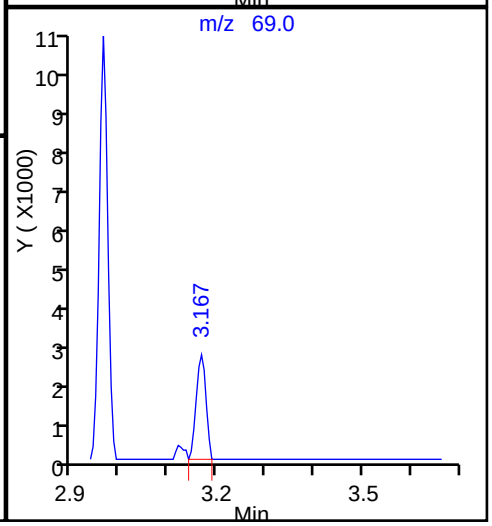


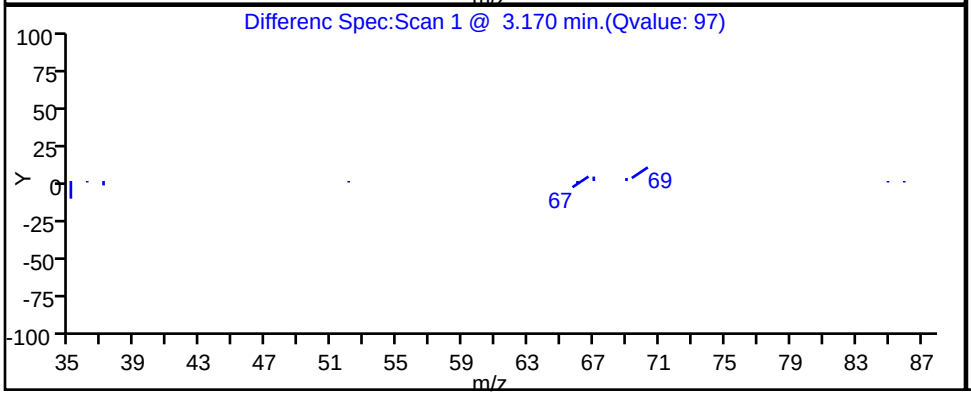








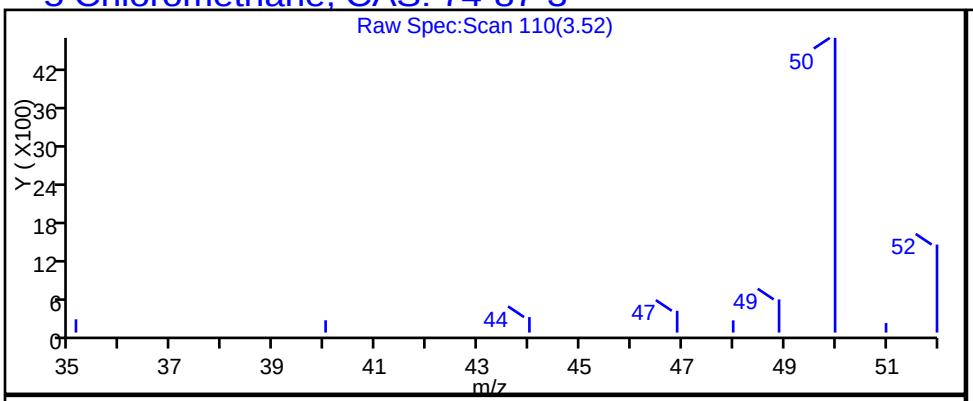


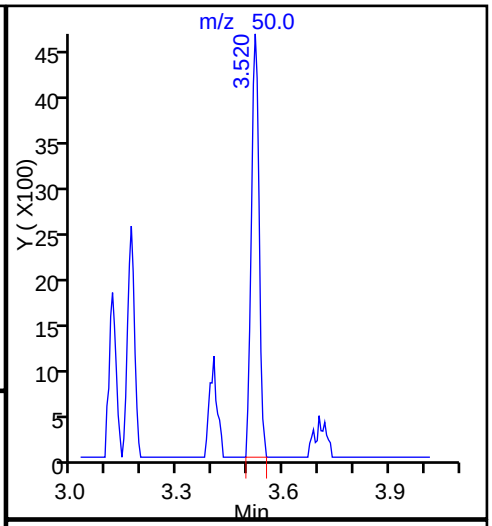


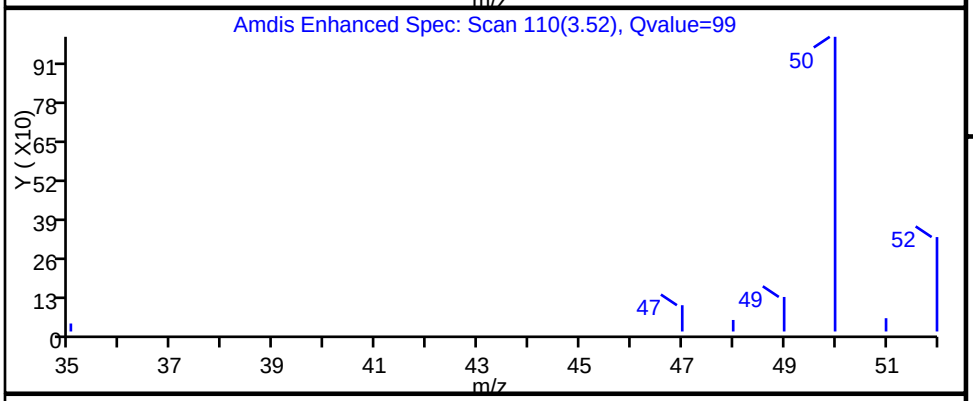
TestAmerica Burlington

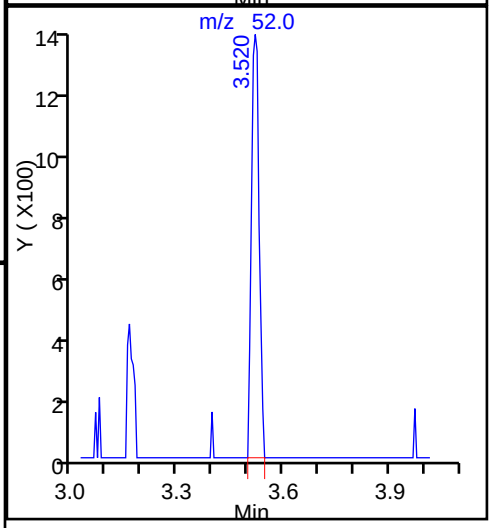
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D				
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

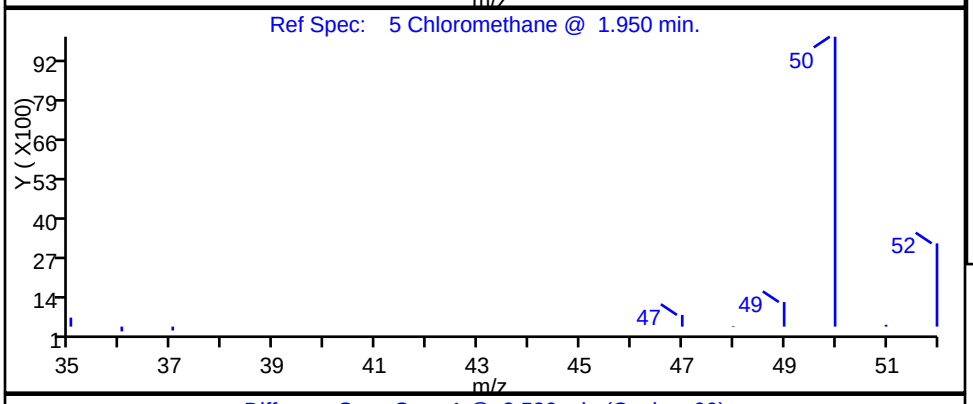
5 Chloromethane, CAS: 74-87-3

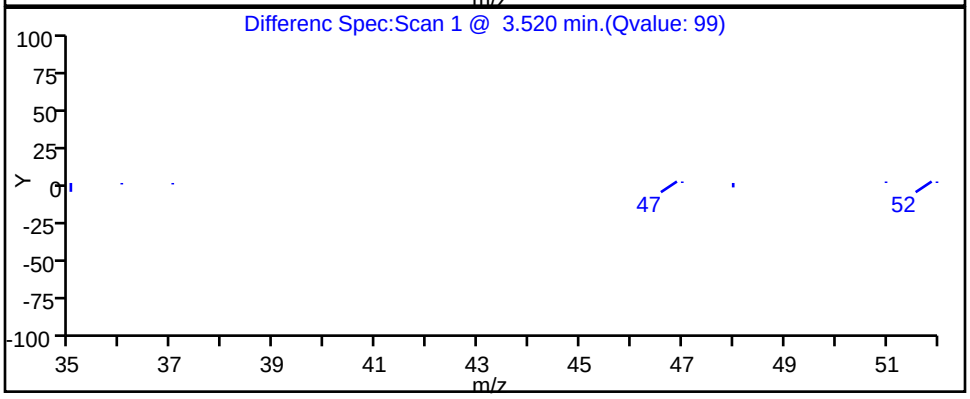








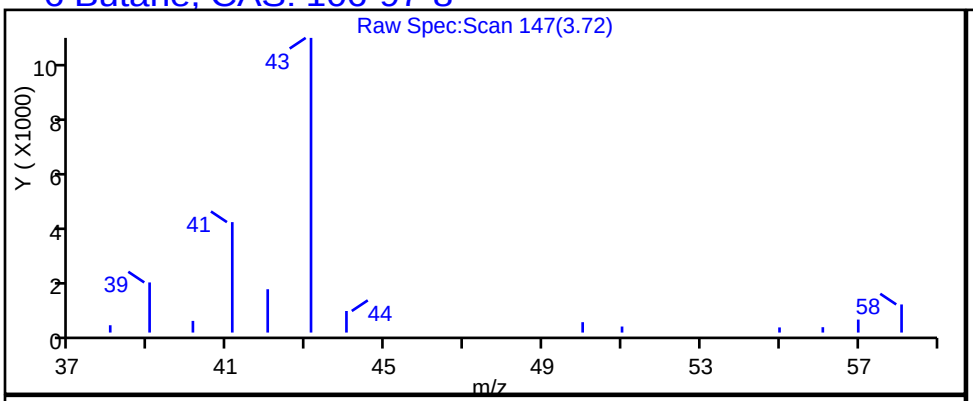


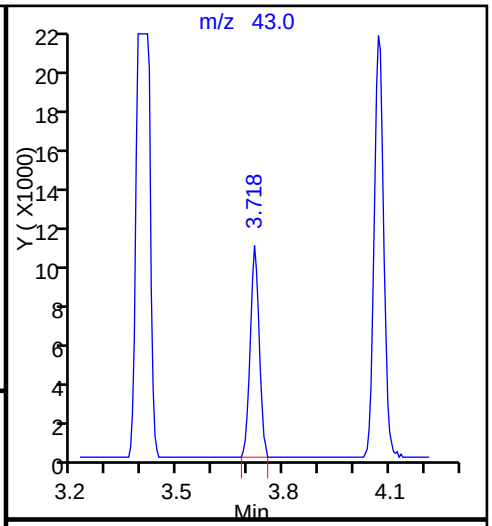


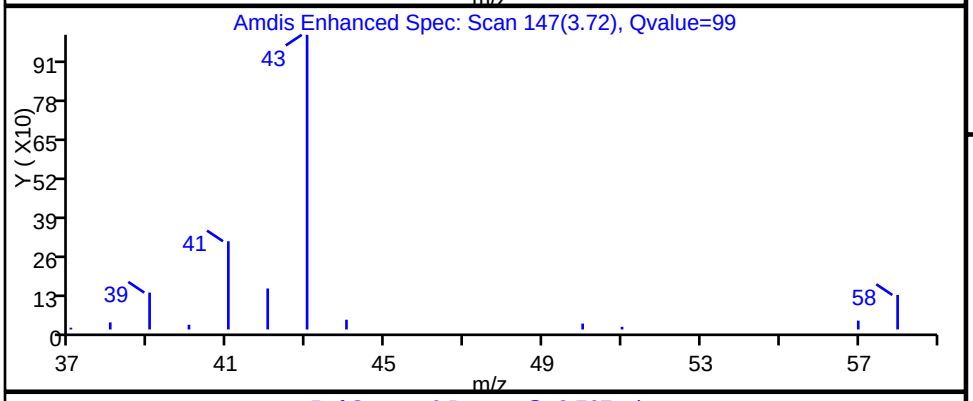
TestAmerica Burlington

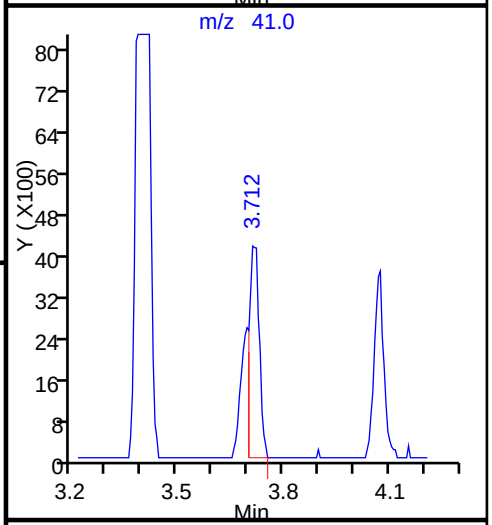
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D		
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20
Client ID:	776IA1MA		
Operator ID:	wrd	ALS Bottle#:	9 Worklist Smp#: 26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

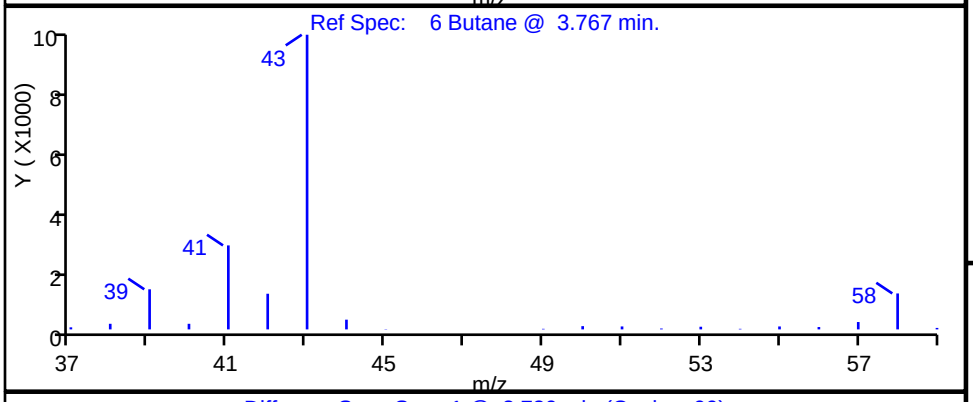
6 Butane, CAS: 106-97-8

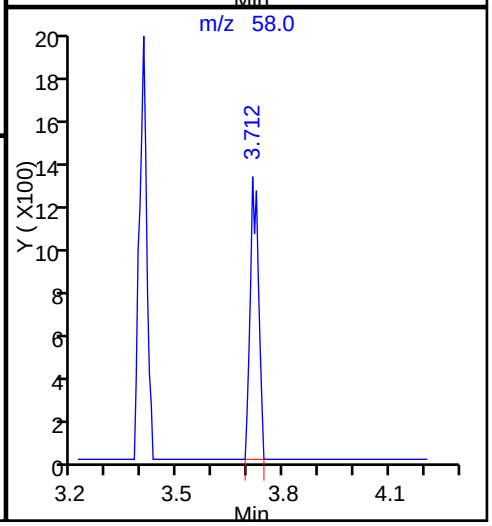


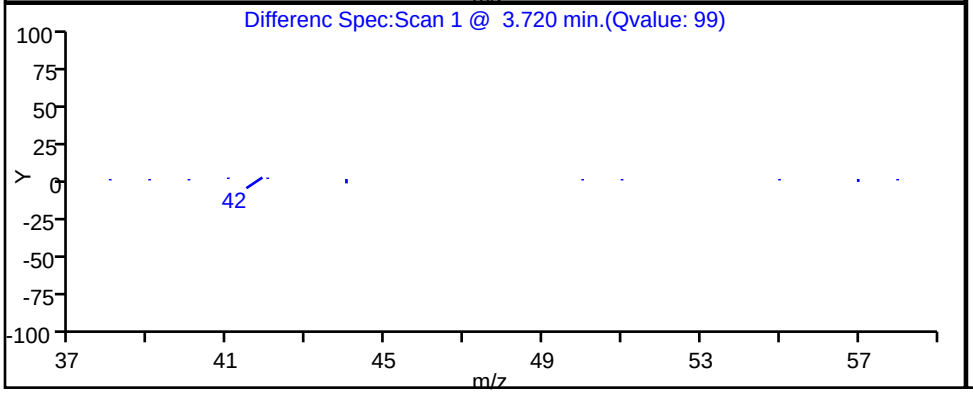












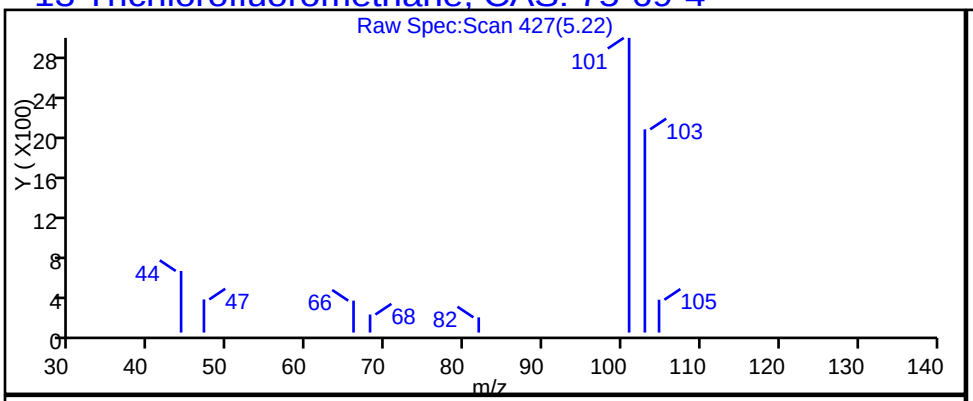
Report Date: 29-Jan-2015 09:23:04 Chrom Revision: 2.2 15-Jan-2015 13:05:58

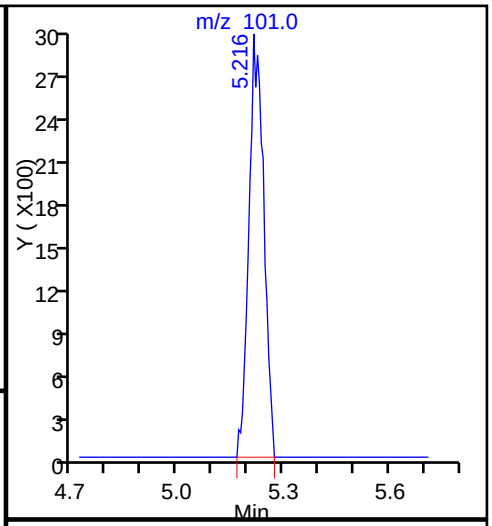
TestAmerica Burlington

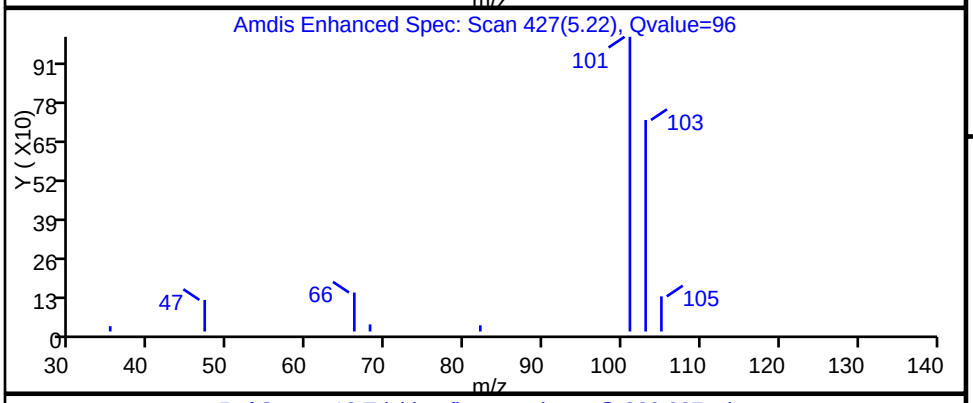
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

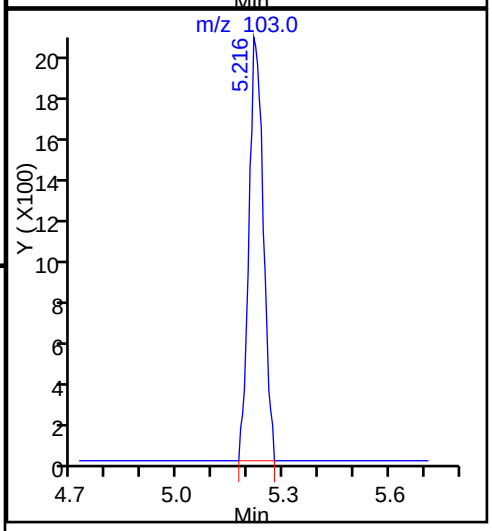
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

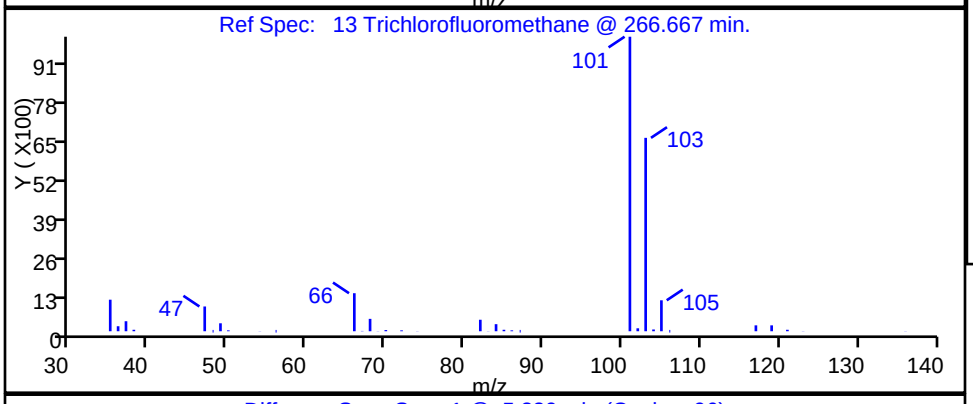
13 Trichlorofluoromethane, CAS: 75-69-4

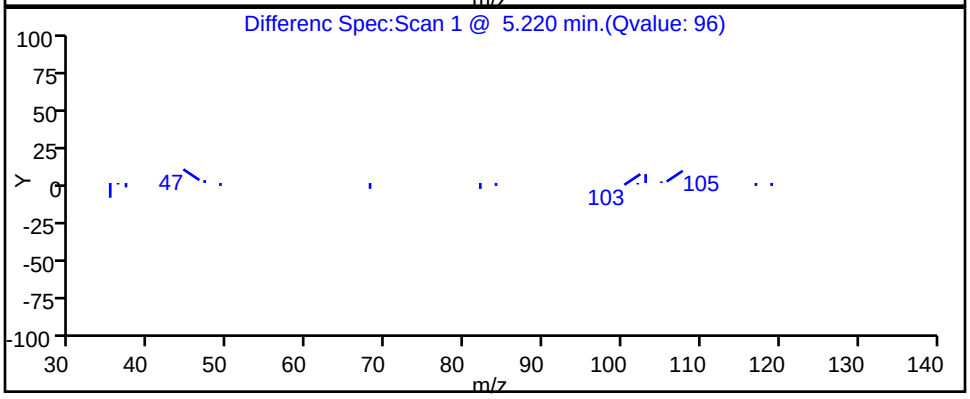








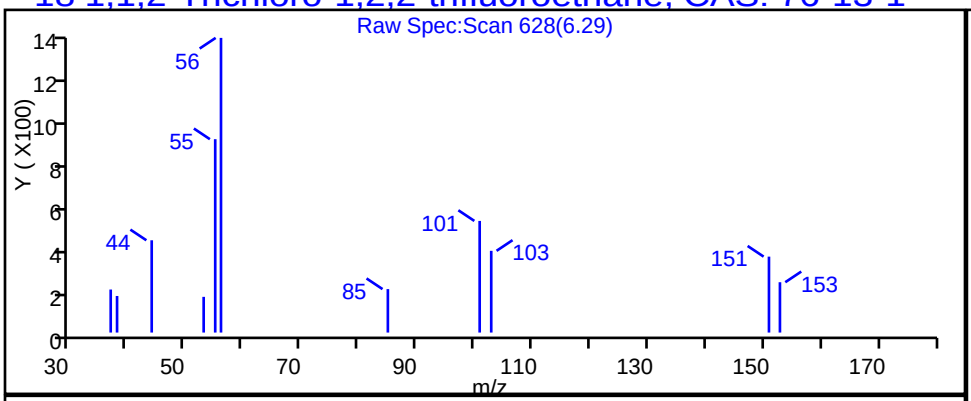


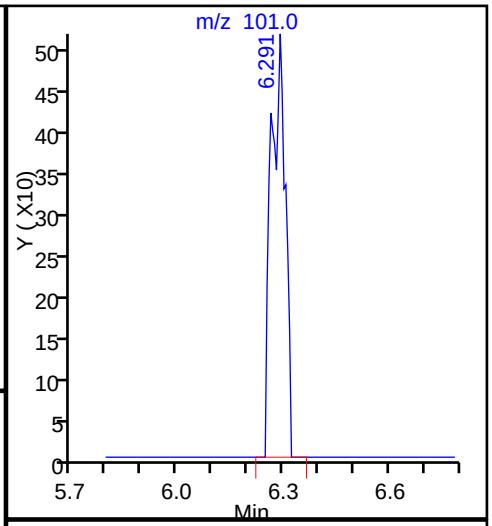


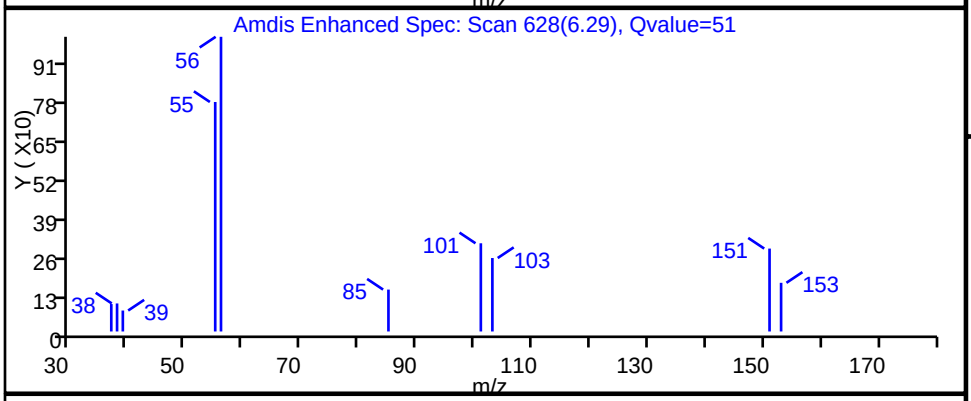
TestAmerica Burlington

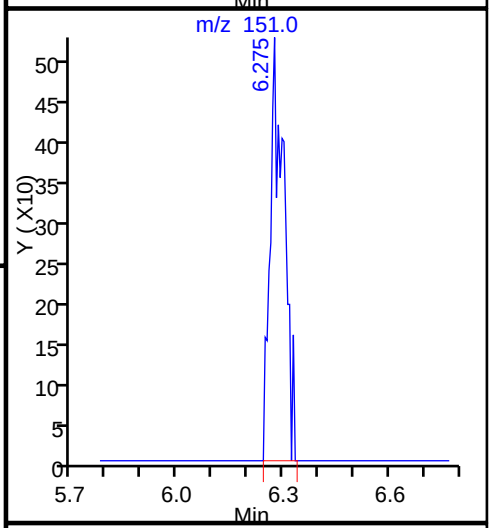
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D				
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

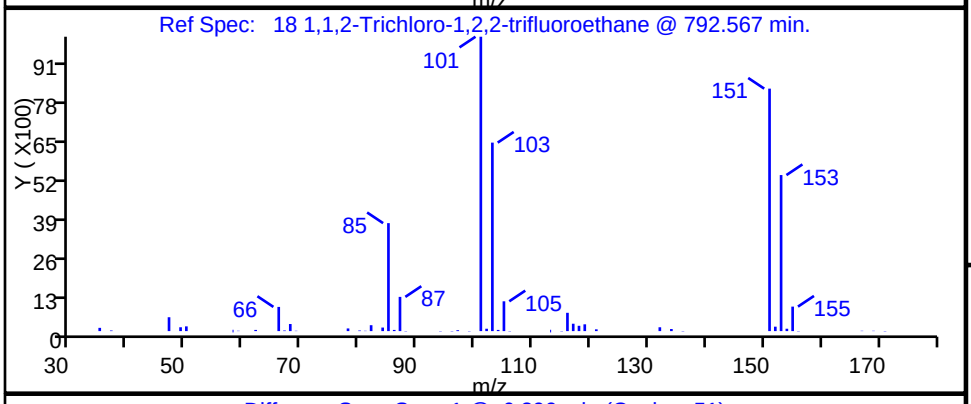
18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

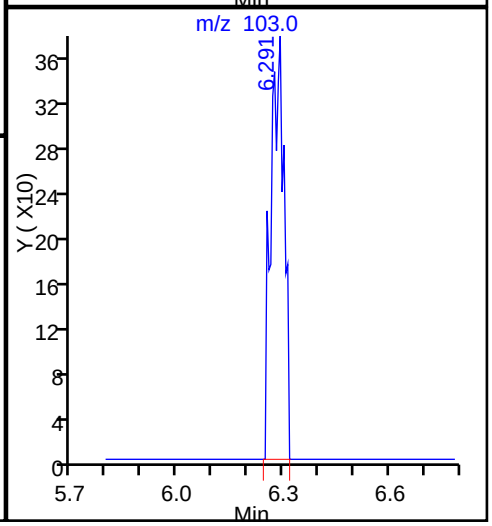


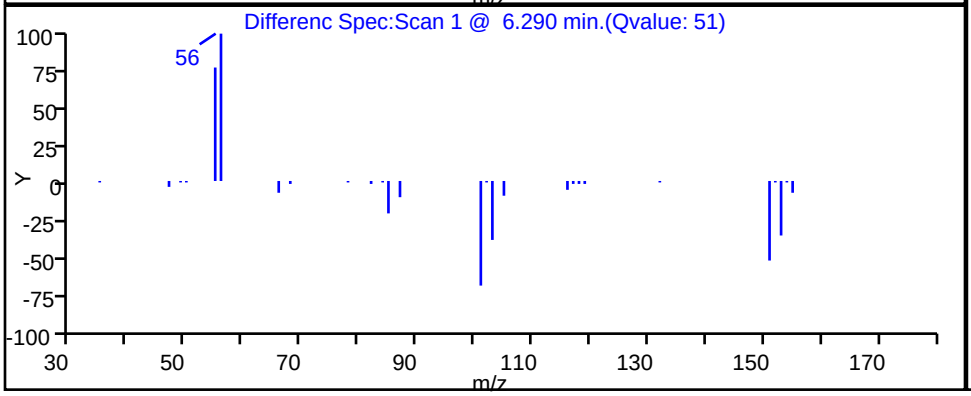












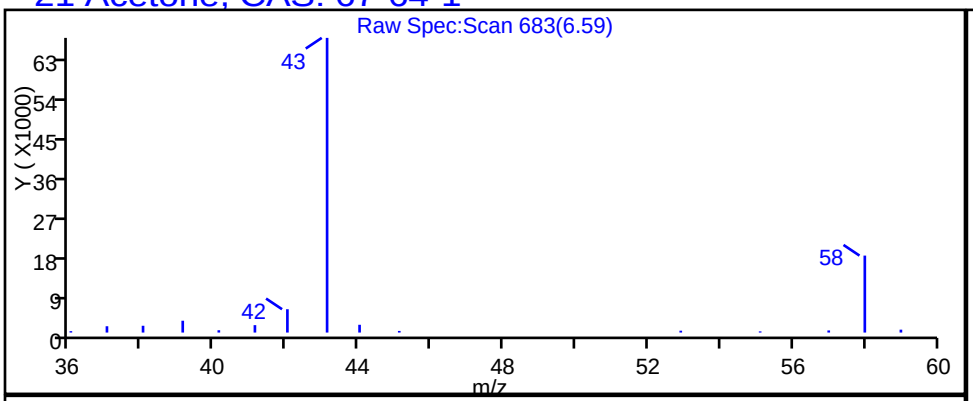
Report Date: 29-Jan-2015 09:23:04 Chrom Revision: 2.2 15-Jan-2015 13:05:58

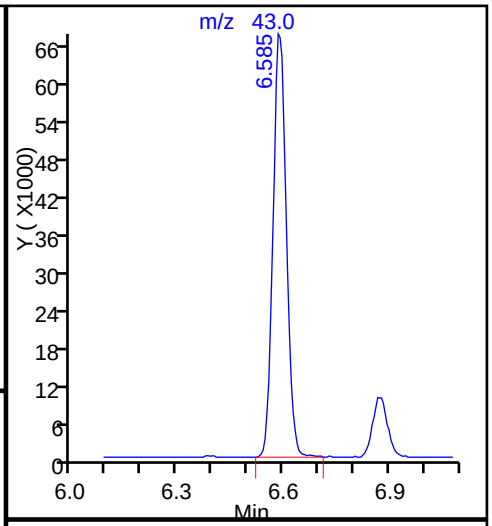
TestAmerica Burlington

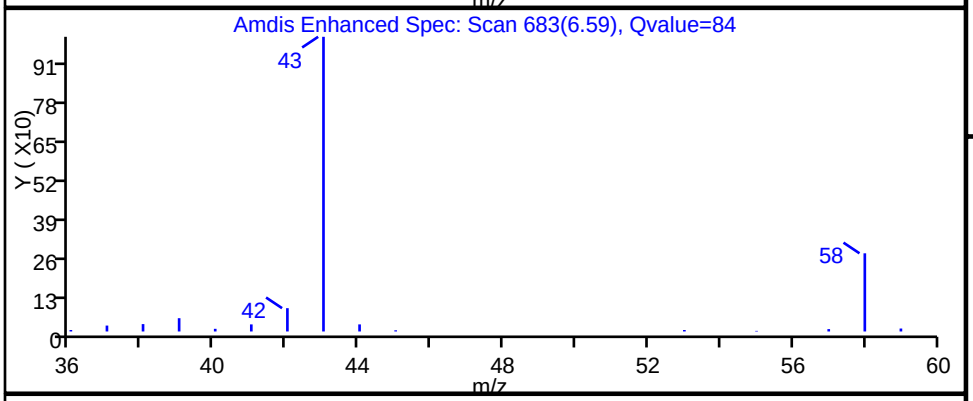
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

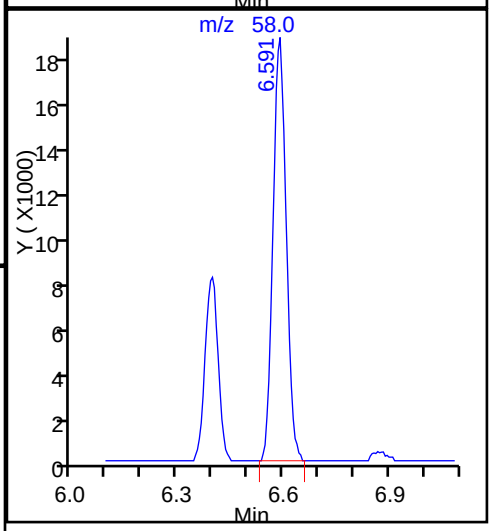
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

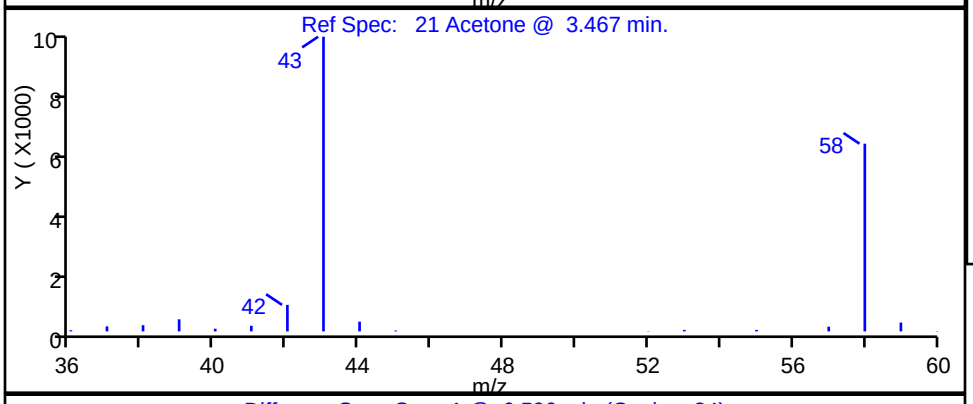
21 Acetone, CAS: 67-64-1

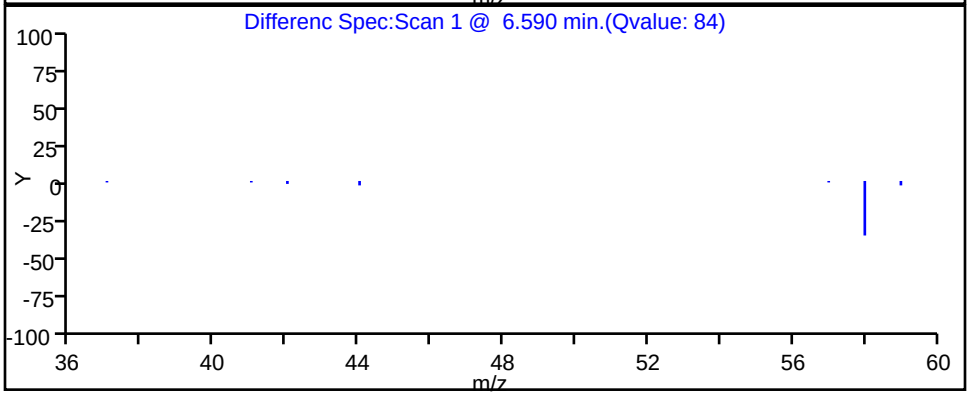












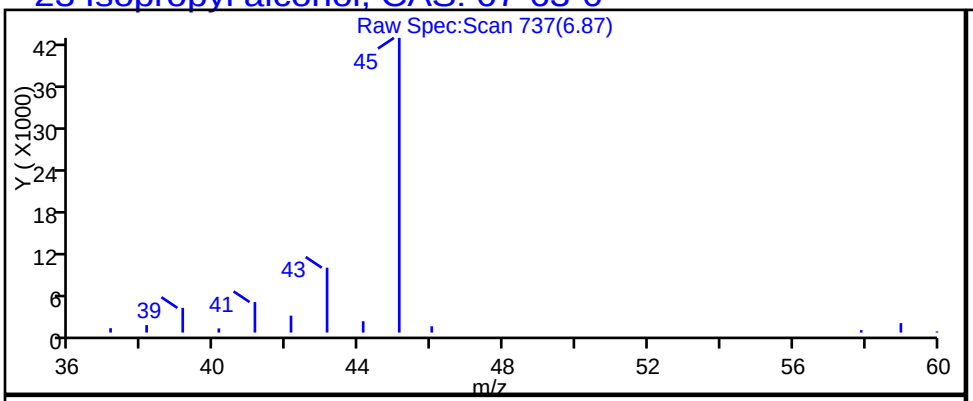
Report Date: 29-Jan-2015 09:23:04 Chrom Revision: 2.2 15-Jan-2015 13:05:58

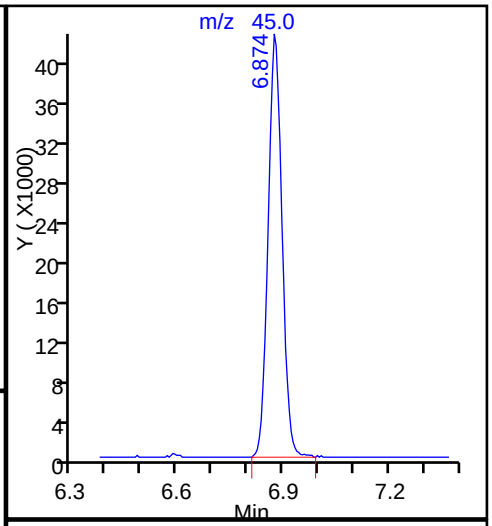
TestAmerica Burlington

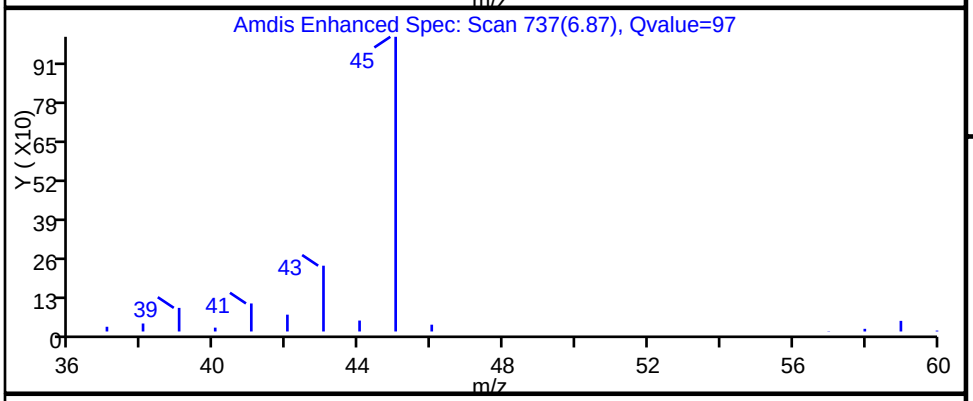
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

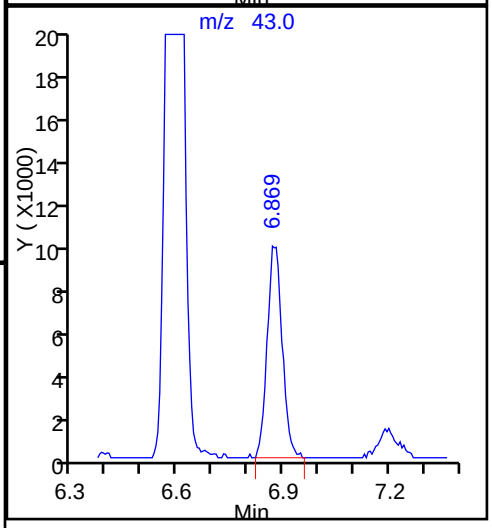
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

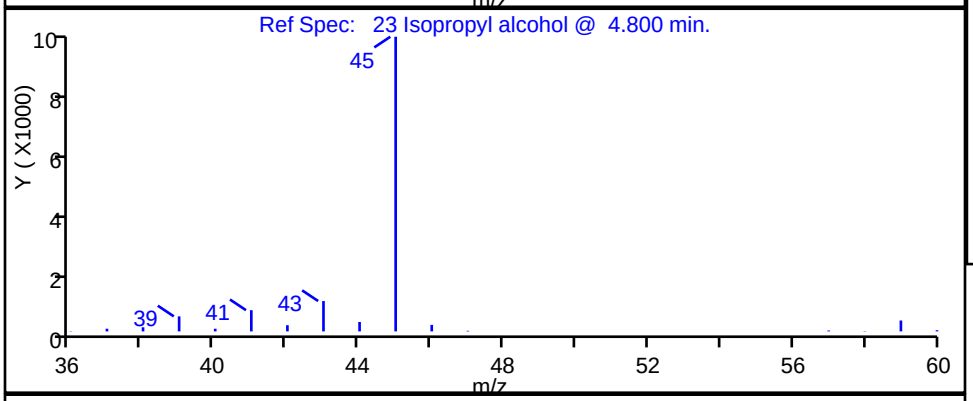
23 Isopropyl alcohol, CAS: 67-63-0

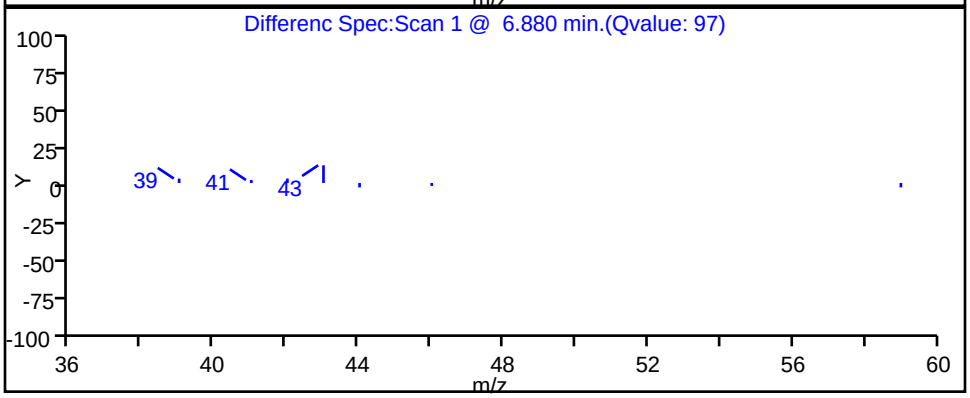












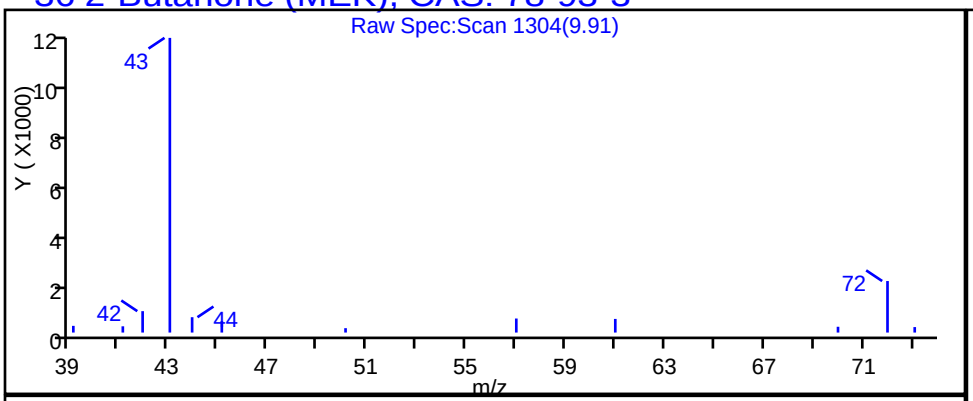
Report Date: 29-Jan-2015 09:23:05 Chrom Revision: 2.2 15-Jan-2015 13:05:58

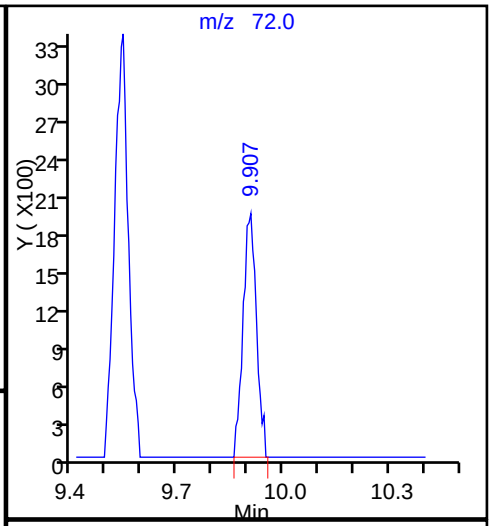
TestAmerica Burlington

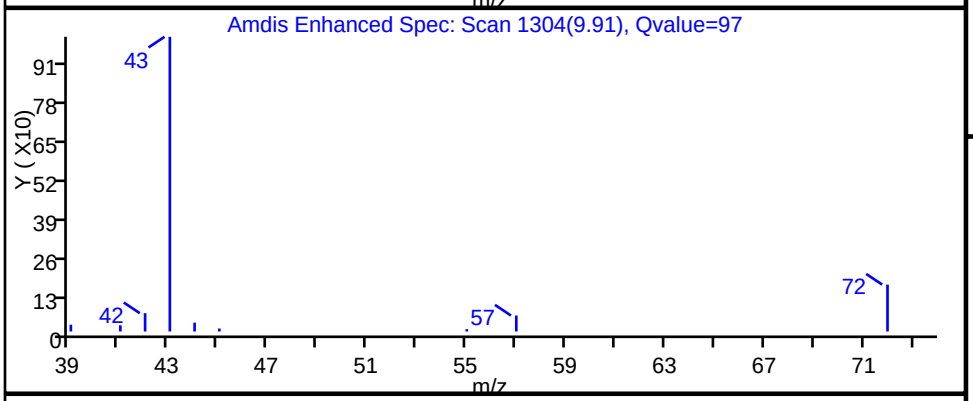
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

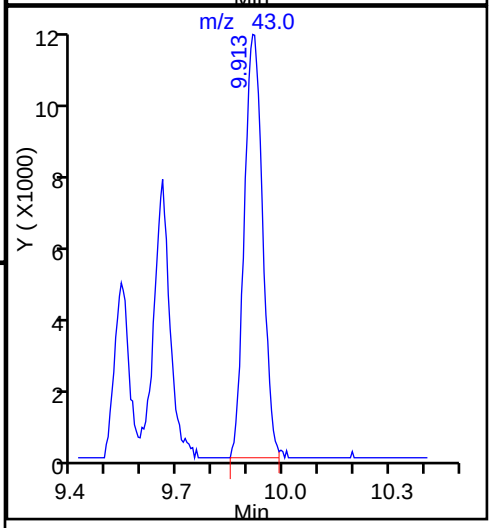
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

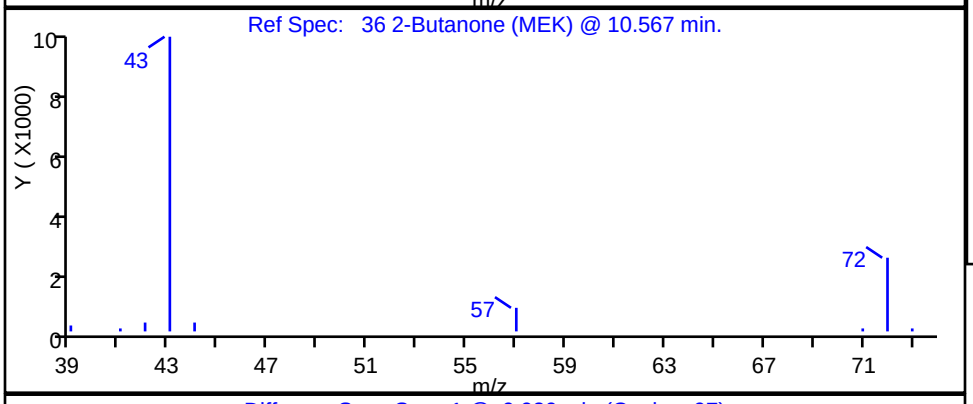
36 2-Butanone (MEK), CAS: 78-93-3

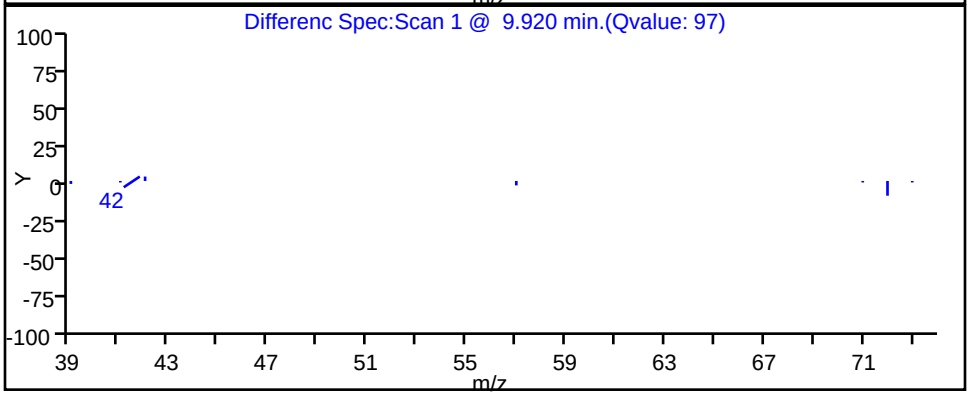












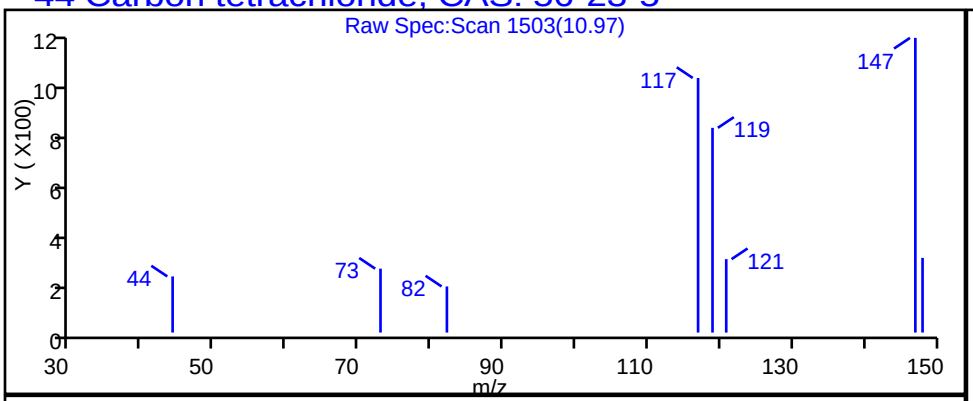
Report Date: 29-Jan-2015 09:23:05 Chrom Revision: 2.2 15-Jan-2015 13:05:58

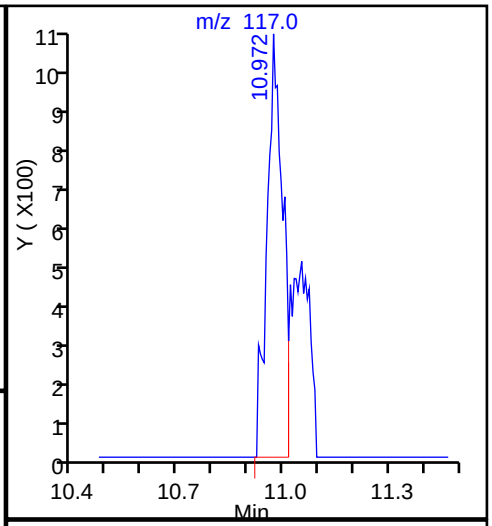
TestAmerica Burlington

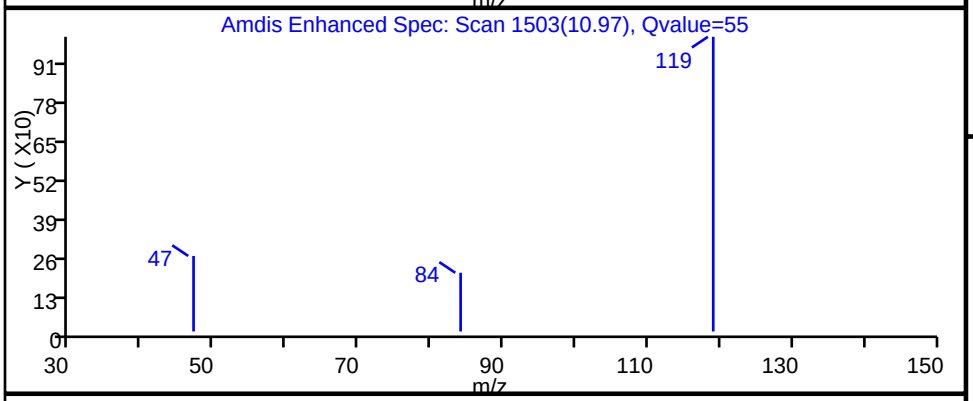
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

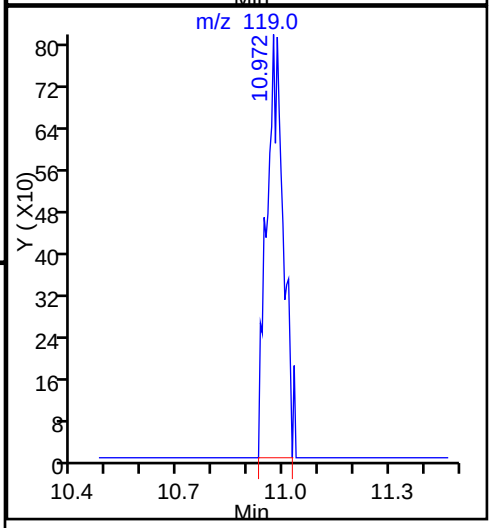
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

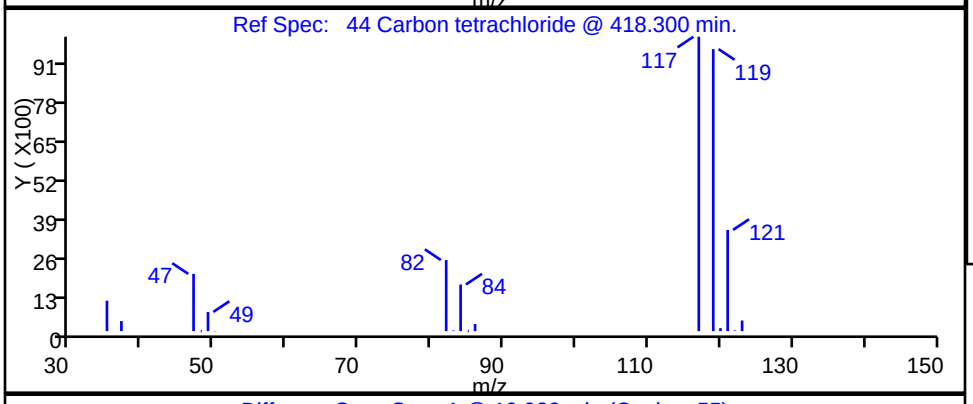
44 Carbon tetrachloride, CAS: 56-23-5

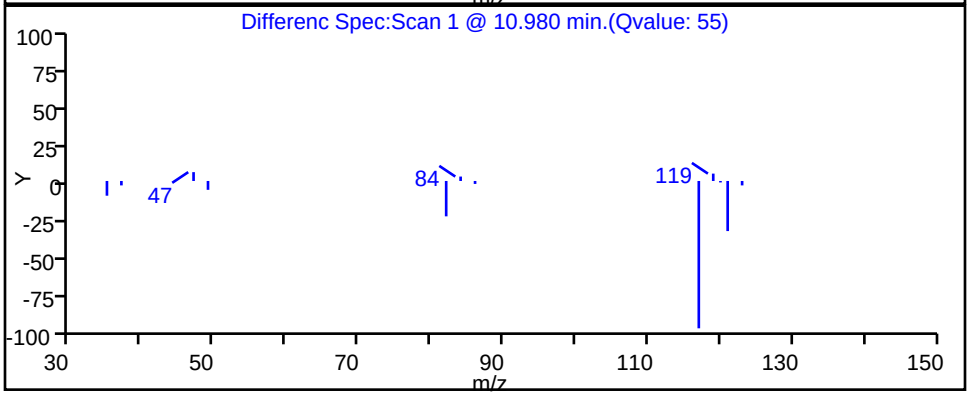












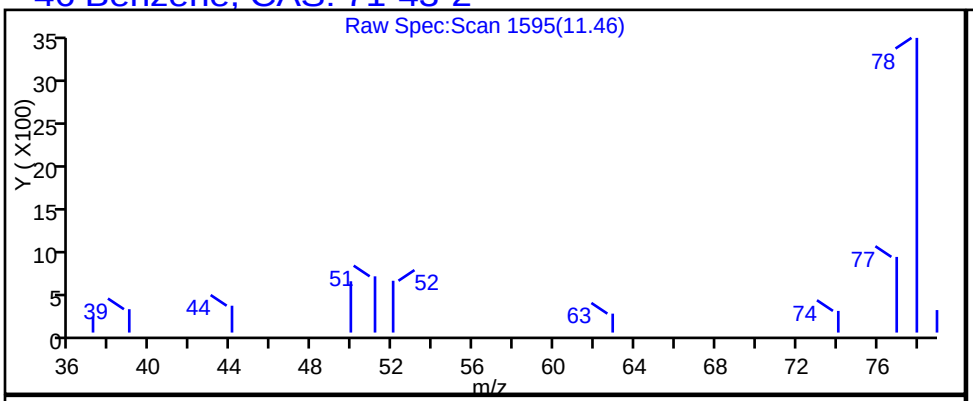
Report Date: 29-Jan-2015 09:23:05 Chrom Revision: 2.2 15-Jan-2015 13:05:58

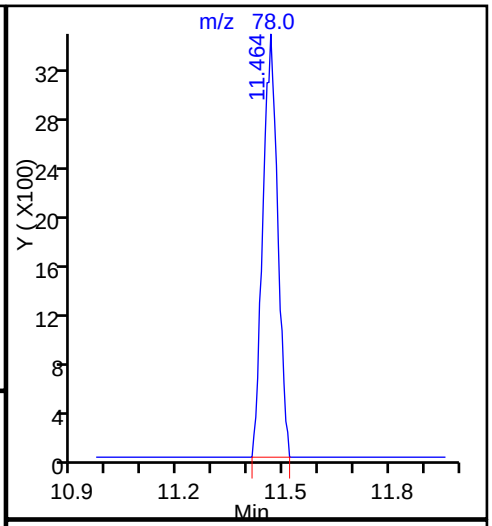
TestAmerica Burlington

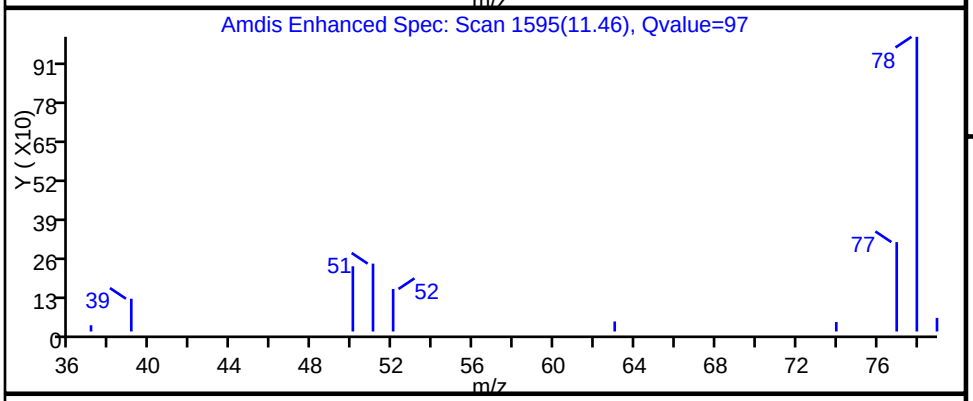
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

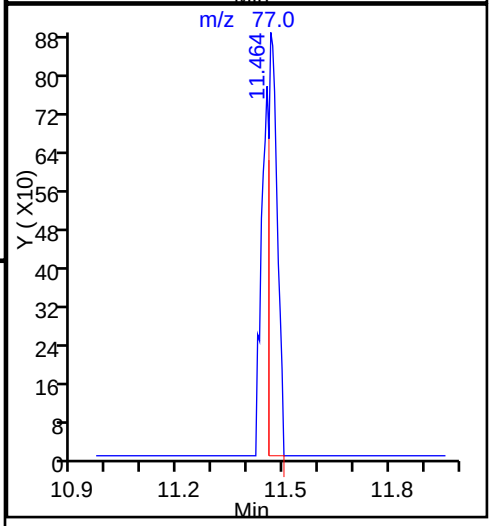
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

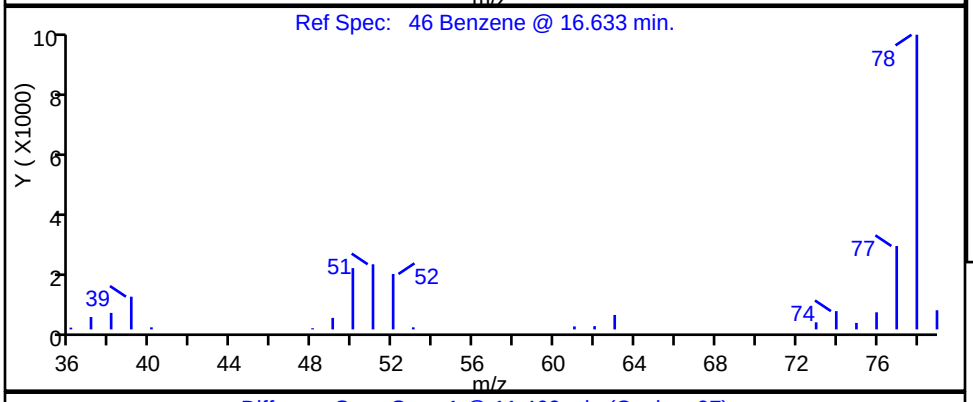
46 Benzene, CAS: 71-43-2

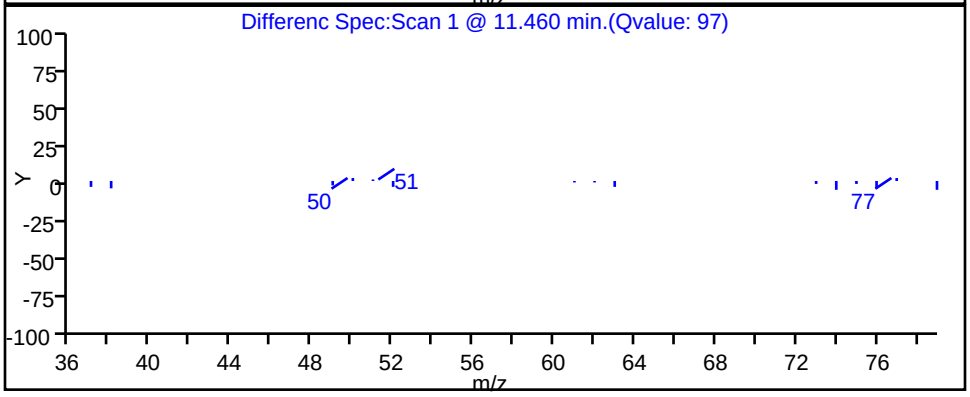








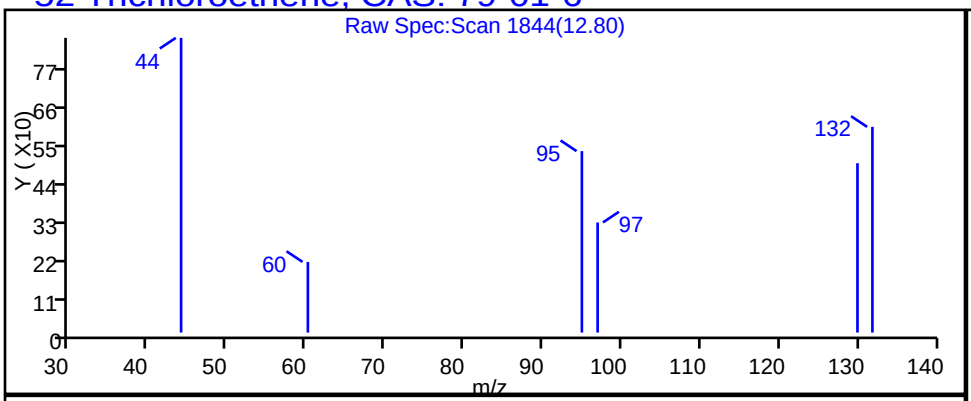


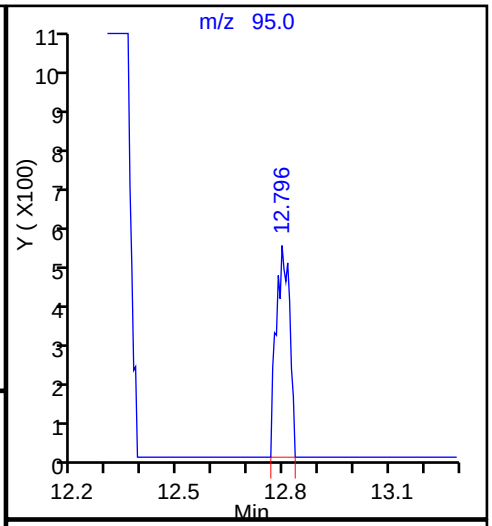


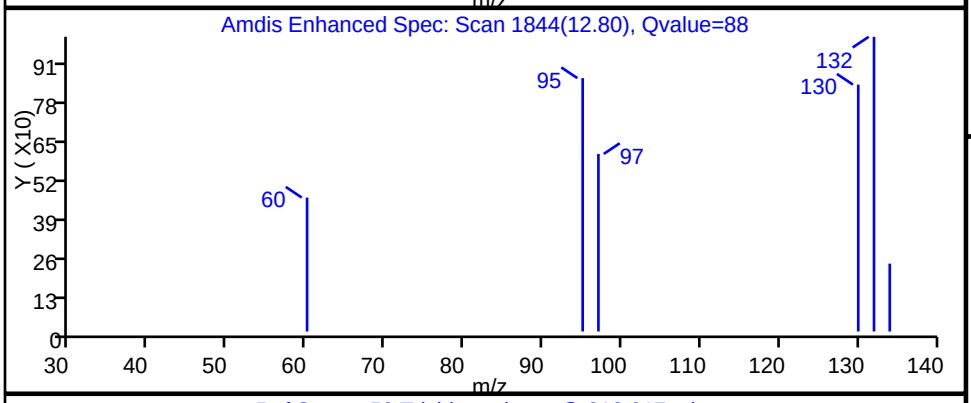
TestAmerica Burlington

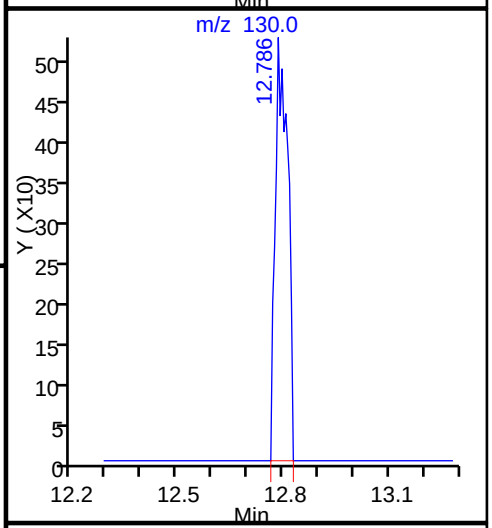
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D				
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

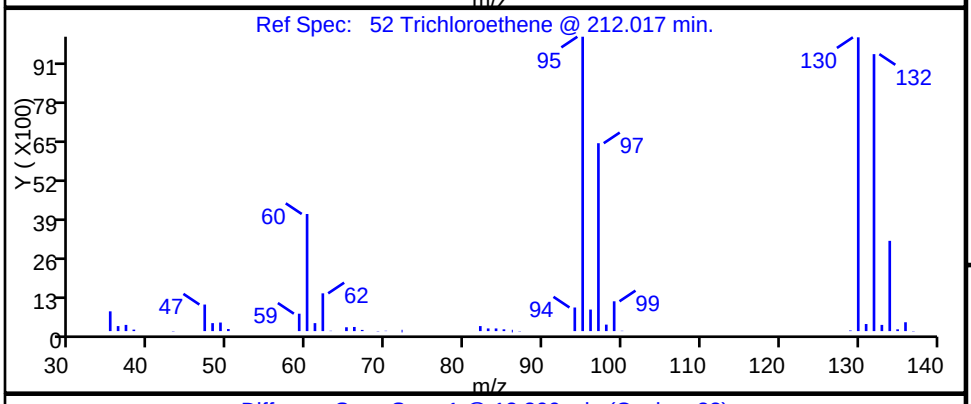
52 Trichloroethene, CAS: 79-01-6

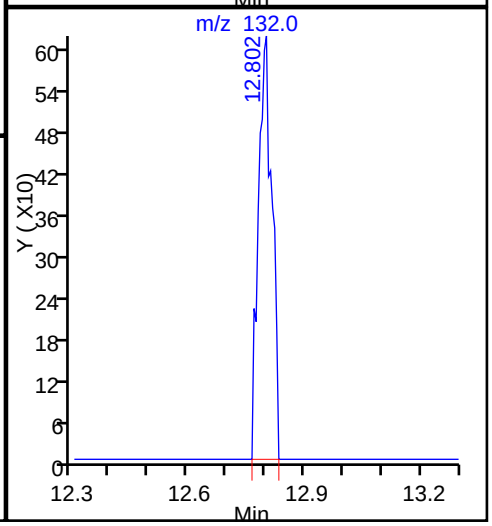


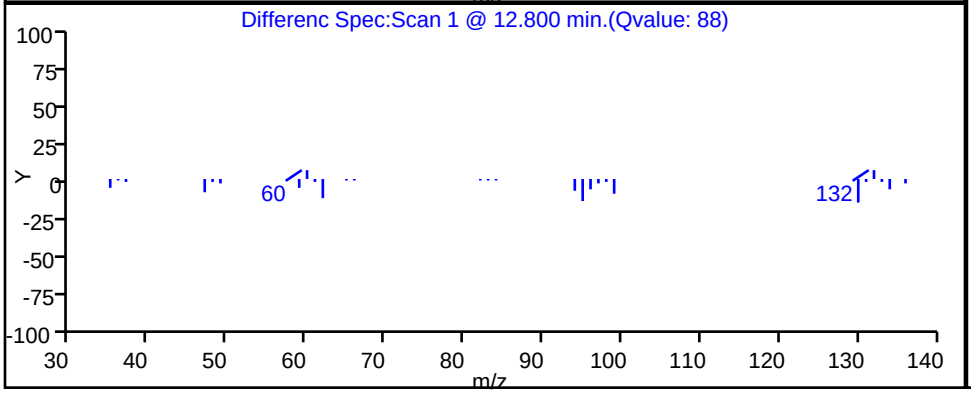












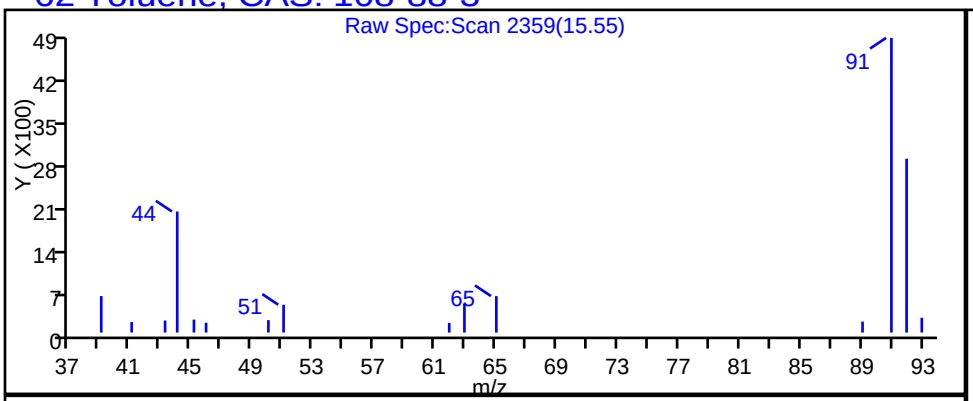
Report Date: 29-Jan-2015 09:23:05 Chrom Revision: 2.2 15-Jan-2015 13:05:58

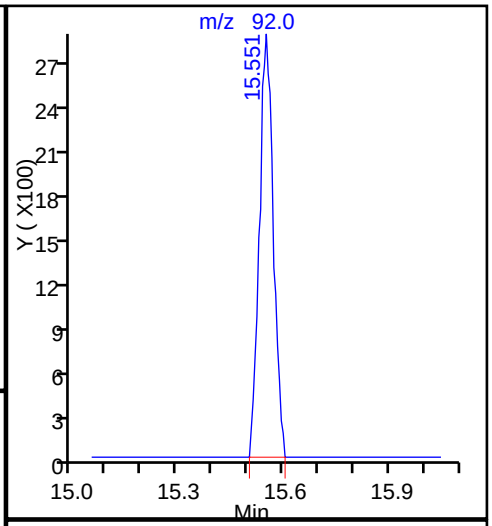
TestAmerica Burlington

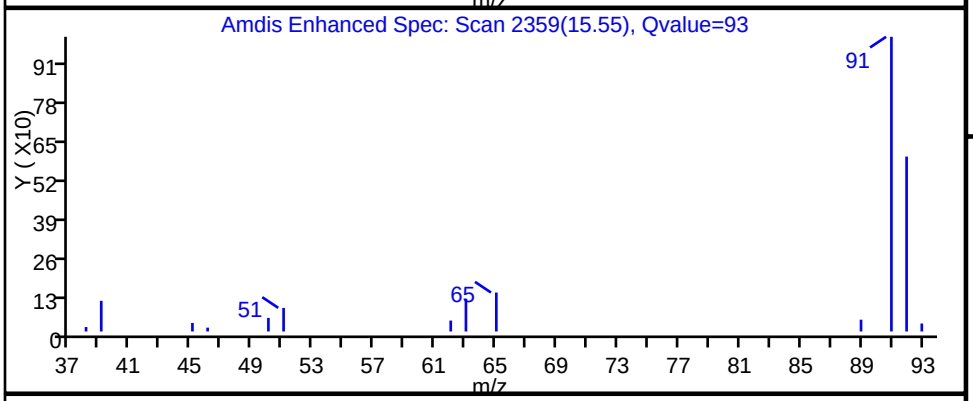
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

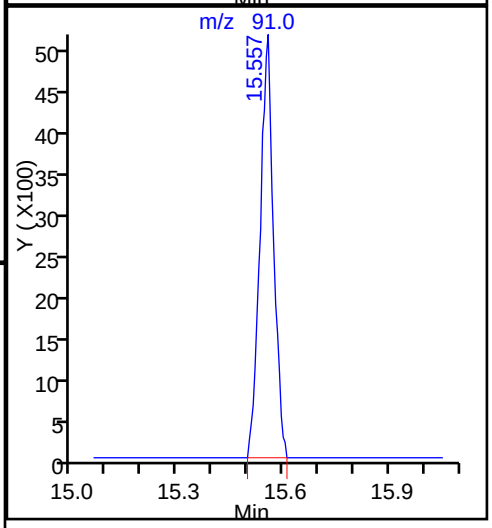
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

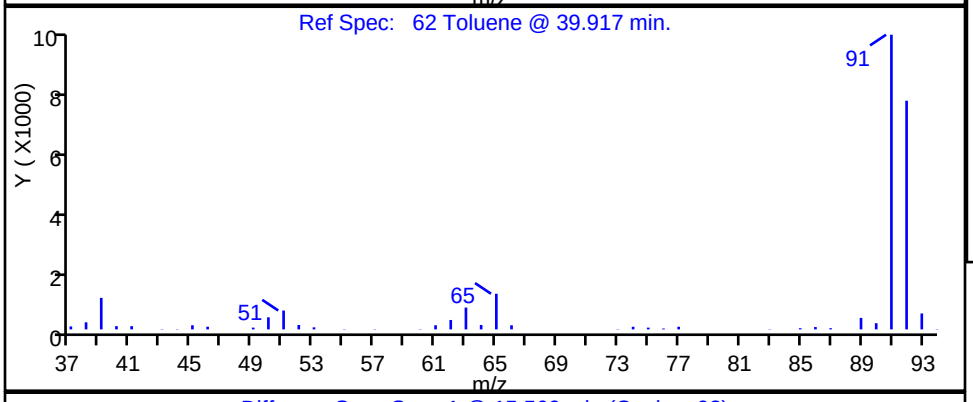
62 Toluene, CAS: 108-88-3

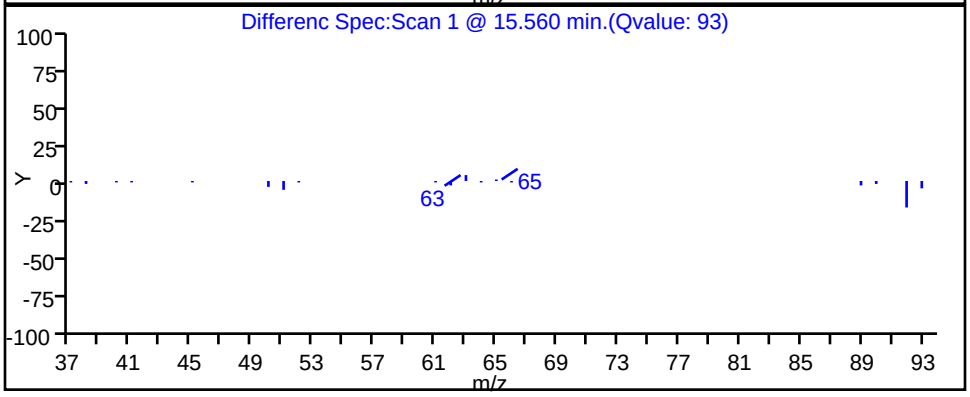












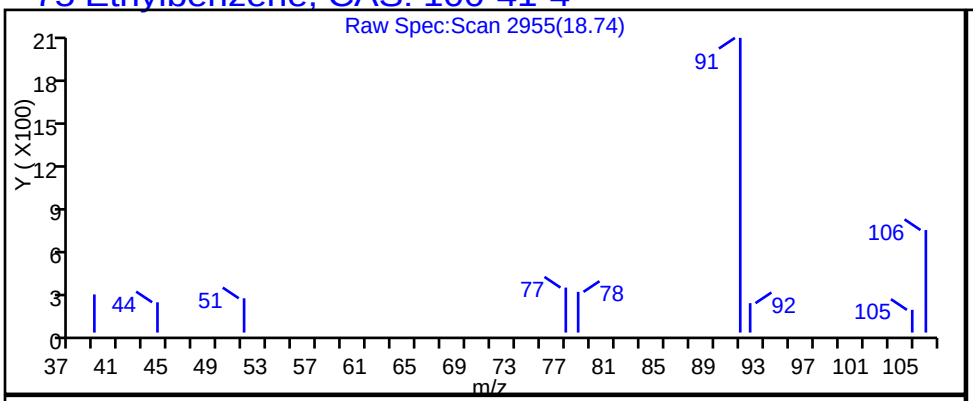
Report Date: 29-Jan-2015 09:23:05 Chrom Revision: 2.2 15-Jan-2015 13:05:58

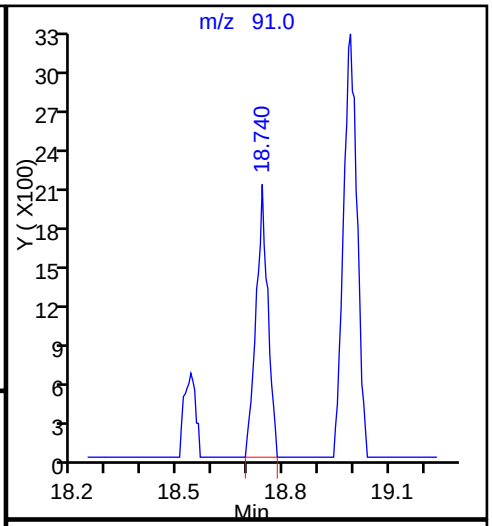
TestAmerica Burlington

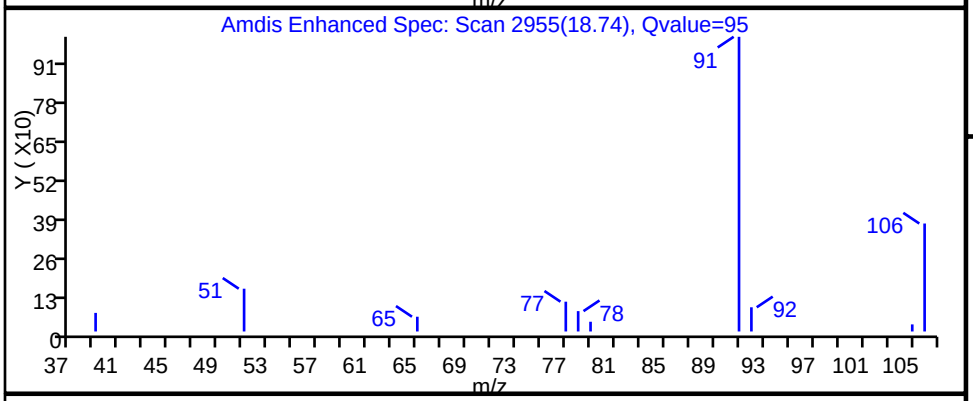
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

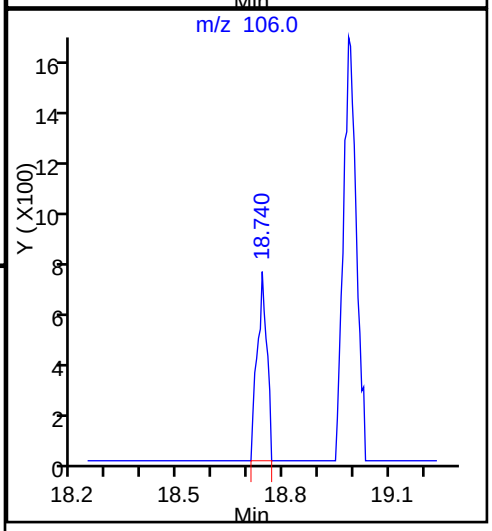
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

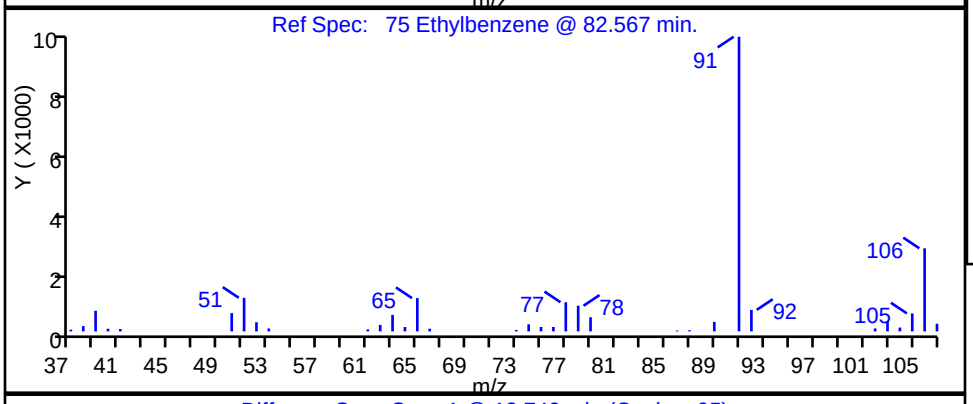
75 Ethylbenzene, CAS: 100-41-4

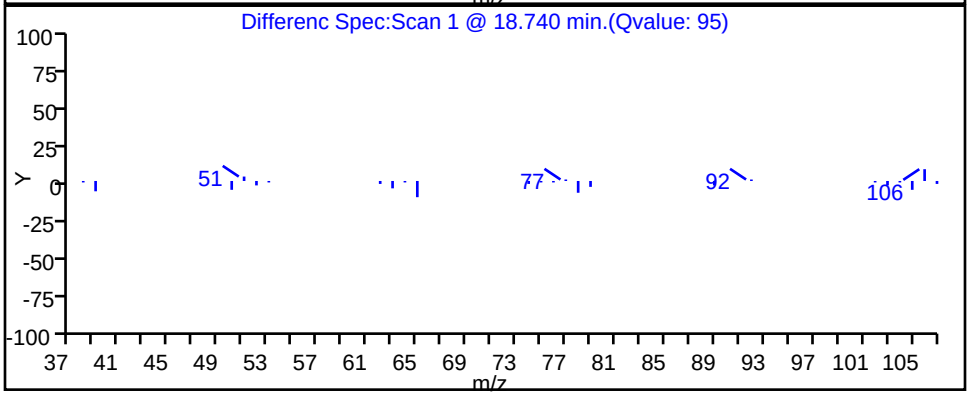












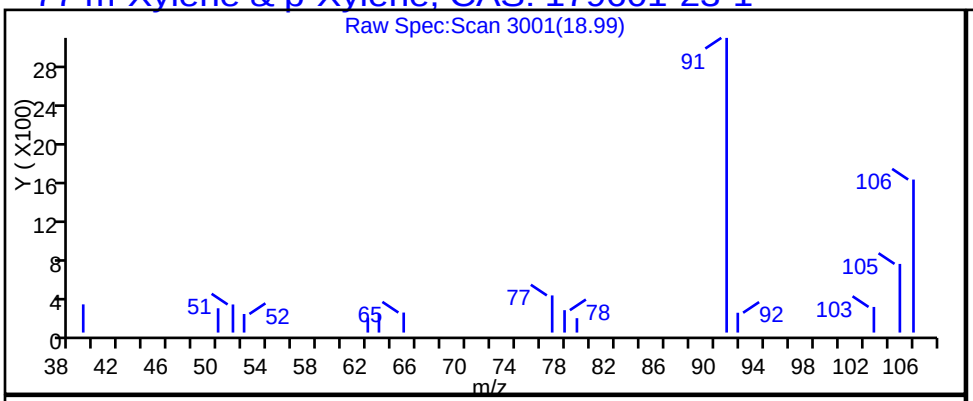
Report Date: 29-Jan-2015 09:23:05 Chrom Revision: 2.2 15-Jan-2015 13:05:58

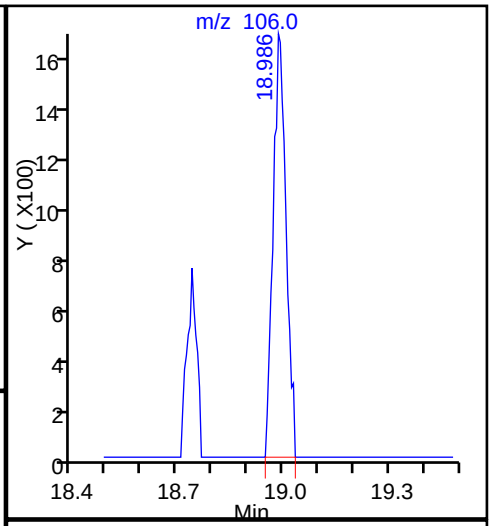
TestAmerica Burlington

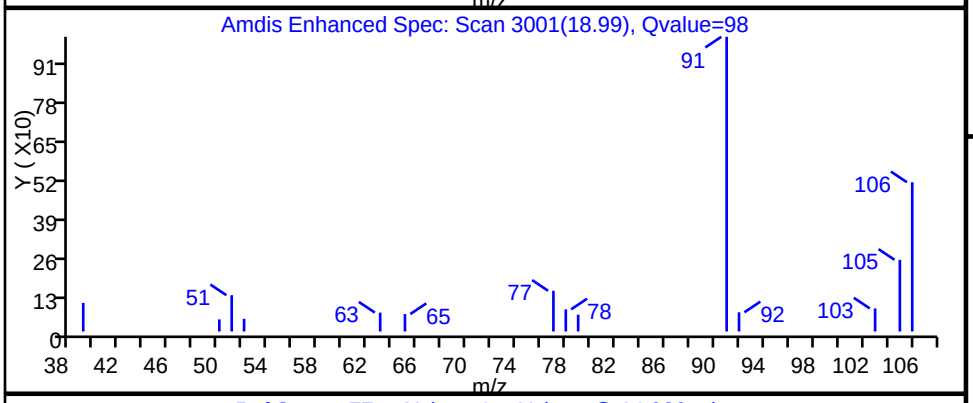
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

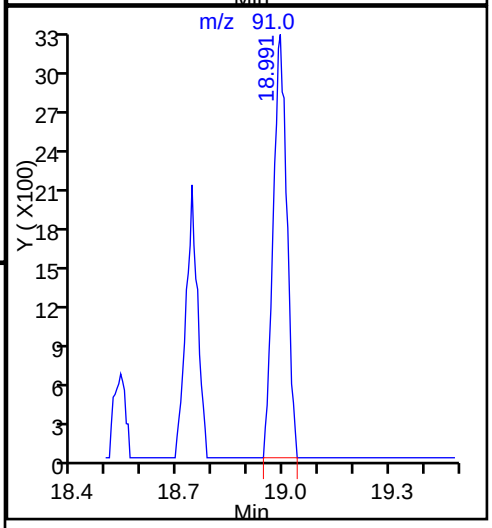
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

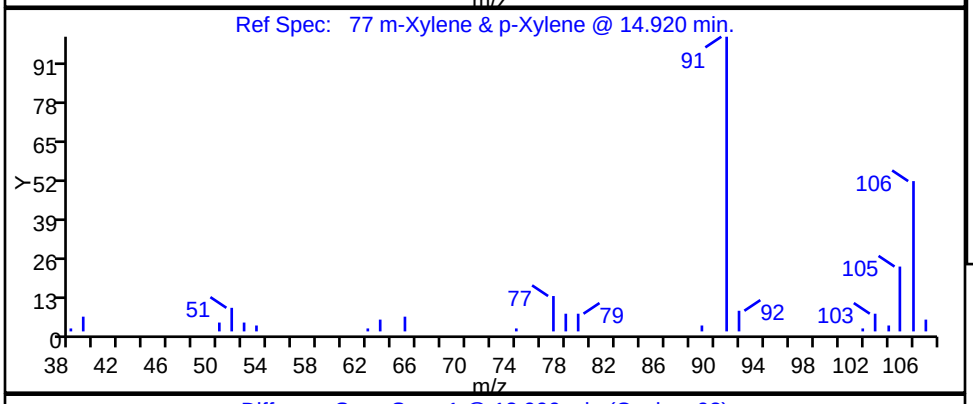
77 m-Xylene & p-Xylene, CAS: 179601-23-1

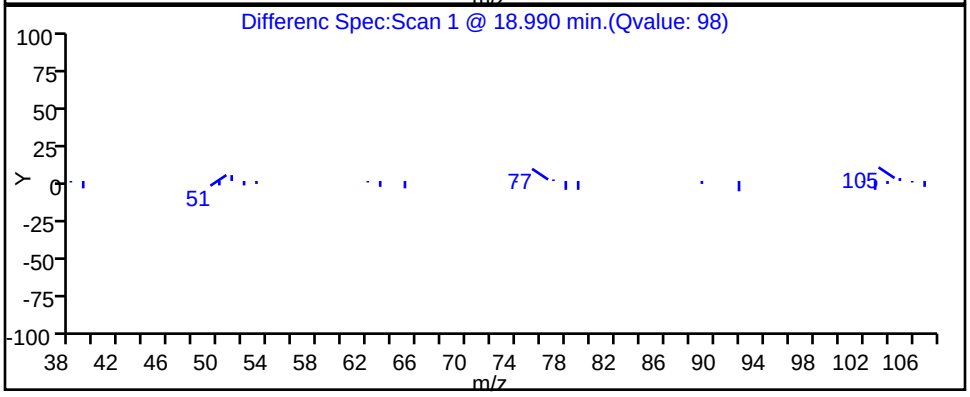












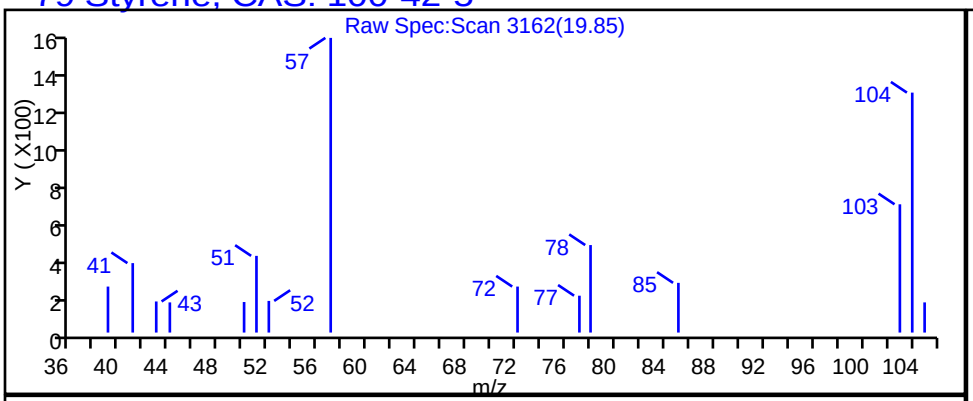
Report Date: 29-Jan-2015 09:23:05 Chrom Revision: 2.2 15-Jan-2015 13:05:58

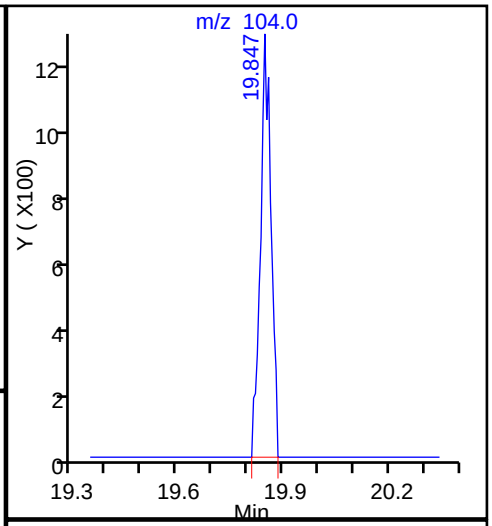
TestAmerica Burlington

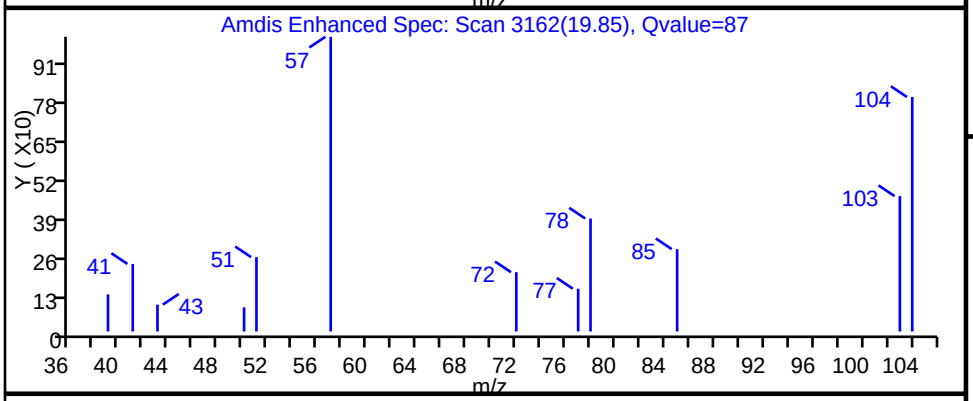
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D

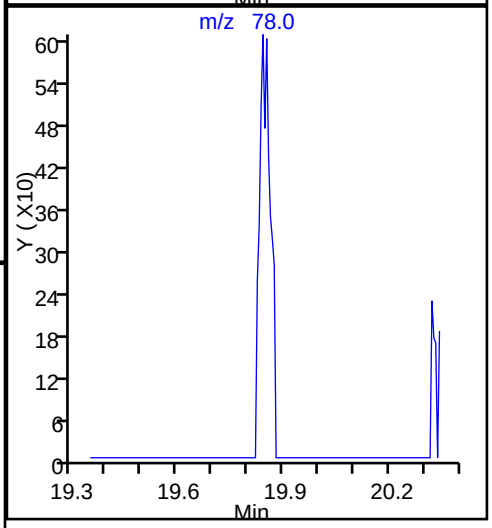
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

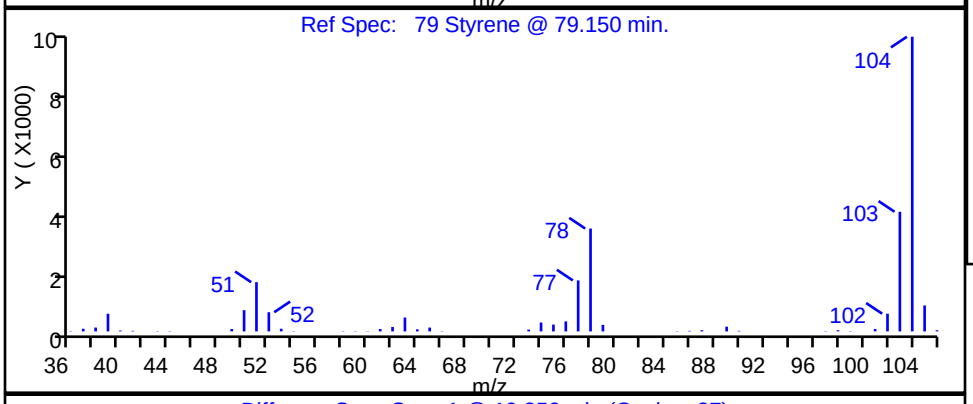
79 Styrene, CAS: 100-42-5

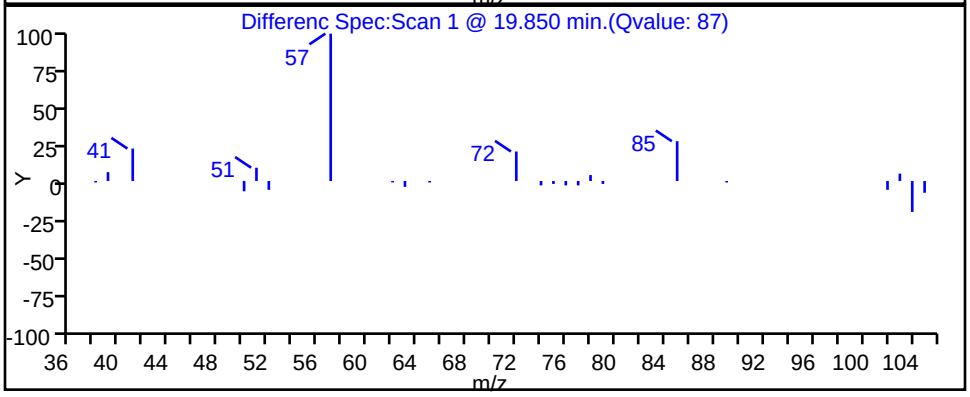












Manual Integration/User Assign Peak Report

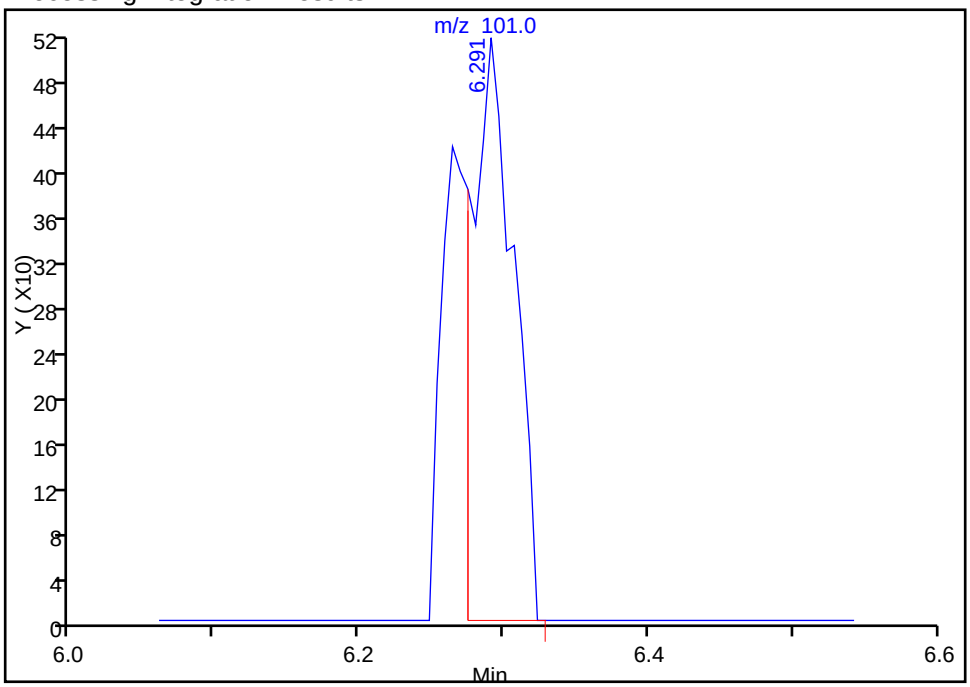
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-026.D				
Injection Date:	29-Jan-2015 05:02:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-20	Lab Sample ID:	200-64806-20		
Client ID:	776IA1MA				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

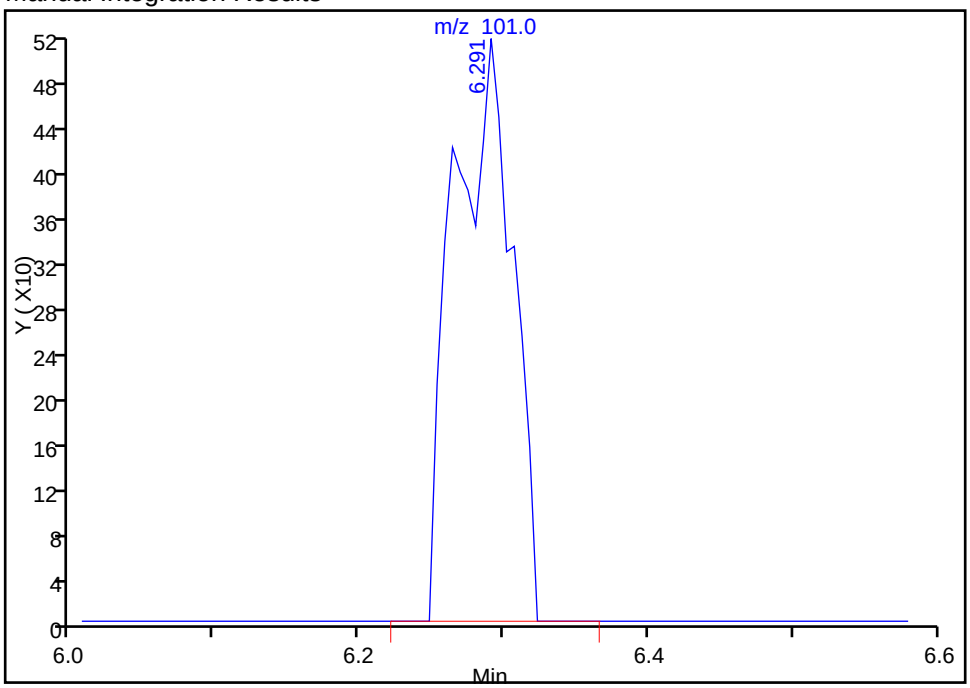
Processing Integration Results

RT: 6.29
Area: 1028
Amount: 0.042408
Amount Units: ppb v/v



Manual Integration Results

RT: 6.29
Area: 1468
Amount: 0.060560
Amount Units: ppb v/v



Reviewer: desjardinsb, 29-Jan-2015 09:23:04
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NA Lab Sample ID: 280-64806-21

Matrix: Air Lab File ID: 11918_11.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 17:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.62		0.50	0.056
75-45-6	Freon 22	86.47	0.29	J	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.45	J	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.23		0.20	0.045
76-13-1	Freon TF	187.38	0.089	J M	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.3	J	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.58	J	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.17	J M	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.045	J	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.47	J	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.78		0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.44	J	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.10	J	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.051	J M	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.20		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NA Lab Sample ID: 280-64806-21

Matrix: Air Lab File ID: 11918_11.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 17:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.055	J	0.20	0.037
79-01-6	Trichloroethene	131.39	1.2		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.23		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.074	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.027	J	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.10	J	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NA Lab Sample ID: 280-64806-21

Matrix: Air Lab File ID: 11918_11.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 17:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NA Lab Sample ID: 280-64806-21

Matrix: Air Lab File ID: 11918_11.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 17:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.1		2.5	0.28
75-45-6	Freon 22	86.47	1.0	J	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	1.1	J	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.25
76-13-1	Freon TF	187.38	0.68	J M	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	5.5	J	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.4	J	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.58	J M	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.16	J	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	1.4	J	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	3.8		0.98	0.19
109-99-9	Tetrahydrofuran	72.11	1.3	J	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.55	J	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.32	J M	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.63		0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NA Lab Sample ID: 280-64806-21

Matrix: Air Lab File ID: 11918_11.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 17:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.23	J	0.82	0.15
79-01-6	Trichloroethene	131.39	6.3		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.87		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.32	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.12	J	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.44	J	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NA Lab Sample ID: 280-64806-21

Matrix: Air Lab File ID: 11918_11.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 17:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D
Lims ID: 280-64806-A-21 Lab Sample ID: 200-64806-21
Client ID: 786VMP0202NA
Sample Type: Client
Inject. Date: 02-Feb-2015 17:43:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011918-011
Misc. Info.: 64806-21
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 03-Feb-2015 09:43:15 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: lyonsb Date: 03-Feb-2015 09:05:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	2.832	2.827	0.005	99	68692	0.6194	
3 Chlorodifluoromethane	51	2.886	2.881	0.005	97	18532	0.2861	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.095				ND	
5 Chloromethane	50		3.223				ND	
6 Butane	43	3.432	3.426	0.006	98	21576	0.4527	
7 Vinyl chloride	62		3.469				ND	
8 Butadiene	54		3.549				ND	
9 Bromomethane	94		4.229				ND	
10 Chloroethane	64		4.480				ND	
12 Vinyl bromide	106		4.881				ND	
13 Trichlorofluoromethane	101	4.994	4.994	0.000	96	21892	0.2277	
19 1,1,2-Trichloro-1,2,2-trif	101	6.123	6.123	0.000	63	5094	0.0886	M
20 1,1-Dichloroethene	96		6.155				ND	
21 Acetone	43	6.417	6.401	0.016	81	120999	2.32	
22 Carbon disulfide	76		6.529				ND	
23 Isopropyl alcohol	45	6.786	6.743	0.043	97	21221	0.5824	
24 3-Chloro-1-propene	41		6.968				ND	
26 Methylene Chloride	49	7.273	7.267	0.006	70	6960	0.1680	M
27 2-Methyl-2-propanol	59		7.546				ND	
28 Methyl tert-butyl ether	73	7.701	7.711	-0.010	1	207	0.002949	
29 trans-1,2-Dichloroethene	61		7.727				ND	
31 Hexane	57	8.145	8.150	-0.005	19	1579	0.0453	
32 1,1-Dichloroethane	63		8.615				ND	
34 cis-1,2-Dichloroethene	96		9.744				ND	
35 2-Butanone (MEK)	72	9.835	9.814	0.021	98	5635	0.4737	
S 37 1,2-Dichloroethene, Total	61		10.200				ND	
* 38 Chlorobromomethane	128	10.210	10.210	0.000	93	270542	10.0	
39 Tetrahydrofuran	42	10.274	10.231	0.043	87	14018	0.4394	
40 Chloroform	83	10.354	10.359	-0.005	94	58007	0.7798	
41 Cyclohexane	84		10.611				ND	
42 1,1,1-Trichloroethane	97	10.622	10.627	-0.005	90	7807	0.1013	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	43 Carbon tetrachloride	117	10.889	10.884	0.005	72	4459	0.0511	M
	44 Benzene	78	11.338	11.344	-0.006	97	16653	0.1958	
	45 Isooctane	57		11.349				ND	
	46 1,2-Dichloroethane	62		11.526				ND	
	47 n-Heptane	43	11.766	11.750	0.016	78	3337	0.0550	
*	48 1,4-Difluorobenzene	114	12.205	12.205	0.000	97	1345838	10.0	
	50 Trichloroethene	95	12.671	12.665	0.006	90	56140	1.18	
	52 1,2-Dichloropropane	63		13.216				ND	
	53 Methyl methacrylate	69		13.425				ND	
	54 1,4-Dioxane	88		13.457				ND	
	56 Dichlorobromomethane	83		13.778				ND	
	58 cis-1,3-Dichloropropene	75		14.768				ND	
	59 4-Methyl-2-pentanone (MIBK	43		15.089				ND	
	61 Toluene	92	15.394	15.388	0.006	92	14034	0.2310	
	64 trans-1,3-Dichloropropene	75		16.009				ND	
	65 1,1,2-Trichloroethane	83		16.383				ND	
	66 Tetrachloroethene	166		16.506				ND	
	67 2-Hexanone	43		16.875				ND	
	68 Chlorodibromomethane	129		17.164				ND	
	69 Ethylene Dibromide	107		17.432				ND	
*	70 Chlorobenzene-d5	117	18.363	18.363	0.000	96	1320648	10.0	
	71 Chlorobenzene	112		18.421				ND	
	72 Ethylbenzene	91		18.593				ND	
	74 m-Xylene & p-Xylene	106	18.849	18.849	0.000	0	3922	0.0742	
	75 o-Xylene	106	19.689	19.700	-0.011	27	1417	0.0268	
	76 Styrene	104		19.748				ND	
S	77 Xylenes, Total	106				0		0.1010	
	78 Bromoform	173		20.165				ND	
	79 Isopropylbenzene	105		20.406				ND	
*	80 4-Bromofluorobenzene	95	20.770	20.770	0.000	85	1057272	10.0	
	81 1,1,2,2-Tetrachloroethane	83		21.054				ND	
	82 N-Propylbenzene	91		21.139				ND	
	84 2-Chlorotoluene	91		21.332				ND	
	85 4-Ethyltoluene	105		21.332				ND	
	87 1,3,5-Trimethylbenzene	105		21.444				ND	
	89 tert-Butylbenzene	119		21.936				ND	
	90 1,2,4-Trimethylbenzene	105		22.027				ND	
	91 sec-Butylbenzene	105		22.263				ND	
	92 4-Isopropyltoluene	119		22.466				ND	
	93 1,3-Dichlorobenzene	146		22.482				ND	
	94 1,4-Dichlorobenzene	146		22.616				ND	
	95 Benzyl chloride	91		22.808				ND	
	96 n-Butylbenzene	91		23.033				ND	
	98 1,2-Dichlorobenzene	146		23.140				ND	
	100 1,2,4-Trichlorobenzene	180		25.595				ND	
	101 Hexachlorobutadiene	225		25.793				ND	
	102 Naphthalene	128		26.066				ND	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

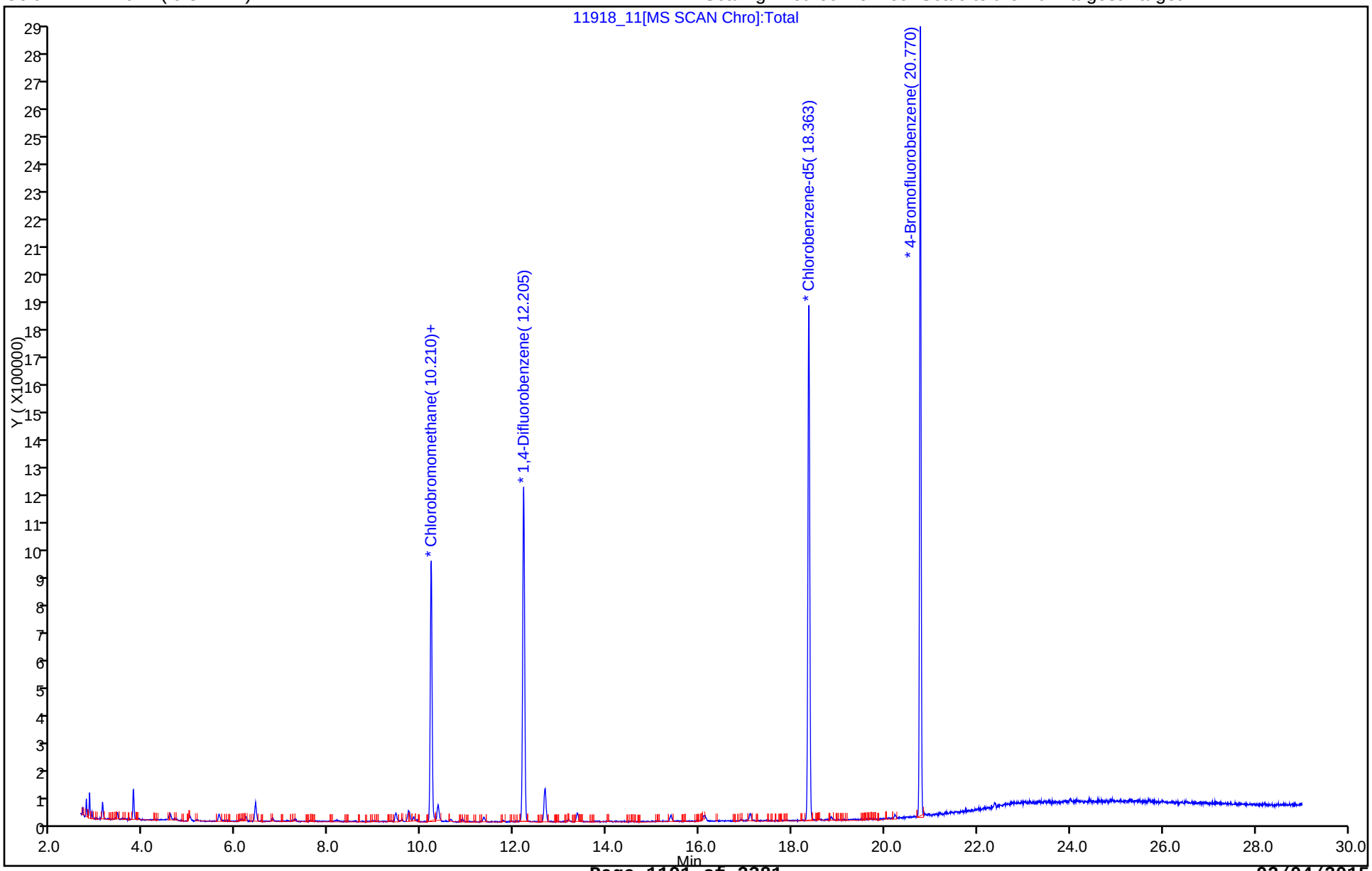
Report Date: 03-Feb-2015 09:43:27 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D

Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21	Worklist Smp#:	11
Client ID:	786VMP0202NA				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



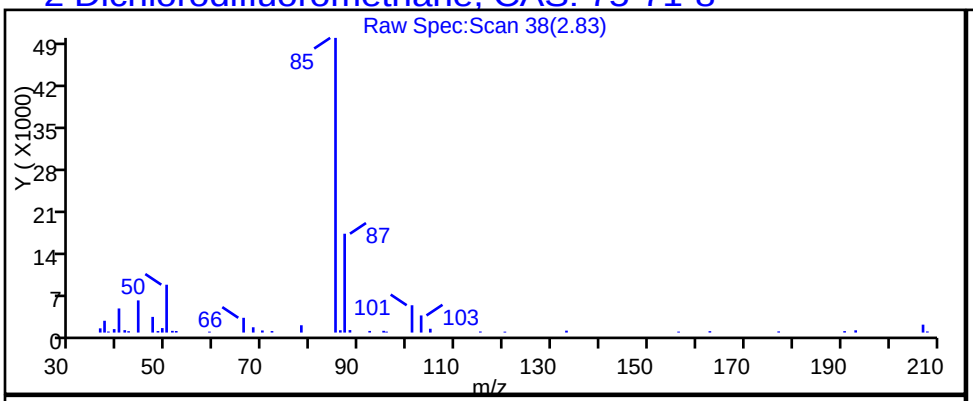
Report Date: 03-Feb-2015 09:43:27 Chrom Revision: 2.2 15-Jan-2015 13:05:58

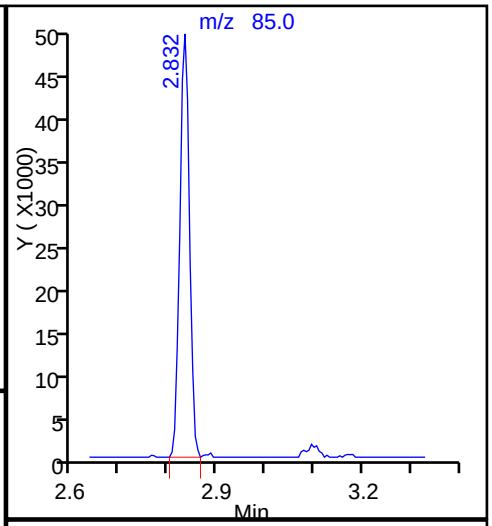
TestAmerica Burlington

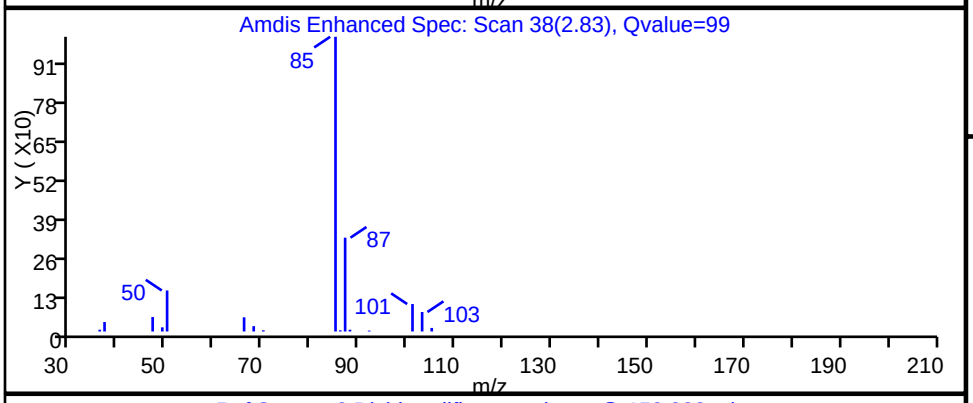
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D

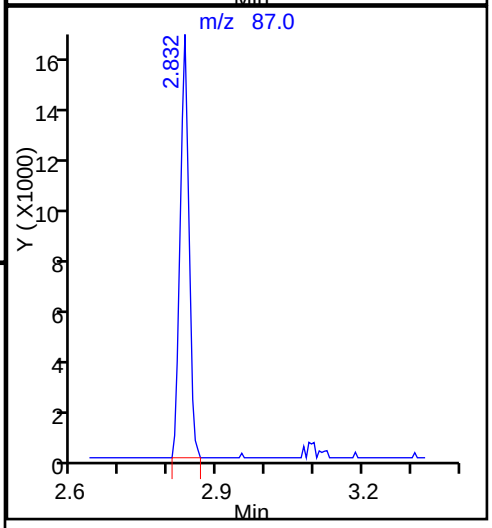
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

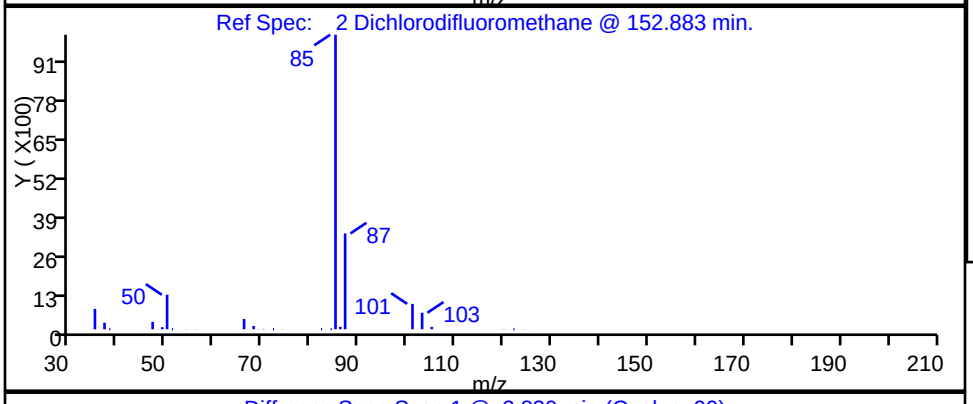
2 Dichlorodifluoromethane, CAS: 75-71-8

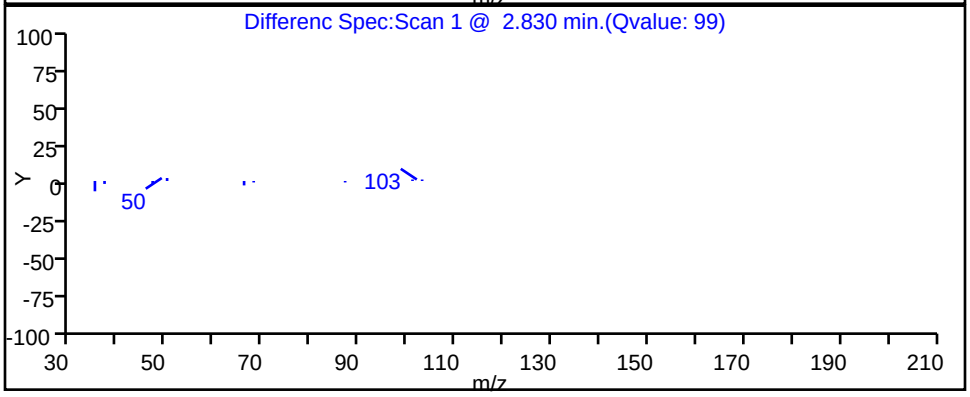








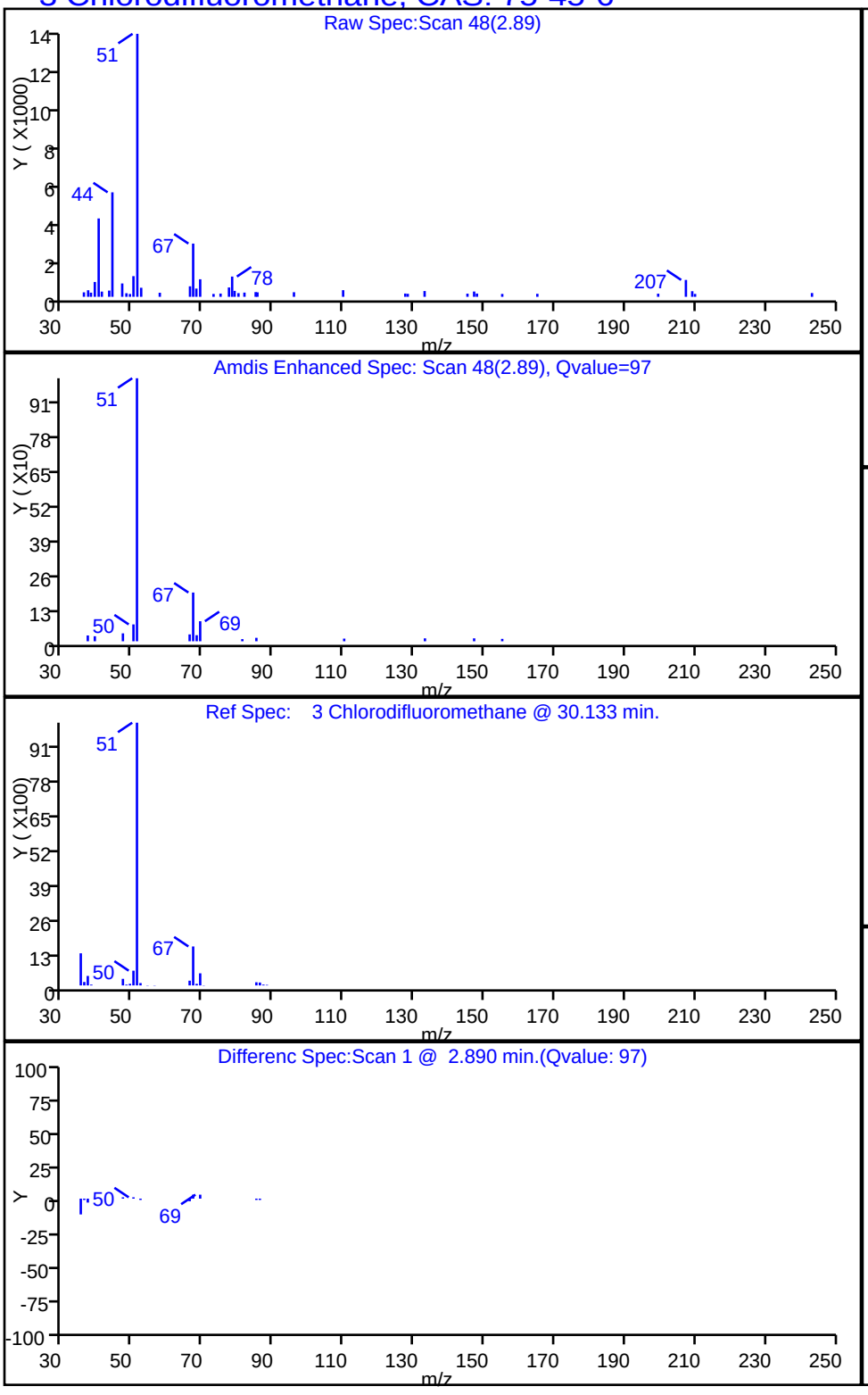


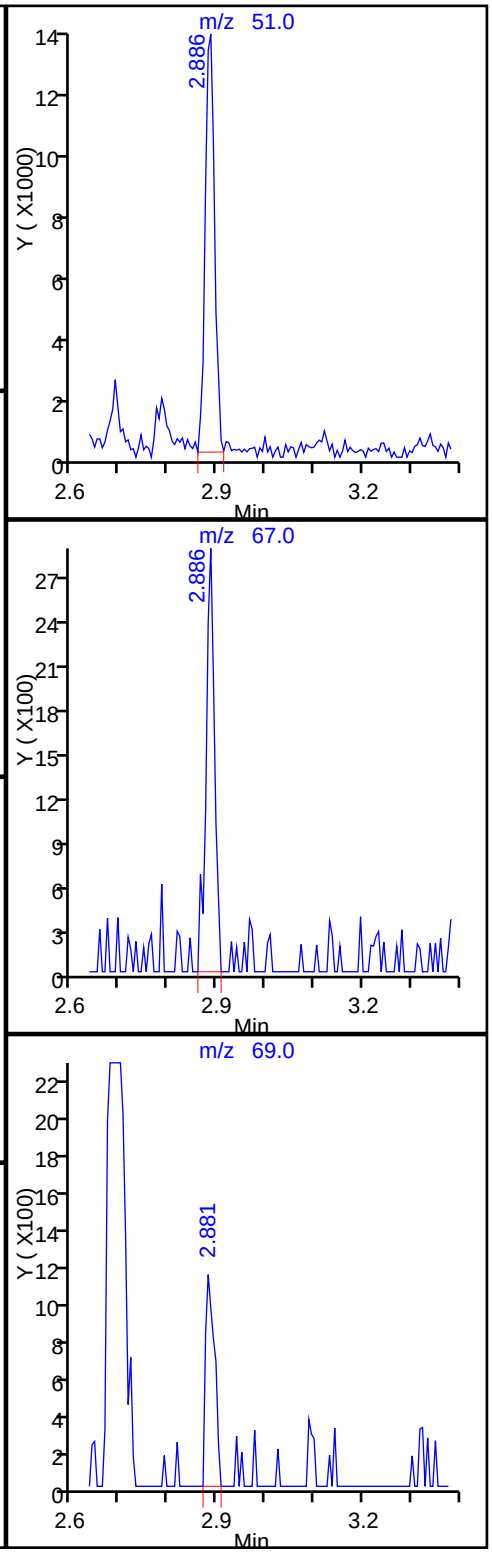


TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

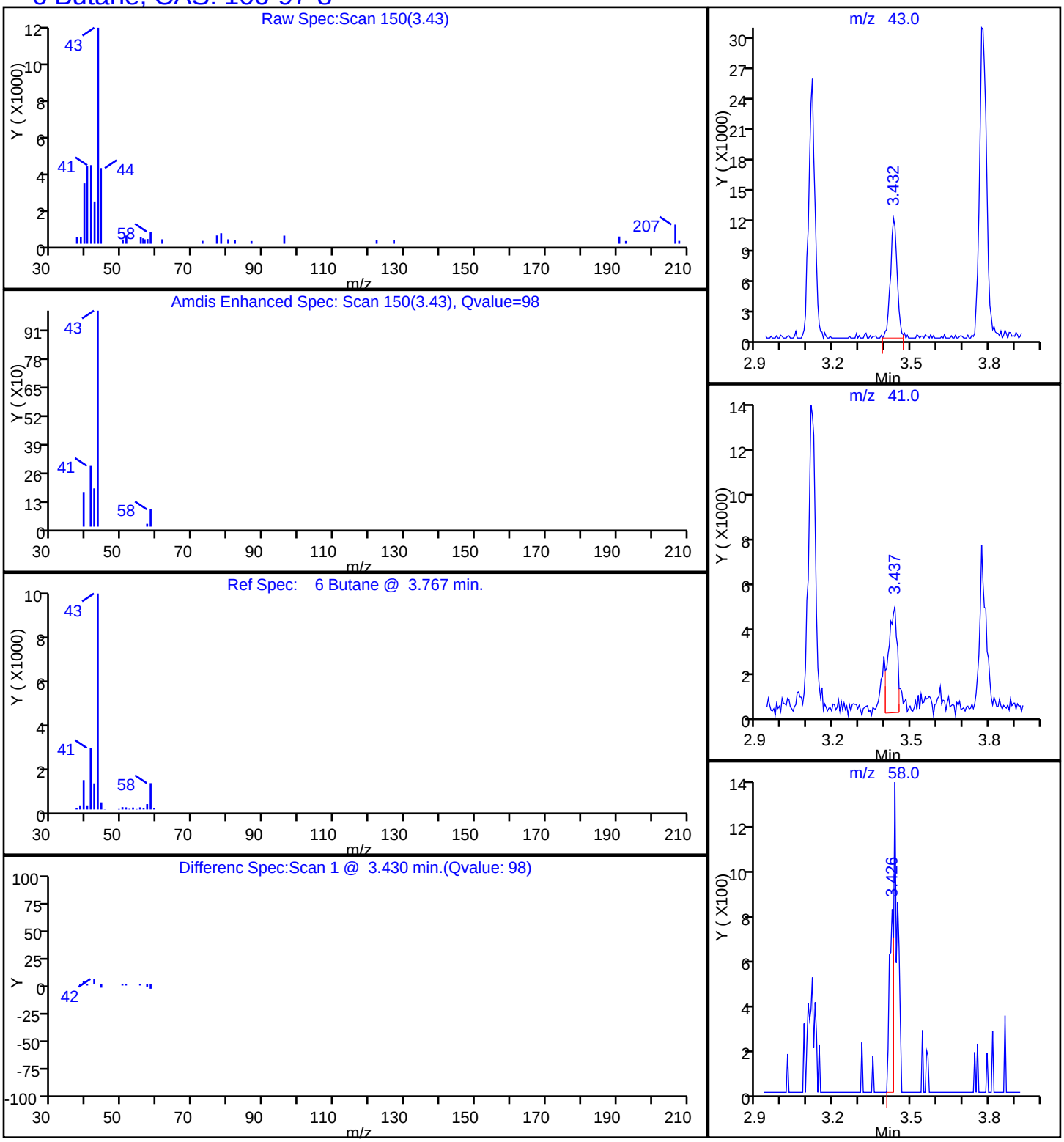




TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8

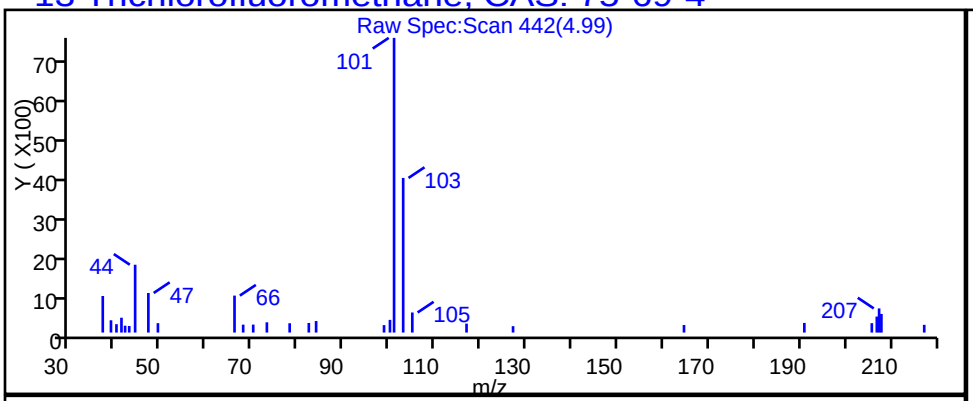


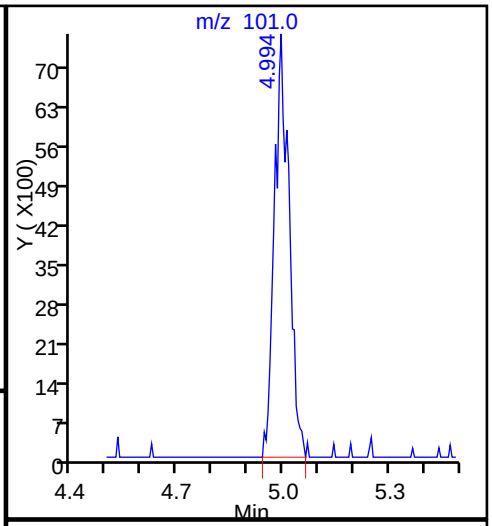
Report Date: 03-Feb-2015 09:43:27 Chrom Revision: 2.2 15-Jan-2015 13:05:58

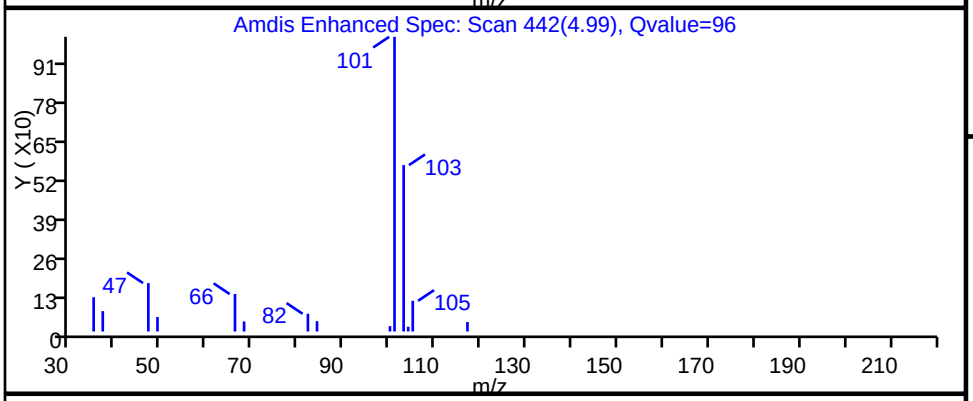
TestAmerica Burlington

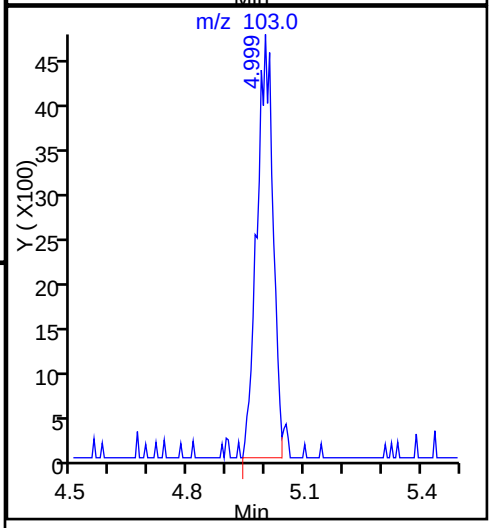
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

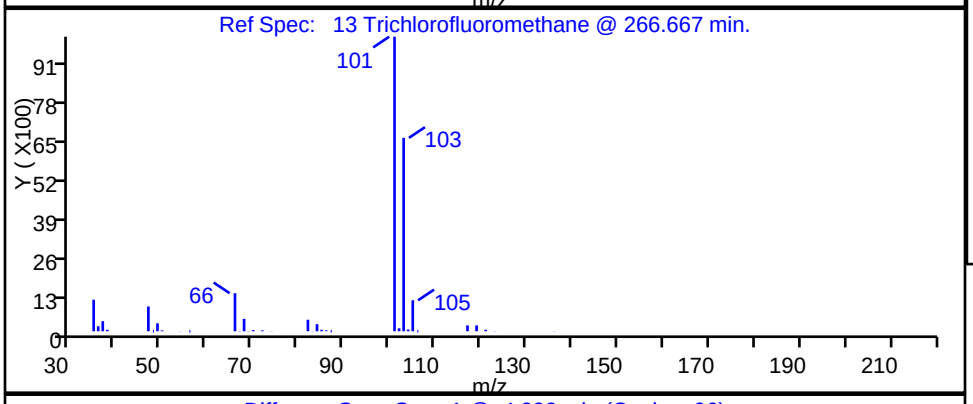
13 Trichlorofluoromethane, CAS: 75-69-4

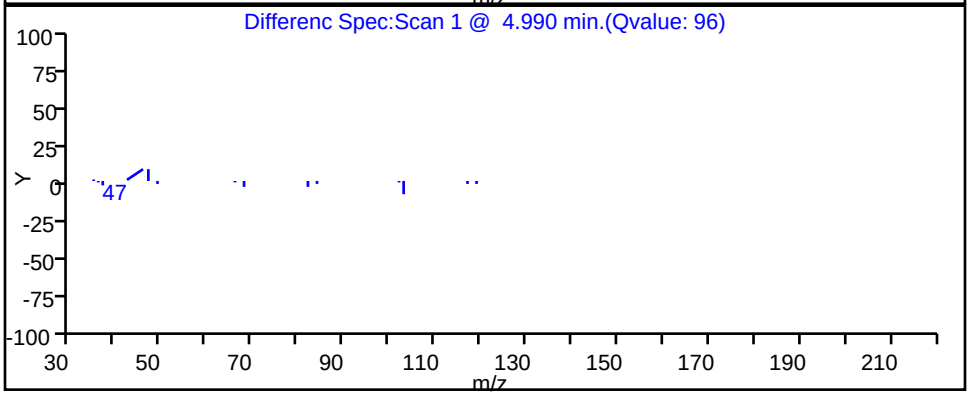








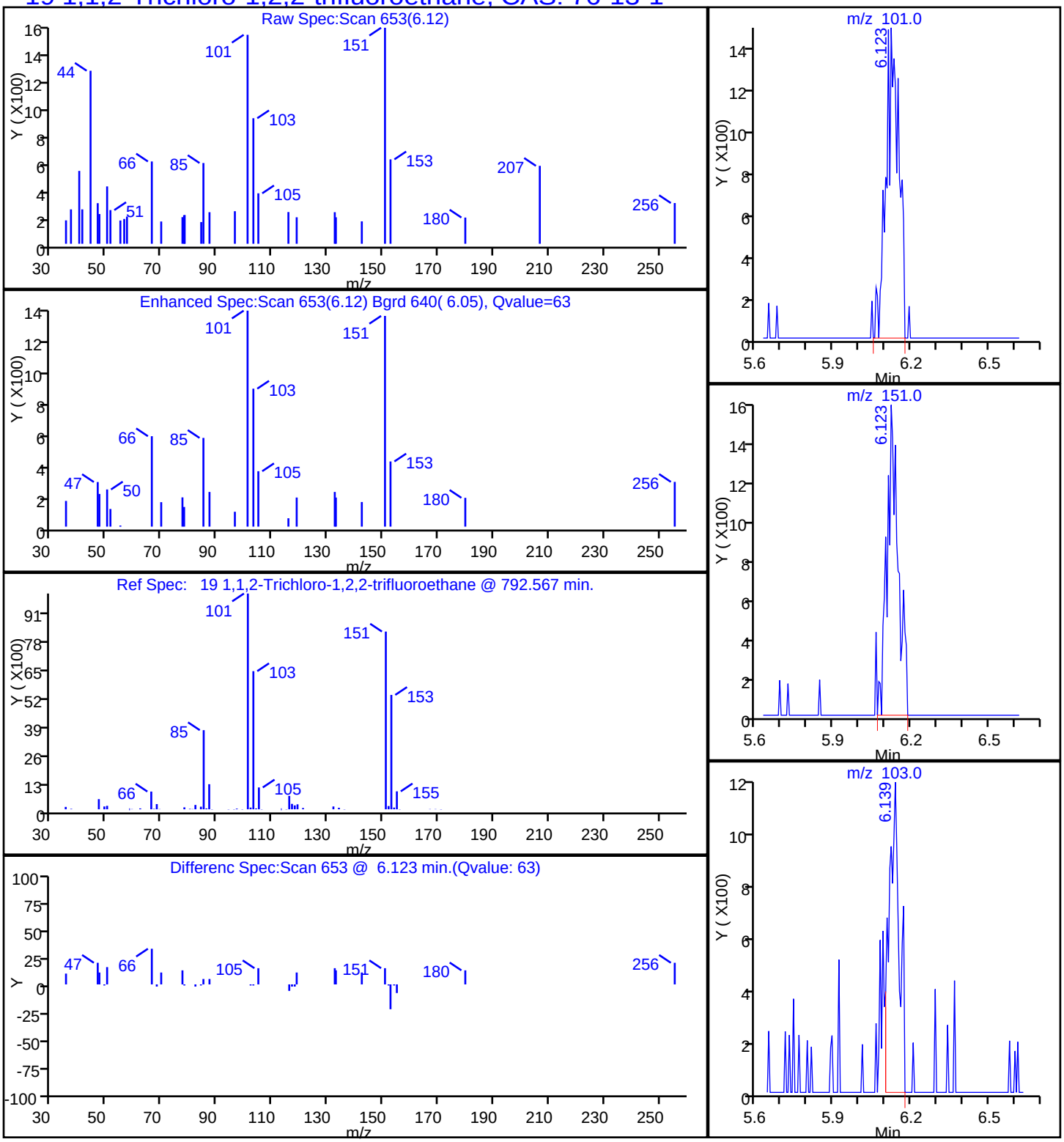




TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



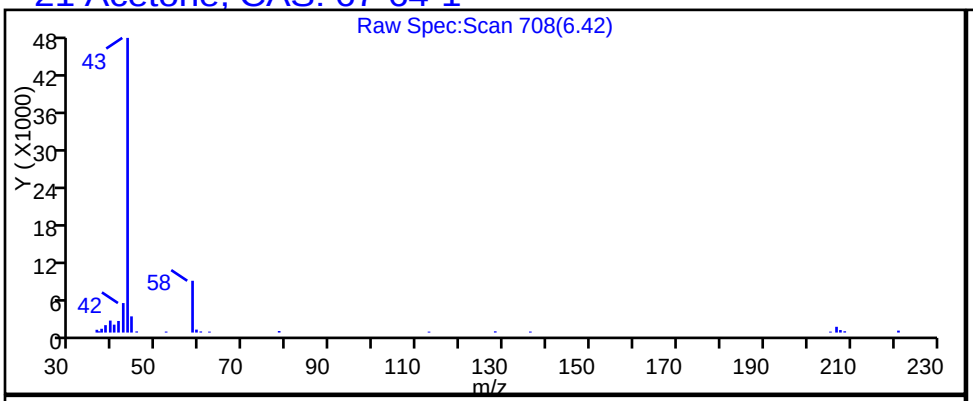
Report Date: 03-Feb-2015 09:43:27 Chrom Revision: 2.2 15-Jan-2015 13:05:58

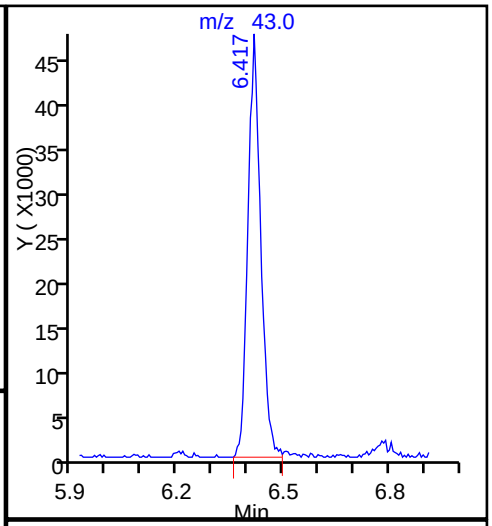
TestAmerica Burlington

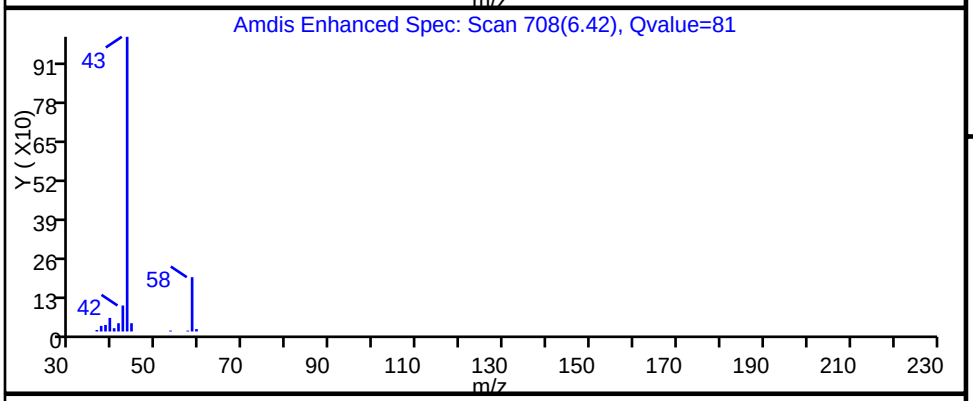
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D

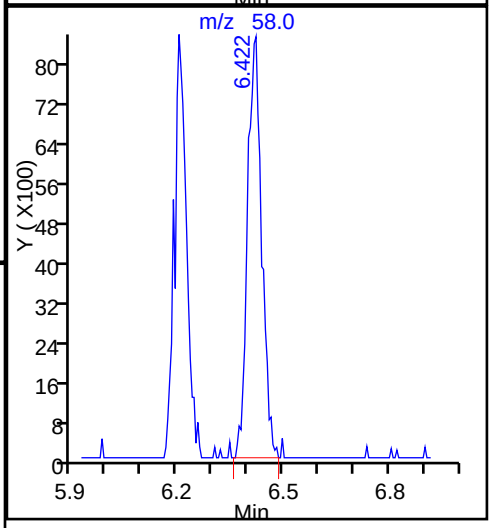
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

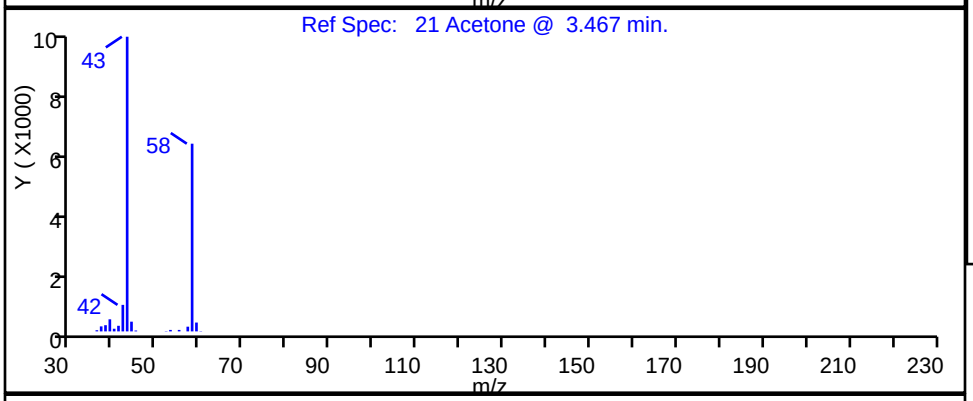
21 Acetone, CAS: 67-64-1

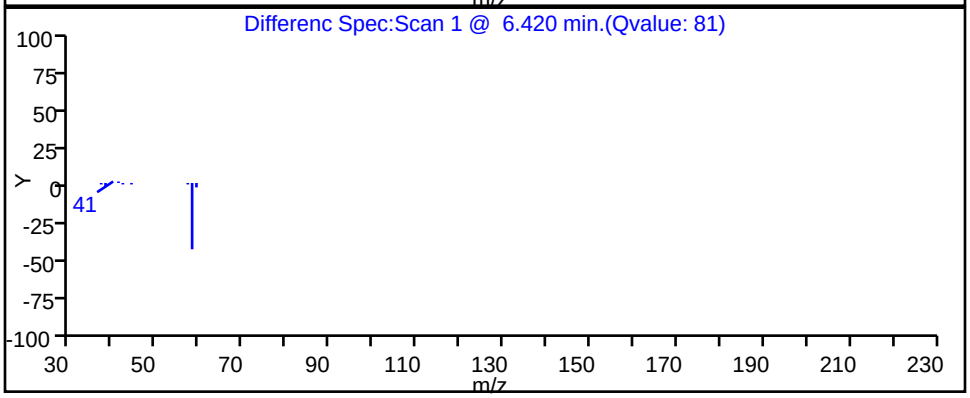










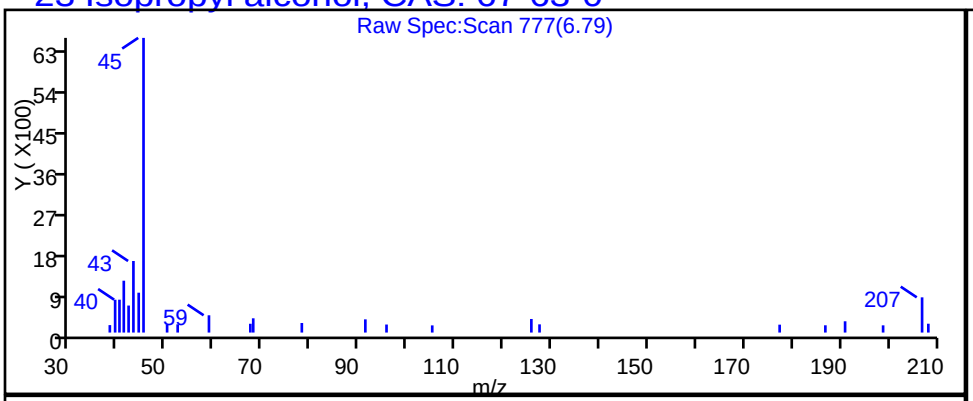


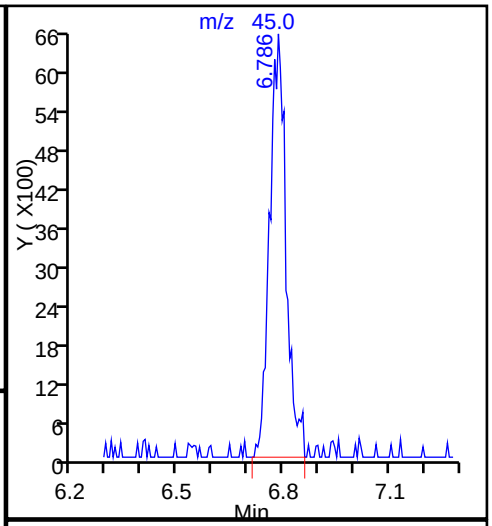
Report Date: 03-Feb-2015 09:43:27 Chrom Revision: 2.2 15-Jan-2015 13:05:58

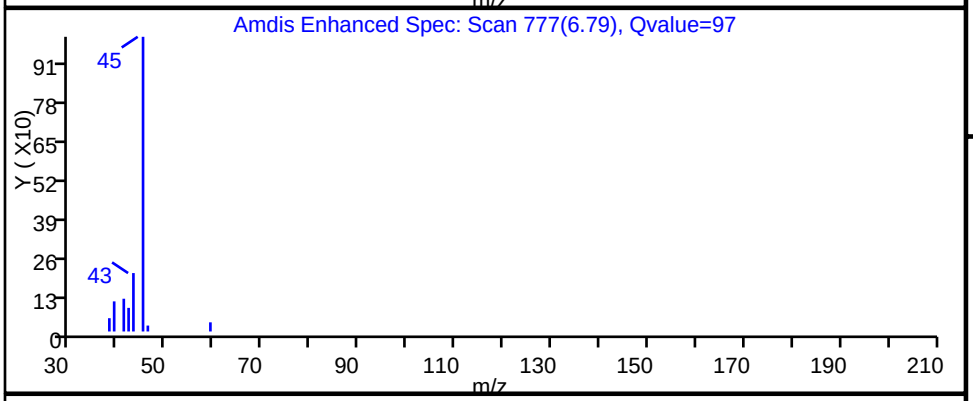
TestAmerica Burlington

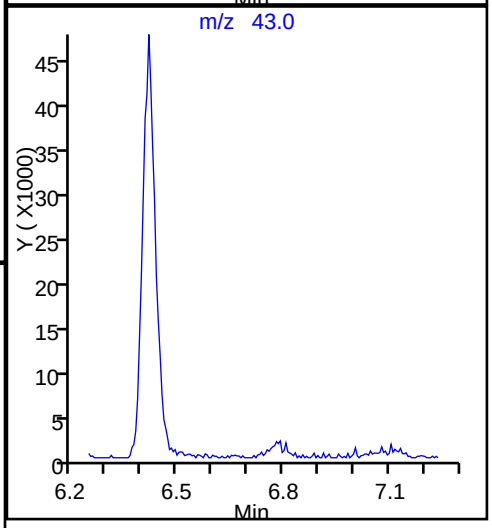
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

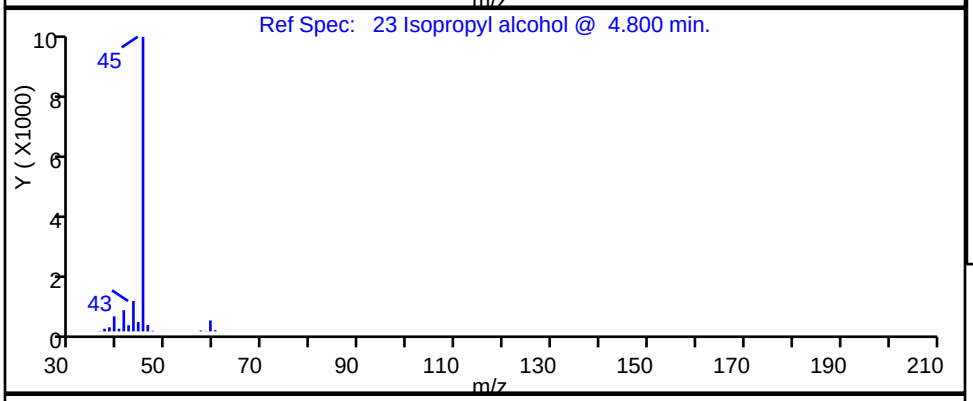
23 Isopropyl alcohol, CAS: 67-63-0

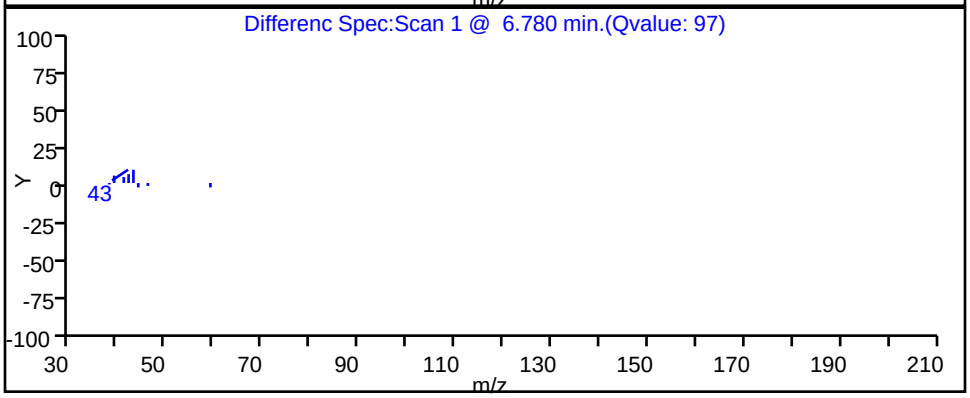










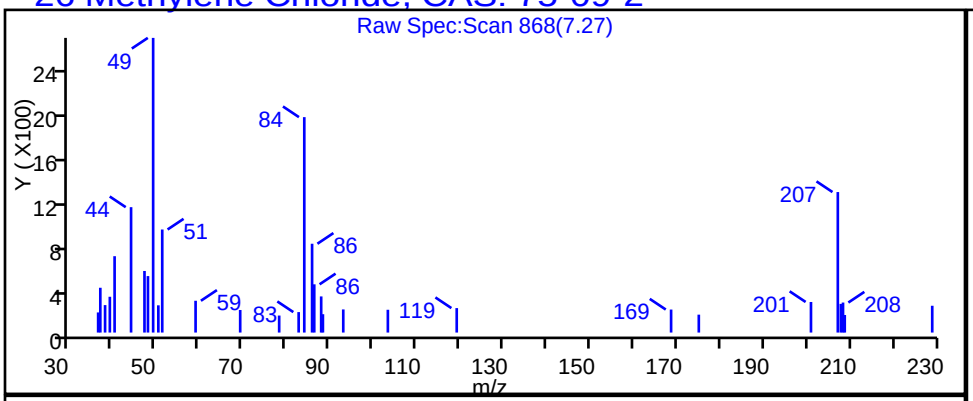


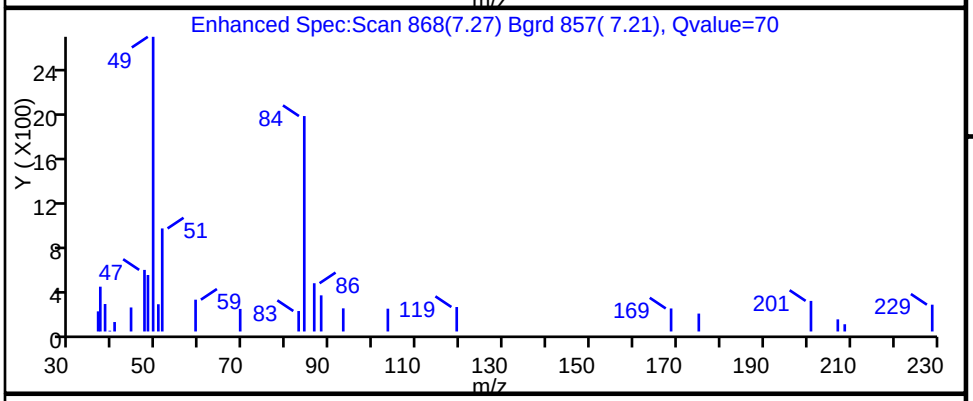
Report Date: 03-Feb-2015 09:43:28 Chrom Revision: 2.2 15-Jan-2015 13:05:58

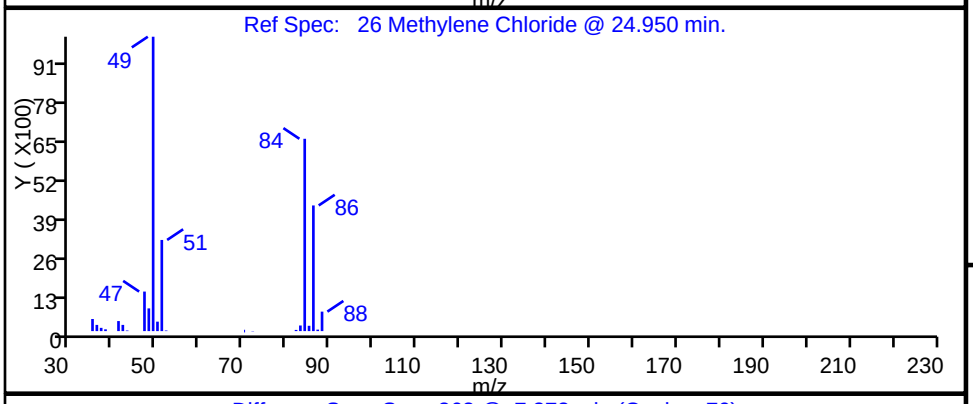
TestAmerica Burlington

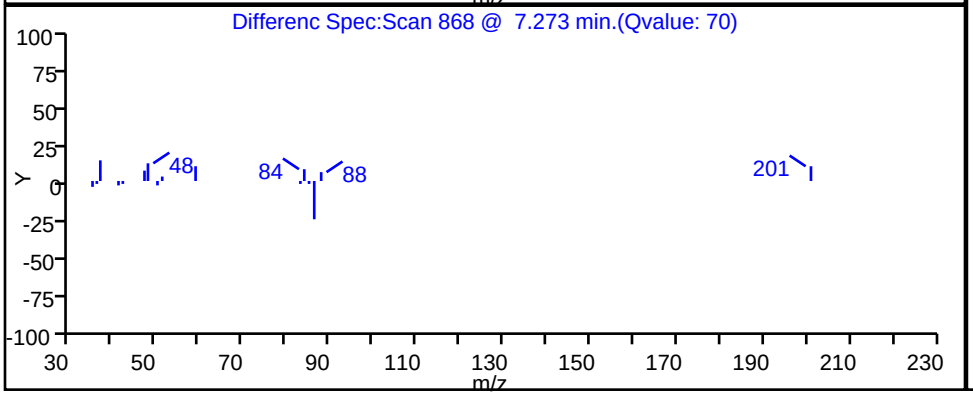
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

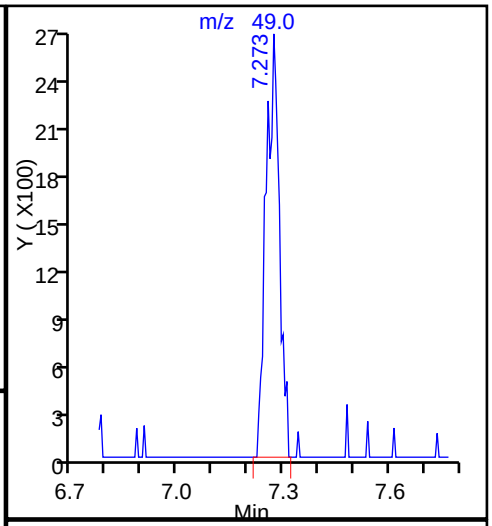
26 Methylene Chloride, CAS: 75-09-2

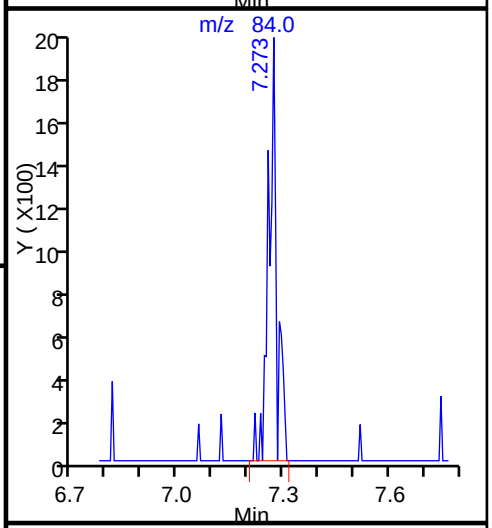


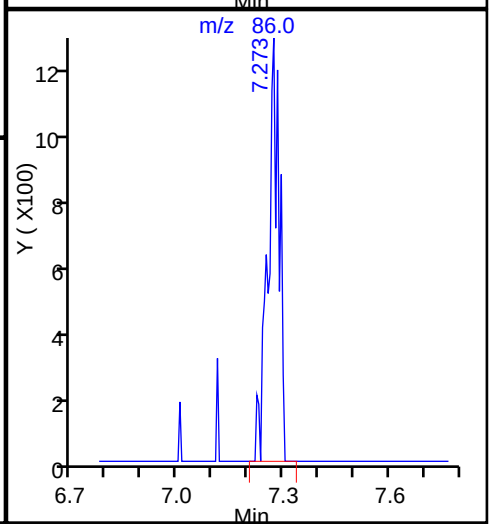












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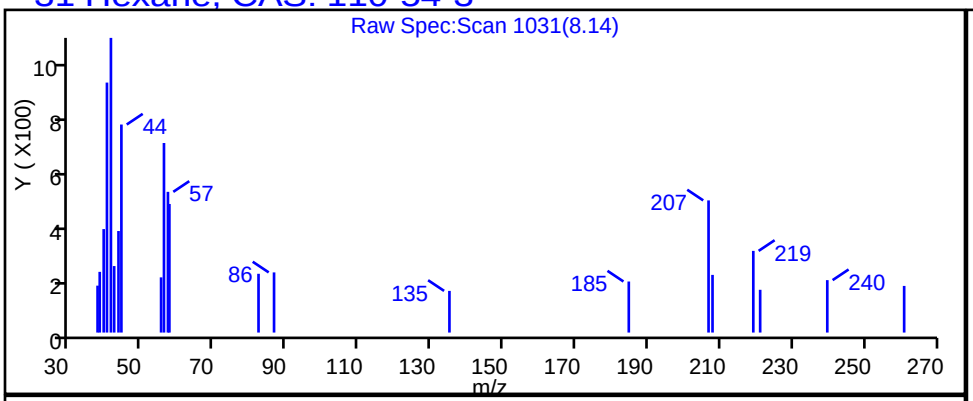
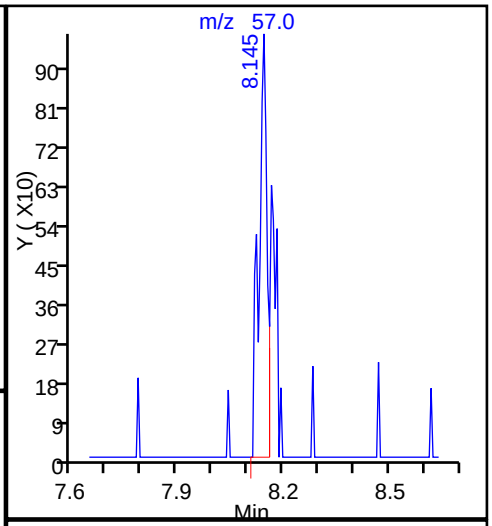
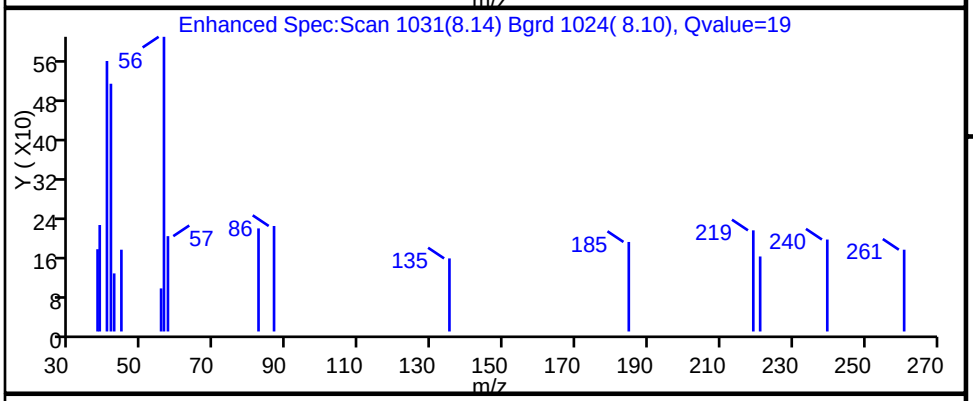
TestAmerica Burlington

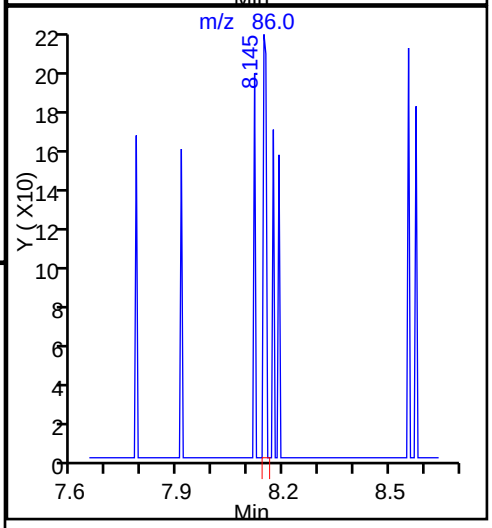
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

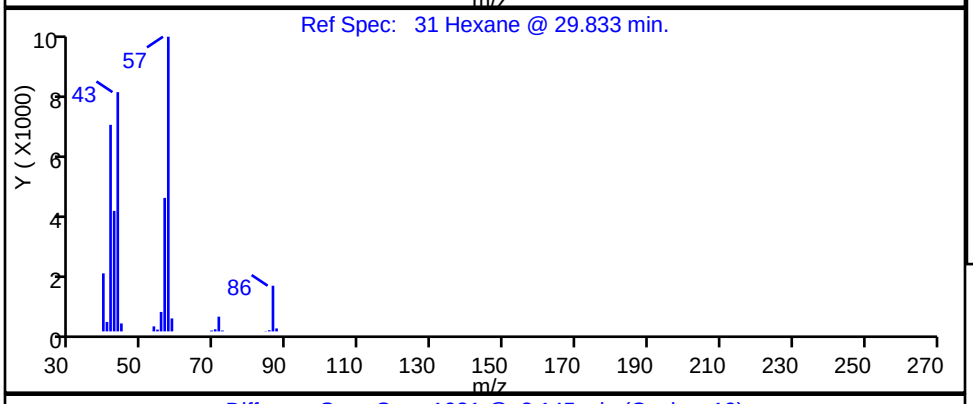
31 Hexane, CAS: 110-54-3

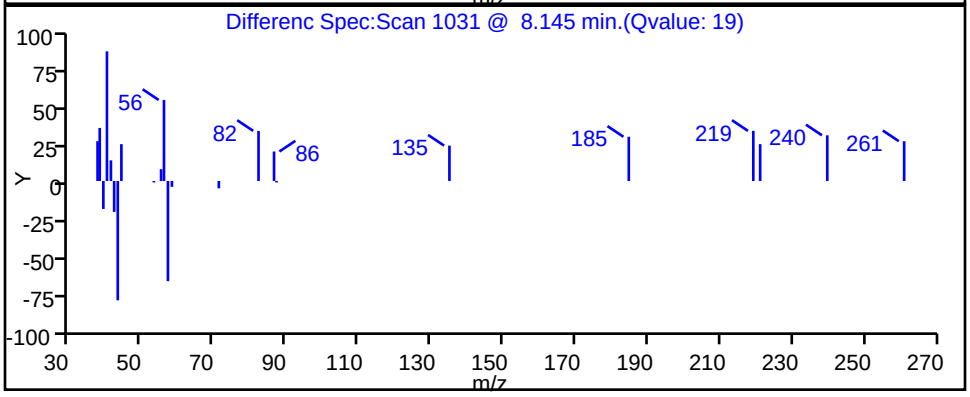










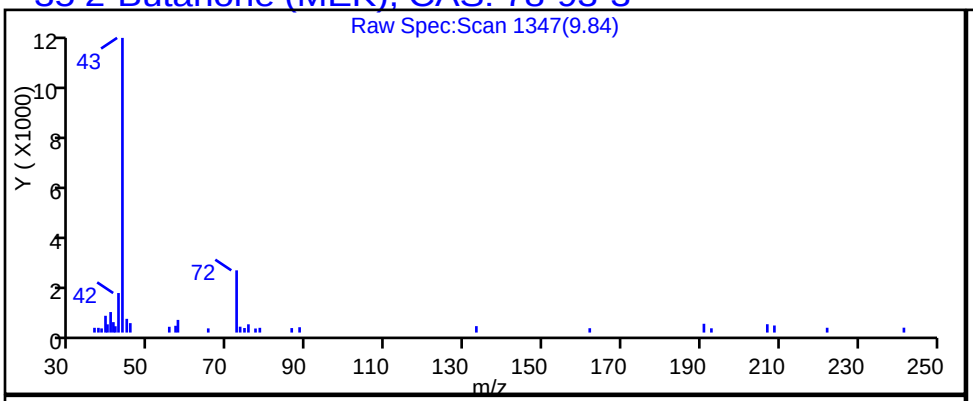


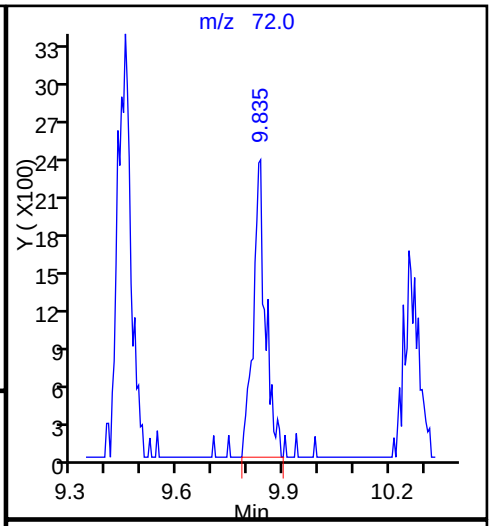
Report Date: 03-Feb-2015 09:43:28 Chrom Revision: 2.2 15-Jan-2015 13:05:58

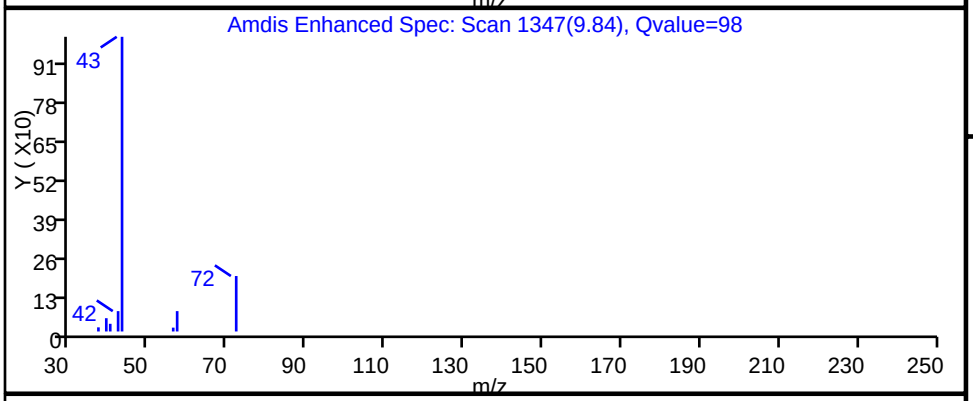
TestAmerica Burlington

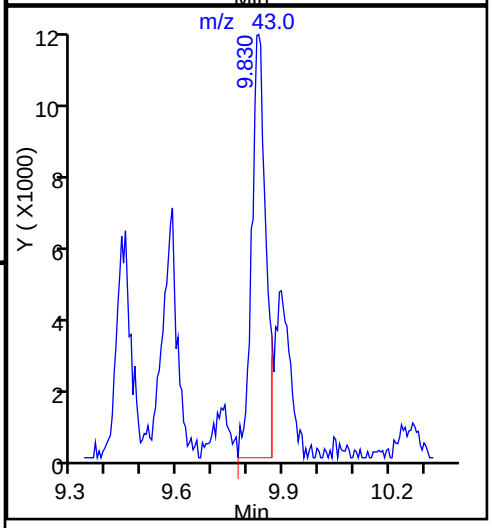
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

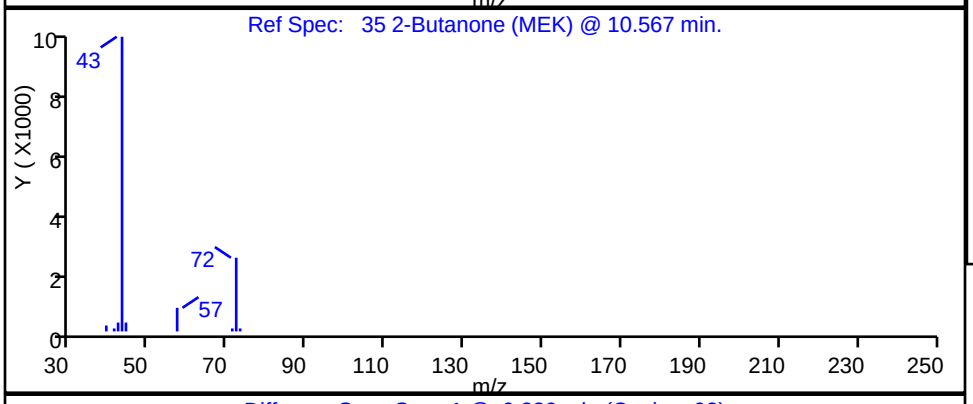
35 2-Butanone (MEK), CAS: 78-93-3

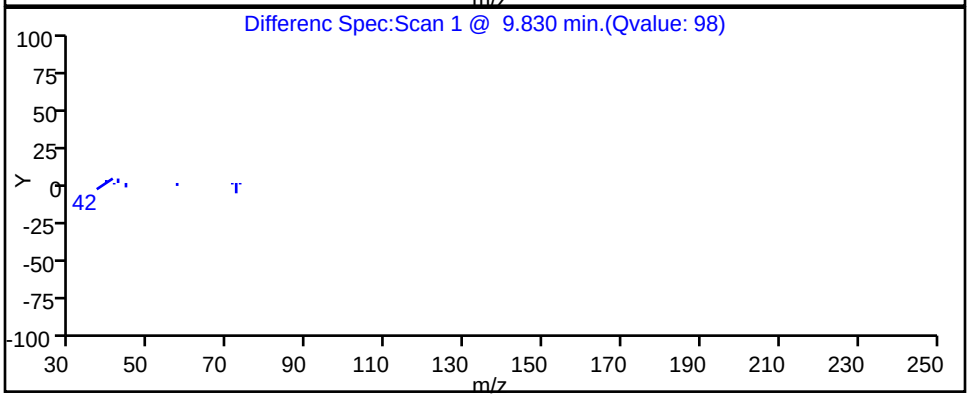












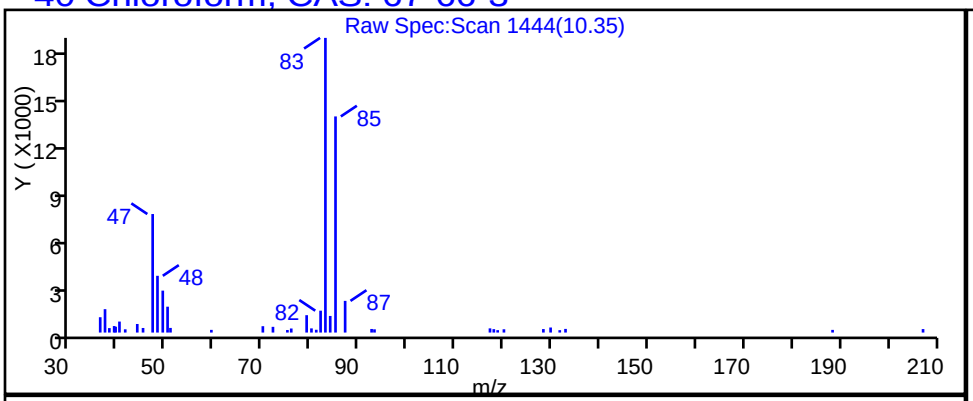
Report Date: 03-Feb-2015 09:43:28 Chrom Revision: 2.2 15-Jan-2015 13:05:58

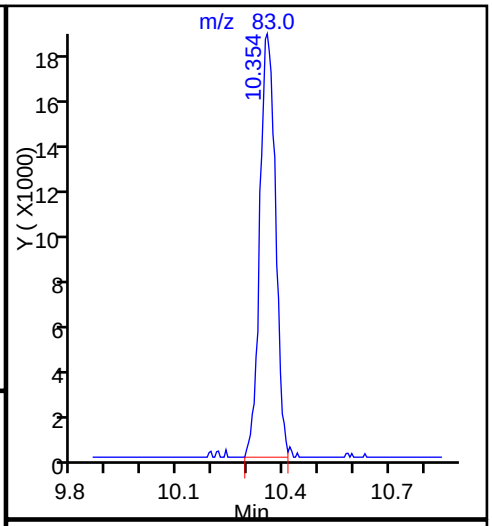
TestAmerica Burlington

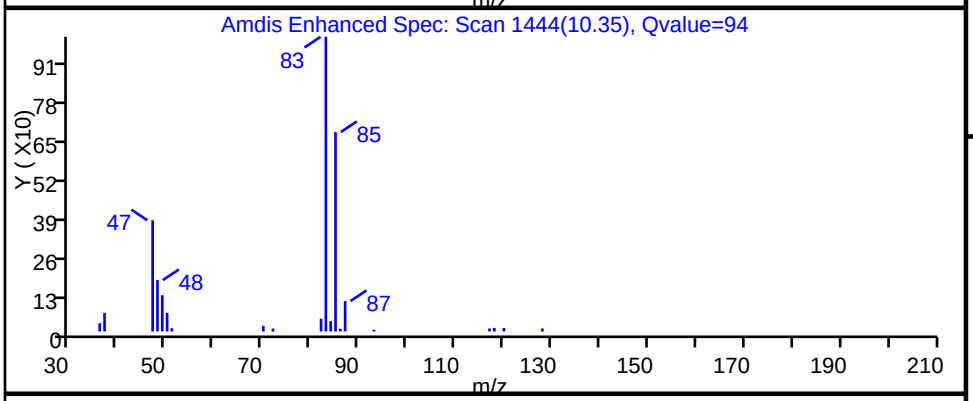
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D

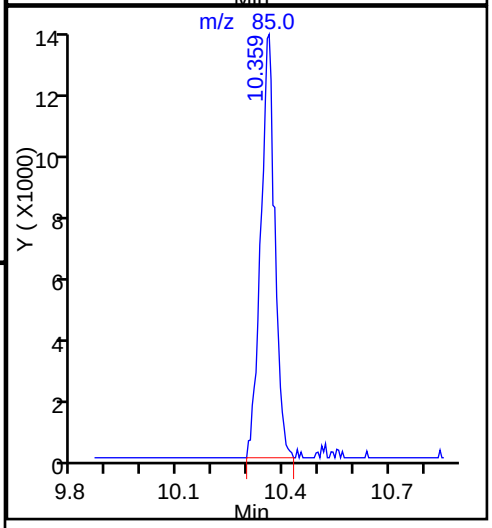
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

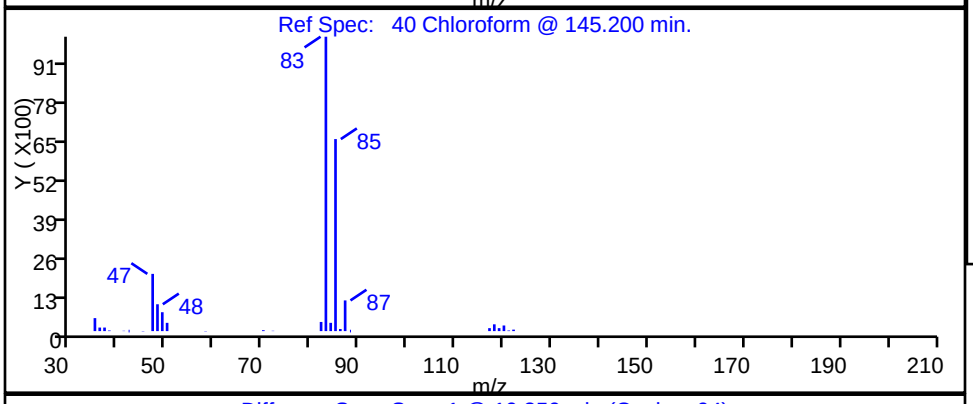
40 Chloroform, CAS: 67-66-3

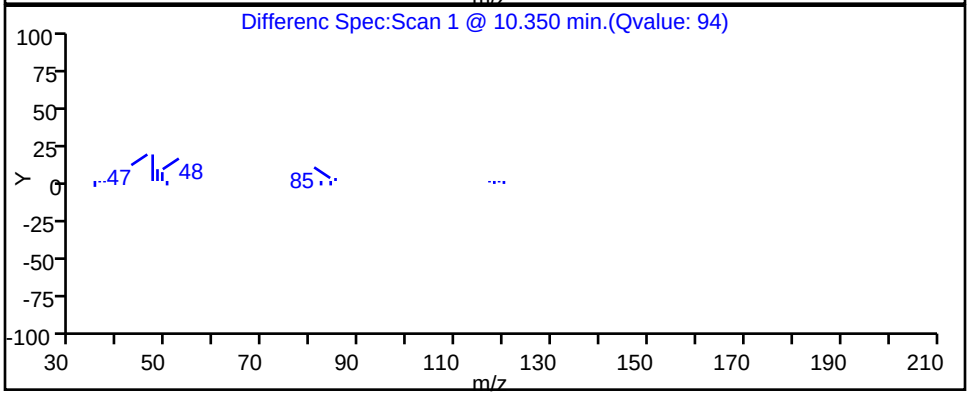










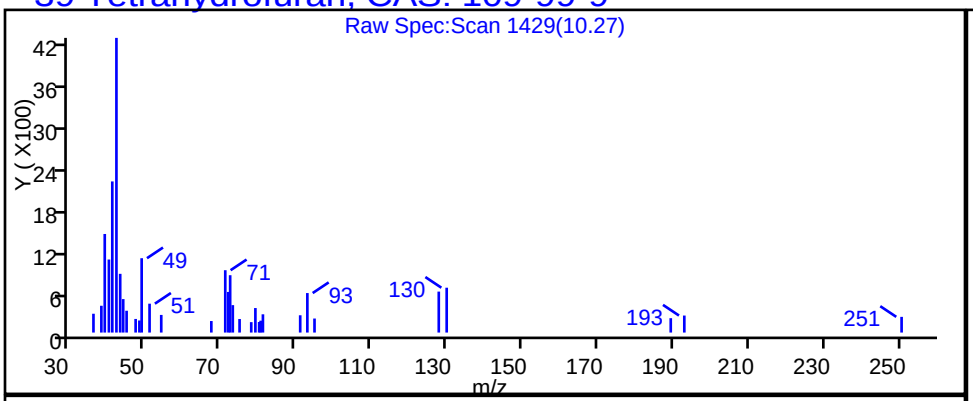


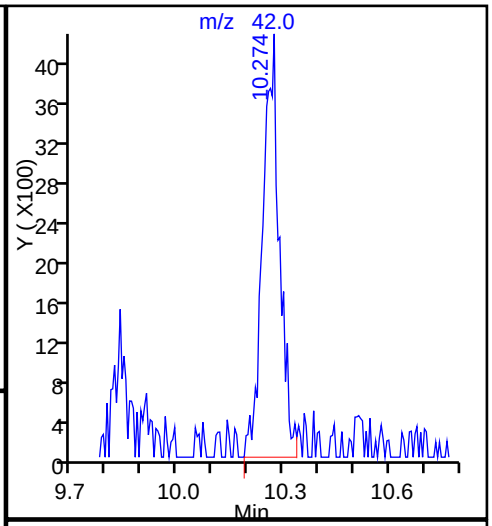
Report Date: 03-Feb-2015 09:43:28 Chrom Revision: 2.2 15-Jan-2015 13:05:58

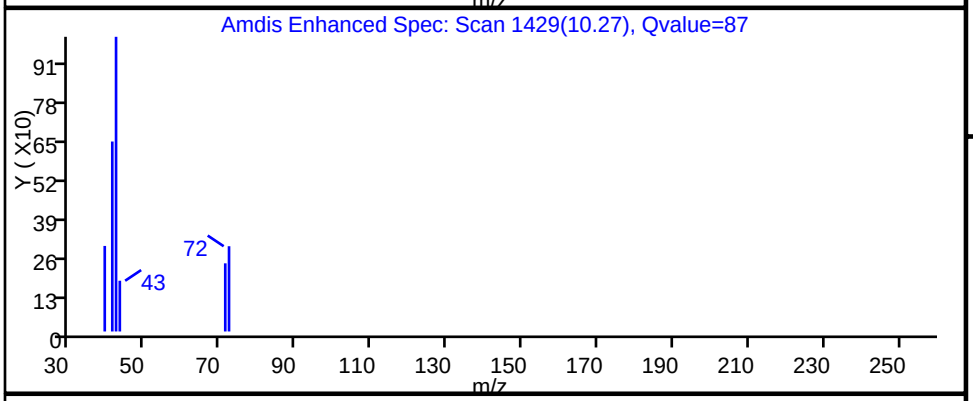
TestAmerica Burlington

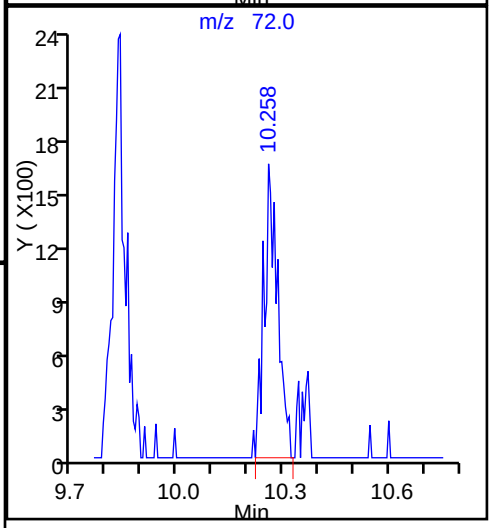
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

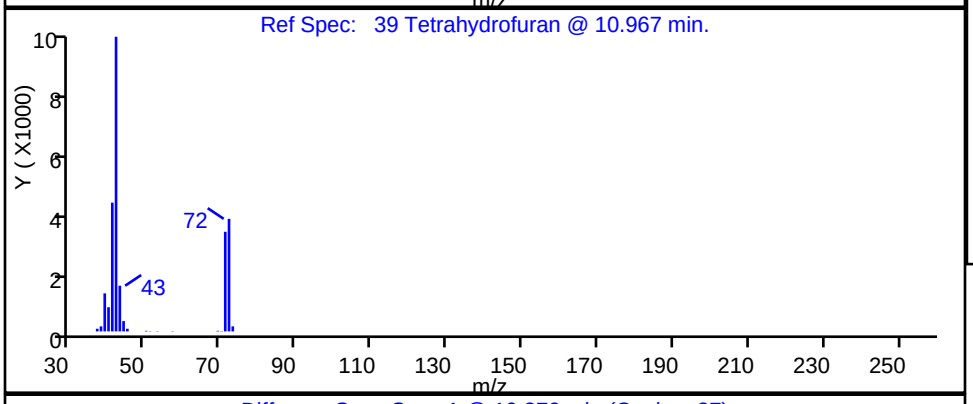
39 Tetrahydrofuran, CAS: 109-99-9

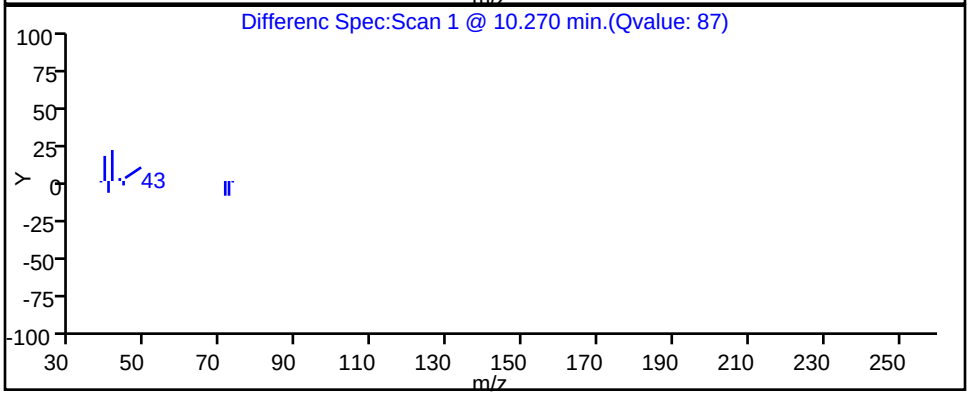










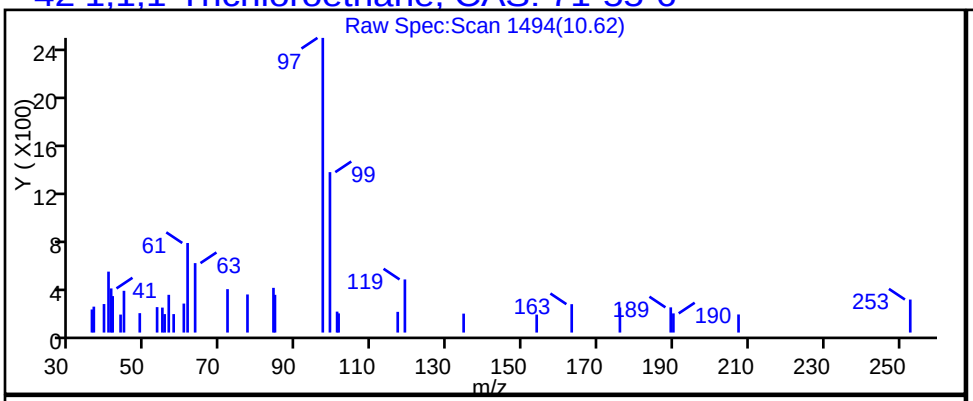


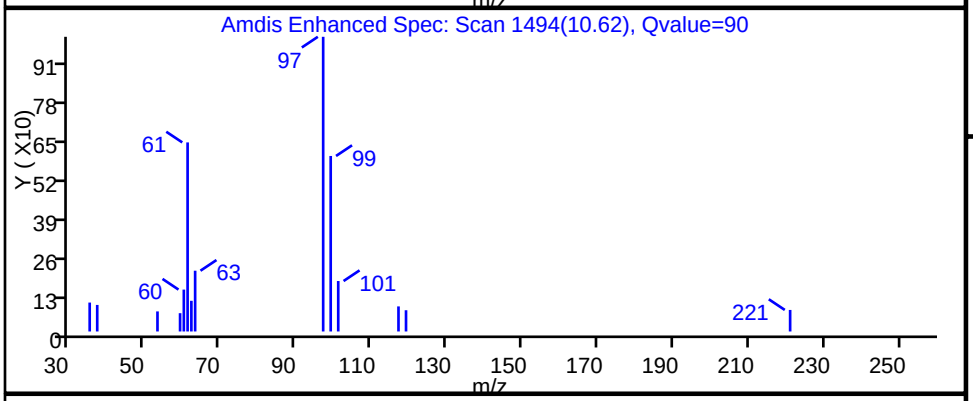
Report Date: 03-Feb-2015 09:43:28 Chrom Revision: 2.2 15-Jan-2015 13:05:58

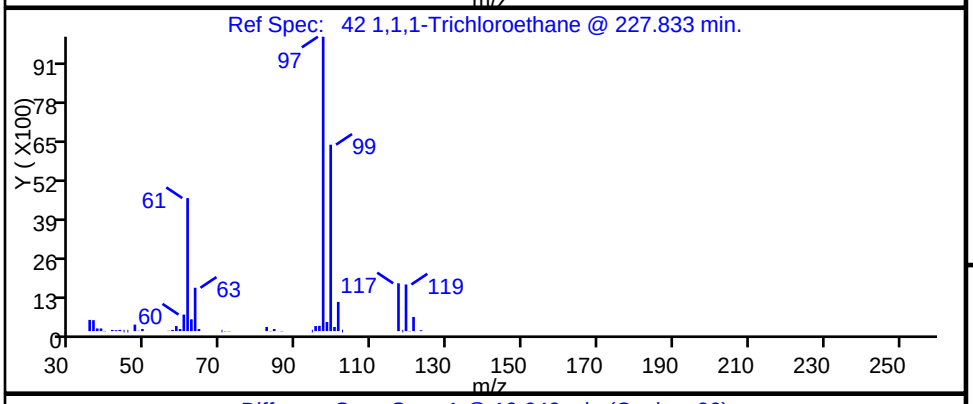
TestAmerica Burlington

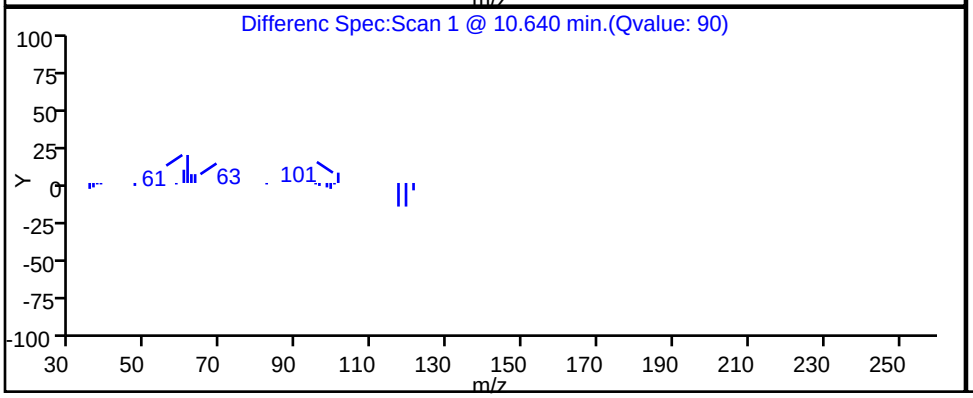
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

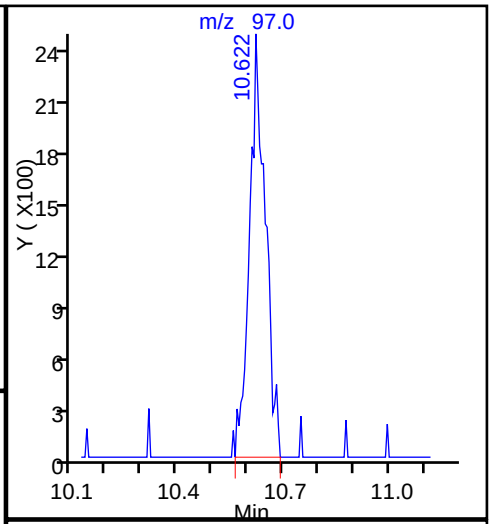
42 1,1,1-Trichloroethane, CAS: 71-55-6

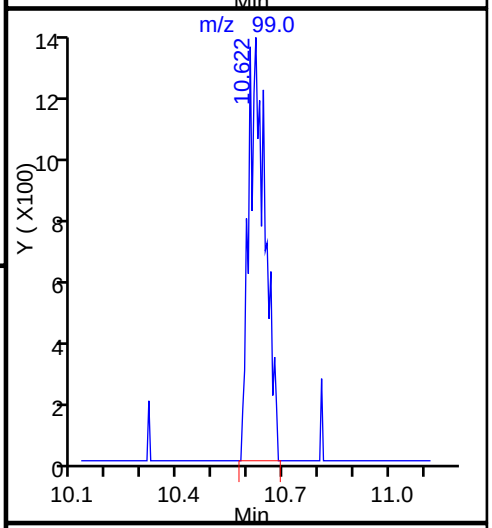


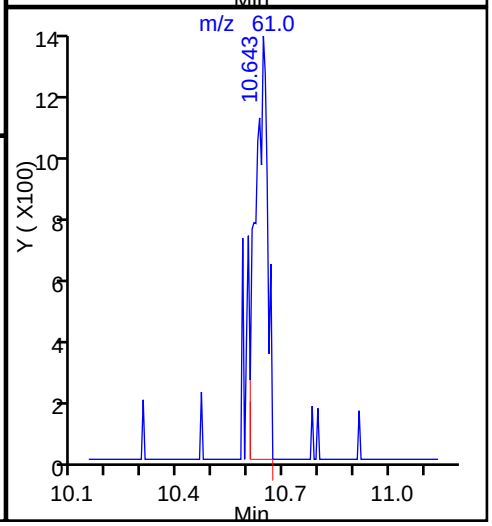












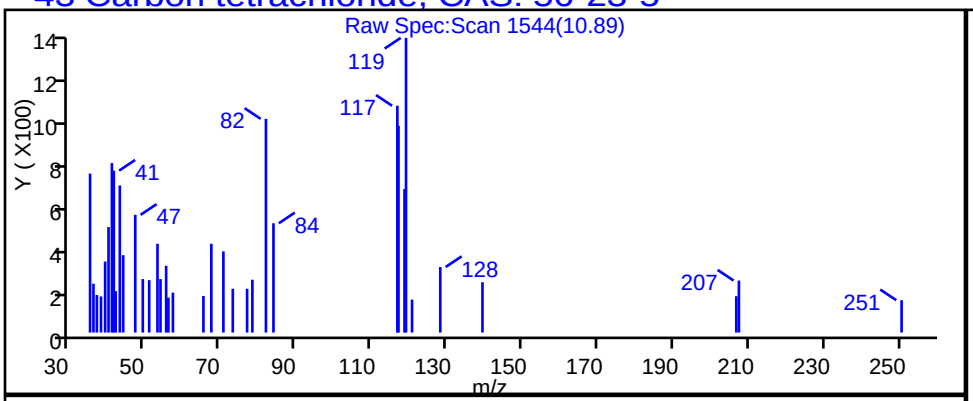
Report Date: 03-Feb-2015 09:43:28 Chrom Revision: 2.2 15-Jan-2015 13:05:58

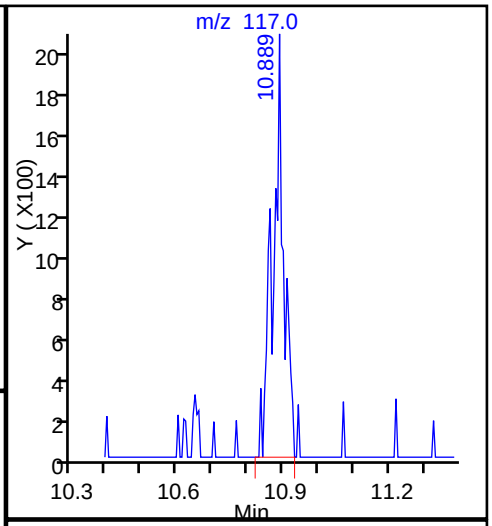
TestAmerica Burlington

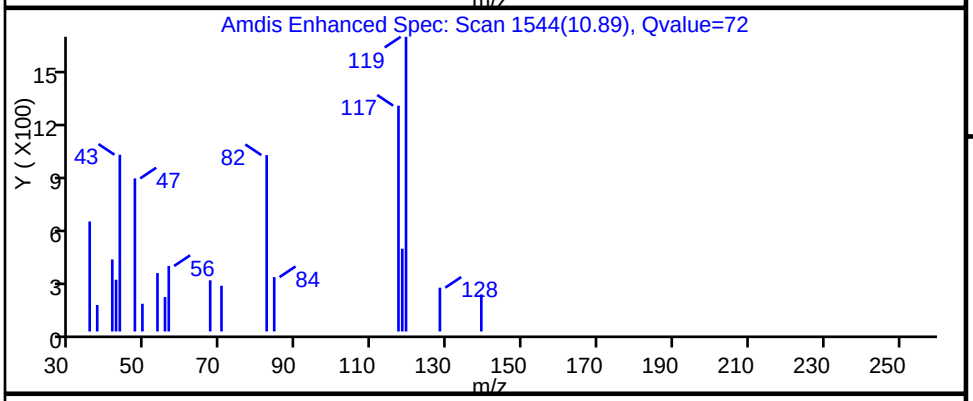
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D

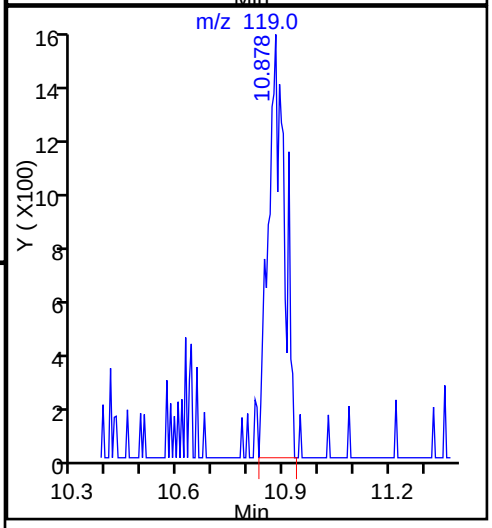
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

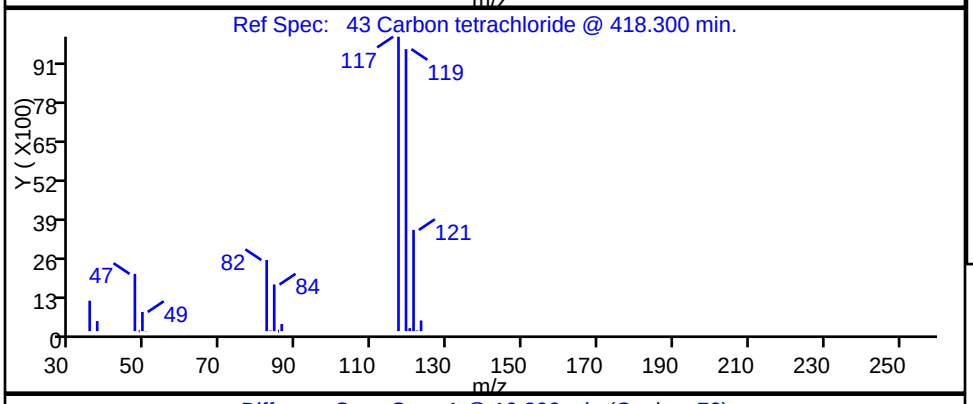
43 Carbon tetrachloride, CAS: 56-23-5

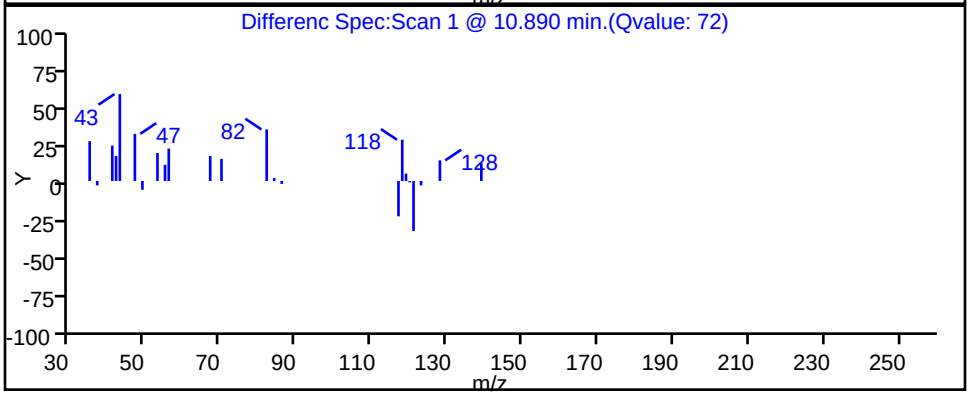










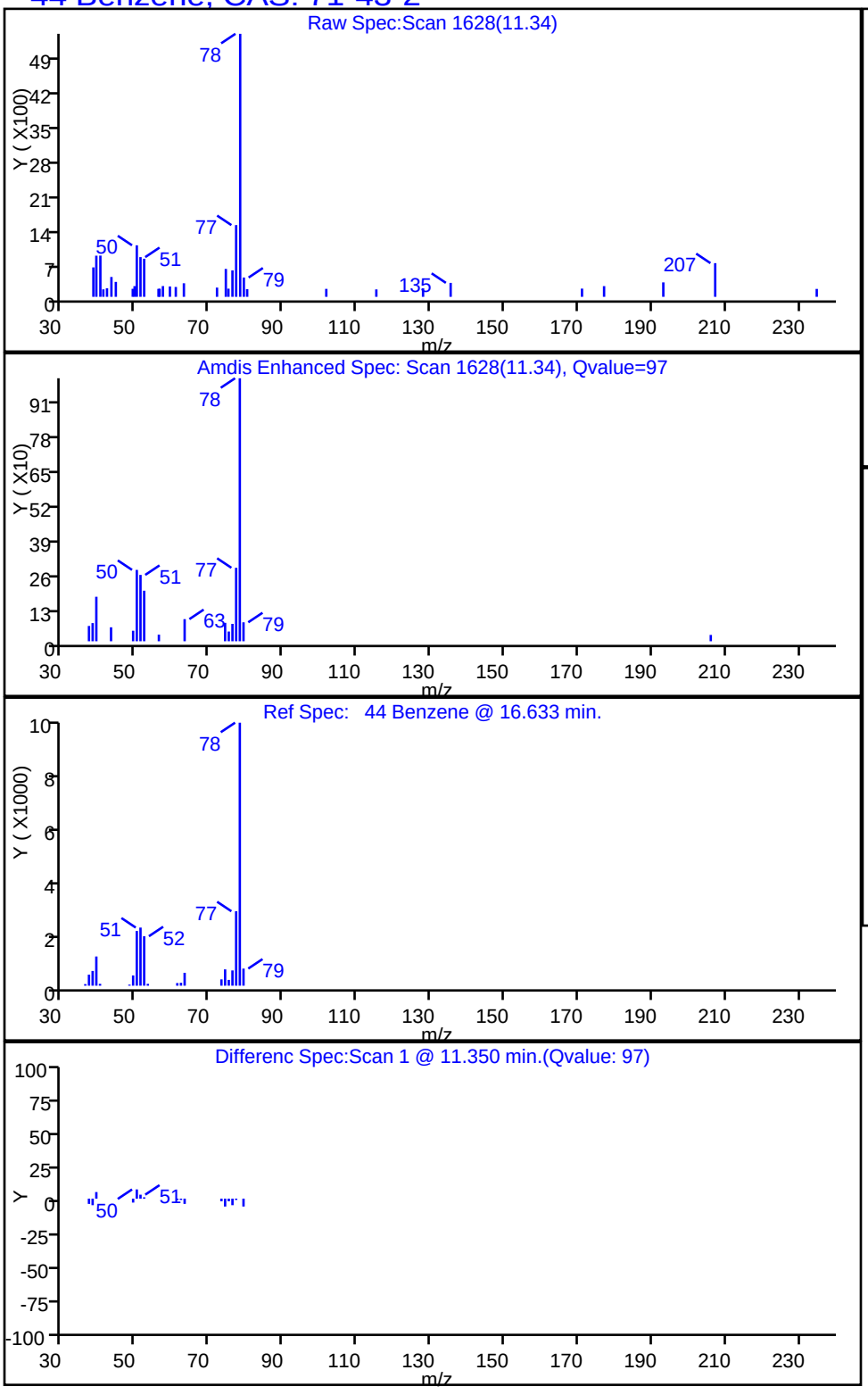


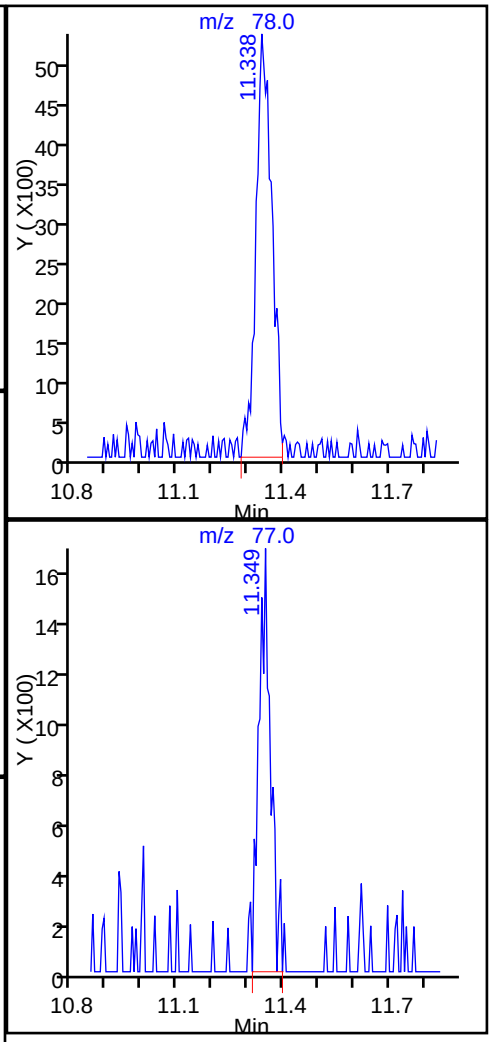
Report Date: 03-Feb-2015 09:43:28 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 Benzene, CAS: 71-43-2

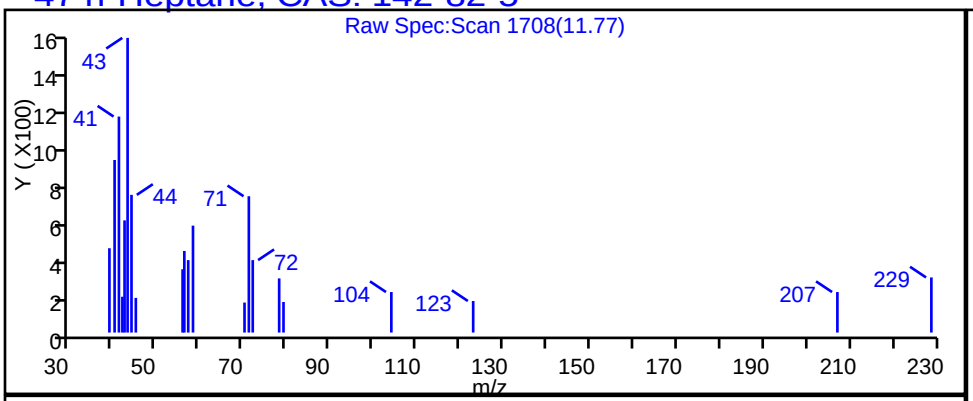


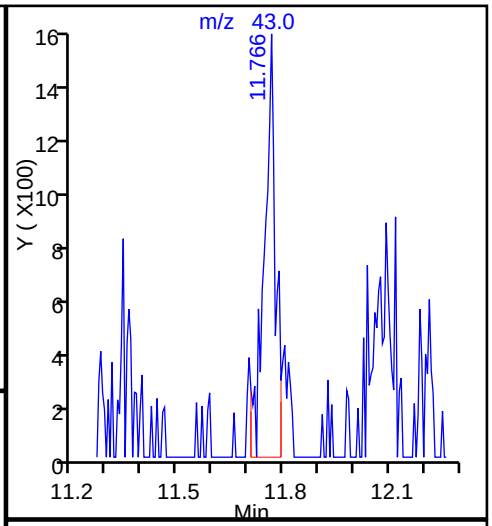


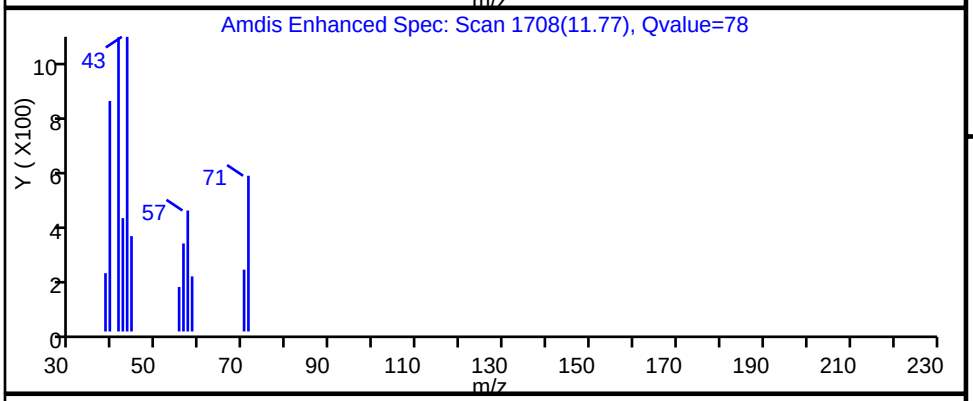
TestAmerica Burlington

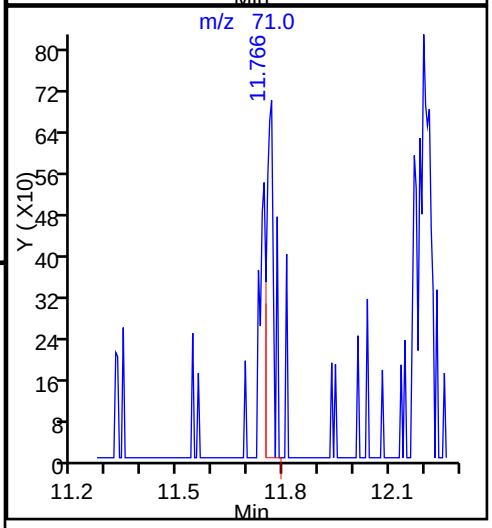
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

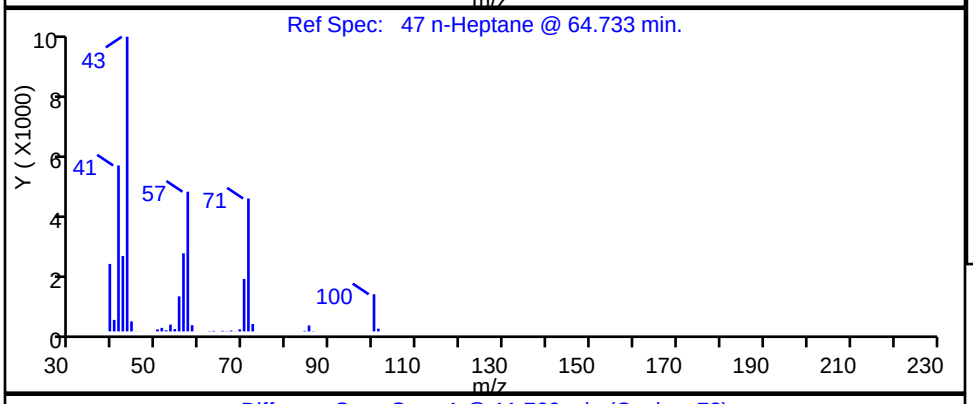
47 n-Heptane, CAS: 142-82-5

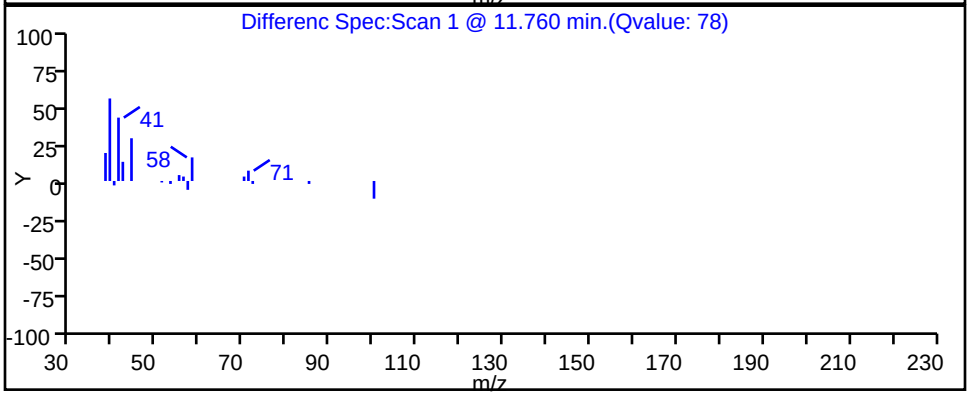












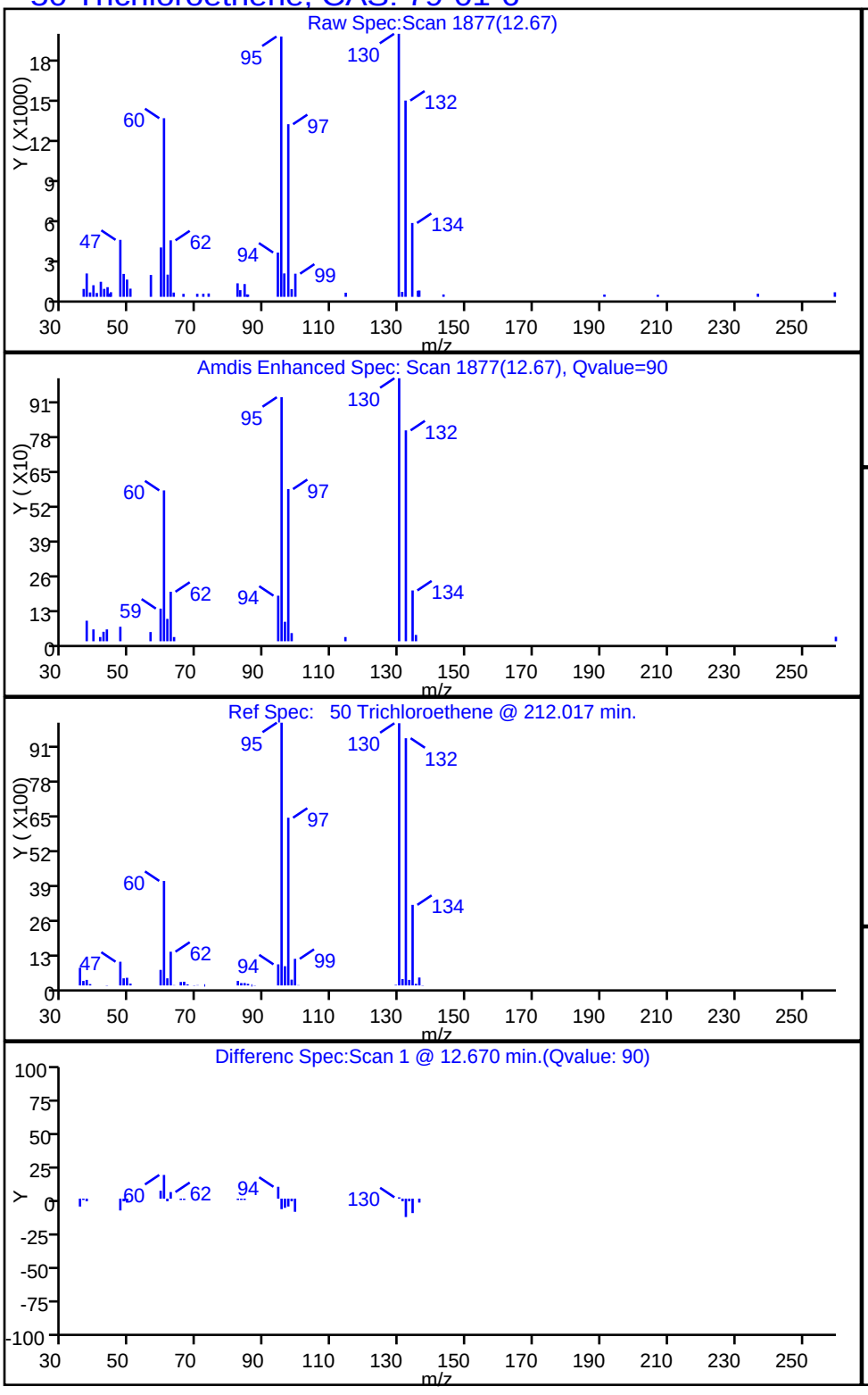
Report Date: 03-Feb-2015 09:43:28 Chrom Revision: 2.2 15-Jan-2015 13:05:58

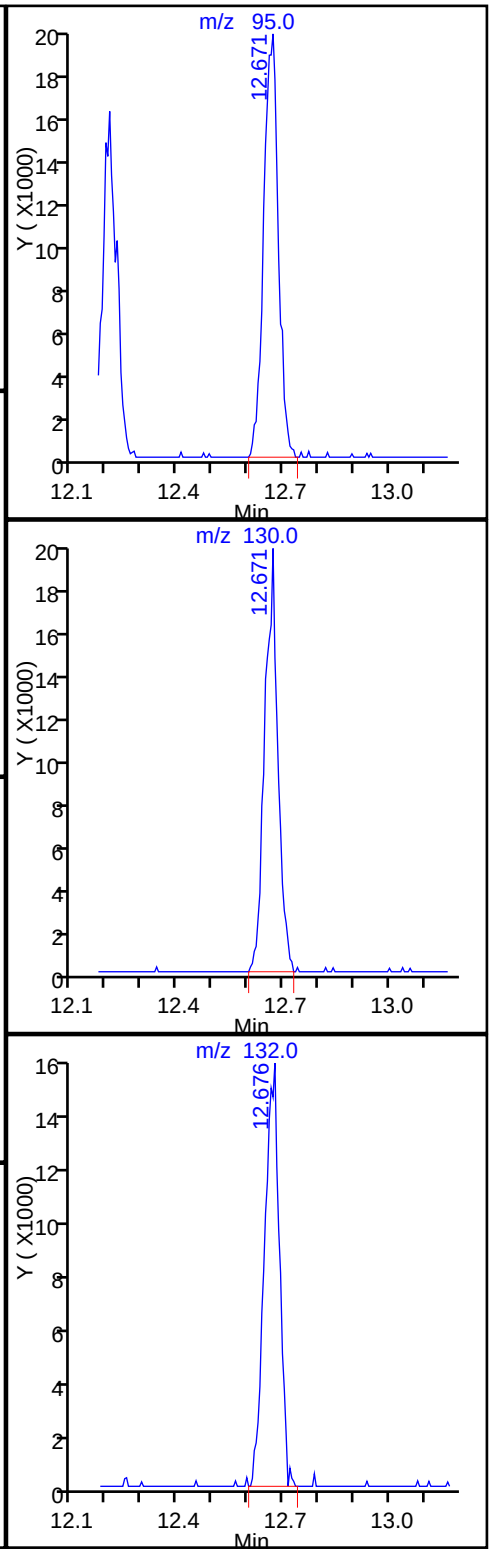
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D

Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Trichloroethene, CAS: 79-01-6



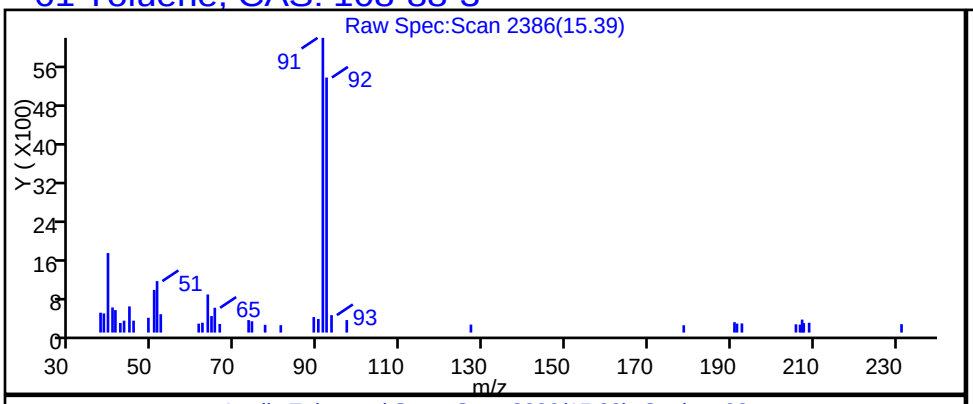


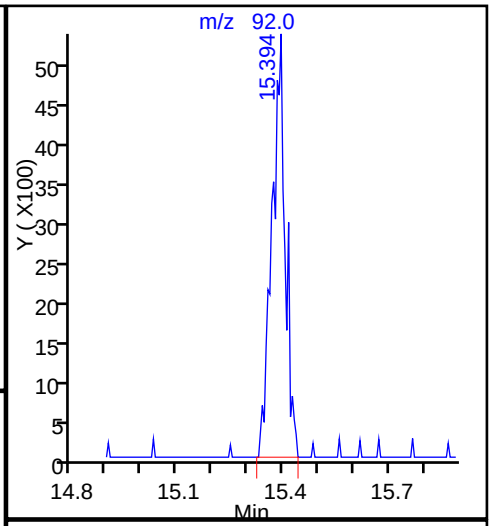
Report Date: 03-Feb-2015 09:43:28 Chrom Revision: 2.2 15-Jan-2015 13:05:58

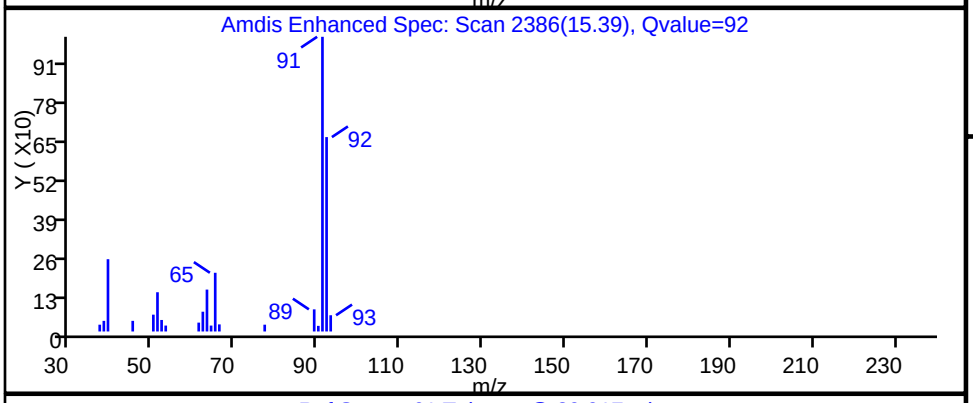
TestAmerica Burlington

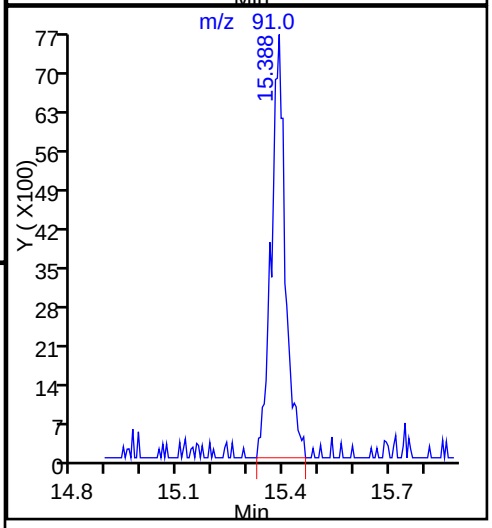
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

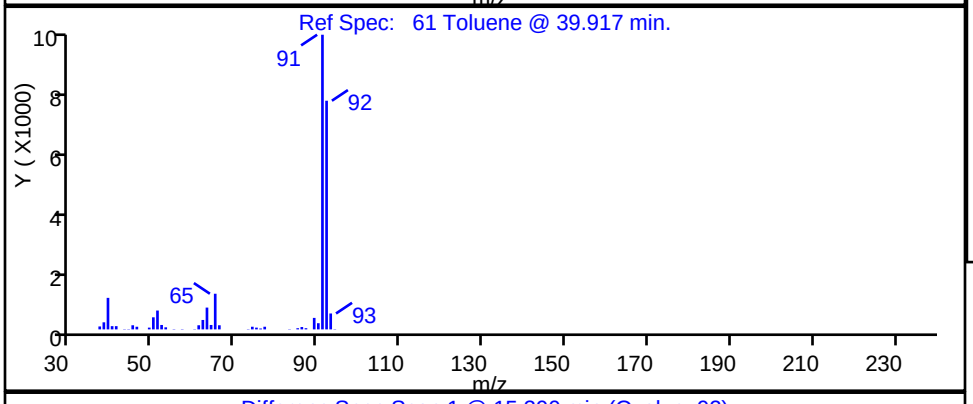
61 Toluene, CAS: 108-88-3

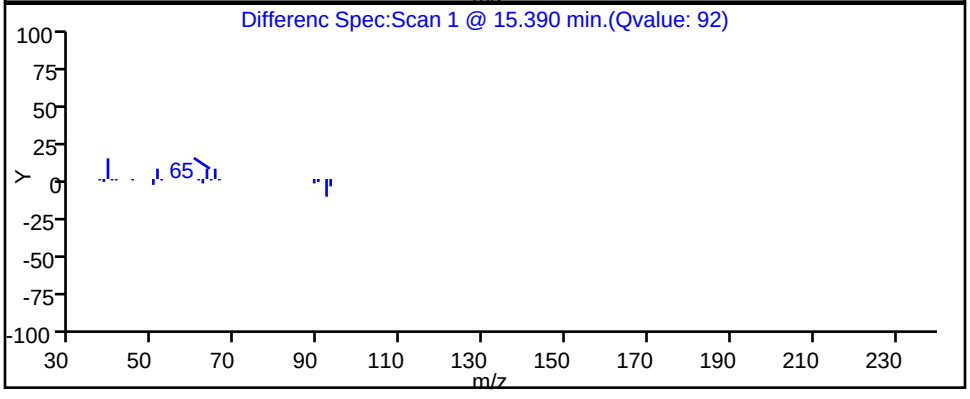








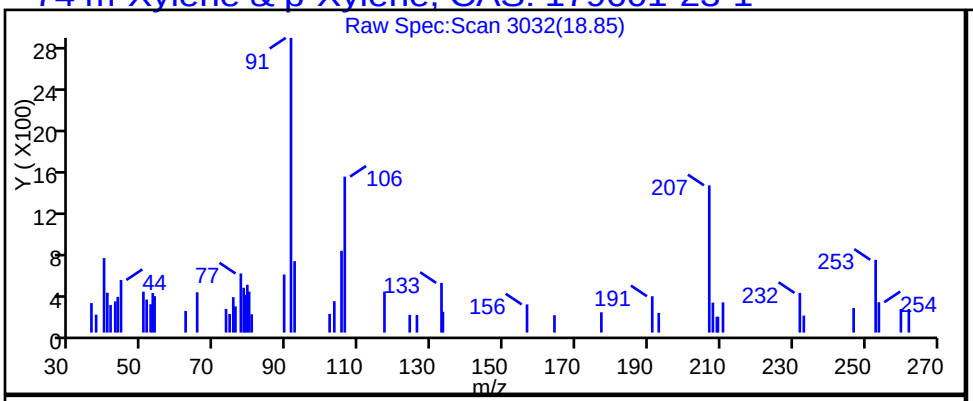


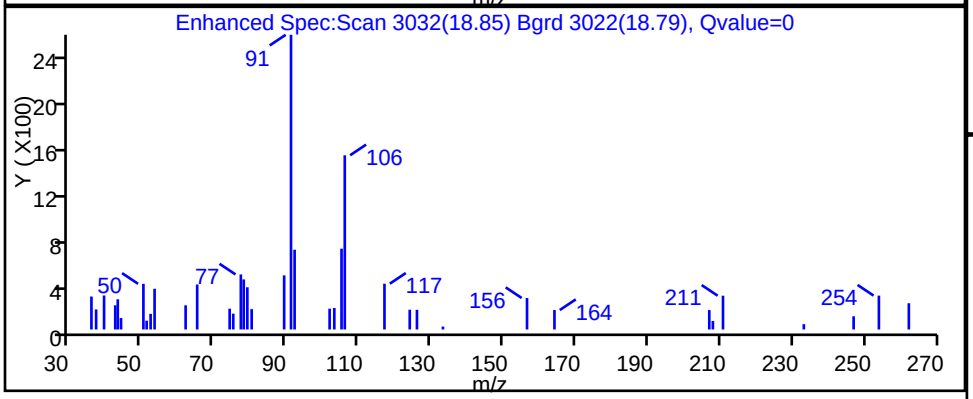


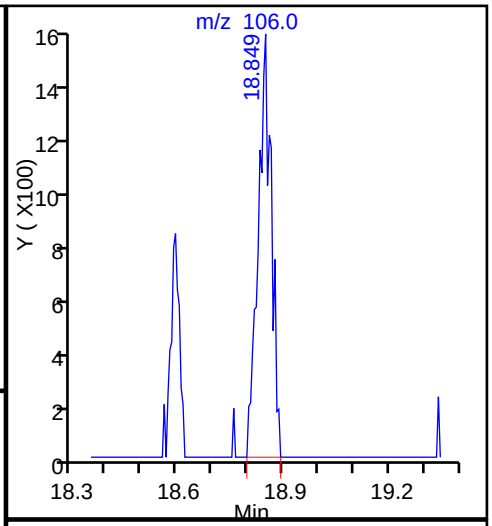
TestAmerica Burlington

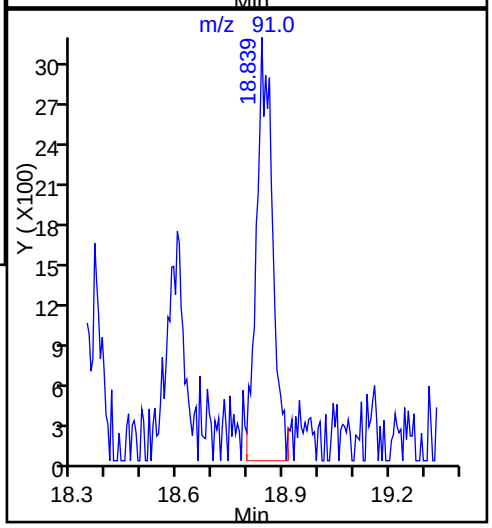
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 m-Xylene & p-Xylene, CAS: 179601-23-1





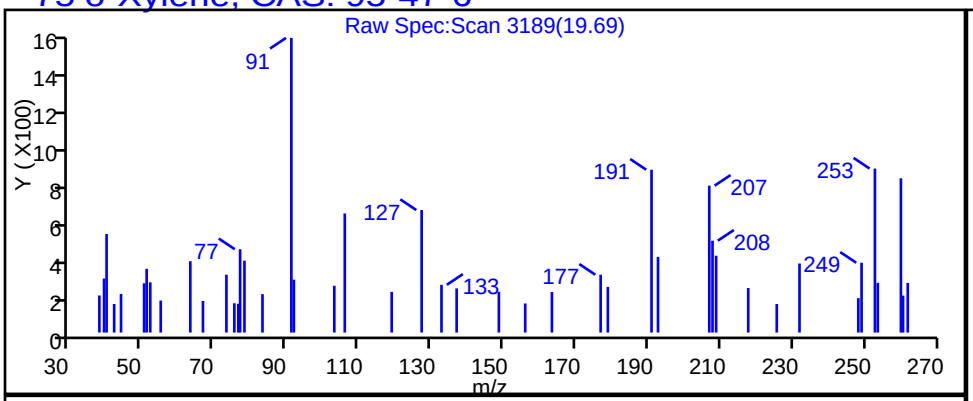


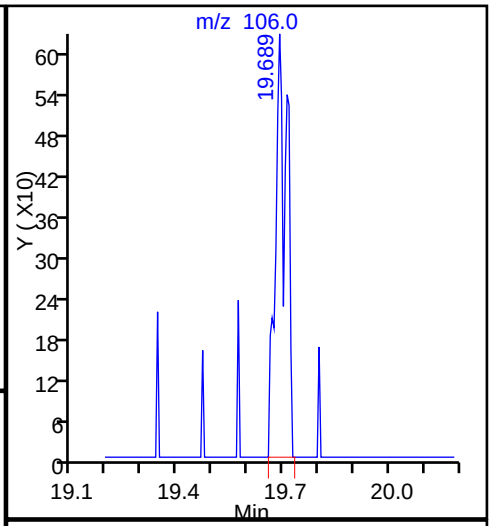


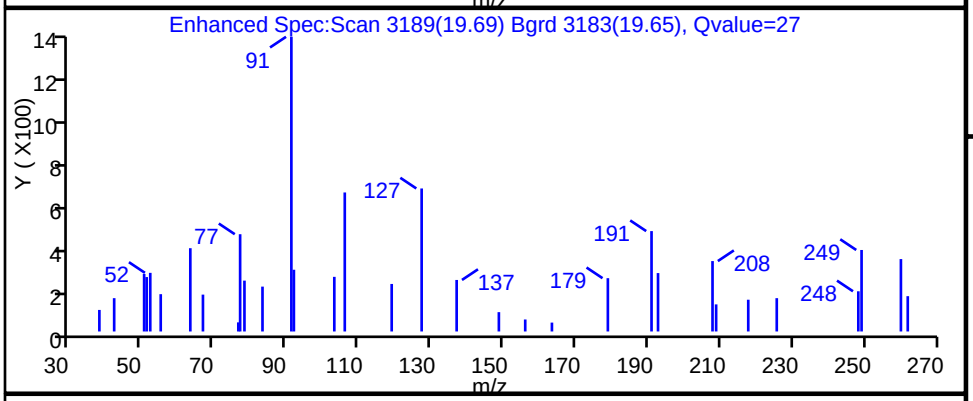
TestAmerica Burlington

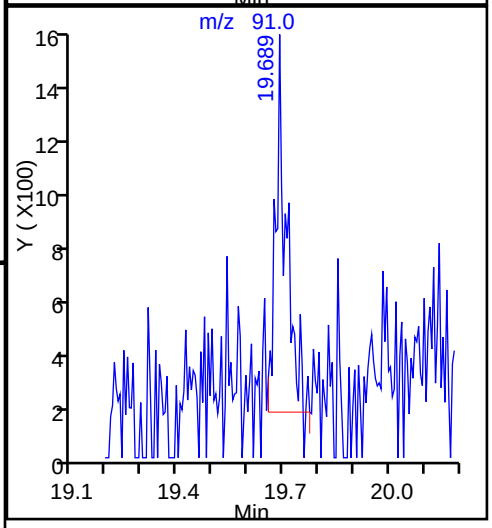
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

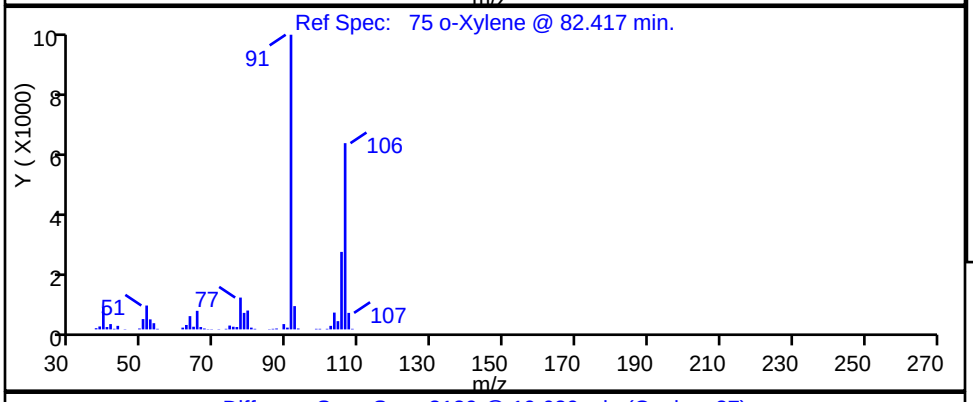
75 o-Xylene, CAS: 95-47-6

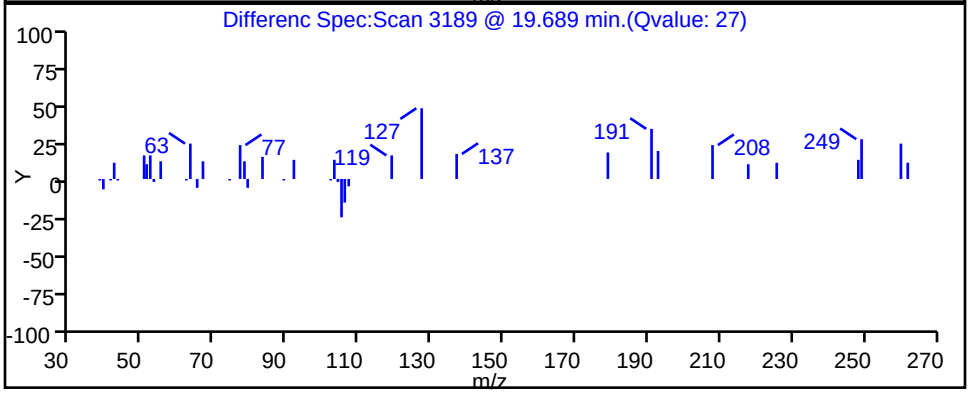












Manual Integration/User Assign Peak Report

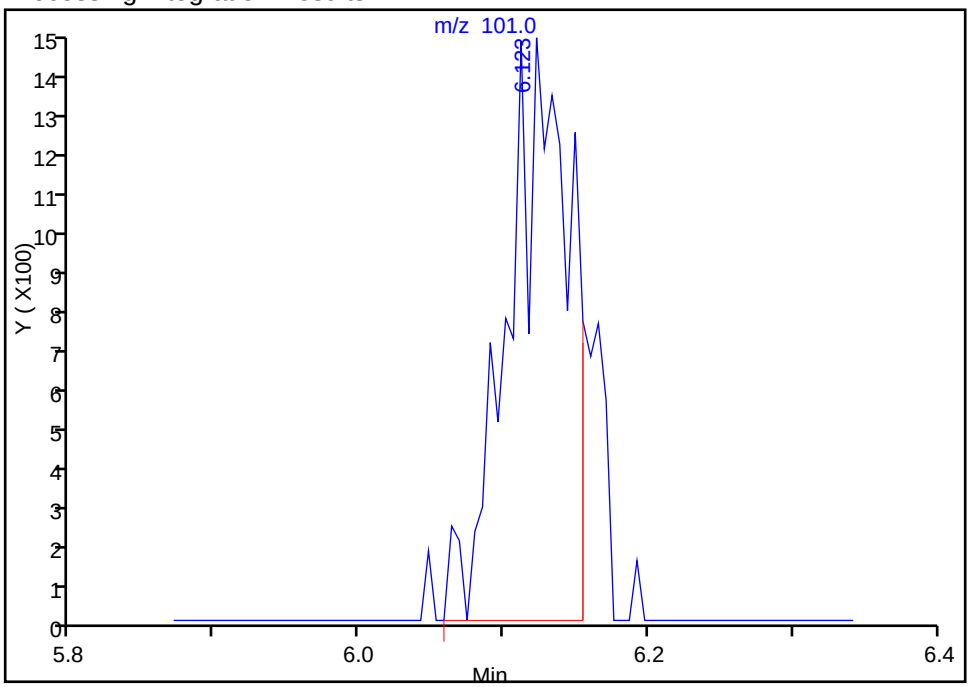
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

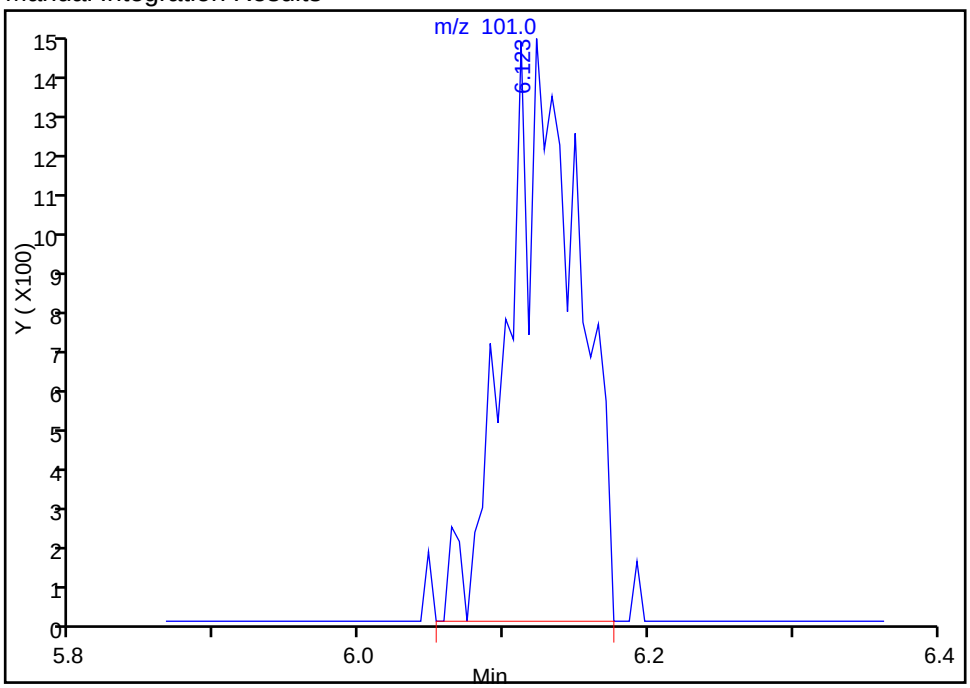
Processing Integration Results

RT: 6.12
Area: 4456
Amount: 0.077542
Amount Units: ppb v/v



Manual Integration Results

RT: 6.12
Area: 5094
Amount: 0.088644
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:05:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

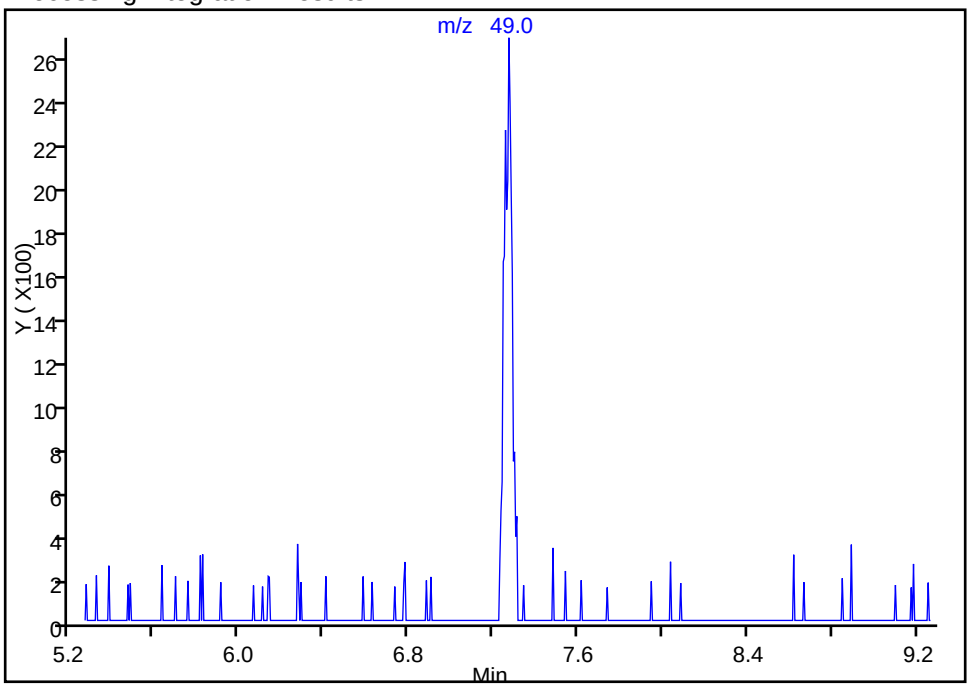
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 Methylene Chloride, CAS: 75-09-2

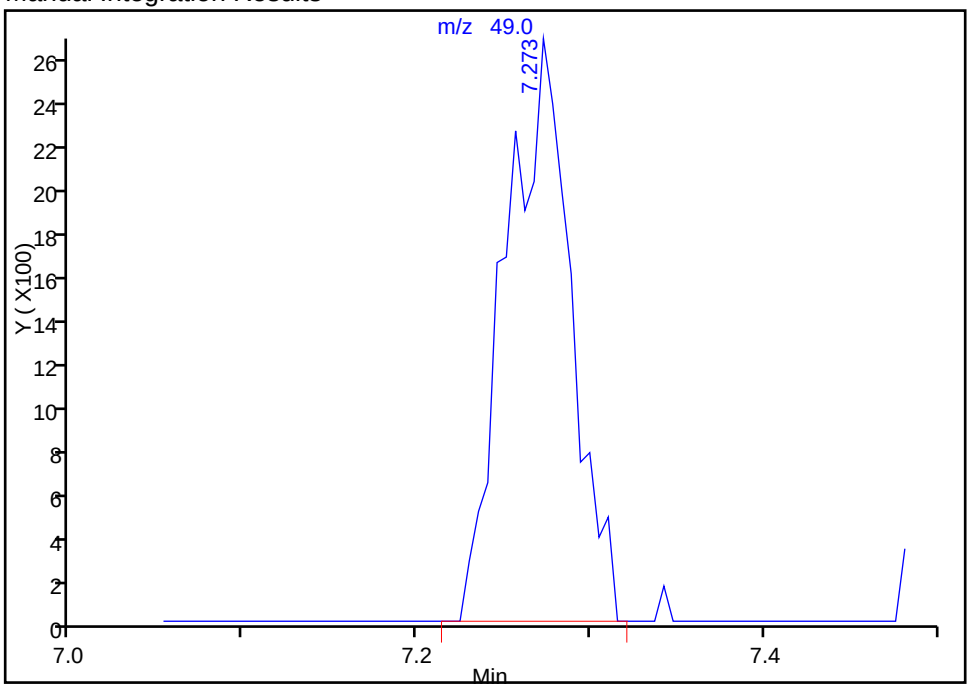
Processing Integration Results

Not Detected
Expected RT: 7.27



Manual Integration Results

RT: 7.27
Area: 6960
Amount: 0.168031
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:05:25
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

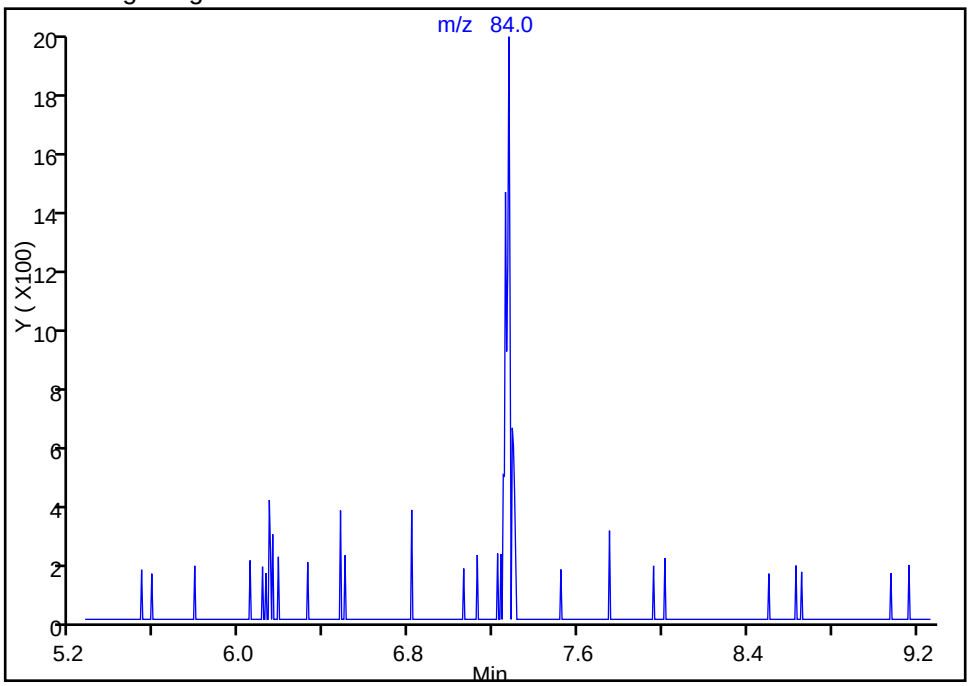
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 Methylene Chloride, CAS: 75-09-2

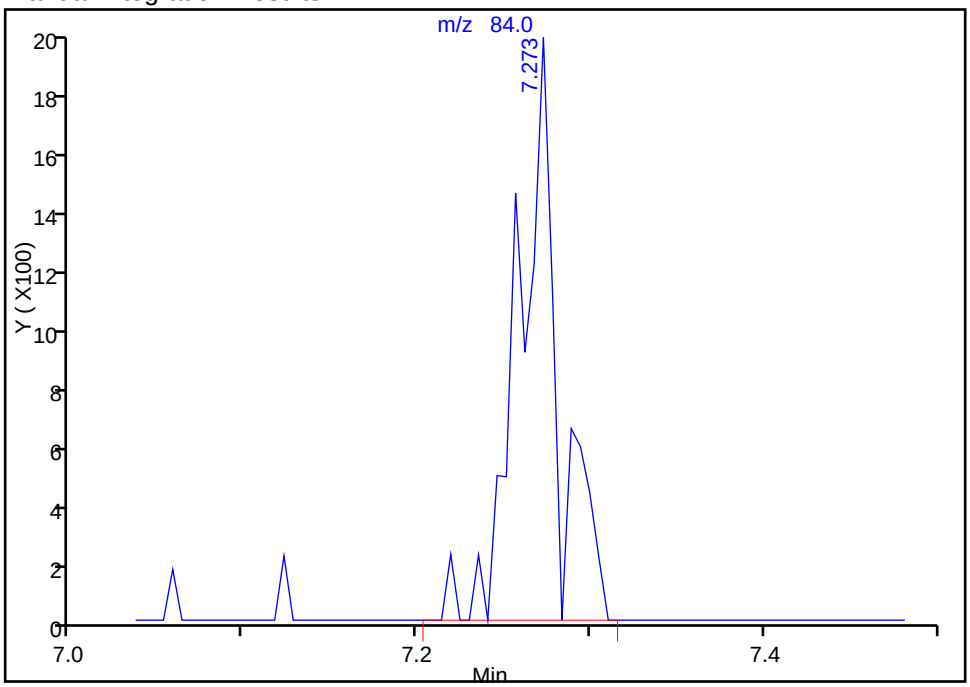
Processing Integration Results

Not Detected
Expected RT: 7.27



Manual Integration Results

RT: 7.27
Area: 3128
Amount: 0.168031
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:05:25
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

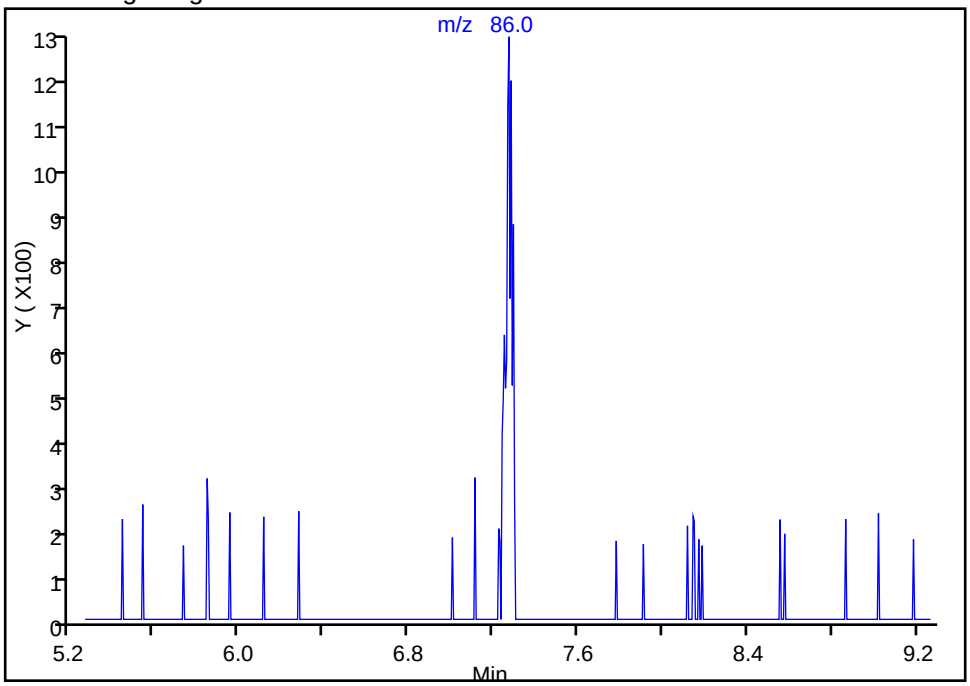
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 Methylene Chloride, CAS: 75-09-2

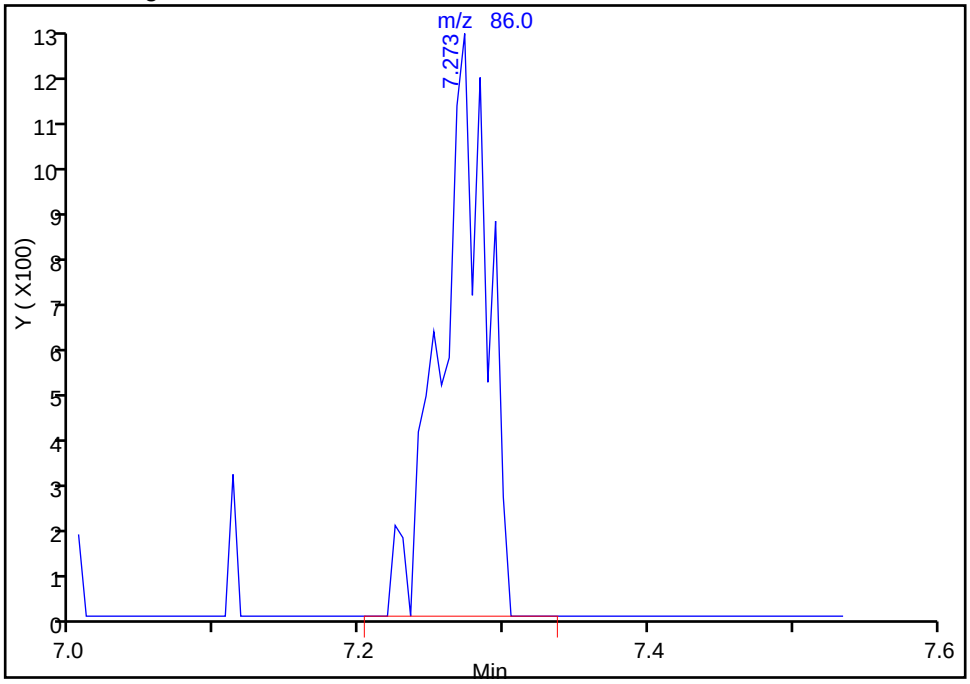
Not Detected
Expected RT: 7.27

Processing Integration Results



Manual Integration Results

RT: 7.27
Area: 2750
Amount: 0.168031
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:05:25
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

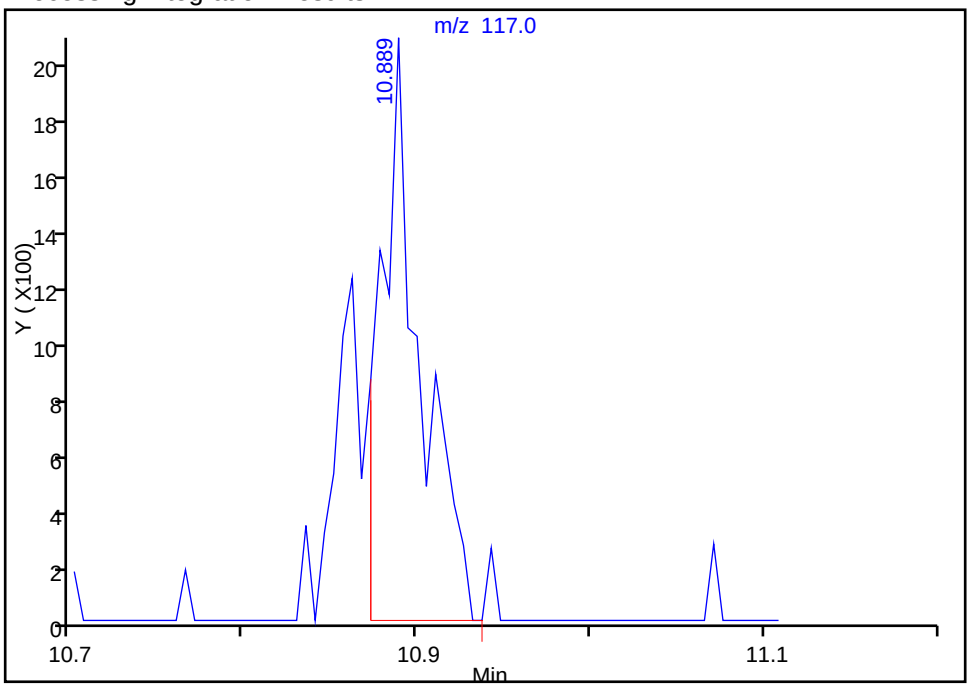
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_11.D				
Injection Date:	02-Feb-2015 17:43:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-21	Lab Sample ID:	200-64806-21		
Client ID:	786VMP0202NA				
Operator ID:	bpl	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Carbon tetrachloride, CAS: 56-23-5

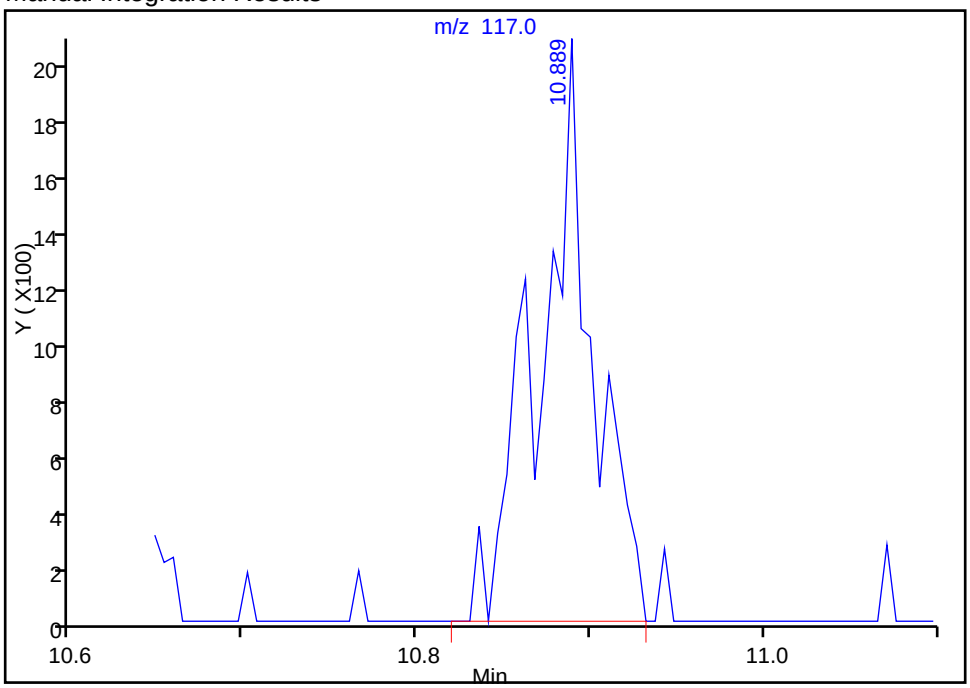
Processing Integration Results

RT: 10.89
Area: 3218
Amount: 0.036853
Amount Units: ppb v/v



Manual Integration Results

RT: 10.89
Area: 4459
Amount: 0.051066
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:05:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0302NA Lab Sample ID: 280-64806-22

Matrix: Air Lab File ID: 11918_12.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:20

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 18:34

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.60		0.50	0.056
75-45-6	Freon 22	86.47	0.29	J	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.32	J	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.045
76-13-1	Freon TF	187.38	0.085	J M	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	3.3	J	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	1.4	J	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.18	J	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.27		0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.70		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.43	J	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.077	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.22		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0302NA Lab Sample ID: 280-64806-22

Matrix: Air Lab File ID: 11918_12.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:20

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 18:34

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	J M	0.20	0.037
79-01-6	Trichloroethene	131.39	0.044	J M	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.12	J	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.097	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.026	J	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.12	J	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.078	J	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0302NA Lab Sample ID: 280-64806-22

Matrix: Air Lab File ID: 11918_12.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:20

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 18:34

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0302NA Lab Sample ID: 280-64806-22

Matrix: Air Lab File ID: 11918_12.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:20

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 18:34

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.0		2.5	0.28
75-45-6	Freon 22	86.47	1.0	J	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	0.76	J	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.25
76-13-1	Freon TF	187.38	0.65	J M	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	7.8	J	12	1.6
67-63-0	Isopropyl alcohol	60.10	3.4	J	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.63	J	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.96		0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	2.1		1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	1.3	J	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.49	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.71		0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0302NA Lab Sample ID: 280-64806-22

Matrix: Air Lab File ID: 11918_12.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:20

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 18:34

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.67	J M	0.82	0.15
79-01-6	Trichloroethene	131.39	0.24	J M	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.44	J	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.42	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.11	J	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.53	J	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.38	J	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0302NA Lab Sample ID: 280-64806-22

Matrix: Air Lab File ID: 11918_12.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:20

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 18:34

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D
Lims ID: 280-64806-A-22 Lab Sample ID: 200-64806-22
Client ID: 786VMP0302NA
Sample Type: Client
Inject. Date: 02-Feb-2015 18:34:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011918-012
Misc. Info.: 64806-22
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 03-Feb-2015 09:43:15 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: lyonsb Date: 03-Feb-2015 09:07:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	2.832	2.827	0.005	99	64145	0.5973	
3 Chlorodifluoromethane	51	2.881	2.881	-0.001	96	18398	0.2933	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.095				ND	
5 Chloromethane	50		3.223				ND	
6 Butane	43	3.432	3.426	0.006	93	14816	0.3210	
7 Vinyl chloride	62		3.469				ND	
8 Butadiene	54		3.549				ND	
9 Bromomethane	94		4.229				ND	
10 Chloroethane	64		4.480				ND	
12 Vinyl bromide	106		4.881				ND	
13 Trichlorofluoromethane	101	4.999	4.994	0.005	97	23984	0.2576	
19 1,1,2-Trichloro-1,2,2-trif	101	6.117	6.123	-0.005	49	4735	0.0851	M
20 1,1-Dichloroethene	96		6.155				ND	
21 Acetone	43	6.411	6.401	0.010	82	165316	3.27	
22 Carbon disulfide	76		6.529				ND	
23 Isopropyl alcohol	45	6.775	6.743	0.032	97	48994	1.39	
24 3-Chloro-1-propene	41		6.968				ND	
26 Methylene Chloride	49	7.262	7.267	-0.005	74	7259	0.1810	
27 2-Methyl-2-propanol	59		7.546				ND	
28 Methyl tert-butyl ether	73	7.722	7.711	0.011	1	89	0.001309	
29 trans-1,2-Dichloroethene	61		7.727				ND	
31 Hexane	57	8.145	8.150	-0.005	86	9175	0.2720	
32 1,1-Dichloroethane	63		8.615				ND	
34 cis-1,2-Dichloroethene	96		9.744				ND	
35 2-Butanone (MEK)	72	9.824	9.814	0.010	1	8072	0.7008	
S 37 1,2-Dichloroethene, Total	61		10.200				ND	
* 38 Chlorobromomethane	128	10.210	10.210	0.000	93	261987	10.0	
39 Tetrahydrofuran	42	10.268	10.231	0.037	89	13495	0.4345	
40 Chloroform	83		10.359				ND	
41 Cyclohexane	84		10.611				ND	
42 1,1,1-Trichloroethane	97		10.627				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	43 Carbon tetrachloride	117	10.889	10.884	0.005	95	6565	0.0772	
	44 Benzene	78	11.344	11.344	0.000	97	18530	0.2238	
	45 Isooctane	57		11.349				ND	
	46 1,2-Dichloroethane	62		11.526				ND	
	47 n-Heptane	43	11.750	11.750	0.000	1	9628	0.1630	M
*	48 1,4-Difluorobenzene	114	12.205	12.205	0.000	97	1310196	10.0	
	50 Trichloroethene	95	12.665	12.665	0.000	34	2061	0.0445	M
	52 1,2-Dichloropropane	63		13.216				ND	
	53 Methyl methacrylate	69		13.425				ND	
	54 1,4-Dioxane	88		13.457				ND	
	56 Dichlorobromomethane	83		13.778				ND	
	58 cis-1,3-Dichloropropene	75		14.768				ND	
	59 4-Methyl-2-pentanone (MIBK	43	15.115	15.089	0.026	47	3898	0.0462	
	61 Toluene	92	15.383	15.388	-0.005	90	6569	0.1166	
	64 trans-1,3-Dichloropropene	75		16.009				ND	
	65 1,1,2-Trichloroethane	83		16.383				ND	
	66 Tetrachloroethene	166		16.506				ND	
	67 2-Hexanone	43		16.875				ND	
	68 Chlorodibromomethane	129		17.164				ND	
	69 Ethylene Dibromide	107		17.432				ND	
*	70 Chlorobenzene-d5	117	18.363	18.363	0.000	96	1225315	10.0	
	71 Chlorobenzene	112		18.421				ND	
	72 Ethylbenzene	91		18.593				ND	
	74 m-Xylene & p-Xylene	106	18.849	18.849	0.000	0	4778	0.0974	
	75 o-Xylene	106	19.695	19.700	-0.005	25	1293	0.0264	
	76 Styrene	104		19.748				ND	
S	77 Xylenes, Total	106				0		0.1238	
	78 Bromoform	173		20.165				ND	
	79 Isopropylbenzene	105		20.406				ND	
*	80 4-Bromofluorobenzene	95	20.770	20.770	0.000	85	958609	10.0	
	81 1,1,2,2-Tetrachloroethane	83		21.054				ND	
	82 N-Propylbenzene	91		21.139				ND	
	84 2-Chlorotoluene	91		21.332				ND	
	85 4-Ethyltoluene	105		21.332				ND	
	87 1,3,5-Trimethylbenzene	105		21.444				ND	
	89 tert-Butylbenzene	119		21.936				ND	
	90 1,2,4-Trimethylbenzene	105	22.027	22.027	0.000	94	9039	0.0778	
	91 sec-Butylbenzene	105		22.263				ND	
	92 4-Isopropyltoluene	119		22.466				ND	
	93 1,3-Dichlorobenzene	146		22.482				ND	
	94 1,4-Dichlorobenzene	146		22.616				ND	
	95 Benzyl chloride	91		22.808				ND	
	96 n-Butylbenzene	91		23.033				ND	
	98 1,2-Dichlorobenzene	146	23.145	23.140	0.005	1	1089	0.0141	
	100 1,2,4-Trichlorobenzene	180		25.595				ND	
	101 Hexachlorobutadiene	225		25.793				ND	
	102 Naphthalene	128		26.066				ND	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

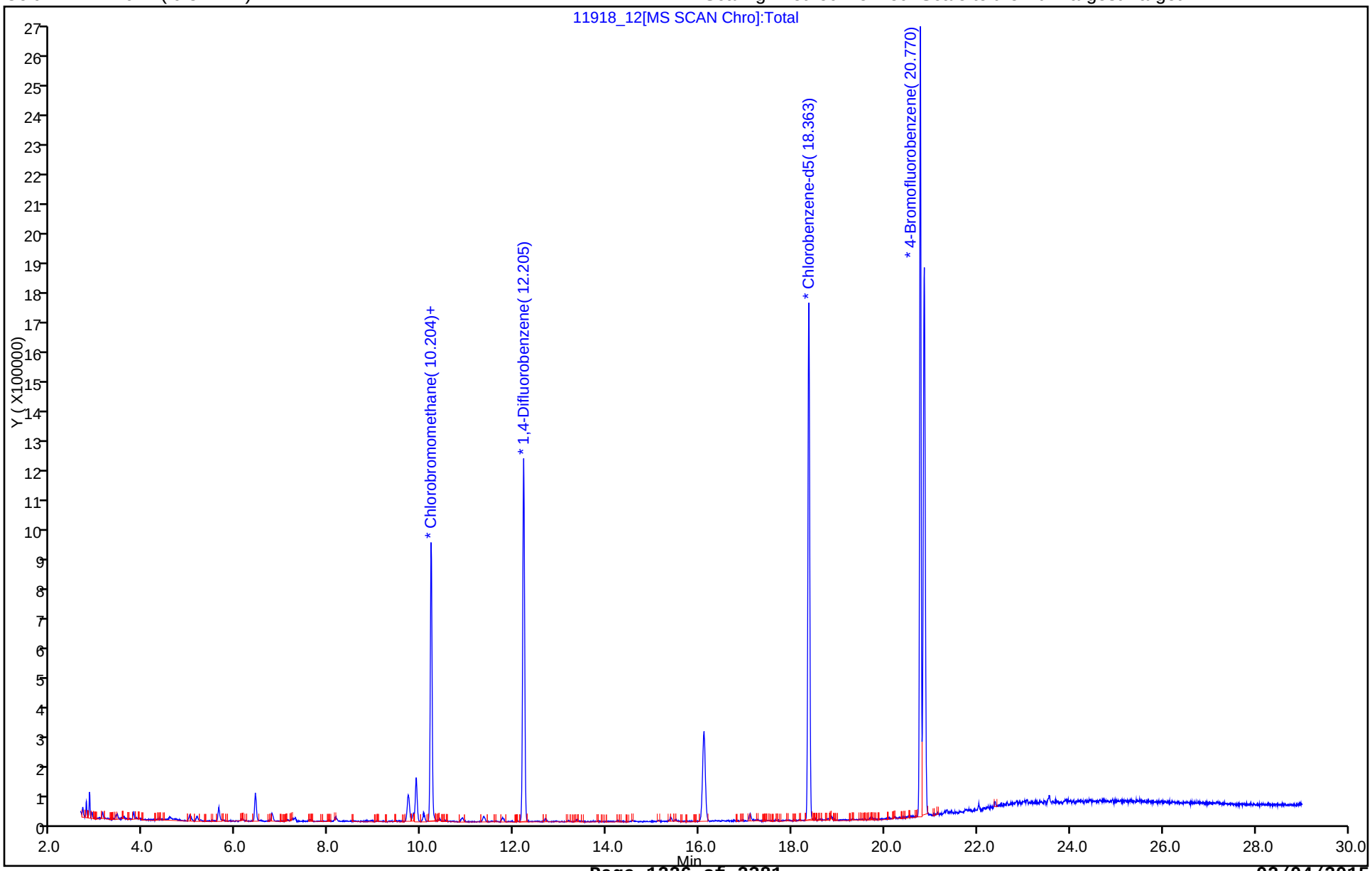
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D

Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22	Worklist Smp#:	12
Client ID:	786VMP0302NA				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



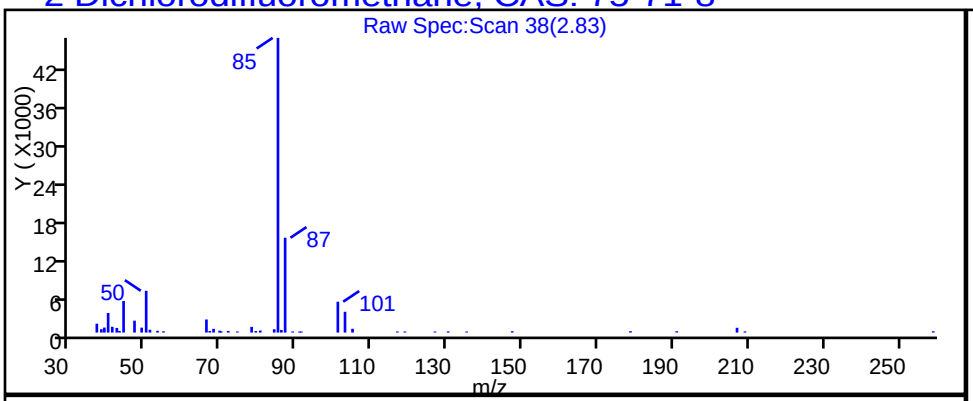
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

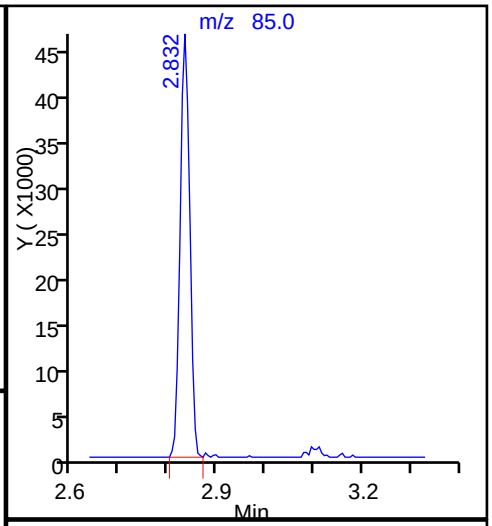
TestAmerica Burlington

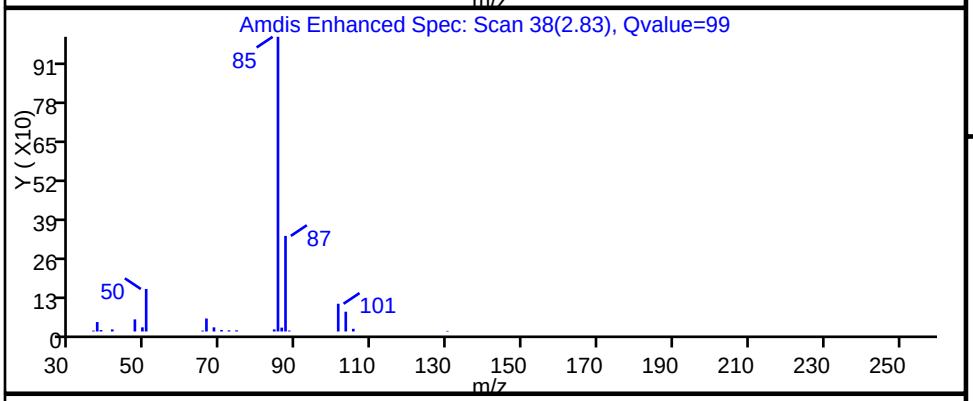
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D

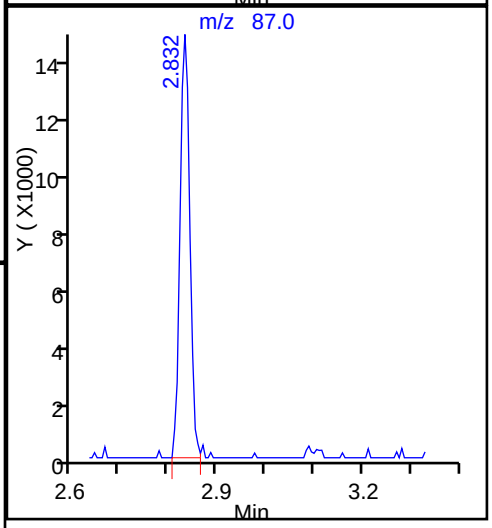
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

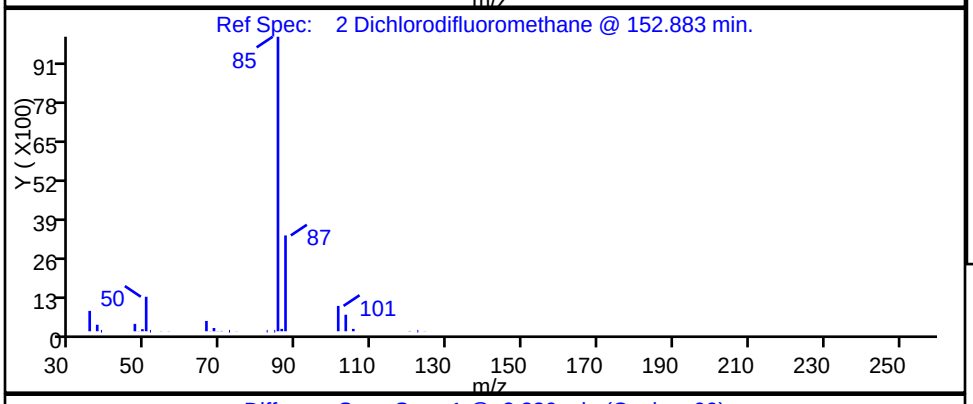
2 Dichlorodifluoromethane, CAS: 75-71-8

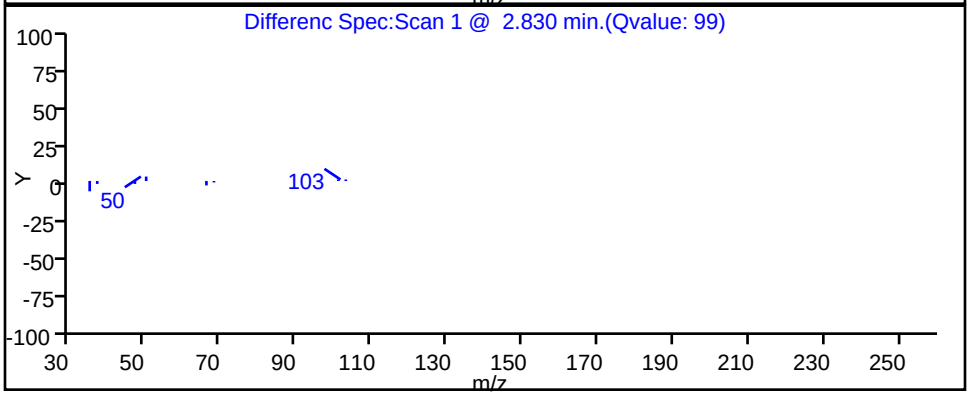












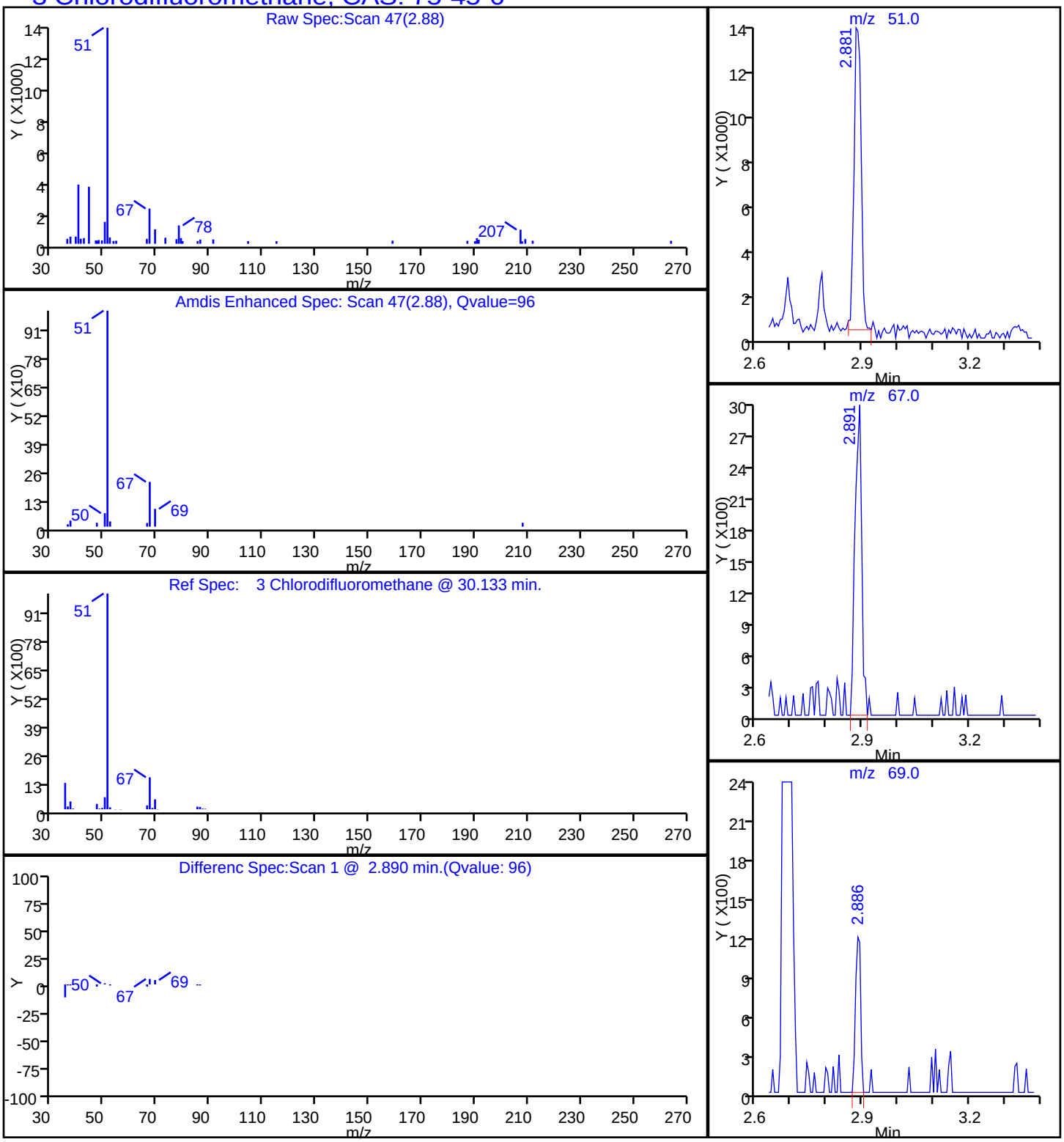
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D

Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



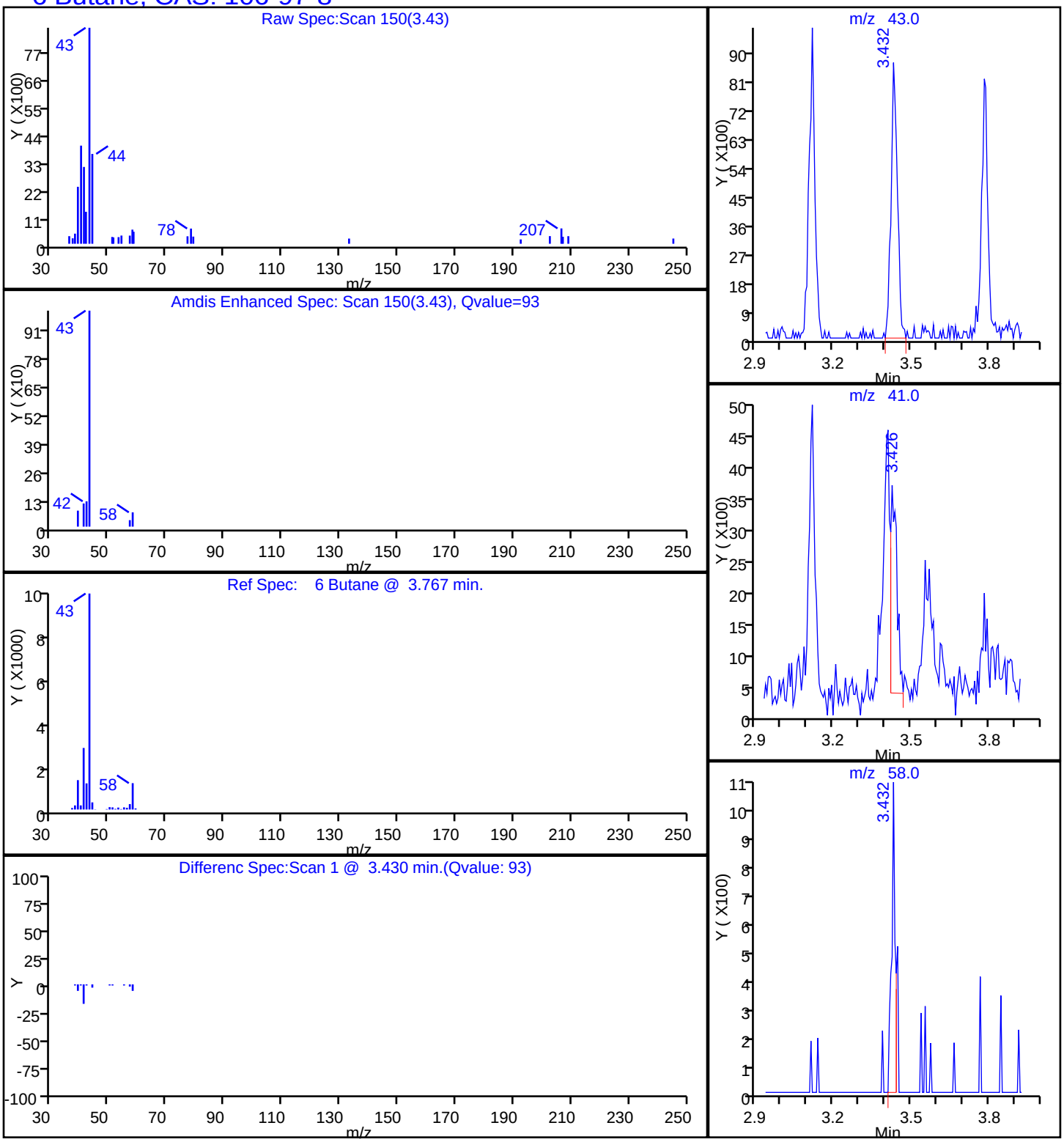
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D

Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8

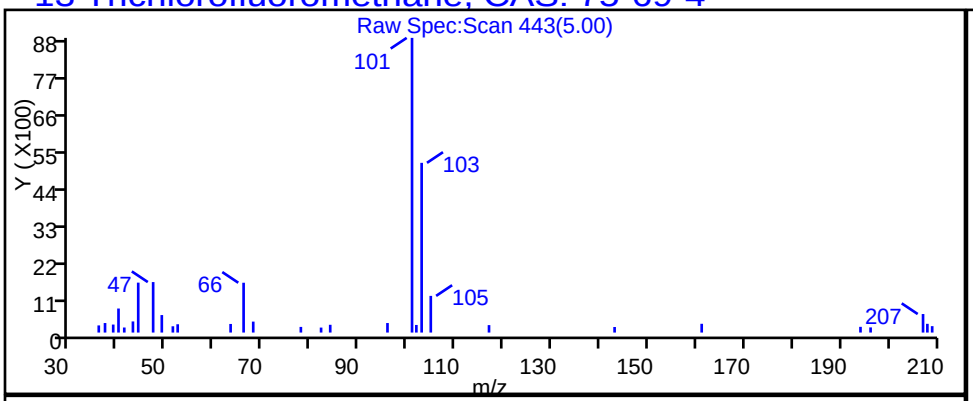


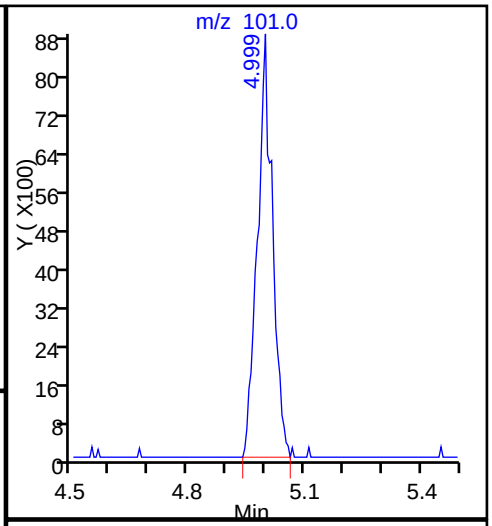
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

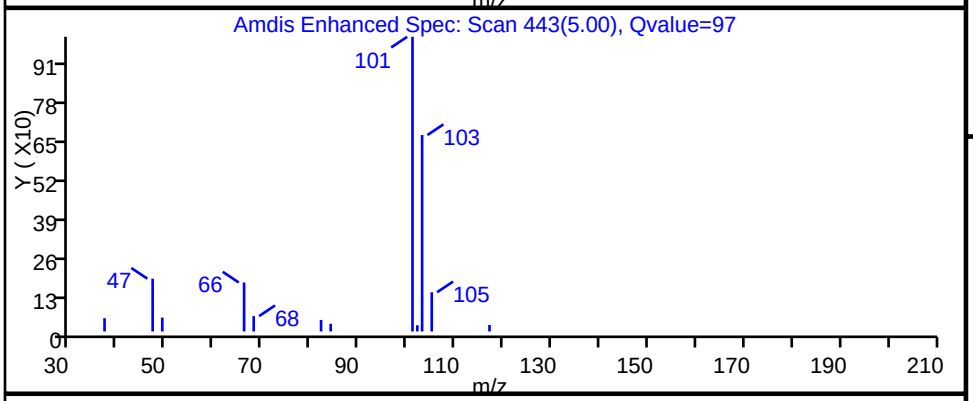
TestAmerica Burlington

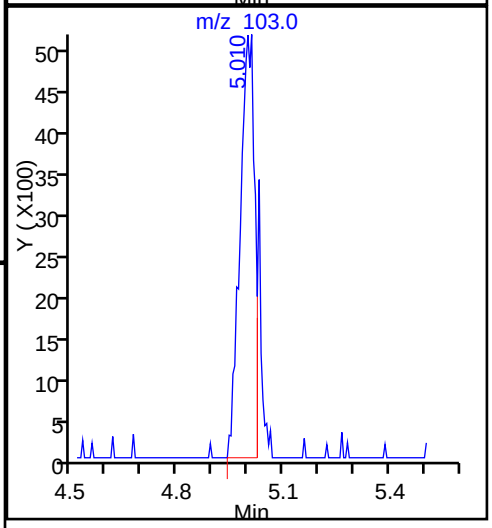
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

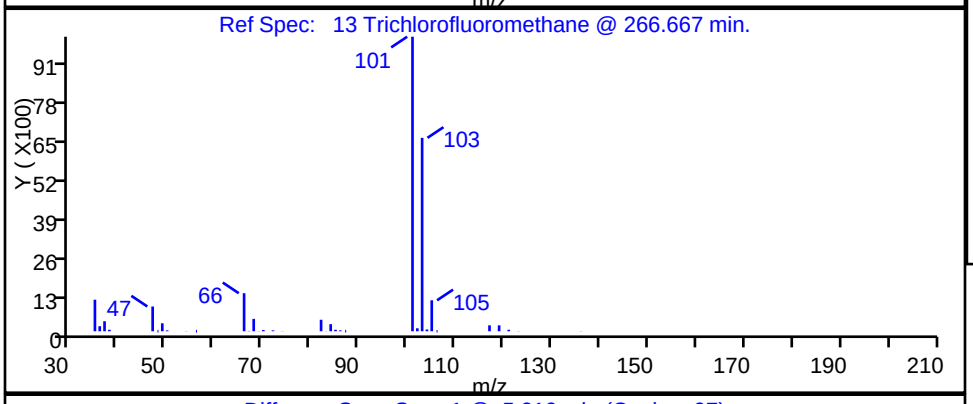
13 Trichlorofluoromethane, CAS: 75-69-4

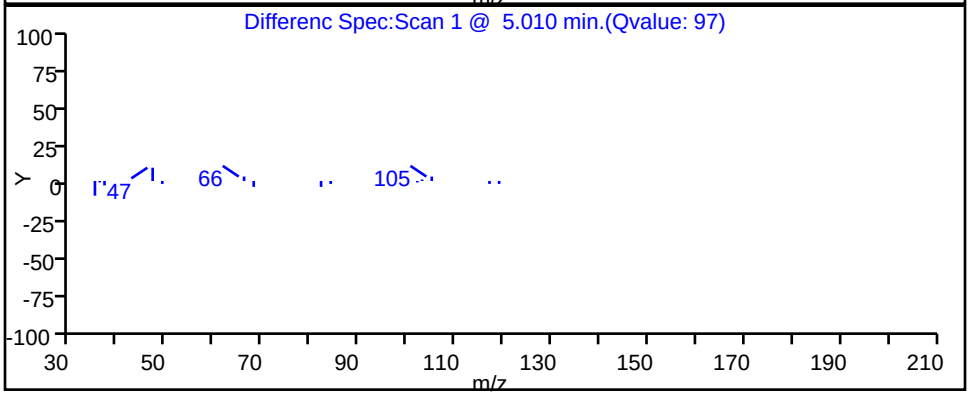










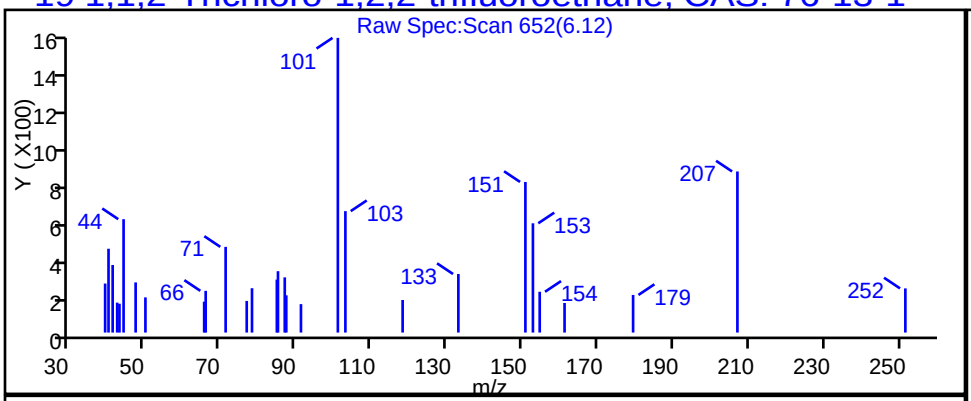


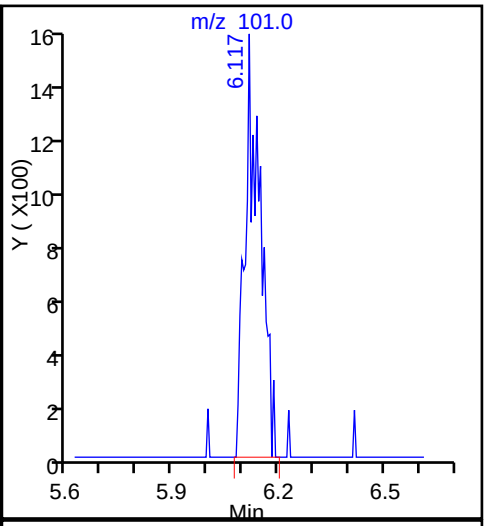
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

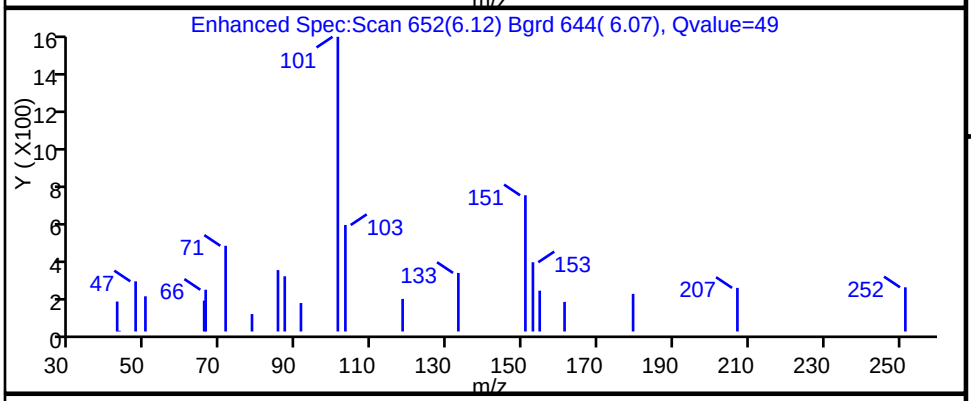
TestAmerica Burlington

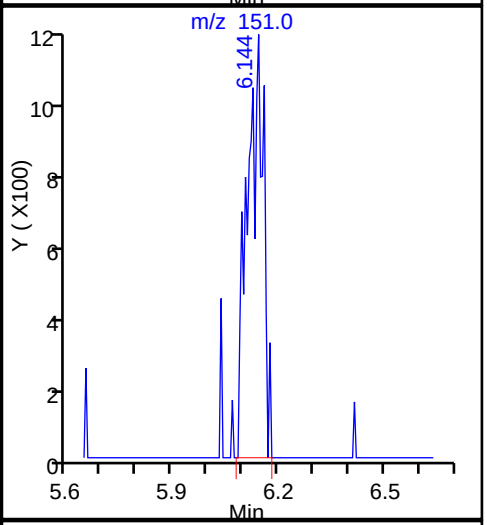
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

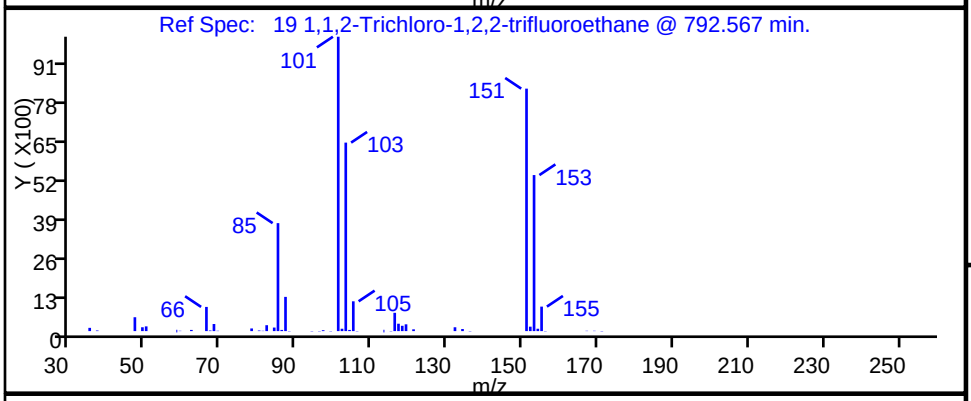
19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

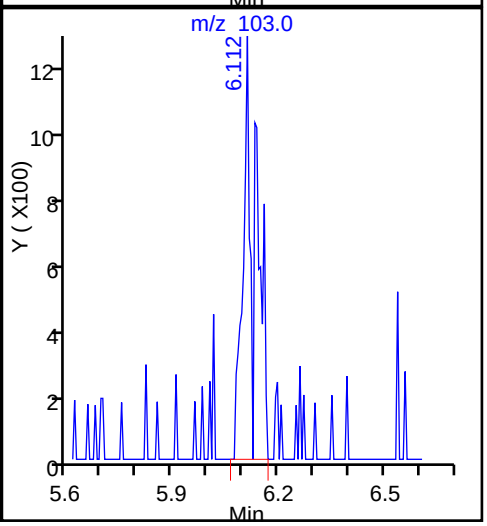


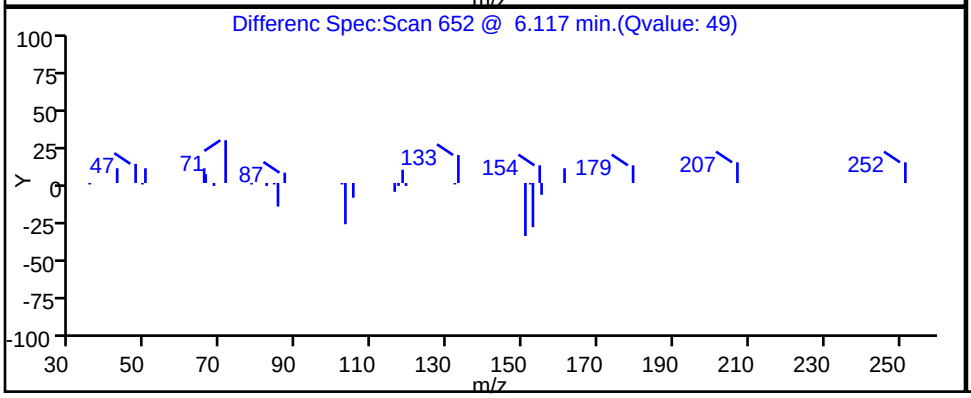












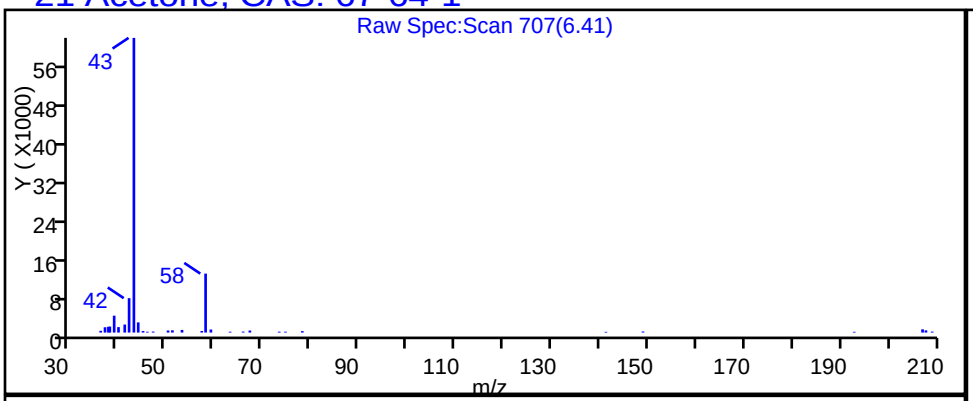
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

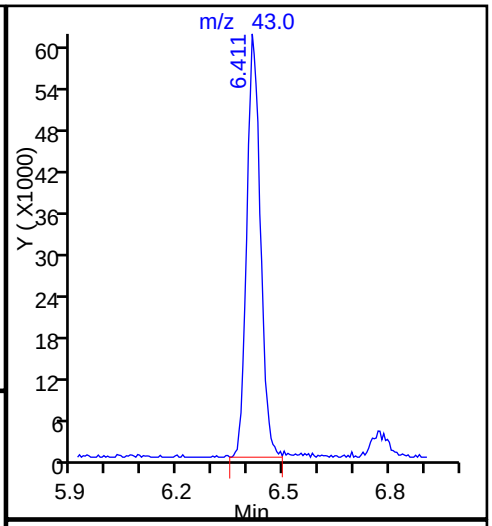
TestAmerica Burlington

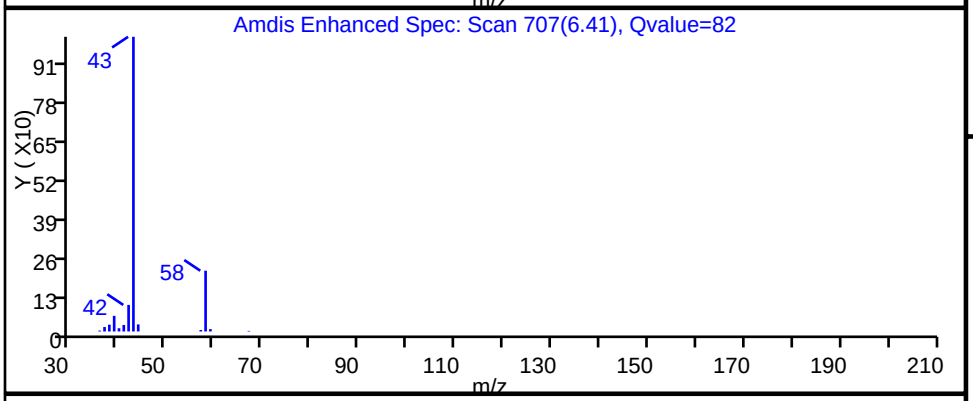
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D

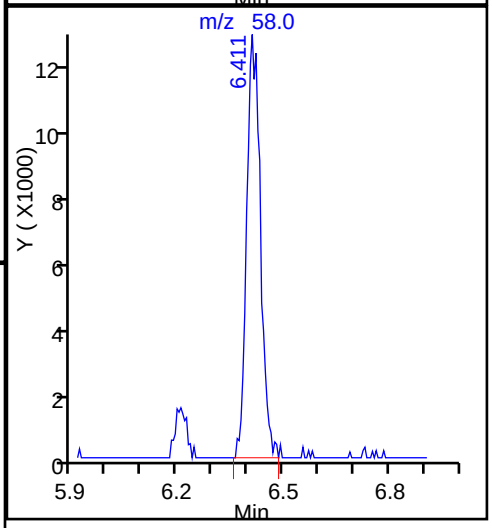
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

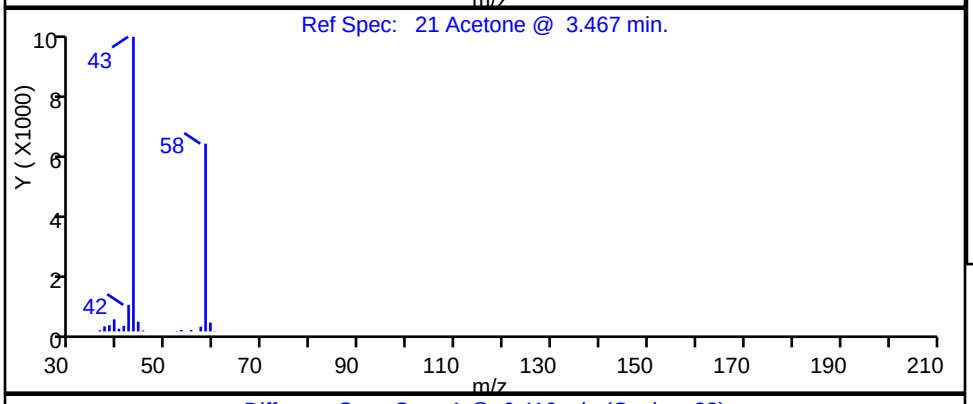
21 Acetone, CAS: 67-64-1

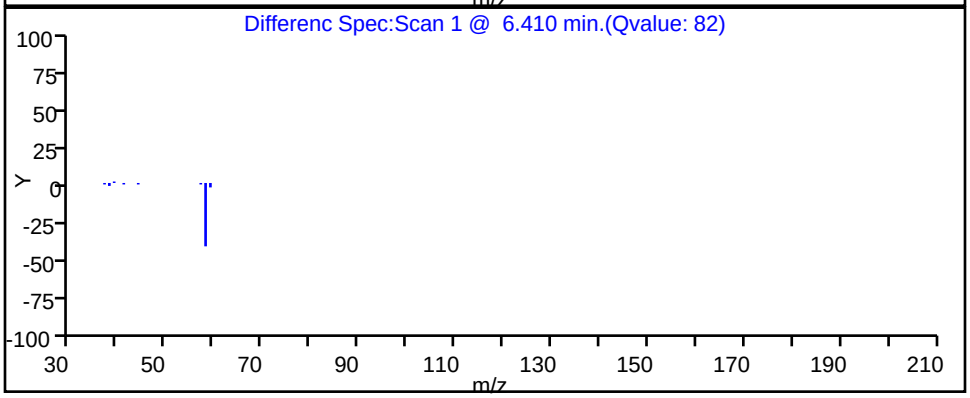












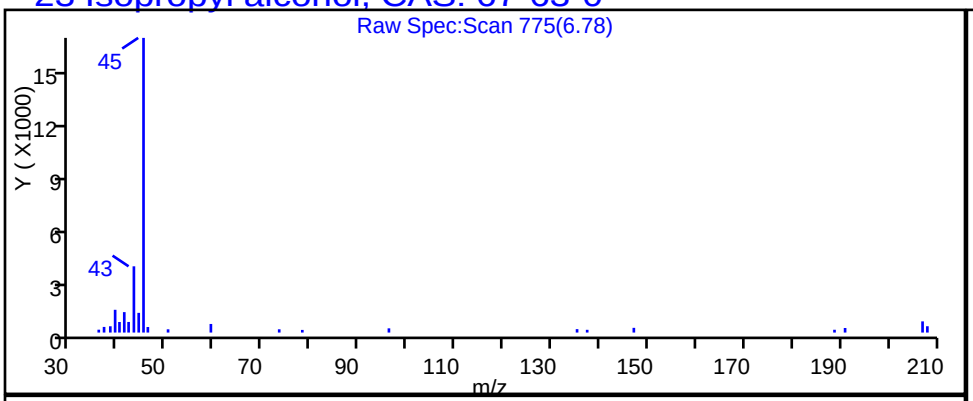
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

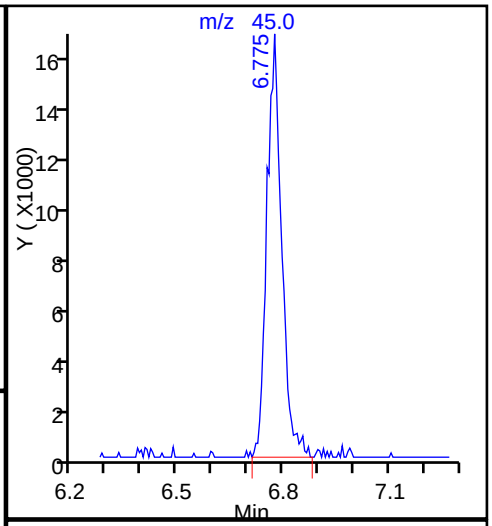
TestAmerica Burlington

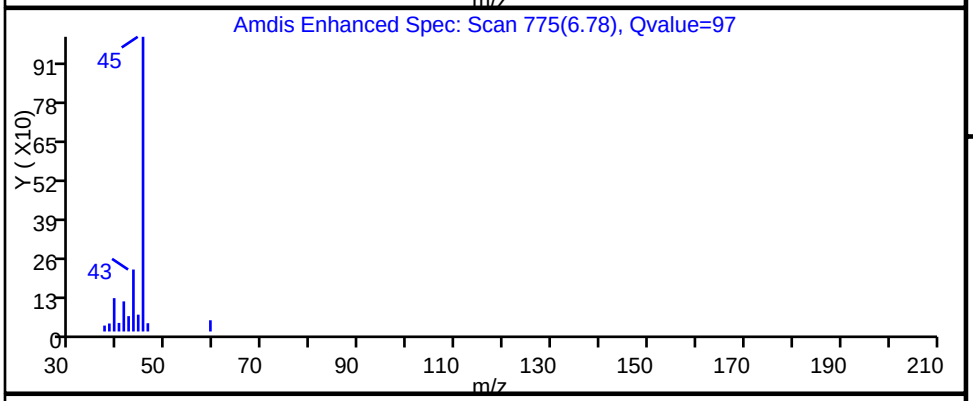
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D

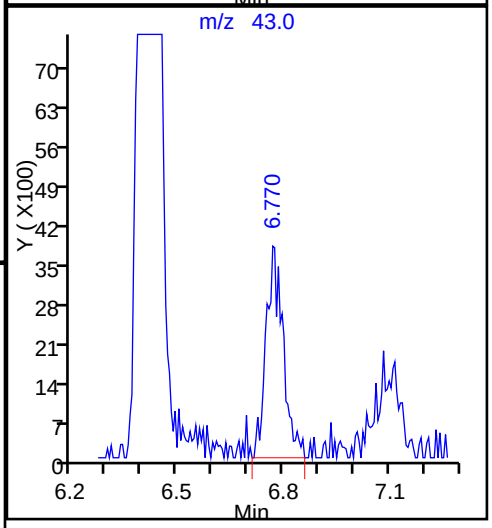
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

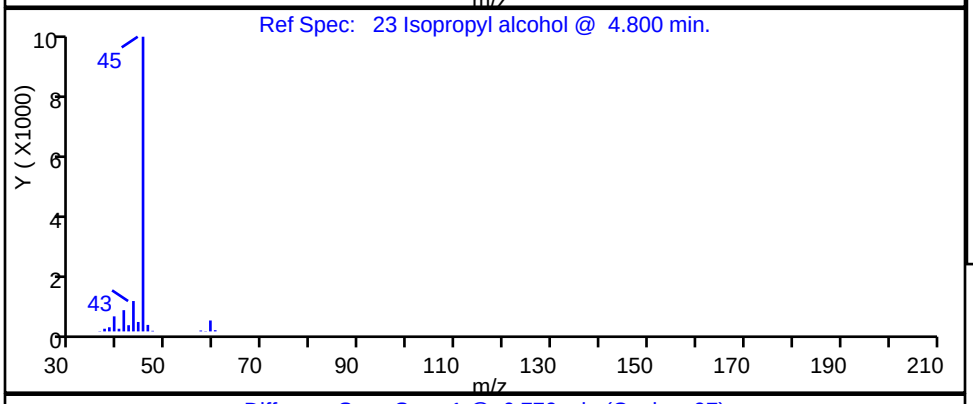
23 Isopropyl alcohol, CAS: 67-63-0

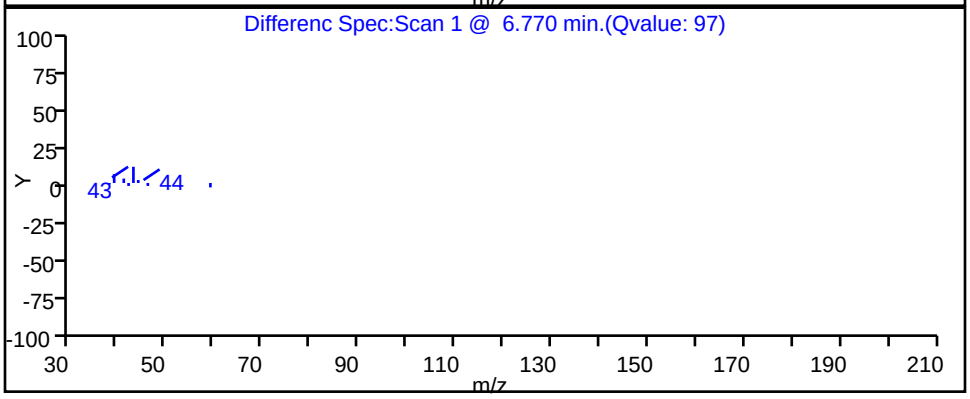












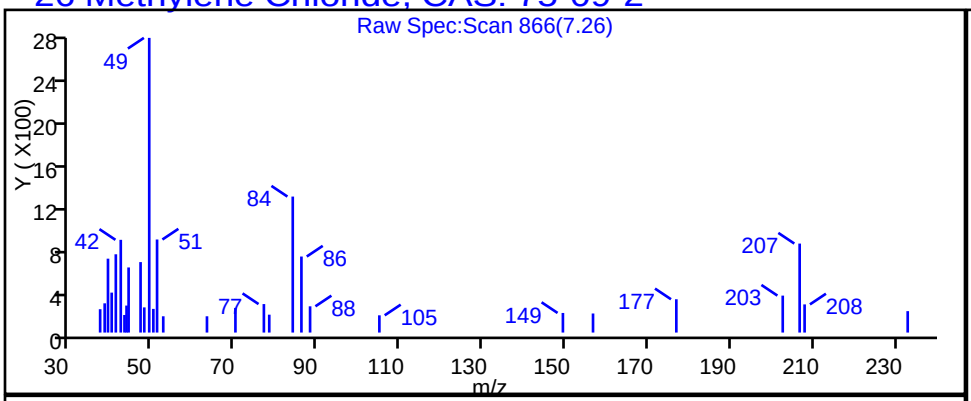
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

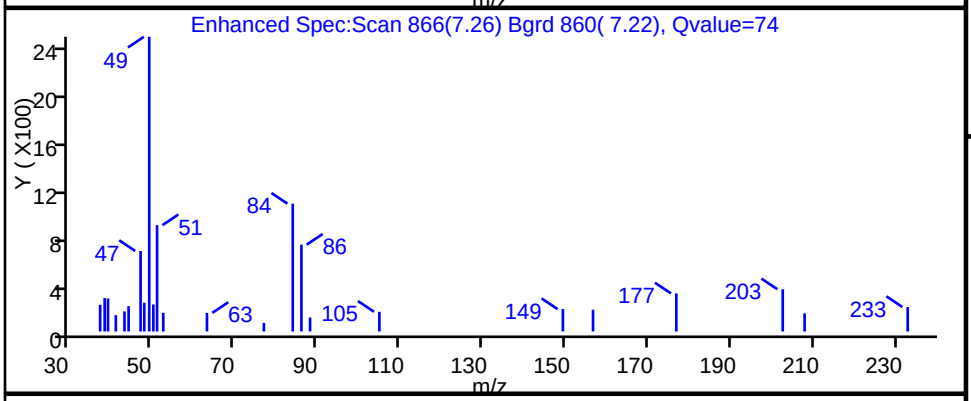
TestAmerica Burlington

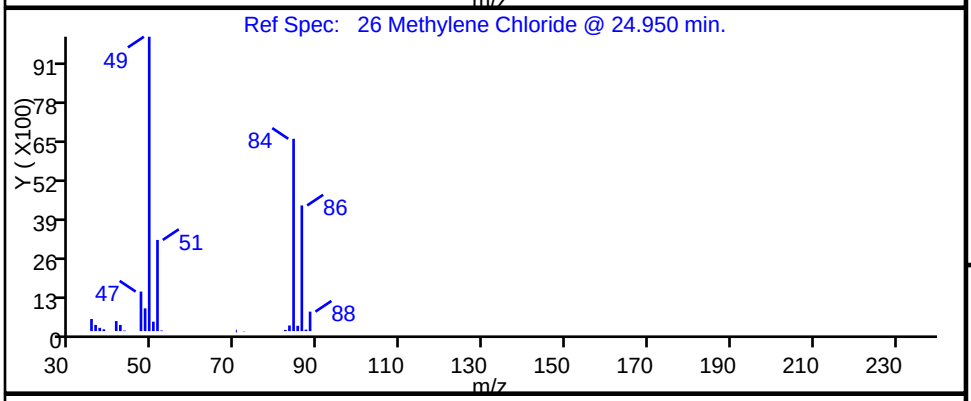
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D

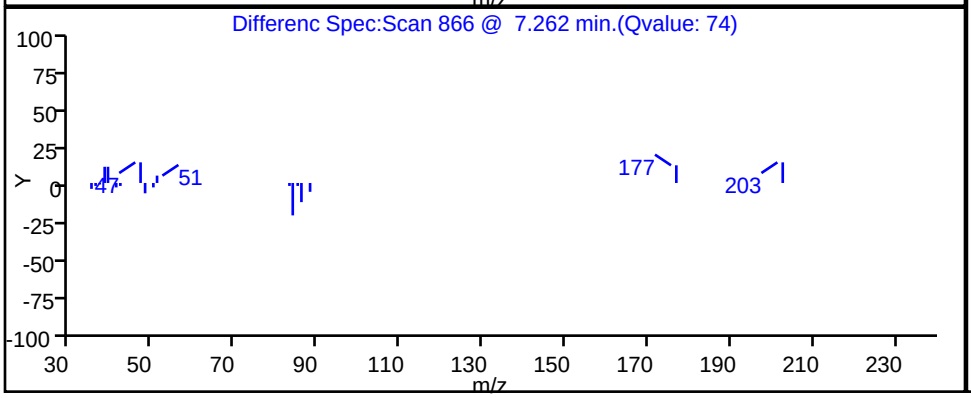
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

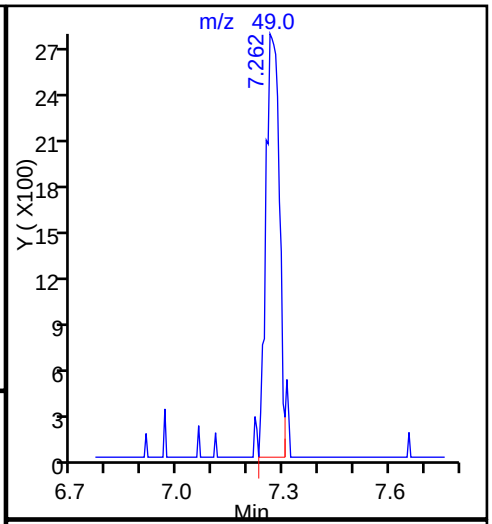
26 Methylene Chloride, CAS: 75-09-2

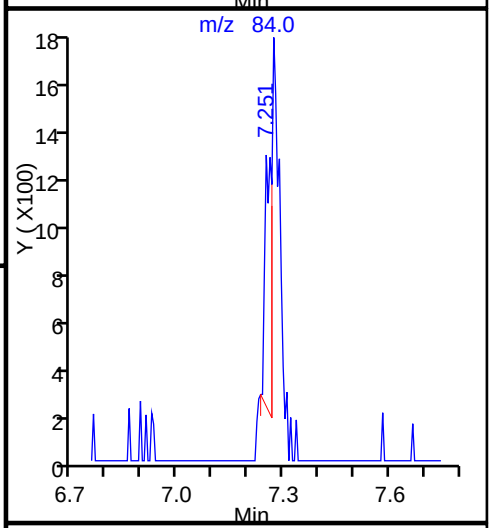


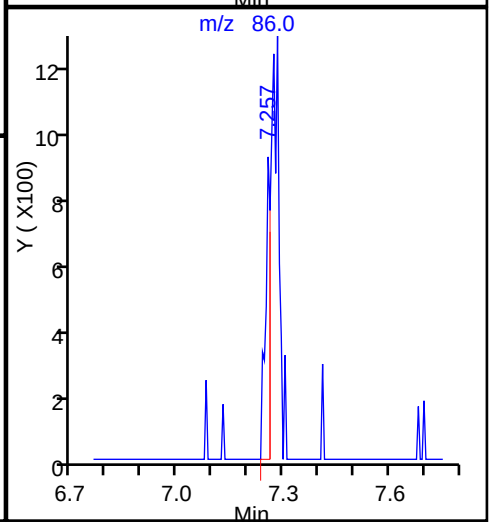










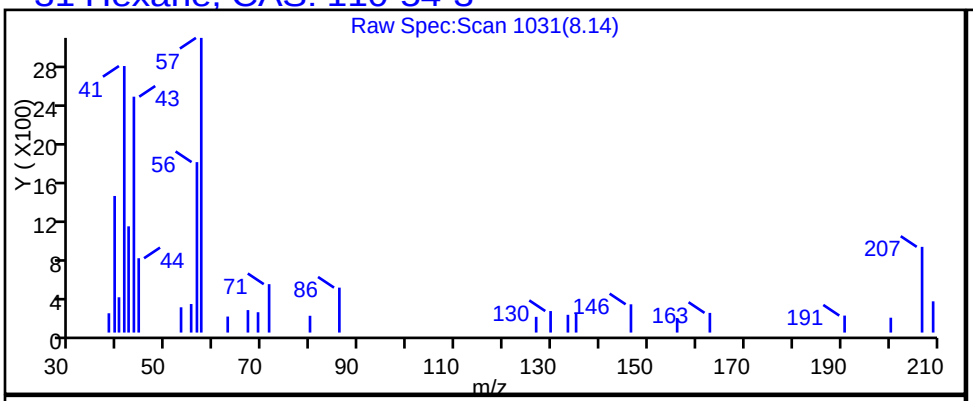


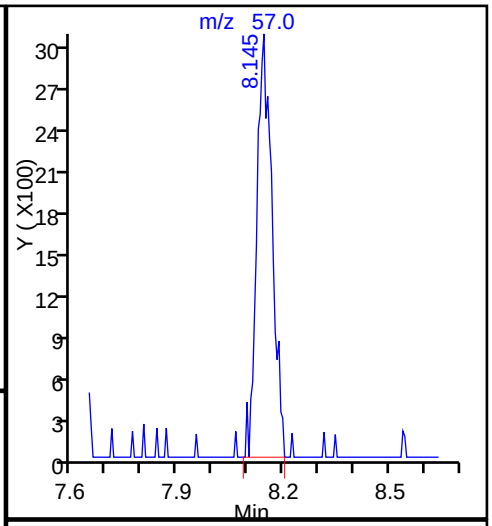
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

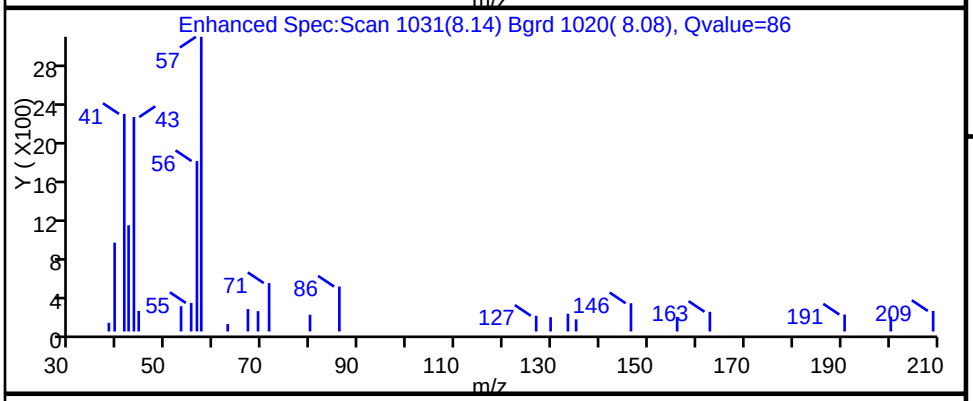
TestAmerica Burlington

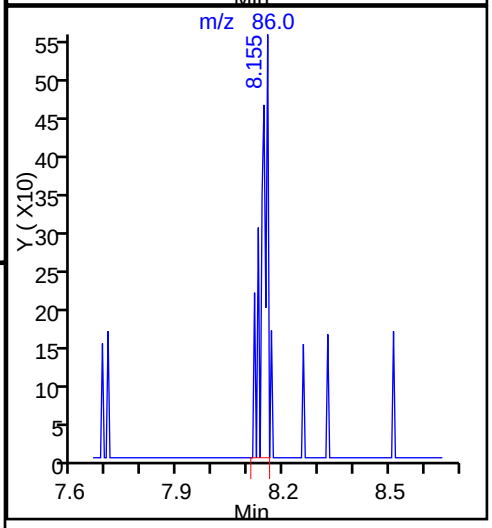
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

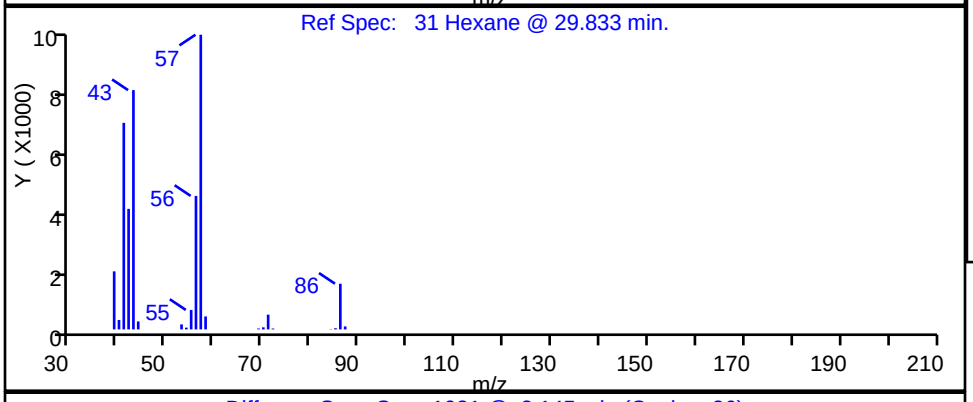
31 Hexane, CAS: 110-54-3

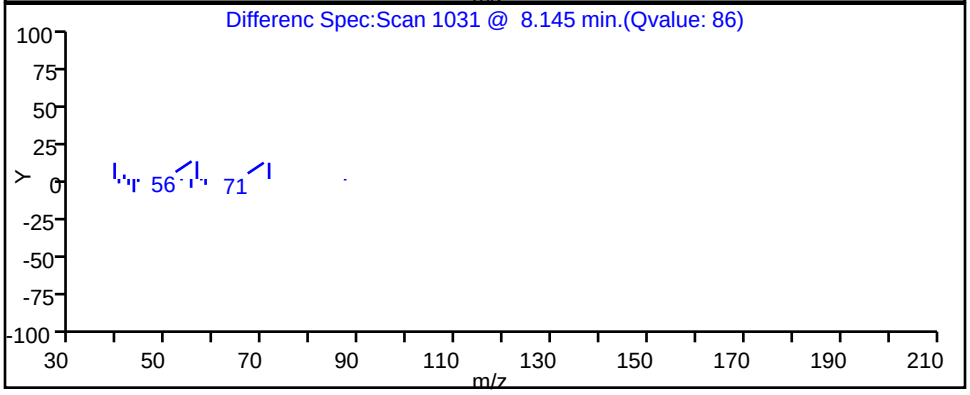










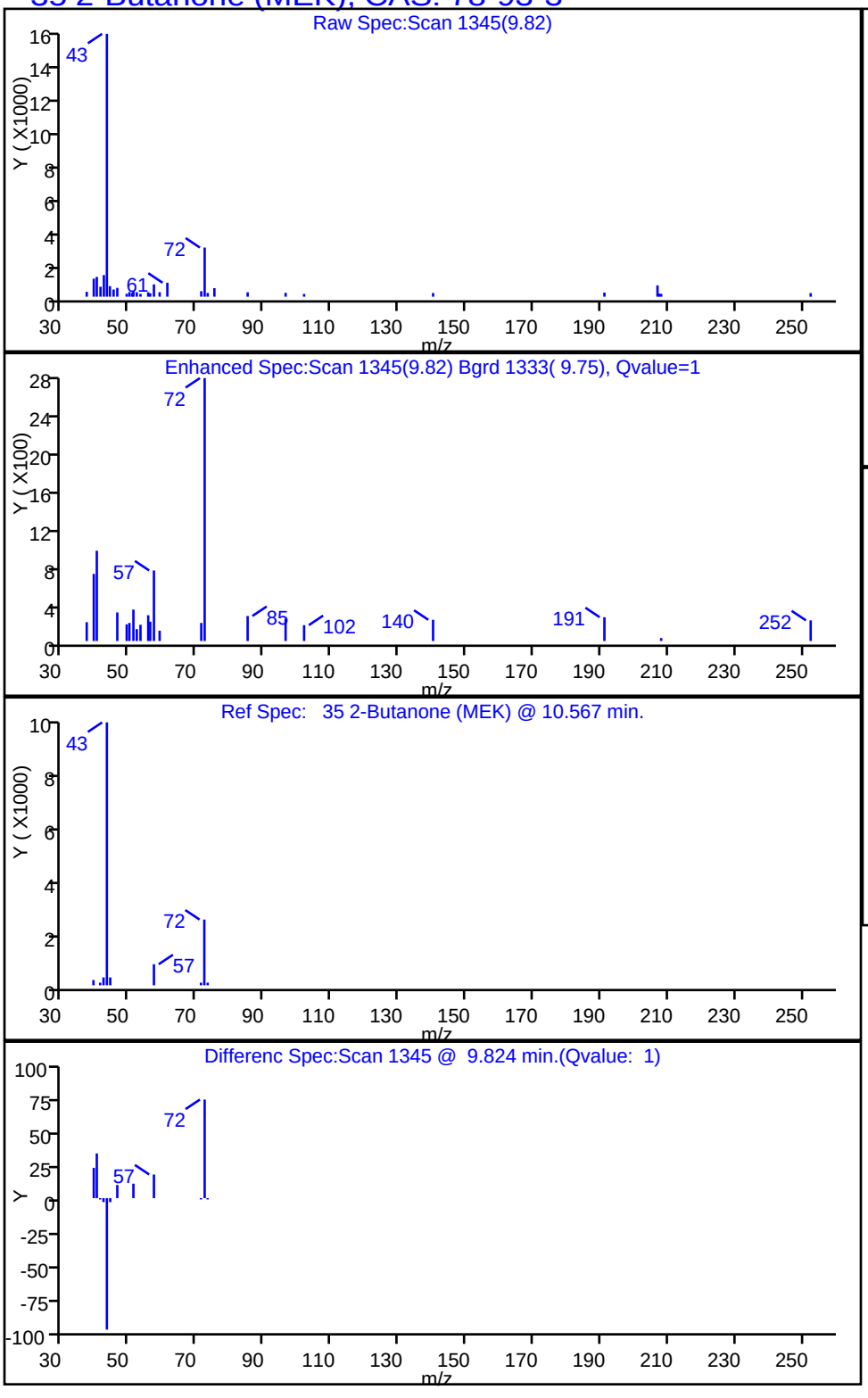


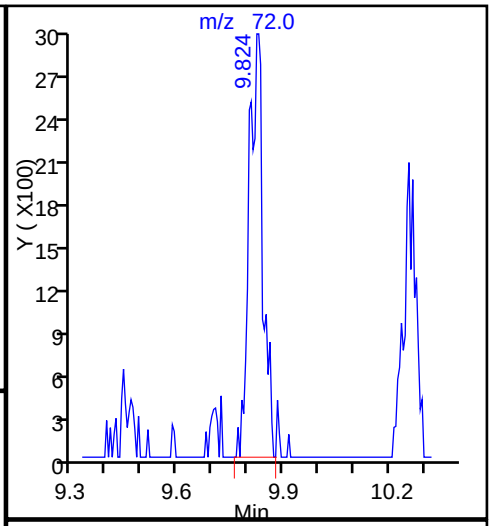
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

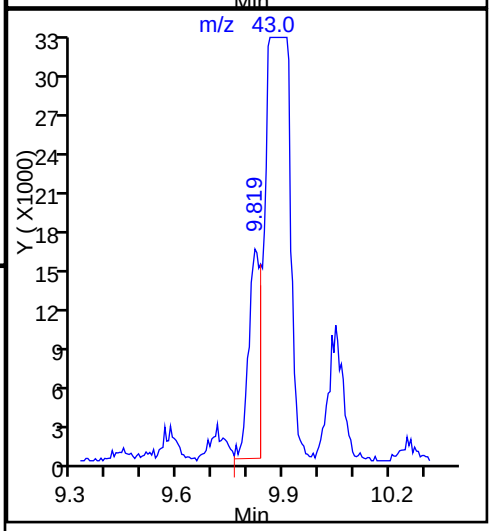
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

35 2-Butanone (MEK), CAS: 78-93-3





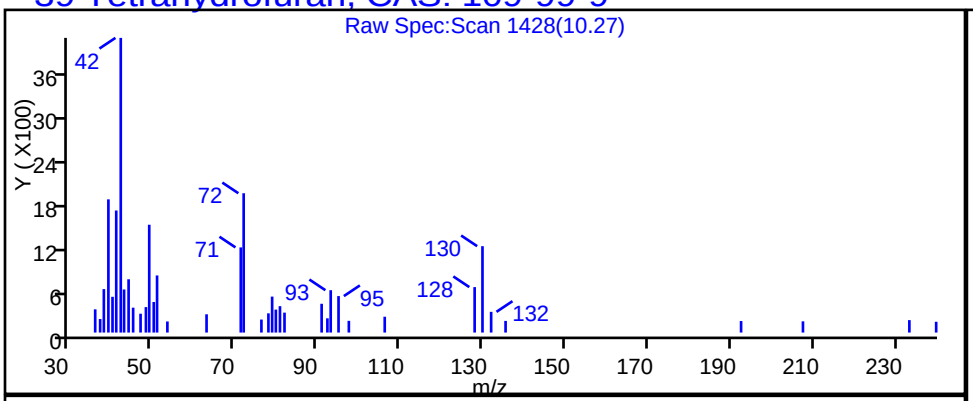


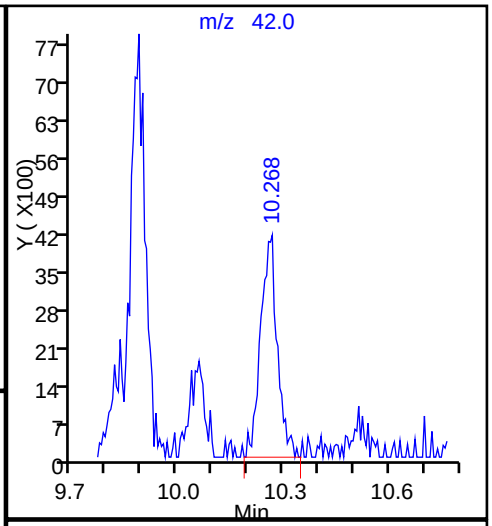
TestAmerica Burlington

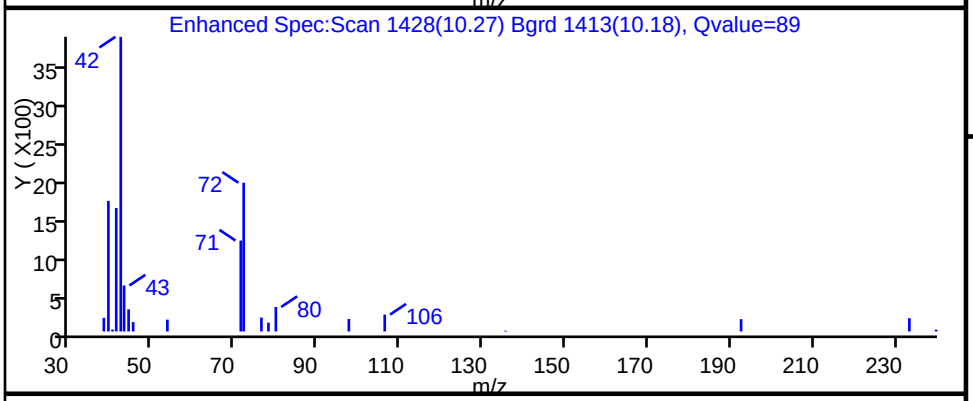
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D

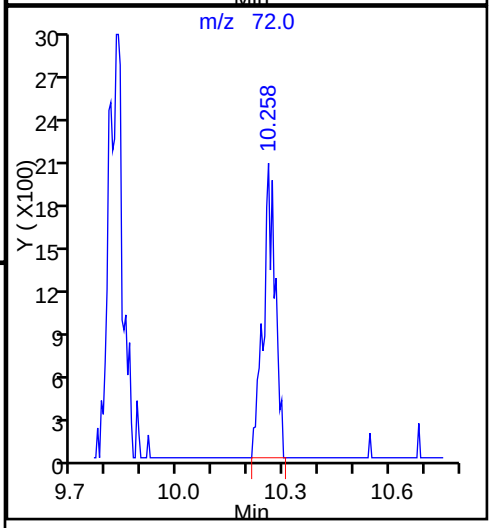
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

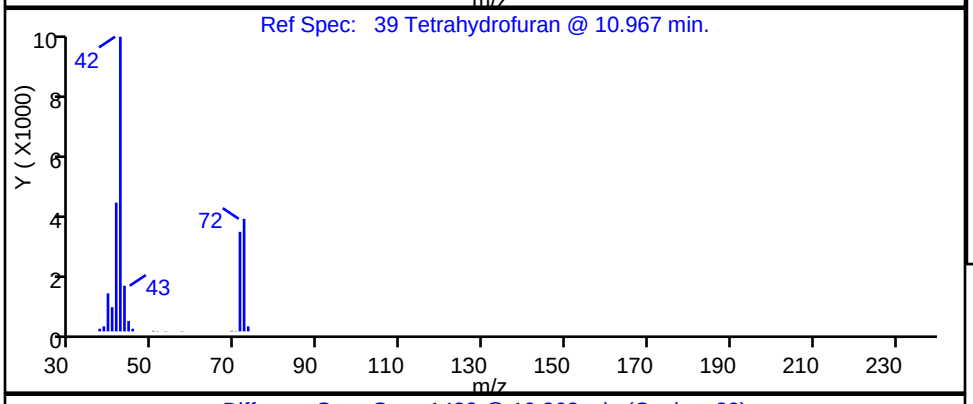
39 Tetrahydrofuran, CAS: 109-99-9

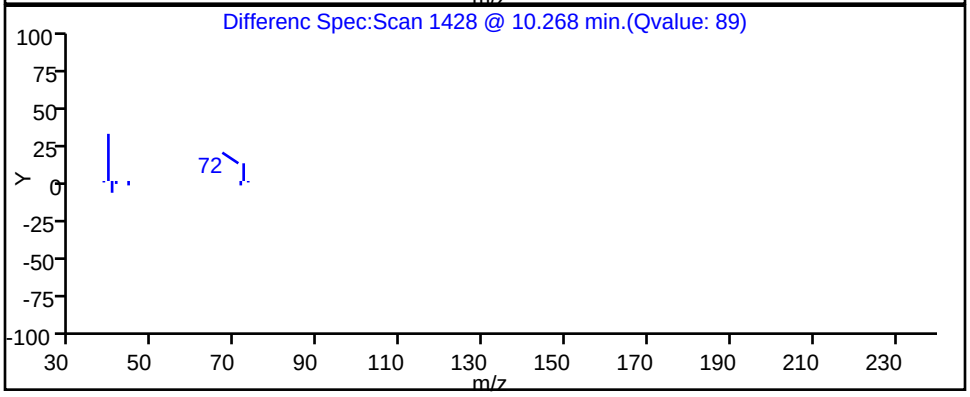








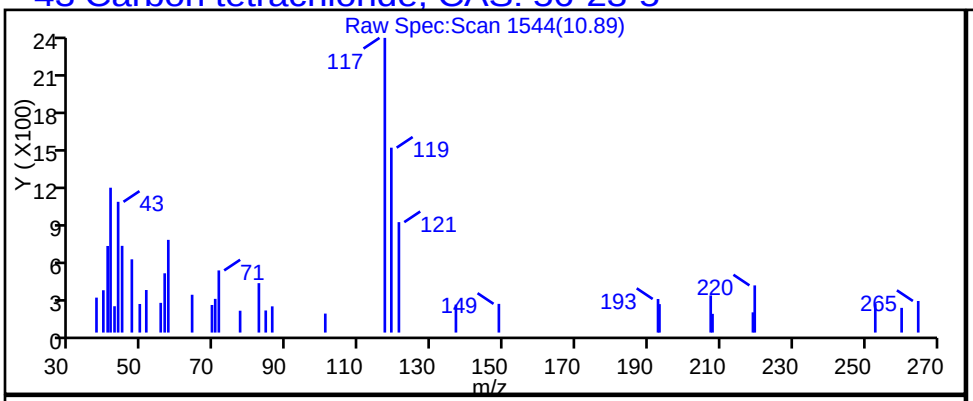


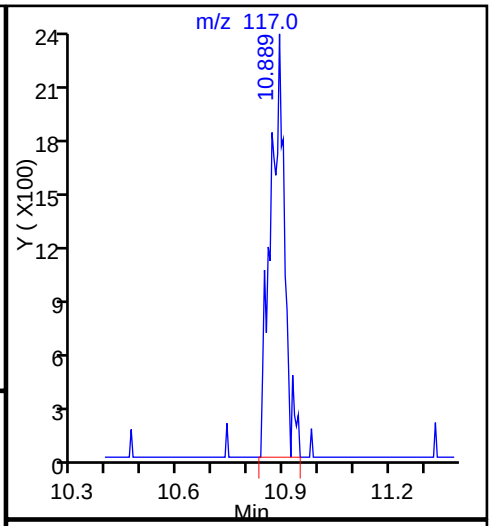


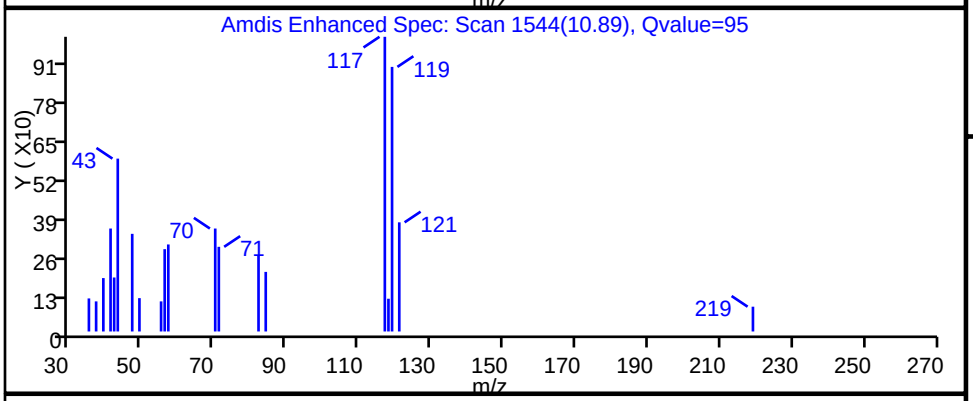
TestAmerica Burlington

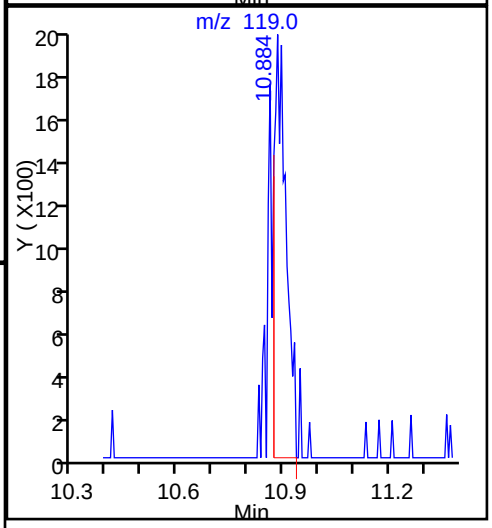
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

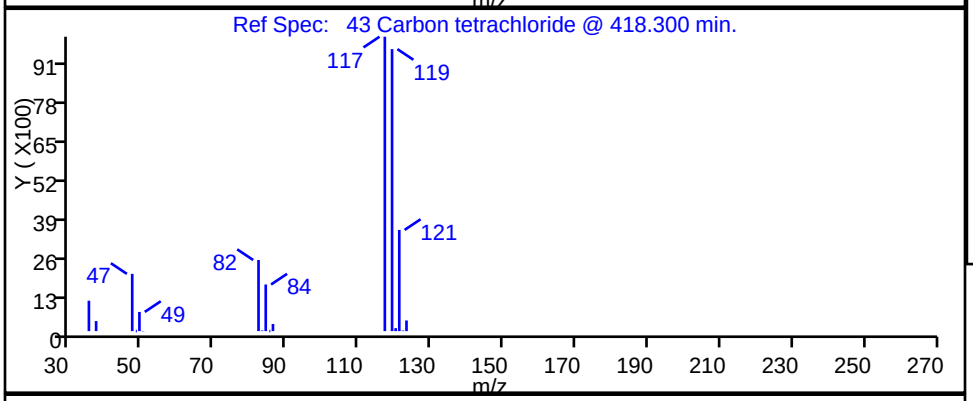
43 Carbon tetrachloride, CAS: 56-23-5

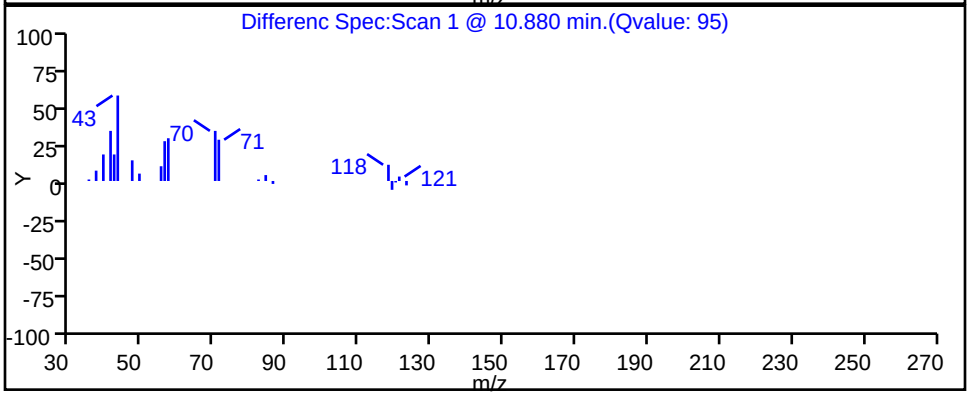










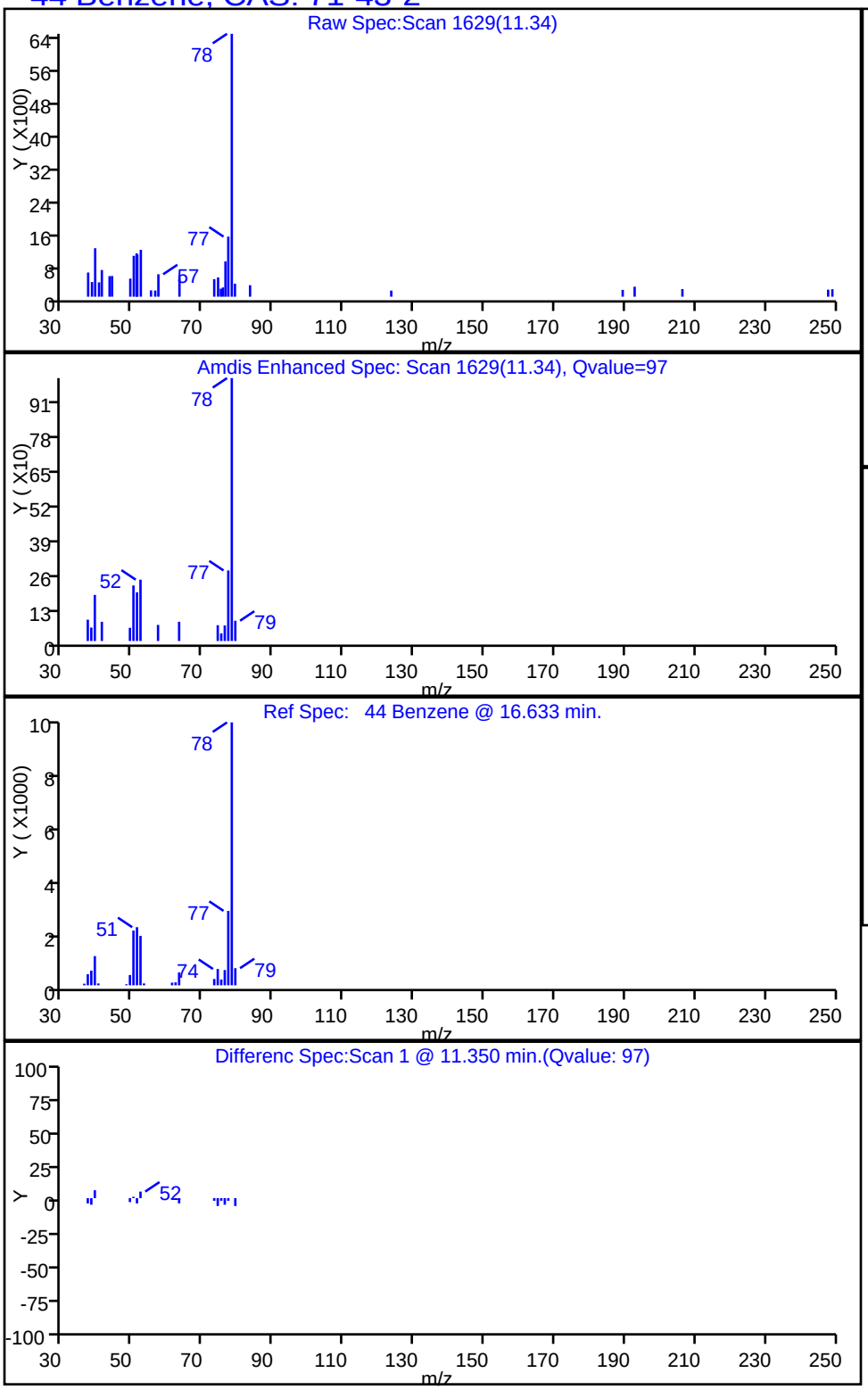


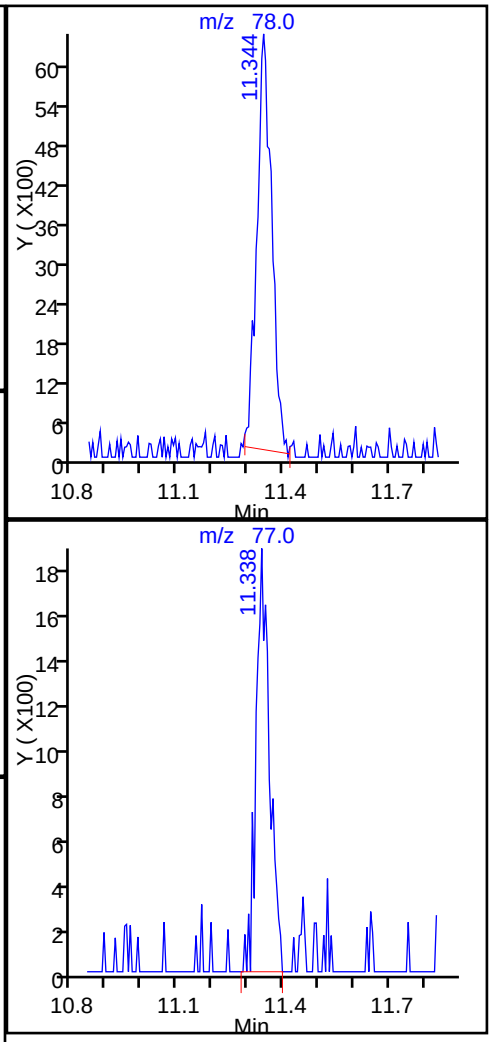
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 Benzene, CAS: 71-43-2



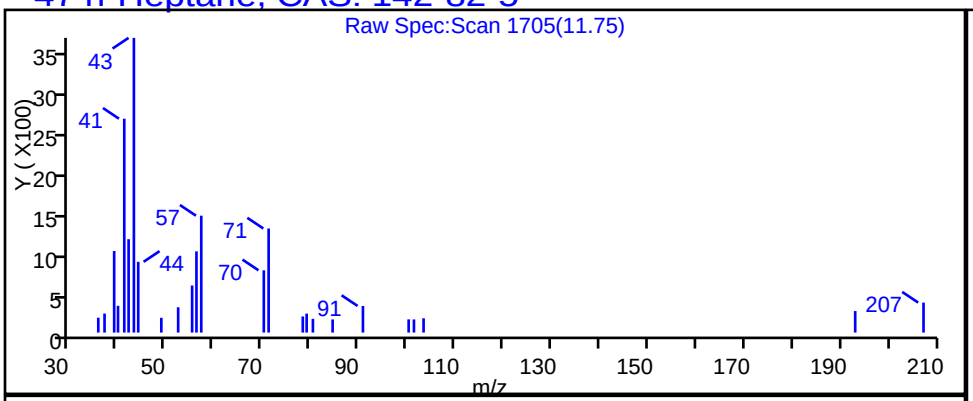


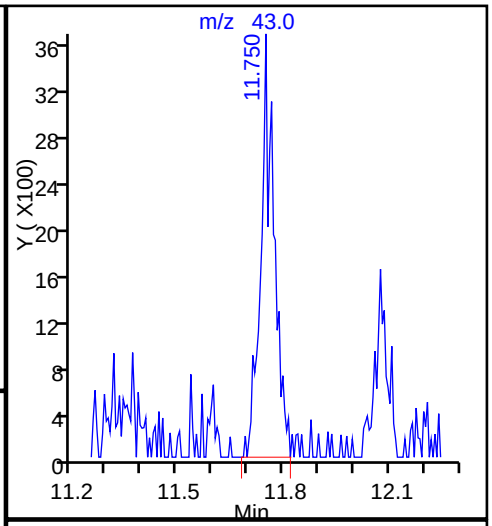
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

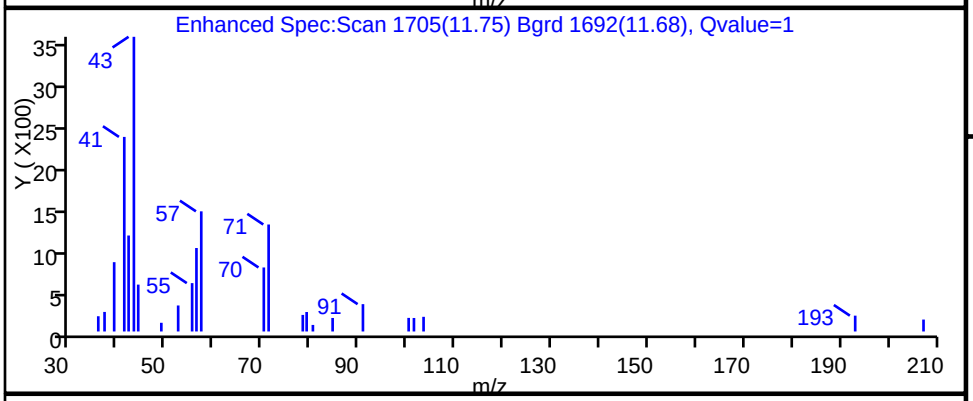
TestAmerica Burlington

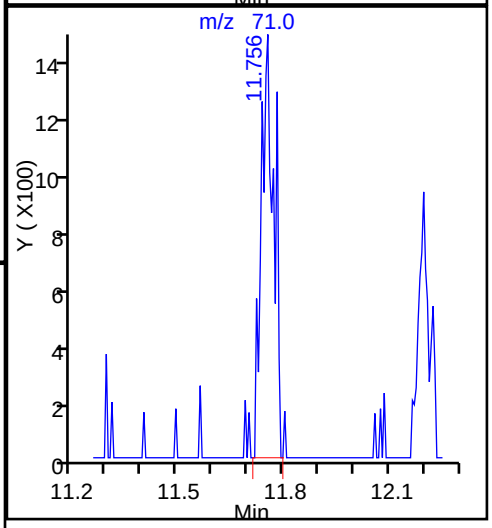
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

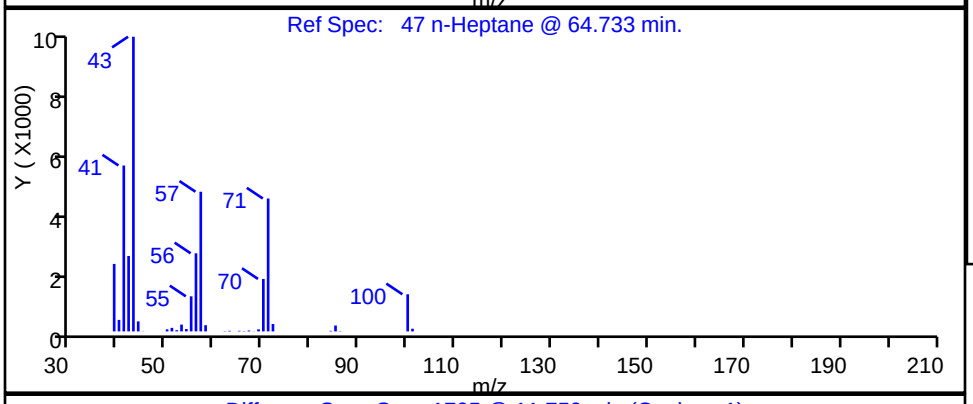
47 n-Heptane, CAS: 142-82-5

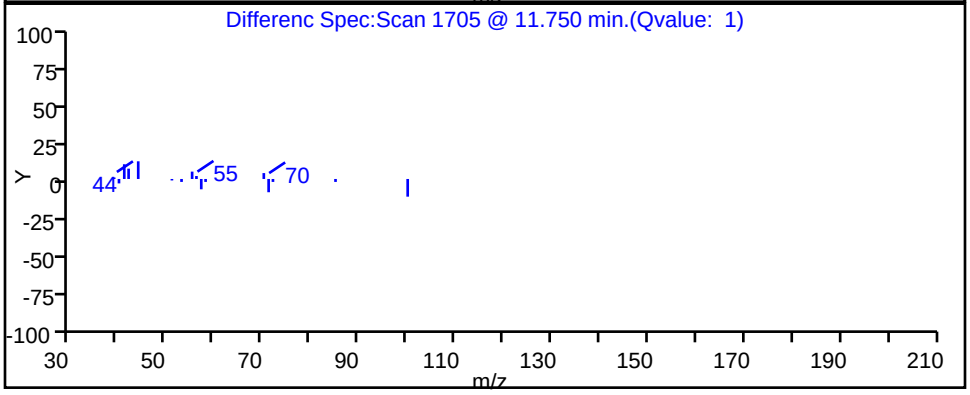










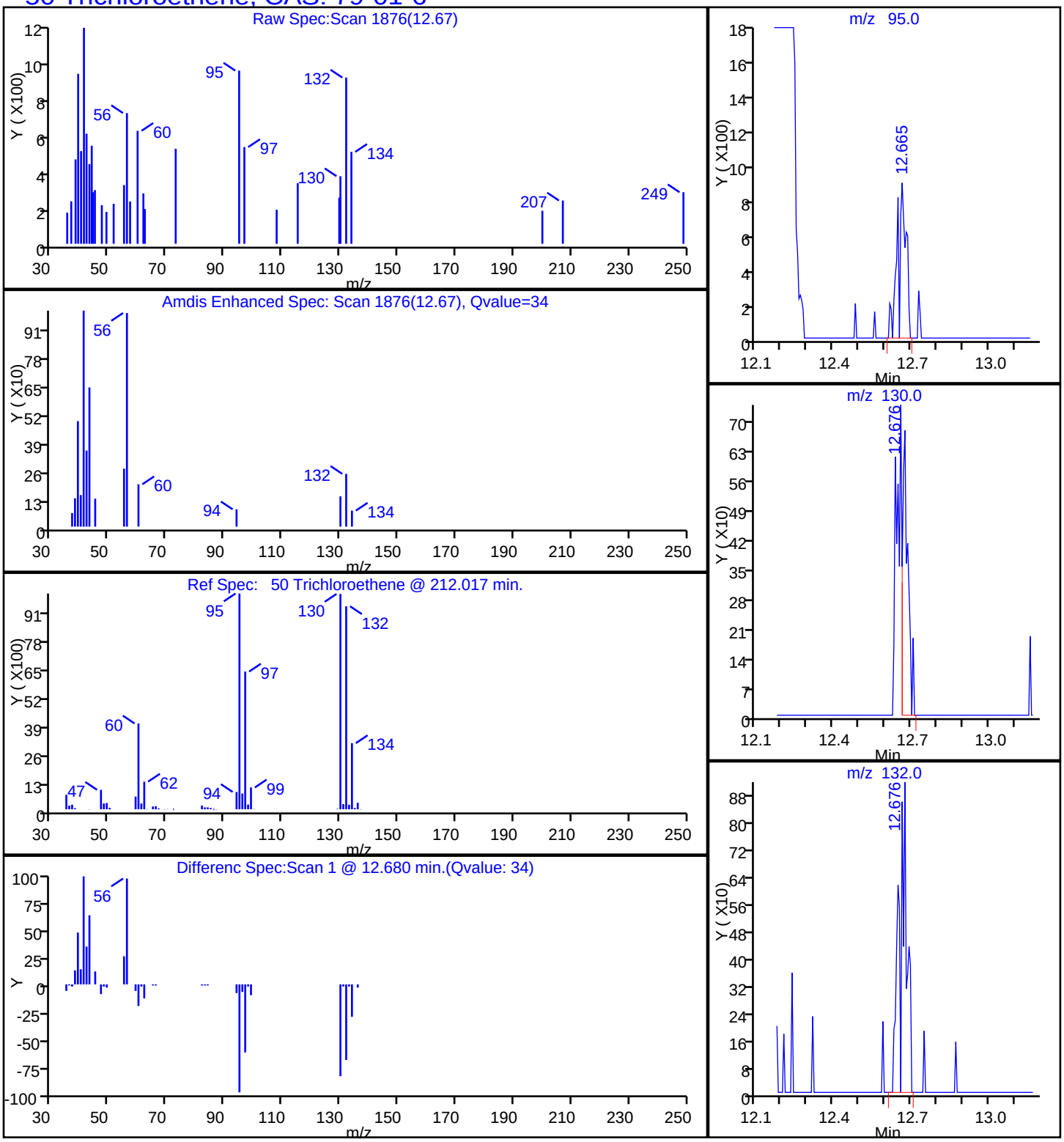


Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Trichloroethene, CAS: 79-01-6



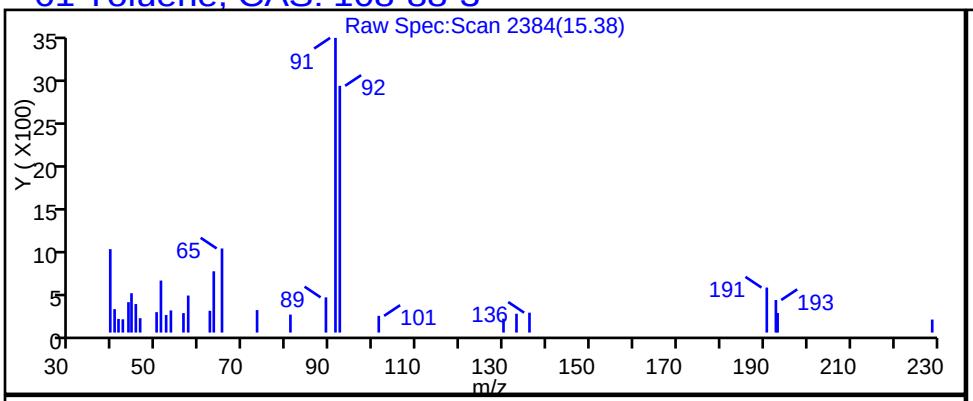
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

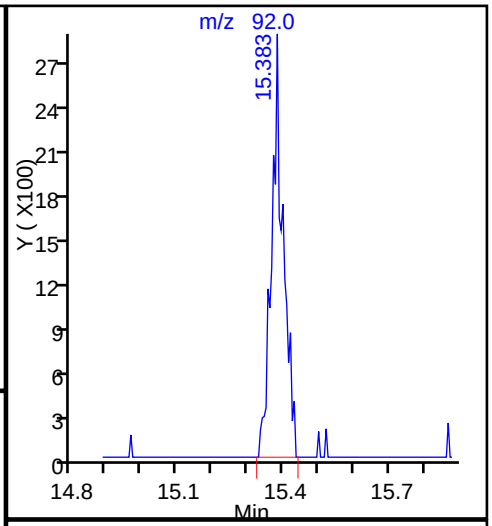
TestAmerica Burlington

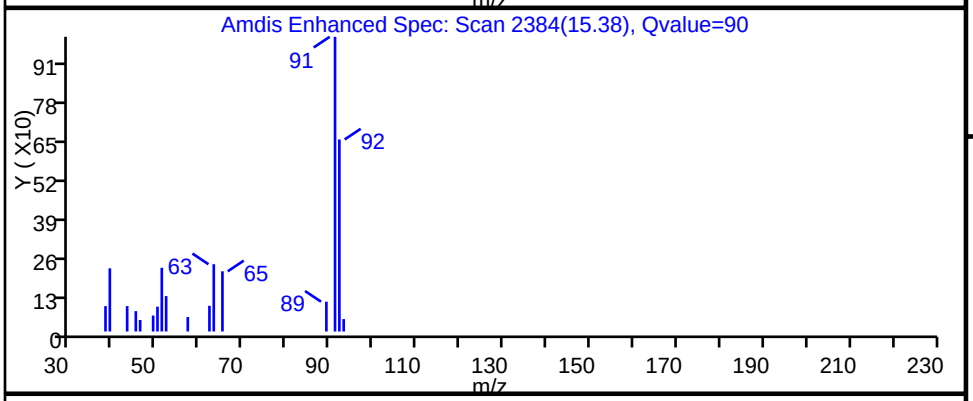
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D

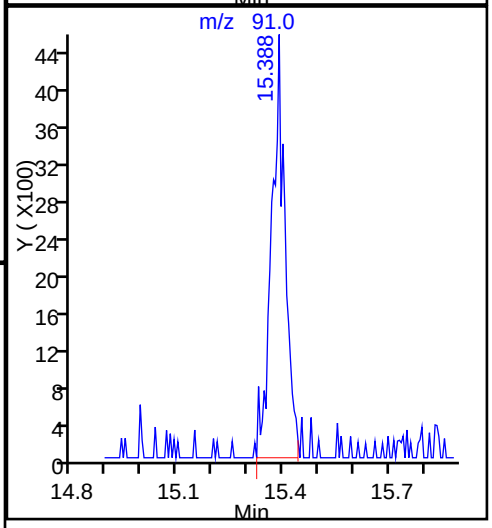
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

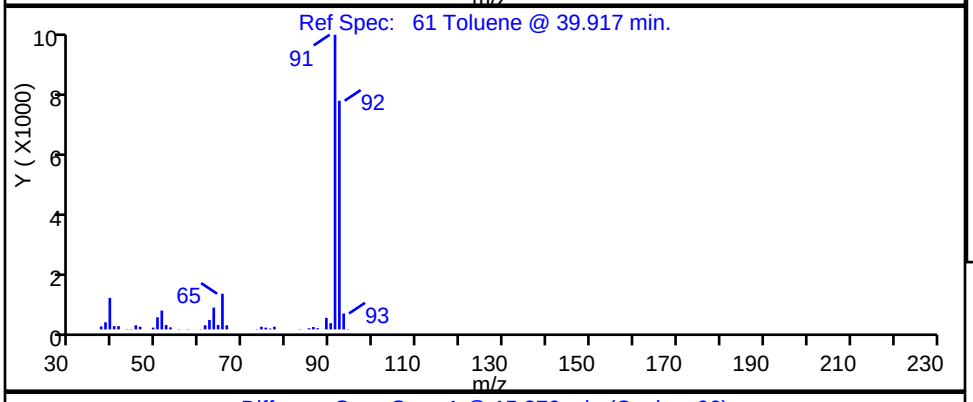
61 Toluene, CAS: 108-88-3

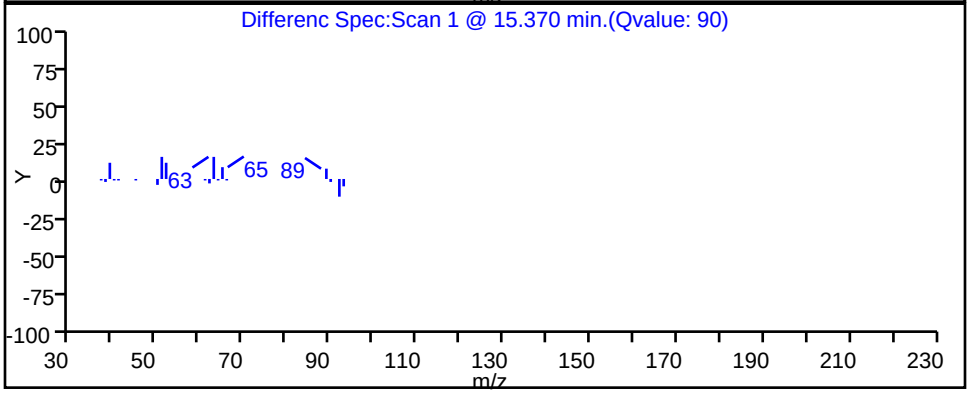










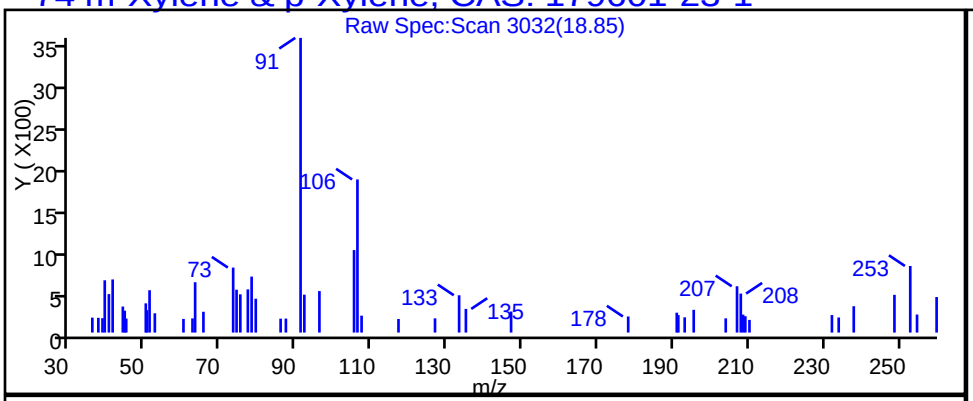


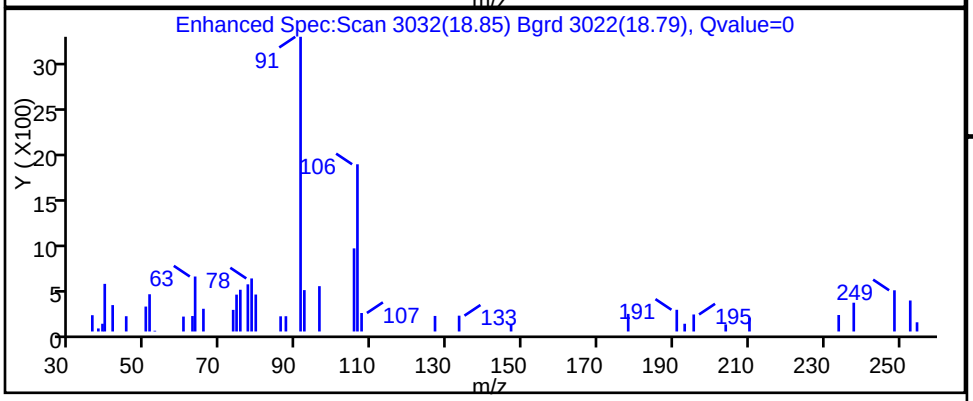
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

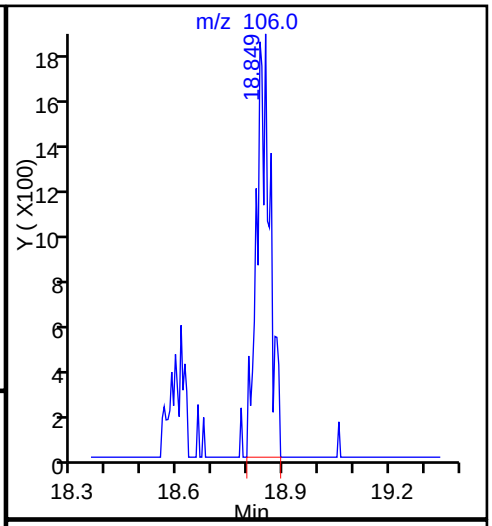
TestAmerica Burlington

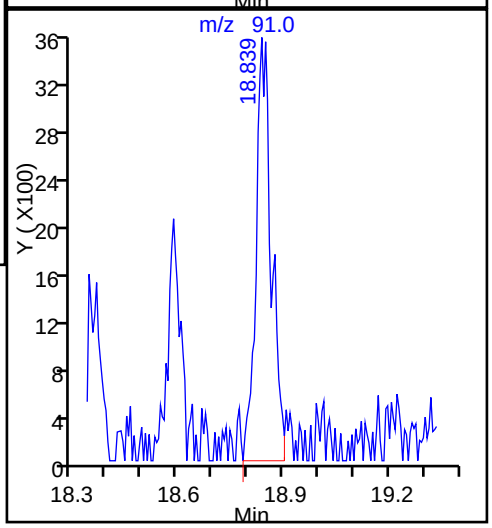
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 m-Xylene & p-Xylene, CAS: 179601-23-1







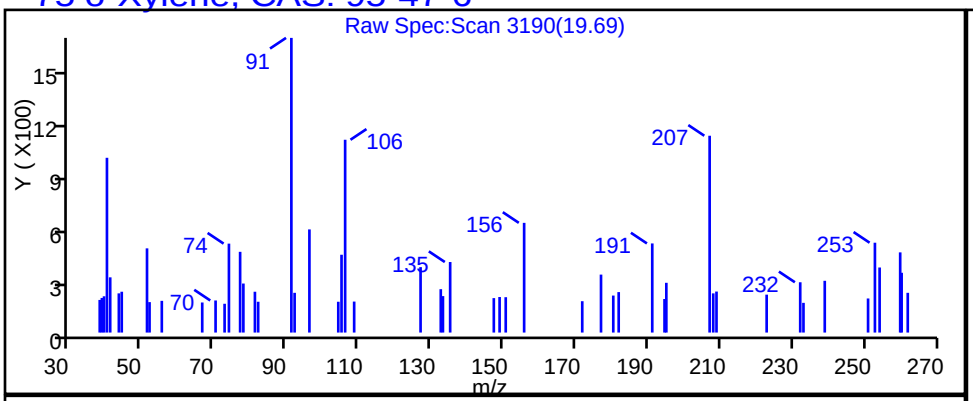


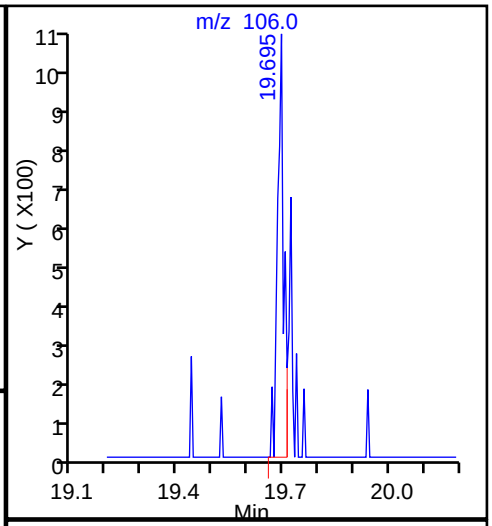
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

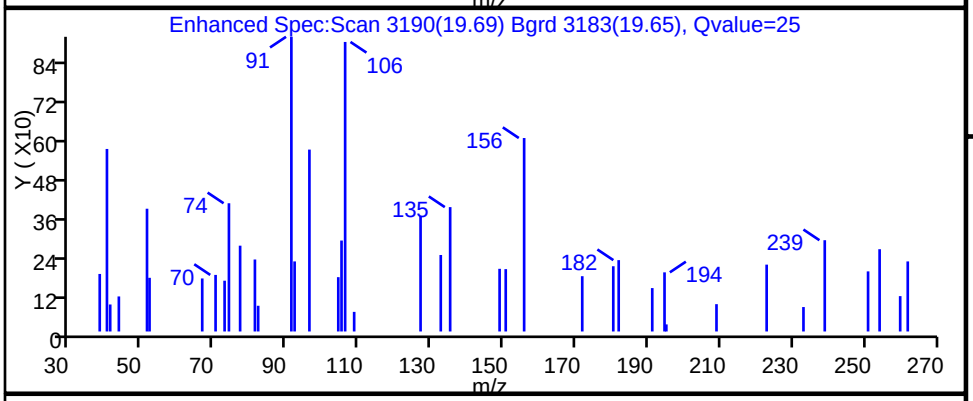
TestAmerica Burlington

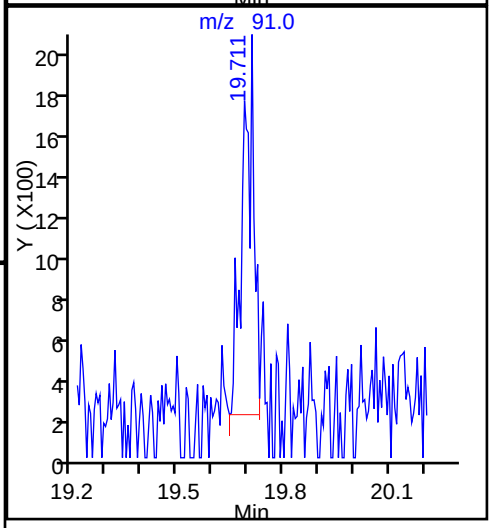
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

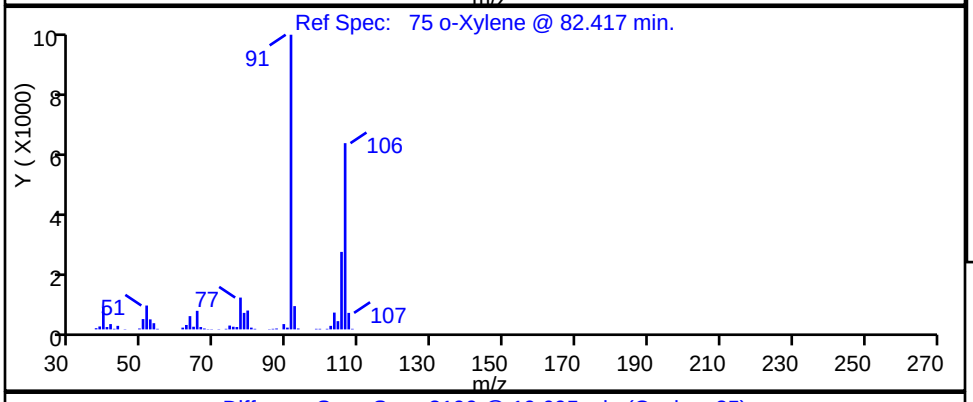
75 o-Xylene, CAS: 95-47-6

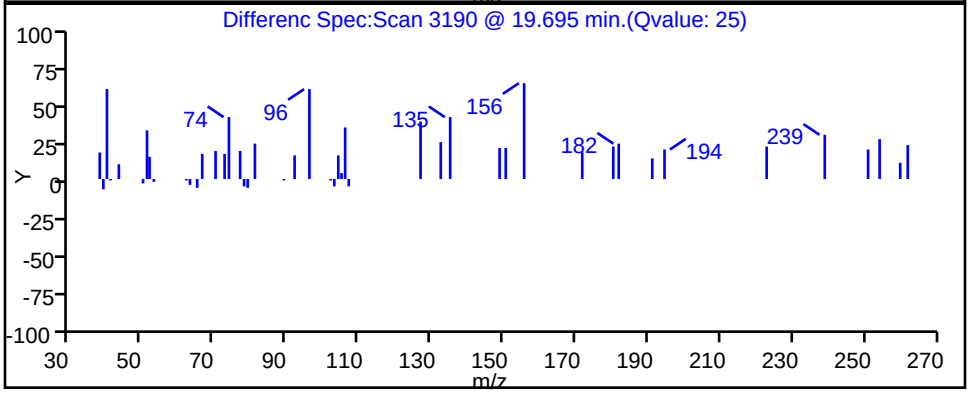










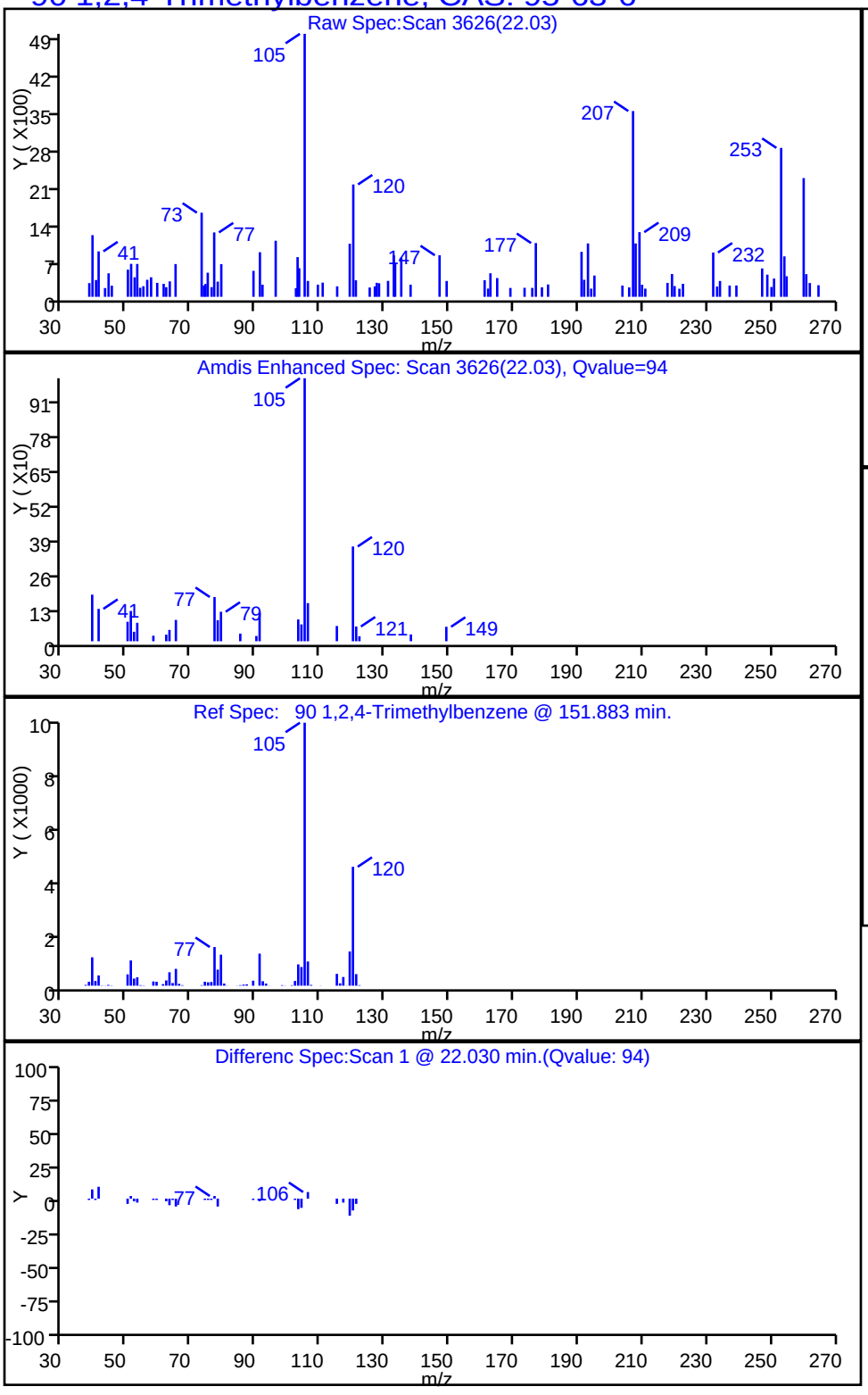


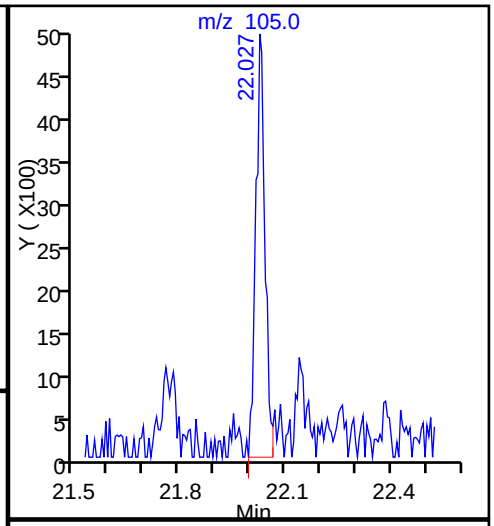
Report Date: 03-Feb-2015 09:43:29 Chrom Revision: 2.2 15-Jan-2015 13:05:58

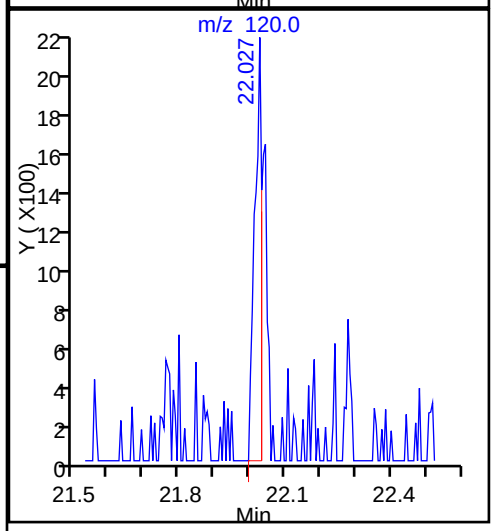
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,2,4-Trimethylbenzene, CAS: 95-63-6







Manual Integration/User Assign Peak Report

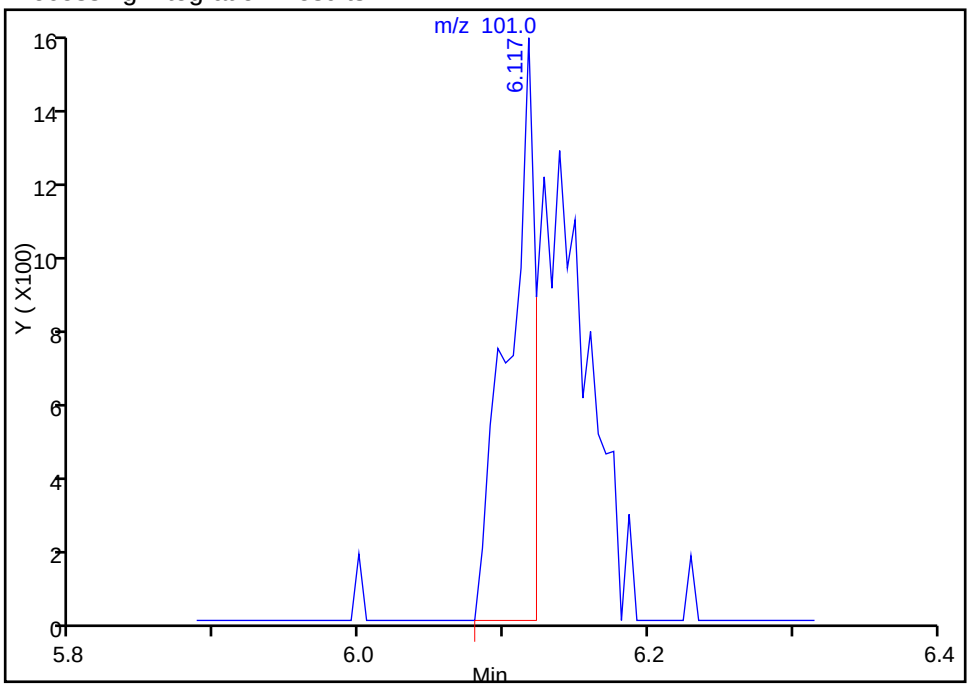
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

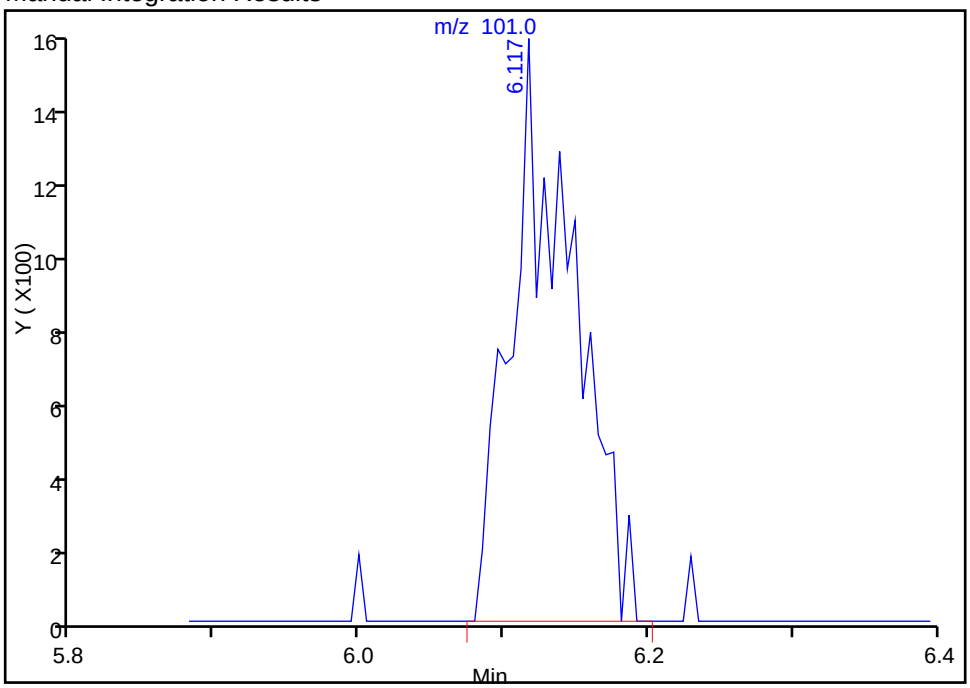
Processing Integration Results

RT: 6.12
Area: 2012
Amount: 0.036156
Amount Units: ppb v/v



Manual Integration Results

RT: 6.12
Area: 4735
Amount: 0.085088
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:07:39
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

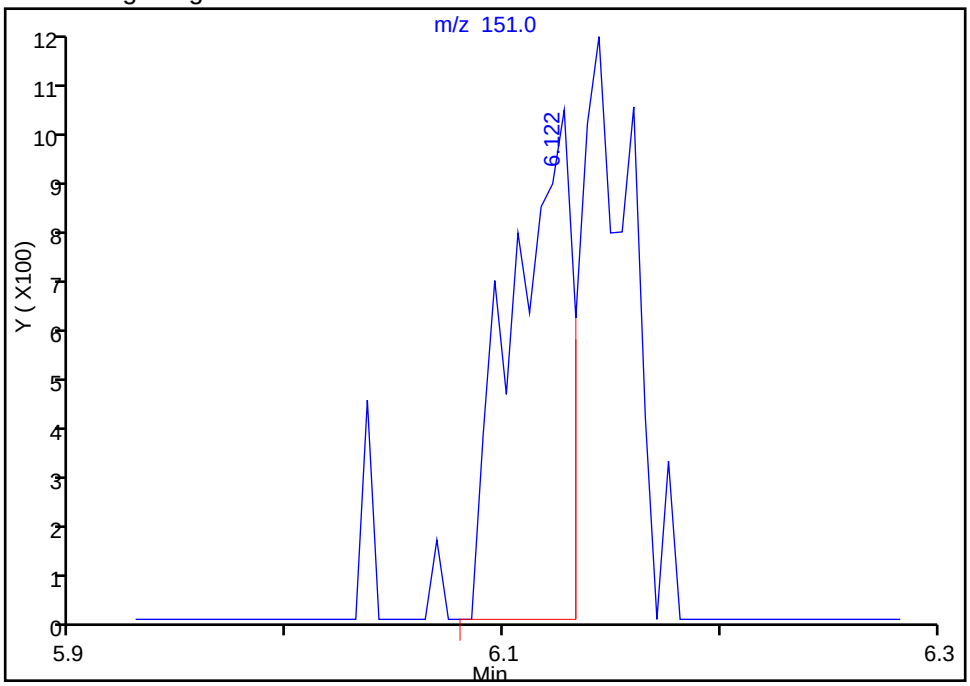
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

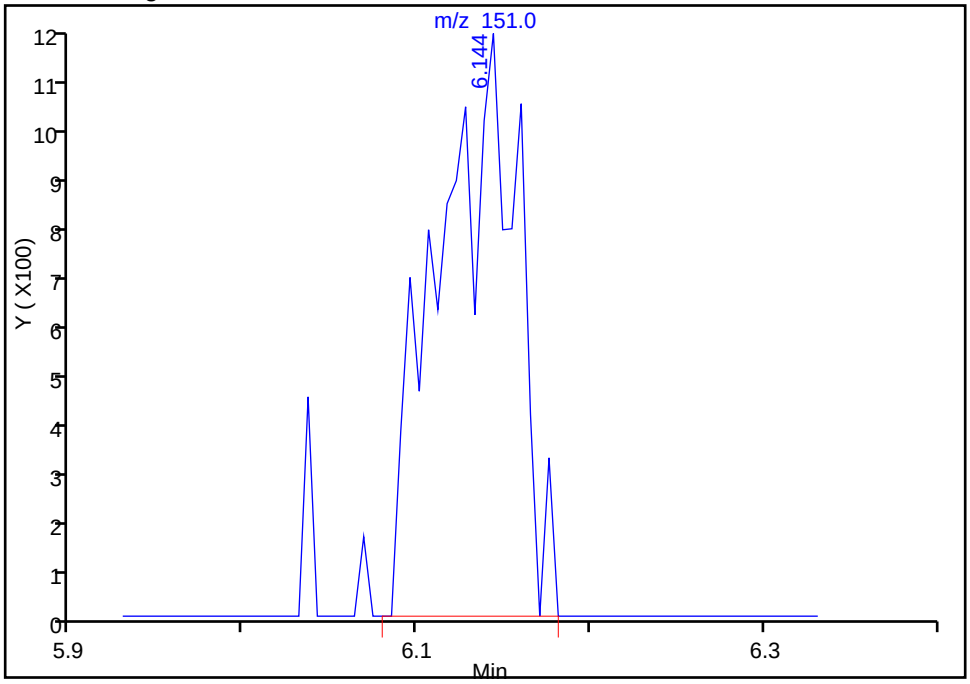
Processing Integration Results

RT: 6.12
Area: 1941
Amount: 0.036156
Amount Units: ppb v/v



Manual Integration Results

RT: 6.14
Area: 3648
Amount: 0.085088
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:07:39
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

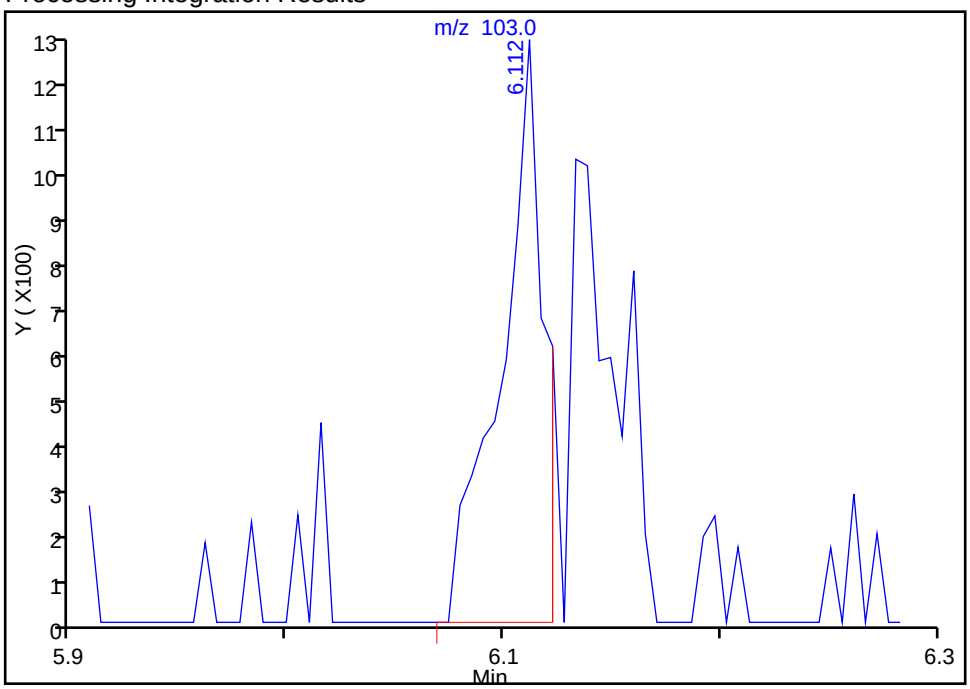
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

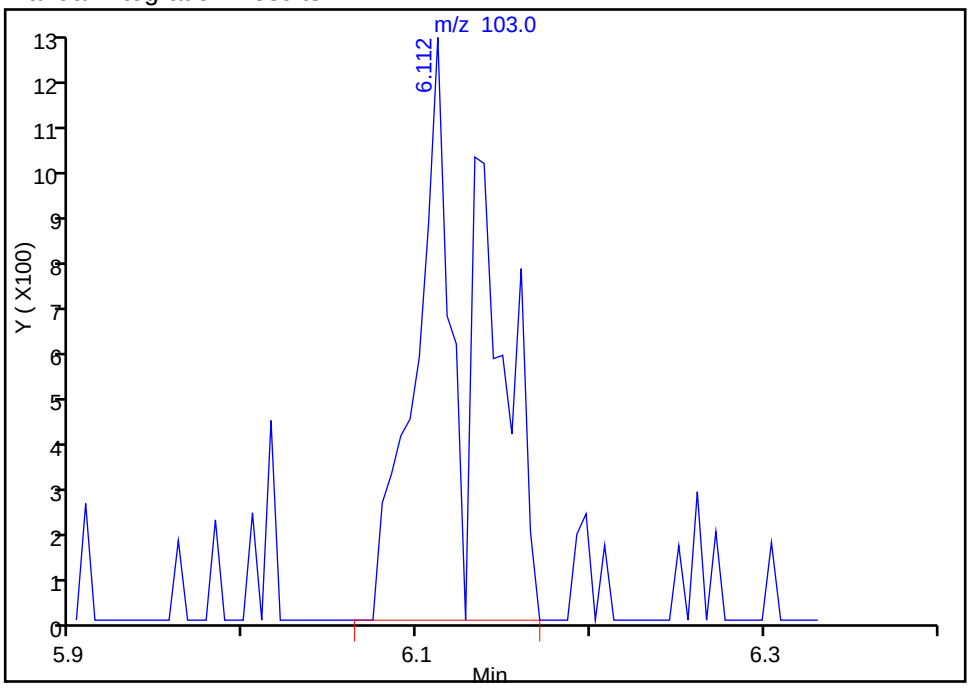
Processing Integration Results

RT: 6.11
Area: 1692
Amount: 0.036156
Amount Units: ppb v/v



Manual Integration Results

RT: 6.11
Area: 3111
Amount: 0.085088
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:07:39
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

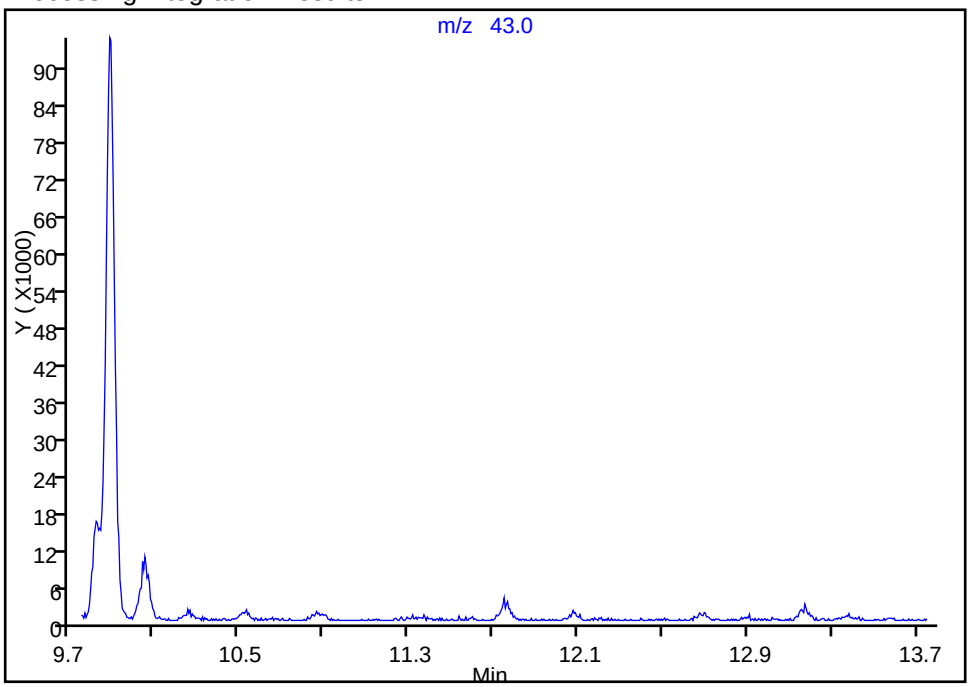
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 n-Heptane, CAS: 142-82-5

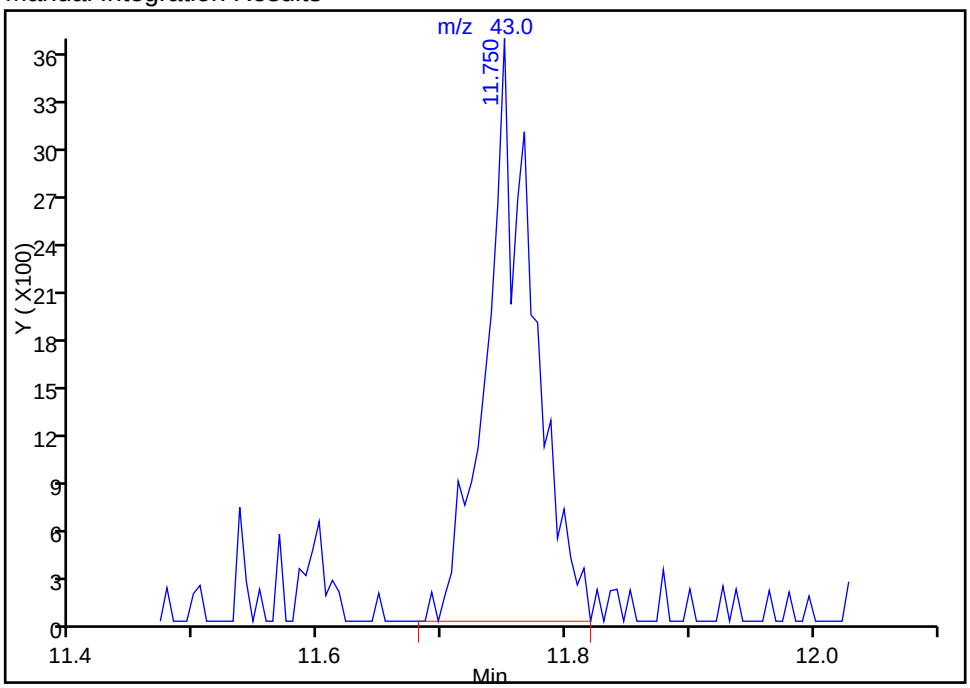
Not Detected
Expected RT: 11.75

Processing Integration Results



Manual Integration Results

RT: 11.75
Area: 9628
Amount: 0.163029
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:07:39
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

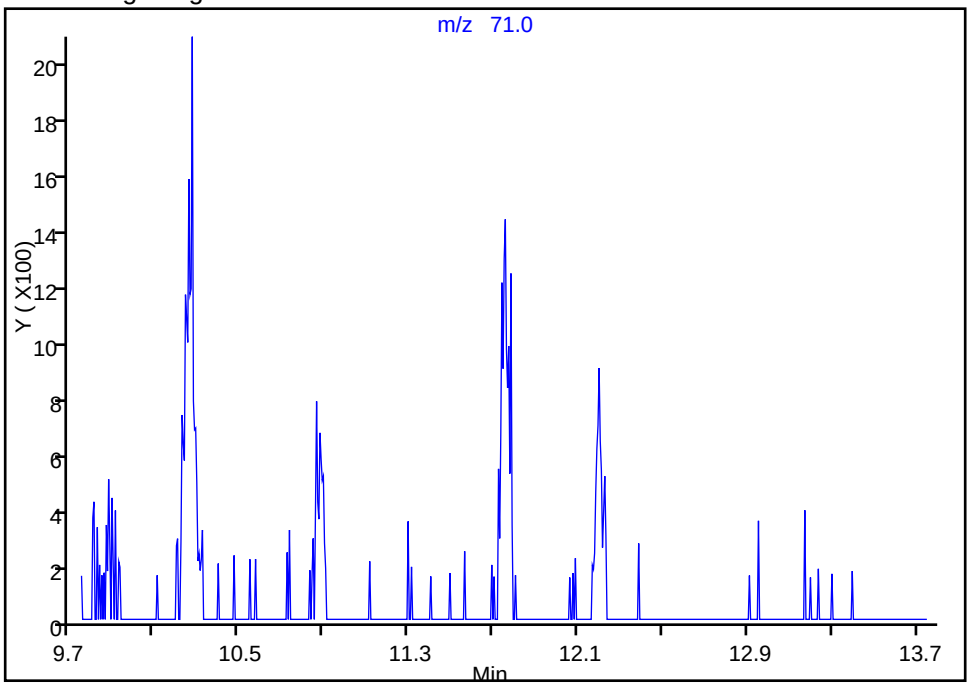
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 n-Heptane, CAS: 142-82-5

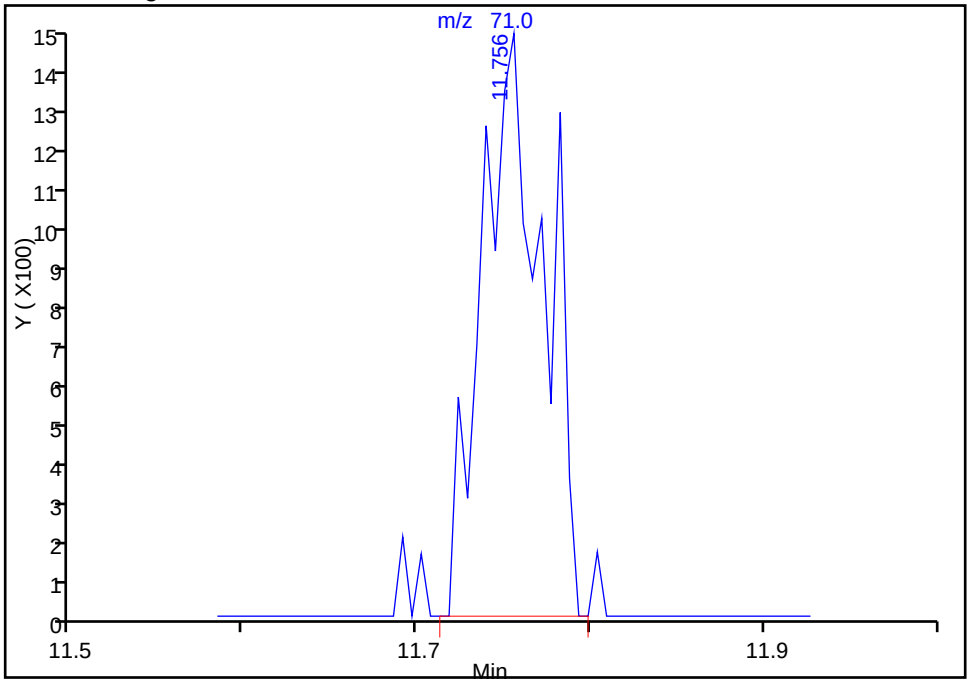
Not Detected
Expected RT: 11.75

Processing Integration Results



Manual Integration Results

RT: 11.76
Area: 3595
Amount: 0.163029
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:07:39
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

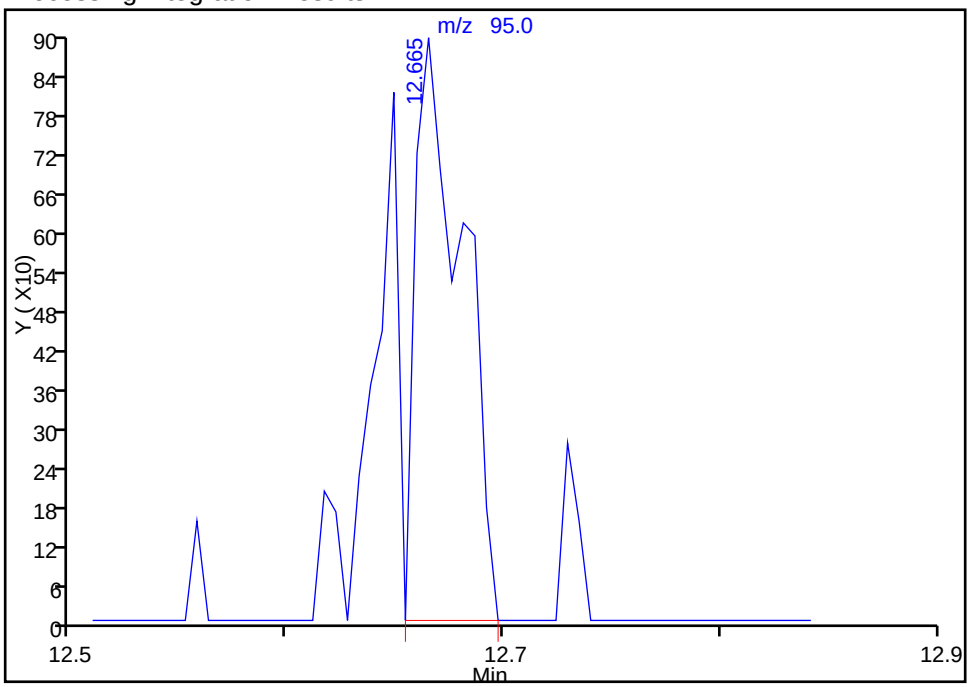
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_12.D				
Injection Date:	02-Feb-2015 18:34:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-22	Lab Sample ID:	200-64806-22		
Client ID:	786VMP0302NA				
Operator ID:	bpl	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Trichloroethene, CAS: 79-01-6

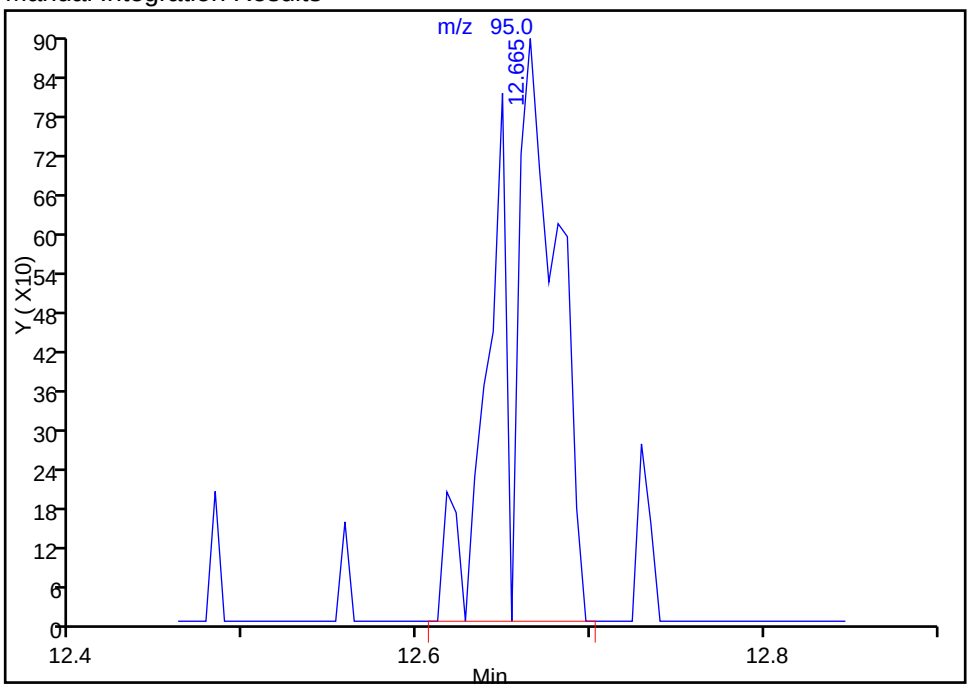
Processing Integration Results

RT: 12.67
Area: 1352
Amount: 0.029172
Amount Units: ppb v/v



Manual Integration Results

RT: 12.67
Area: 2061
Amount: 0.044470
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:07:39
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0102NA Lab Sample ID: 280-64806-23

Matrix: Air Lab File ID: 11879_20a.D

Analysis Method: TO-15 Date Collected: 01/27/2015 15:05

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.48	J	0.50	0.056
75-45-6	Freon 22	86.47	0.19	J	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.20	U	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.045
76-13-1	Freon TF	187.38	0.049	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	1.6	J M	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.88	J	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.030	U	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.14	J M	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0102NA Lab Sample ID: 280-64806-23

Matrix: Air Lab File ID: 11879_20a.D

Analysis Method: TO-15 Date Collected: 01/27/2015 15:05

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.23		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.054	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.16	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.032	J	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.19	J	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.098	J	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0102NA Lab Sample ID: 280-64806-23

Matrix: Air Lab File ID: 11879_20a.D

Analysis Method: TO-15 Date Collected: 01/27/2015 15:05

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0102NA Lab Sample ID: 280-64806-23

Matrix: Air Lab File ID: 11879_20a.D

Analysis Method: TO-15 Date Collected: 01/27/2015 15:05

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.4	J	2.5	0.28
75-45-6	Freon 22	86.47	0.68	J	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	0.48	U	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.25
76-13-1	Freon TF	187.38	0.38	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	3.7	J M	12	1.6
67-63-0	Isopropyl alcohol	60.10	2.2	J	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.19	U	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.43	J M	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0102NA Lab Sample ID: 280-64806-23

Matrix: Air Lab File ID: 11879_20a.D

Analysis Method: TO-15 Date Collected: 01/27/2015 15:05

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.85		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.24	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.69	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.14	J	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.83	J	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.48	J	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0102NA Lab Sample ID: 280-64806-23

Matrix: Air Lab File ID: 11879_20a.D

Analysis Method: TO-15 Date Collected: 01/27/2015 15:05

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D
Lims ID: 280-64806-A-23 Lab Sample ID: 200-64806-23
Client ID: 786VMP0102NA
Sample Type: Client
Inject. Date: 30-Jan-2015 03:06:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011879-020
Misc. Info.: 64806-23
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 02-Feb-2015 08:44:11 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: lyonsb Date: 30-Jan-2015 16:01:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
5 Dichlorodifluoromethane	85	3.224	3.218	0.006	99	86492	0.4842	
6 Chlorodifluoromethane	51	3.267	3.261	0.006	94	19517	0.1936	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.448				ND	
8 Chloromethane	50		3.581				ND	
9 Butane	43		3.763				ND	
10 Vinyl chloride	62		3.800				ND	
11 Butadiene	54		3.875				ND	
12 Bromomethane	94		4.579				ND	
14 Chloroethane	64		4.809				ND	
16 Vinyl bromide	106		5.241				ND	
17 Trichlorofluoromethane	101		5.326				ND	
23 1,1,2-Trichloro-1,2,2-trif	101	6.373	6.372	0.001	55	5586	0.0490	
24 1,1-Dichloroethene	96		6.453				ND	
25 Acetone	43	6.629	6.629	0.000	0	155335	1.57	7M
26 Isopropyl alcohol	45	6.837	6.826	0.011	88	64828	0.8818	
27 Carbon disulfide	76		6.885				ND	
29 3-Chloro-1-propene	41		7.173				ND	
31 Methylene Chloride	49		7.429				ND	
32 2-Methyl-2-propanol	59		7.536				ND	
33 Methyl tert-butyl ether	73		7.765				ND	
34 trans-1,2-Dichloroethene	61		7.840				ND	
36 Hexane	57		8.150				ND	
37 1,1-Dichloroethane	63		8.598				ND	
40 2-Butanone (MEK)	72		9.495				ND	
39 cis-1,2-Dichloroethene	96		9.500				ND	
43 Tetrahydrofuran	42		9.868				ND	
* 44 Chlorobromomethane	128	9.874	9.874	0.000	85	570268	10.0	
45 Chloroform	83		9.943				ND	
S 42 1,2-Dichloroethene, Total	61		10.000				ND	
46 Cyclohexane	84		10.199				ND	
47 1,1,1-Trichloroethane	97		10.199				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
48 Carbon tetrachloride	117		10.391				ND	
49 Isooctane	57		10.663				ND	
50 Benzene	78	10.738	10.733	0.005	64	22673	0.1351	M
51 1,2-Dichloroethane	62		10.839				ND	
52 n-Heptane	43		10.920				ND	
* 54 1,4-Difluorobenzene	114	11.272	11.272	0.000	94	2782699	10.0	
57 Trichloroethene	95		11.640				ND	
58 1,2-Dichloropropane	63		12.024				ND	
59 Methyl methacrylate	69		12.051				ND	
60 1,4-Dioxane	88		12.147				ND	
62 Dichlorobromomethane	83		12.377				ND	
64 cis-1,3-Dichloropropene	75		13.006				ND	
65 4-Methyl-2-pentanone (MIBK	43		13.150				ND	
68 Toluene	92	13.428	13.433	-0.005	93	28403	0.2254	
70 trans-1,3-Dichloropropene	75		13.796				ND	
71 1,1,2-Trichloroethane	83		14.074				ND	
72 Tetrachloroethene	166		14.191				ND	
73 2-Hexanone	43		14.324				ND	
74 Chlorodibromomethane	129		14.618				ND	
75 Ethylene Dibromide	107		14.821				ND	
* 76 Chlorobenzene-d5	117	15.371	15.371	0.000	87	2429072	10.0	
77 Chlorobenzene	112		15.408				ND	
79 Ethylbenzene	91	15.467	15.472	-0.005	64	16545	0.0543	
80 m-Xylene & p-Xylene	106	15.616	15.616	0.000	0	18375	0.1578	
S 81 Xylenes, Total	106				0		0.1899	
82 o-Xylene	106	16.134	16.128	0.006	37	3651	0.0321	
83 Styrene	104		16.150				ND	
84 Bromoform	173		16.449				ND	
85 Isopropylbenzene	105		16.529				ND	
$ 86 4-Bromofluorobenzene	95	16.790	16.795	-0.005	94	1723603	NC	
87 1,1,2,2-Tetrachloroethane	83		16.945				ND	
88 N-Propylbenzene	91		17.009				ND	
91 4-Ethyltoluene	105		17.132				ND	
92 2-Chlorotoluene	91		17.180				ND	
93 1,3,5-Trimethylbenzene	105		17.196				ND	
95 tert-Butylbenzene	119		17.580				ND	
96 1,2,4-Trimethylbenzene	105	17.650	17.649	0.001	95	30675	0.0981	
97 sec-Butylbenzene	105		17.842				ND	
98 4-Isopropyltoluene	119		17.991				ND	
99 1,3-Dichlorobenzene	146		18.076				ND	
100 1,4-Dichlorobenzene	146		18.188				ND	
101 Benzyl chloride	91		18.349				ND	
103 n-Butylbenzene	91		18.509				ND	
104 1,2-Dichlorobenzene	146		18.690				ND	
107 1,2,4-Trichlorobenzene	180		21.102				ND	
108 Hexachlorobutadiene	225		21.262				ND	
109 Naphthalene	128		21.609				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

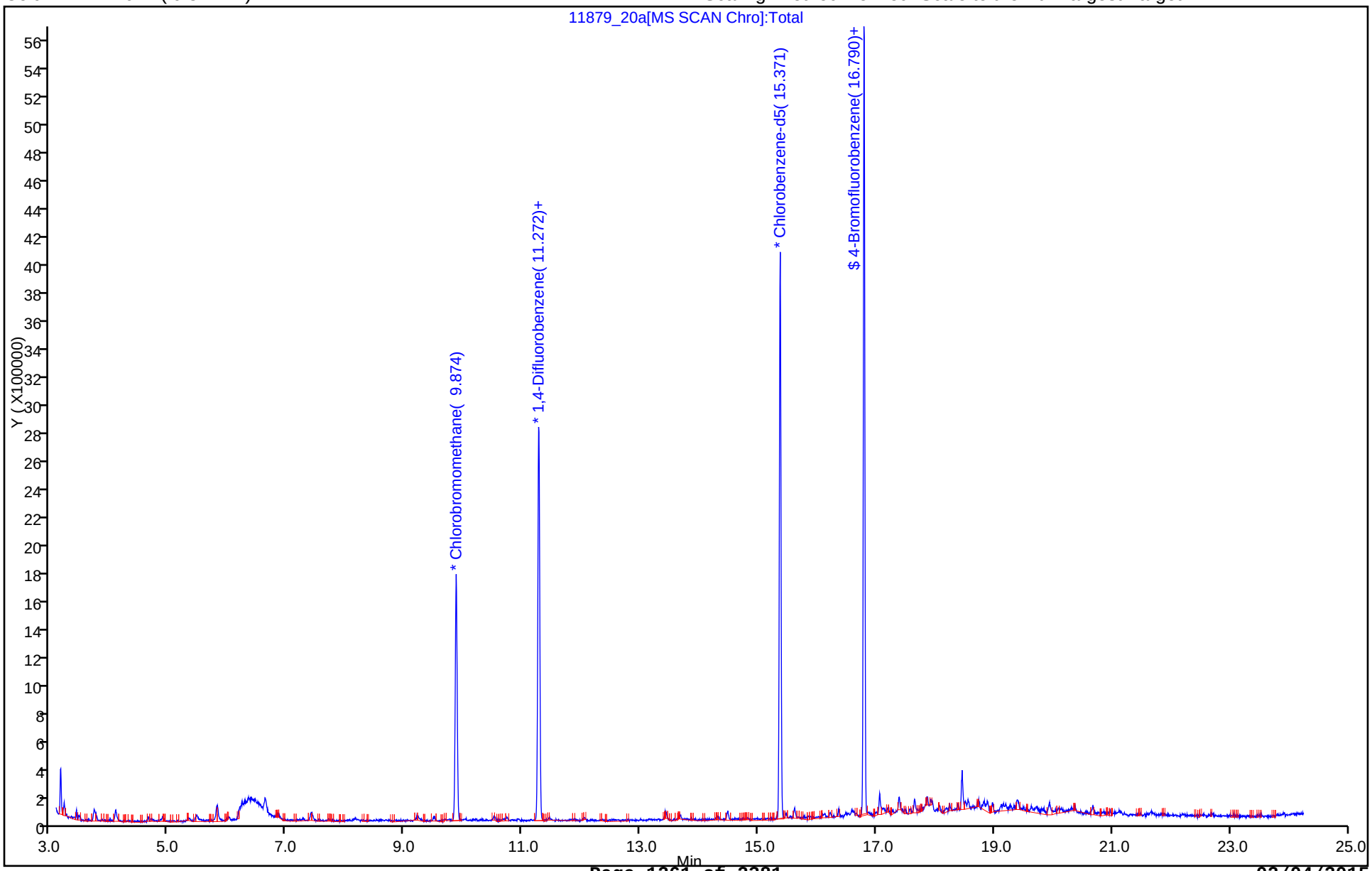
Report Date: 02-Feb-2015 08:44:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D

Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23	Worklist Smp#:	20
Client ID:	786VMP0102NA				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



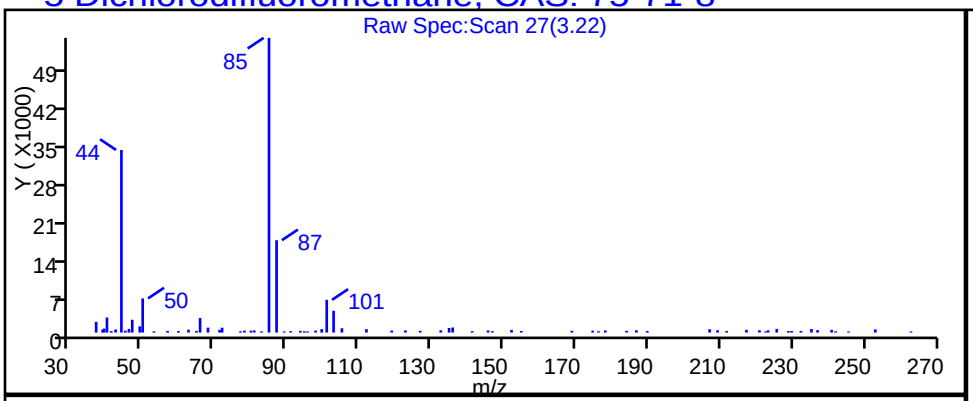
Report Date: 02-Feb-2015 08:44:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

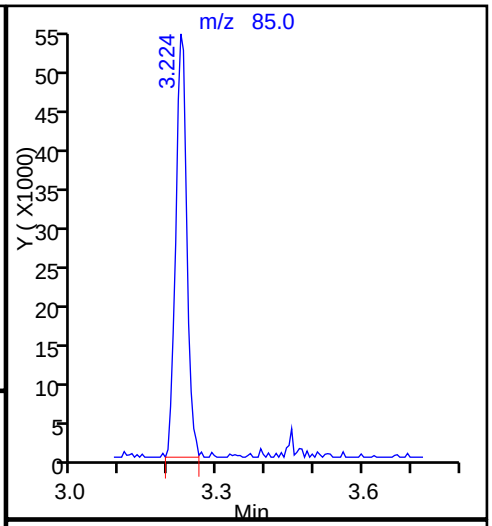
TestAmerica Burlington

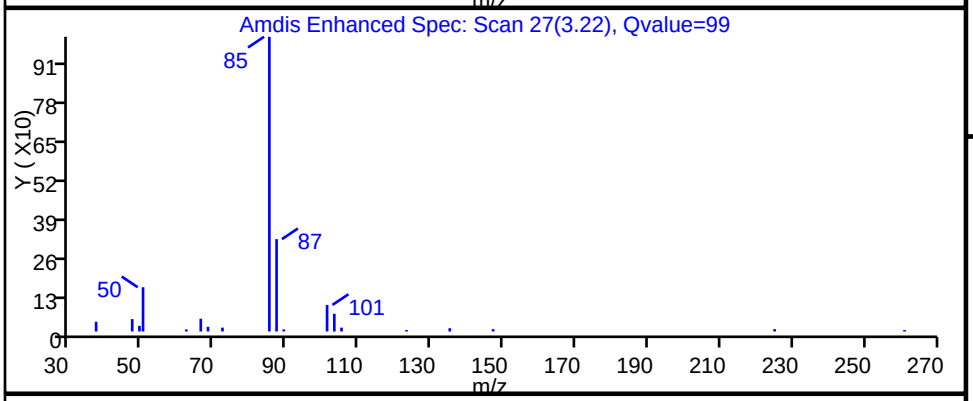
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D

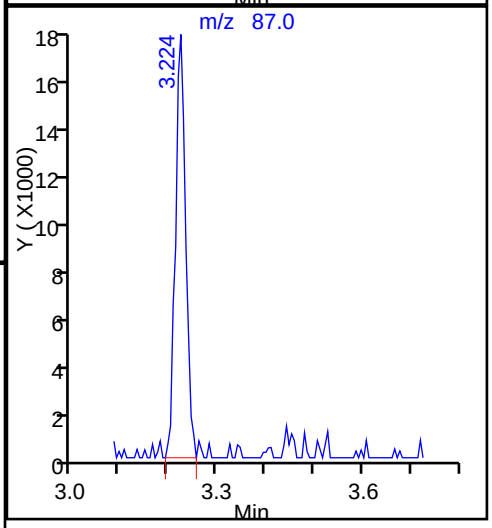
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23
Client ID:	786VMP0102NA		
Operator ID:	pad	ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

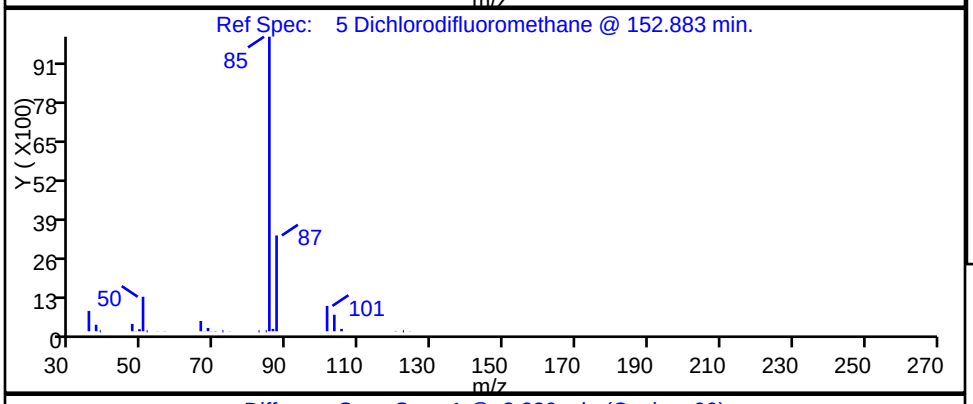
5 Dichlorodifluoromethane, CAS: 75-71-8

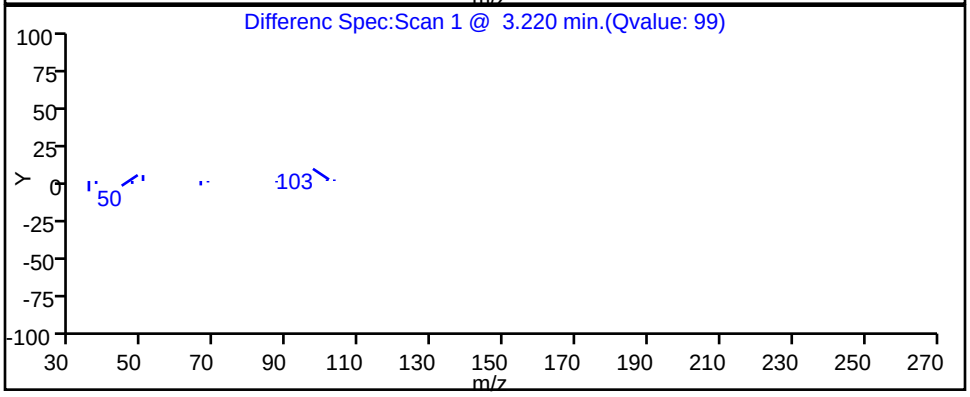








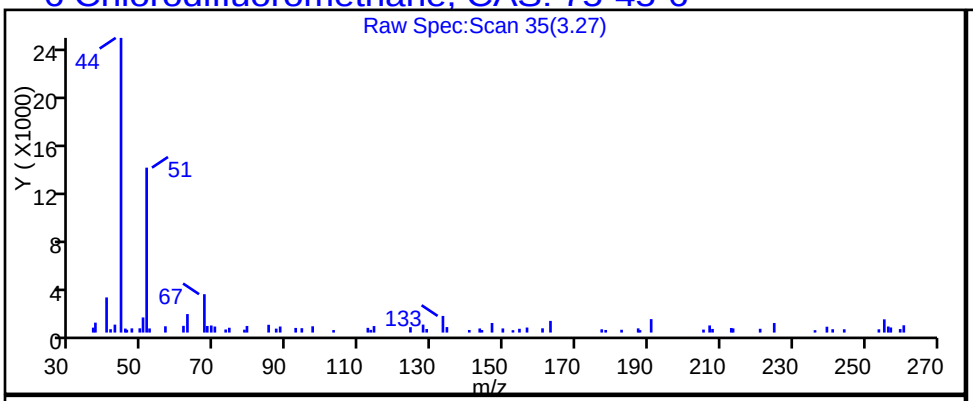


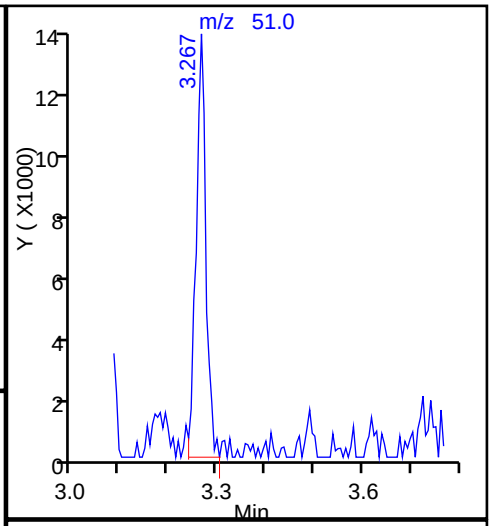


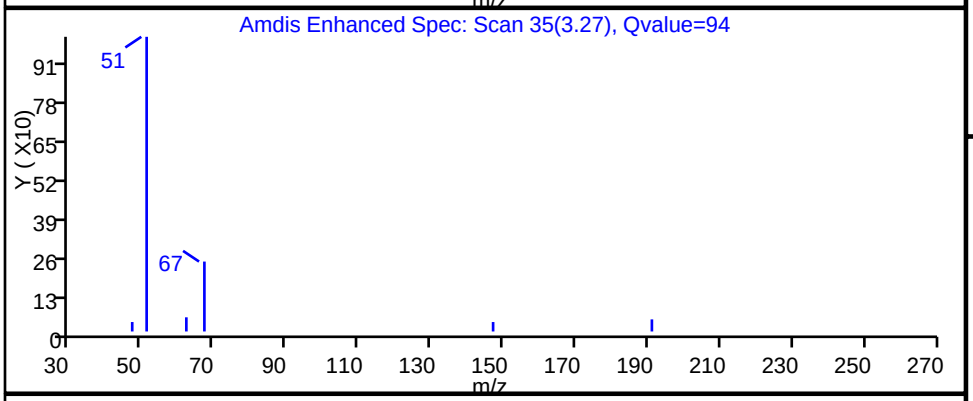
TestAmerica Burlington

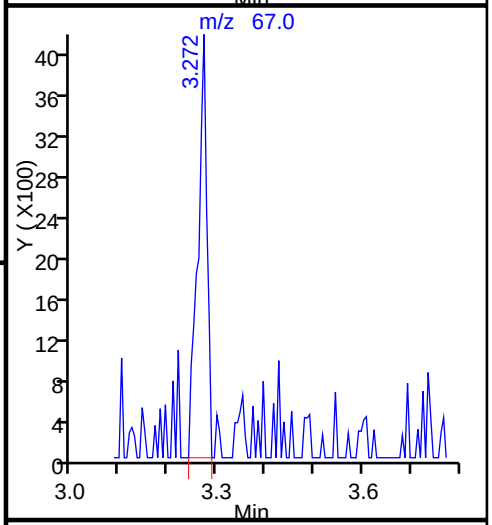
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D				
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

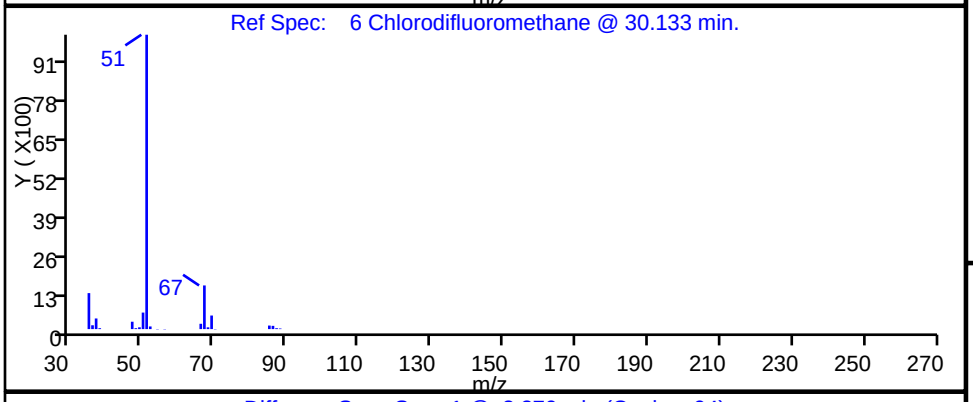
6 Chlorodifluoromethane, CAS: 75-45-6

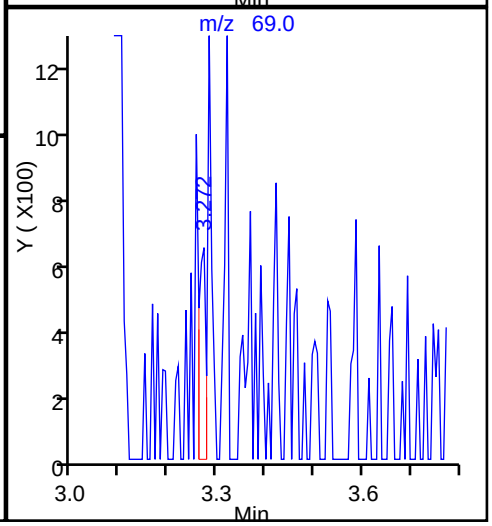


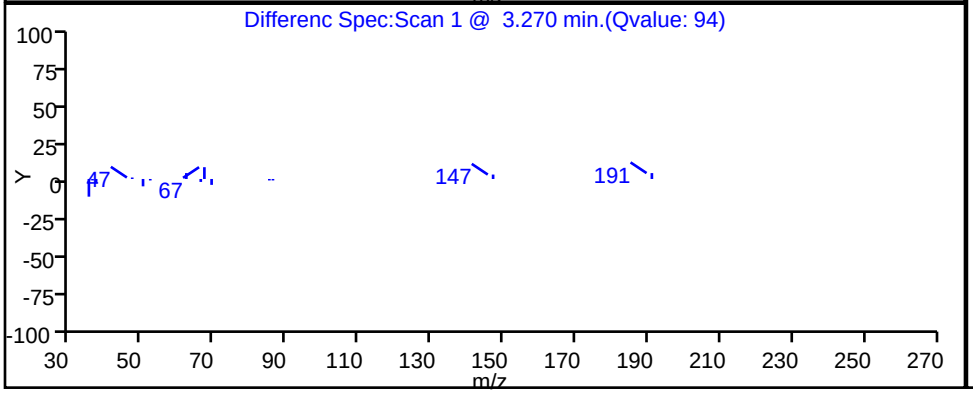








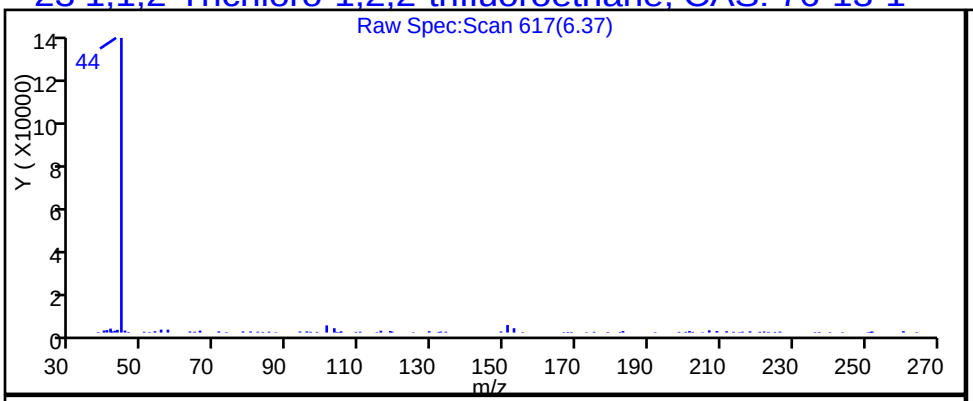


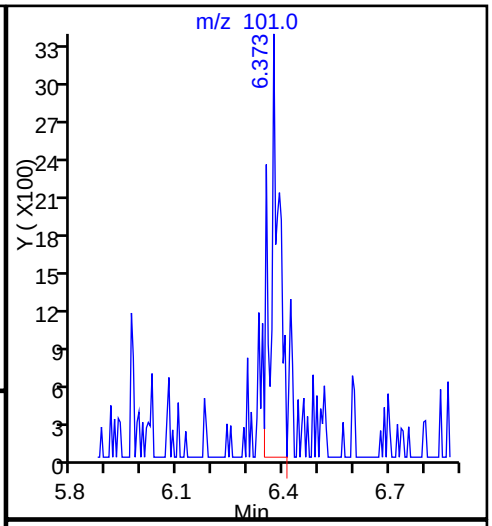


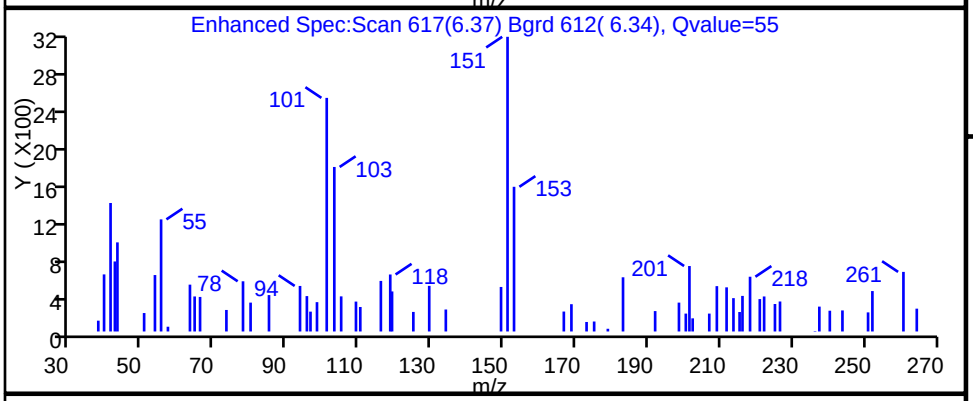
TestAmerica Burlington

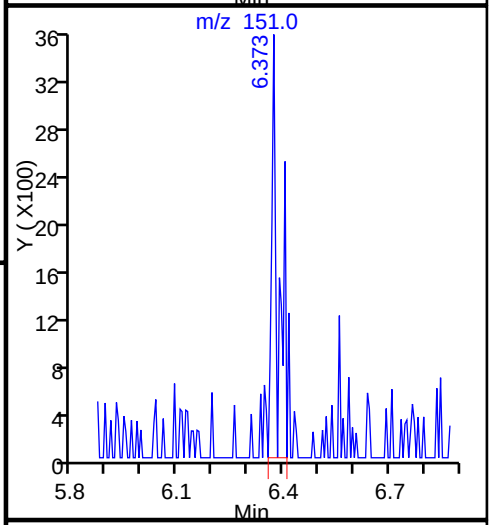
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D				
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

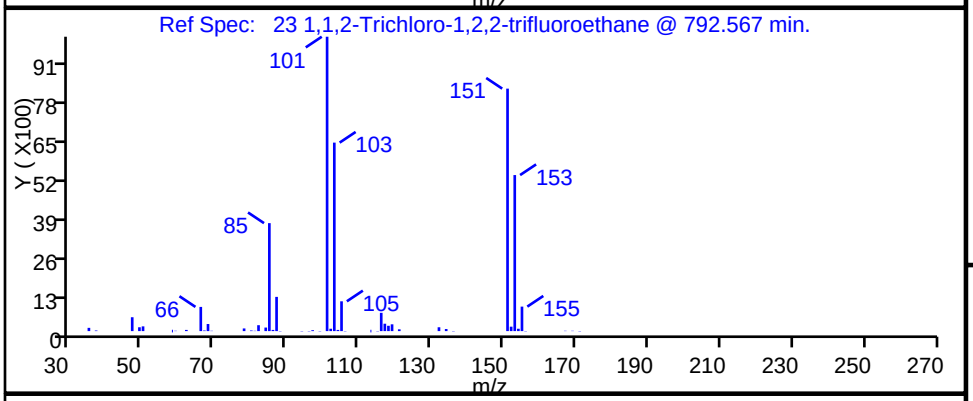
23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

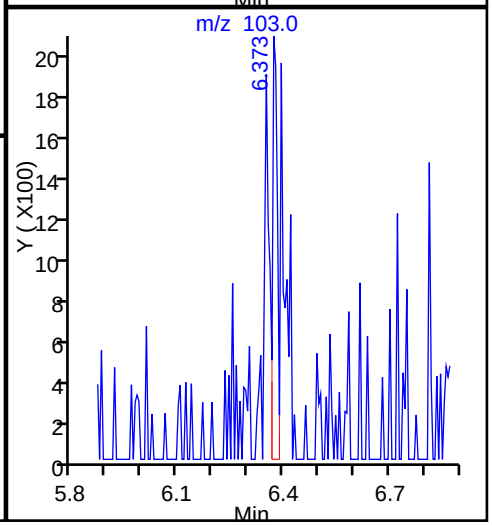


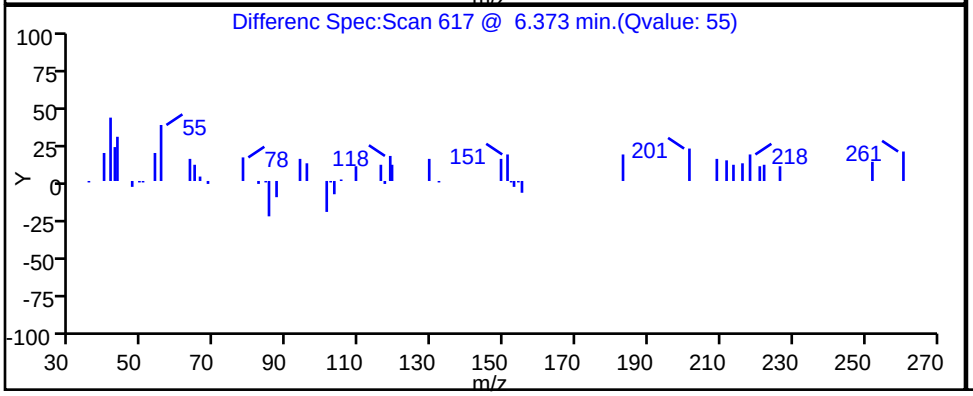










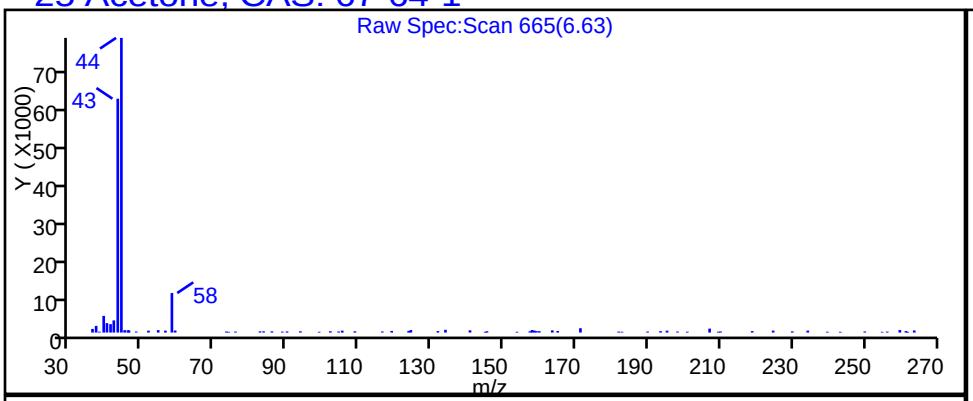


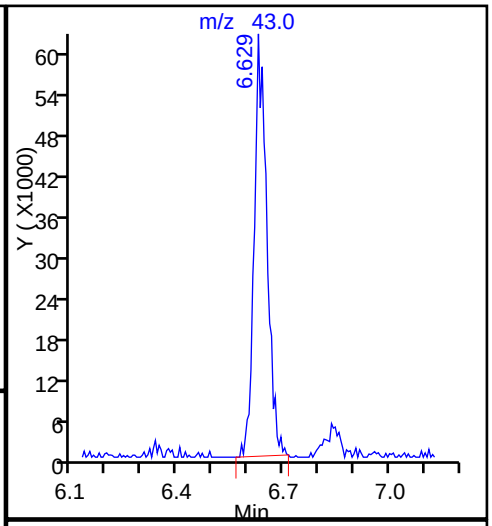
Report Date: 02-Feb-2015 08:44:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

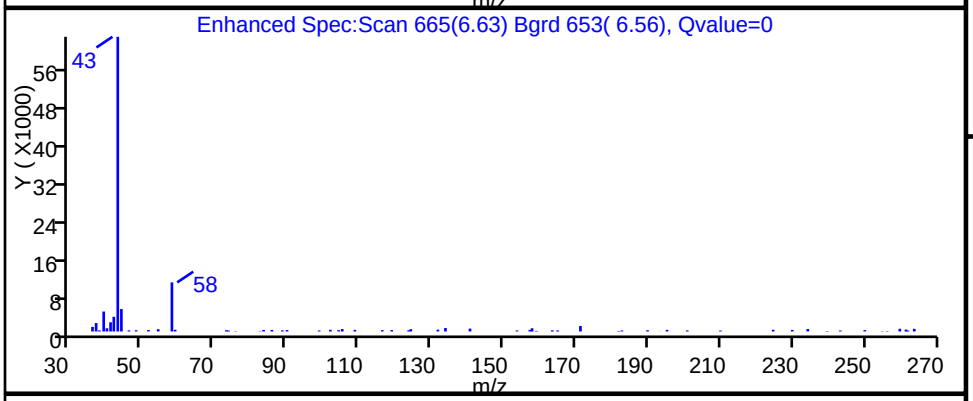
TestAmerica Burlington

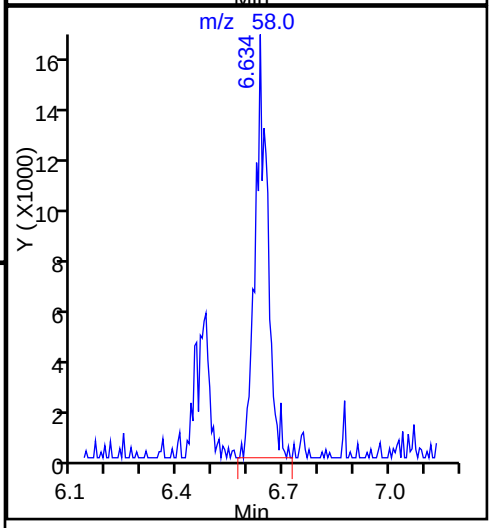
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D				
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

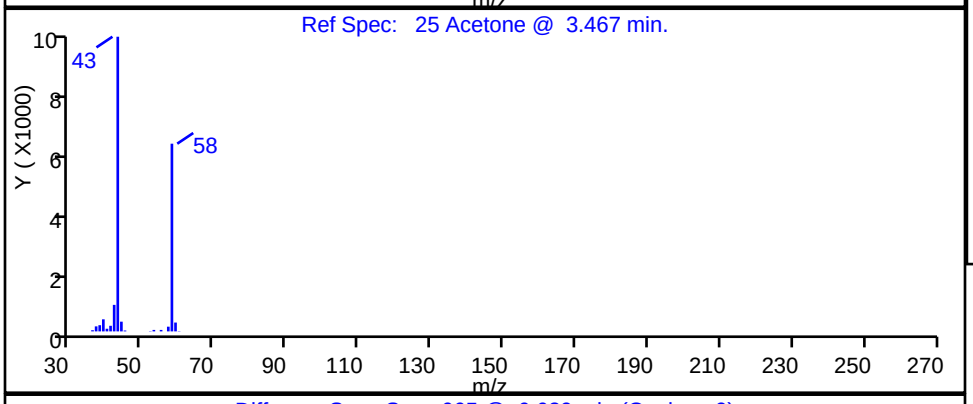
25 Acetone, CAS: 67-64-1

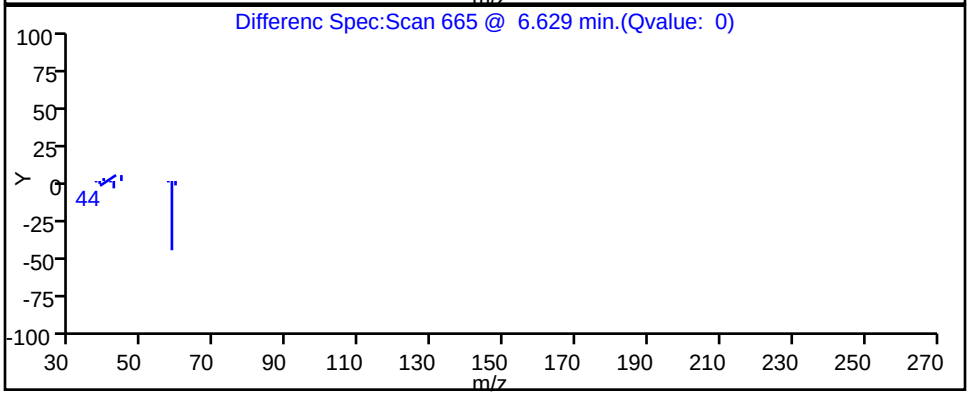












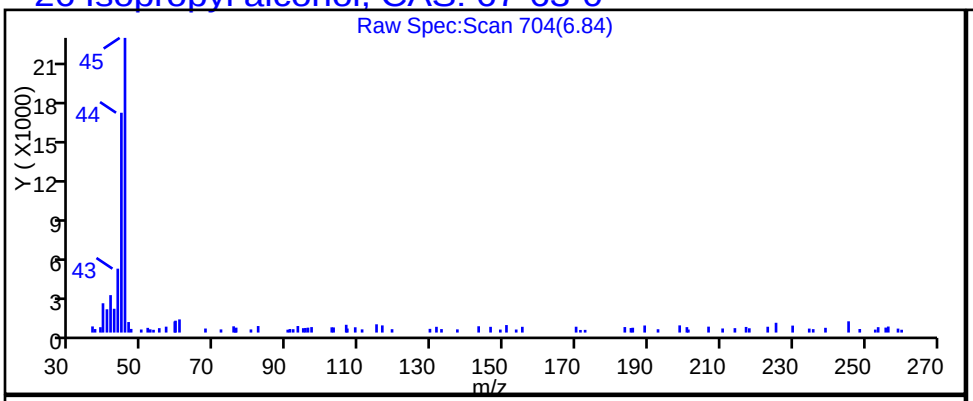
Report Date: 02-Feb-2015 08:44:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

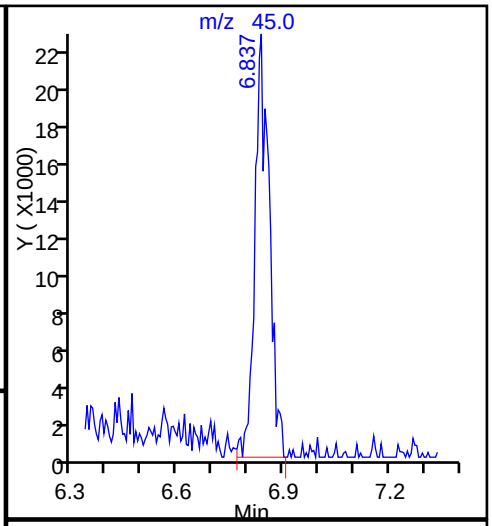
TestAmerica Burlington

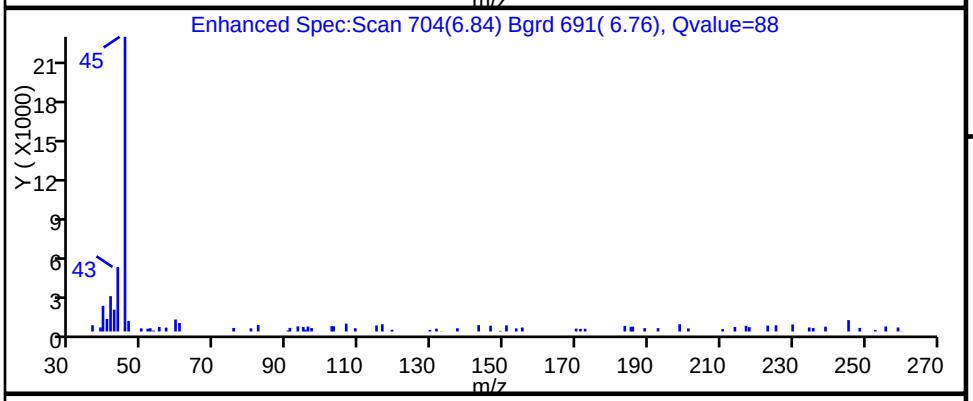
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D

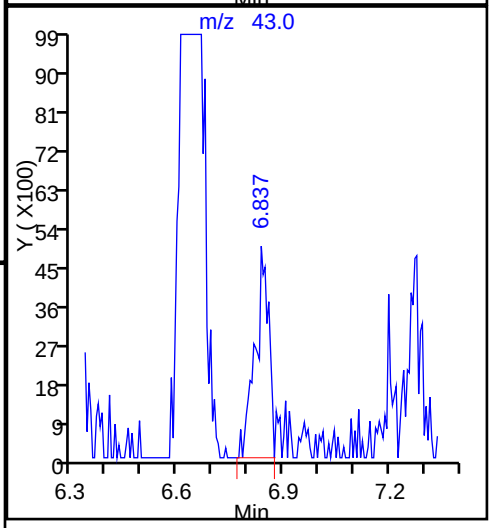
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

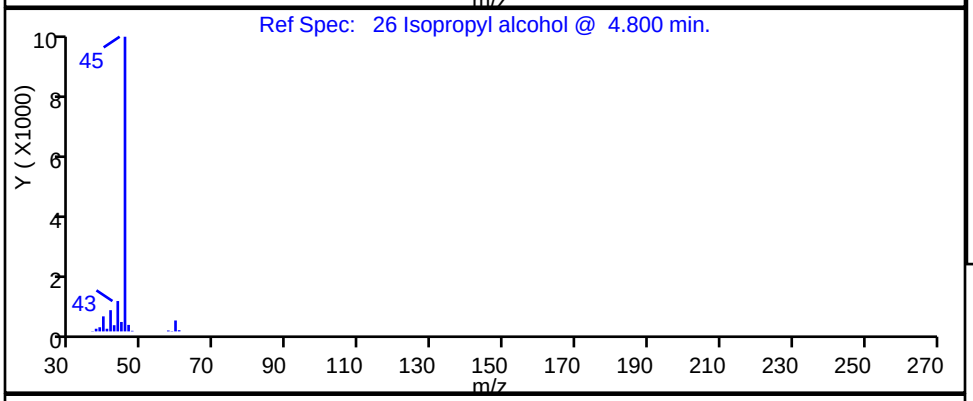
26 Isopropyl alcohol, CAS: 67-63-0

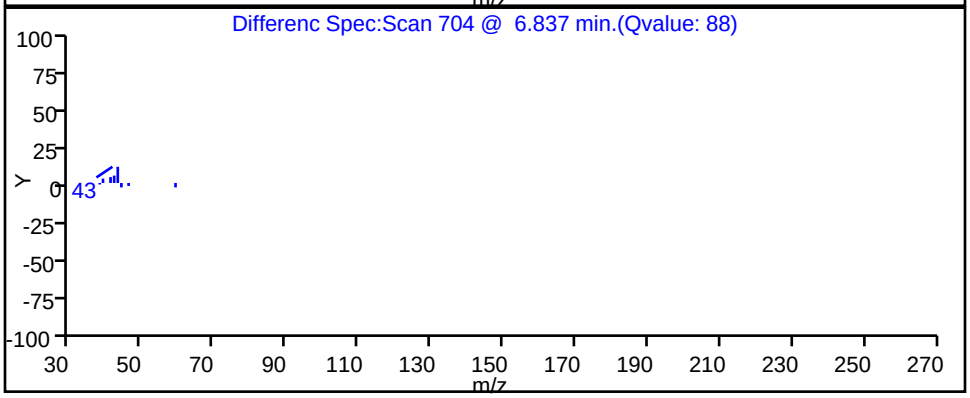










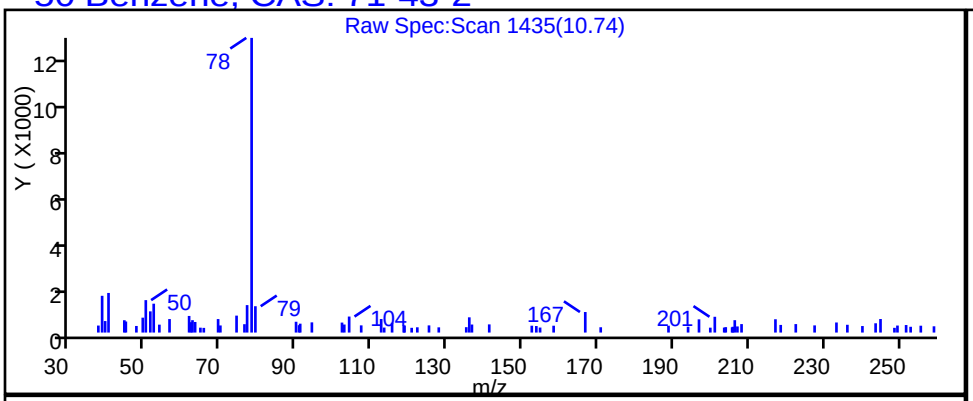


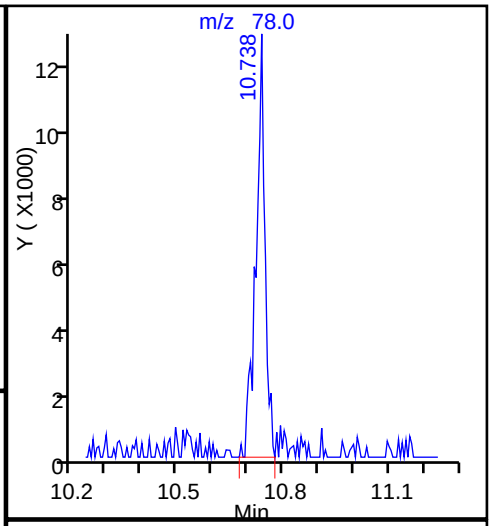
Report Date: 02-Feb-2015 08:44:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

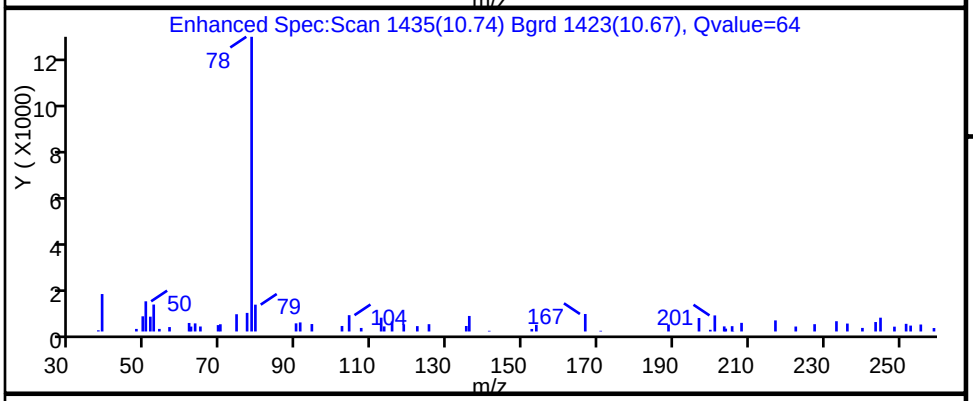
TestAmerica Burlington

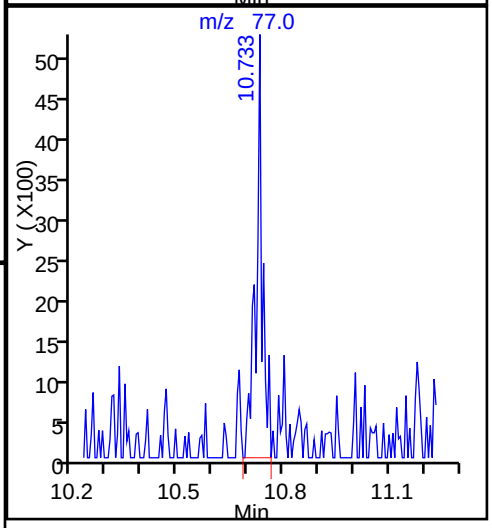
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D				
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

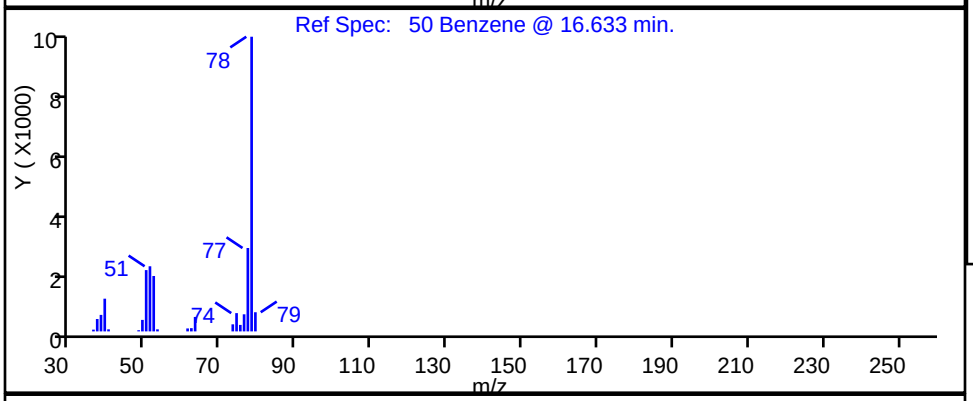
50 Benzene, CAS: 71-43-2

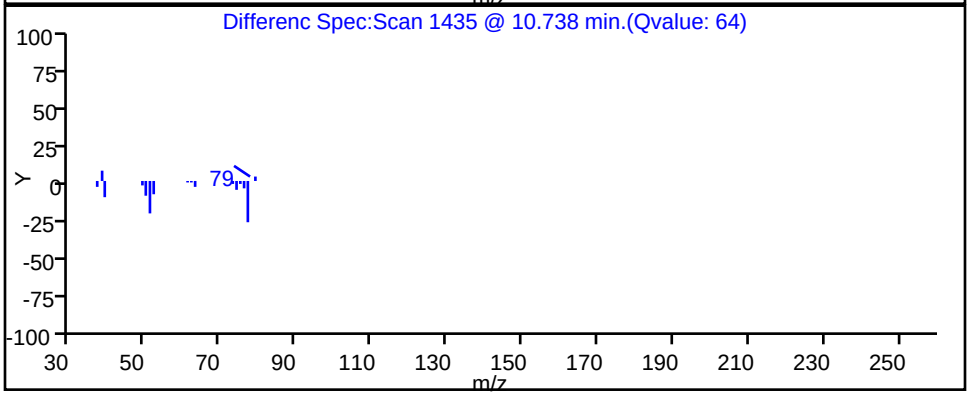








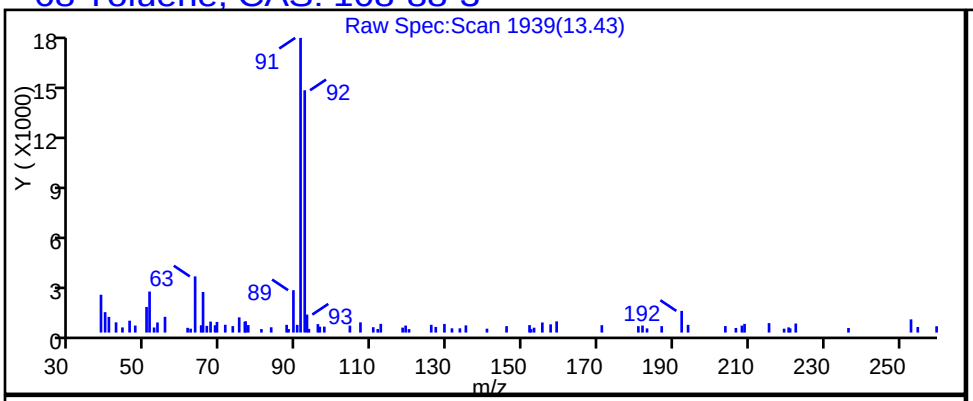


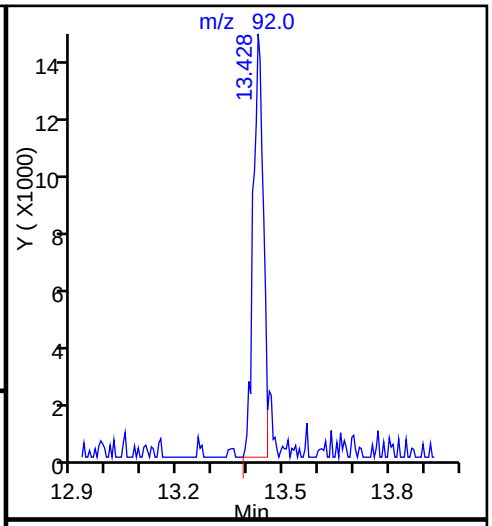


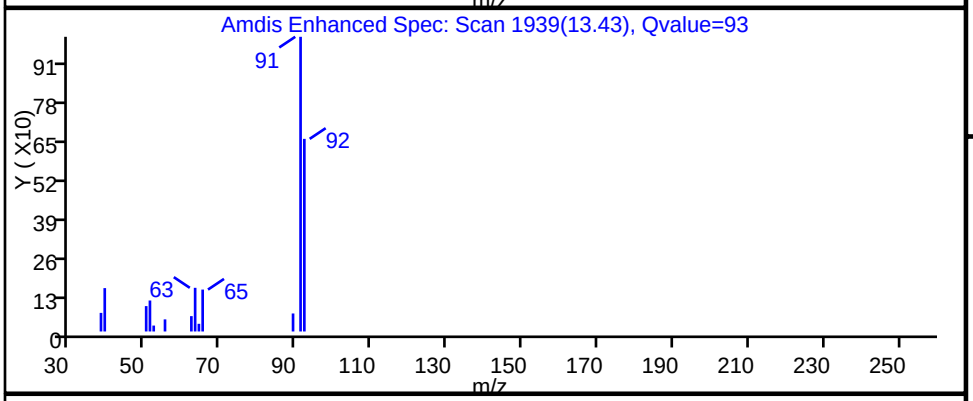
TestAmerica Burlington

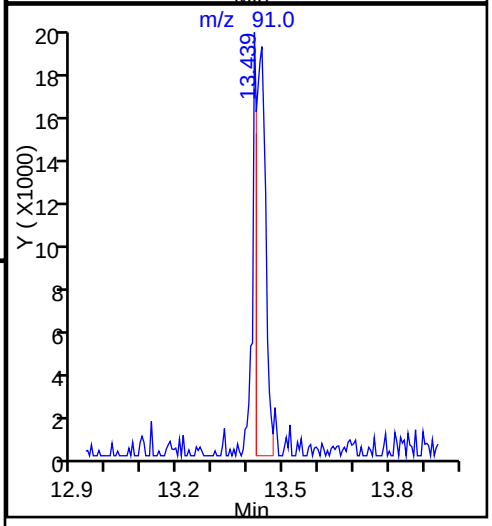
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D				
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

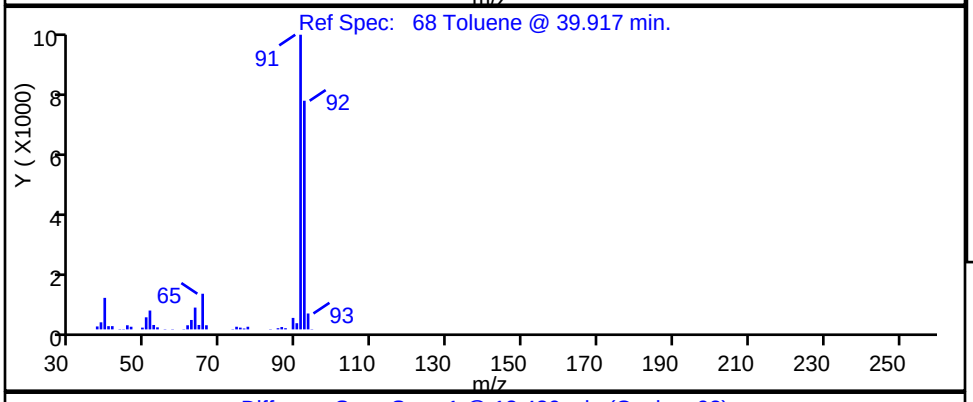
68 Toluene, CAS: 108-88-3

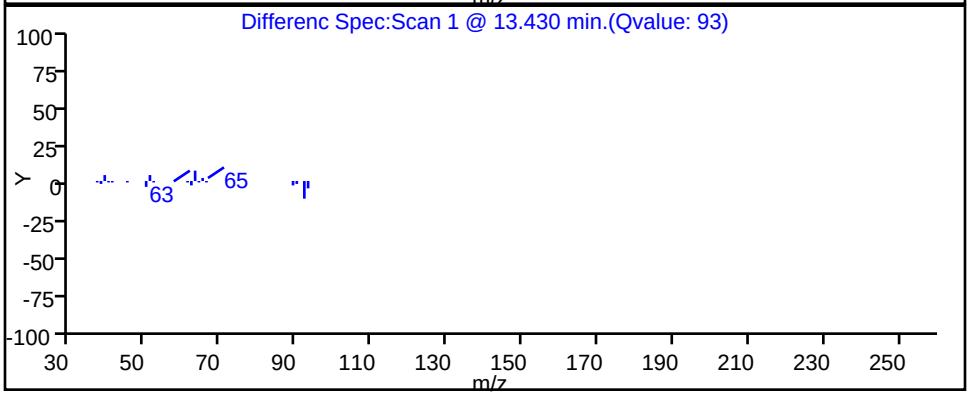












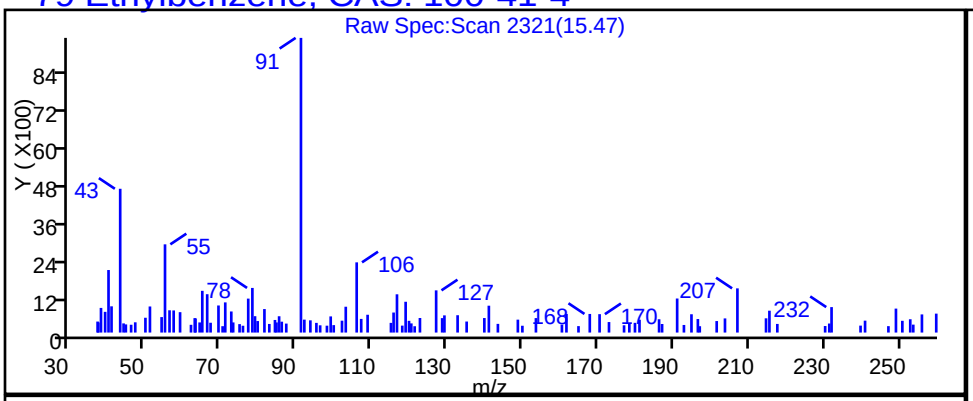
Report Date: 02-Feb-2015 08:44:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

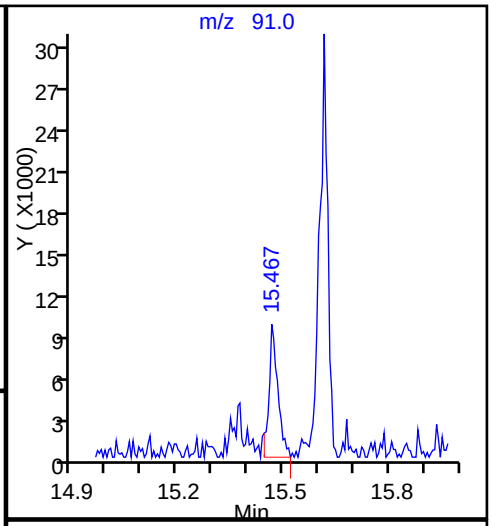
TestAmerica Burlington

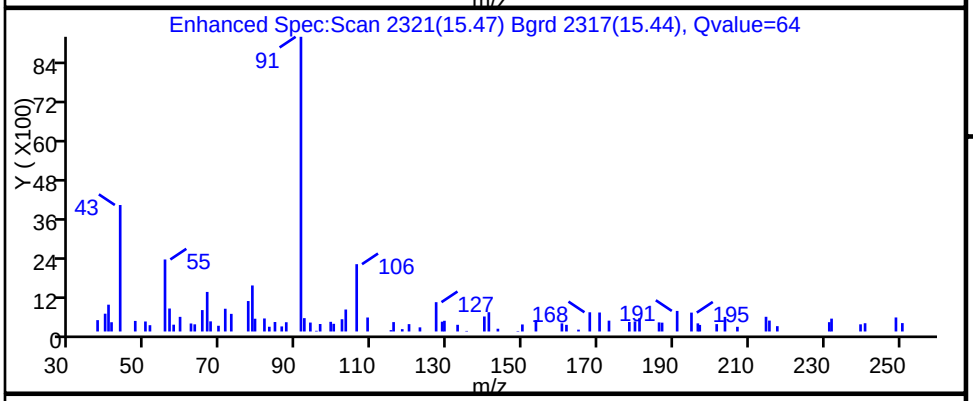
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D

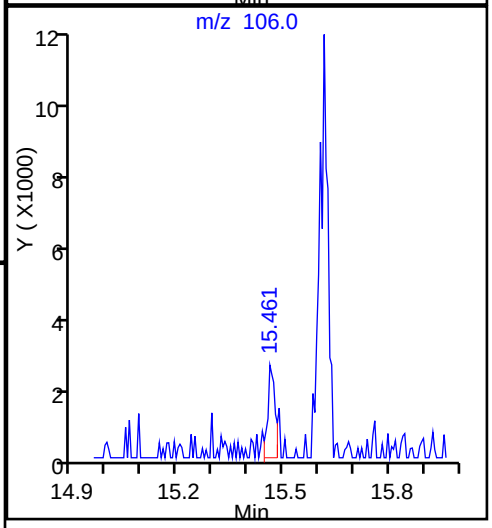
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

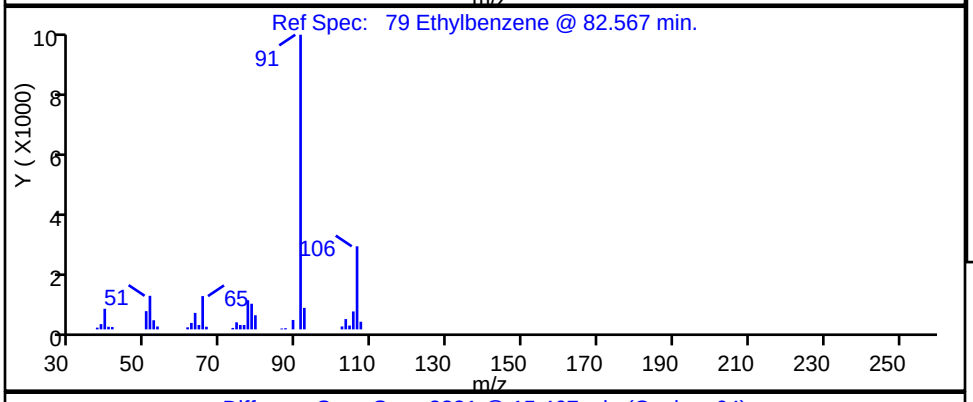
79 Ethylbenzene, CAS: 100-41-4

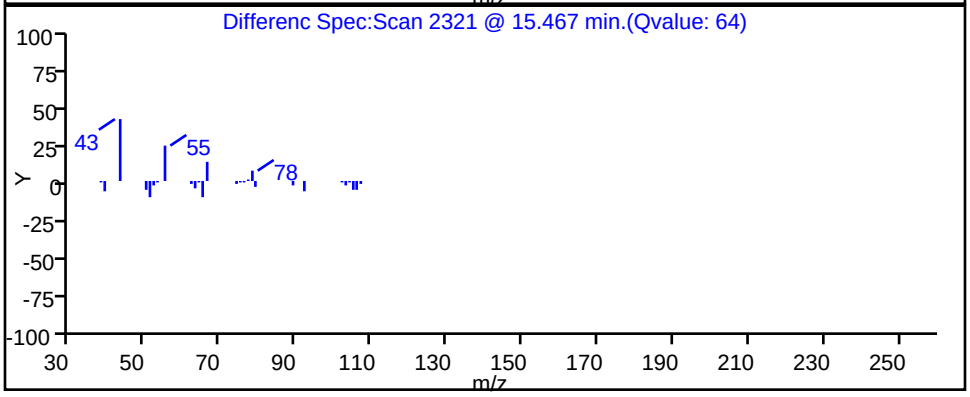










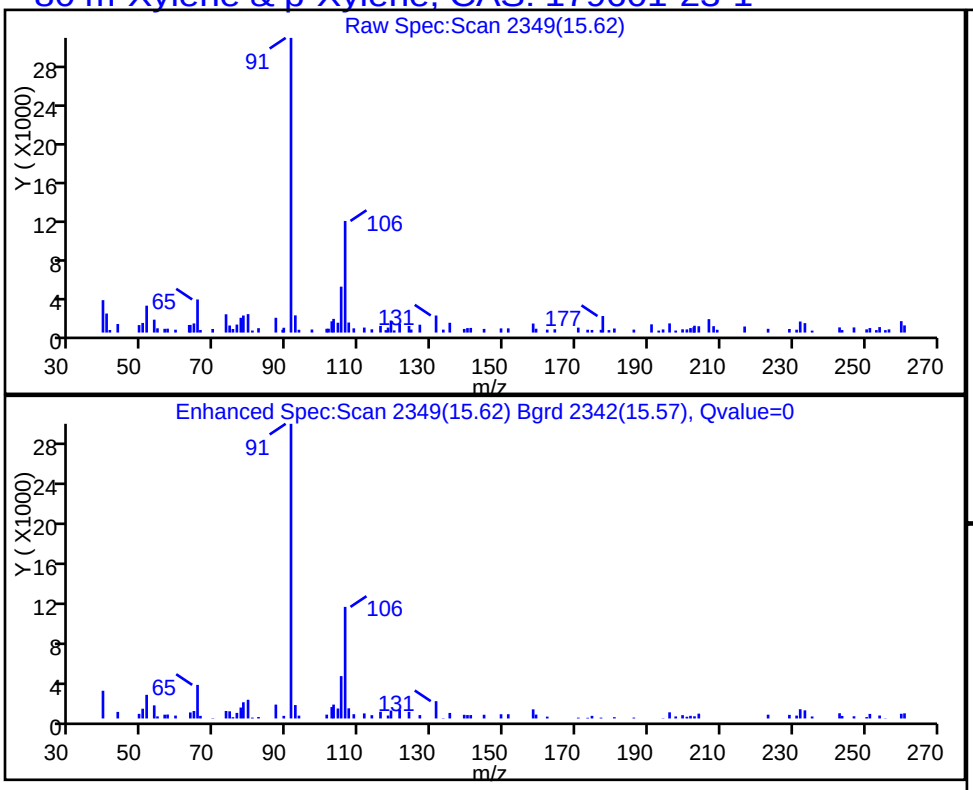


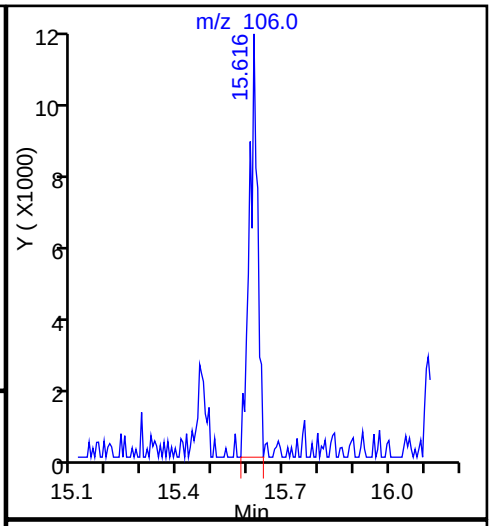
Report Date: 02-Feb-2015 08:44:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

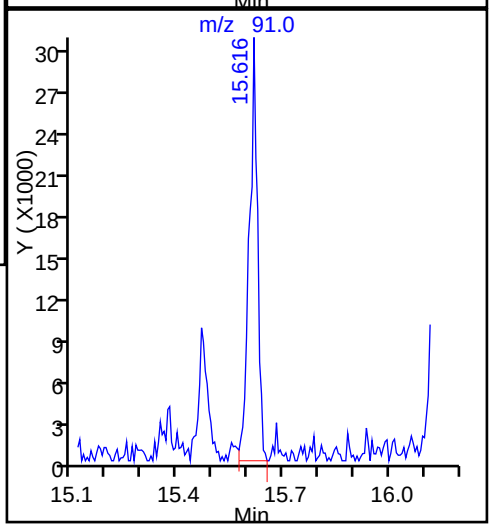
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D				
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 m-Xylene & p-Xylene, CAS: 179601-23-1







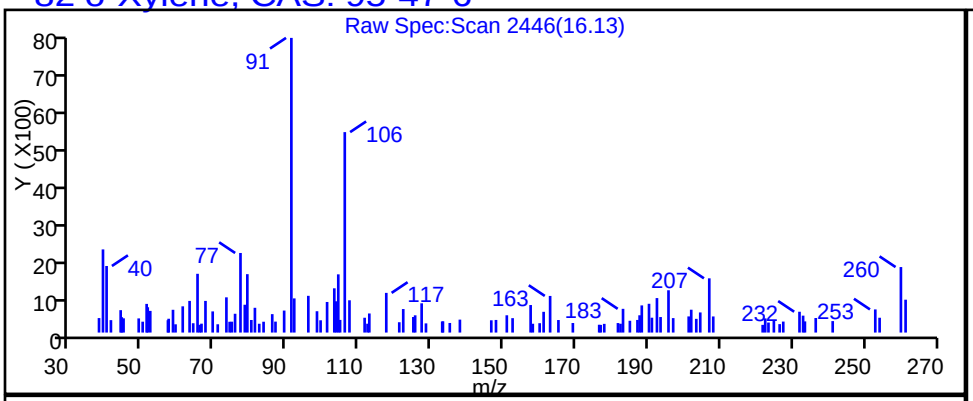
Report Date: 02-Feb-2015 08:44:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

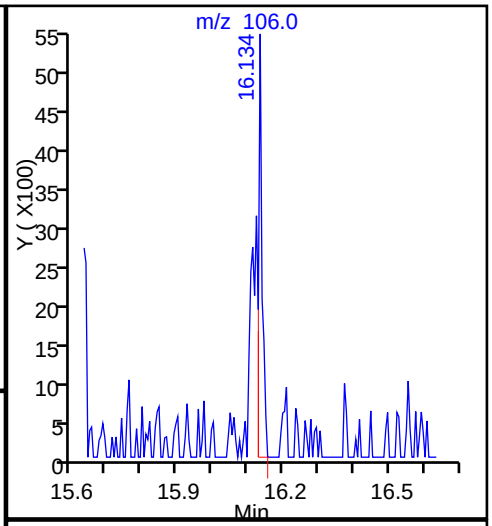
TestAmerica Burlington

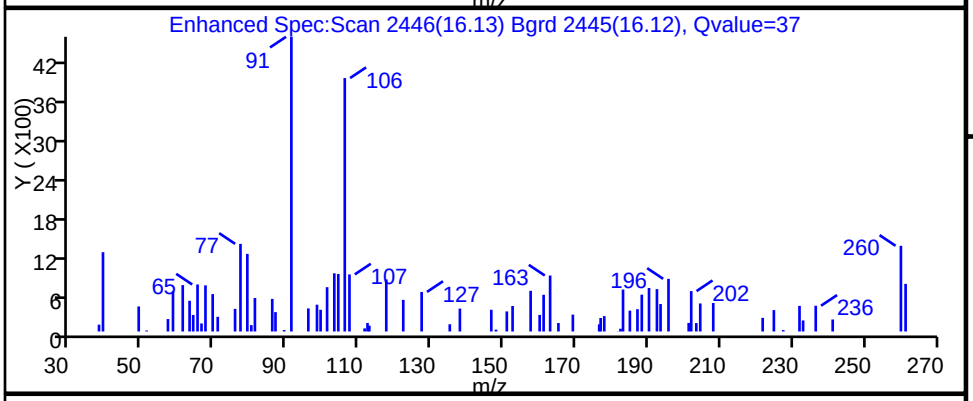
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D

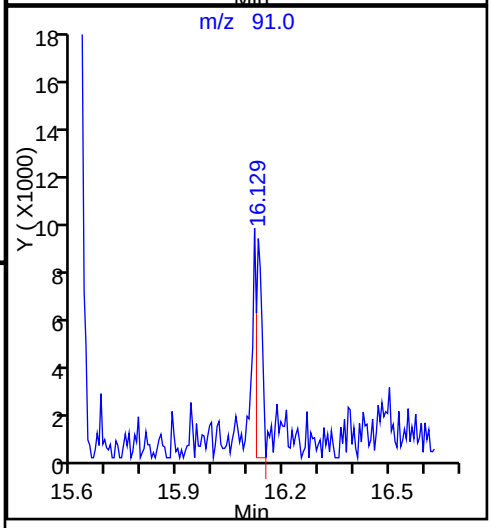
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

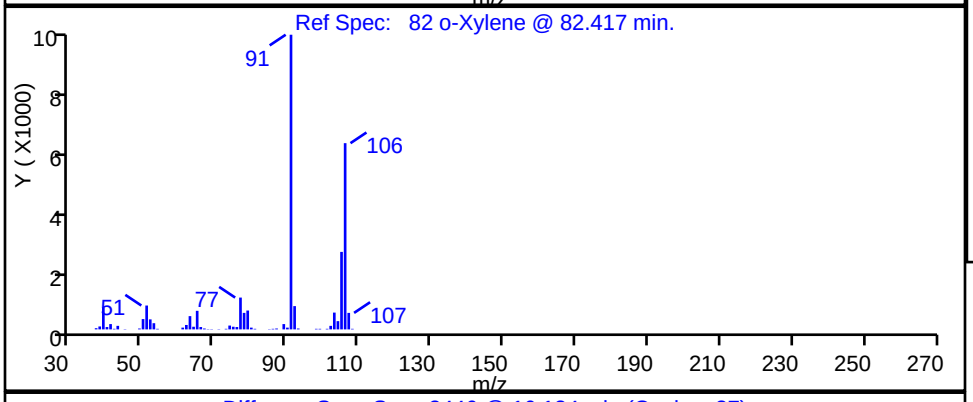
82 o-Xylene, CAS: 95-47-6

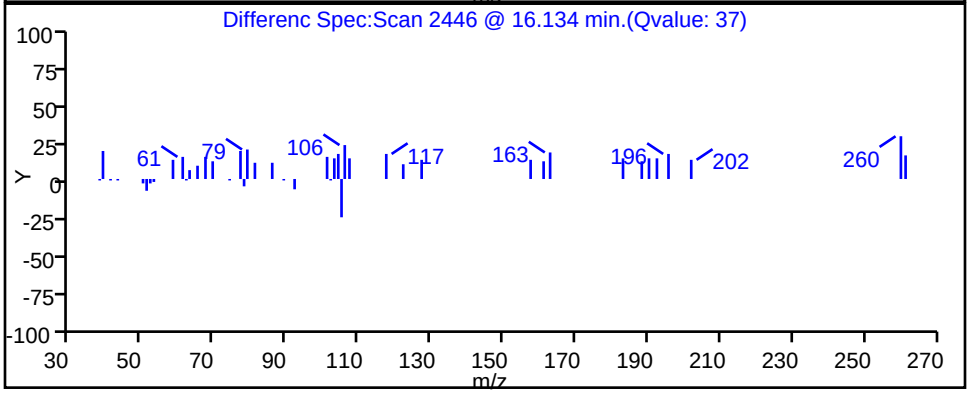








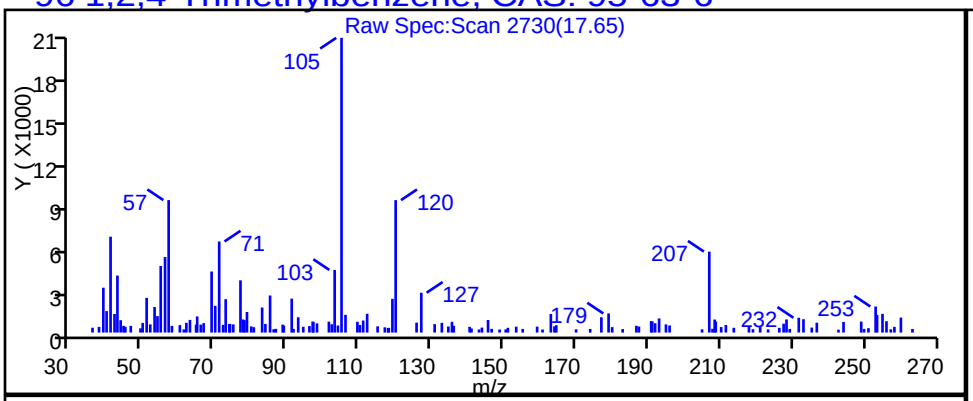


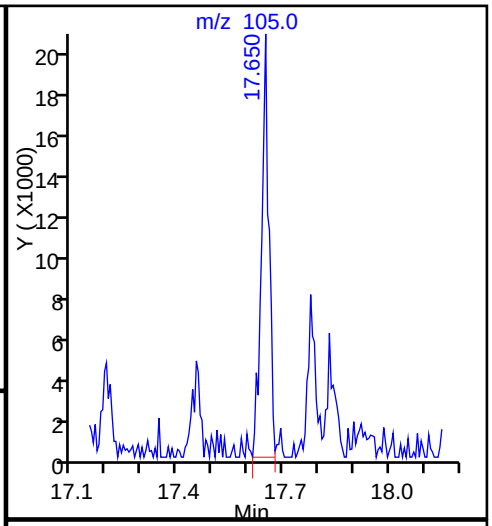


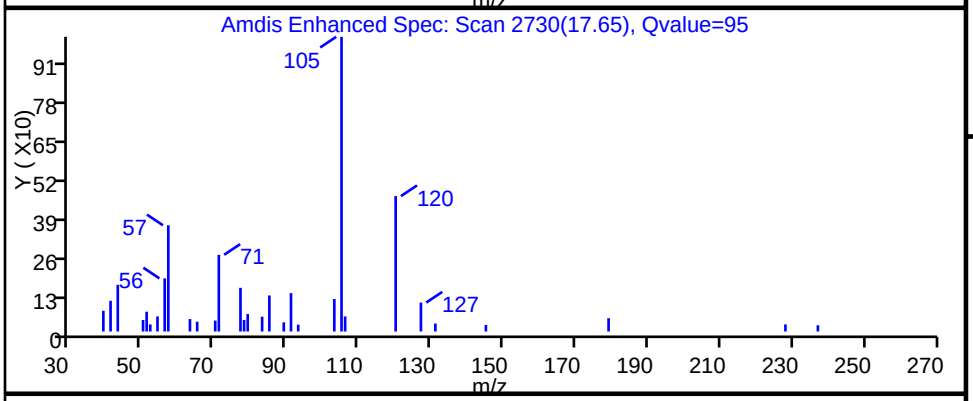
TestAmerica Burlington

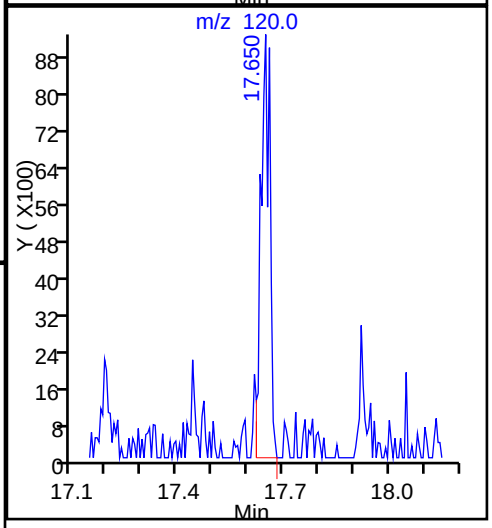
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D				
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

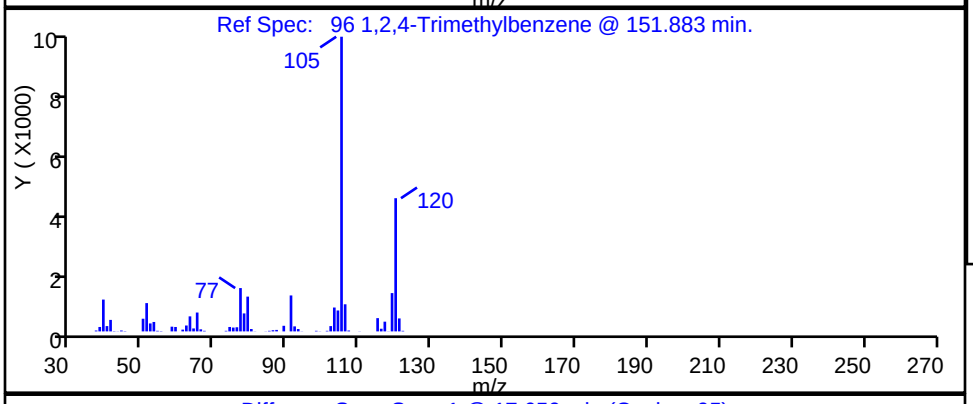
96 1,2,4-Trimethylbenzene, CAS: 95-63-6

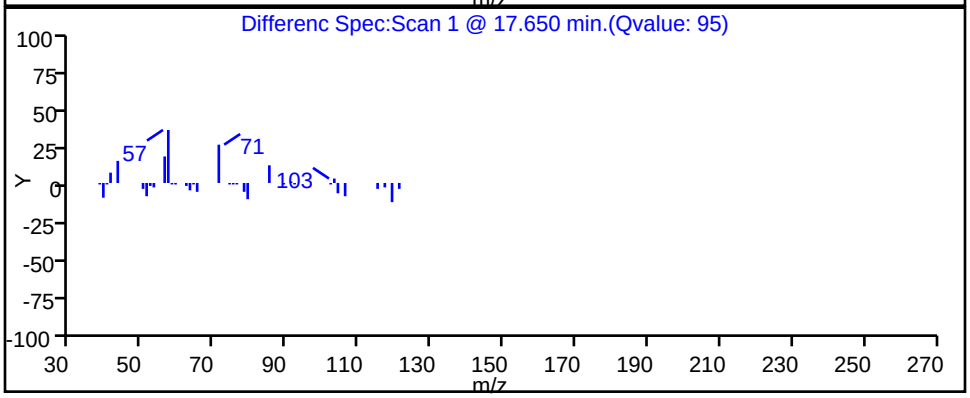












Manual Integration/User Assign Peak Report

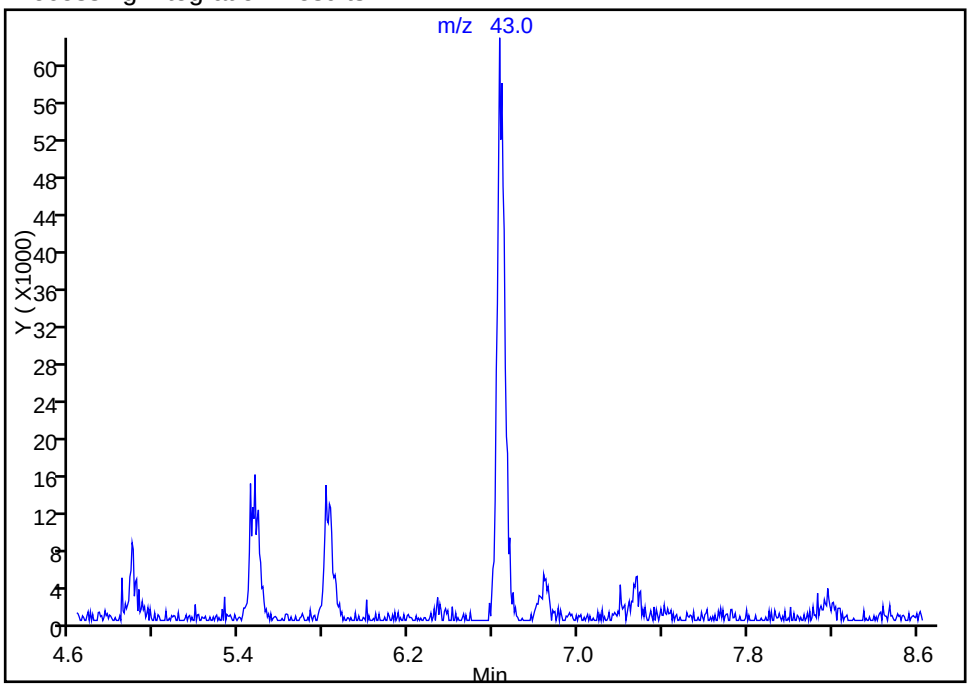
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D				
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 Acetone, CAS: 67-64-1

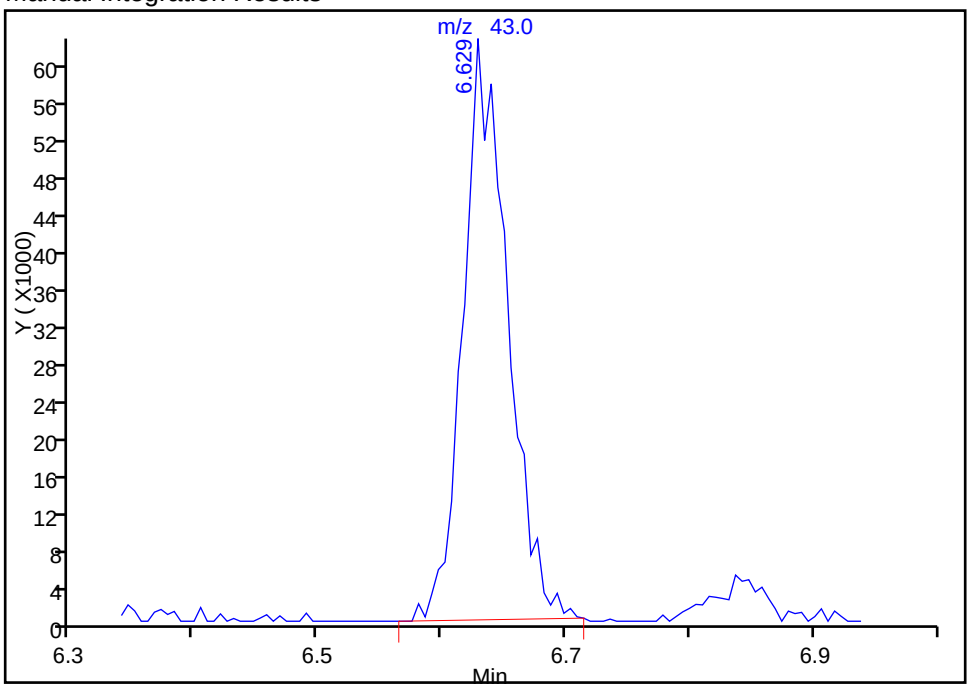
Not Detected
Expected RT: 6.63

Processing Integration Results



Manual Integration Results

RT: 6.63
Area: 155335
Amount: 1.565597
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:01:13
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

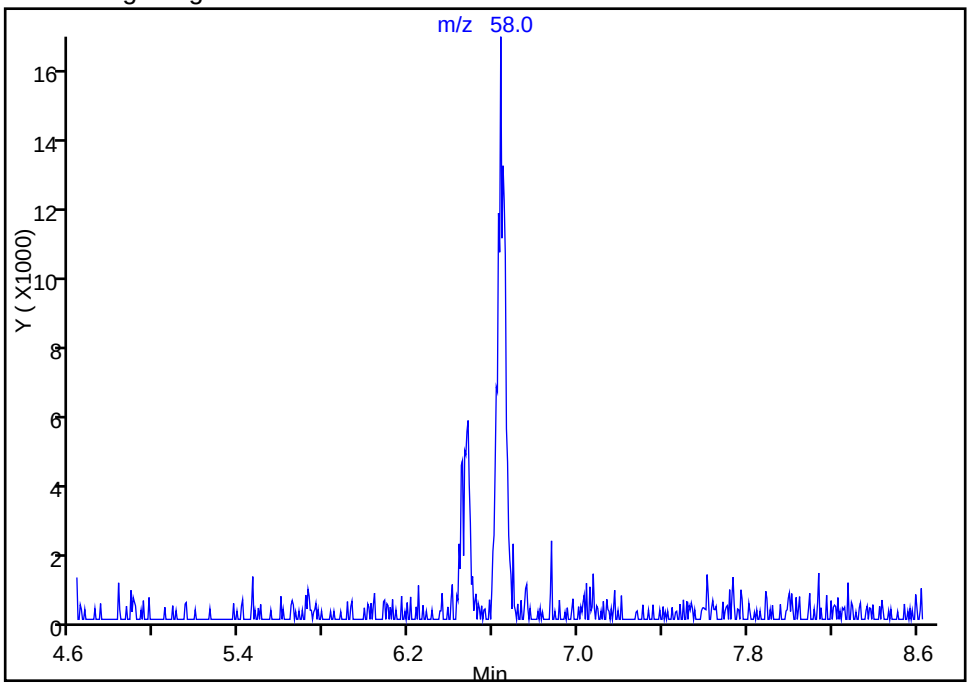
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D				
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 Acetone, CAS: 67-64-1

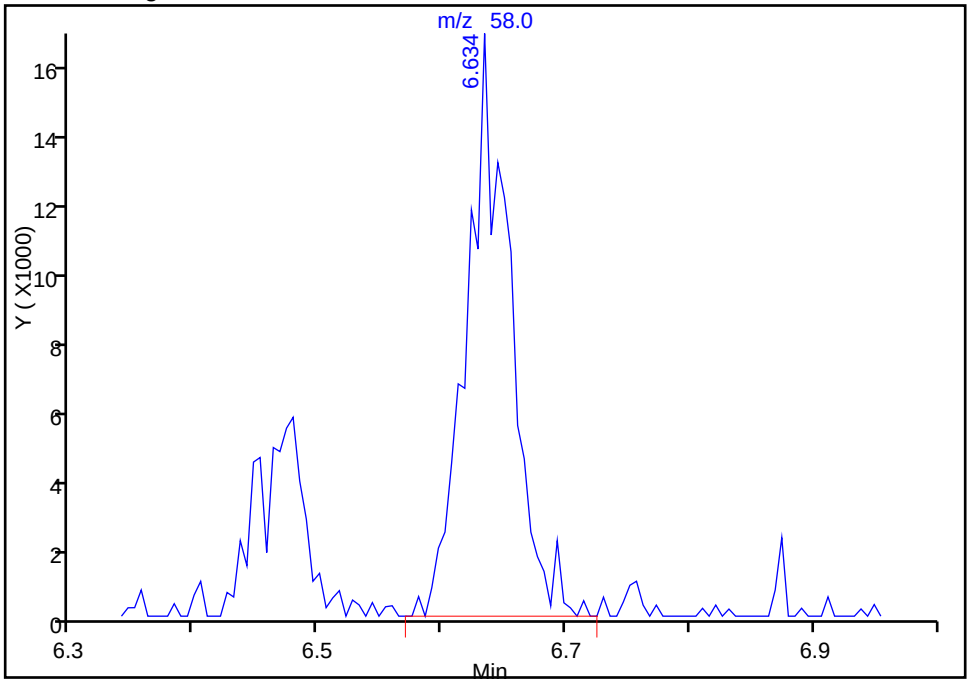
Not Detected
Expected RT: 6.63

Processing Integration Results



Manual Integration Results

RT: 6.63
Area: 40919
Amount: 1.565597
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:01:13
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

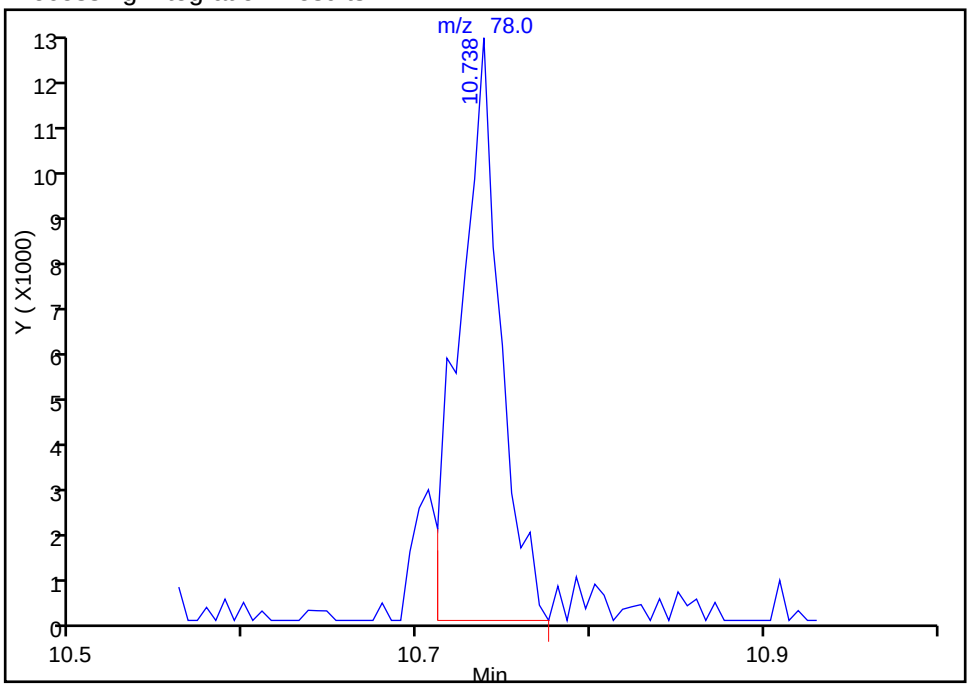
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D				
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Benzene, CAS: 71-43-2

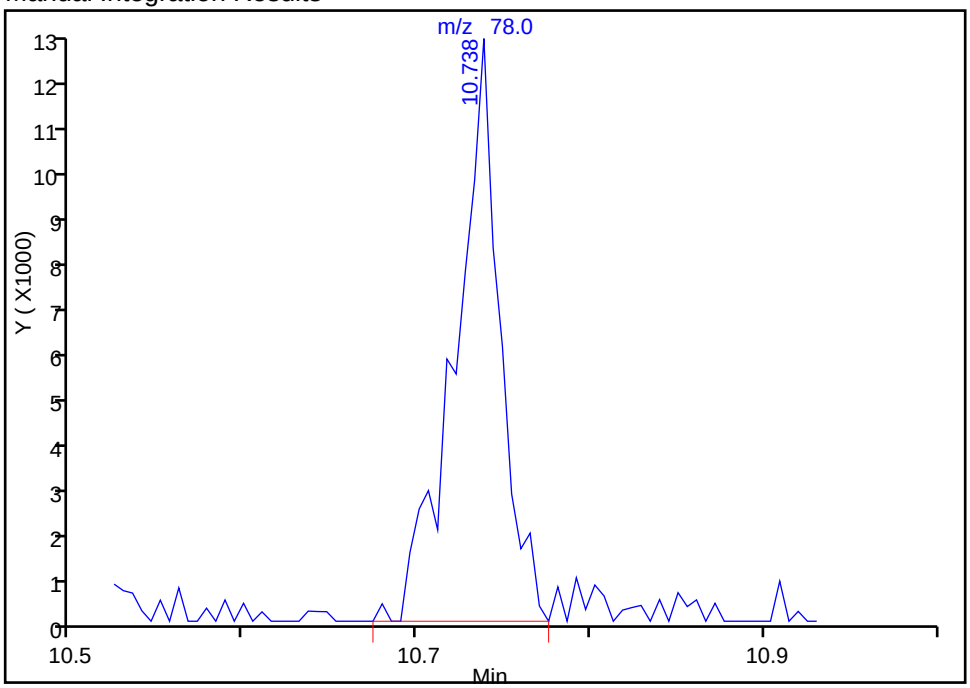
Processing Integration Results

RT: 10.74
Area: 20384
Amount: 0.121464
Amount Units: ppb v/v



Manual Integration Results

RT: 10.74
Area: 22673
Amount: 0.135103
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:01:13
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

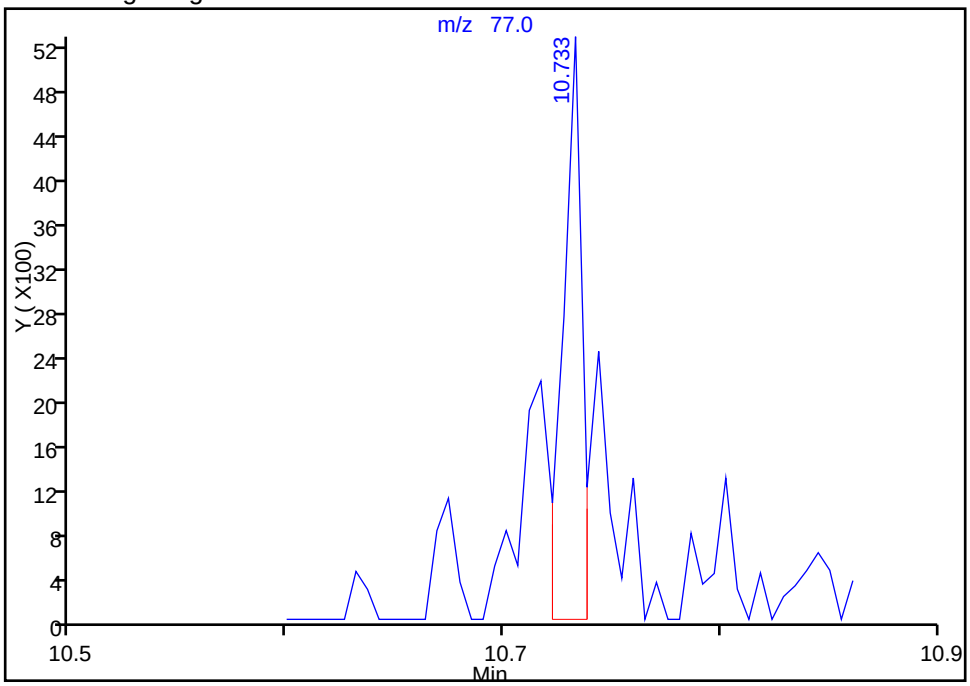
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_20a.D				
Injection Date:	30-Jan-2015 03:06:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-23	Lab Sample ID:	200-64806-23		
Client ID:	786VMP0102NA				
Operator ID:	pad	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Benzene, CAS: 71-43-2

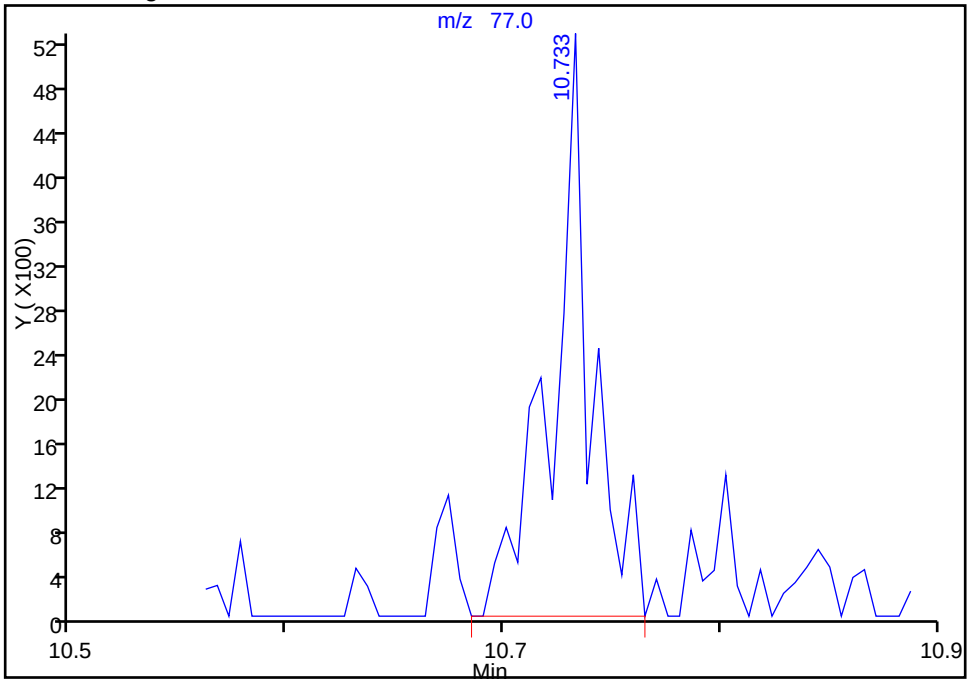
Processing Integration Results

RT: 10.73
Area: 3244
Amount: 0.121464
Amount Units: ppb v/v



Manual Integration Results

RT: 10.73
Area: 6683
Amount: 0.135103
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:01:13
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785IA14 Lab Sample ID: 280-64806-24

Matrix: Air Lab File ID: 11880-005.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:07

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.52		0.50	0.056
75-45-6	Freon 22	86.47	0.24	J	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.52		0.50	0.060
106-97-8	n-Butane	58.12	2.5		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.22		0.20	0.045
76-13-1	Freon TF	187.38	0.059	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.5	U	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.25	J	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.64		0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.075	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.20		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785IA14 Lab Sample ID: 280-64806-24

Matrix: Air Lab File ID: 11880-005.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:07

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.26		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.048	J M	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.12	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.046	J	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.17	J	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.042	J	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785IA14 Lab Sample ID: 280-64806-24

Matrix: Air Lab File ID: 11880-005.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:07

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785IA14 Lab Sample ID: 280-64806-24

Matrix: Air Lab File ID: 11880-005.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:07

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6		2.5	0.28
75-45-6	Freon 22	86.47	0.84	J	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	1.1		1.0	0.12
106-97-8	n-Butane	58.12	5.9		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.2		1.1	0.25
76-13-1	Freon TF	187.38	0.45	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	5.9	U	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.88	J	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	2.2		0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.47	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.64		0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785IA14 Lab Sample ID: 280-64806-24

Matrix: Air Lab File ID: 11880-005.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:07

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.97		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.21	J M	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.53	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.20	J	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.72	J	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.21	J	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785IA14 Lab Sample ID: 280-64806-24

Matrix: Air Lab File ID: 11880-005.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:05

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:07

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D
Lims ID: 280-64806-A-24 Lab Sample ID: 200-64806-24
Client ID: 785IA14
Sample Type: Client
Inject. Date: 29-Jan-2015 14:07:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011880-005
Misc. Info.: 280-64806-24
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 29-Jan-2015 15:08:57 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: desjardinsb Date: 29-Jan-2015 15:08:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.113	3.113	0.000	99	19636	0.5232	
3 Chlorodifluoromethane	51	3.167	3.162	0.005	97	5250	0.2379	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.376				ND	
5 Chloromethane	50	3.520	3.520	0.000	99	6304	0.5231	
6 Butane	43	3.718	3.713	0.005	97	49345	2.48	
7 Vinyl chloride	62		3.755				ND	
8 Butadiene	54		3.830				ND	
9 Bromomethane	94		4.510				ND	
10 Chloroethane	64		4.740				ND	
12 Vinyl bromide	106		5.130				ND	
13 Trichlorofluoromethane	101	5.216	5.216	0.000	97	8499	0.2214	
18 1,1,2-Trichloro-1,2,2-trif	101	6.275	6.275	0.000	67	1536	0.0591	
20 1,1-Dichloroethene	96		6.334				ND	
21 Acetone	43		6.580				ND	
22 Carbon disulfide	76		6.730				ND	
23 Isopropyl alcohol	45		6.858				ND	
24 3-Chloro-1-propene	41		7.126				ND	
26 Methylene Chloride	49	7.425	7.415	0.010	95	3972	0.2536	
28 2-Methyl-2-propanol	59		7.623				ND	
29 Methyl tert-butyl ether	73		7.800				ND	
30 trans-1,2-Dichloroethene	61		7.843				ND	
32 Hexane	57	8.212	8.217	-0.005	90	12091	0.6351	
33 1,1-Dichloroethane	63		8.731				ND	
35 cis-1,2-Dichloroethene	96		9.849				ND	
36 2-Butanone (MEK)	72		9.902				ND	
S 38 1,2-Dichloroethene, Total	61		10.000				ND	
39 Tetrahydrofuran	42		10.309				ND	
* 40 Chlorobromomethane	128	10.319	10.319	0.000	92	136595	10.0	
41 Chloroform	83		10.448				ND	
42 Cyclohexane	84		10.689				ND	
43 1,1,1-Trichloroethane	97		10.726				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	44 Carbon tetrachloride	117	10.967	10.972	-0.005	82	2755	0.0755	
	45 Isooctane	57		11.405				ND	
	46 Benzene	78	11.470	11.459	0.011	96	10259	0.1996	
	47 1,2-Dichloroethane	62		11.657				ND	
	48 n-Heptane	43		11.796				ND	
*	50 1,4-Difluorobenzene	114	12.320	12.320	0.000	95	807479	10.0	
	52 Trichloroethene	95		12.796				ND	
	53 1,2-Dichloropropane	63		13.401				ND	
	54 Methyl methacrylate	69		13.545				ND	
	55 1,4-Dioxane	88		13.610				ND	
	57 Dichlorobromomethane	83		13.968				ND	
	58 cis-1,3-Dichloropropene	75		14.942				ND	
	61 4-Methyl-2-pentanone (MIBK	43		15.236				ND	
	62 Toluene	92	15.551	15.551	0.000	93	10346	0.2584	
	67 trans-1,3-Dichloropropene	75		16.172				ND	
	68 1,1,2-Trichloroethane	83		16.557				ND	
	69 Tetrachloroethene	166		16.653				ND	
	70 2-Hexanone	43		17.007				ND	
	71 Chlorodibromomethane	129		17.344				ND	
	72 Ethylene Dibromide	107		17.632				ND	
*	73 Chlorobenzene-d5	117	18.531	18.531	0.000	88	809054	10.0	
	74 Chlorobenzene	112		18.595				ND	
	75 Ethylbenzene	91	18.745	18.756	0.005	1	4350	0.0479	M
	77 m-Xylene & p-Xylene	106	18.991	18.991	0.000	98	4351	0.1225	
	78 o-Xylene	106	19.799	19.799	0.000	90	1559	0.0458	
	79 Styrene	104		19.847				ND	
S	80 Xylenes, Total	106				0		0.1683	
	81 Bromoform	173		20.254				ND	
	82 Isopropylbenzene	105		20.430				ND	
*	83 4-Bromofluorobenzene	95	20.789	20.789	0.000	91	610322	10.0	
	85 1,1,2,2-Tetrachloroethane	83		21.051				ND	
	86 N-Propylbenzene	91		21.110				ND	
	89 4-Ethyltoluene	105		21.292				ND	
	90 2-Chlorotoluene	91		21.308				ND	
	91 1,3,5-Trimethylbenzene	105	21.388	21.388	0.000	1	1177	0.0132	7
	93 tert-Butylbenzene	119		21.859				ND	
	94 1,2,4-Trimethylbenzene	105	21.955	21.950	0.005	95	3824	0.0424	
	95 sec-Butylbenzene	105		22.174				ND	
	96 4-Isopropyltoluene	119		22.372				ND	
	97 1,3-Dichlorobenzene	146		22.415				ND	
	98 1,4-Dichlorobenzene	146		22.554				ND	
	99 Benzyl chloride	91		22.763				ND	
	101 n-Butylbenzene	91		22.966				ND	
	102 1,2-Dichlorobenzene	146		23.116				ND	
	104 1,2,4-Trichlorobenzene	180		25.780				ND	
	105 Hexachlorobutadiene	225		25.962				ND	
	106 Naphthalene	128		26.315				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

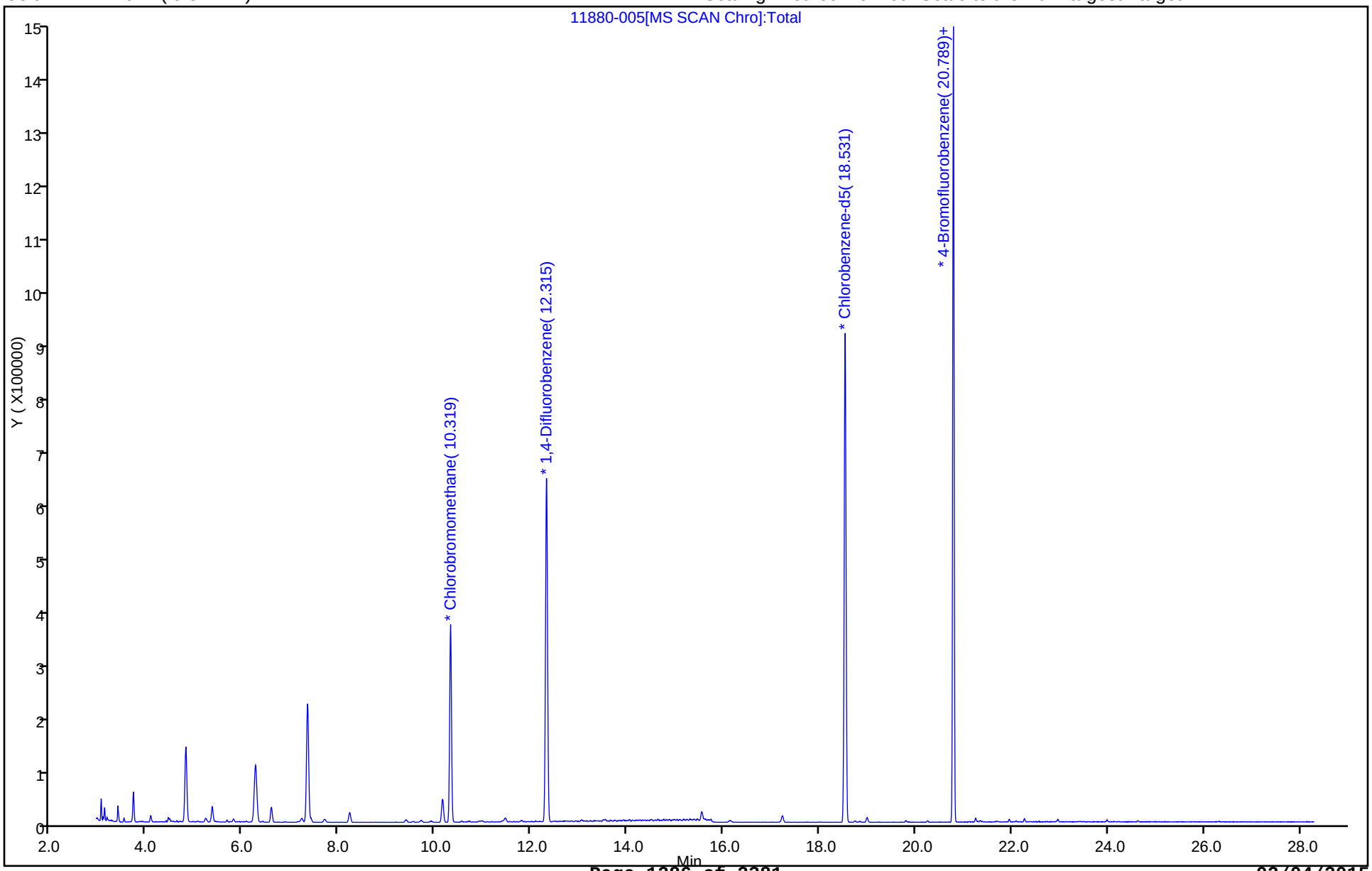
Report Date: 29-Jan-2015 15:08:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D

Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24	Worklist Smp#:	5
Client ID:	785IA14				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



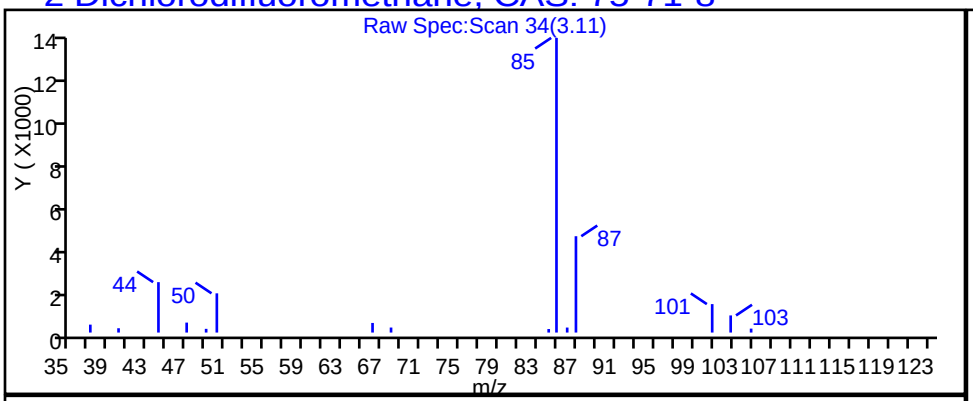
Report Date: 29-Jan-2015 15:08:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

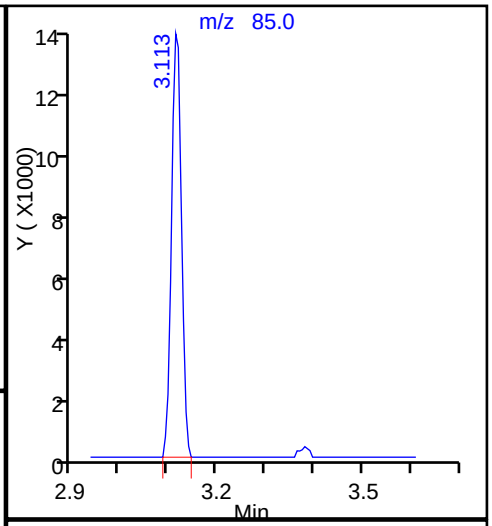
TestAmerica Burlington

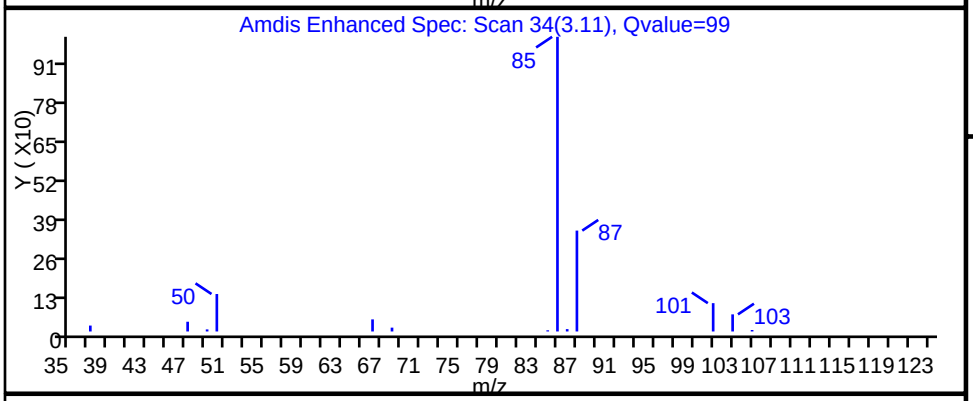
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D

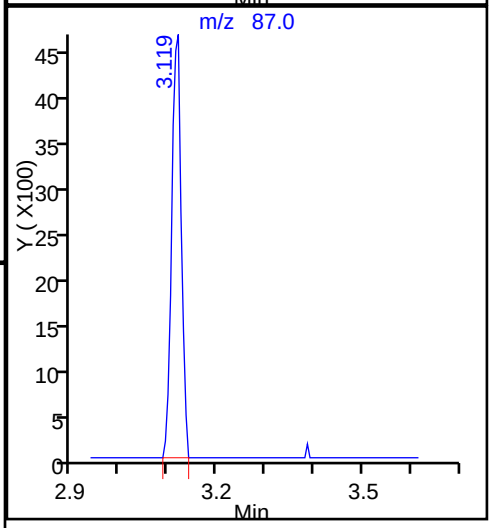
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

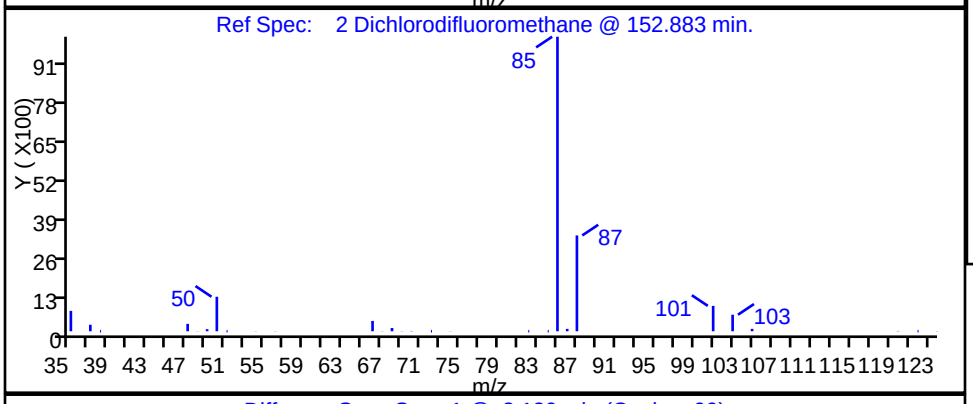
2 Dichlorodifluoromethane, CAS: 75-71-8

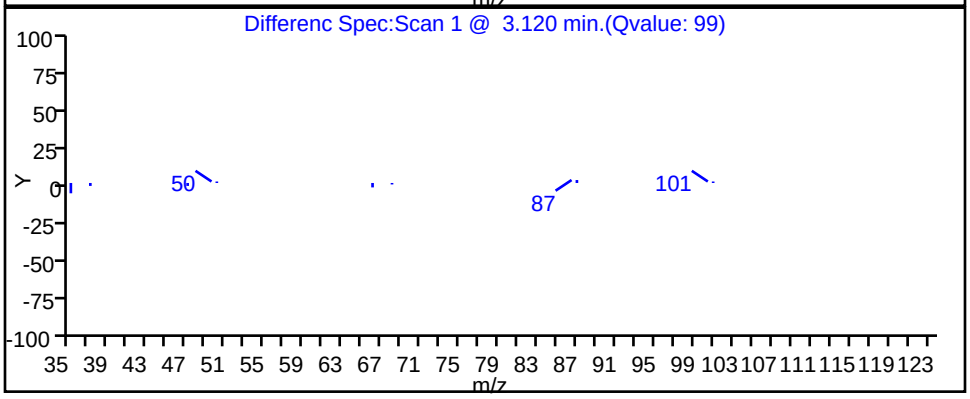










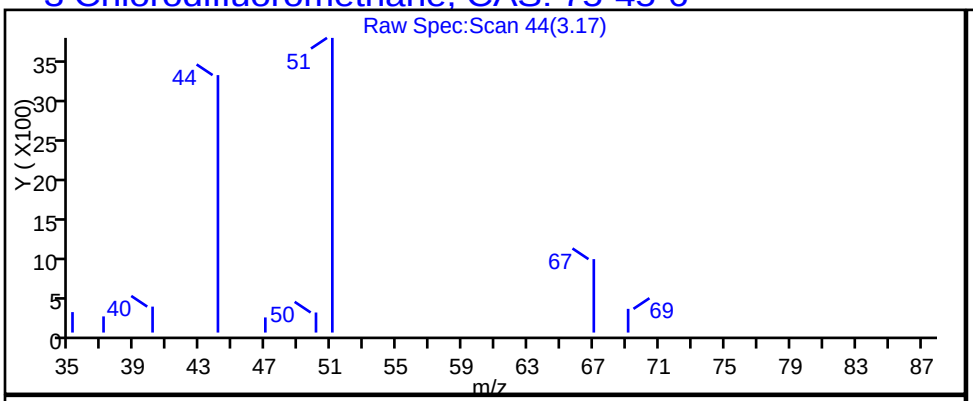


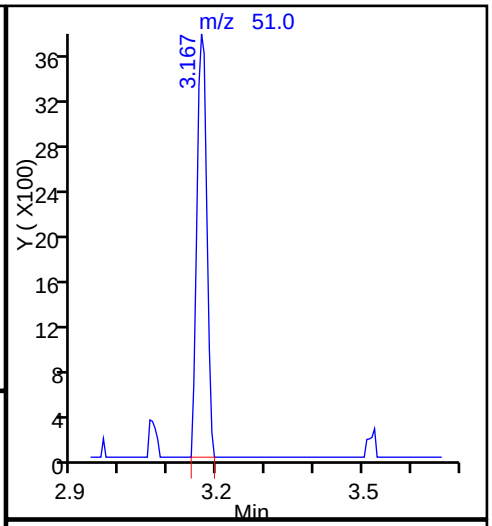
TestAmerica Burlington

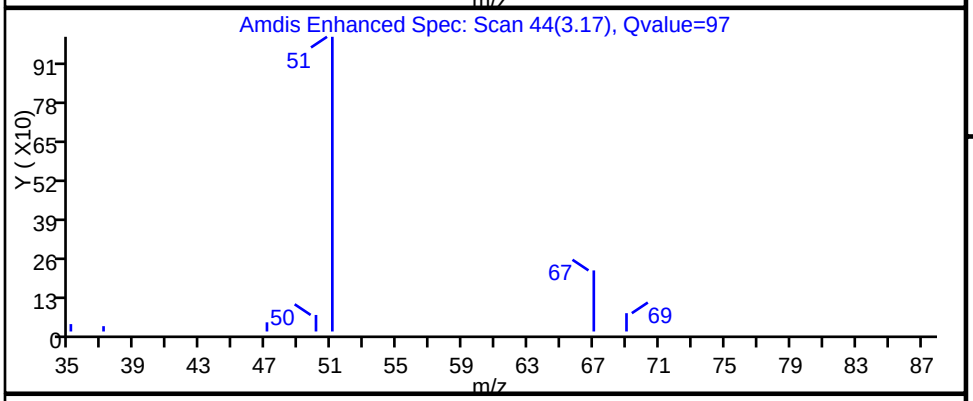
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D

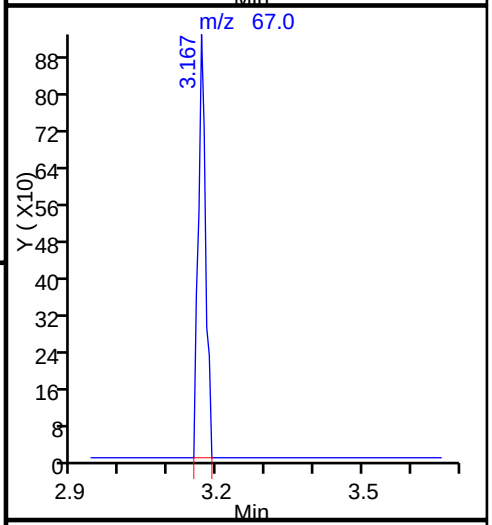
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

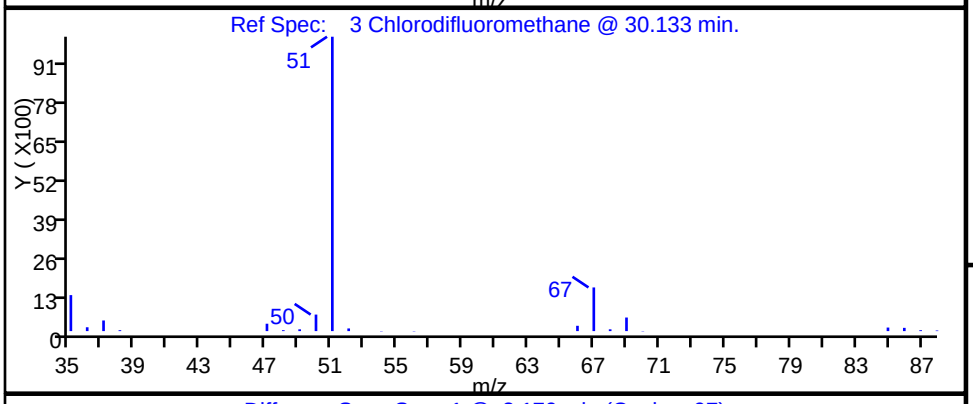
3 Chlorodifluoromethane, CAS: 75-45-6

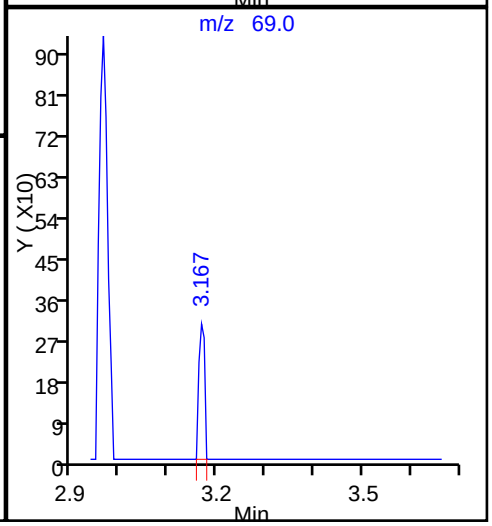


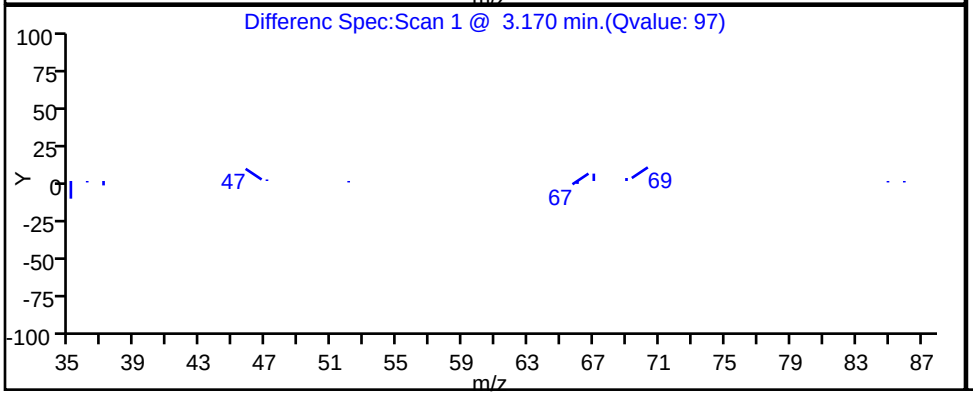










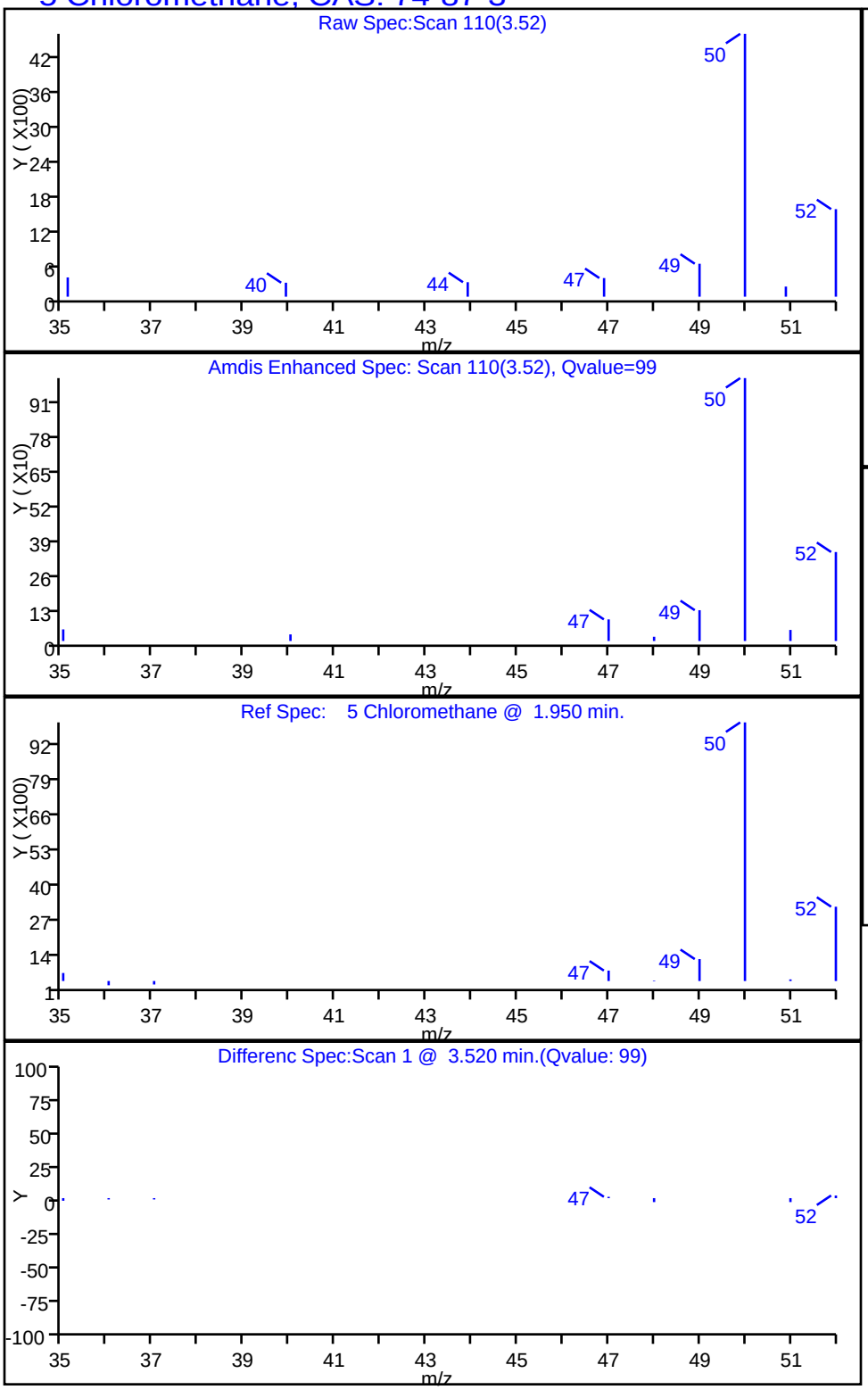


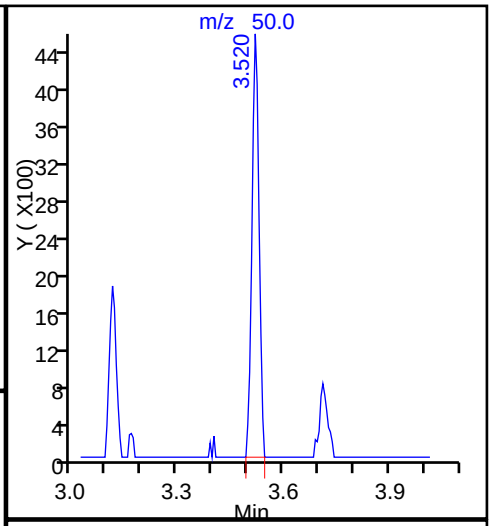
Report Date: 29-Jan-2015 15:08:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

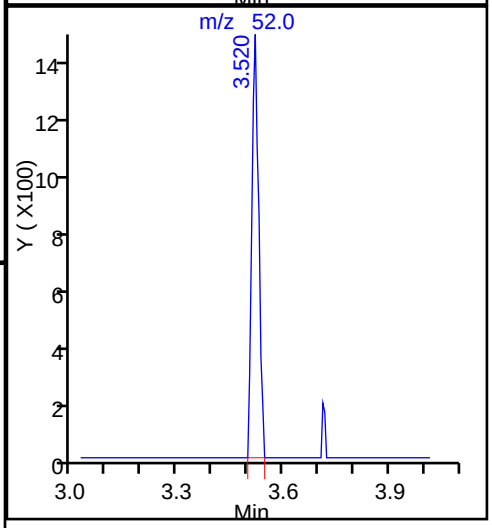
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D				
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3







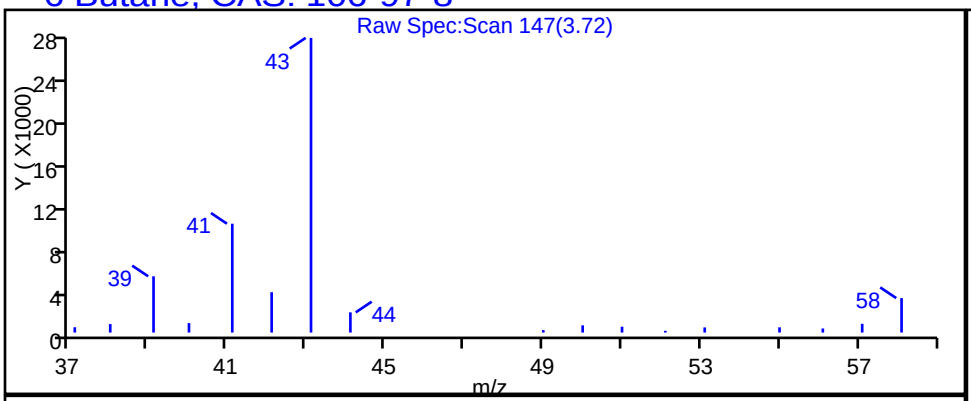
Report Date: 29-Jan-2015 15:08:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

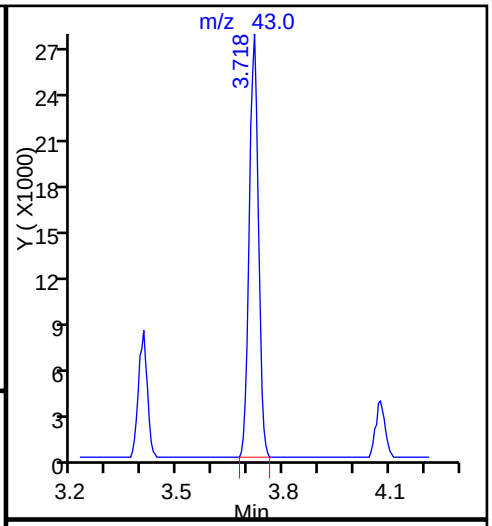
TestAmerica Burlington

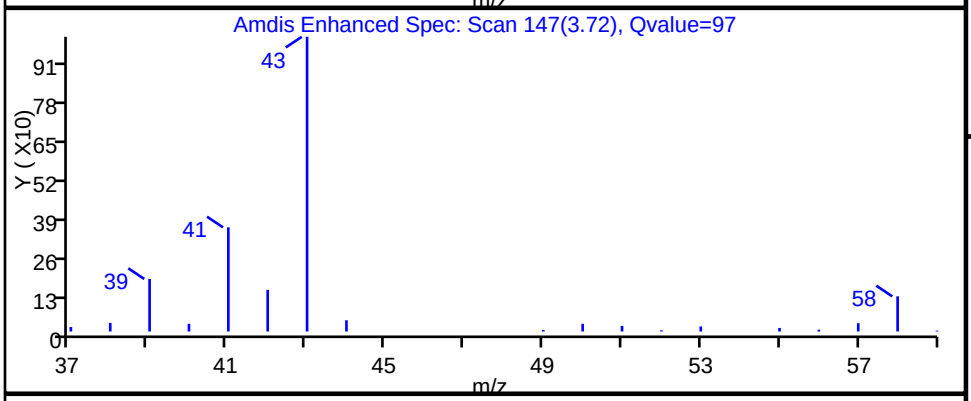
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D

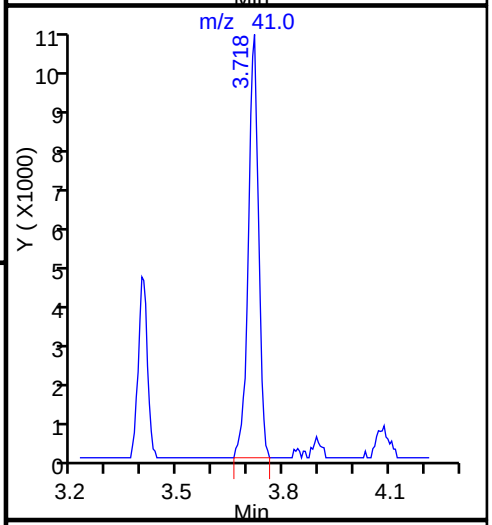
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

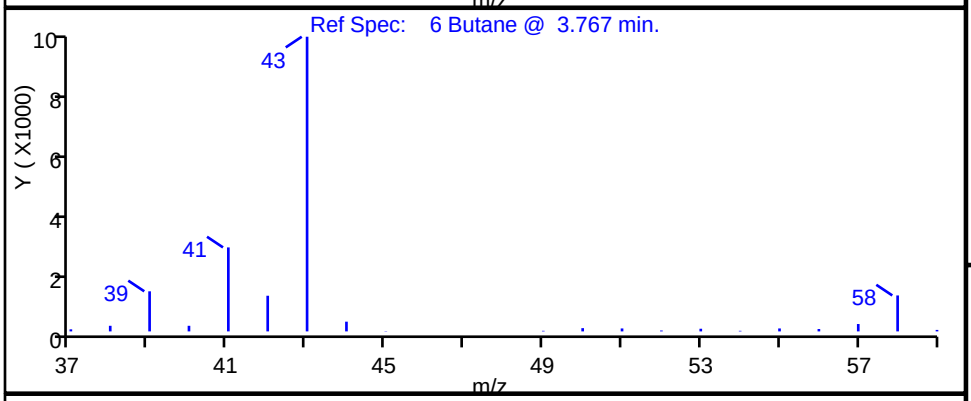
6 Butane, CAS: 106-97-8

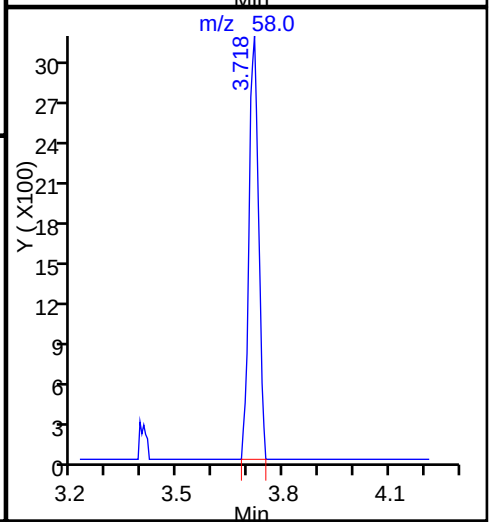


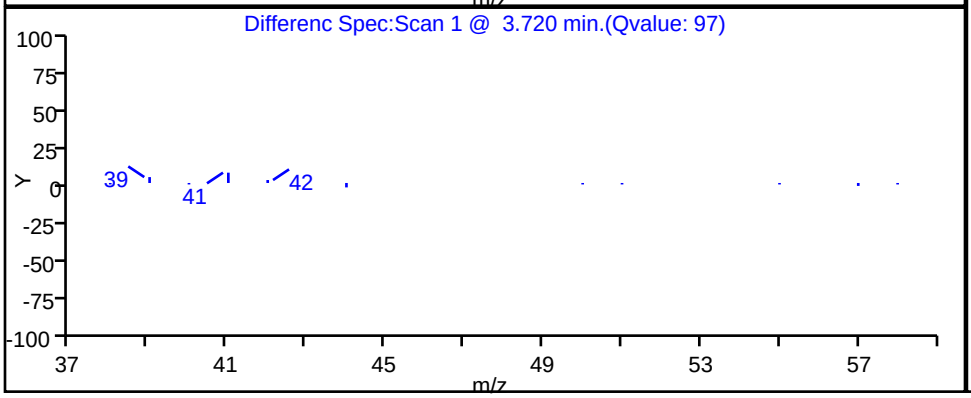












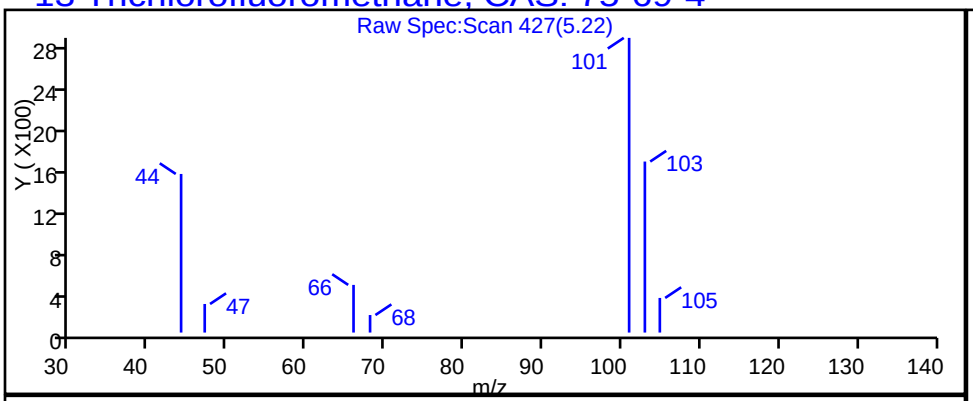
Report Date: 29-Jan-2015 15:08:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

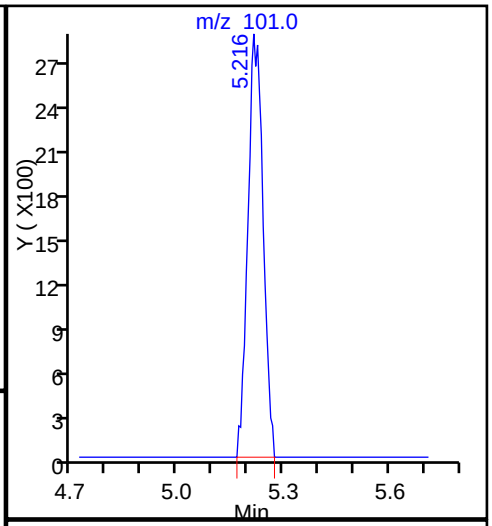
TestAmerica Burlington

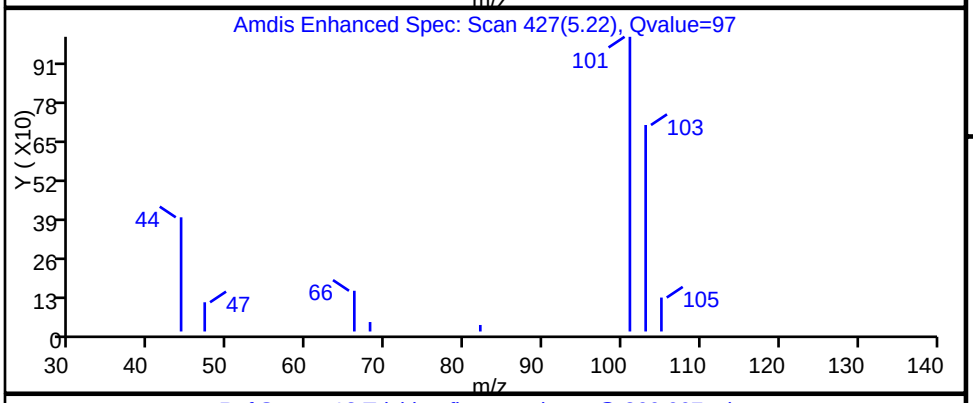
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D

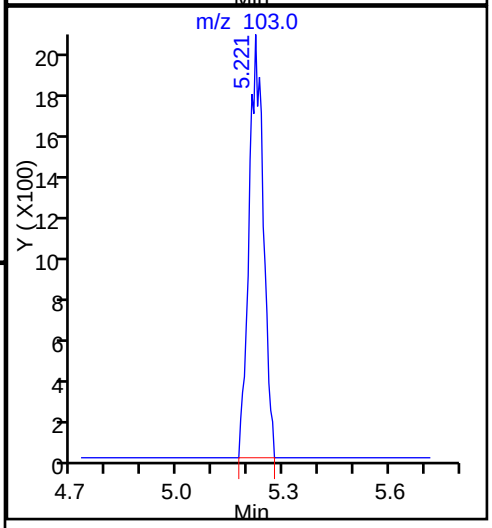
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

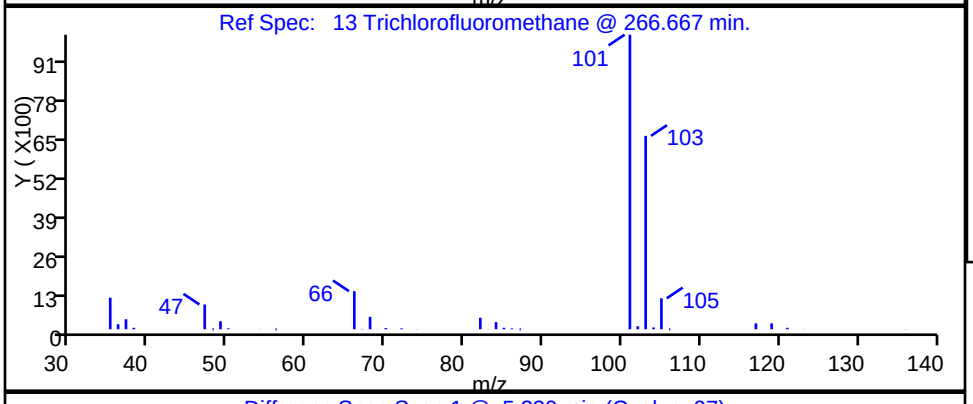
13 Trichlorofluoromethane, CAS: 75-69-4

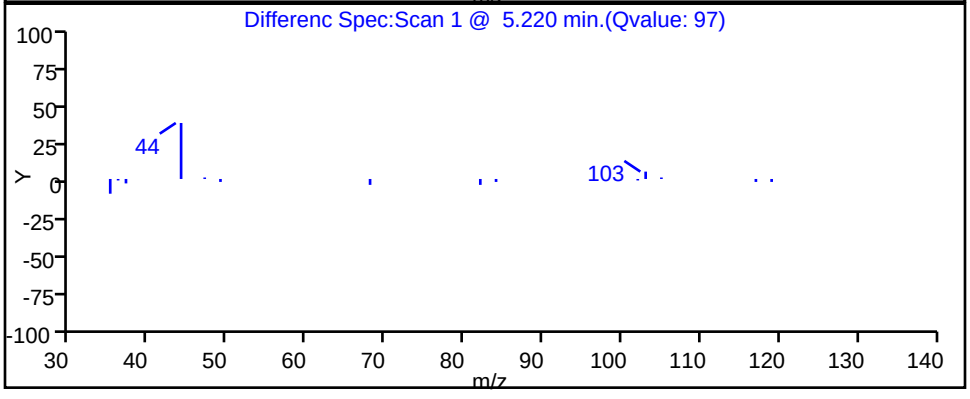








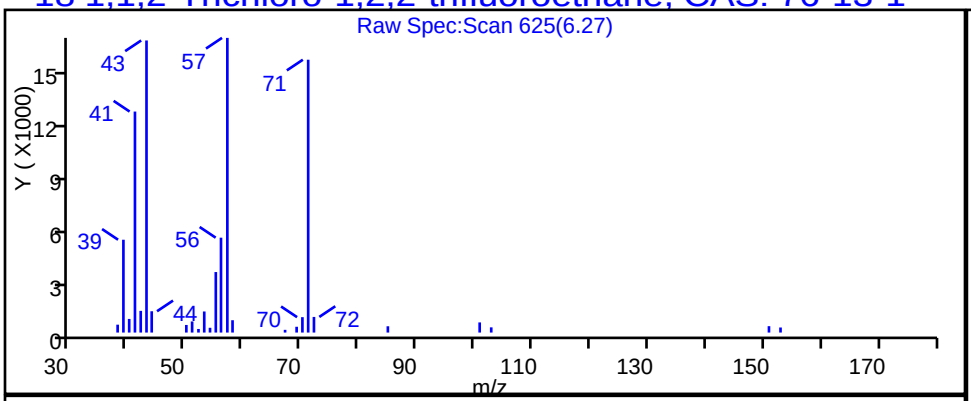


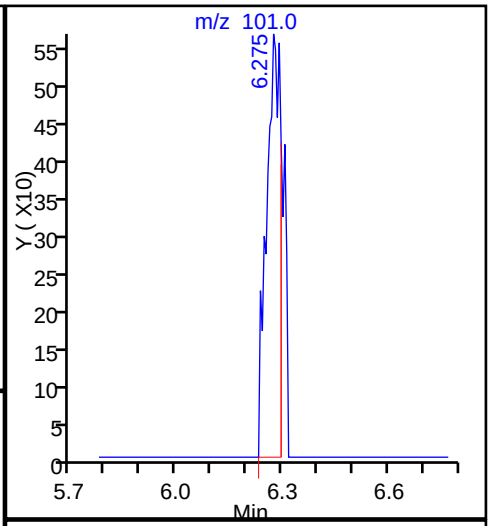


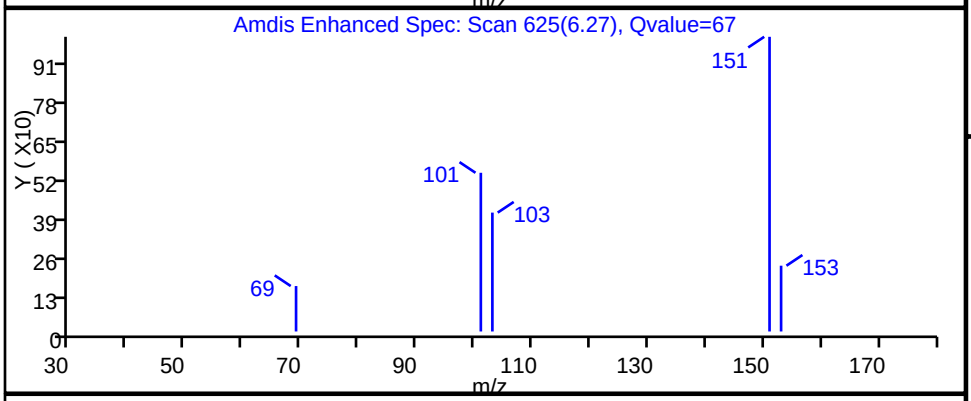
TestAmerica Burlington

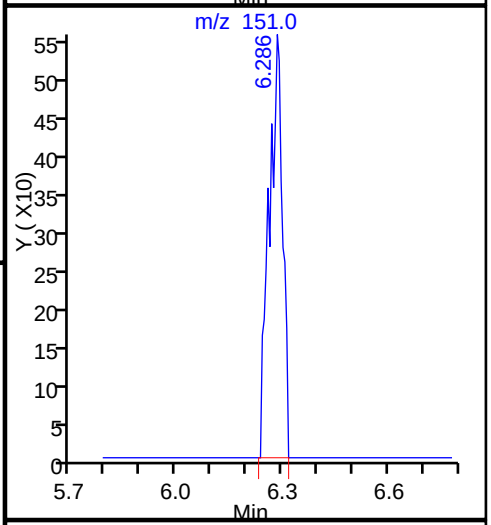
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D				
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

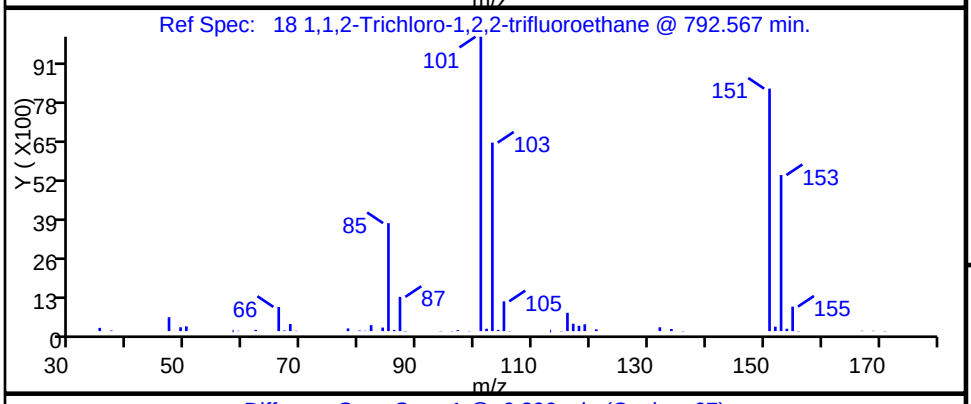
18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

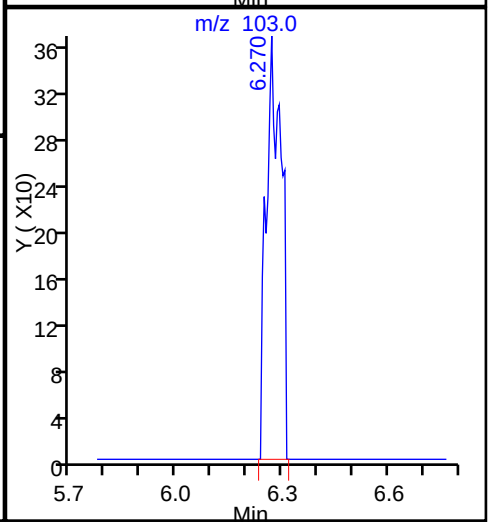


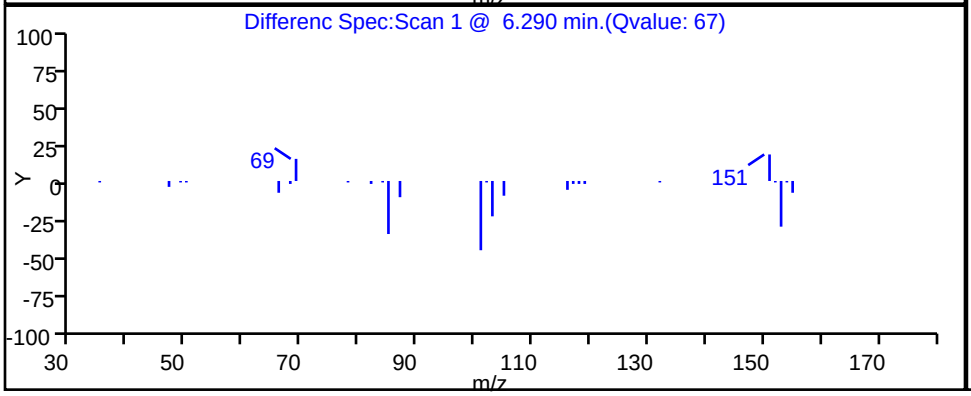












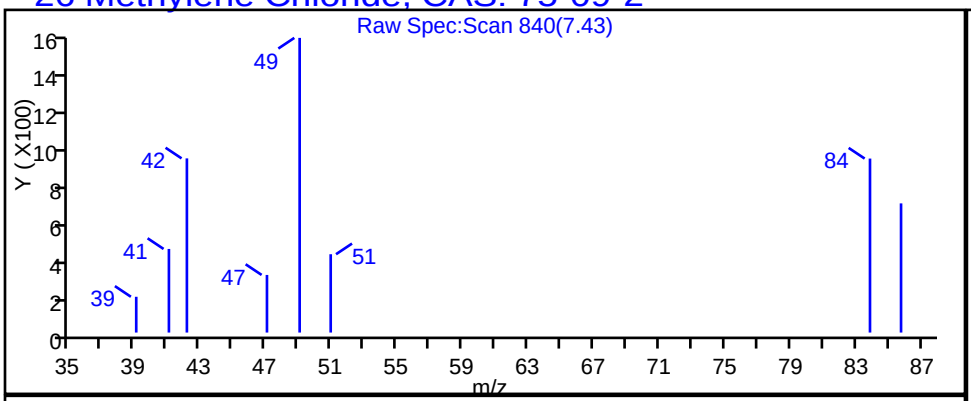
Report Date: 29-Jan-2015 15:08:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

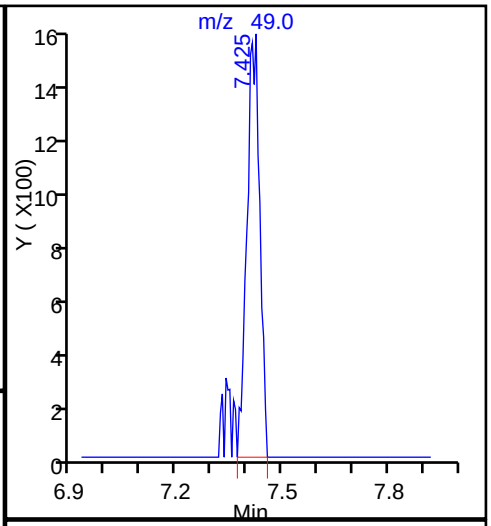
TestAmerica Burlington

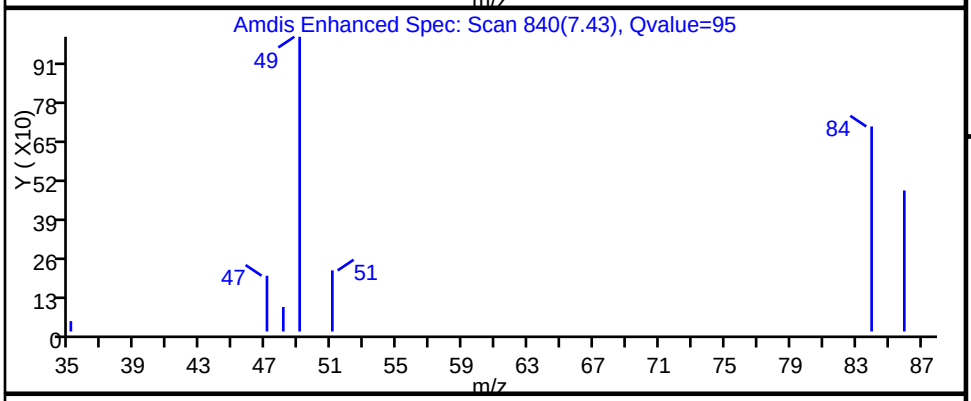
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D

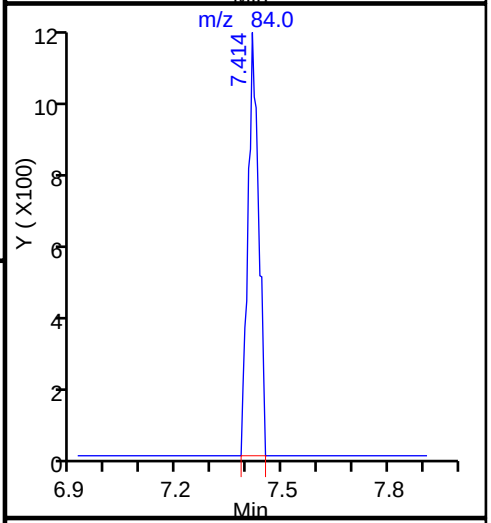
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

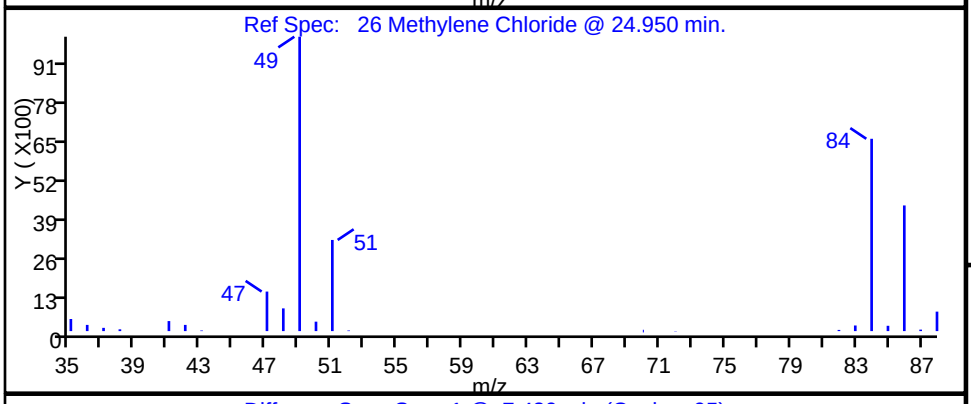
26 Methylene Chloride, CAS: 75-09-2

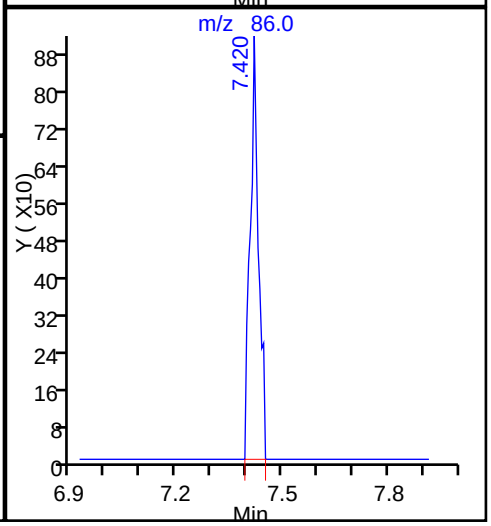


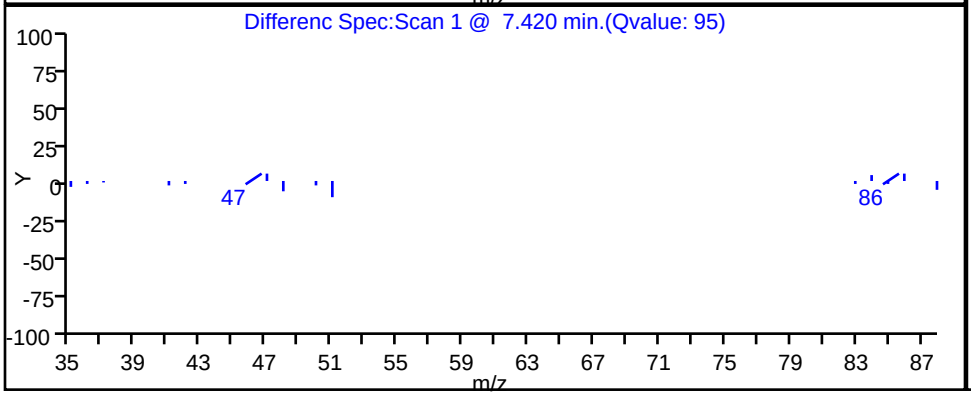










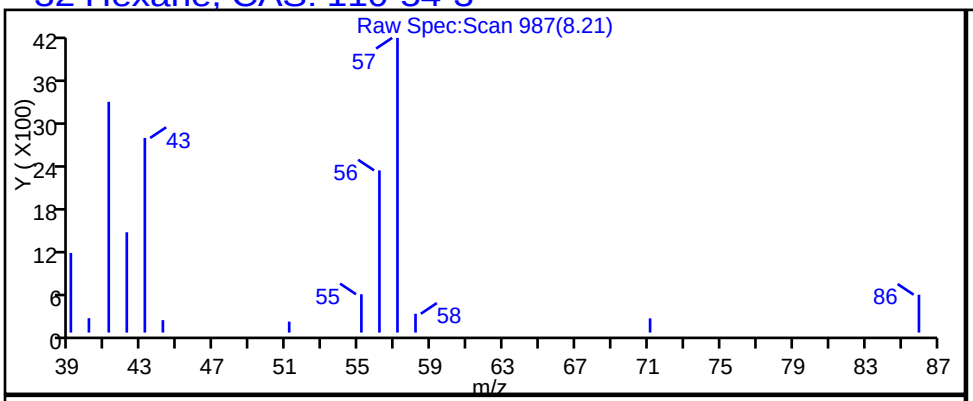


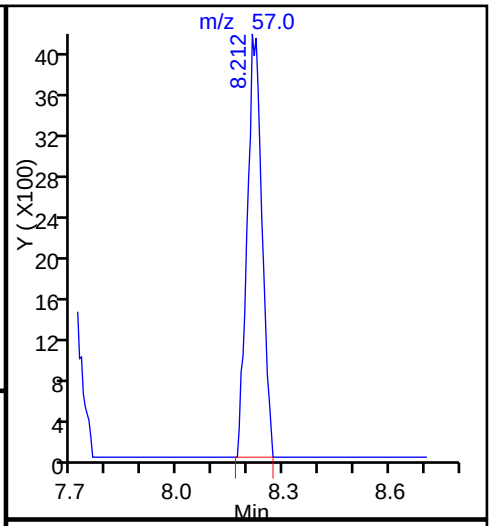
Report Date: 29-Jan-2015 15:08:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

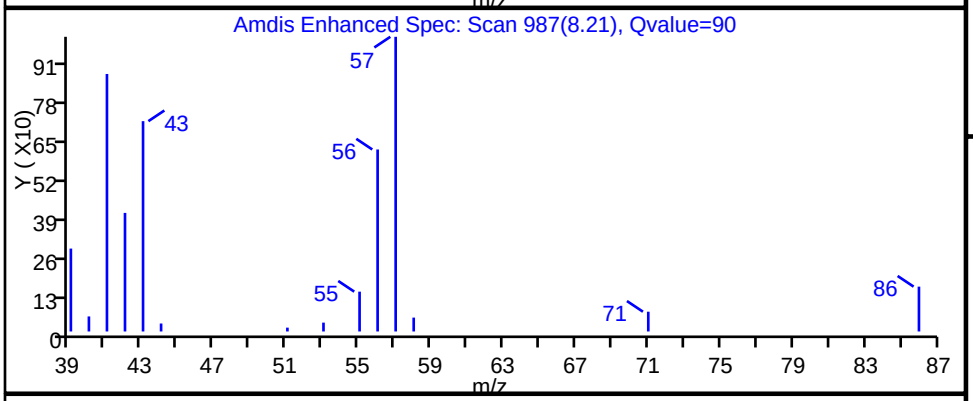
TestAmerica Burlington

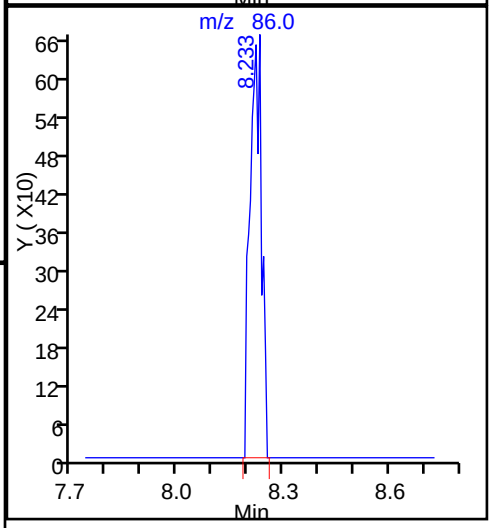
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D				
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

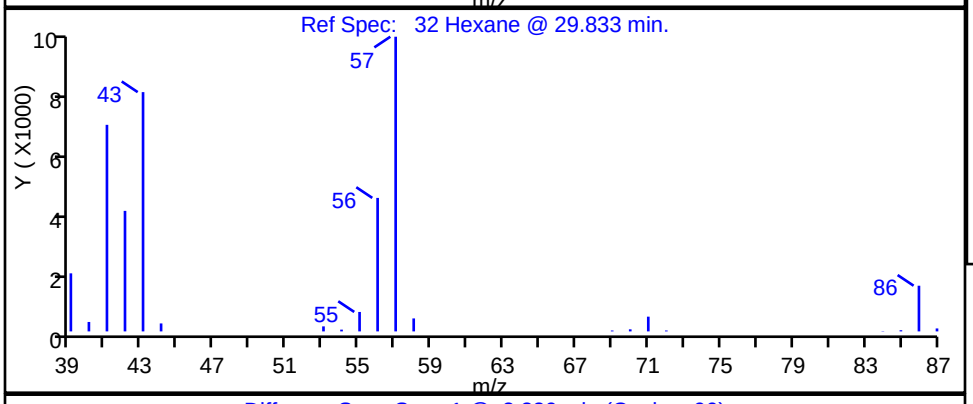
32 Hexane, CAS: 110-54-3

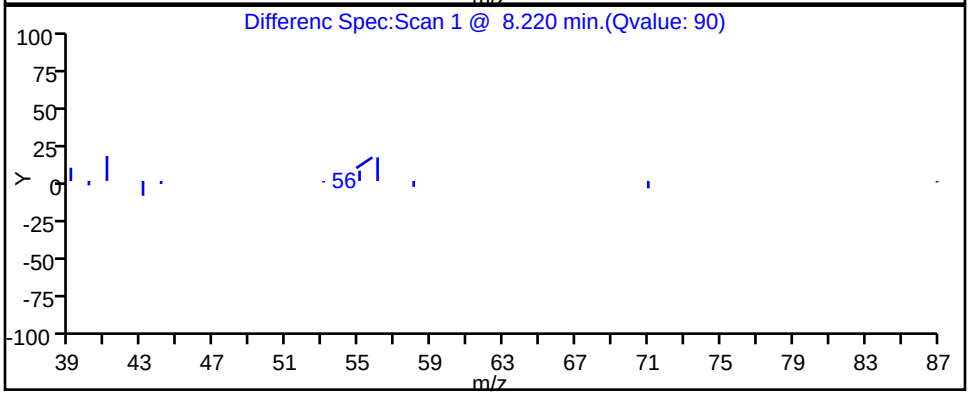










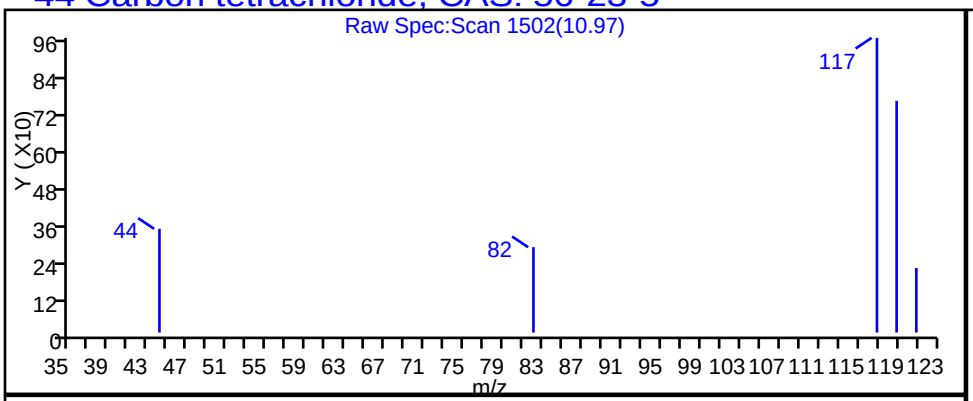


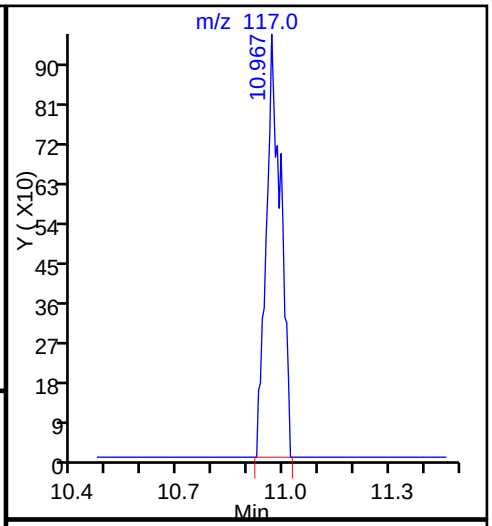
Report Date: 29-Jan-2015 15:08:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

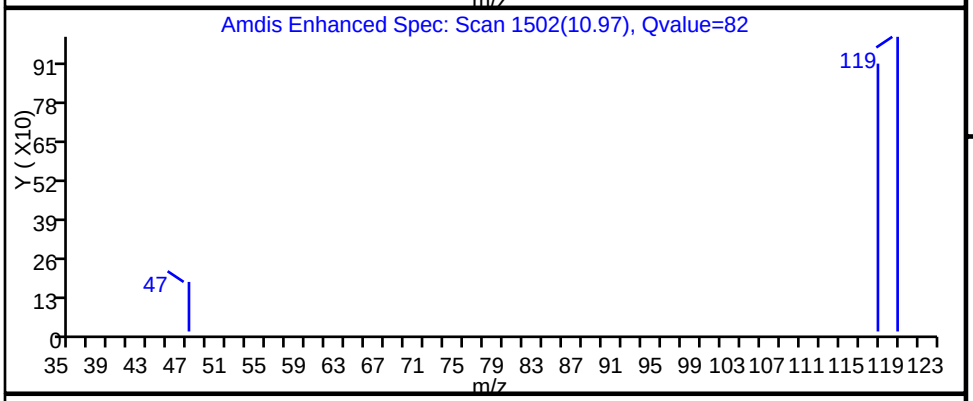
TestAmerica Burlington

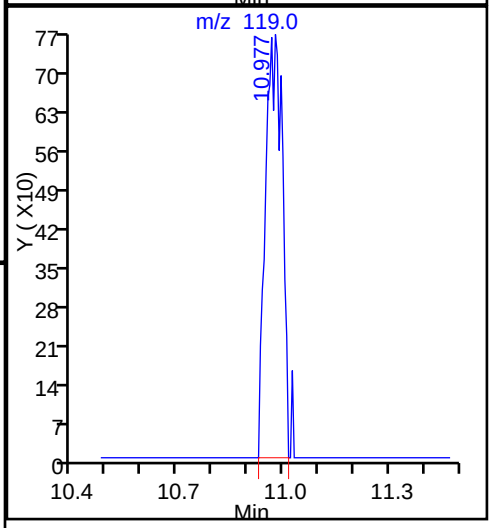
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D				
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

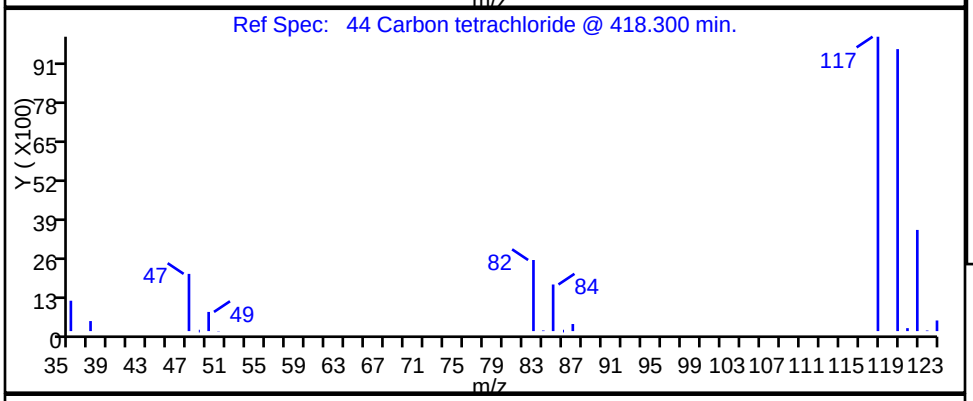
44 Carbon tetrachloride, CAS: 56-23-5

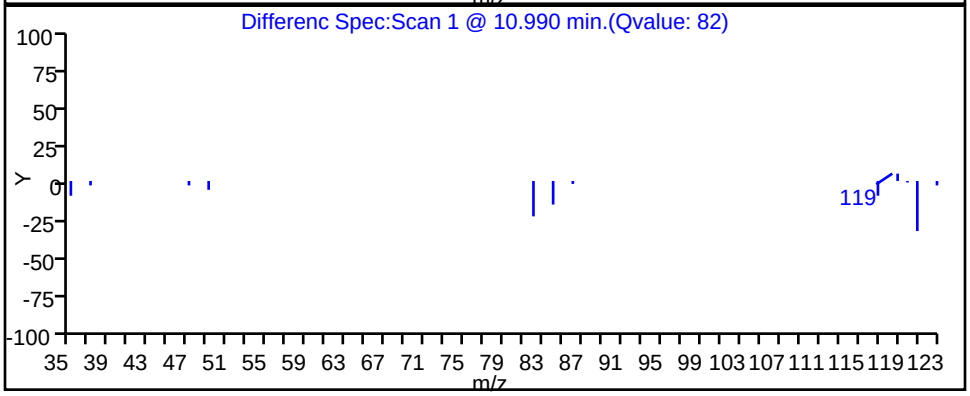












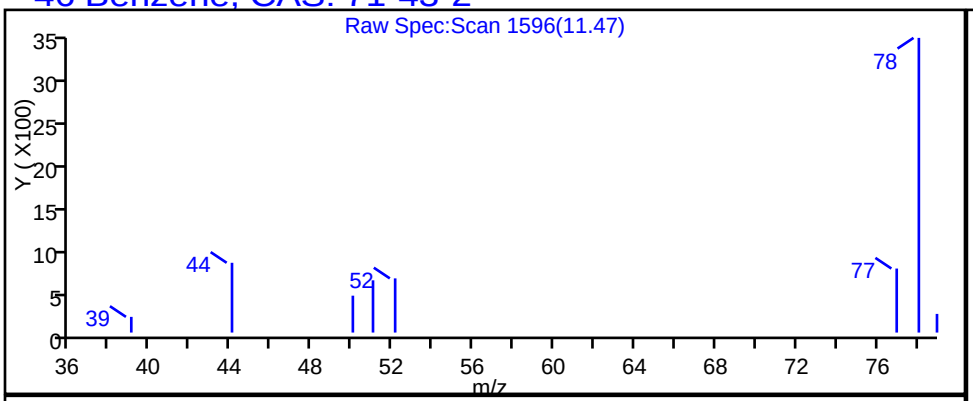
Report Date: 29-Jan-2015 15:08:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

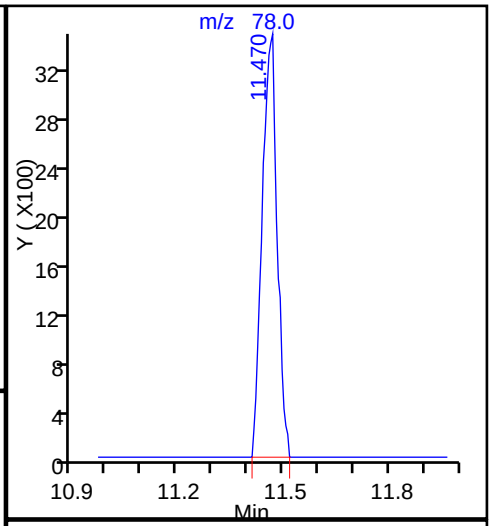
TestAmerica Burlington

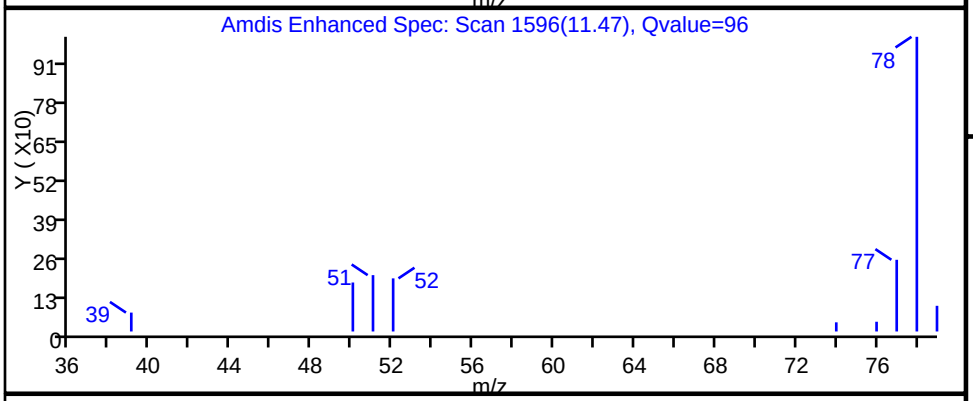
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D

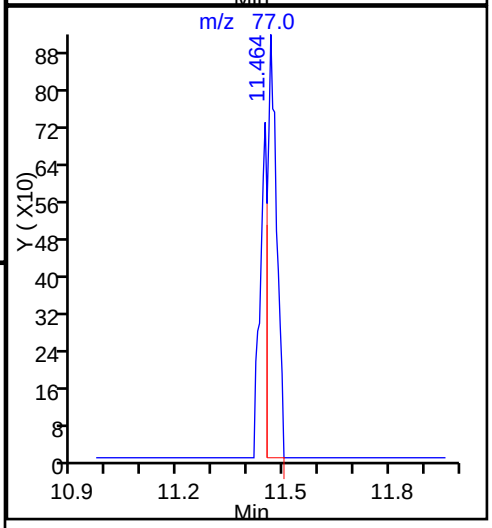
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

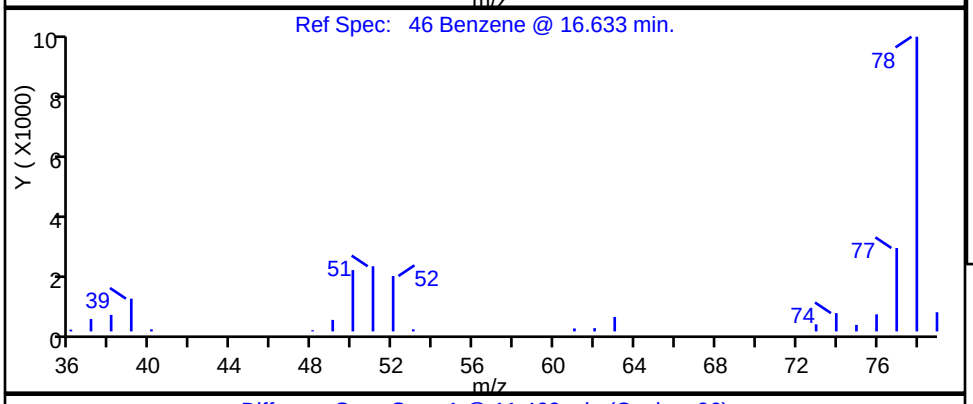
46 Benzene, CAS: 71-43-2

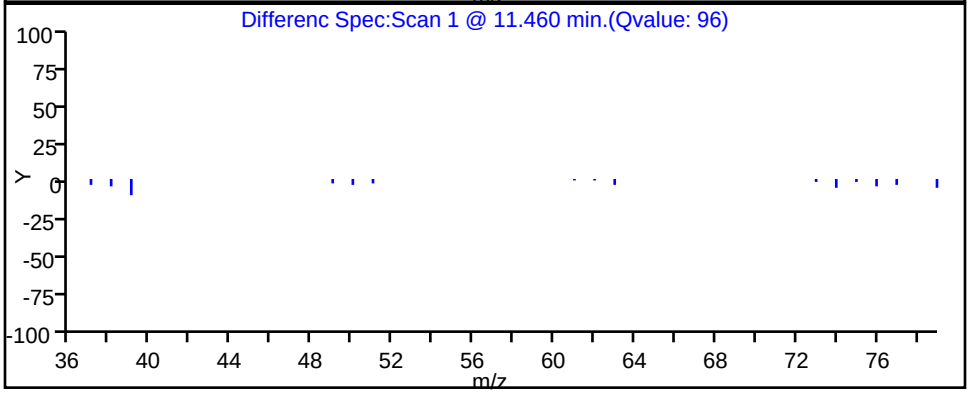












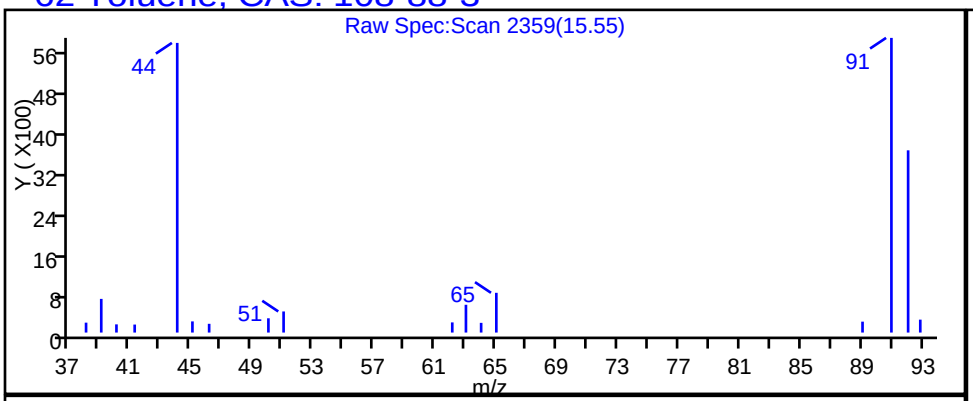
Report Date: 29-Jan-2015 15:08:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

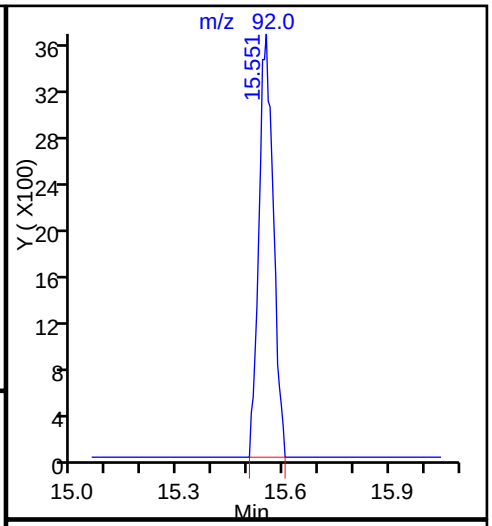
TestAmerica Burlington

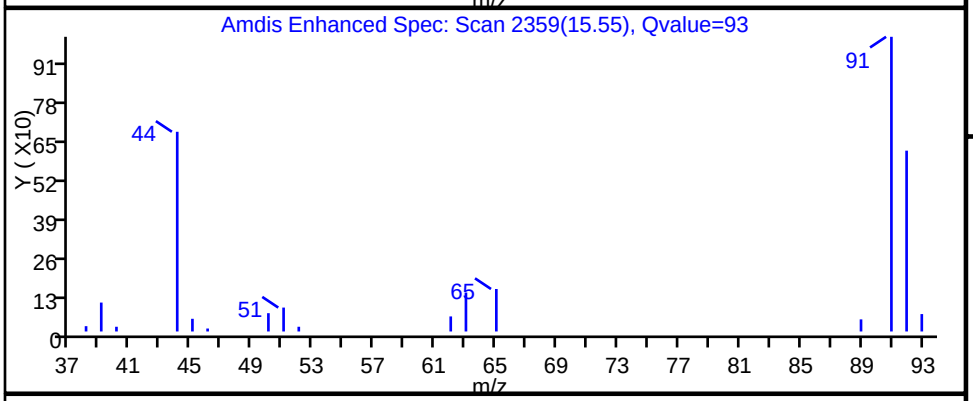
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D

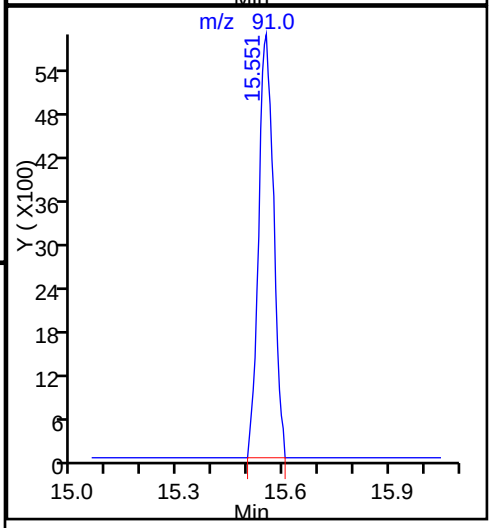
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

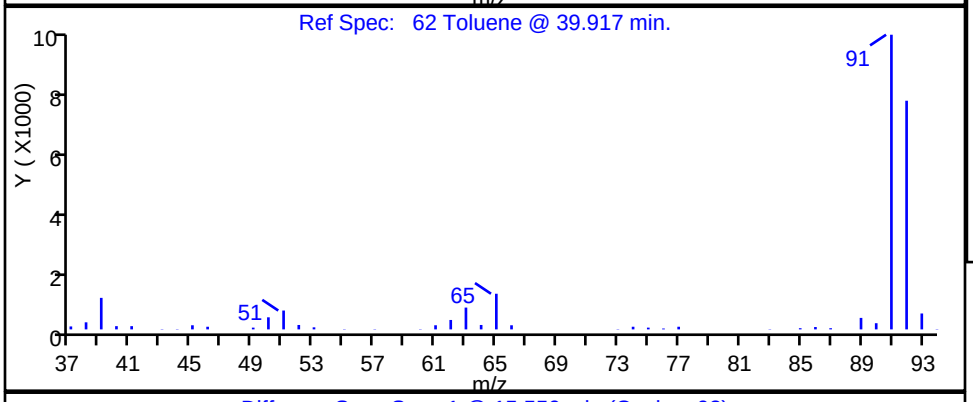
62 Toluene, CAS: 108-88-3

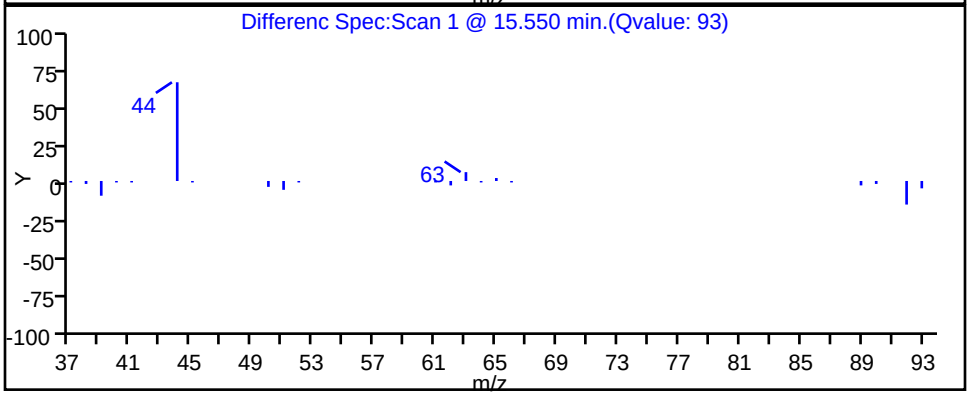








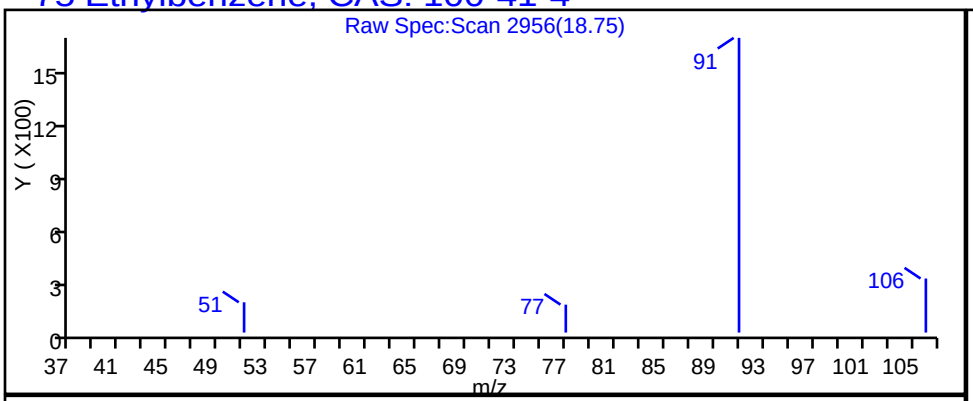


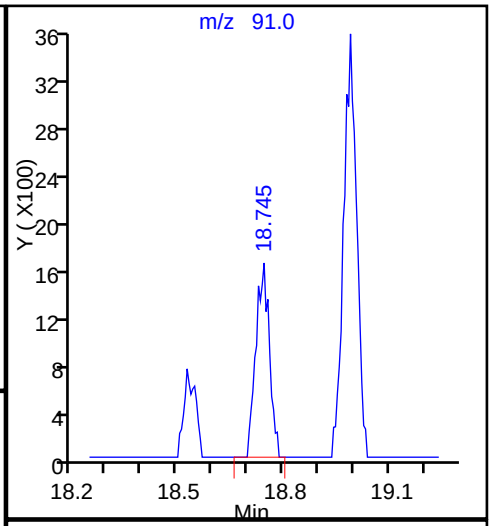


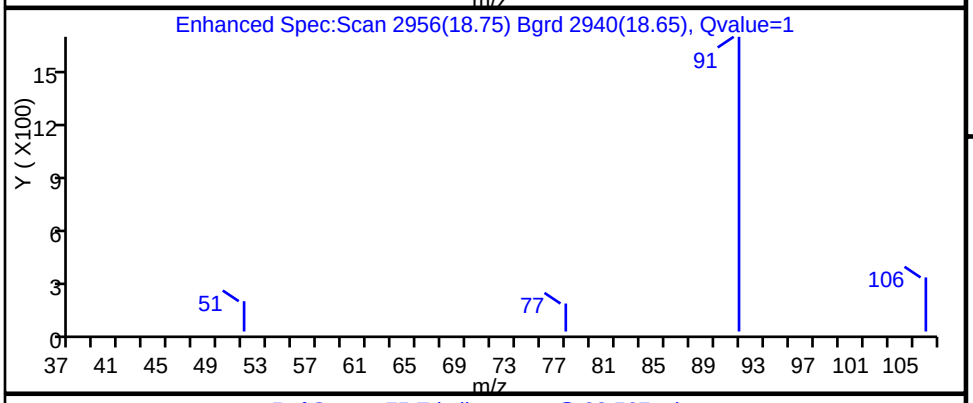
TestAmerica Burlington

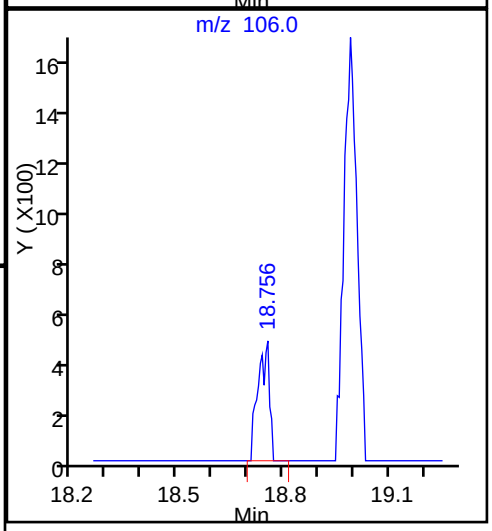
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D				
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

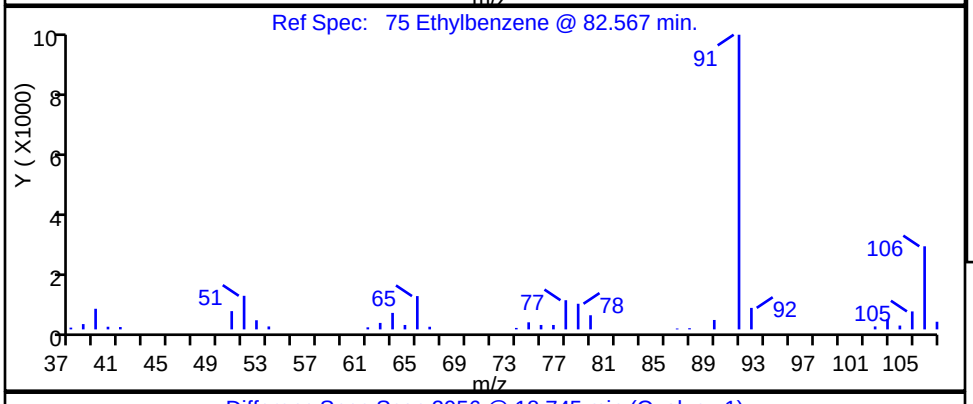
75 Ethylbenzene, CAS: 100-41-4

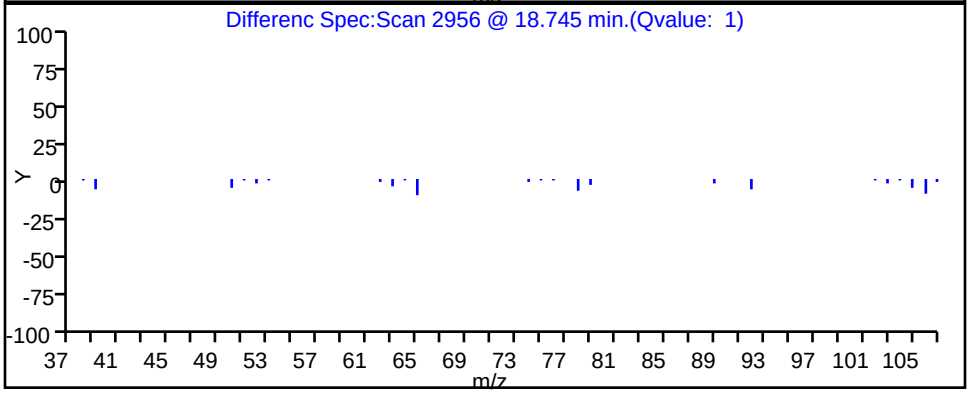










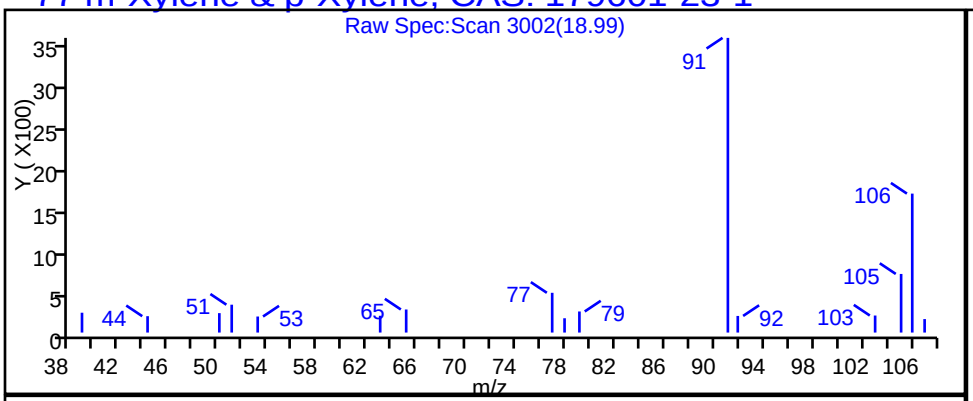


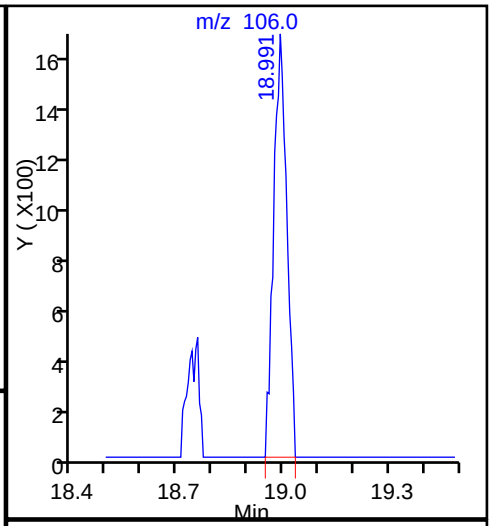
Report Date: 29-Jan-2015 15:08:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

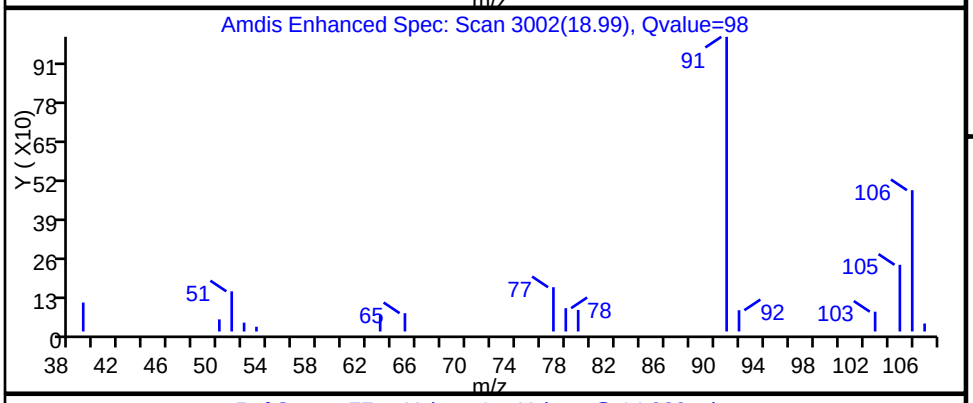
TestAmerica Burlington

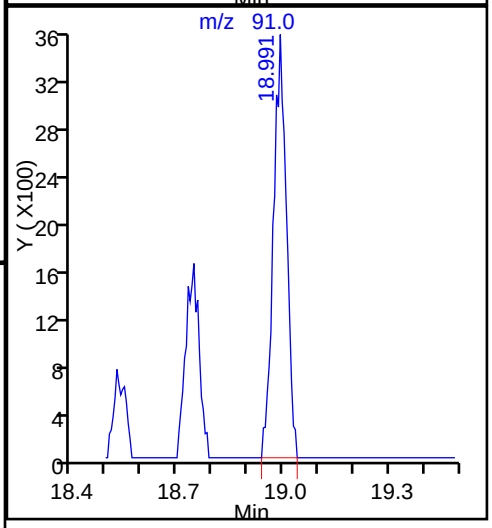
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D				
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

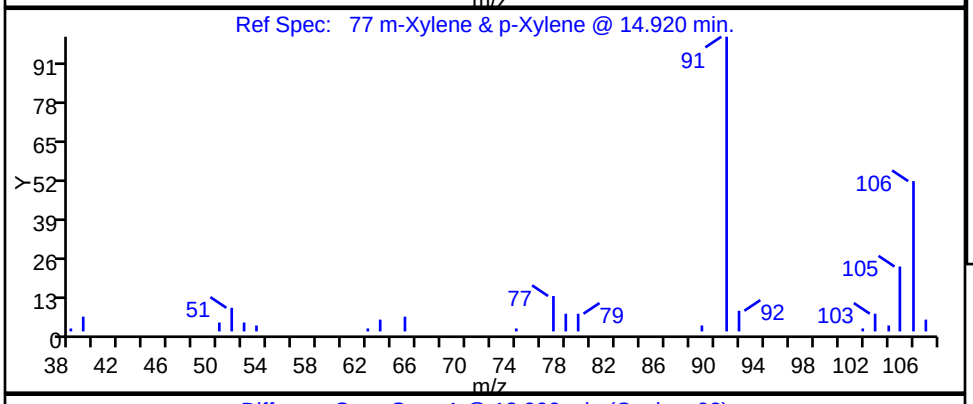
77 m-Xylene & p-Xylene, CAS: 179601-23-1

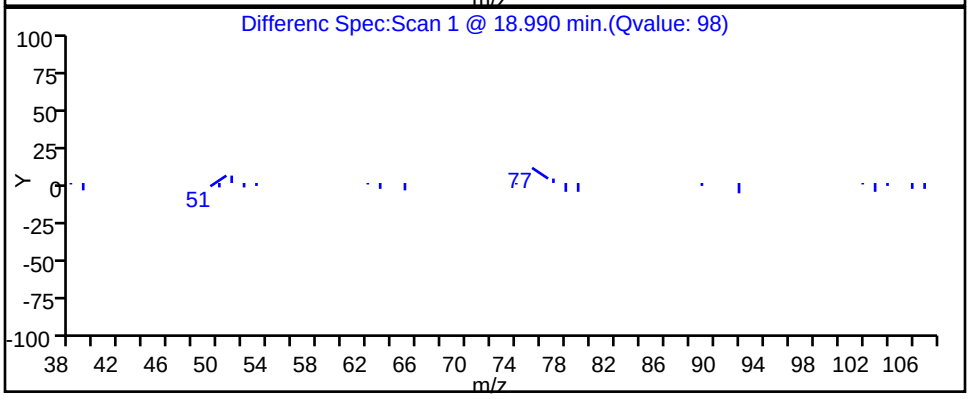












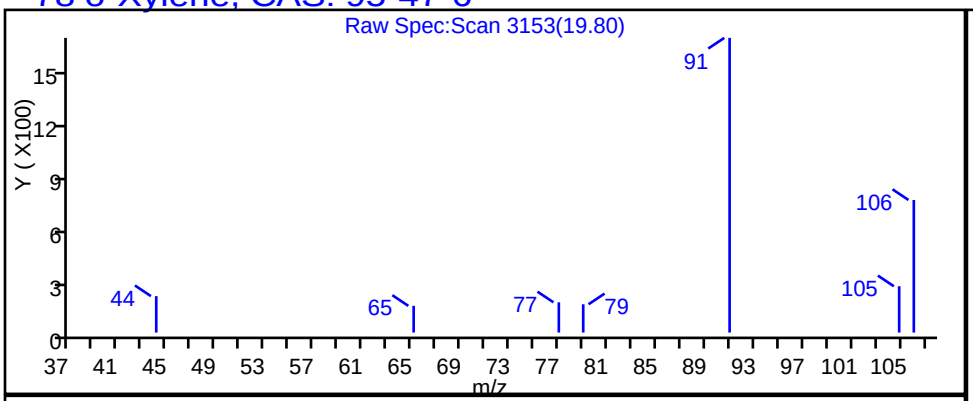
Report Date: 29-Jan-2015 15:08:58 Chrom Revision: 2.2 15-Jan-2015 13:05:58

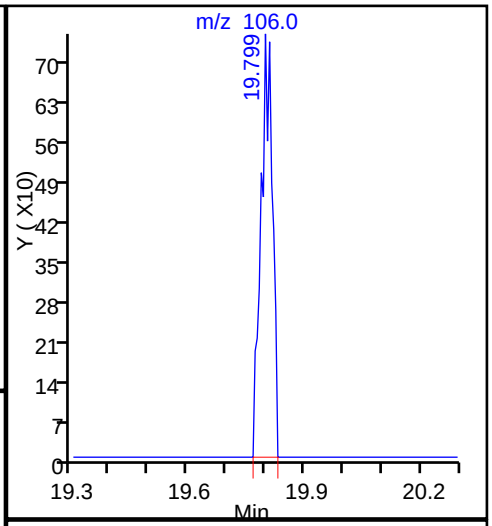
TestAmerica Burlington

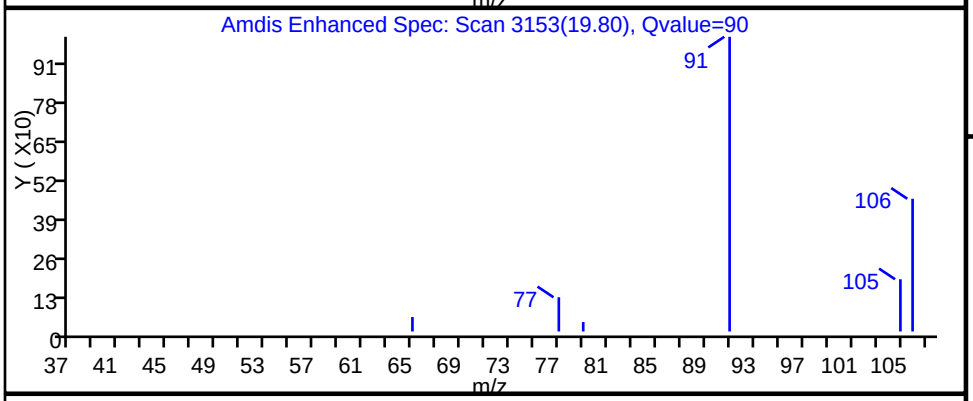
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D

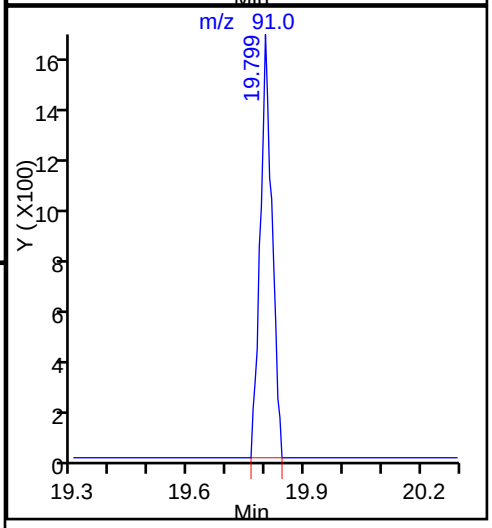
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

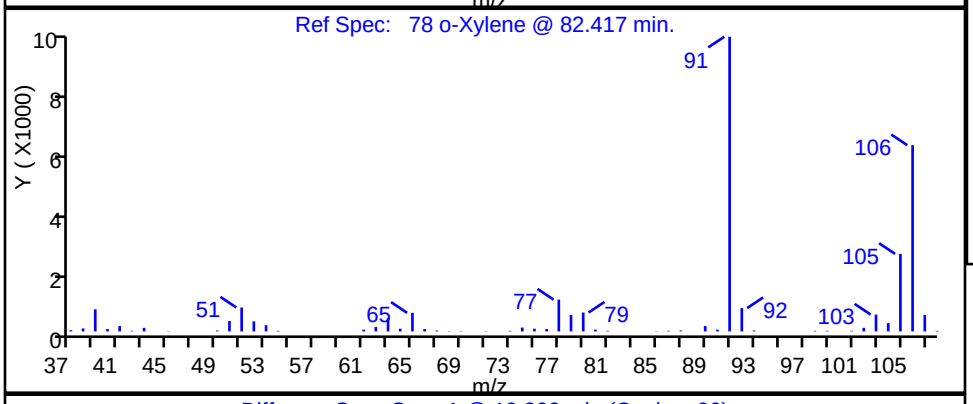
78 o-Xylene, CAS: 95-47-6

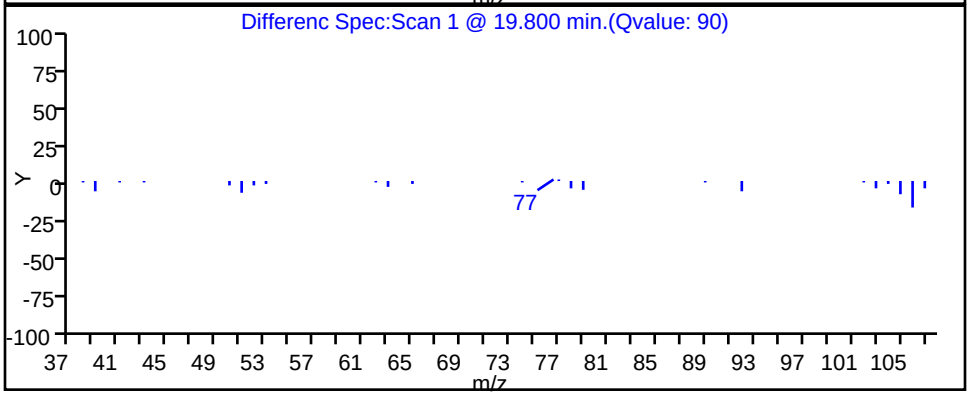










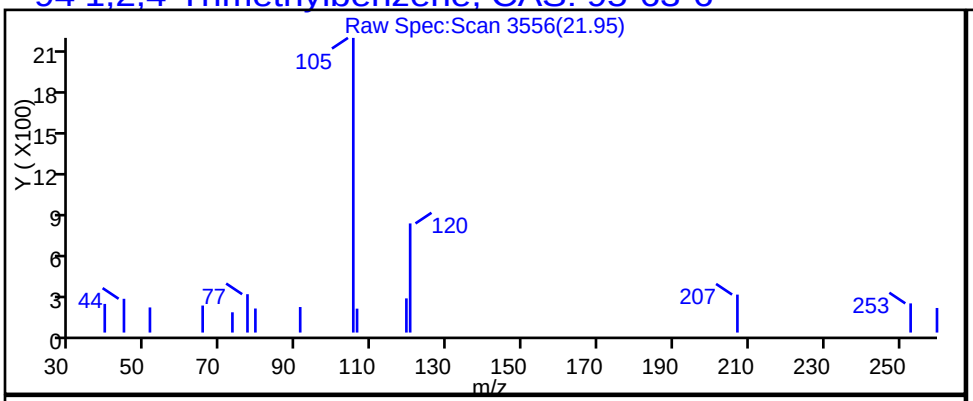


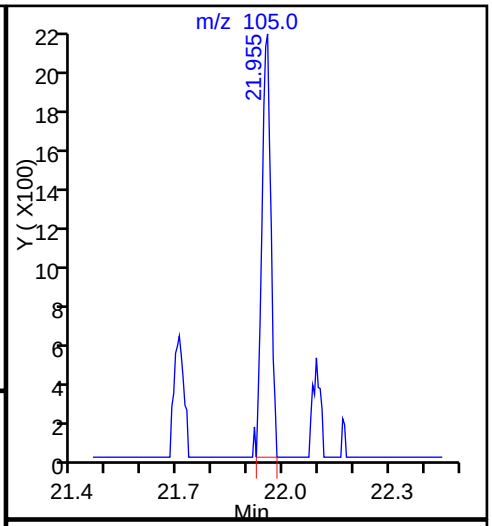
Report Date: 29-Jan-2015 15:08:58 Chrom Revision: 2.2 15-Jan-2015 13:05:58

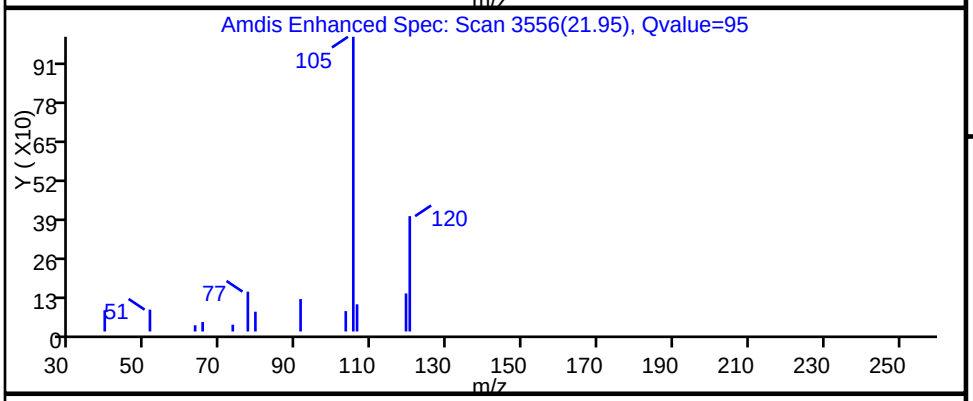
TestAmerica Burlington

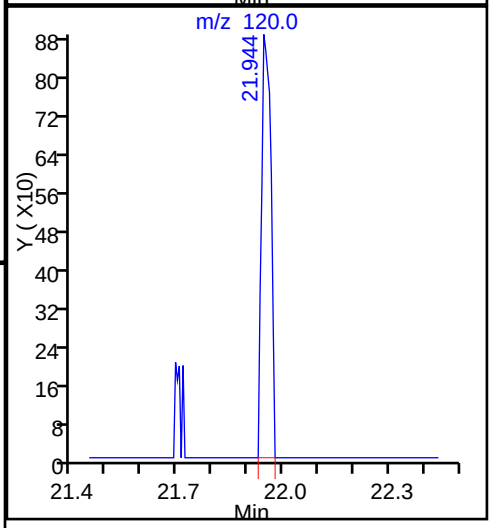
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D				
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

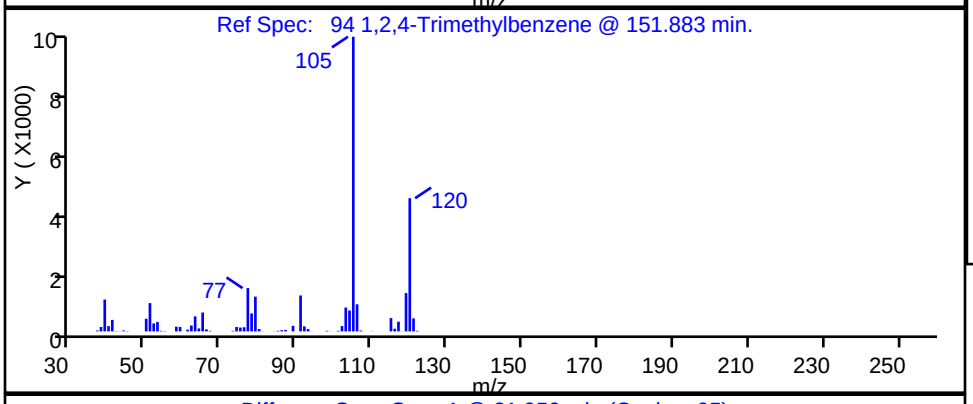
94 1,2,4-Trimethylbenzene, CAS: 95-63-6

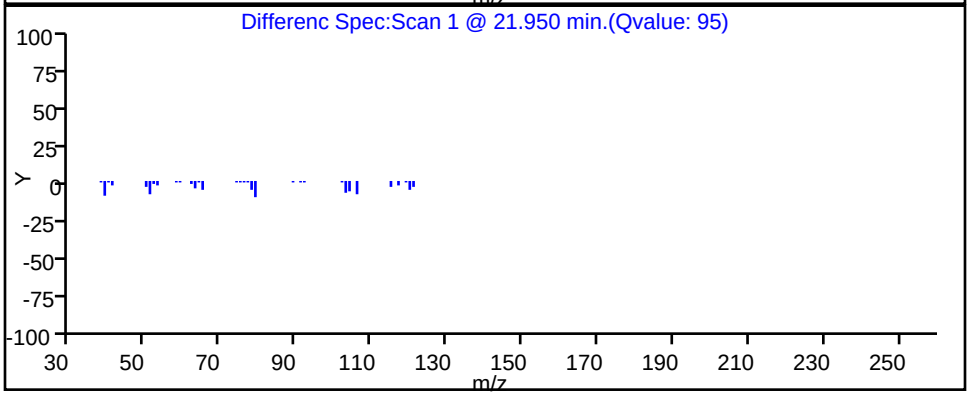












Manual Integration/User Assign Peak Report

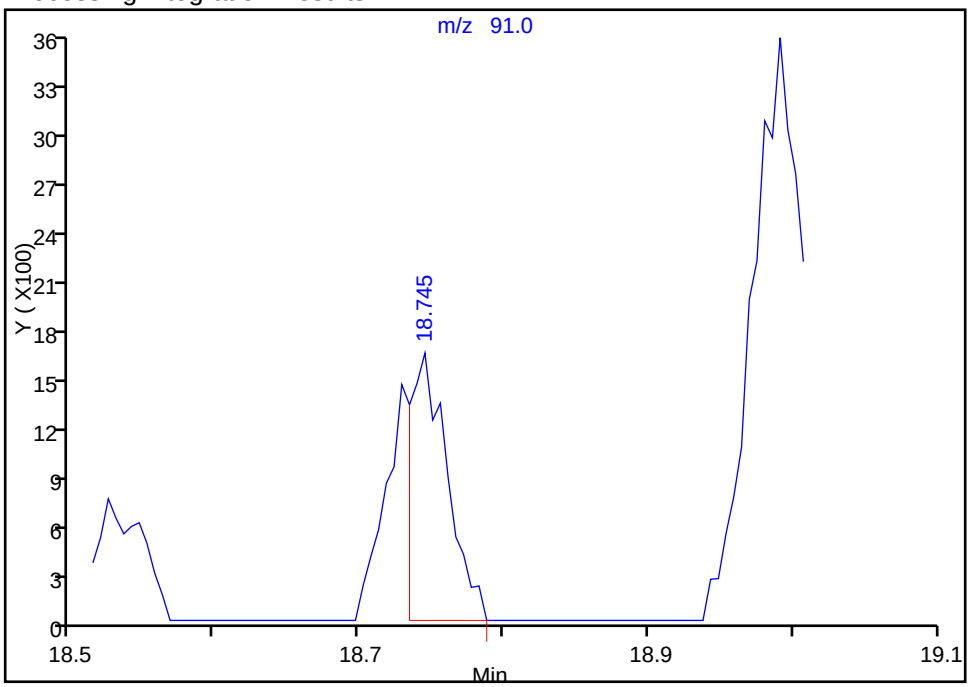
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D				
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

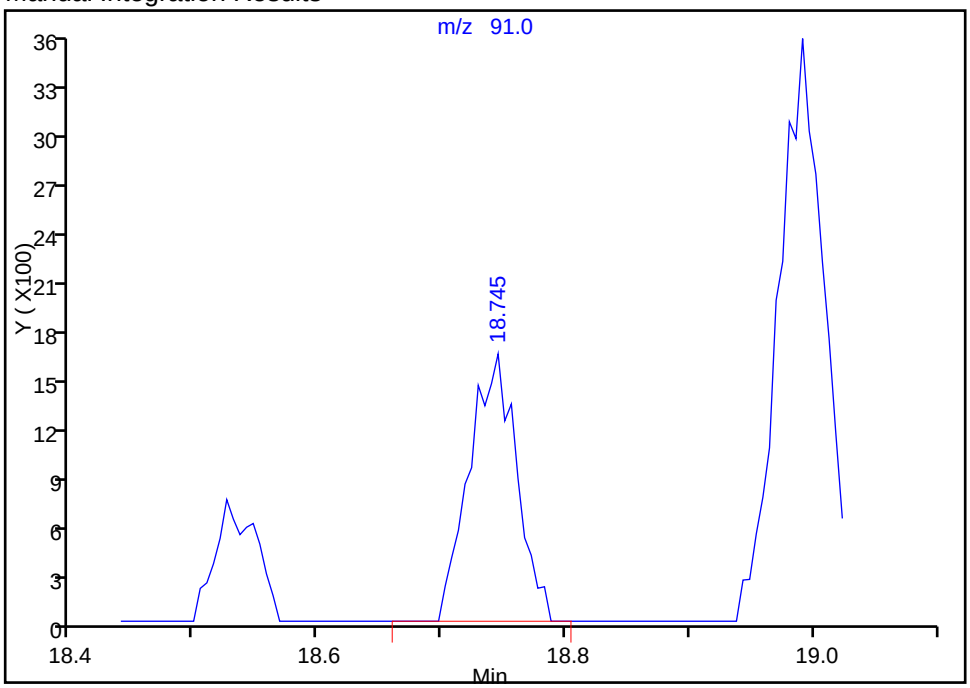
Processing Integration Results

RT: 18.75
Area: 2943
Amount: 0.032393
Amount Units: ppb v/v



Manual Integration Results

RT: 18.75
Area: 4350
Amount: 0.047879
Amount Units: ppb v/v



Reviewer: desjardinsb, 29-Jan-2015 15:08:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

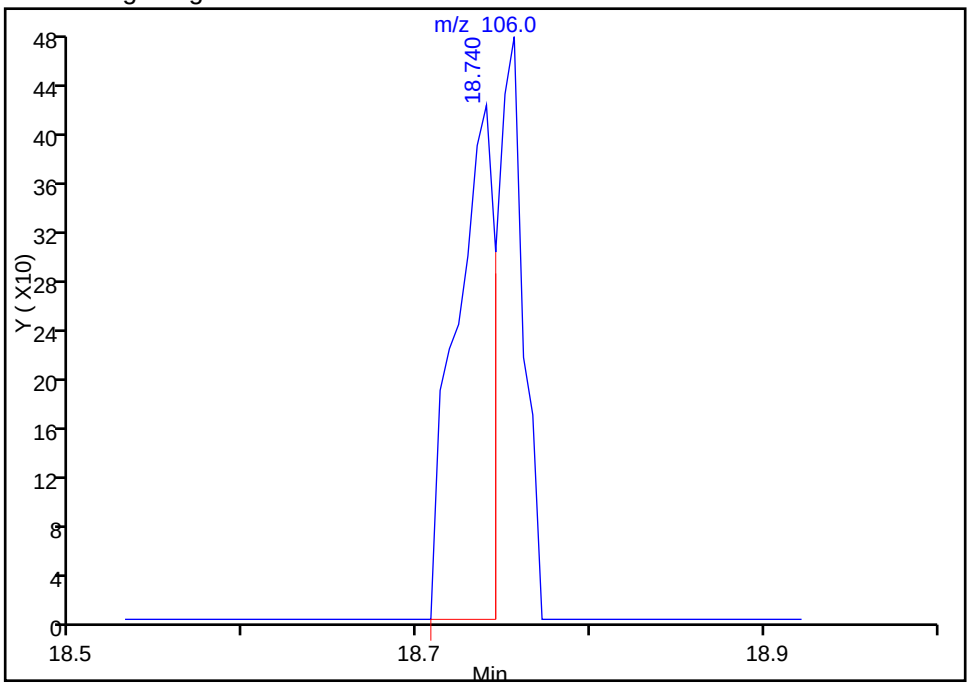
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-005.D				
Injection Date:	29-Jan-2015 14:07:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-24	Lab Sample ID:	200-64806-24		
Client ID:	785IA14				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

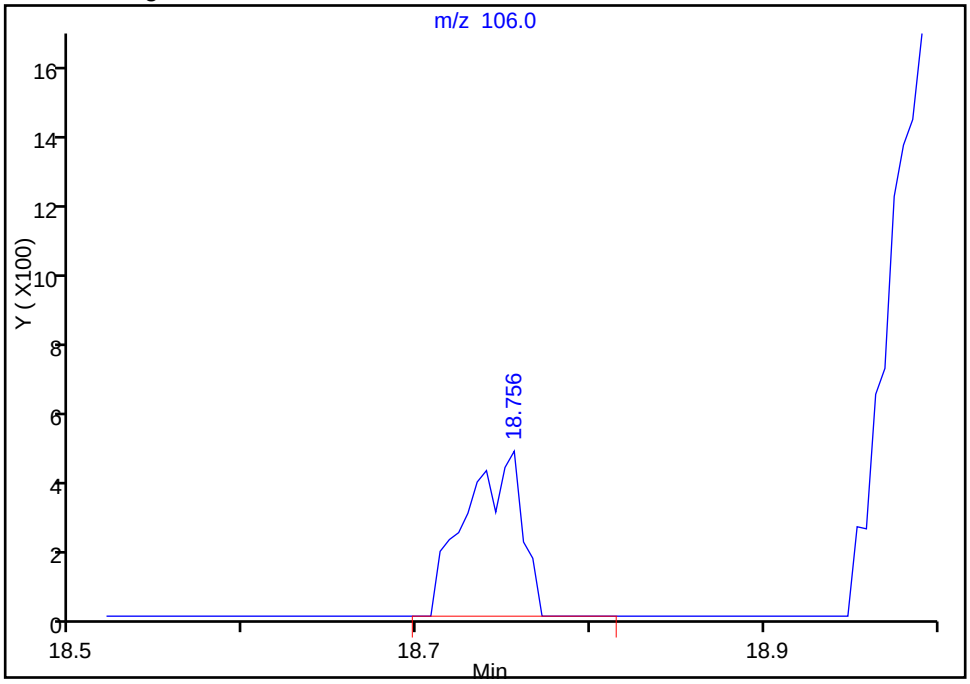
Processing Integration Results

RT: 18.74
Area: 659
Amount: 0.032393
Amount Units: ppb v/v



Manual Integration Results

RT: 18.76
Area: 1072
Amount: 0.047879
Amount Units: ppb v/v



Reviewer: desjardinsb, 29-Jan-2015 15:08:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786IA13 Lab Sample ID: 280-64806-25

Matrix: Air Lab File ID: 11918_13.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:00

Sample wt/vol: 294(mL) Date Analyzed: 02/02/2015 19:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.60		0.50	0.056
75-45-6	Freon 22	86.47	0.28	J	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.72		0.50	0.060
106-97-8	n-Butane	58.12	0.89		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.045
76-13-1	Freon TF	187.38	0.086	J M	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.9	J	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.21	J	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	J M	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.11	J	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.36	J M	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.087	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.16	J	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786IA13 Lab Sample ID: 280-64806-25

Matrix: Air Lab File ID: 11918_13.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:00

Sample wt/vol: 294(mL) Date Analyzed: 02/02/2015 19:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.064	J	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.14	J	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.049	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.085	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.031	J	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.12	J	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786IA13 Lab Sample ID: 280-64806-25

Matrix: Air Lab File ID: 11918_13.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:00

Sample wt/vol: 294(mL) Date Analyzed: 02/02/2015 19:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786IA13 Lab Sample ID: 280-64806-25

Matrix: Air Lab File ID: 11918_13.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:00

Sample wt/vol: 294(mL) Date Analyzed: 02/02/2015 19:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.0		2.5	0.28
75-45-6	Freon 22	86.47	1.0	J	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	1.5		1.0	0.12
106-97-8	n-Butane	58.12	2.1		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.25
76-13-1	Freon TF	187.38	0.66	J M	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	6.8	J	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.66	J	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.70	J M	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.37	J	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	1.1	J M	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.55	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.52	J	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786IA13 Lab Sample ID: 280-64806-25

Matrix: Air Lab File ID: 11918_13.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:00

Sample wt/vol: 294(mL) Date Analyzed: 02/02/2015 19:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.26	J	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.51	J	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.21	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.37	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.14	J	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.50	J	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786IA13 Lab Sample ID: 280-64806-25

Matrix: Air Lab File ID: 11918_13.D

Analysis Method: TO-15 Date Collected: 01/26/2015 10:00

Sample wt/vol: 294(mL) Date Analyzed: 02/02/2015 19:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D
Lims ID: 280-64806-A-25 Lab Sample ID: 200-64806-25
Client ID: 786IA13
Sample Type: Client
Inject. Date: 02-Feb-2015 19:25:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011918-013
Misc. Info.: 64806-25
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 03-Feb-2015 09:43:15 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: lyonsb Date: 03-Feb-2015 09:09:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	2.833	2.827	0.006	100	63687	0.6016	
3 Chlorodifluoromethane	51	2.886	2.881	0.005	98	17530	0.2835	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.095				ND	
5 Chloromethane	50	3.228	3.223	0.005	99	22242	0.7215	
6 Butane	43	3.432	3.426	0.006	95	40446	0.8890	
7 Vinyl chloride	62		3.469				ND	
8 Butadiene	54		3.549				ND	
9 Bromomethane	94		4.229				ND	
10 Chloroethane	64	4.486	4.480	0.006	12	562	0.0482	
12 Vinyl bromide	106		4.881				ND	
13 Trichlorofluoromethane	101	5.005	4.994	0.011	95	22860	0.2490	
19 1,1,2-Trichloro-1,2,2-trif	101	6.128	6.123	0.006	54	4714	0.0859	M
20 1,1-Dichloroethene	96		6.155				ND	
21 Acetone	43	6.411	6.401	0.010	82	143365	2.88	
22 Carbon disulfide	76	6.529	6.529	0.000	96	15203	0.2113	
23 Isopropyl alcohol	45		6.743				ND	
24 3-Chloro-1-propene	41		6.968				ND	
26 Methylene Chloride	49	7.267	7.267	0.000	78	7959	0.2013	M
27 2-Methyl-2-propanol	59		7.546				ND	
28 Methyl tert-butyl ether	73		7.711				ND	
29 trans-1,2-Dichloroethene	61		7.727				ND	
31 Hexane	57	8.150	8.150	0.000	58	3512	0.1056	
32 1,1-Dichloroethane	63		8.615				ND	
34 cis-1,2-Dichloroethene	96		9.744				ND	
35 2-Butanone (MEK)	72	9.830	9.814	0.016	96	4108	0.3618	M
S 37 1,2-Dichloroethene, Total	61		10.200				ND	
* 38 Chlorobromomethane	128	10.210	10.210	0.000	93	258250	10.0	
39 Tetrahydrofuran	42		10.231				ND	
40 Chloroform	83		10.359				ND	
41 Cyclohexane	84		10.611				ND	
42 1,1,1-Trichloroethane	97		10.627				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	43 Carbon tetrachloride	117	10.879	10.884	-0.006	91	7298	0.0872	
	44 Benzene	78	11.355	11.344	0.011	94	13397	0.1643	
	45 Isooctane	57		11.349				ND	
	46 1,2-Dichloroethane	62		11.526				ND	
	47 n-Heptane	43	11.767	11.750	0.017	65	3702	0.0636	
*	48 1,4-Difluorobenzene	114	12.205	12.205	0.000	98	1290440	10.0	
	50 Trichloroethene	95		12.665				ND	
	52 1,2-Dichloropropane	63		13.216				ND	
	53 Methyl methacrylate	69		13.425				ND	
	54 1,4-Dioxane	88		13.457				ND	
	56 Dichlorobromomethane	83		13.778				ND	
	58 cis-1,3-Dichloropropene	75		14.768				ND	
	59 4-Methyl-2-pentanone (MIBK	43		15.089				ND	
	61 Toluene	92	15.388	15.388	0.000	86	6985	0.1358	
	64 trans-1,3-Dichloropropene	75		16.009				ND	
	65 1,1,2-Trichloroethane	83		16.383				ND	
	66 Tetrachloroethene	166		16.506				ND	
	67 2-Hexanone	43		16.875				ND	
	68 Chlorodibromomethane	129		17.164				ND	
	69 Ethylene Dibromide	107		17.432				ND	
*	70 Chlorobenzene-d5	117	18.363	18.363	0.000	96	1118635	10.0	
	71 Chlorobenzene	112		18.421				ND	
	72 Ethylbenzene	91	18.598	18.593	0.005	44	5610	0.0486	
	74 m-Xylene & p-Xylene	106	18.850	18.849	0.001	0	3810	0.0851	
	75 o-Xylene	106	19.706	19.700	0.006	27	1404	0.0314	
	76 Styrene	104		19.748				ND	
S	77 Xylenes, Total	106				0		0.1165	
	78 Bromoform	173		20.165				ND	
	79 Isopropylbenzene	105		20.406				ND	
*	80 4-Bromofluorobenzene	95	20.770	20.770	0.000	86	887138	10.0	
	81 1,1,2,2-Tetrachloroethane	83		21.054				ND	
	82 N-Propylbenzene	91		21.139				ND	
	84 2-Chlorotoluene	91		21.332				ND	
	85 4-Ethyltoluene	105		21.332				ND	
	87 1,3,5-Trimethylbenzene	105		21.444				ND	
	89 tert-Butylbenzene	119		21.936				ND	
	90 1,2,4-Trimethylbenzene	105		22.027				ND	
	91 sec-Butylbenzene	105		22.263				ND	
	92 4-Isopropyltoluene	119		22.466				ND	
	93 1,3-Dichlorobenzene	146		22.482				ND	
	94 1,4-Dichlorobenzene	146		22.616				ND	
	95 Benzyl chloride	91		22.808				ND	
	96 n-Butylbenzene	91		23.033				ND	
	98 1,2-Dichlorobenzene	146		23.140				ND	
	100 1,2,4-Trichlorobenzene	180		25.595				ND	
	101 Hexachlorobutadiene	225		25.793				ND	
	102 Naphthalene	128		26.066				ND	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

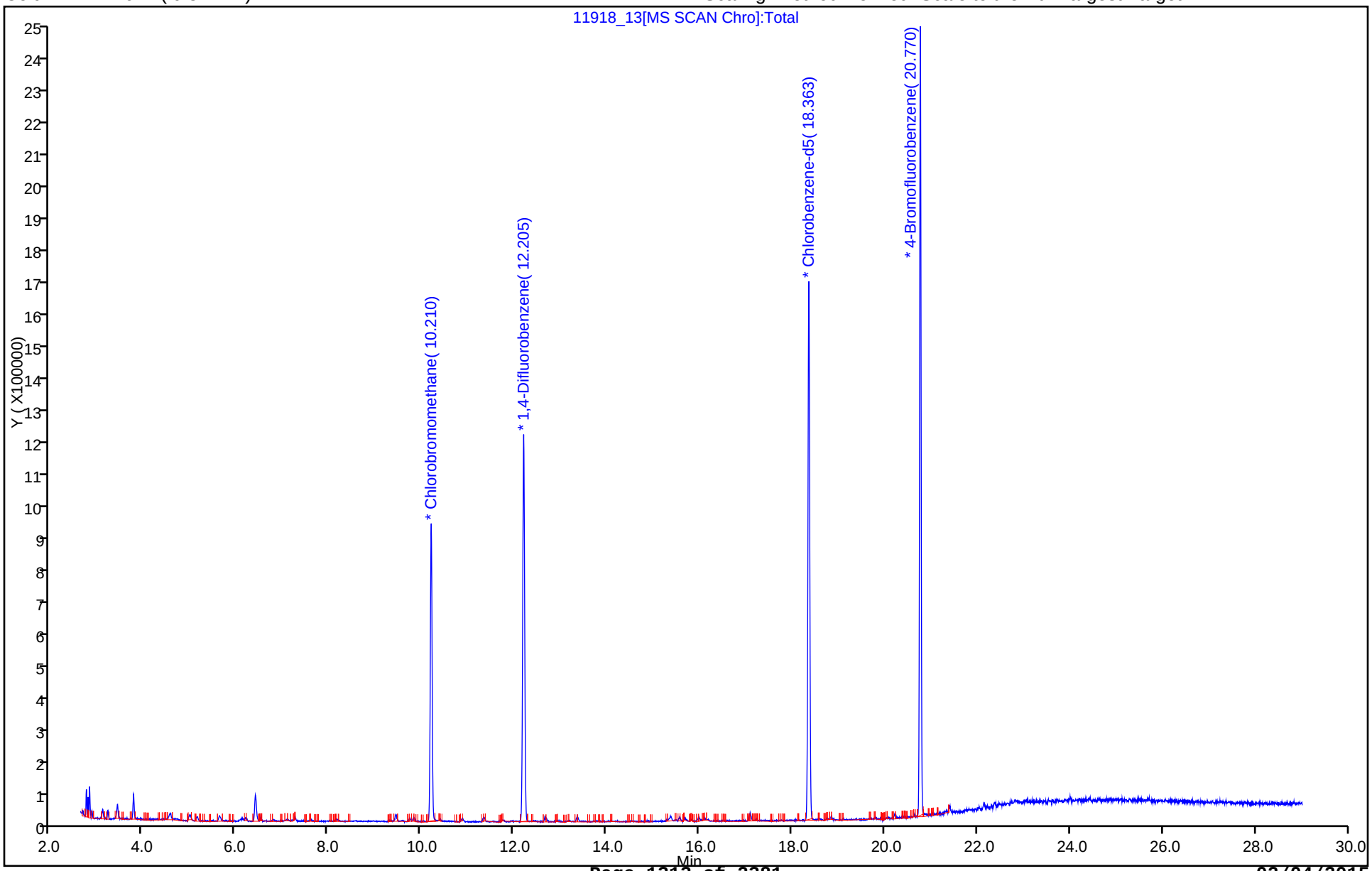
Report Date: 03-Feb-2015 09:43:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D

Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25	Worklist Smp#:	13
Client ID:	786IA13				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

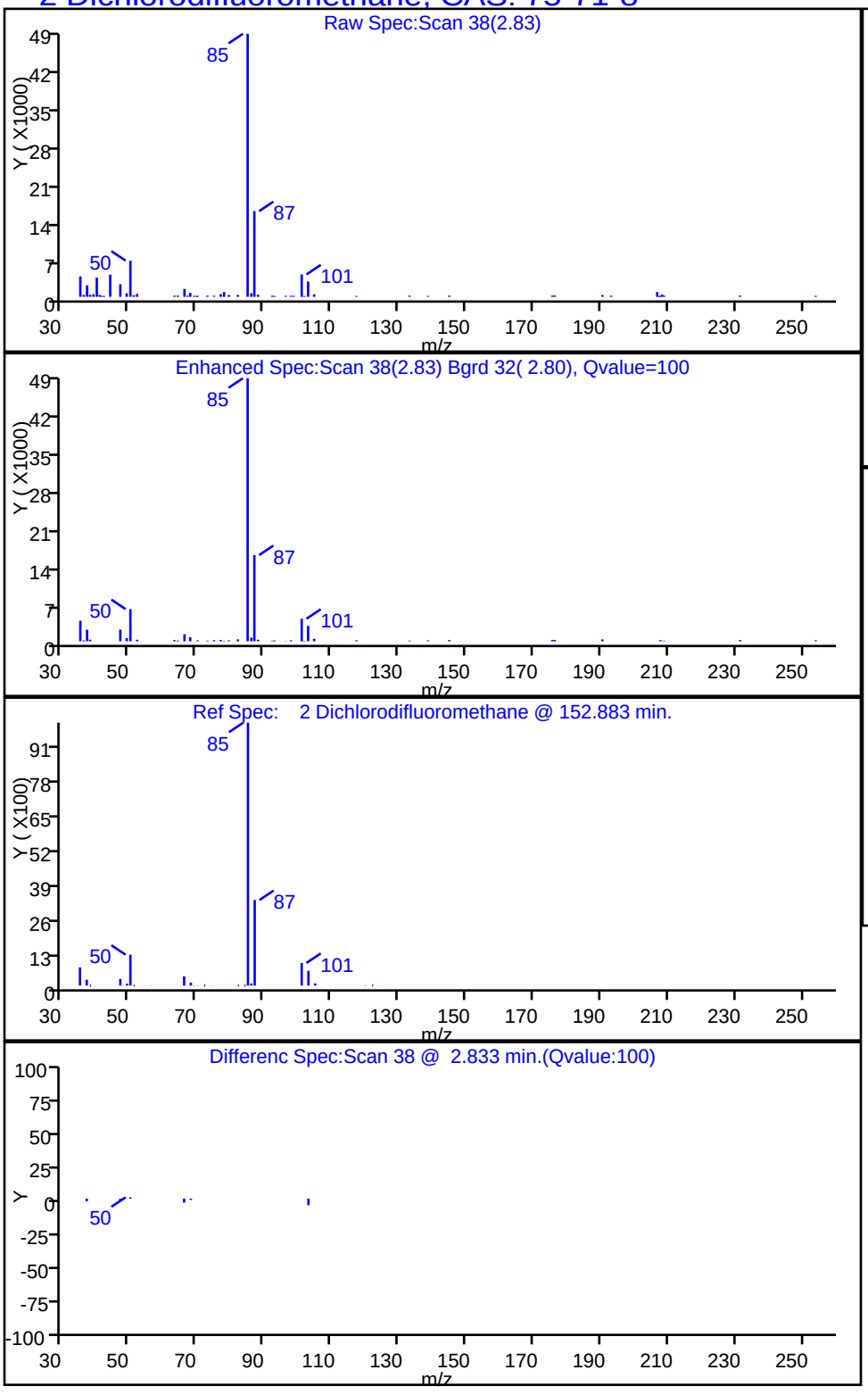


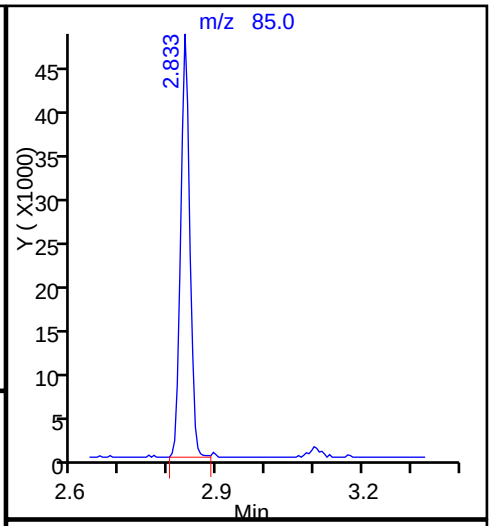
Report Date: 03-Feb-2015 09:43:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

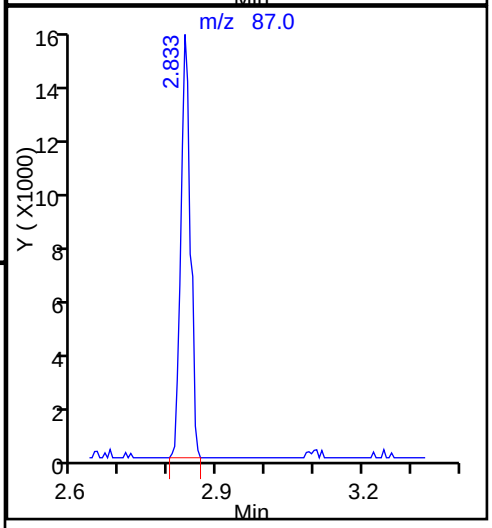
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8







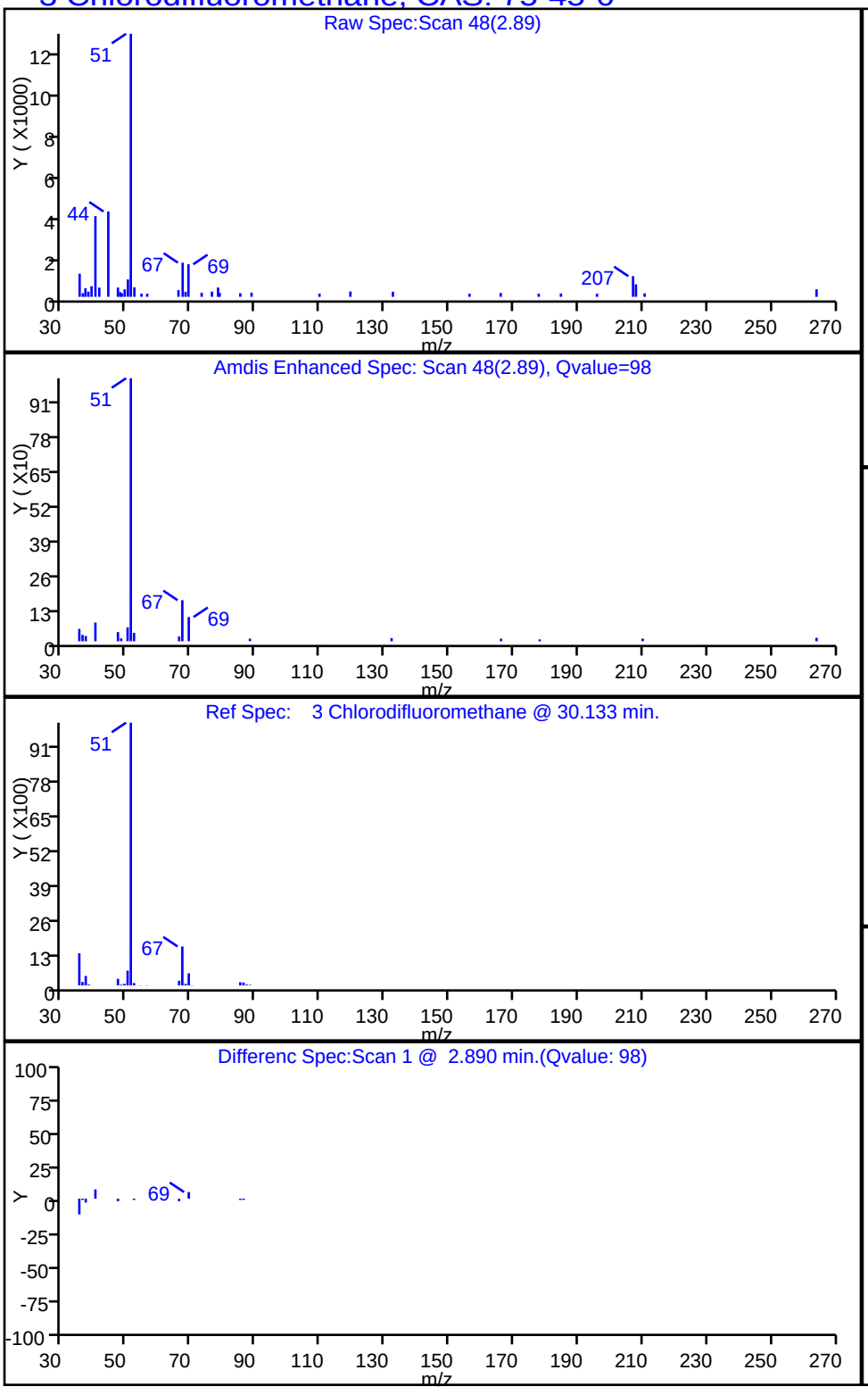
Report Date: 03-Feb-2015 09:43:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

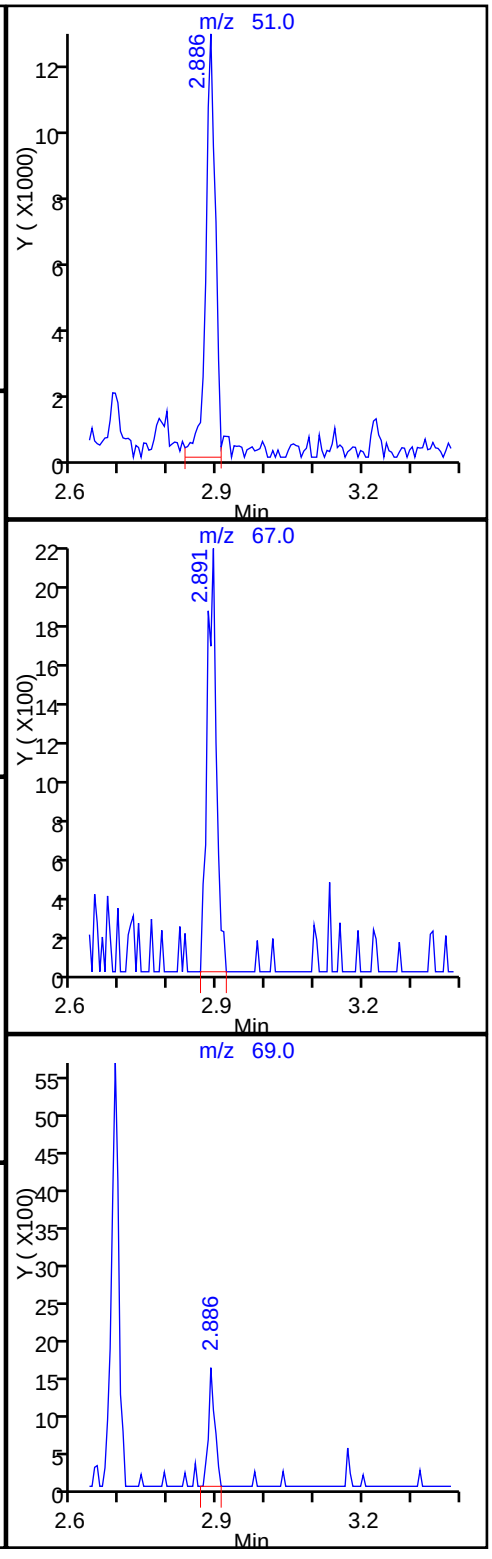
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D

Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6





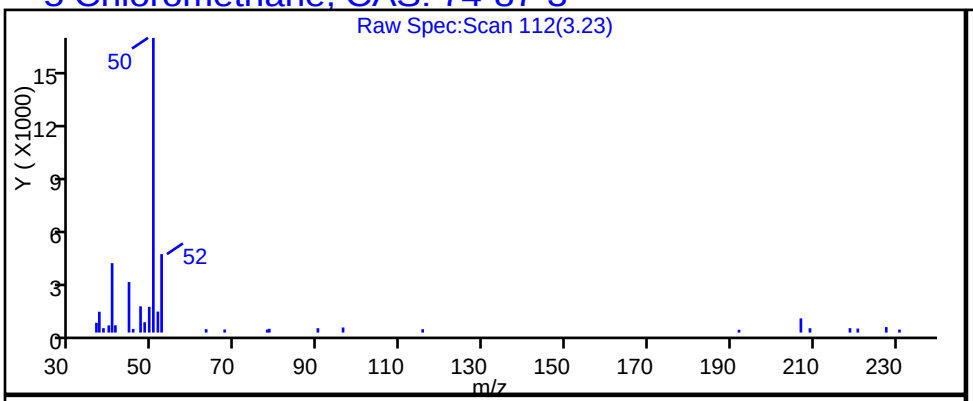
Report Date: 03-Feb-2015 09:43:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

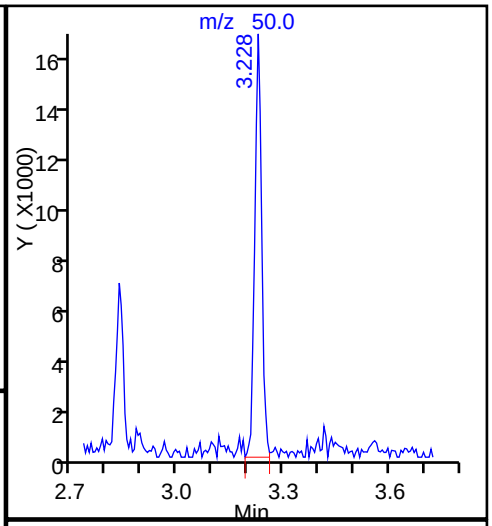
TestAmerica Burlington

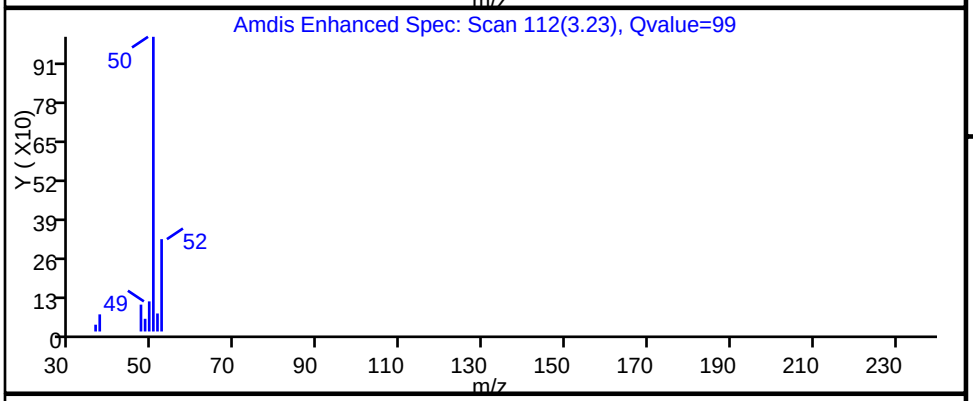
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D

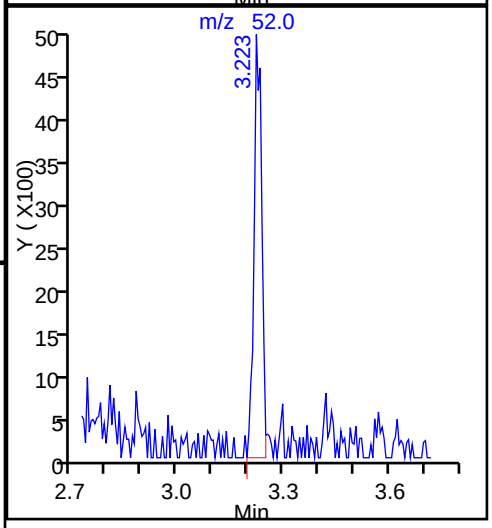
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

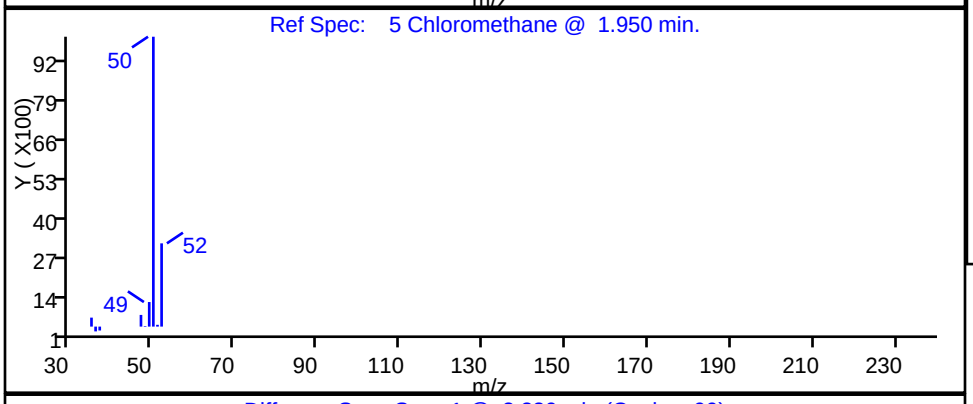
5 Chloromethane, CAS: 74-87-3

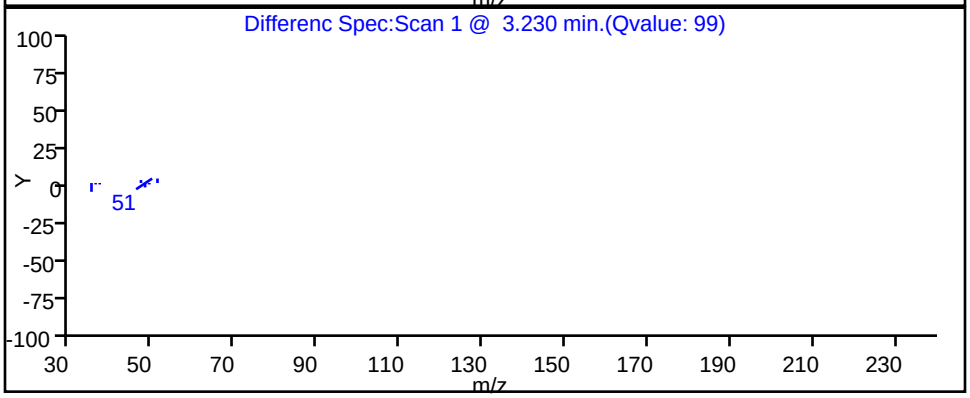








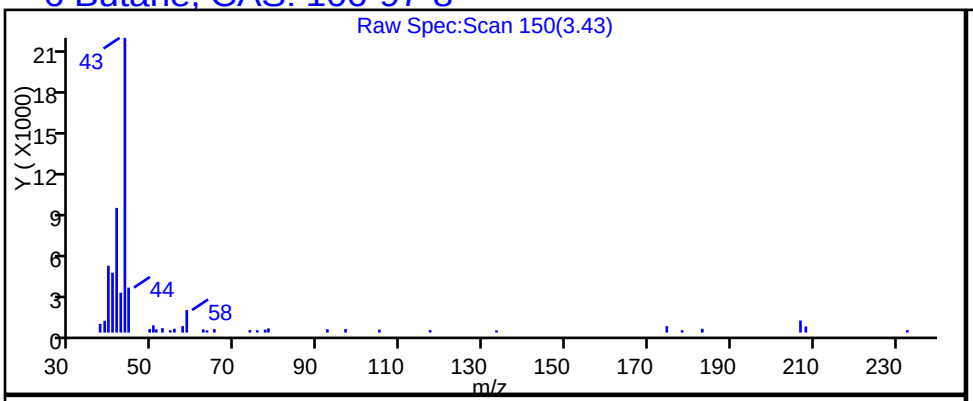


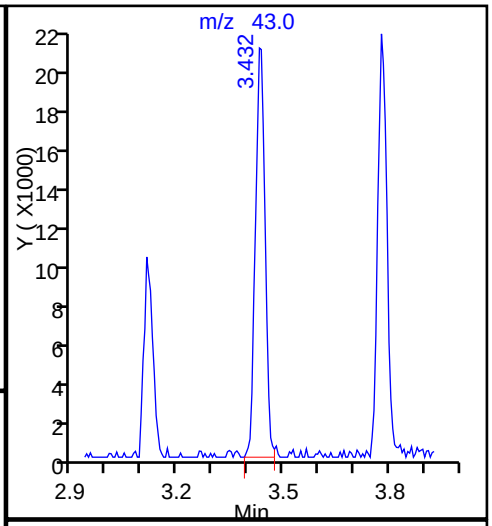


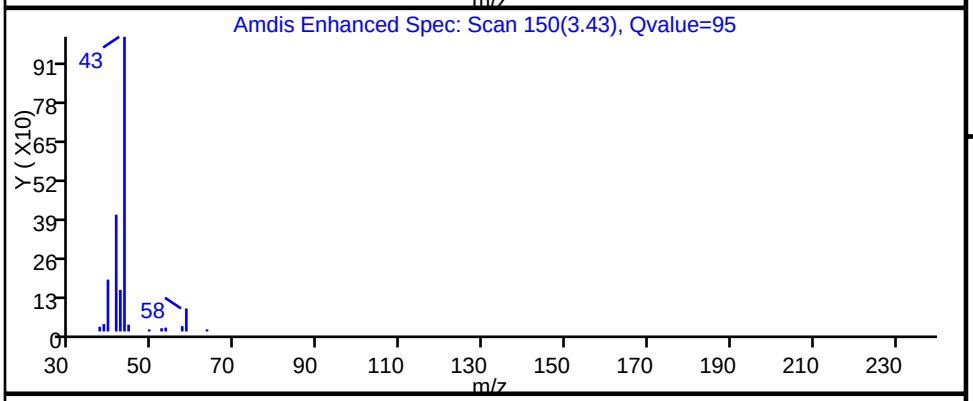
TestAmerica Burlington

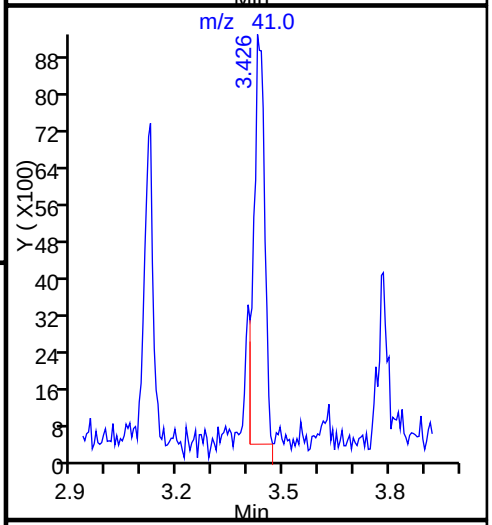
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

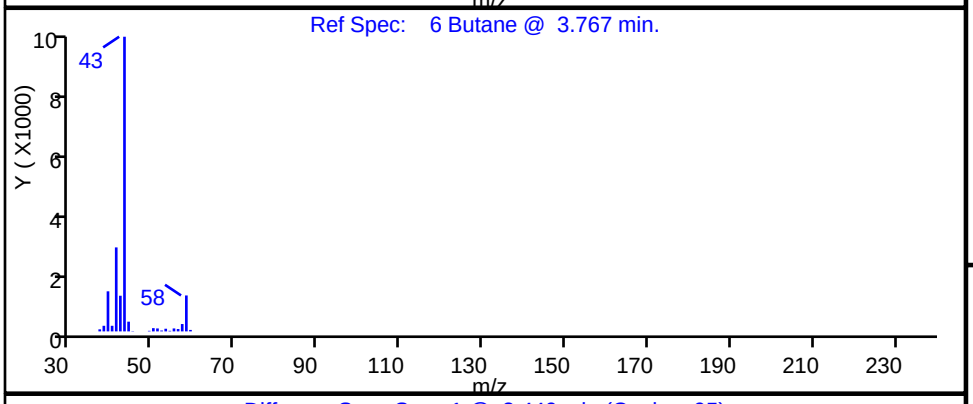
6 Butane, CAS: 106-97-8

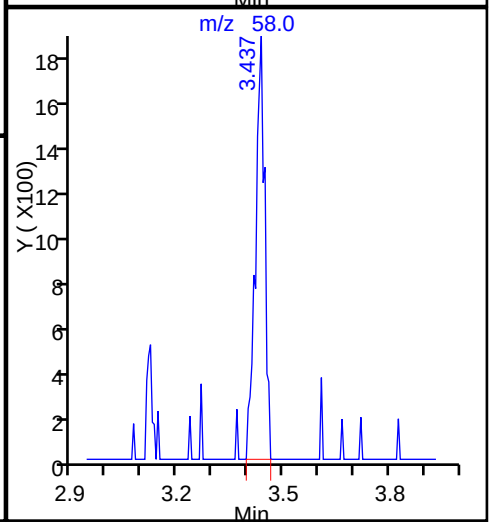


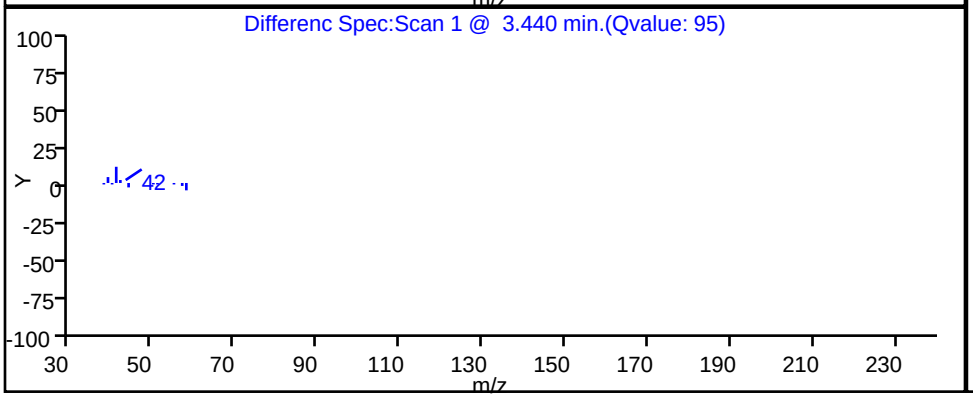












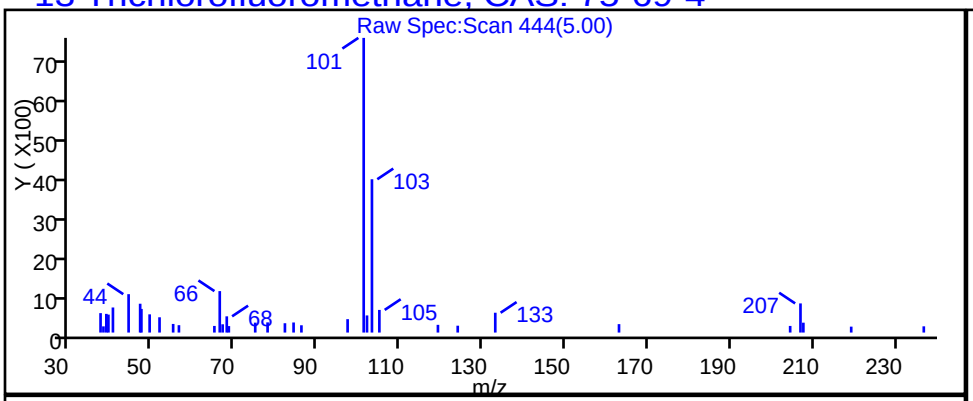
Report Date: 03-Feb-2015 09:43:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

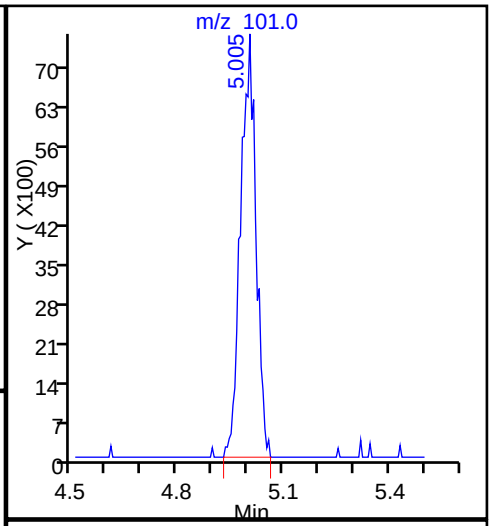
TestAmerica Burlington

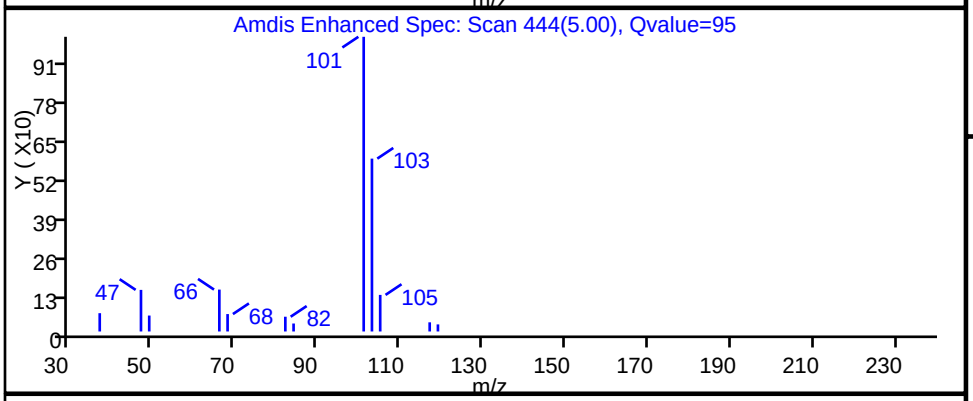
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D

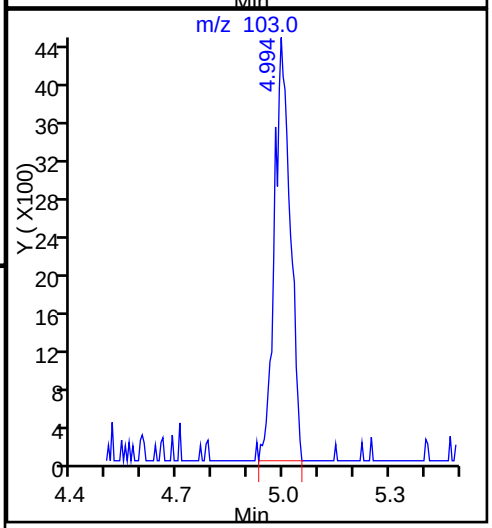
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

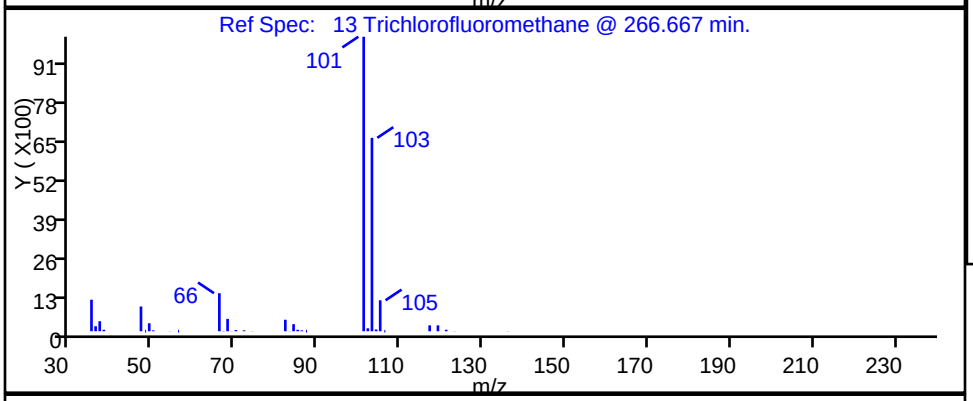
13 Trichlorofluoromethane, CAS: 75-69-4

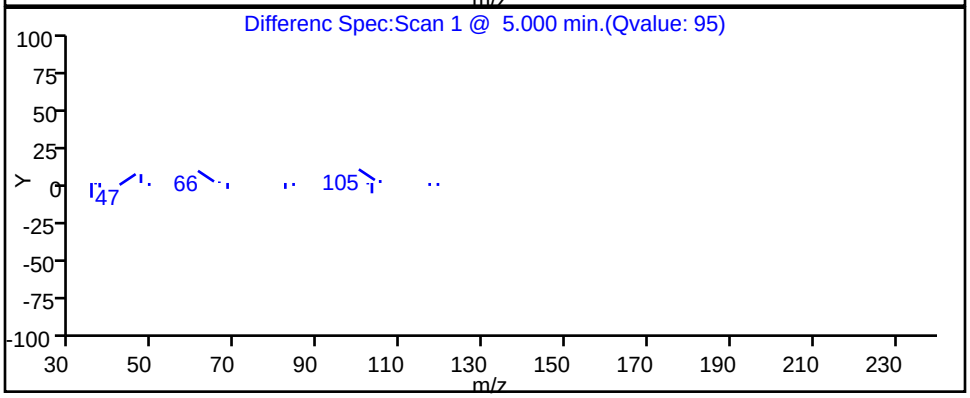








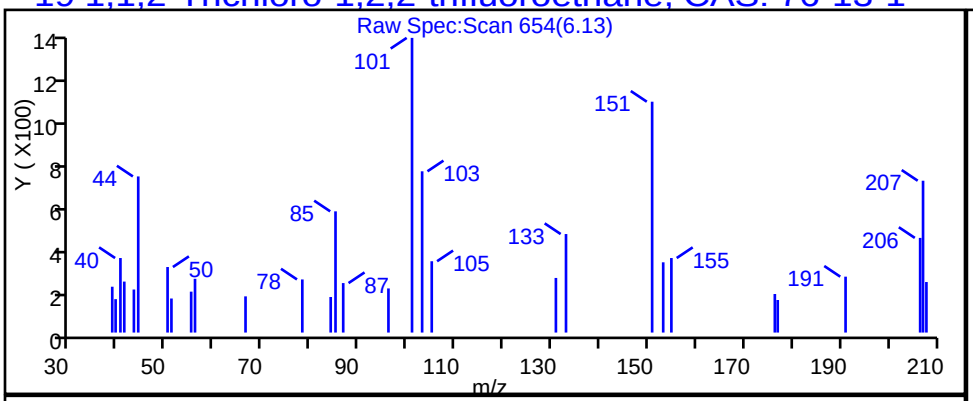


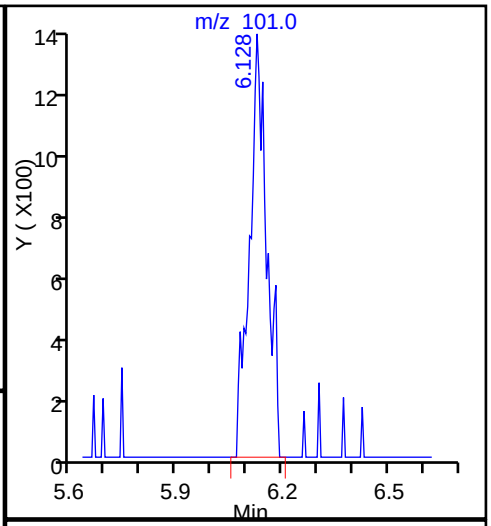


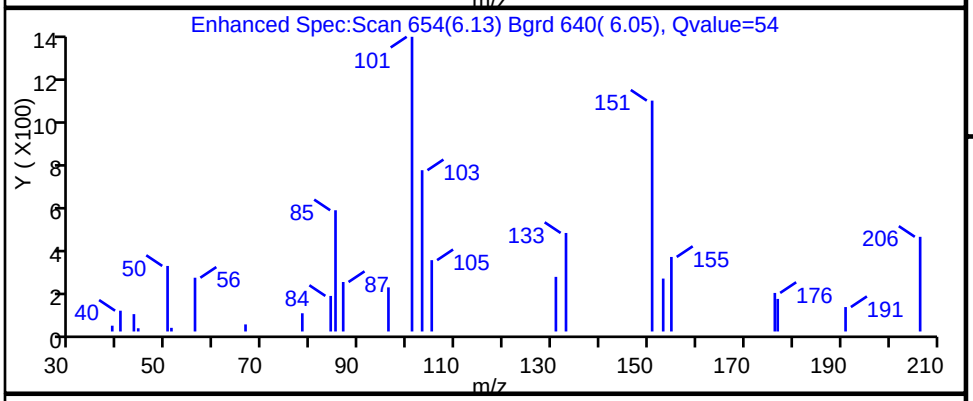
TestAmerica Burlington

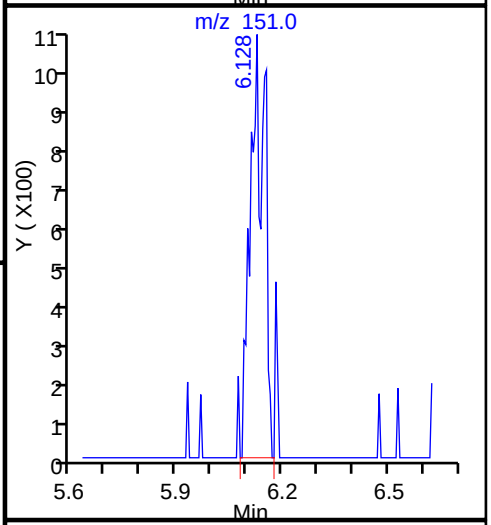
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

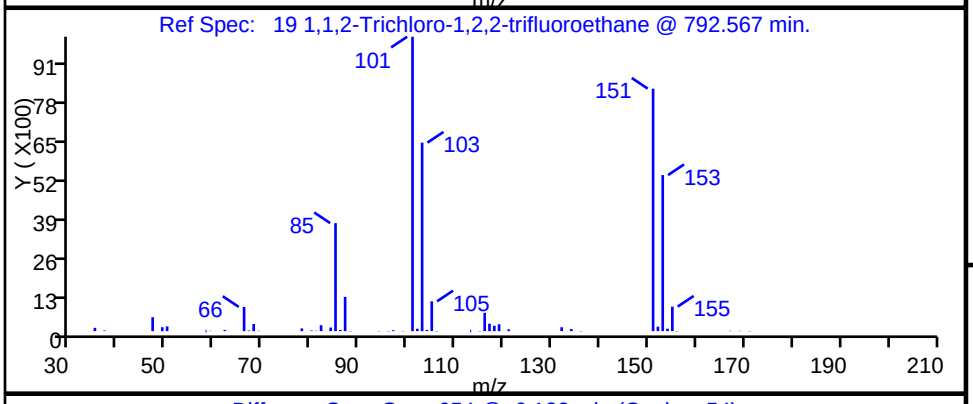
19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

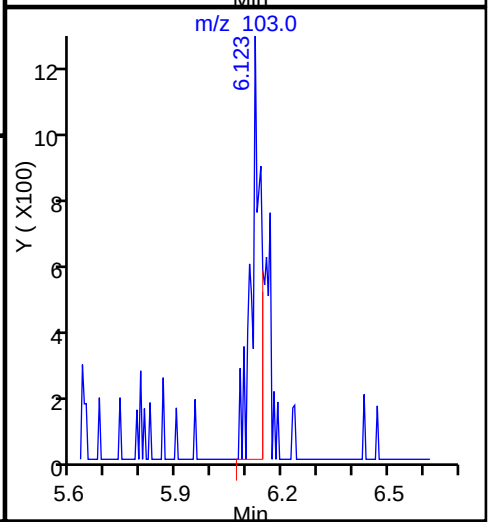


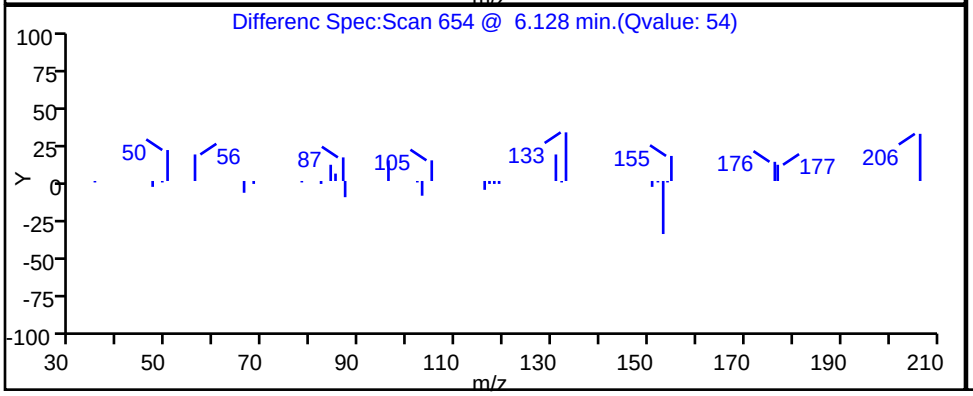










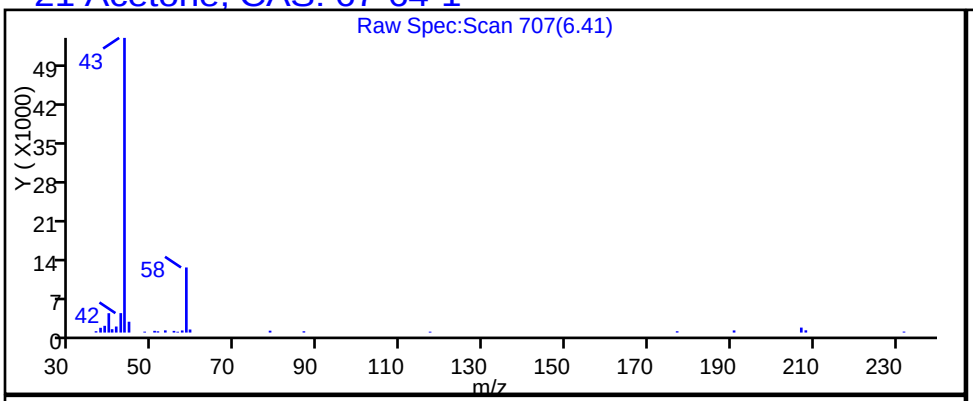


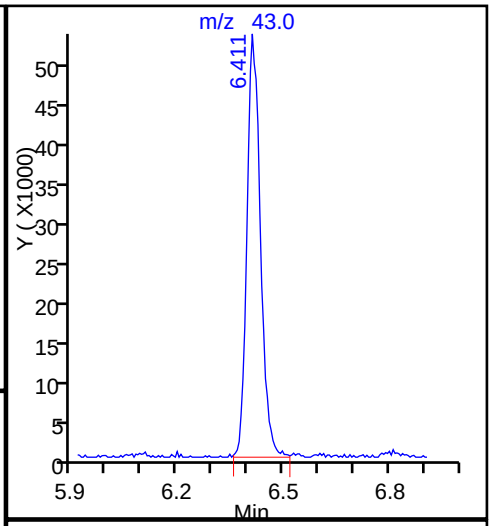
Report Date: 03-Feb-2015 09:43:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

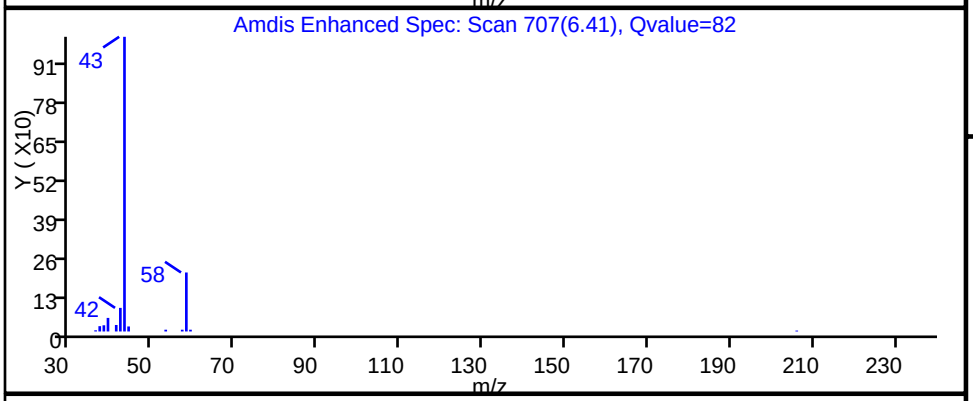
TestAmerica Burlington

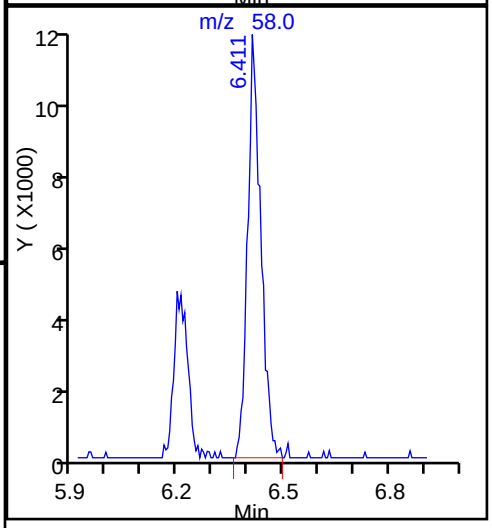
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

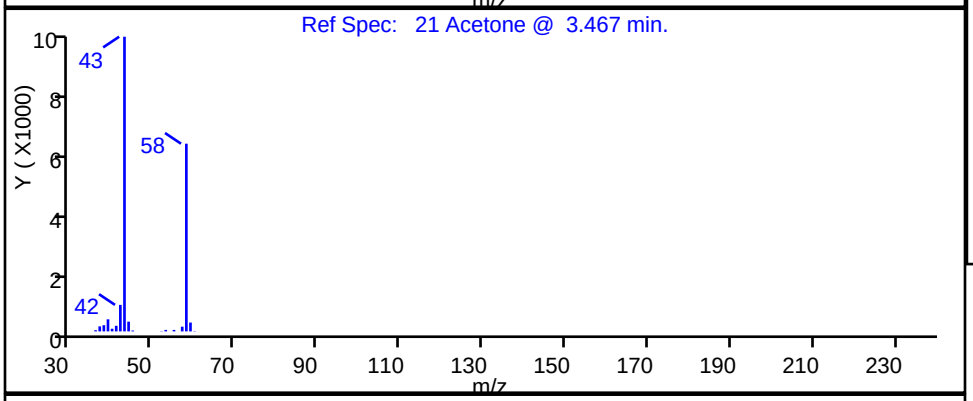
21 Acetone, CAS: 67-64-1

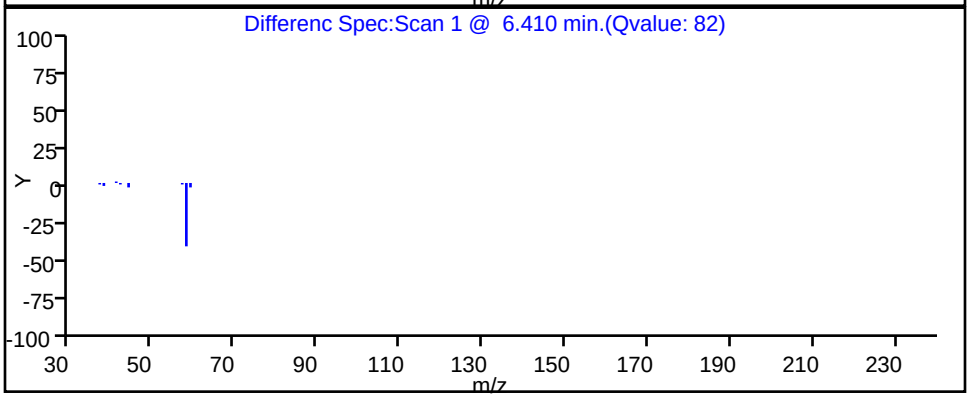








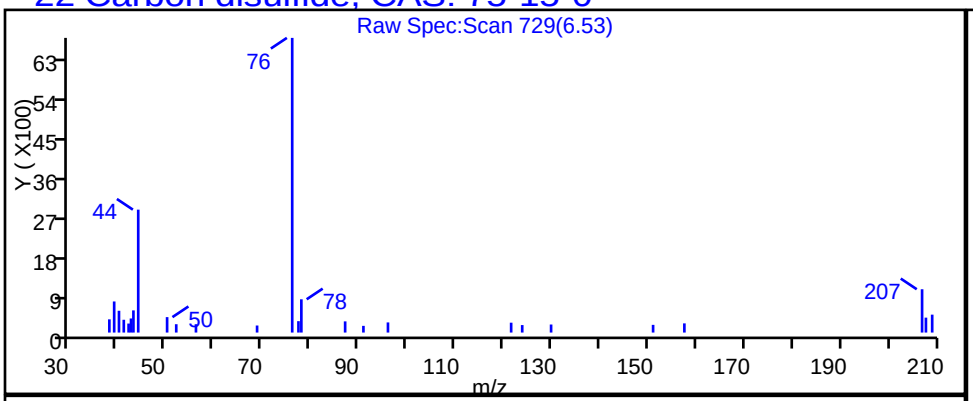


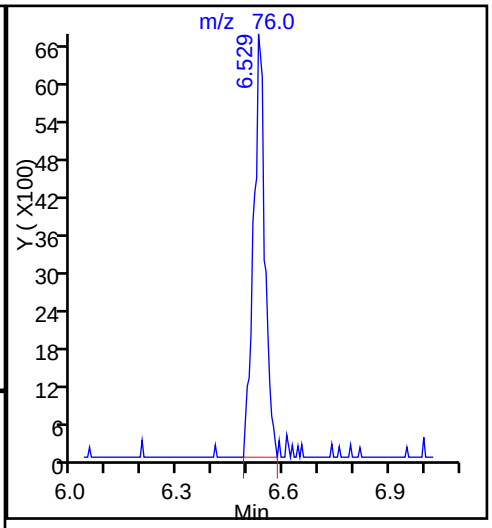


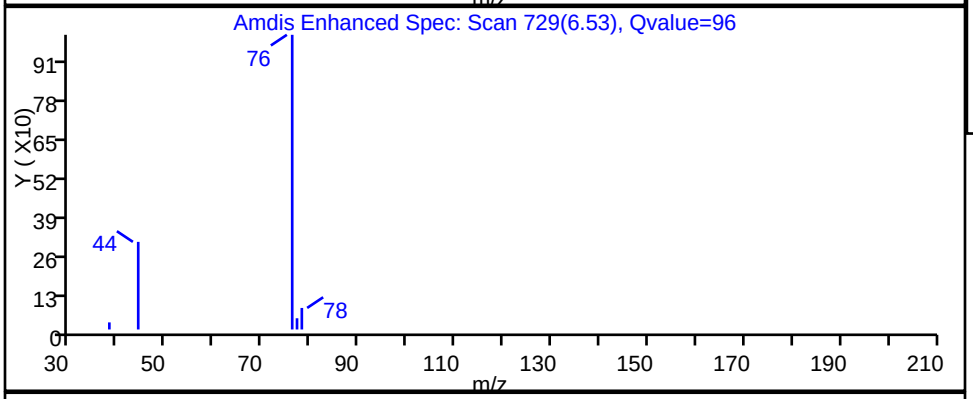
TestAmerica Burlington

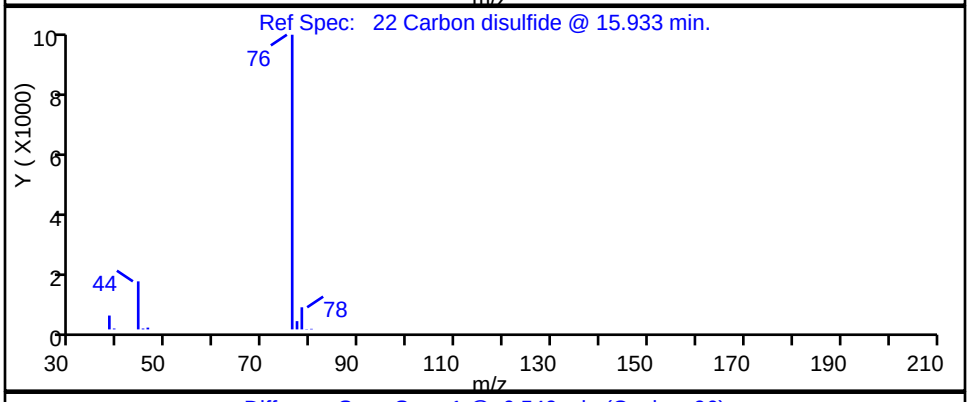
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

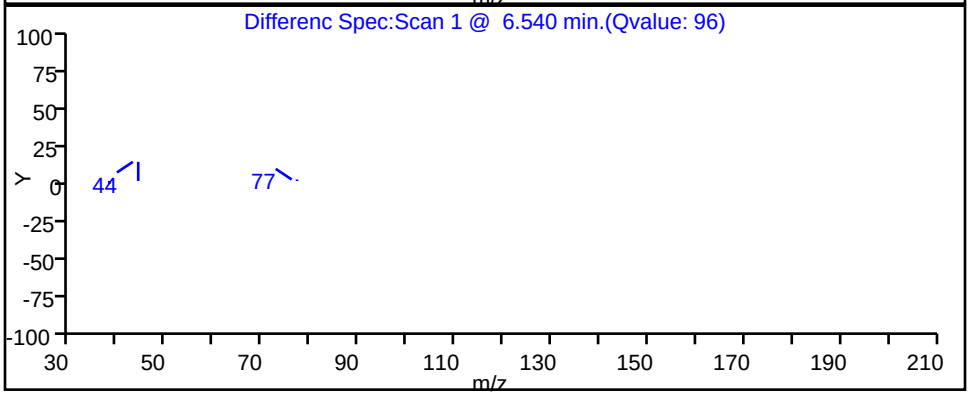
22 Carbon disulfide, CAS: 75-15-0











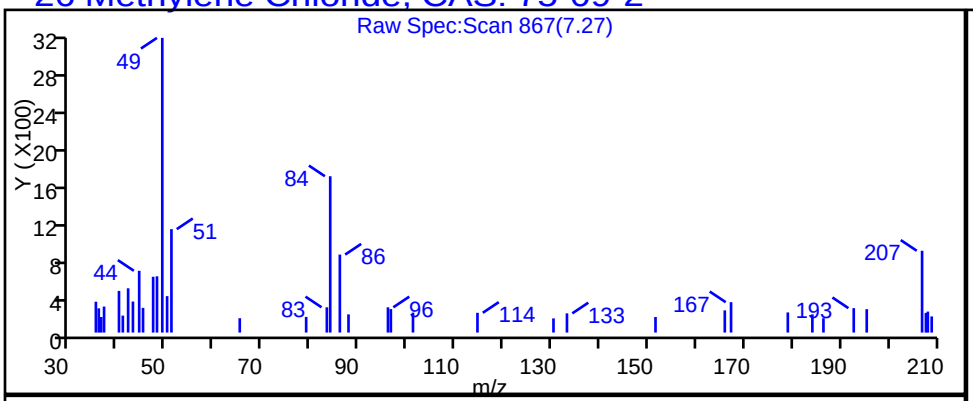
Report Date: 03-Feb-2015 09:43:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

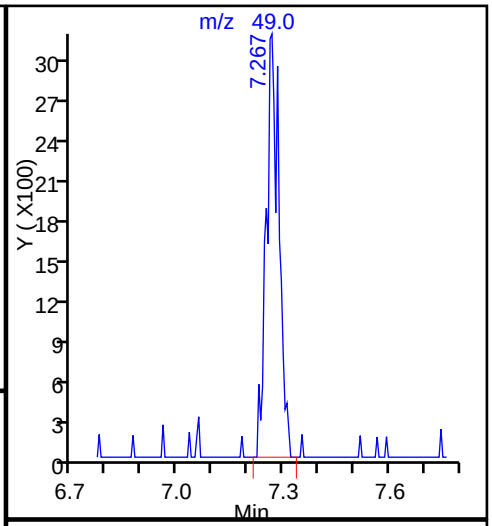
TestAmerica Burlington

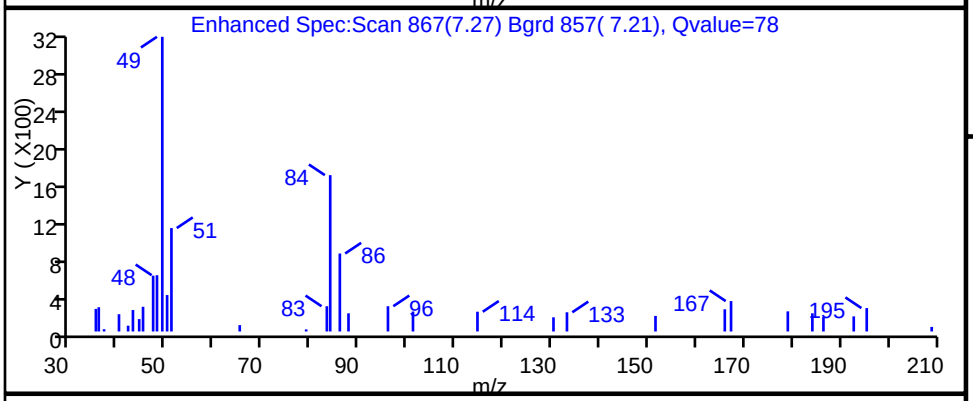
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D

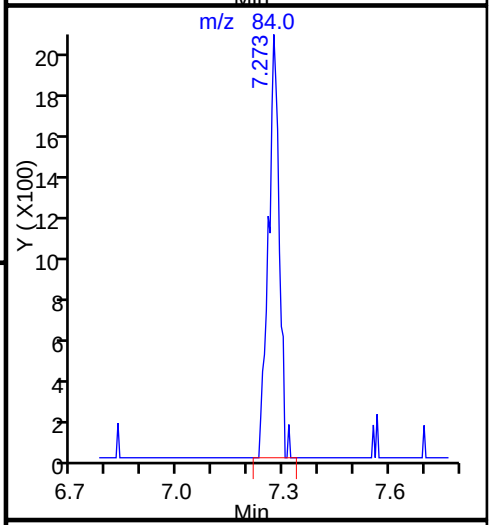
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

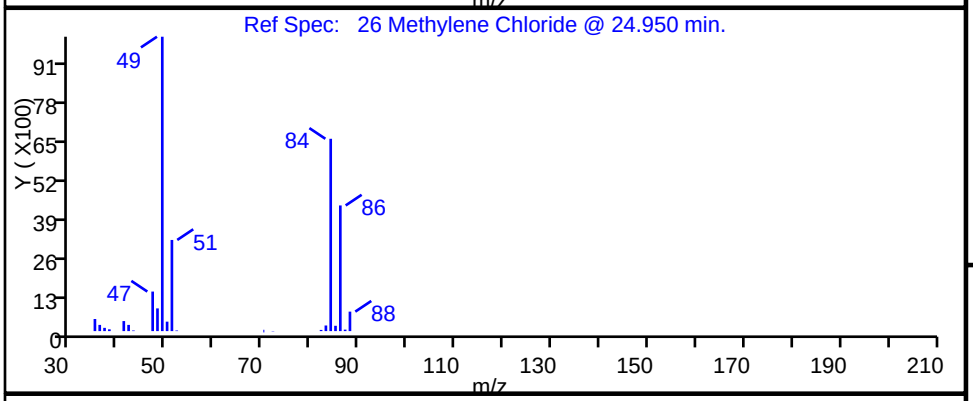
26 Methylene Chloride, CAS: 75-09-2

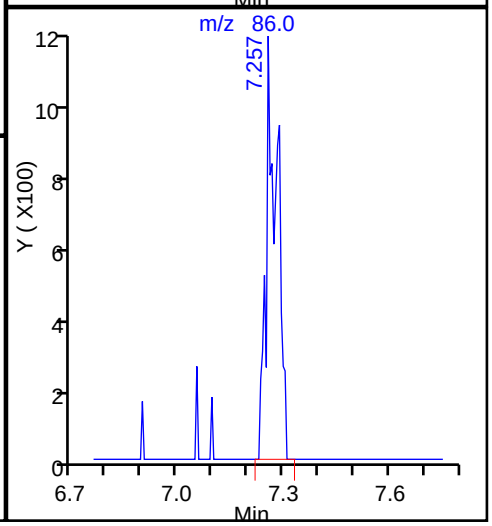


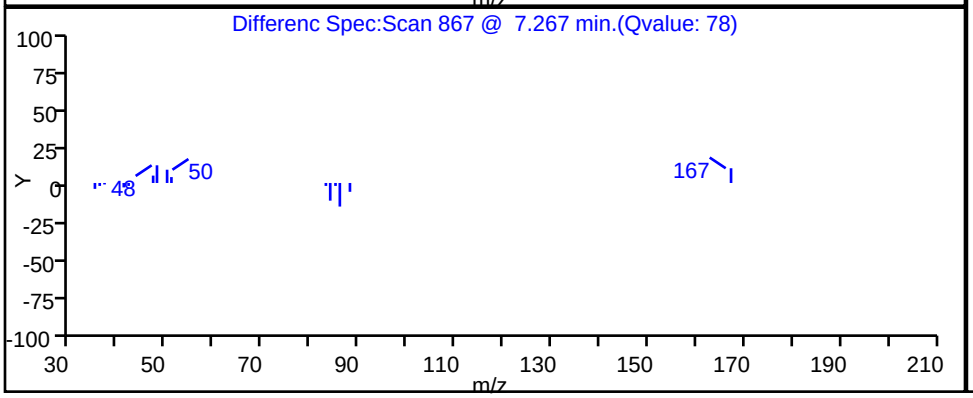












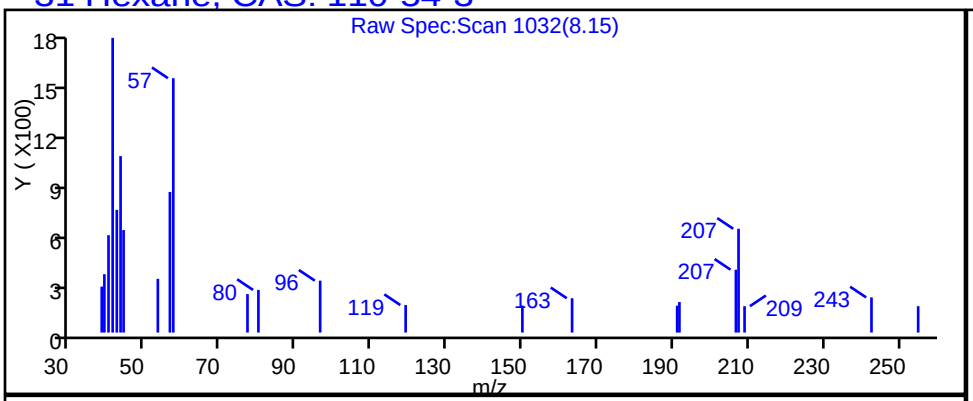
Report Date: 03-Feb-2015 09:43:31 Chrom Revision: 2.2 15-Jan-2015 13:05:58

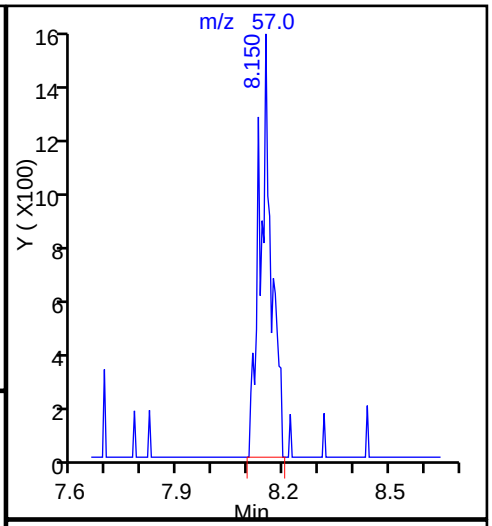
TestAmerica Burlington

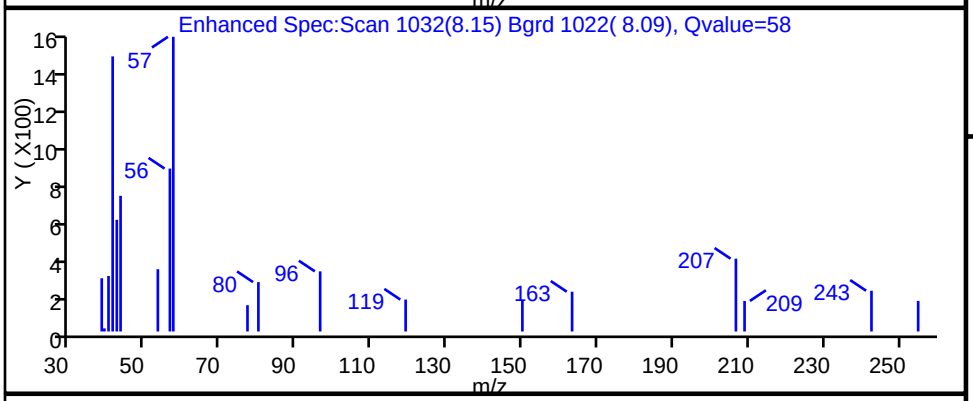
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D

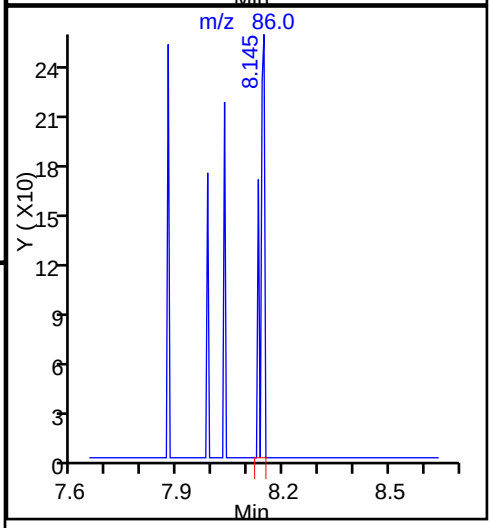
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

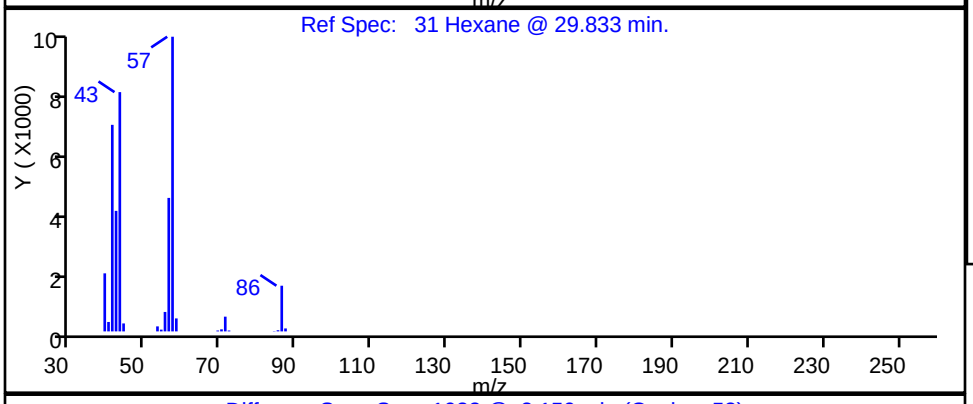
31 Hexane, CAS: 110-54-3

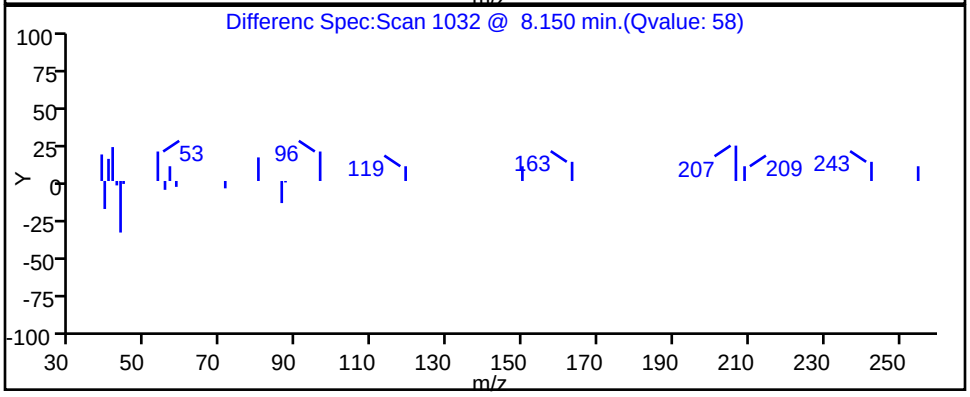








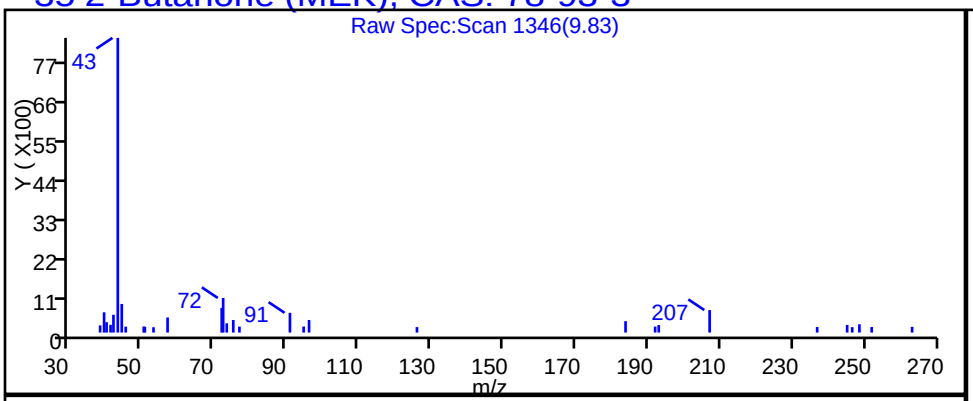


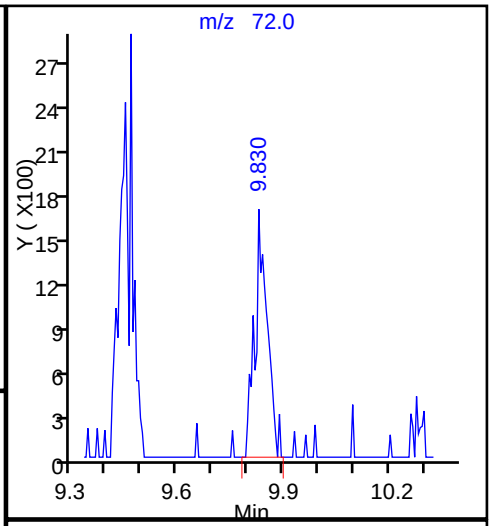


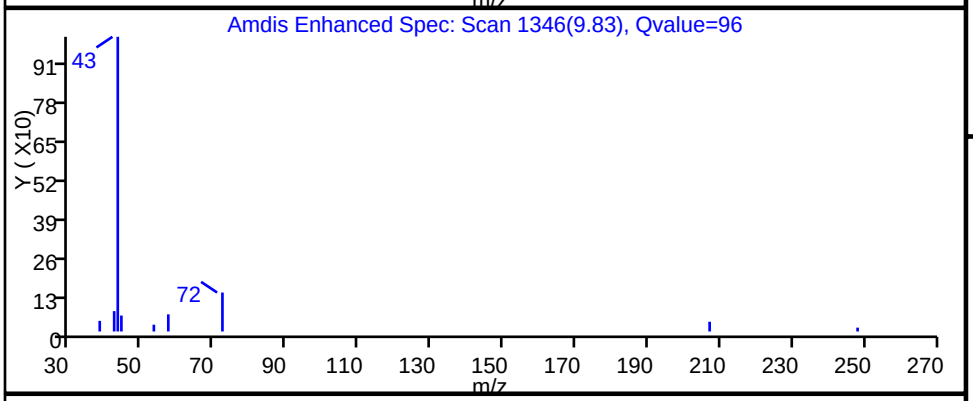
TestAmerica Burlington

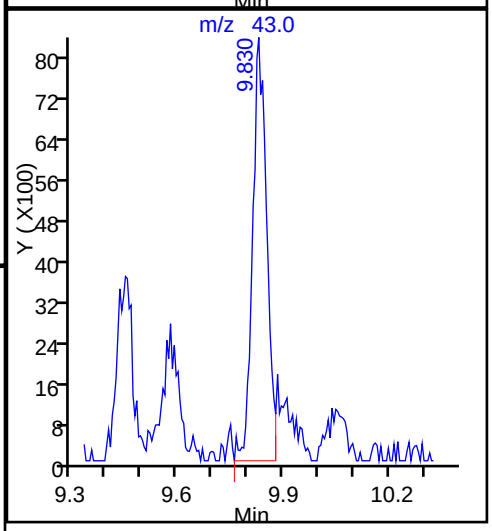
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

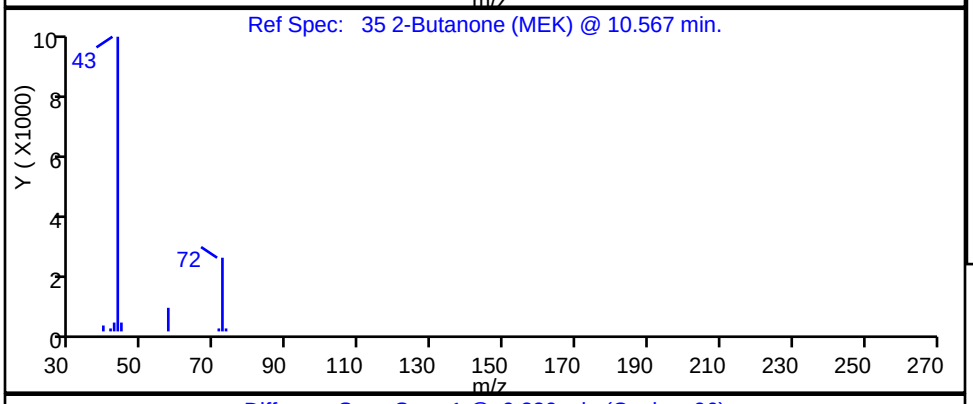
35 2-Butanone (MEK), CAS: 78-93-3

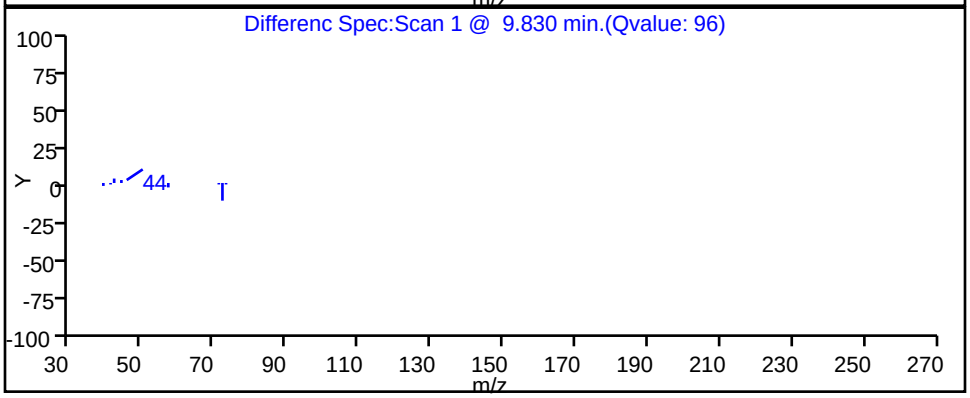










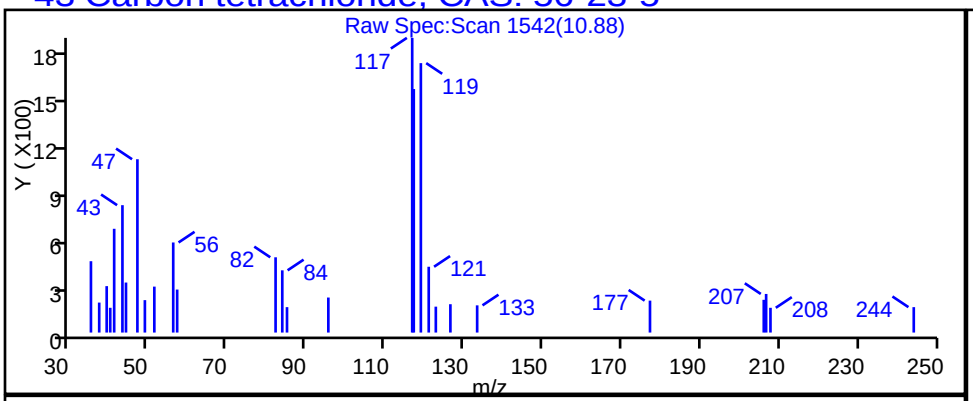


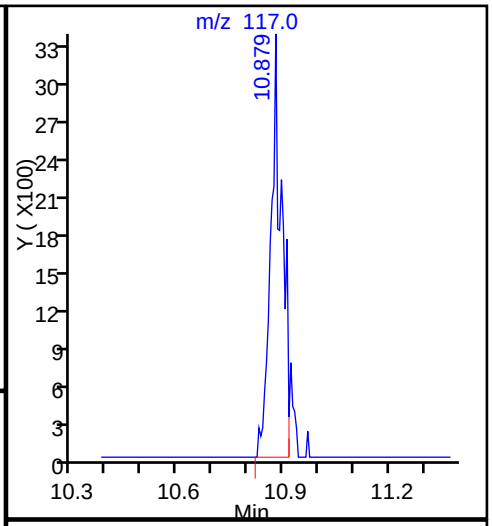
Report Date: 03-Feb-2015 09:43:31 Chrom Revision: 2.2 15-Jan-2015 13:05:58

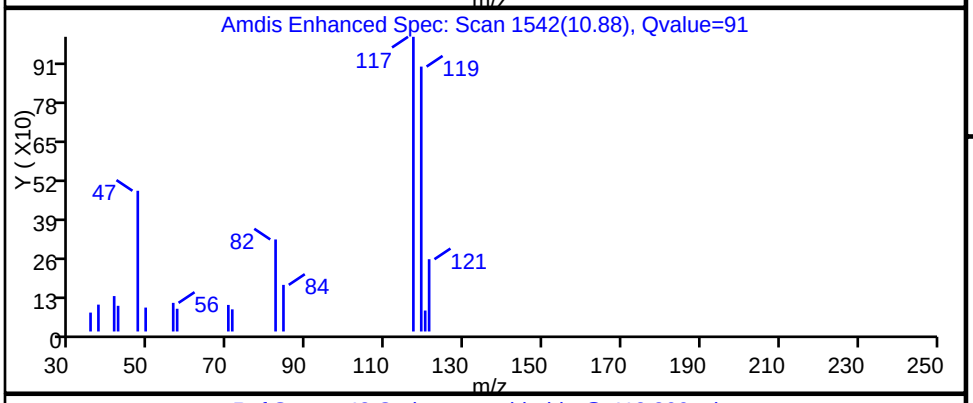
TestAmerica Burlington

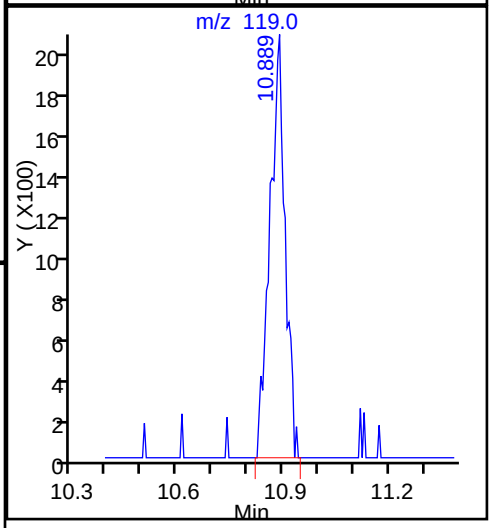
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

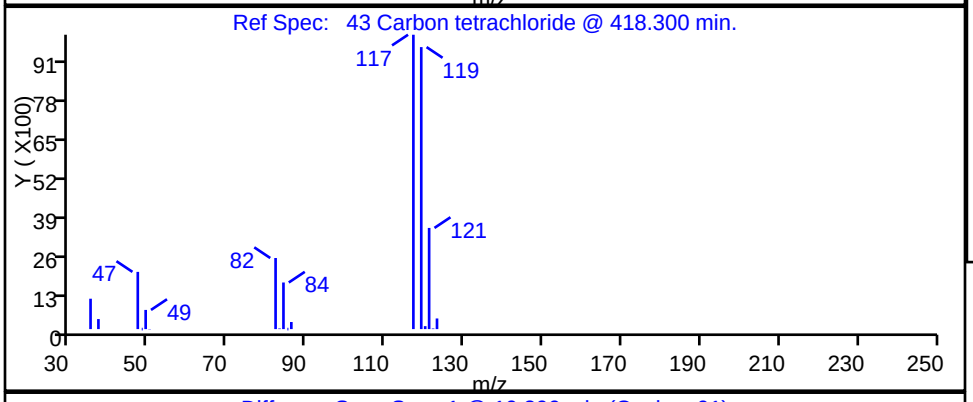
43 Carbon tetrachloride, CAS: 56-23-5

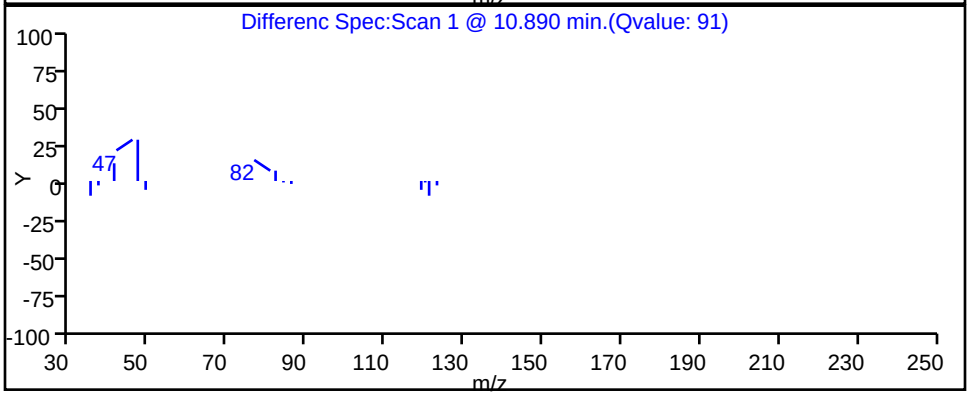












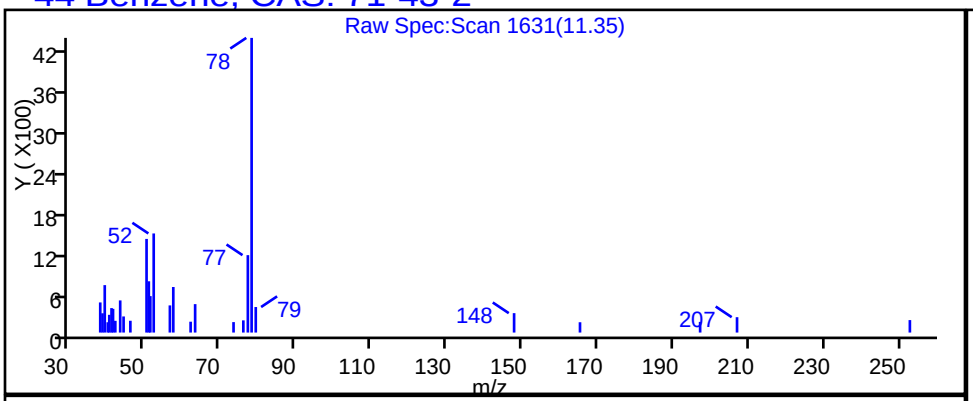
Report Date: 03-Feb-2015 09:43:31 Chrom Revision: 2.2 15-Jan-2015 13:05:58

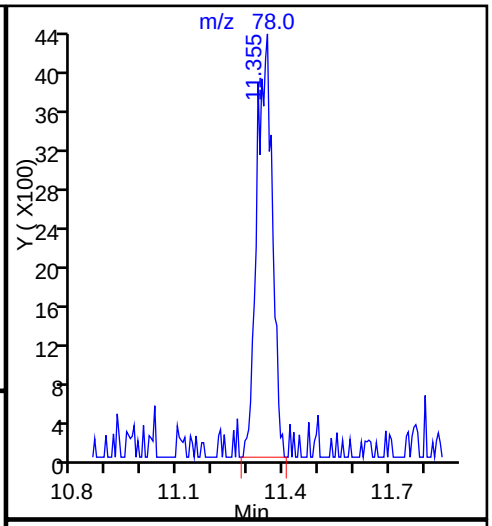
TestAmerica Burlington

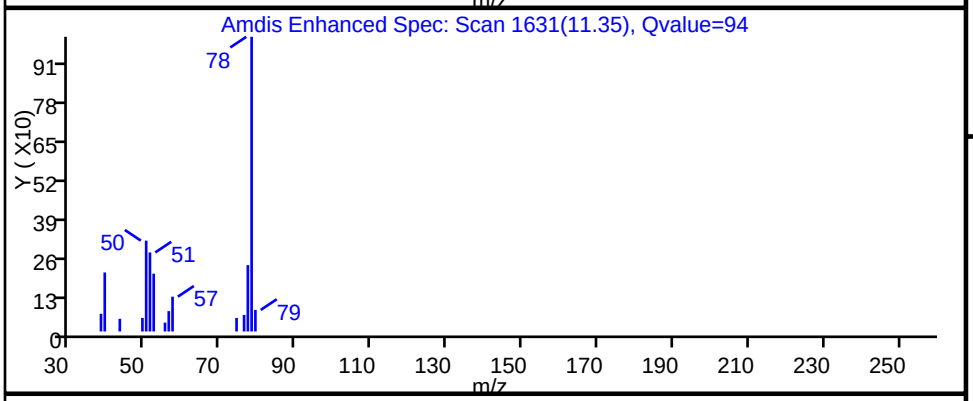
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D

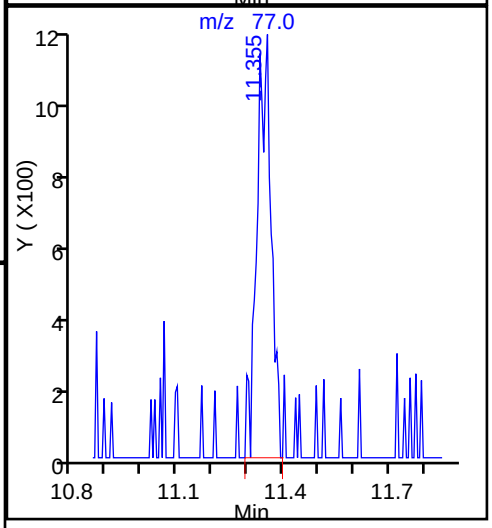
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

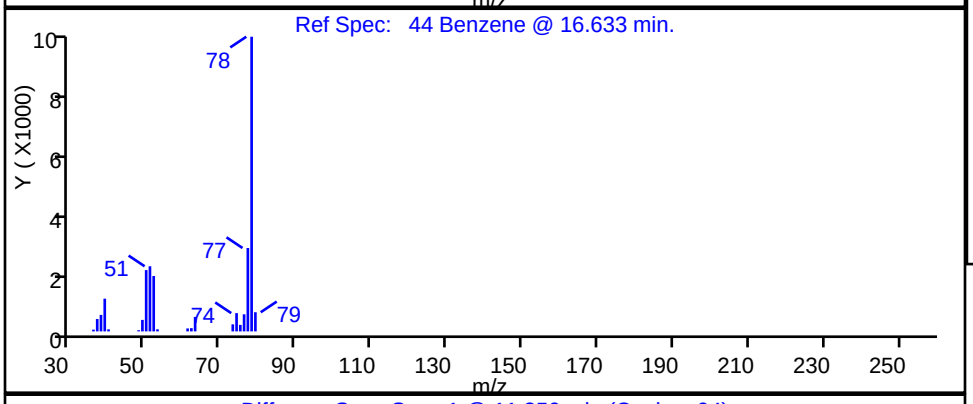
44 Benzene, CAS: 71-43-2

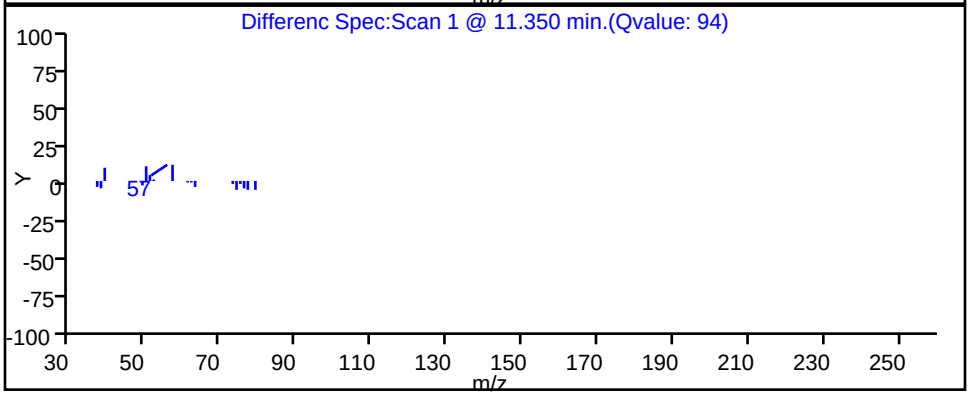












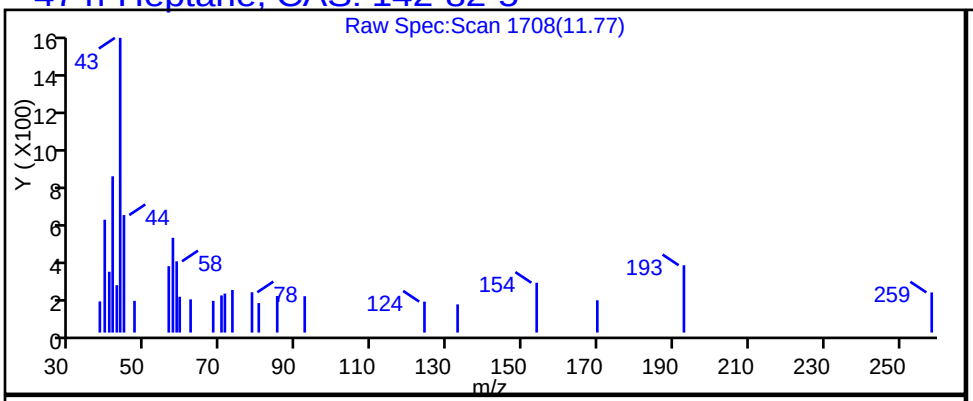
Report Date: 03-Feb-2015 09:43:31 Chrom Revision: 2.2 15-Jan-2015 13:05:58

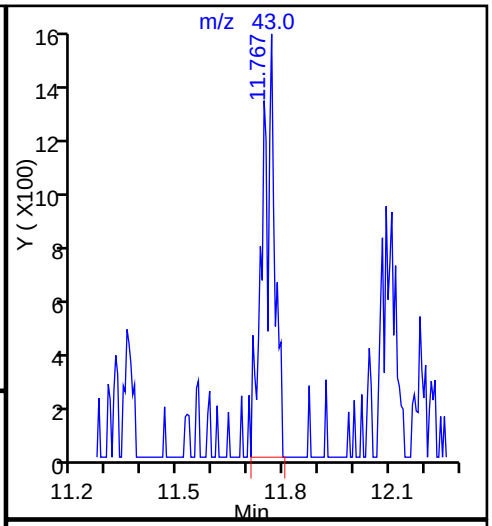
TestAmerica Burlington

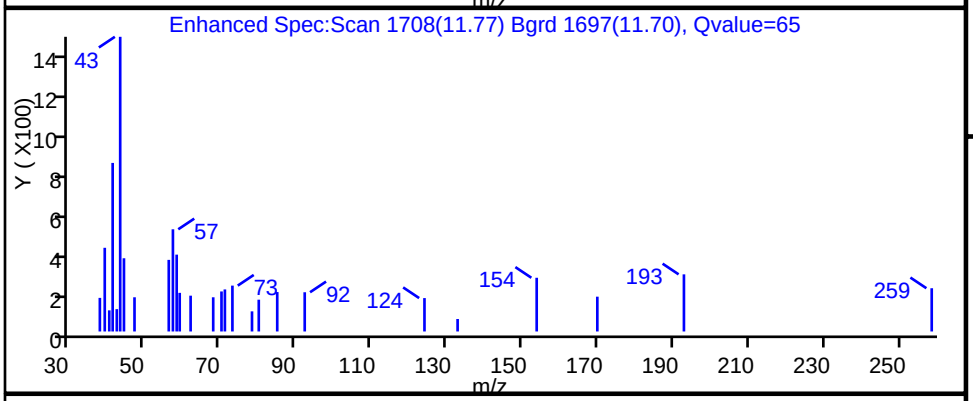
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D

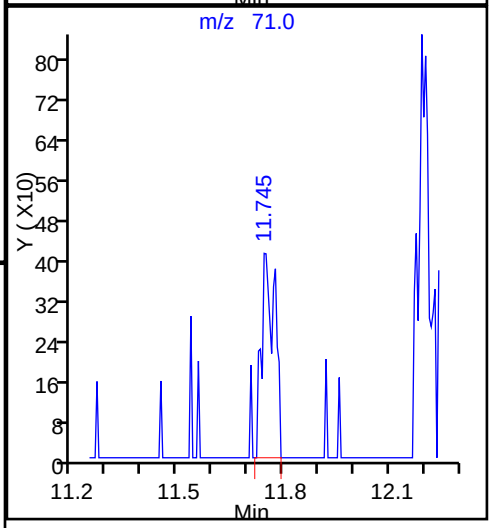
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

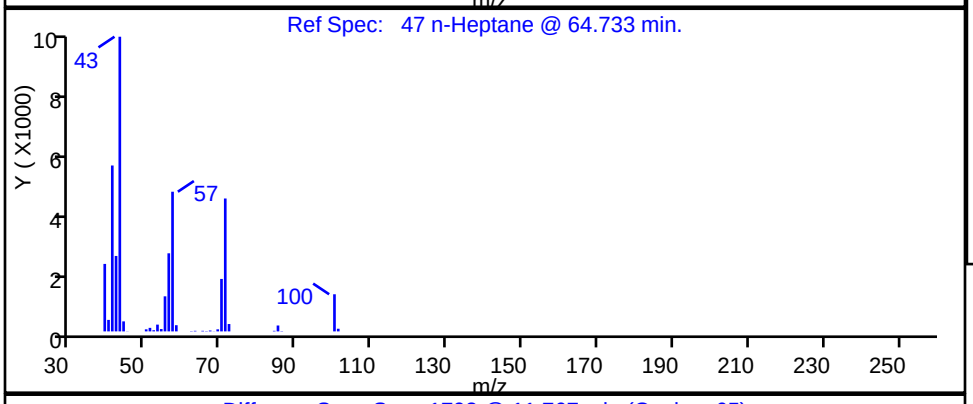
47 n-Heptane, CAS: 142-82-5

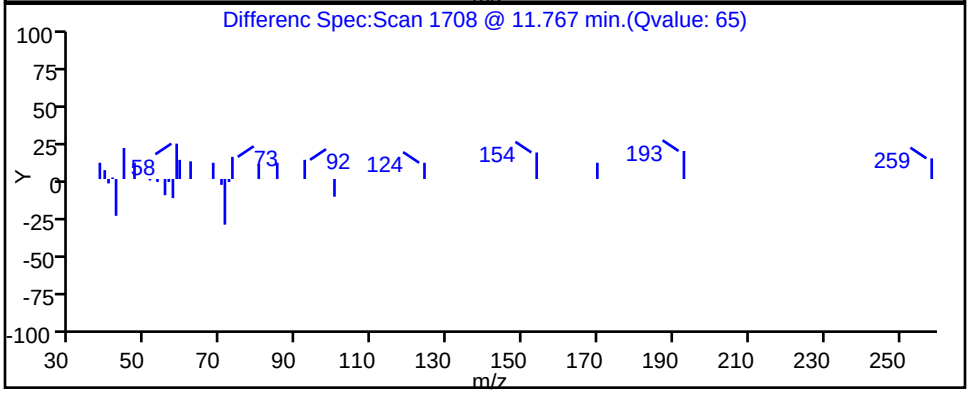












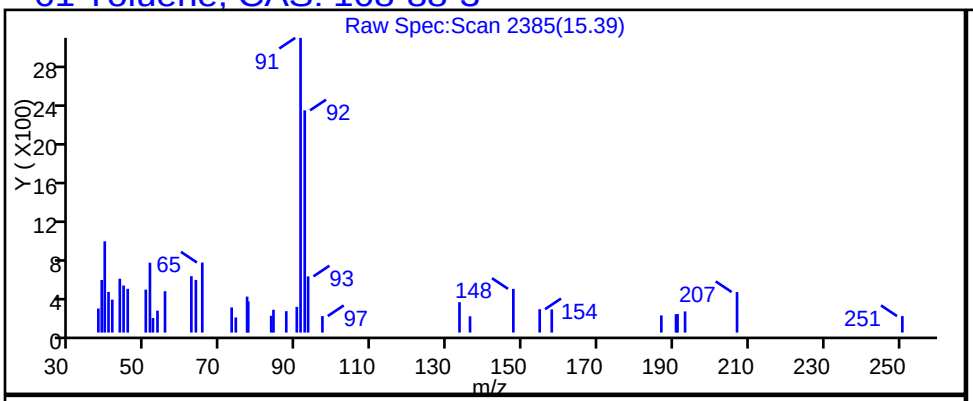
Report Date: 03-Feb-2015 09:43:31 Chrom Revision: 2.2 15-Jan-2015 13:05:58

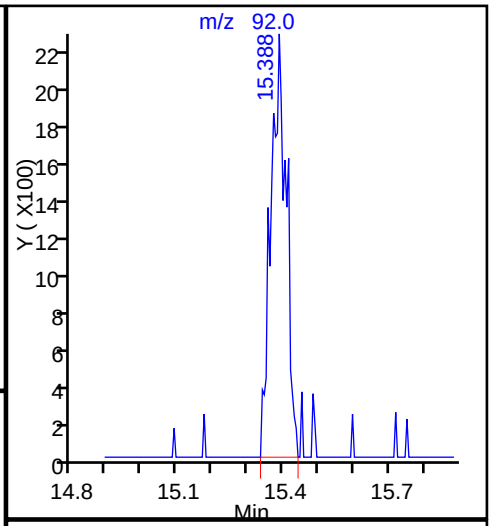
TestAmerica Burlington

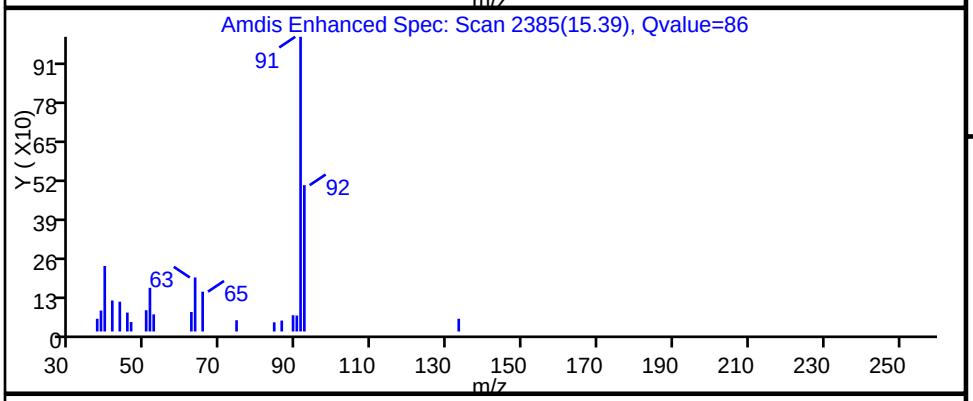
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D

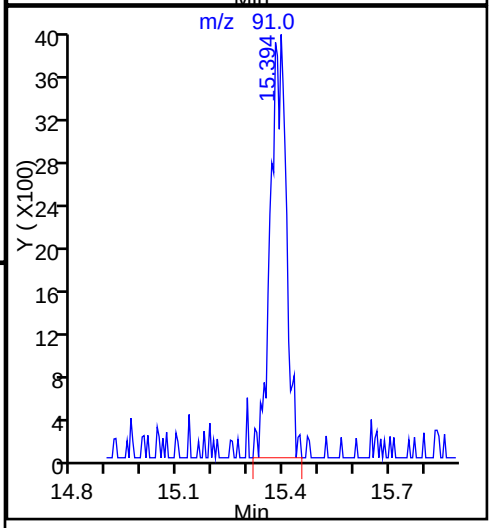
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

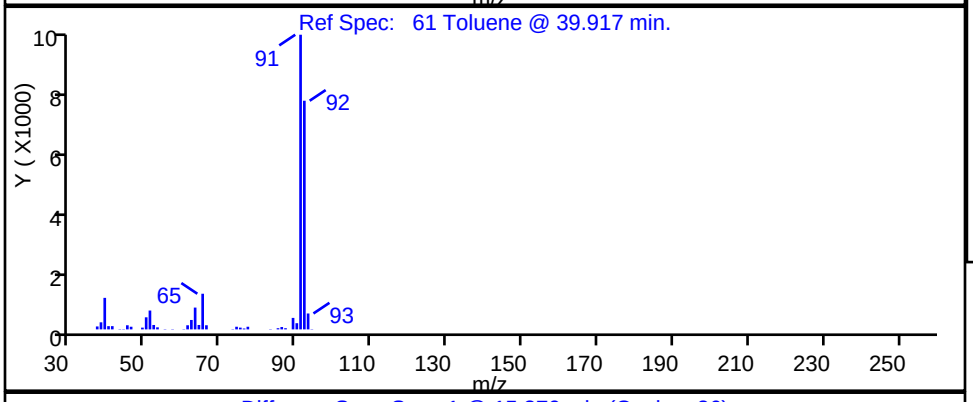
61 Toluene, CAS: 108-88-3

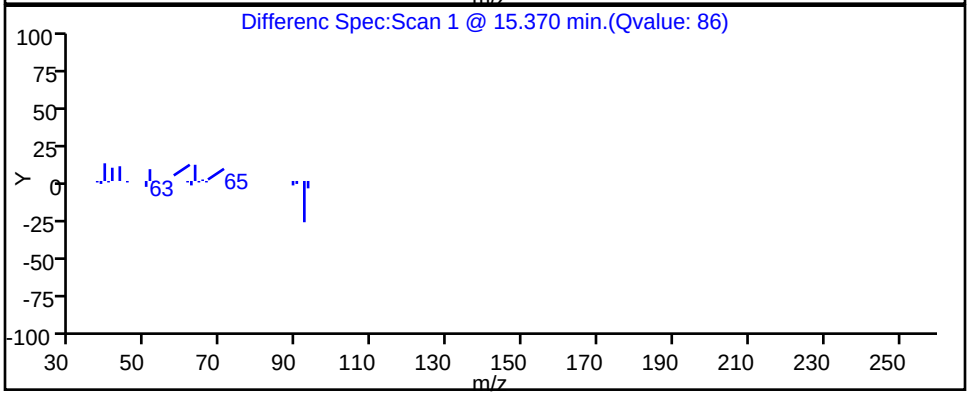








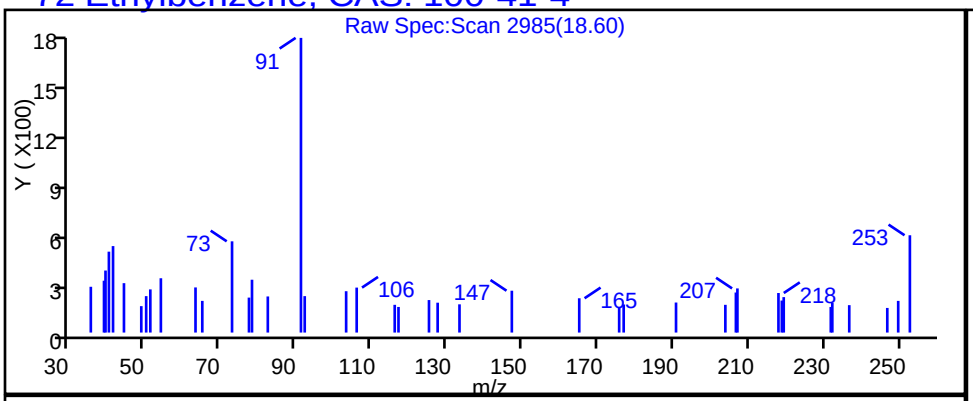


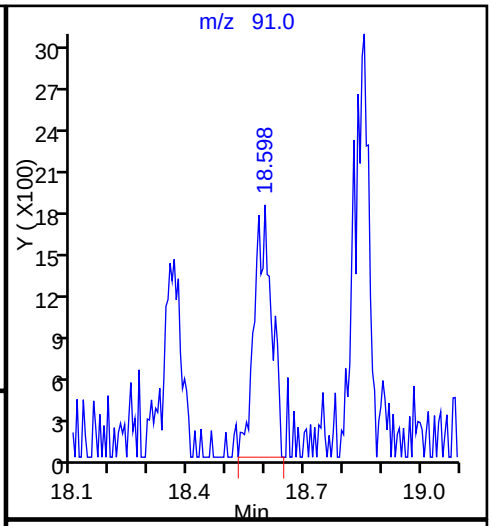


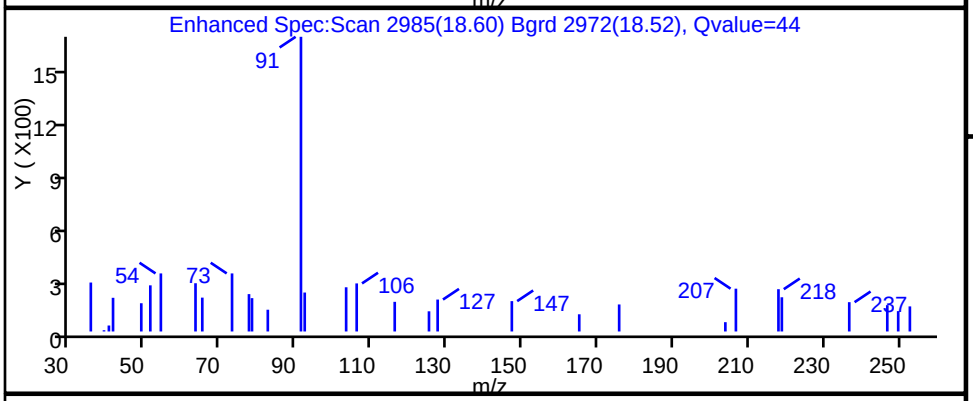
TestAmerica Burlington

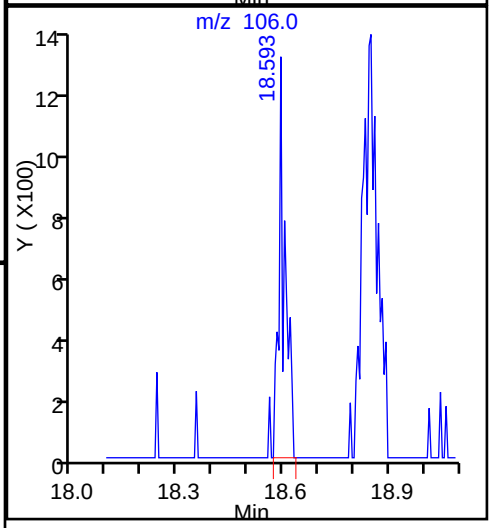
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

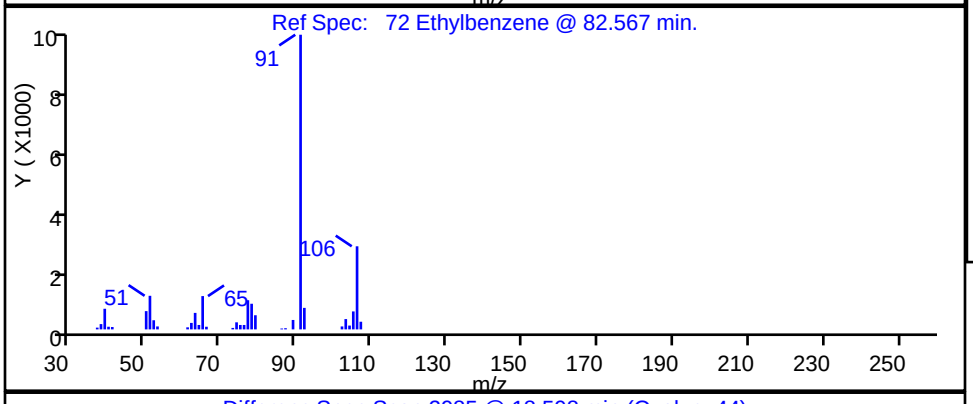
72 Ethylbenzene, CAS: 100-41-4

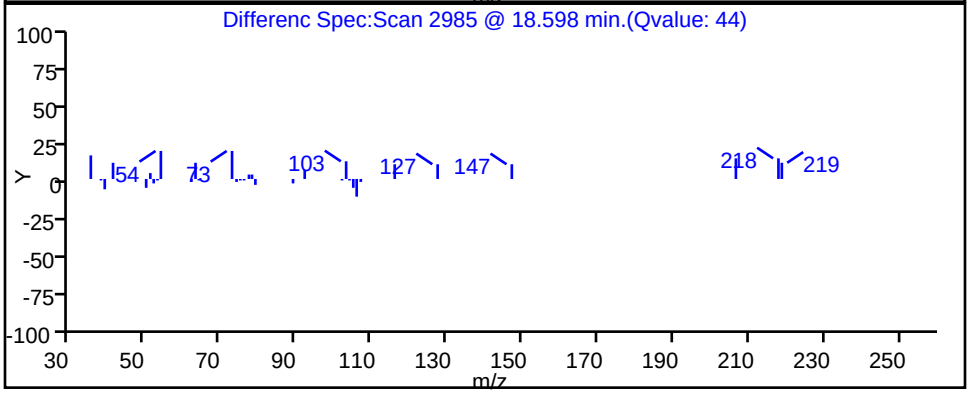










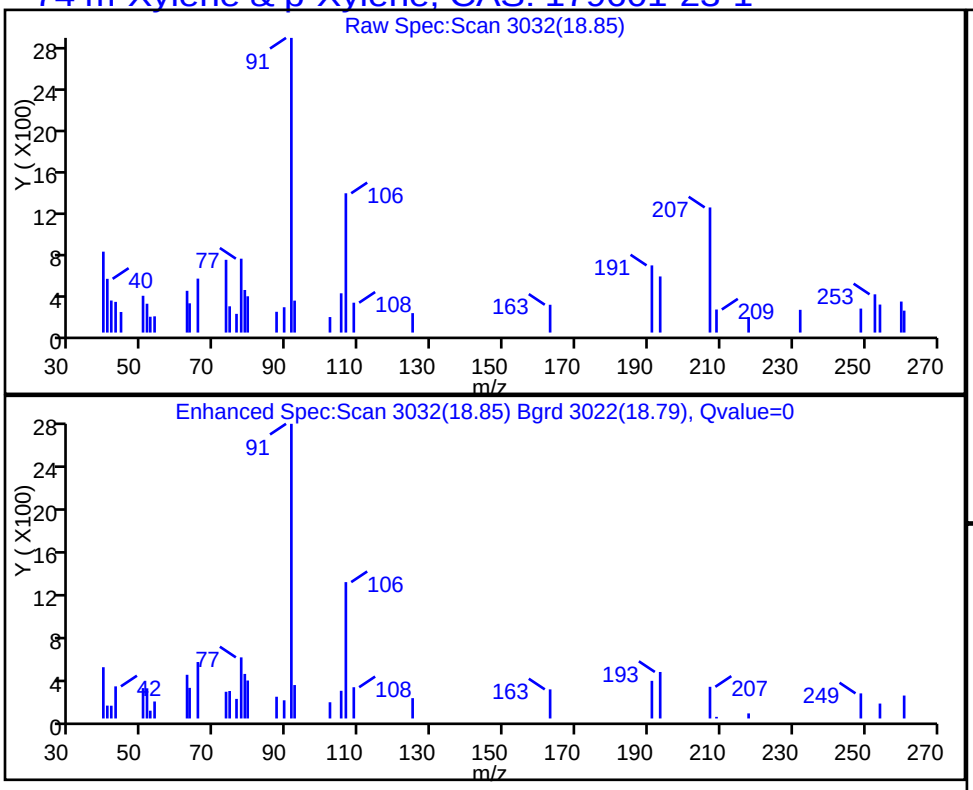


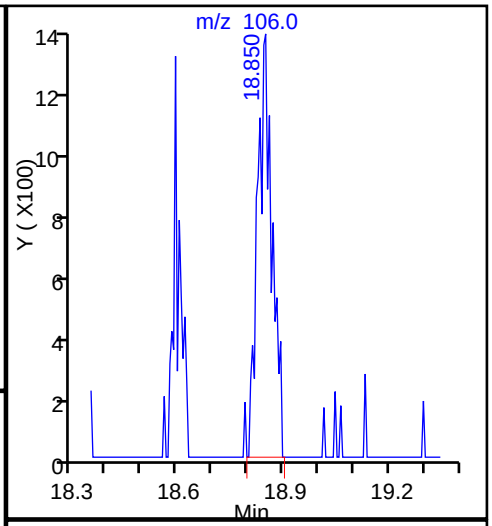
Report Date: 03-Feb-2015 09:43:31 Chrom Revision: 2.2 15-Jan-2015 13:05:58

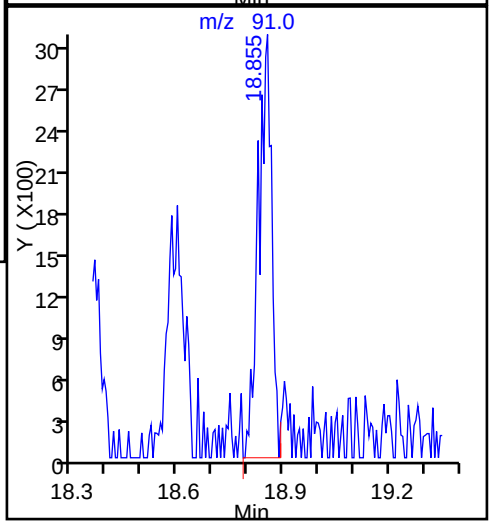
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 m-Xylene & p-Xylene, CAS: 179601-23-1





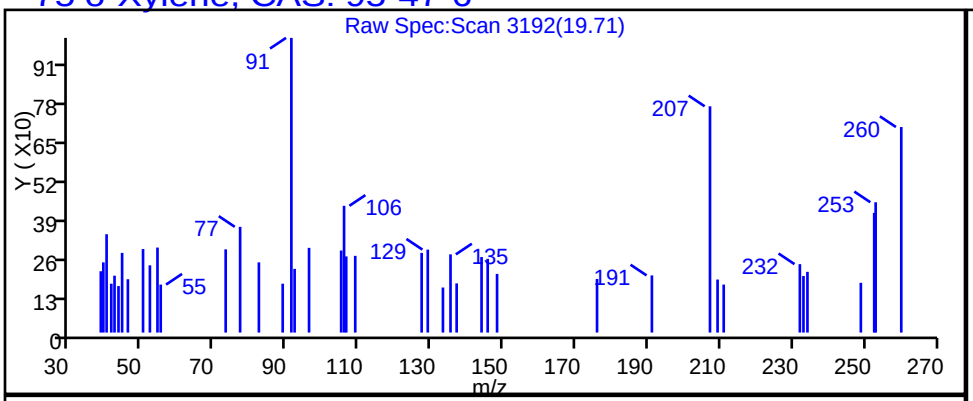


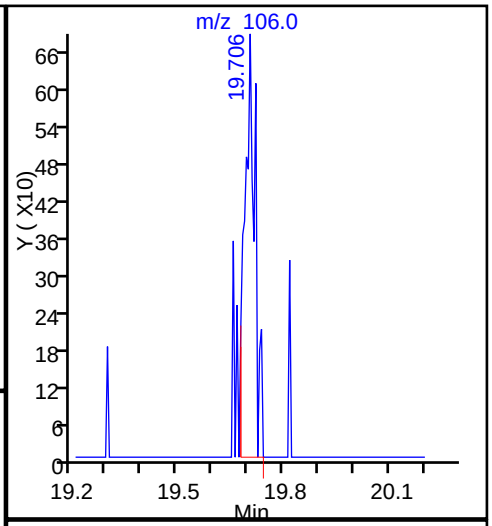
Report Date: 03-Feb-2015 09:43:31 Chrom Revision: 2.2 15-Jan-2015 13:05:58

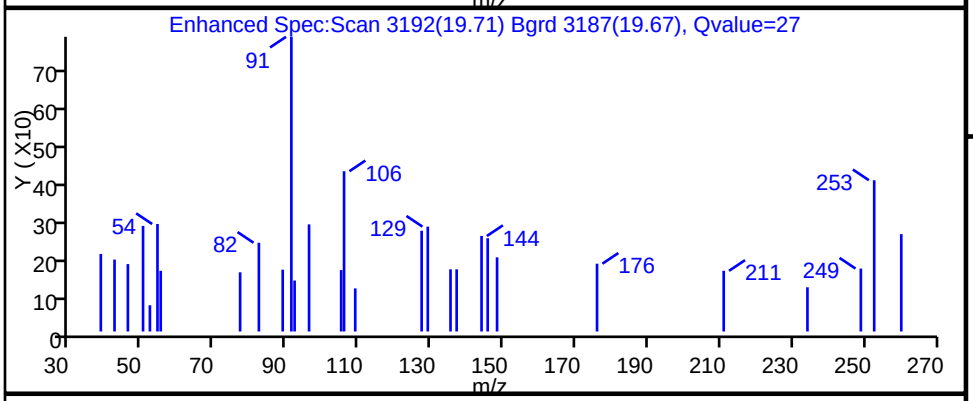
TestAmerica Burlington

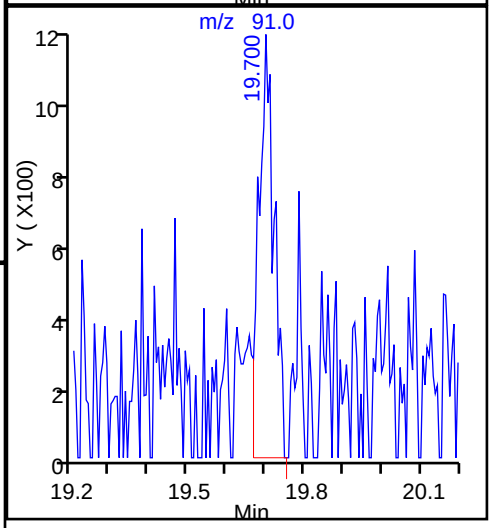
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

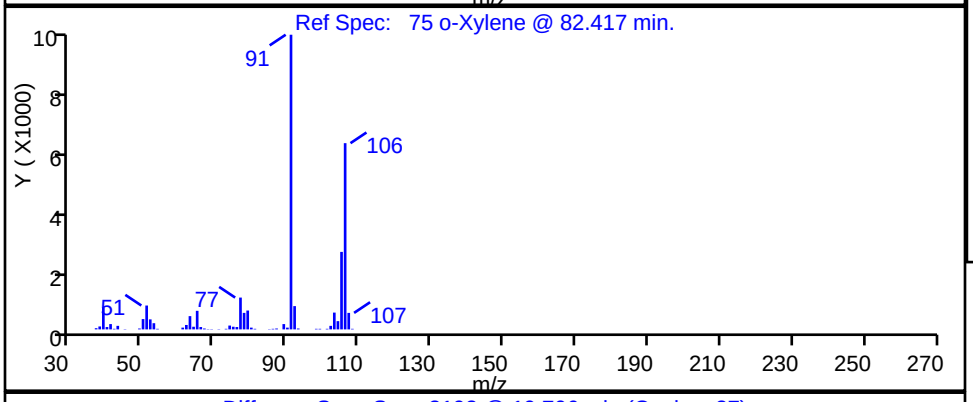
75 o-Xylene, CAS: 95-47-6

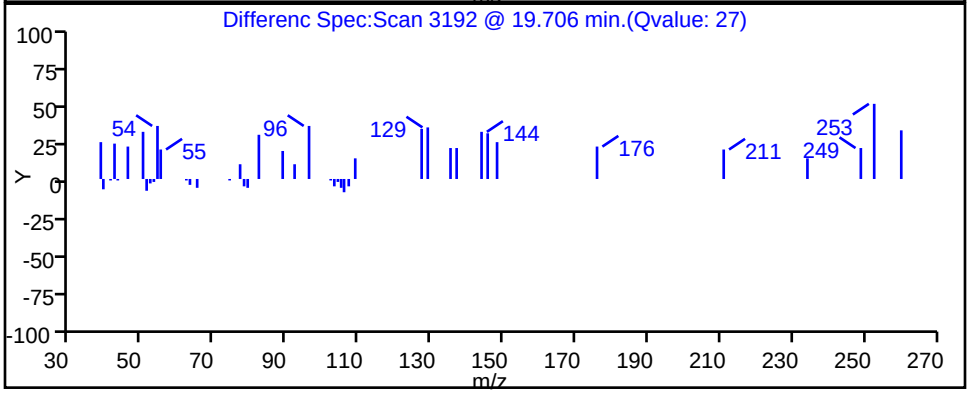












Manual Integration/User Assign Peak Report

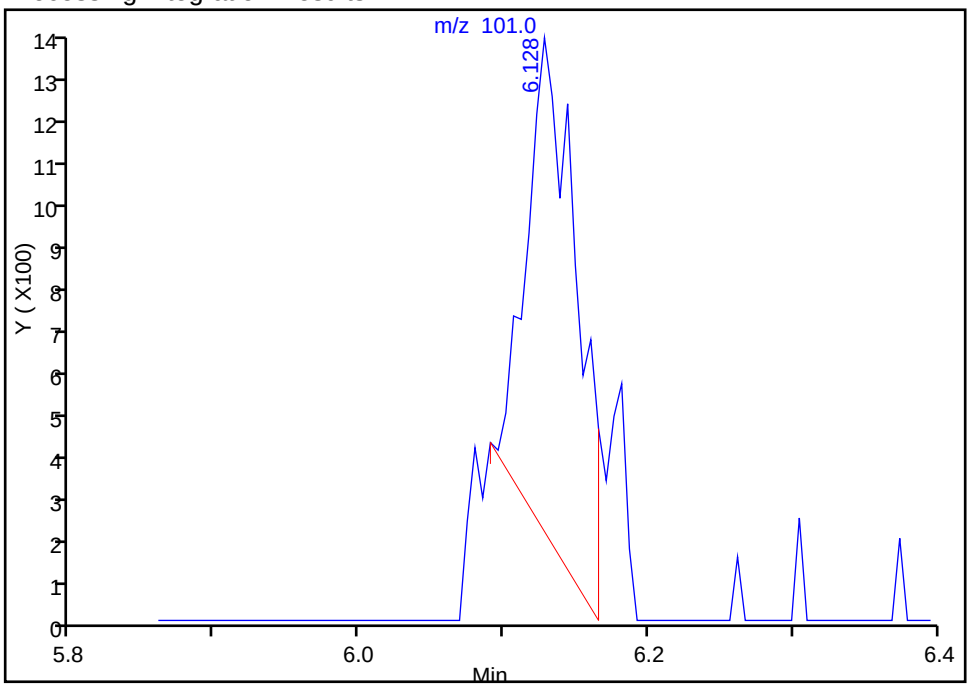
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

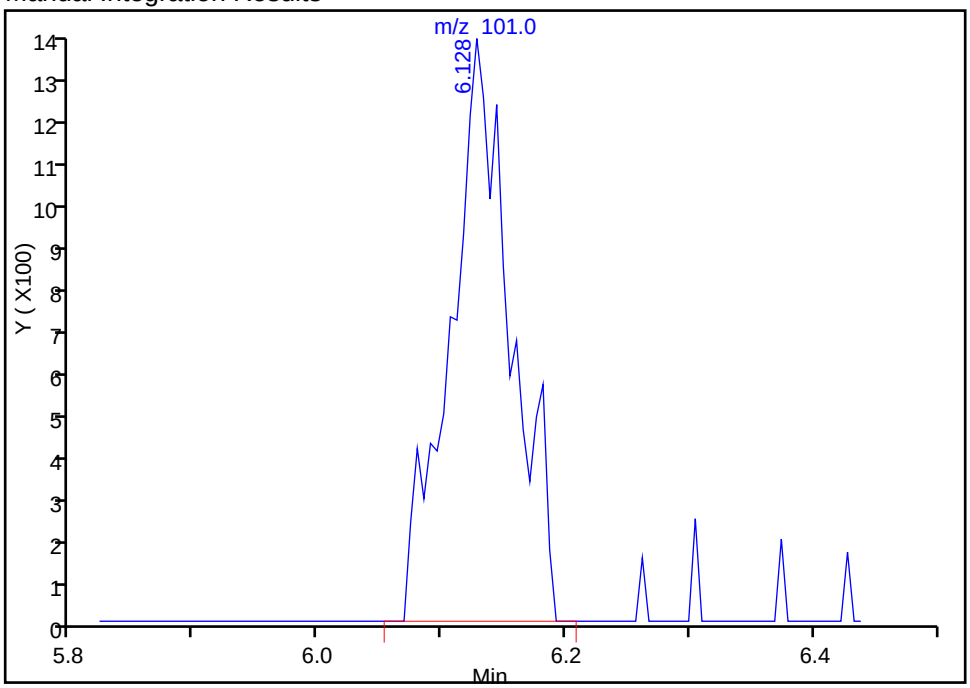
Processing Integration Results

RT: 6.13
Area: 2910
Amount: 0.053049
Amount Units: ppb v/v



Manual Integration Results

RT: 6.13
Area: 4714
Amount: 0.085936
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:09:36
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

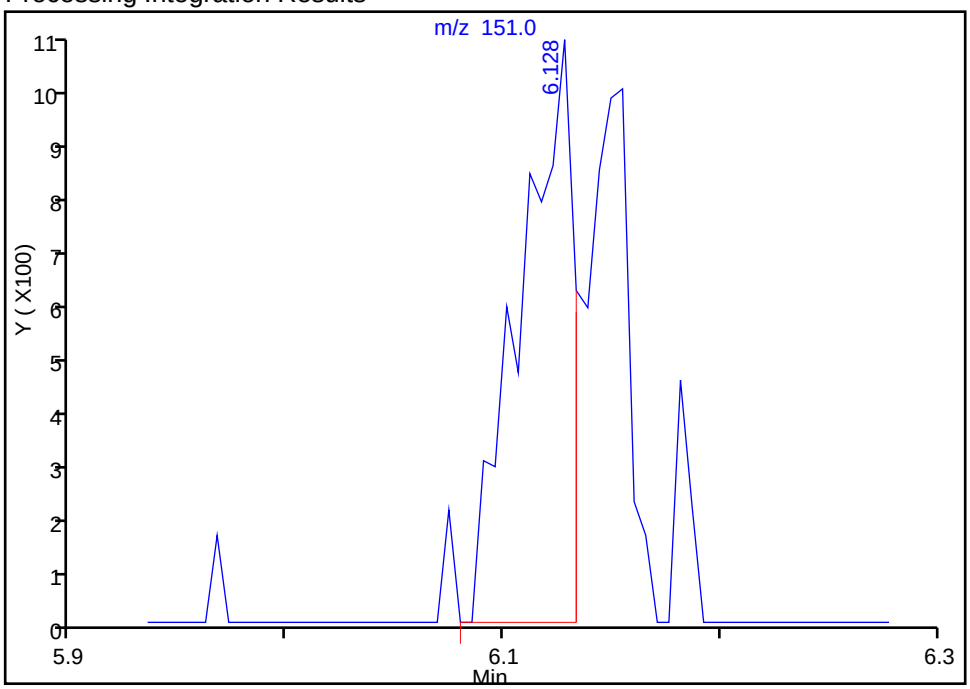
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

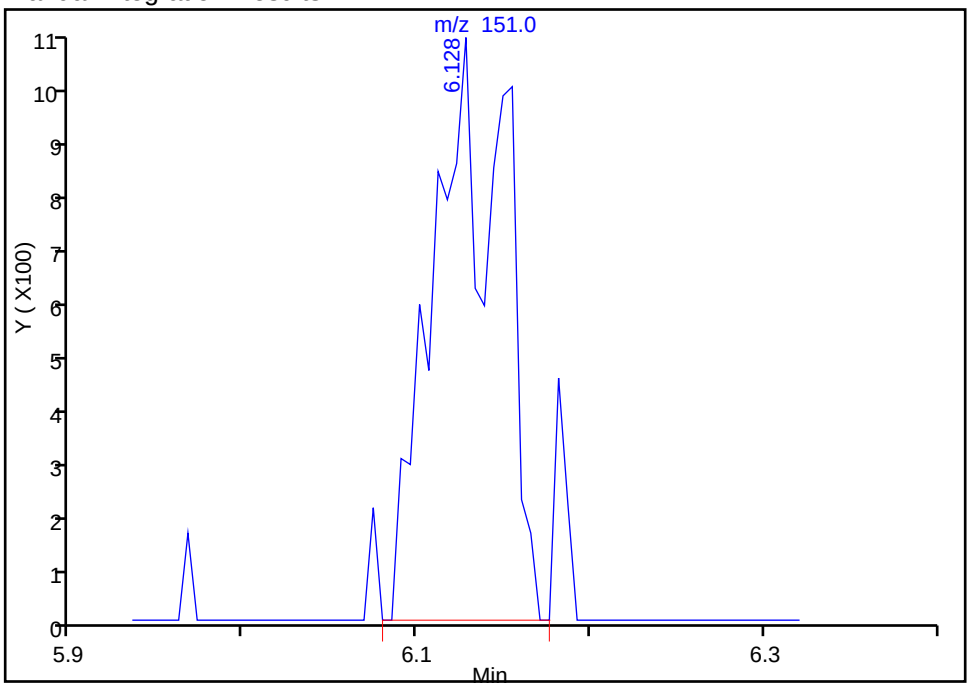
Processing Integration Results

RT: 6.13
Area: 1854
Amount: 0.053049
Amount Units: ppb v/v



Manual Integration Results

RT: 6.13
Area: 3061
Amount: 0.085936
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:09:36
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

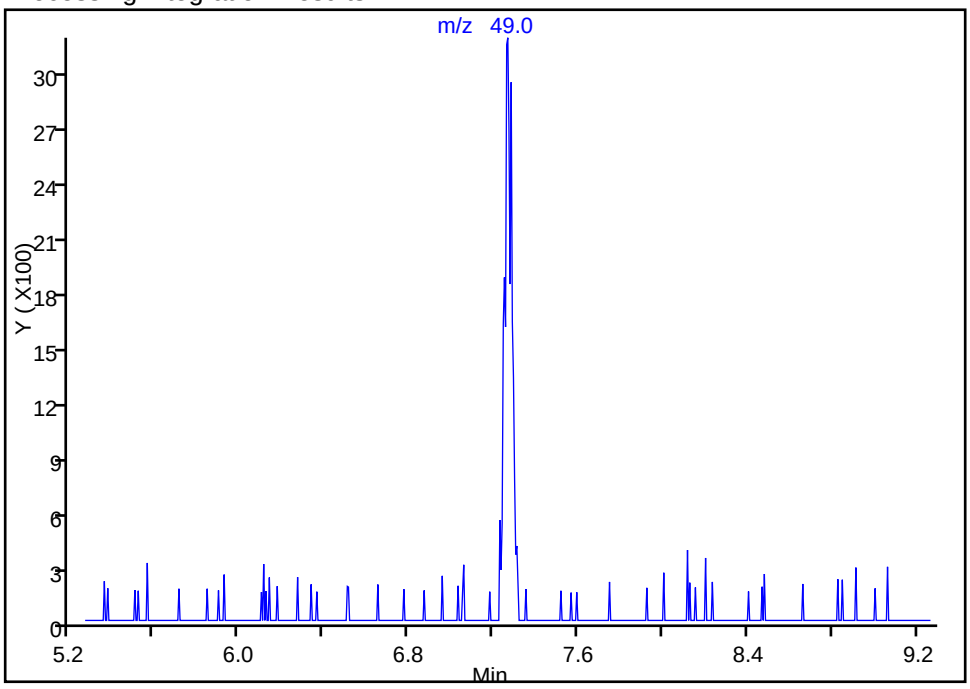
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 Methylene Chloride, CAS: 75-09-2

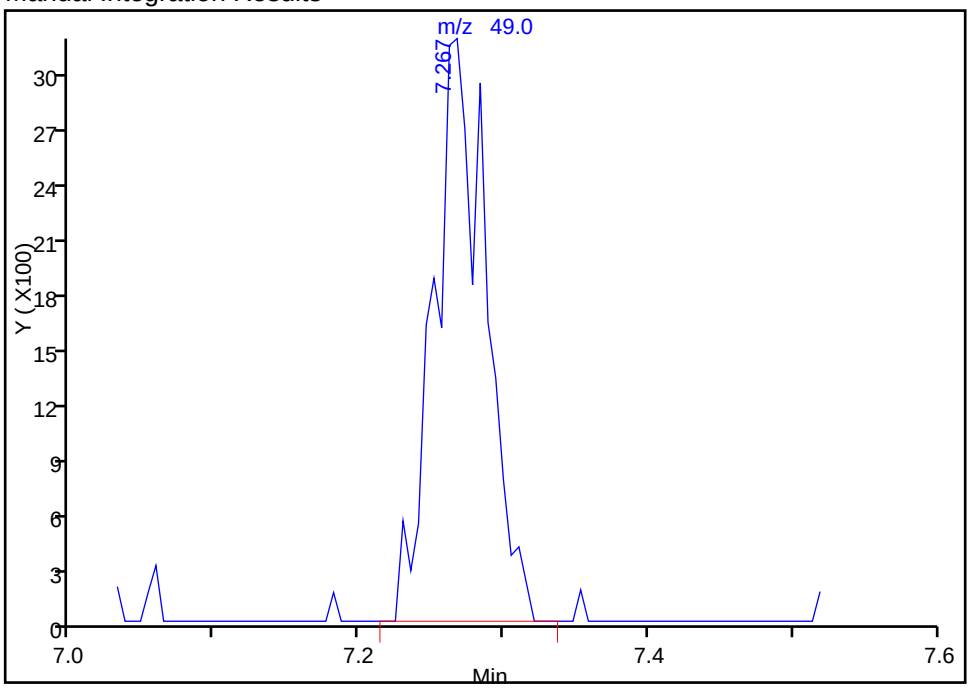
Not Detected
Expected RT: 7.27

Processing Integration Results



Manual Integration Results

RT: 7.27
Area: 7959
Amount: 0.201294
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:09:36
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

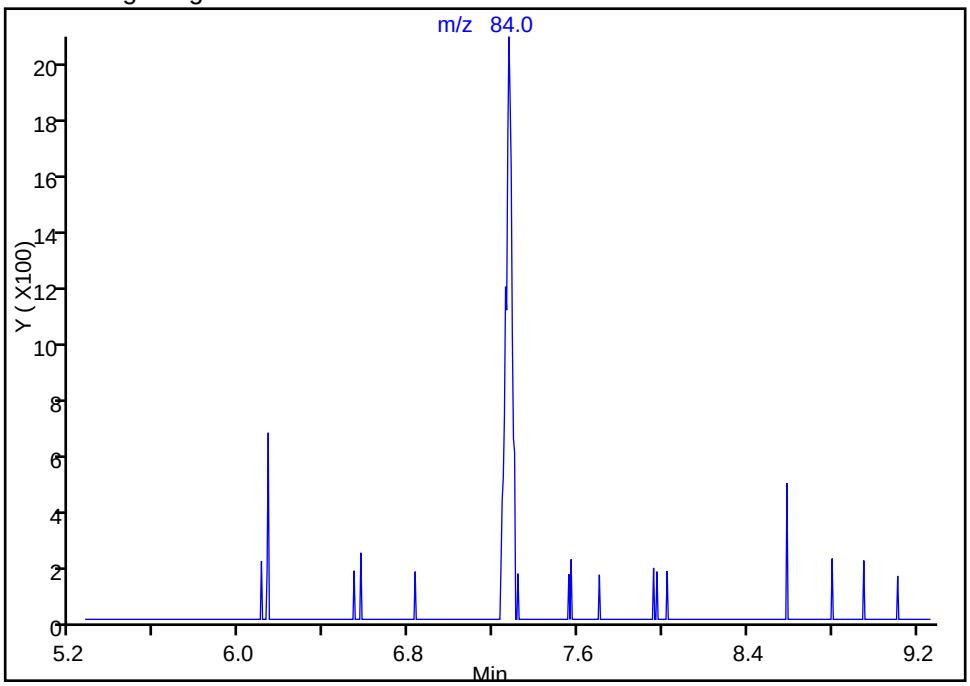
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 Methylene Chloride, CAS: 75-09-2

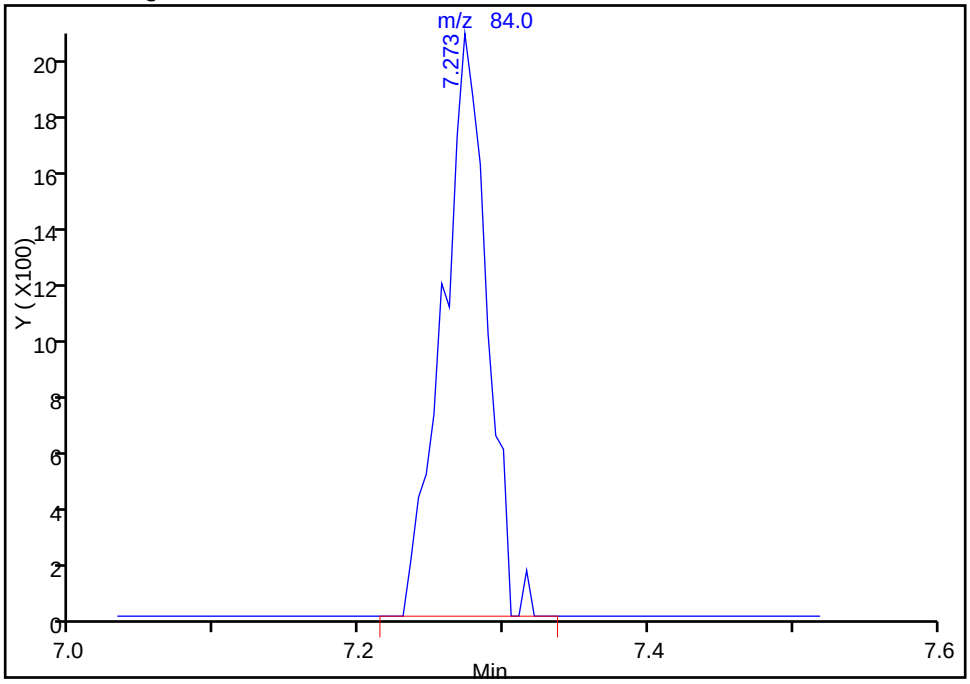
Processing Integration Results

Not Detected
Expected RT: 7.27



Manual Integration Results

RT: 7.27
Area: 4350
Amount: 0.201294
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:09:36
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

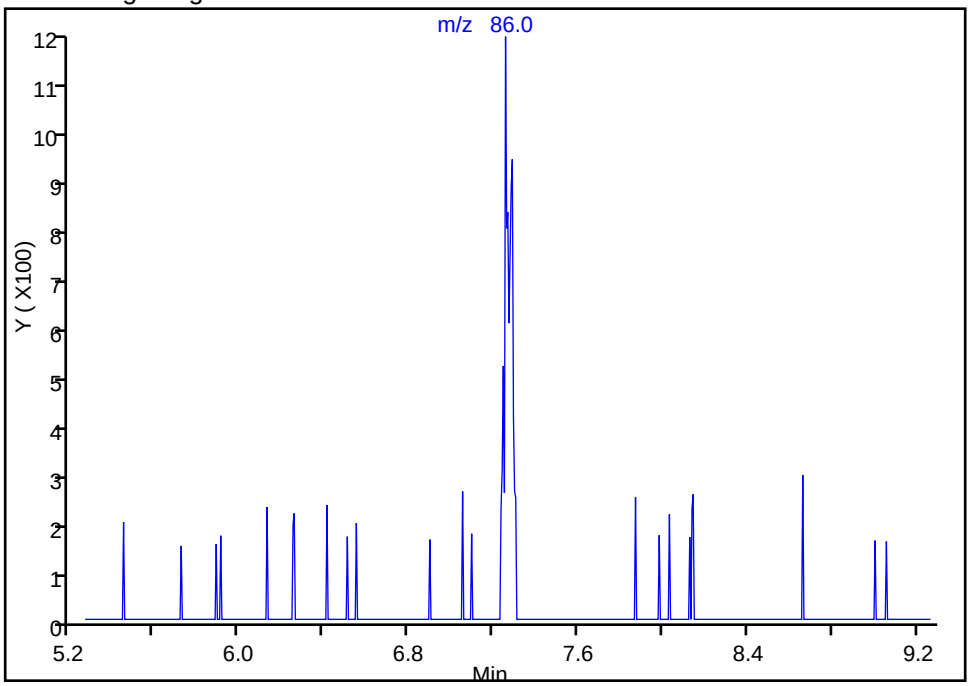
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 Methylene Chloride, CAS: 75-09-2

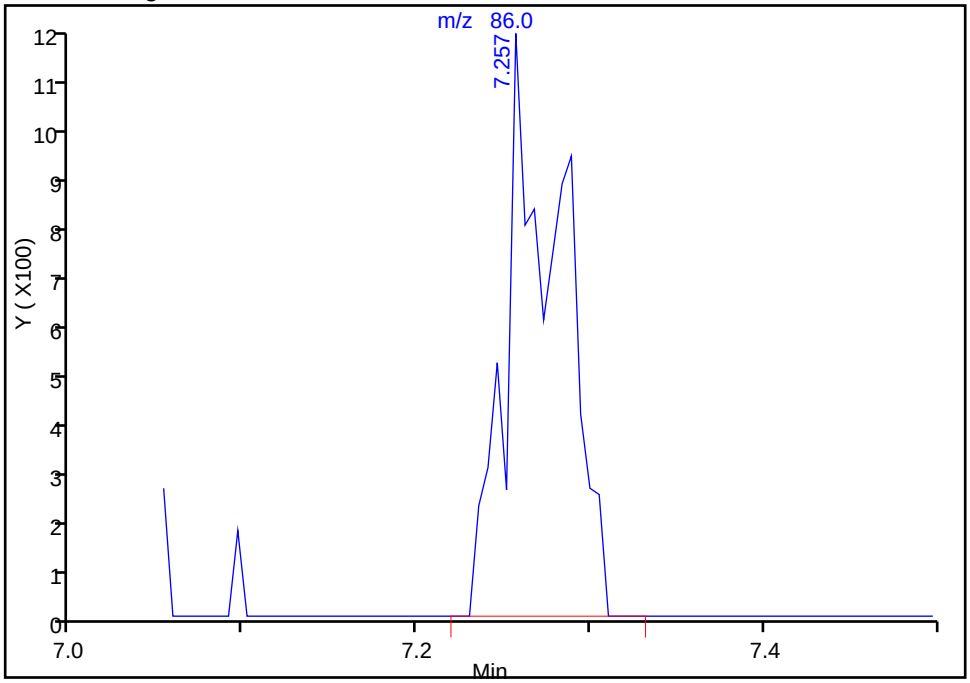
Not Detected
Expected RT: 7.27

Processing Integration Results



Manual Integration Results

RT: 7.26
Area: 2655
Amount: 0.201294
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:09:36
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

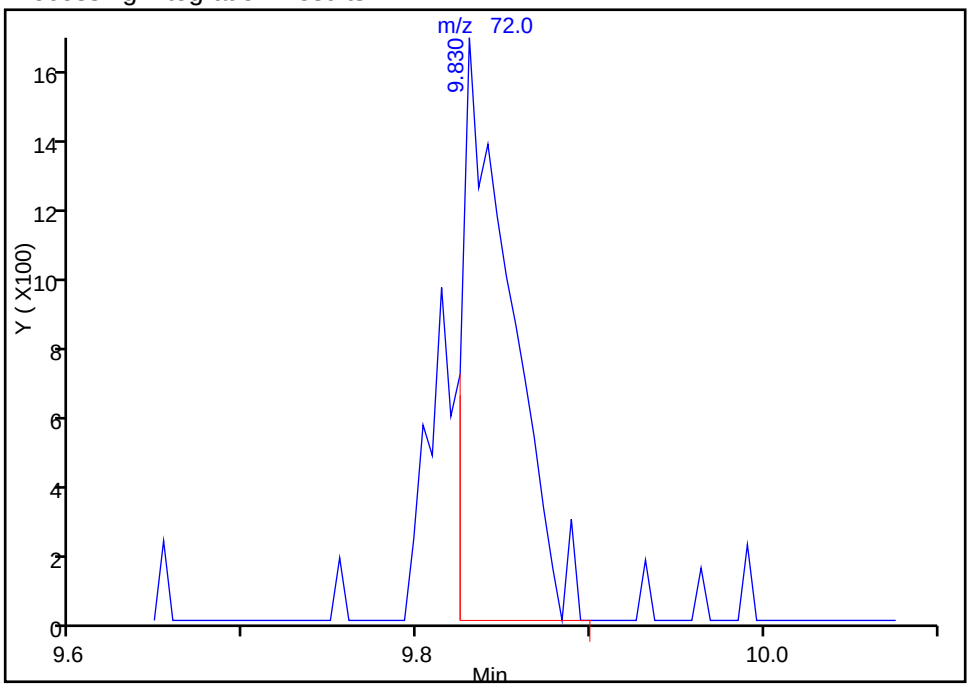
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_13.D				
Injection Date:	02-Feb-2015 19:25:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-25	Lab Sample ID:	200-64806-25		
Client ID:	786IA13				
Operator ID:	bpl	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

35 2-Butanone (MEK), CAS: 78-93-3

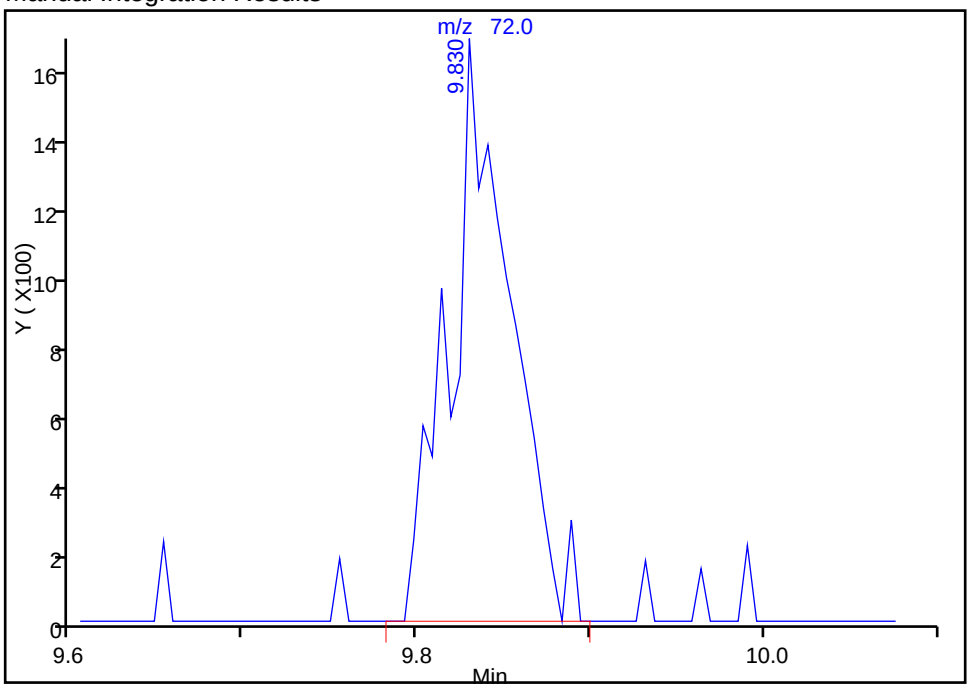
Processing Integration Results

RT: 9.83
Area: 3204
Amount: 0.282174
Amount Units: ppb v/v



Manual Integration Results

RT: 9.83
Area: 4108
Amount: 0.361788
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:09:36
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786OA10 Lab Sample ID: 280-64806-26

Matrix: Air Lab File ID: 11880-006.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.57		0.50	0.056
75-45-6	Freon 22	86.47	0.26	J	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.61		0.50	0.060
106-97-8	n-Butane	58.12	0.54		0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.23		0.20	0.045
76-13-1	Freon TF	187.38	0.063	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.5	U	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.080	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.16	J	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786OA10 Lab Sample ID: 280-64806-26

Matrix: Air Lab File ID: 11880-006.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.074	J	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.060	U	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	U	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786OA10 Lab Sample ID: 280-64806-26

Matrix: Air Lab File ID: 11880-006.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786OA10 Lab Sample ID: 280-64806-26

Matrix: Air Lab File ID: 11880-006.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.8		2.5	0.28
75-45-6	Freon 22	86.47	0.93	J	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	1.3		1.0	0.12
106-97-8	n-Butane	58.12	1.3		1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.25
76-13-1	Freon TF	187.38	0.49	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	5.9	U	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.50	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.50	J	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786OA10 Lab Sample ID: 280-64806-26

Matrix: Air Lab File ID: 11880-006.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.28	J	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.26	U	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	U	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785786OA10 Lab Sample ID: 280-64806-26

Matrix: Air Lab File ID: 11880-006.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:55

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 14:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-006.D
Lims ID: 280-64806-A-26 Lab Sample ID: 200-64806-26
Client ID: 785786OA10
Sample Type: Client
Inject. Date: 29-Jan-2015 14:53:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011880-006
Misc. Info.: 280-64806-26
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 07:34:29 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: desjardinsb Date: 30-Jan-2015 07:34:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.113	3.113	0.000	99	19585	0.5725	
3 Chlorodifluoromethane	51	3.172	3.162	0.010	96	5275	0.2622	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.376				ND	
5 Chloromethane	50	3.520	3.520	0.000	98	6741	0.6137	
6 Butane	43	3.712	3.713	-0.001	97	9704	0.5355	
7 Vinyl chloride	62		3.755				ND	
8 Butadiene	54		3.830				ND	
9 Bromomethane	94		4.510				ND	
10 Chloroethane	64		4.740				ND	
12 Vinyl bromide	106		5.130				ND	
13 Trichlorofluoromethane	101	5.221	5.216	0.005	97	8071	0.2307	
18 1,1,2-Trichloro-1,2,2-trif	101	6.286	6.275	0.011	89	1505	0.0635	
20 1,1-Dichloroethene	96		6.334				ND	
21 Acetone	43		6.580				ND	
22 Carbon disulfide	76		6.730				ND	
23 Isopropyl alcohol	45		6.858				ND	
24 3-Chloro-1-propene	41		7.126				ND	
26 Methylene Chloride	49		7.415				ND	
28 2-Methyl-2-propanol	59		7.623				ND	
29 Methyl tert-butyl ether	73		7.800				ND	
30 trans-1,2-Dichloroethene	61		7.843				ND	
32 Hexane	57		8.217				ND	
33 1,1-Dichloroethane	63		8.731				ND	
35 cis-1,2-Dichloroethene	96		9.849				ND	
36 2-Butanone (MEK)	72		9.902				ND	
S 38 1,2-Dichloroethene, Total	61		10.000				ND	
39 Tetrahydrofuran	42	10.325	10.309	0.016	75	1843	0.1150	
* 40 Chlorobromomethane	128	10.319	10.319	0.000	93	124503	10.0	
41 Chloroform	83		10.448				ND	
42 Cyclohexane	84		10.689				ND	
43 1,1,1-Trichloroethane	97		10.726				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Carbon tetrachloride	117	10.983	10.972	0.011	94	2725	0.0798	
45 Isooctane	57		11.405				ND	
46 Benzene	78	11.459	11.459	0.000	95	7526	0.1564	
47 1,2-Dichloroethane	62		11.657				ND	
48 n-Heptane	43		11.796				ND	
* 50 1,4-Difluorobenzene	114	12.315	12.320	-0.005	95	755666	10.0	
52 Trichloroethene	95		12.796				ND	
53 1,2-Dichloropropane	63		13.401				ND	
54 Methyl methacrylate	69		13.545				ND	
55 1,4-Dioxane	88		13.610				ND	
57 Dichlorobromomethane	83		13.968				ND	
58 cis-1,3-Dichloropropene	75		14.942				ND	
61 4-Methyl-2-pentanone (MIBK	43		15.236				ND	
62 Toluene	92	15.551	15.551	0.000	91	2709	0.0739	
67 trans-1,3-Dichloropropene	75		16.172				ND	
68 1,1,2-Trichloroethane	83		16.557				ND	
69 Tetrachloroethene	166		16.653				ND	
70 2-Hexanone	43		17.007				ND	
71 Chlorodibromomethane	129		17.344				ND	
72 Ethylene Dibromide	107		17.632				ND	
* 73 Chlorobenzene-d5	117	18.536	18.531	0.005	88	740812	10.0	
74 Chlorobenzene	112		18.595				ND	
75 Ethylbenzene	91		18.740				ND	
77 m-Xylene & p-Xylene	106		18.991				ND	
78 o-Xylene	106		19.799				ND	
79 Styrene	104		19.847				ND	
S 80 Xylenes, Total	106		20.000				ND	
81 Bromoform	173		20.254				ND	
82 Isopropylbenzene	105		20.430				ND	
* 83 4-Bromofluorobenzene	95	20.789	20.789	0.000	90	549976	10.0	
85 1,1,2,2-Tetrachloroethane	83		21.051				ND	
86 N-Propylbenzene	91		21.110				ND	
89 4-Ethyltoluene	105		21.292				ND	
90 2-Chlorotoluene	91		21.308				ND	
91 1,3,5-Trimethylbenzene	105		21.388				ND	
93 tert-Butylbenzene	119		21.859				ND	
94 1,2,4-Trimethylbenzene	105		21.950				ND	
95 sec-Butylbenzene	105		22.174				ND	
96 4-Isopropyltoluene	119		22.372				ND	
97 1,3-Dichlorobenzene	146		22.415				ND	
98 1,4-Dichlorobenzene	146		22.554				ND	
99 Benzyl chloride	91		22.763				ND	
101 n-Butylbenzene	91		22.966				ND	
102 1,2-Dichlorobenzene	146		23.116				ND	
104 1,2,4-Trichlorobenzene	180		25.780				ND	
105 Hexachlorobutadiene	225		25.962				ND	
106 Naphthalene	128		26.315				ND	

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

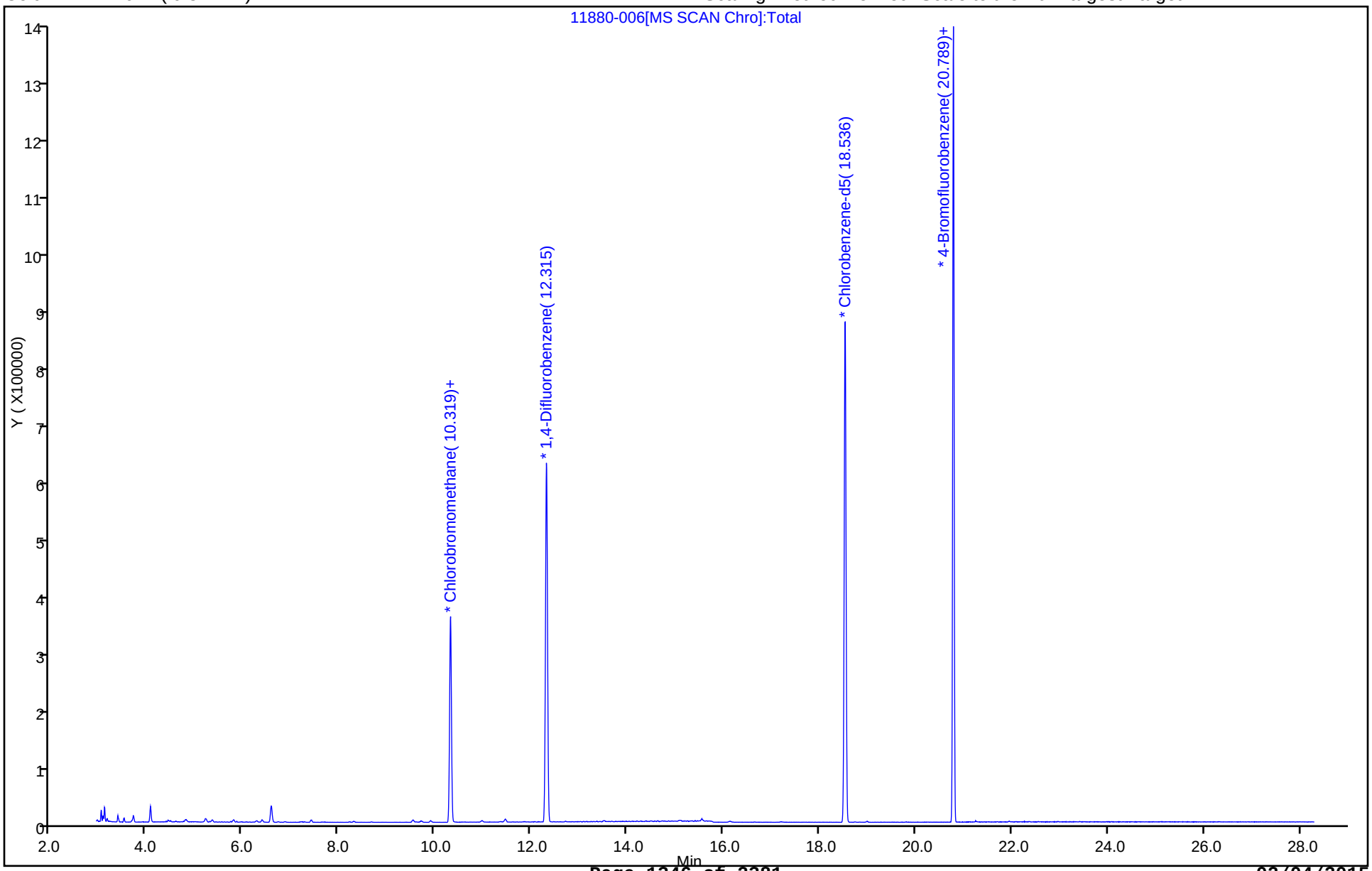
Report Date: 30-Jan-2015 07:34:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-006.D

Injection Date:	29-Jan-2015 14:53:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	280-64806-A-26	Lab Sample ID:	200-64806-26	Worklist Smp#:	6
Client ID:	785786OA10				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



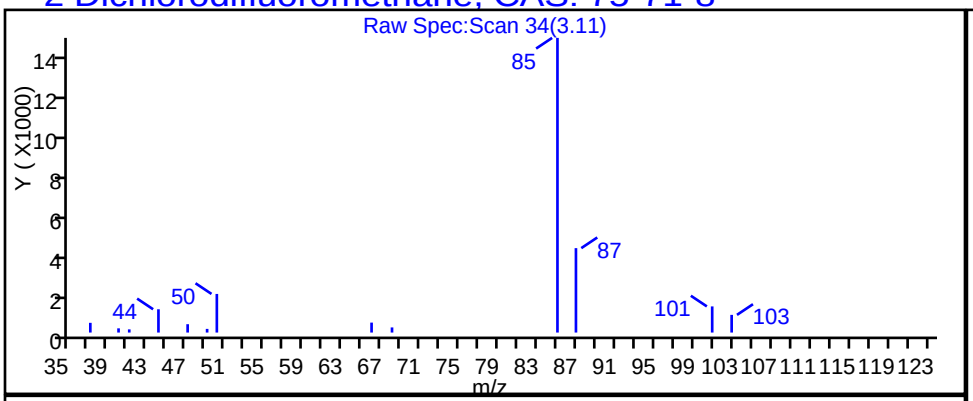
Report Date: 30-Jan-2015 07:34:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

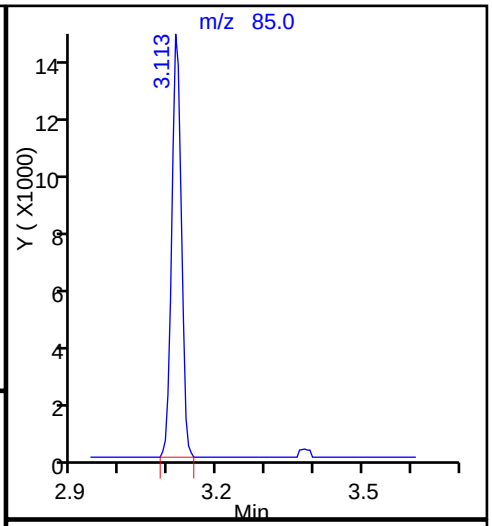
TestAmerica Burlington

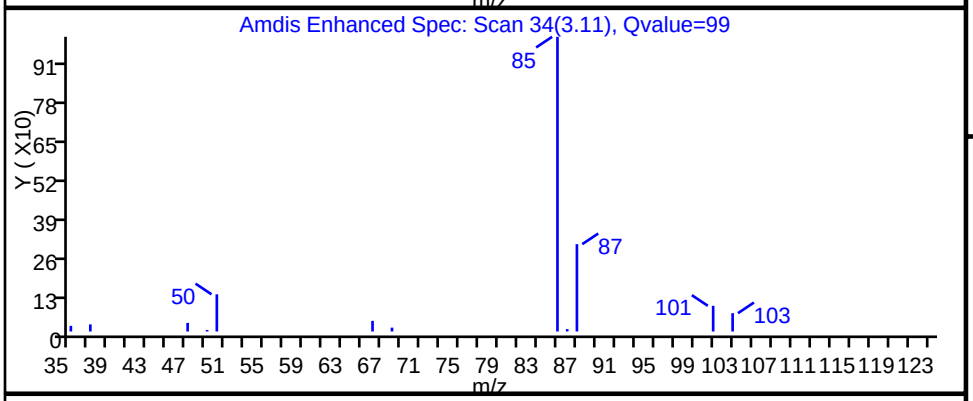
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-006.D

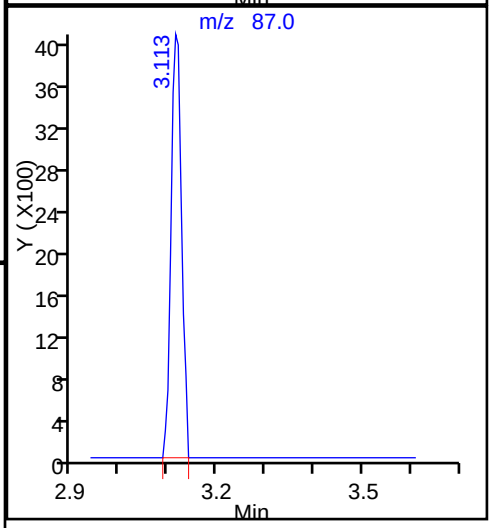
Injection Date:	29-Jan-2015 14:53:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-26	Lab Sample ID:	200-64806-26		
Client ID:	785786OA10				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

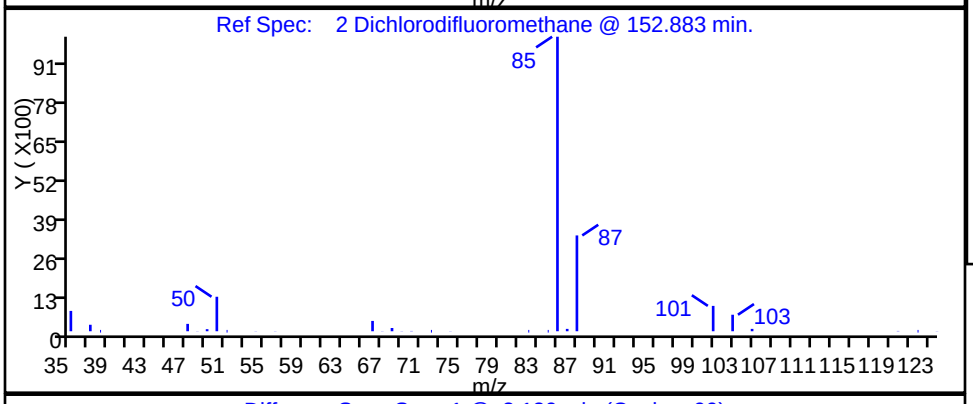
2 Dichlorodifluoromethane, CAS: 75-71-8

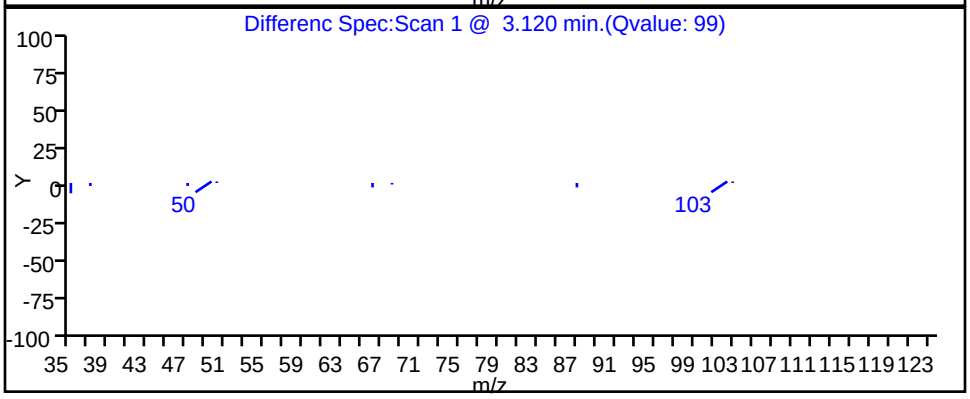












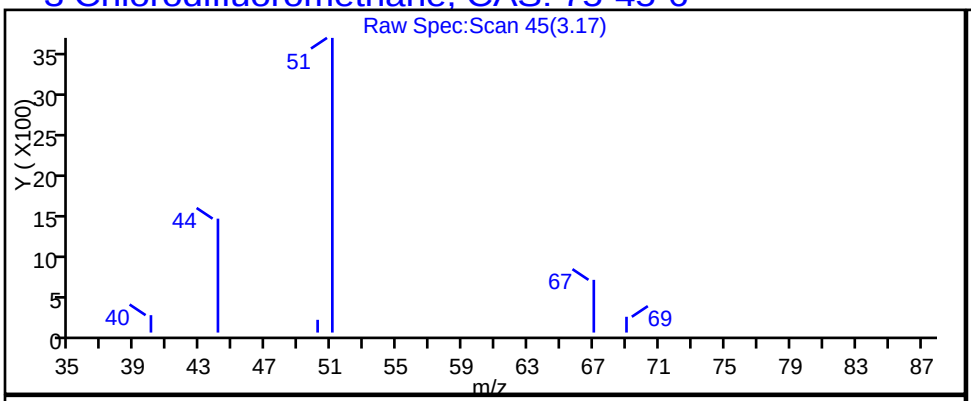
Report Date: 30-Jan-2015 07:34:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

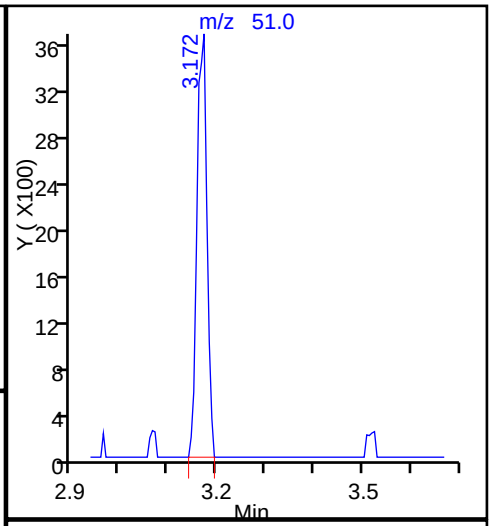
TestAmerica Burlington

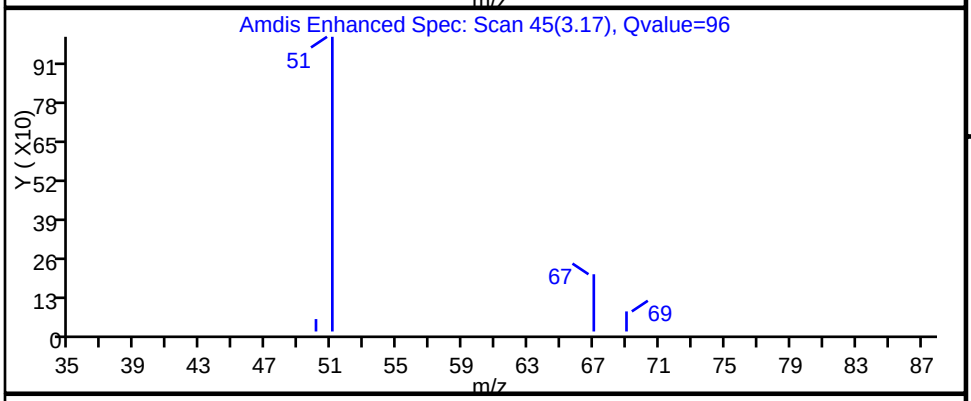
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-006.D

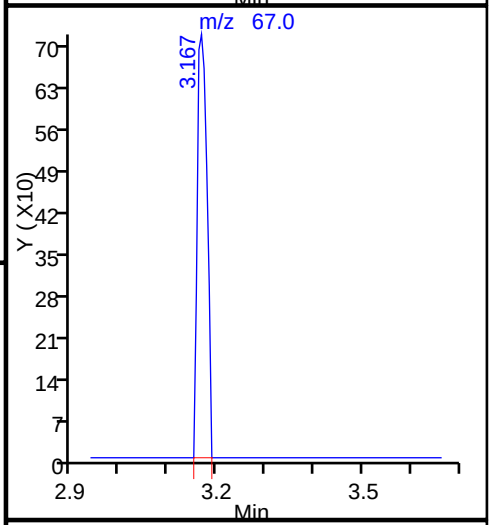
Injection Date:	29-Jan-2015 14:53:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-26	Lab Sample ID:	200-64806-26		
Client ID:	785786OA10				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

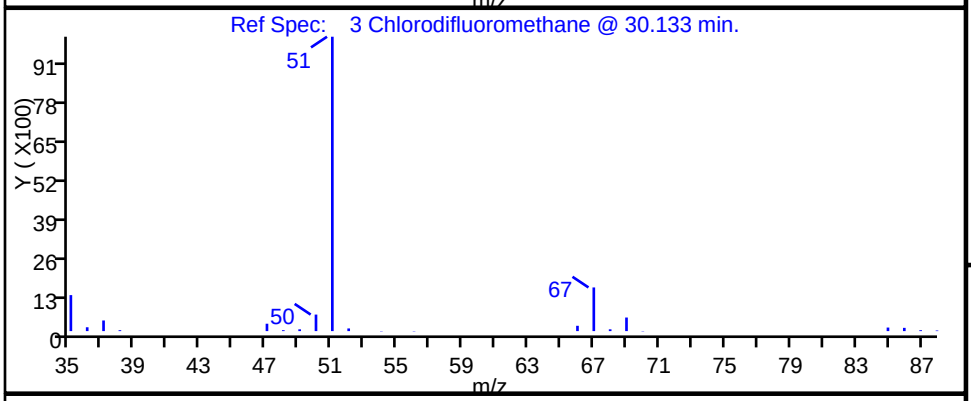
3 Chlorodifluoromethane, CAS: 75-45-6

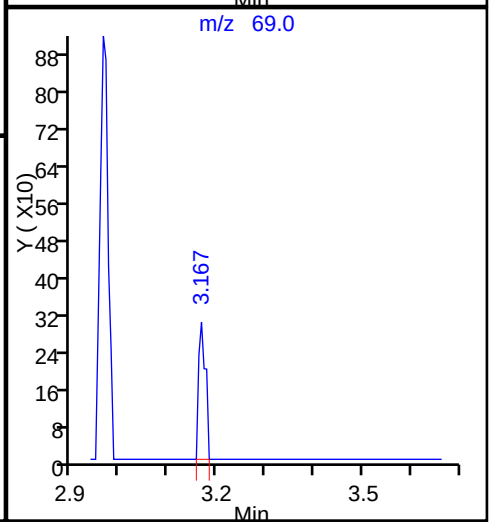


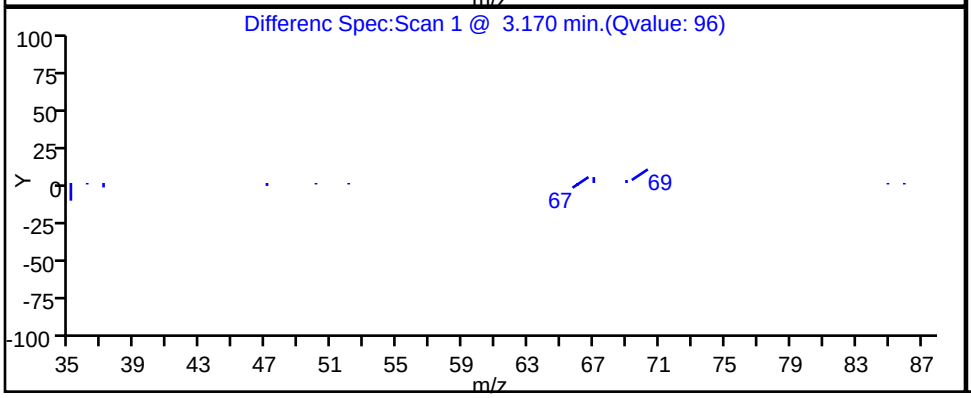












Report Date: 30-Jan-2015 07:34:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

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Injection Date:	29-Jan-2015 14:53:30	Instrument ID:	CHX.i		
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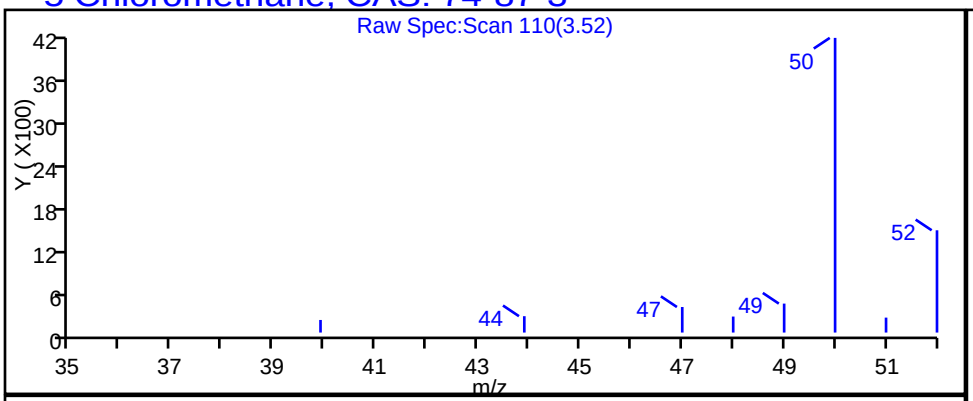
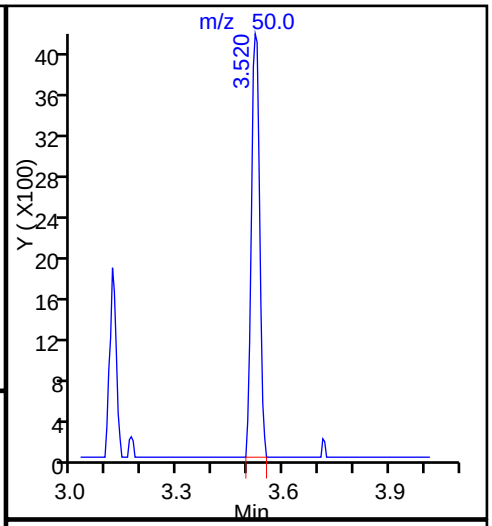
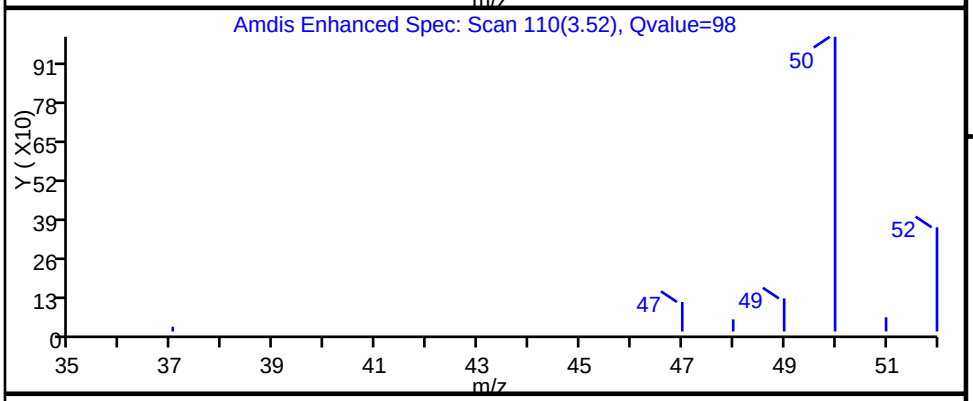
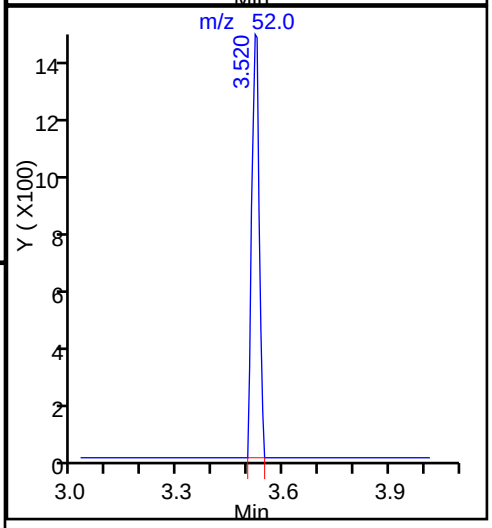
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

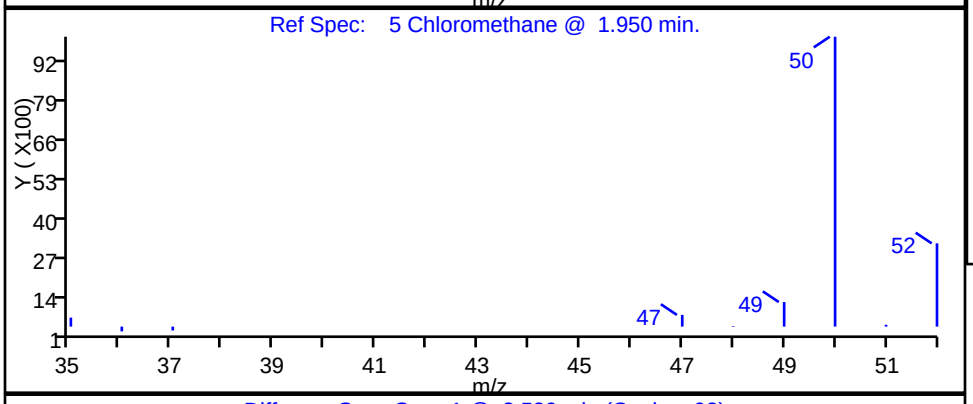
5 Chloromethane, CAS: 74-87-3

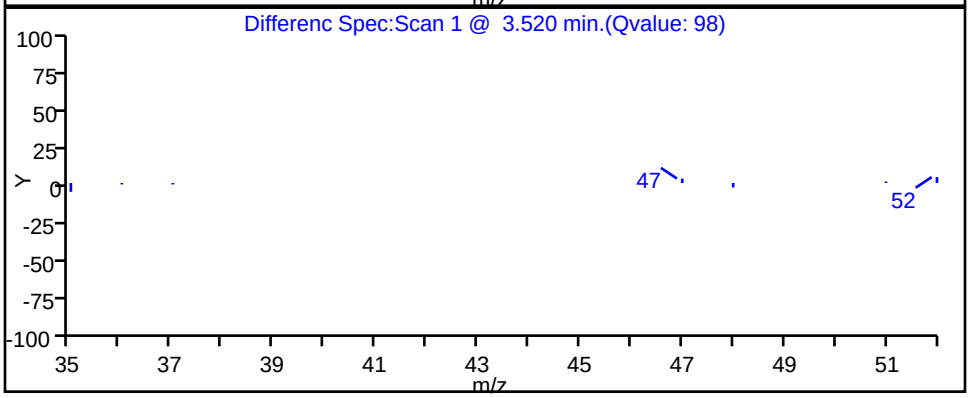












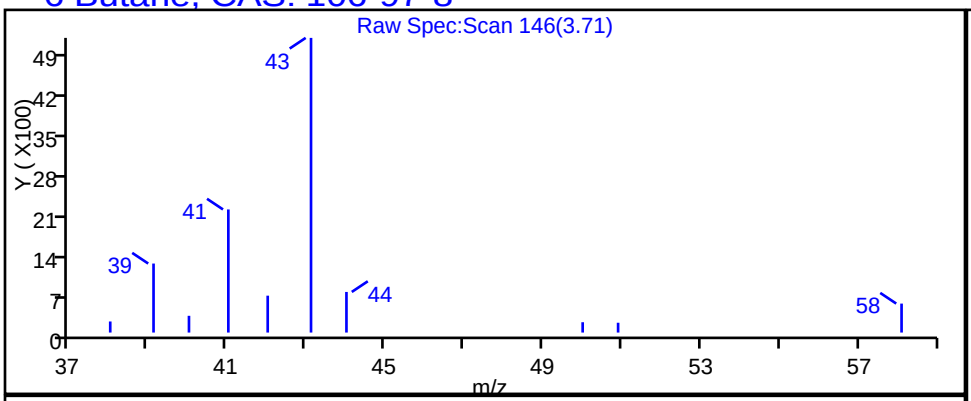
Report Date: 30-Jan-2015 07:34:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

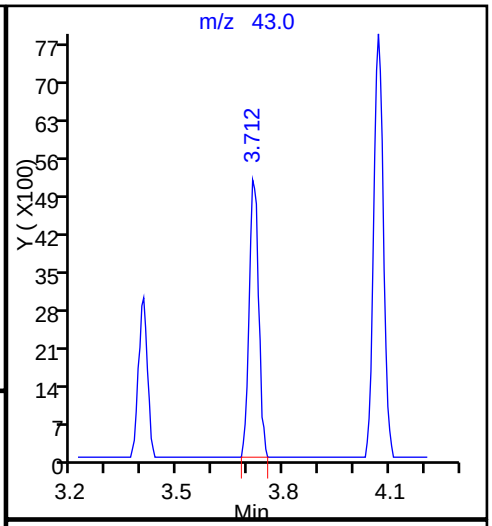
TestAmerica Burlington

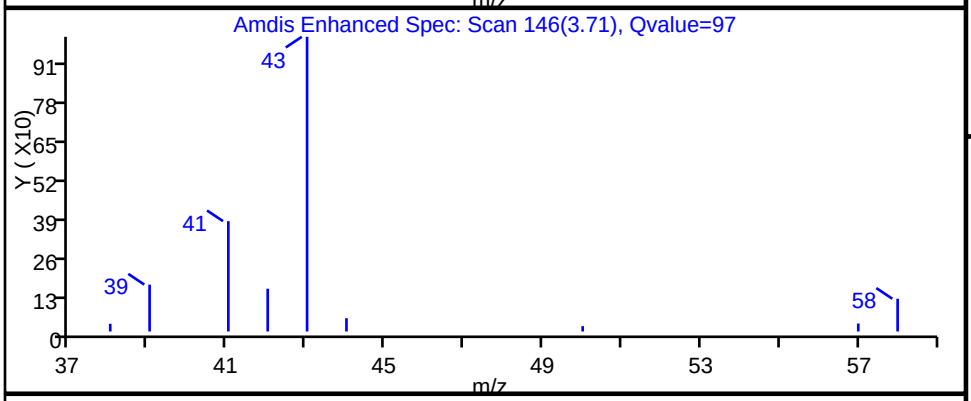
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-006.D

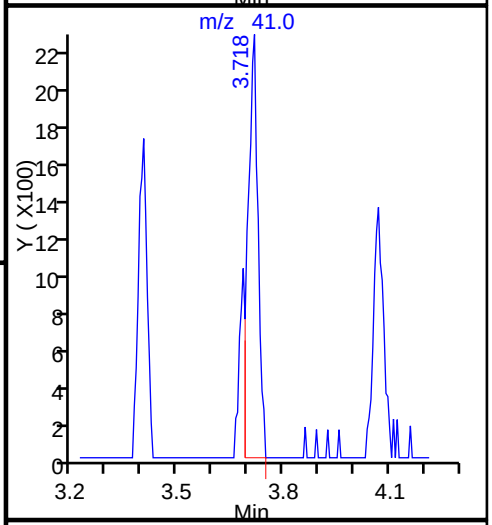
Injection Date:	29-Jan-2015 14:53:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-26	Lab Sample ID:	200-64806-26		
Client ID:	785786OA10				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

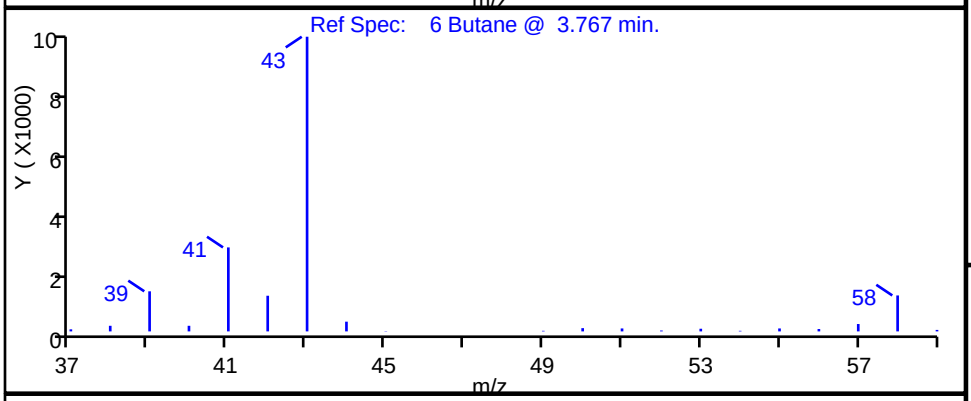
6 Butane, CAS: 106-97-8

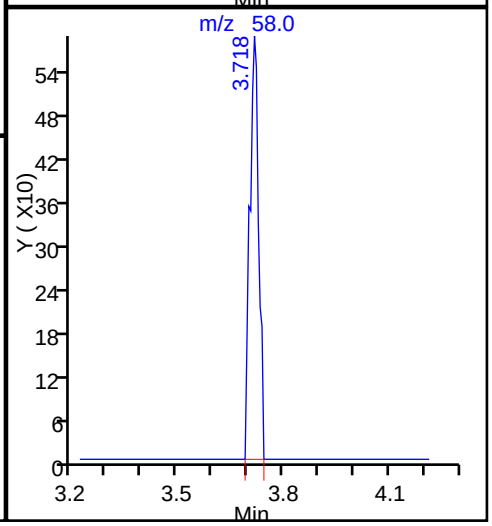


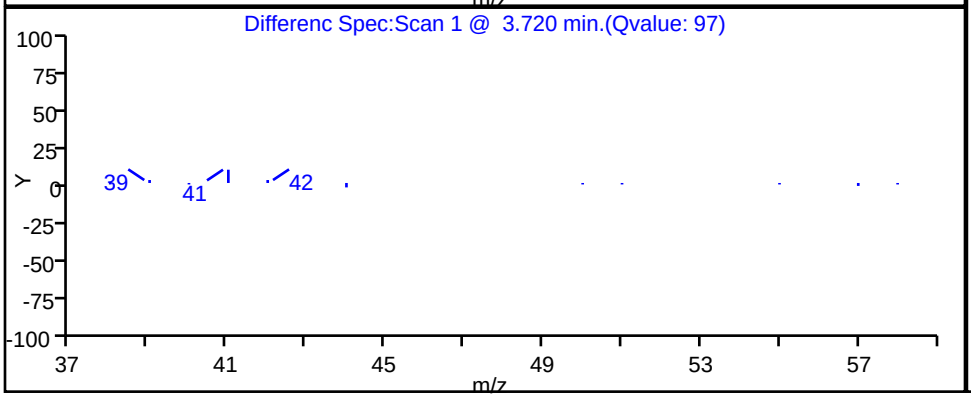












Report Date: 30-Jan-2015 07:34:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-006.D

Injection Date:	29-Jan-2015 14:53:30	Instrument ID:	CHX.i		
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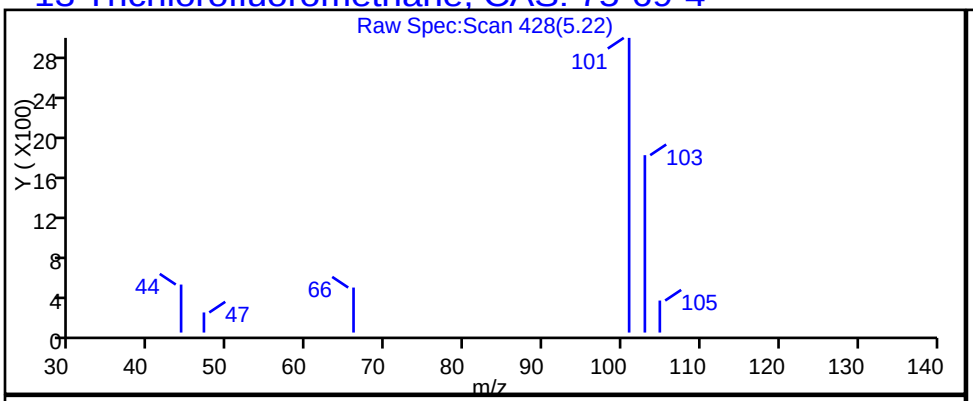
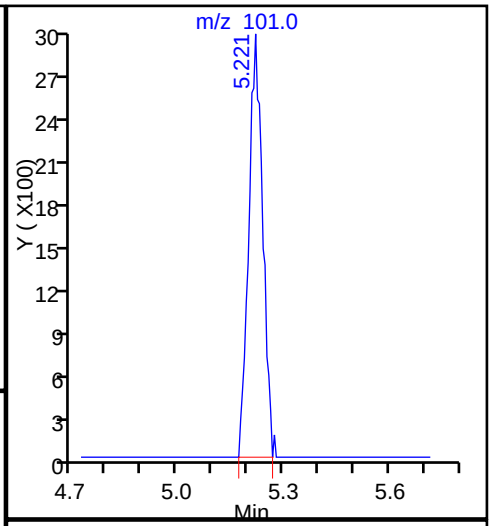
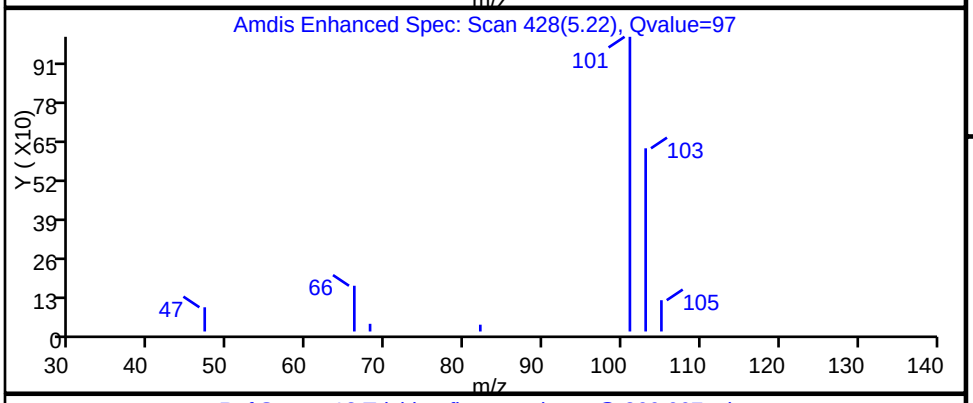
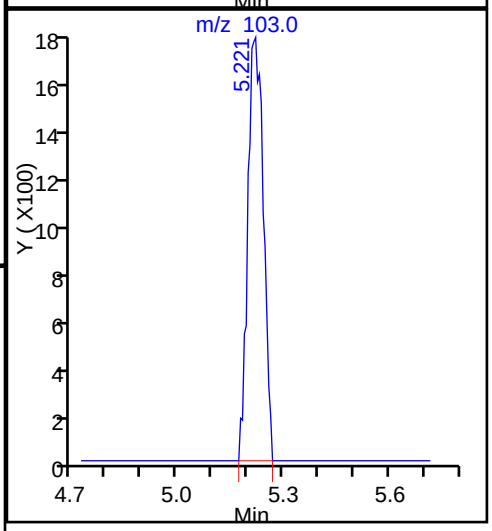
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

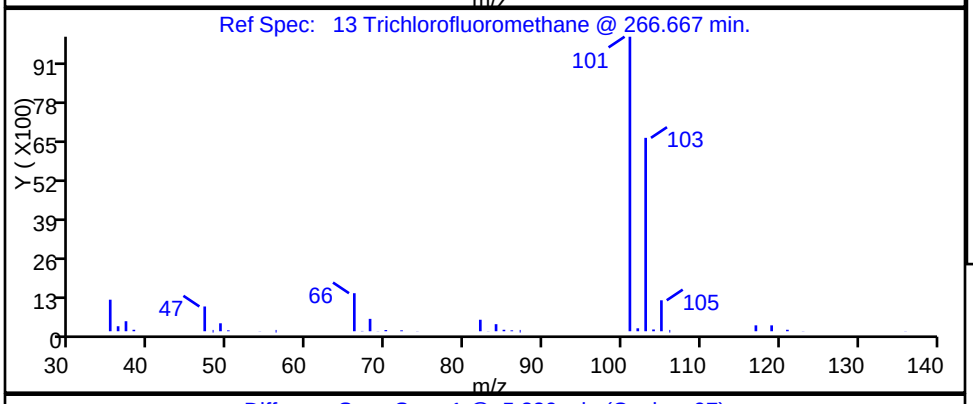
13 Trichlorofluoromethane, CAS: 75-69-4

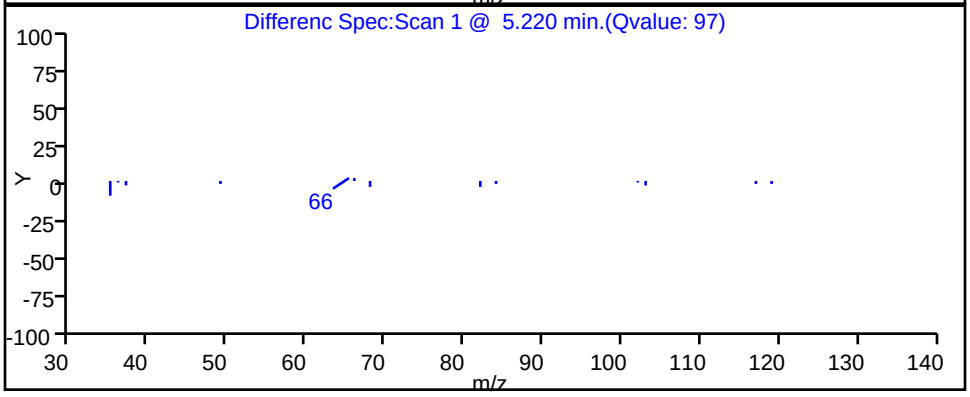










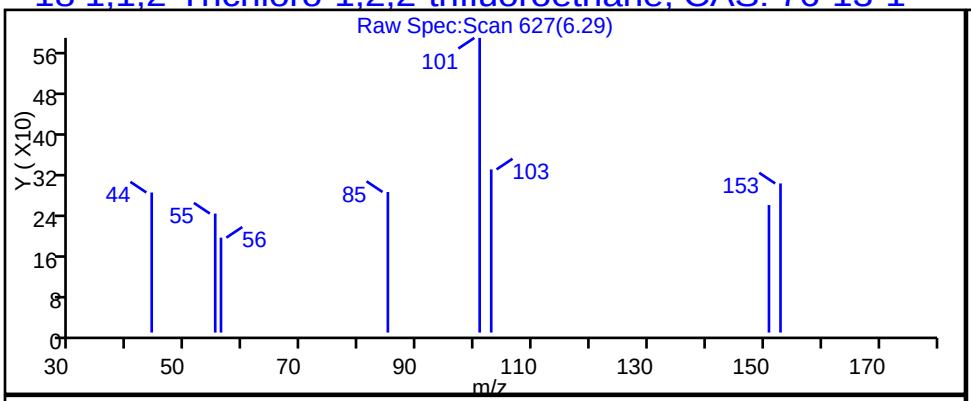


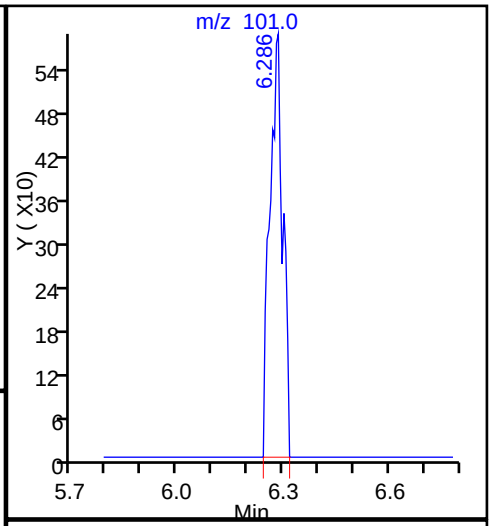
Report Date: 30-Jan-2015 07:34:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

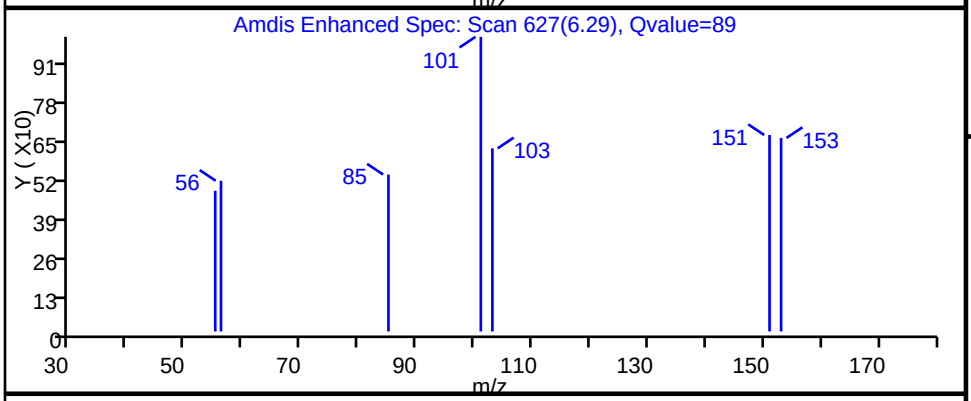
TestAmerica Burlington

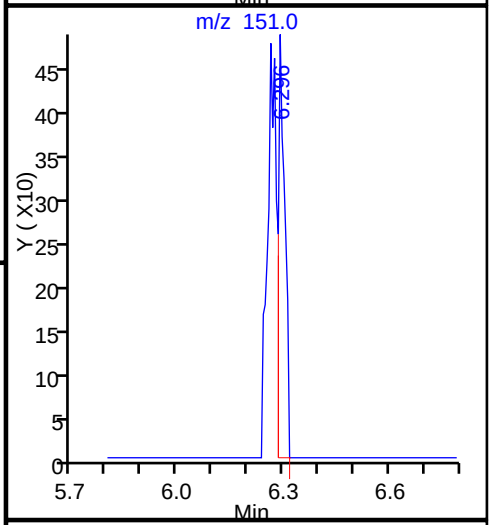
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-006.D				
Injection Date:	29-Jan-2015 14:53:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-26	Lab Sample ID:	200-64806-26		
Client ID:	785786OA10				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

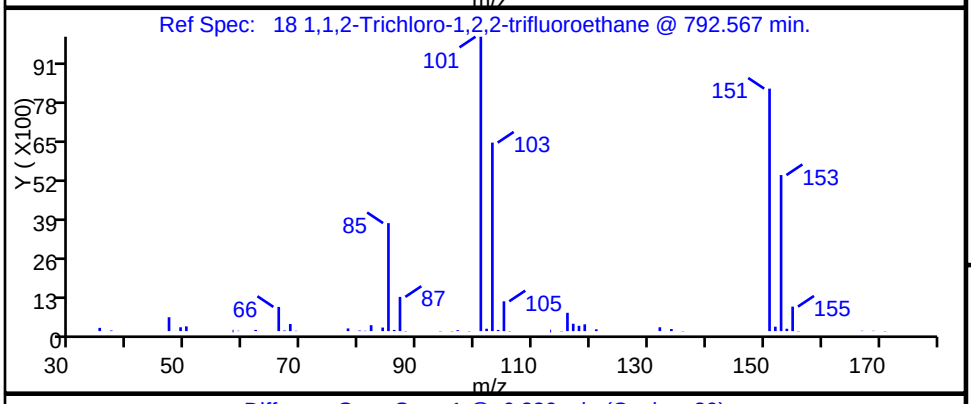
18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

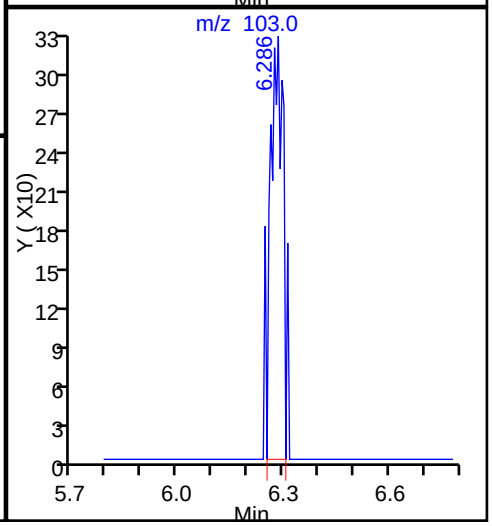


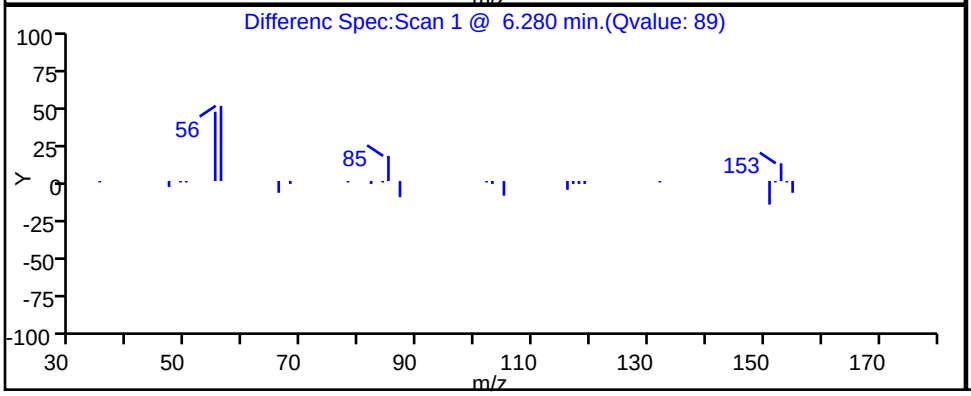








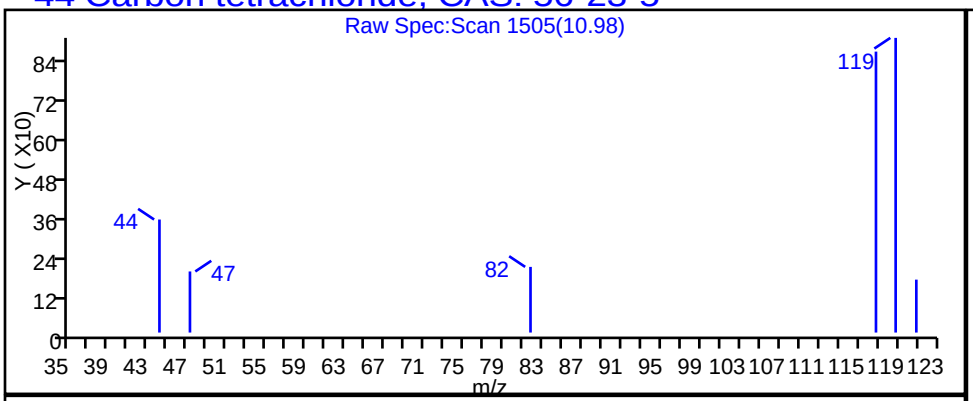


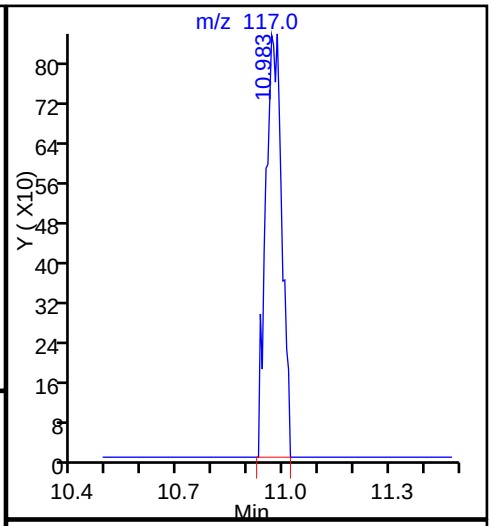


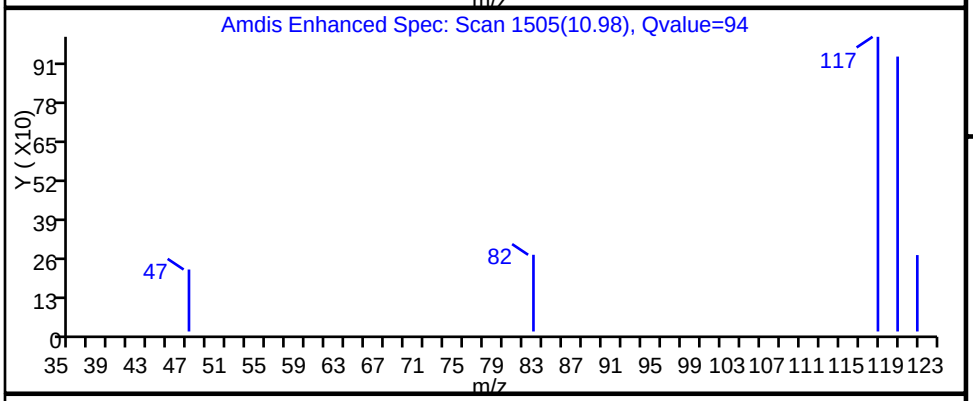
TestAmerica Burlington

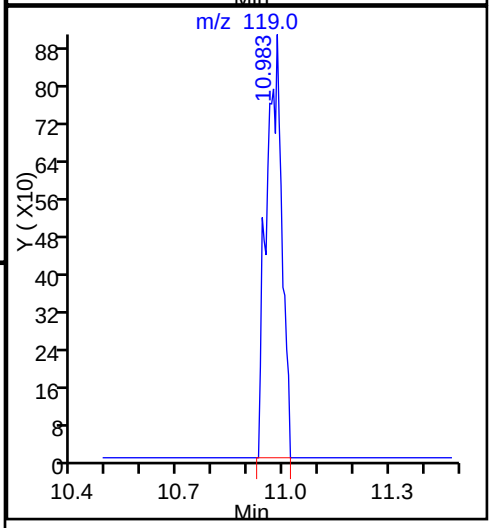
Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-006.D				
Injection Date:	29-Jan-2015 14:53:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-26	Lab Sample ID:	200-64806-26		
Client ID:	785786OA10				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

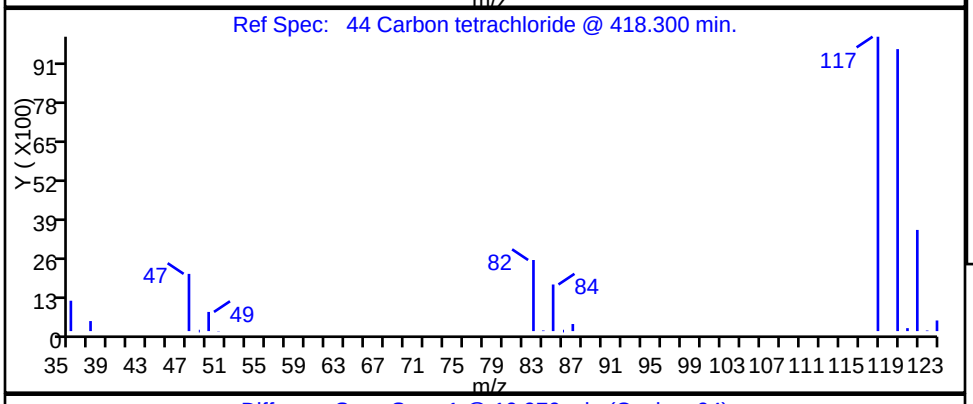
44 Carbon tetrachloride, CAS: 56-23-5

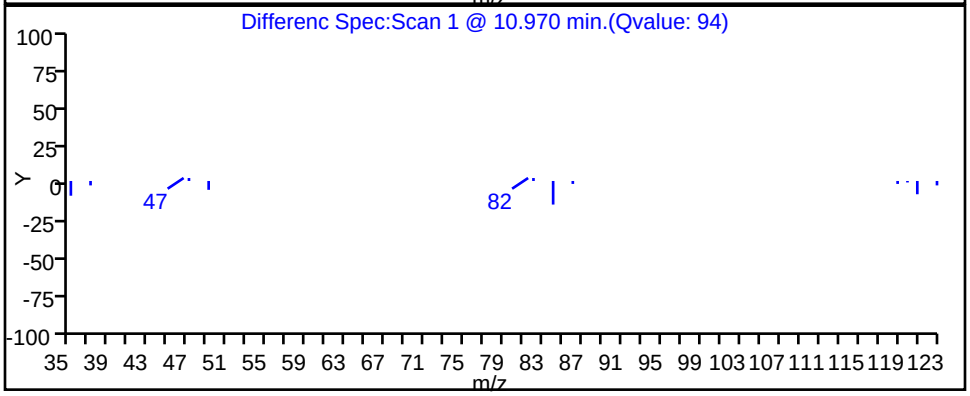












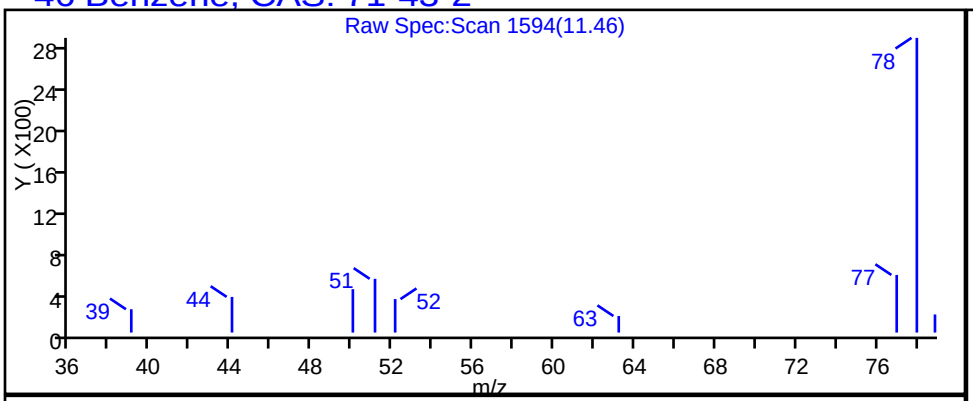
Report Date: 30-Jan-2015 07:34:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

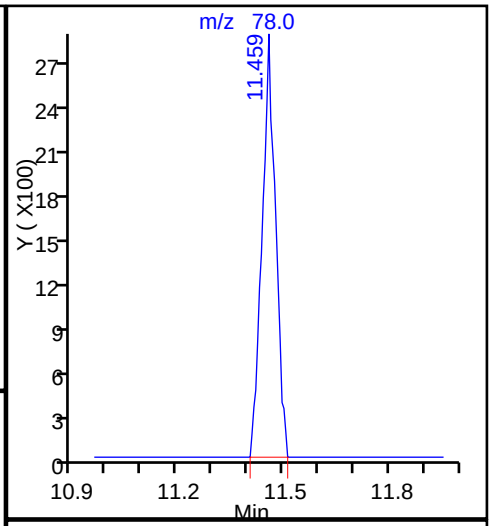
TestAmerica Burlington

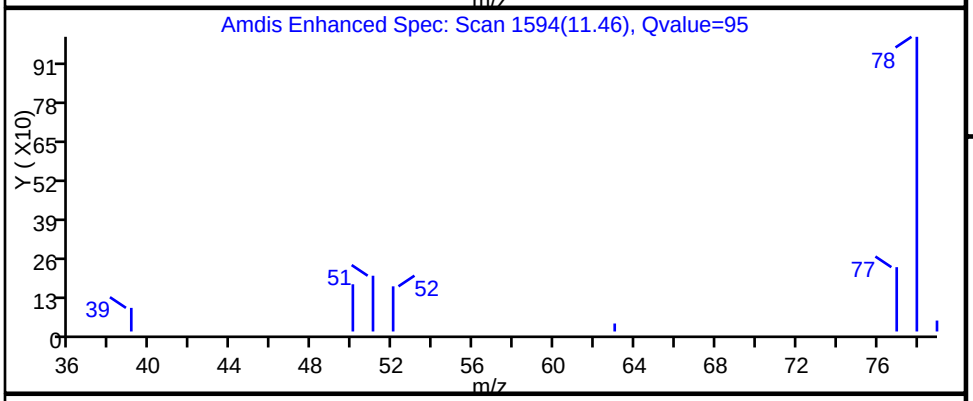
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-006.D

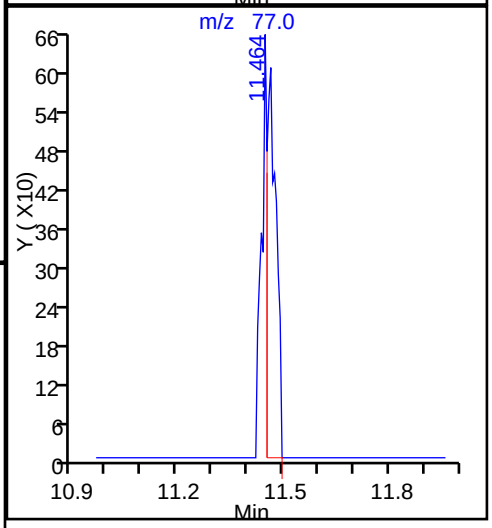
Injection Date:	29-Jan-2015 14:53:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-26	Lab Sample ID:	200-64806-26		
Client ID:	785786OA10				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

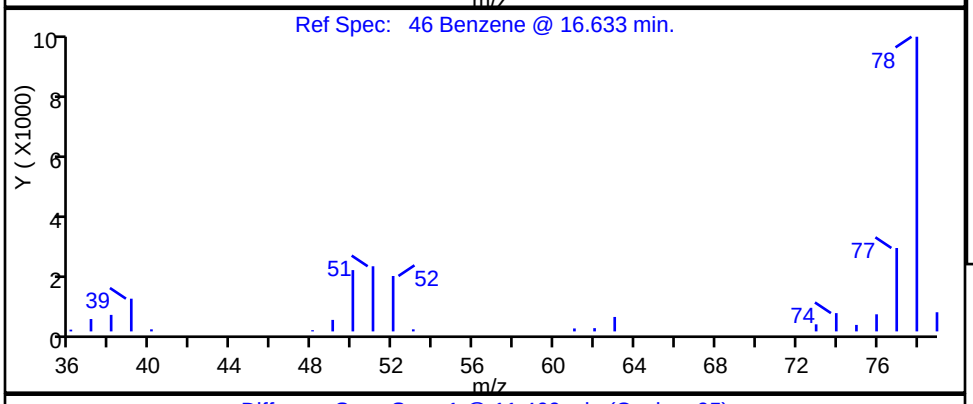
46 Benzene, CAS: 71-43-2

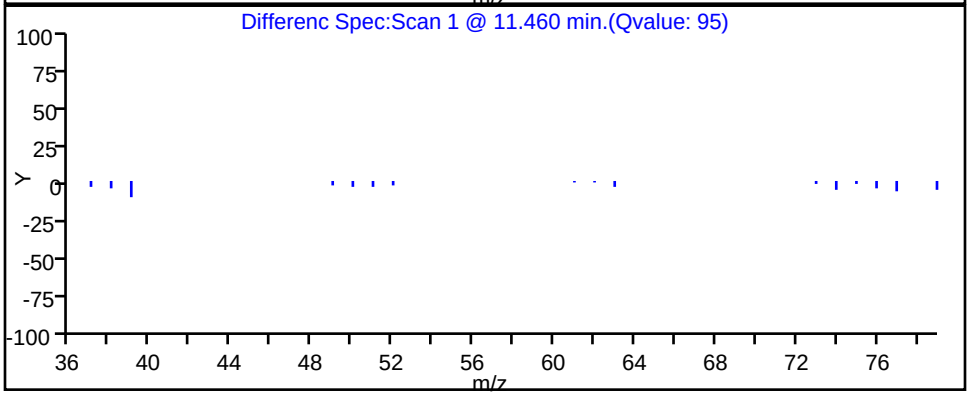












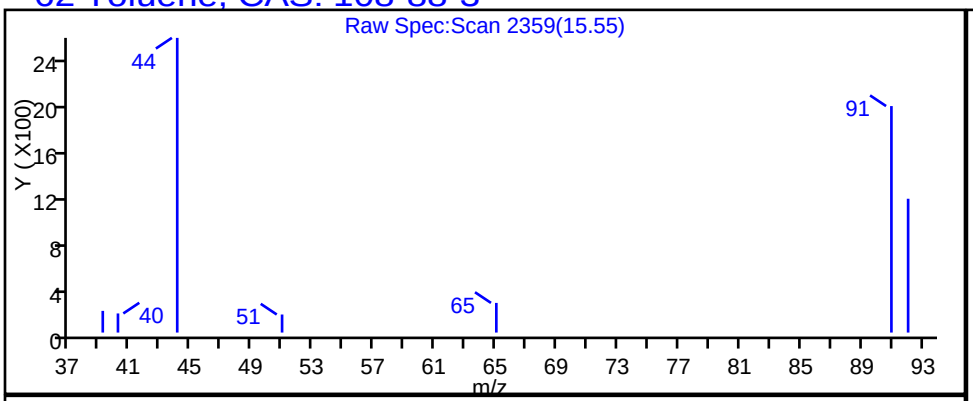
Report Date: 30-Jan-2015 07:34:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

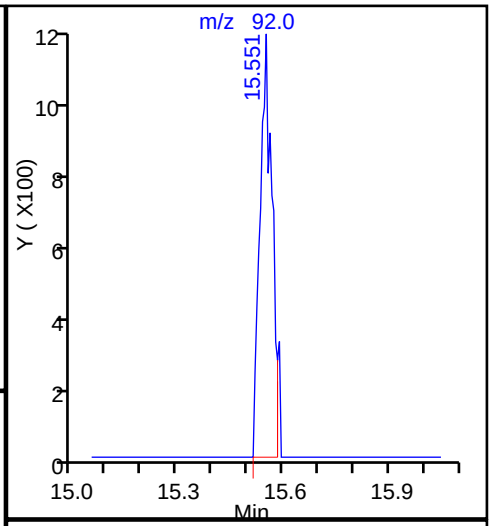
TestAmerica Burlington

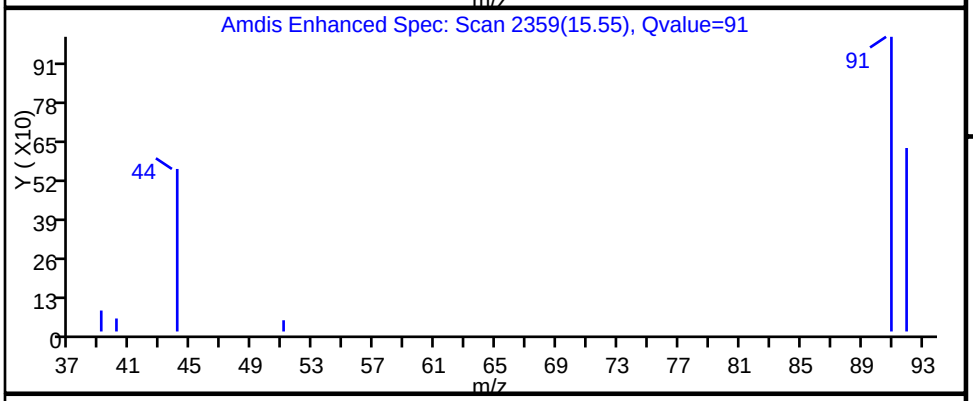
Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-006.D

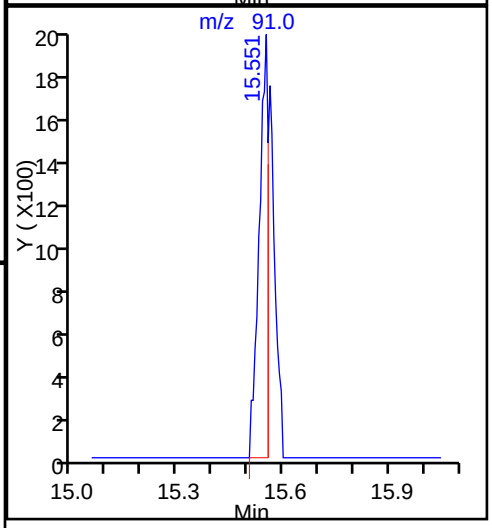
Injection Date:	29-Jan-2015 14:53:30	Instrument ID:	CHX.i		
Lims ID:	280-64806-A-26	Lab Sample ID:	200-64806-26		
Client ID:	785786OA10				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

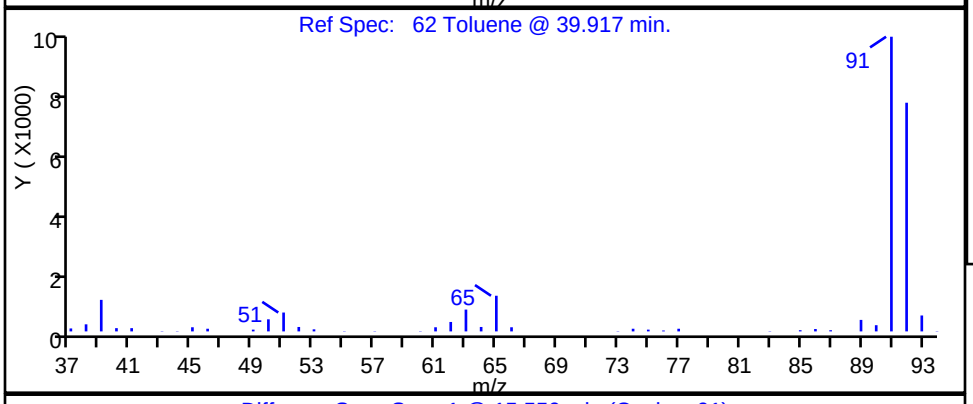
62 Toluene, CAS: 108-88-3

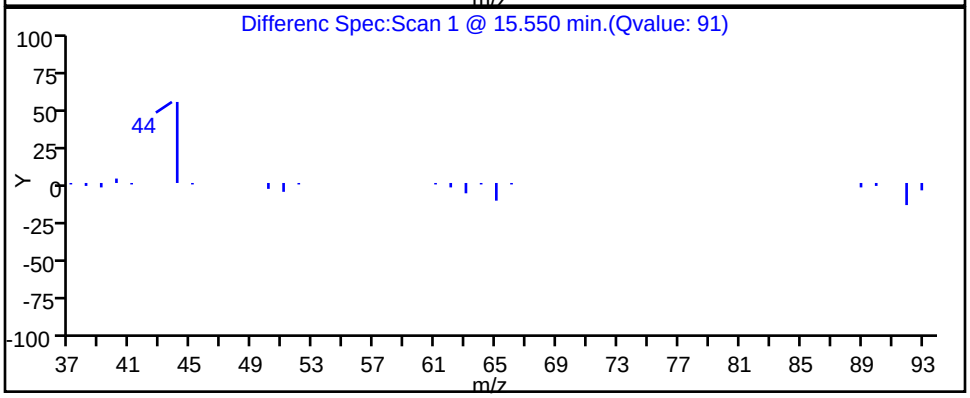












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0202NA Lab Sample ID: 280-64806-27

Matrix: Air Lab File ID: 11879_21a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:20

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.48	J	0.50	0.056
75-45-6	Freon 22	86.47	0.21	J M	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	1.0		0.50	0.060
106-97-8	n-Butane	58.12	0.20	U	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.22	M	0.20	0.045
76-13-1	Freon TF	187.38	0.055	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	3.2	J	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.21	J	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.21		0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.74		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	2.8	J	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.067	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.12	J M	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0202NA Lab Sample ID: 280-64806-27

Matrix: Air Lab File ID: 11879_21a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:20

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.11	J M	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.34	M	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.098	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.26	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.12	J M	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.38		0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	J	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0202NA Lab Sample ID: 280-64806-27

Matrix: Air Lab File ID: 11879_21a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:20

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0202NA Lab Sample ID: 280-64806-27

Matrix: Air Lab File ID: 11879_21a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:20

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.4	J	2.5	0.28
75-45-6	Freon 22	86.47	0.75	J M	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	2.2		1.0	0.12
106-97-8	n-Butane	58.12	0.48	U	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.2	M	1.1	0.25
76-13-1	Freon TF	187.38	0.42	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	7.7	J	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.65	J	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.74		0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	2.2		1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	8.2	J	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.42	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.37	J M	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0202NA Lab Sample ID: 280-64806-27

Matrix: Air Lab File ID: 11879_21a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:20

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.60	J M	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	1.3	M	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.42	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	1.1	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.53	J M	0.87	0.078
1330-20-7	Xylene (total)	106.17	1.7		0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.72	J	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0202NA Lab Sample ID: 280-64806-27

Matrix: Air Lab File ID: 11879_21a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:20

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 03:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D
Lims ID: 280-64806-A-27 Lab Sample ID: 200-64806-27
Client ID: 785VMP0202NA
Sample Type: Client
Inject. Date: 30-Jan-2015 03:57:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011879-021
Misc. Info.: 64806-27
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 02-Feb-2015 08:44:11 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: lyonsb Date: 30-Jan-2015 16:02:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
5 Dichlorodifluoromethane	85	3.218	3.218	0.000	99	86205	0.4772	
6 Chlorodifluoromethane	51	3.267	3.261	0.006	42	21670	0.2125	M
7 1,2-Dichloro-1,1,2,2-tetra	85		3.448				ND	
8 Chloromethane	50	3.581	3.581	0.000	98	48144	1.05	
9 Butane	43		3.763				ND	
10 Vinyl chloride	62		3.800				ND	
11 Butadiene	54		3.875				ND	
12 Bromomethane	94		4.579				ND	
14 Chloroethane	64		4.809				ND	
16 Vinyl bromide	106		5.241				ND	
17 Trichlorofluoromethane	101	5.332	5.326	0.006	64	39107	0.2201	M
23 1,1,2-Trichloro-1,2,2-trif	101	6.383	6.372	0.011	11	6335	0.0550	
24 1,1-Dichloroethene	96		6.453				ND	
25 Acetone	43	6.634	6.629	0.005	86	325118	3.24	
26 Isopropyl alcohol	45		6.826				ND	
27 Carbon disulfide	76	6.896	6.885	0.011	95	27112	0.2091	
29 3-Chloro-1-propene	41		7.173				ND	
31 Methylene Chloride	49		7.429				ND	
32 2-Methyl-2-propanol	59		7.536				ND	
33 Methyl tert-butyl ether	73		7.765				ND	
34 trans-1,2-Dichloroethene	61		7.840				ND	
36 Hexane	57	8.139	8.150	-0.011	44	17122	0.2107	
37 1,1-Dichloroethane	63		8.598				ND	
40 2-Butanone (MEK)	72	9.505	9.495	0.010	98	21570	0.7379	
39 cis-1,2-Dichloroethene	96		9.500				ND	
43 Tetrahydrofuran	42	9.868	9.868	0.000	46	181815	2.79	
* 44 Chlorobromomethane	128	9.868	9.874	-0.006	84	576640	10.0	
45 Chloroform	83		9.943				ND	
S 42 1,2-Dichloroethene, Total	61		10.000				ND	
46 Cyclohexane	84		10.199				ND	
47 1,1,1-Trichloroethane	97		10.199				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
48 Carbon tetrachloride	117	10.391	10.391	0.000	72	11253	0.0668	
49 Isooctane	57		10.663				ND	
50 Benzene	78	10.728	10.733	-0.005	4	19760	0.1160	M
51 1,2-Dichloroethane	62		10.839				ND	
52 n-Heptane	43		10.920				ND	
* 54 1,4-Difluorobenzene	114	11.277	11.272	0.005	94	2824196	10.0	
57 Trichloroethene	95	11.635	11.640	-0.005	35	9512	0.1125	M
58 1,2-Dichloropropane	63		12.024				ND	
59 Methyl methacrylate	69		12.051				ND	
60 1,4-Dioxane	88		12.147				ND	
62 Dichlorobromomethane	83		12.377				ND	
64 cis-1,3-Dichloropropene	75		13.006				ND	
65 4-Methyl-2-pentanone (MIBK	43		13.150				ND	
68 Toluene	92	13.428	13.433	-0.005	92	45188	0.3448	M
70 trans-1,3-Dichloropropene	75		13.796				ND	
71 1,1,2-Trichloroethane	83		14.074				ND	
72 Tetrachloroethene	166		14.191				ND	
73 2-Hexanone	43		14.324				ND	
74 Chlorodibromomethane	129		14.618				ND	
75 Ethylene Dibromide	107		14.821				ND	
* 76 Chlorobenzene-d5	117	15.371	15.371	0.000	87	2526298	10.0	
77 Chlorobenzene	112		15.408				ND	
79 Ethylbenzene	91	15.467	15.472	-0.005	80	30919	0.0975	
80 m-Xylene & p-Xylene	106	15.611	15.616	-0.005	0	31500	0.2601	
S 81 Xylenes, Total	106				0		0.3828	
82 o-Xylene	106	16.118	16.128	-0.010	64	14510	0.1226	M
83 Styrene	104		16.150				ND	
84 Bromoform	173		16.449				ND	
85 Isopropylbenzene	105		16.529				ND	
$ 86 4-Bromofluorobenzene	95	16.796	16.795	0.001	94	1778654	NC	
87 1,1,2,2-Tetrachloroethane	83		16.945				ND	
88 N-Propylbenzene	91		17.009				ND	
91 4-Ethyltoluene	105		17.132				ND	
92 2-Chlorotoluene	91		17.180				ND	
93 1,3,5-Trimethylbenzene	105		17.196				ND	
95 tert-Butylbenzene	119		17.580				ND	
96 1,2,4-Trimethylbenzene	105	17.649	17.649	0.000	95	47602	0.1464	
97 sec-Butylbenzene	105		17.842				ND	
98 4-Isopropyltoluene	119		17.991				ND	
99 1,3-Dichlorobenzene	146		18.076				ND	
100 1,4-Dichlorobenzene	146		18.188				ND	
101 Benzyl chloride	91		18.349				ND	
103 n-Butylbenzene	91		18.509				ND	
104 1,2-Dichlorobenzene	146		18.690				ND	
107 1,2,4-Trichlorobenzene	180		21.102				ND	
108 Hexachlorobutadiene	225		21.262				ND	
109 Naphthalene	128		21.609				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

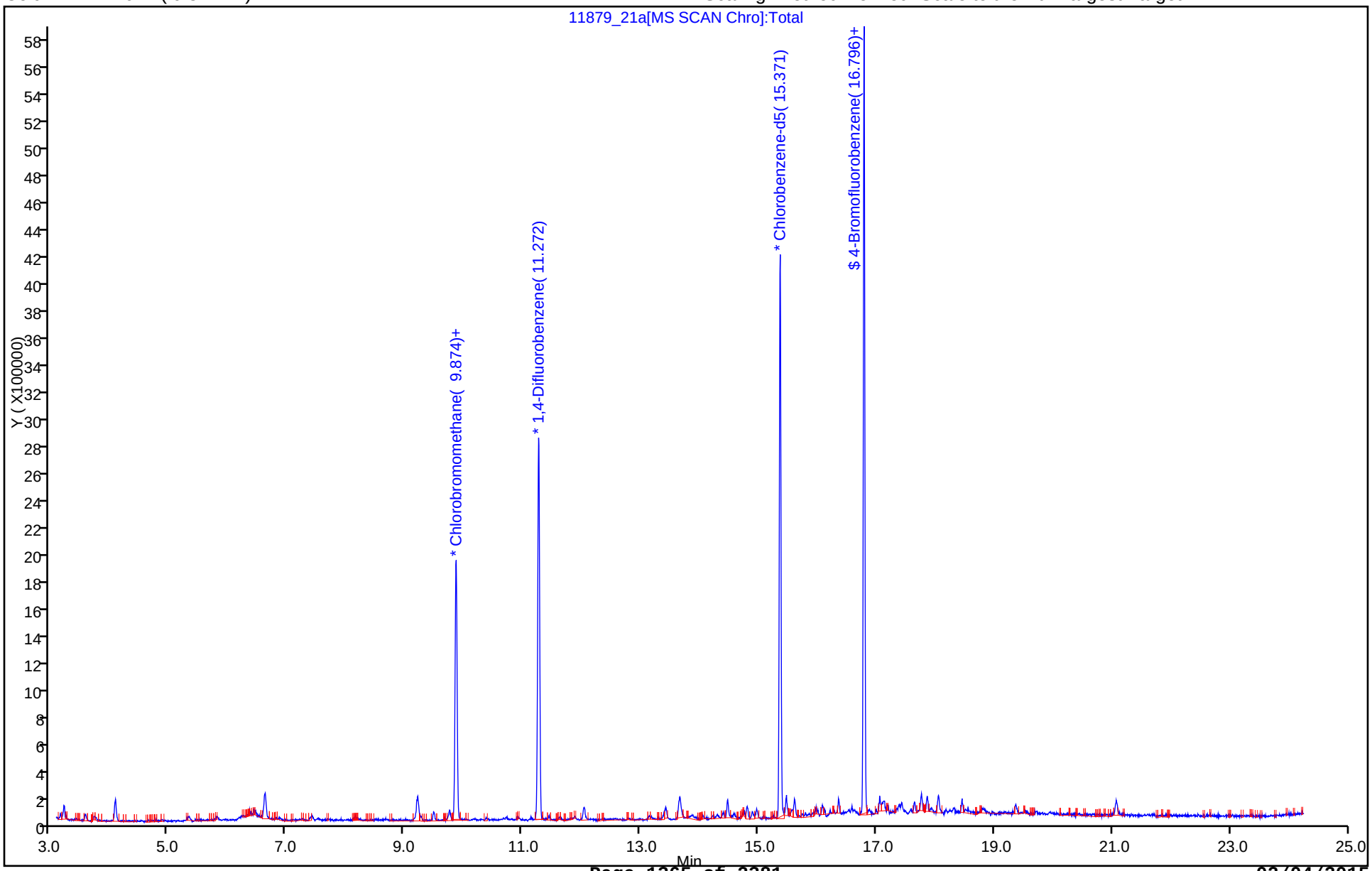
Report Date: 02-Feb-2015 08:44:37 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D

Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27	Worklist Smp#:	21
Client ID:	785VMP0202NA				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



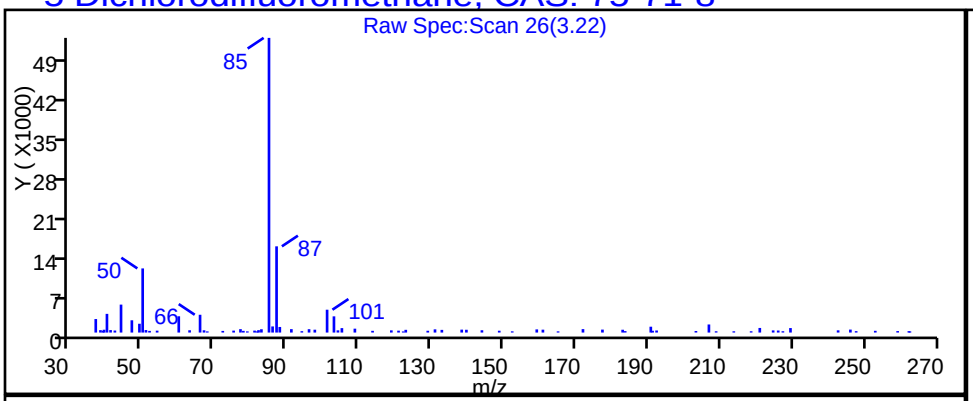
Report Date: 02-Feb-2015 08:44:37 Chrom Revision: 2.2 15-Jan-2015 13:05:58

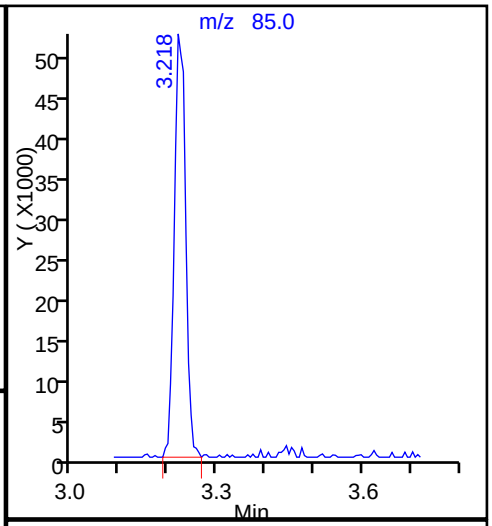
TestAmerica Burlington

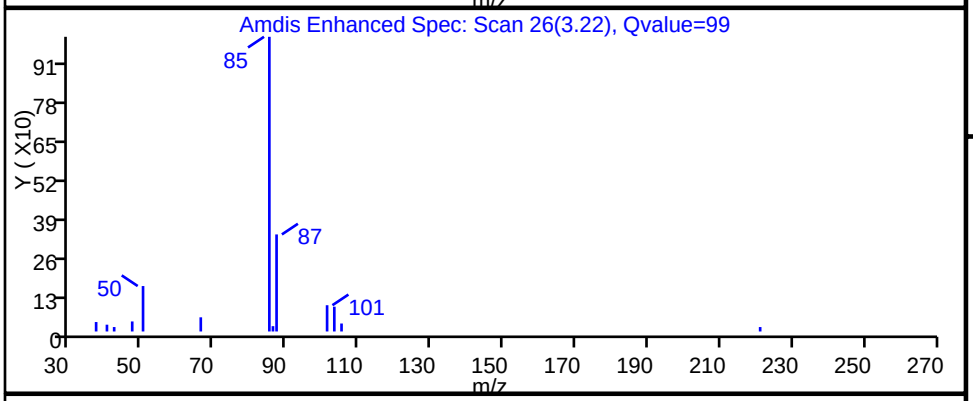
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D

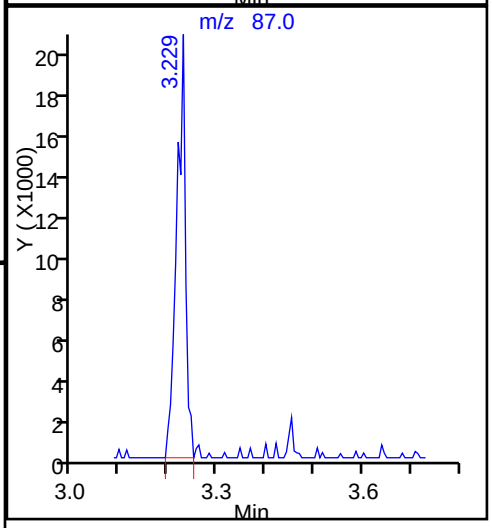
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

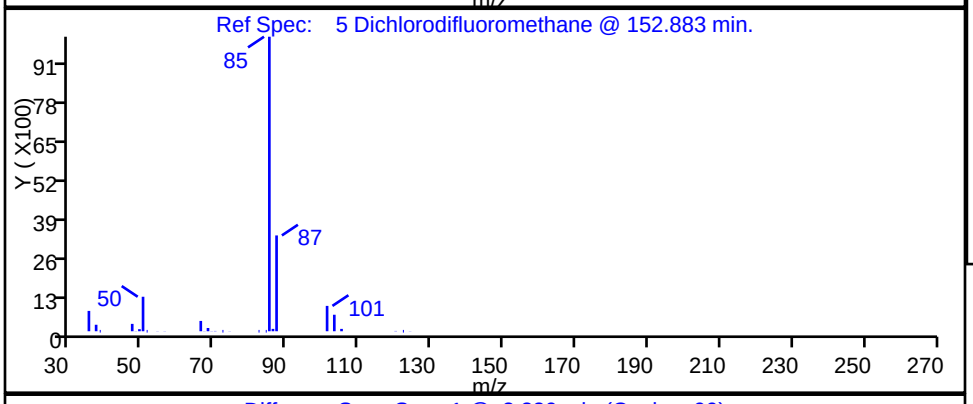
5 Dichlorodifluoromethane, CAS: 75-71-8

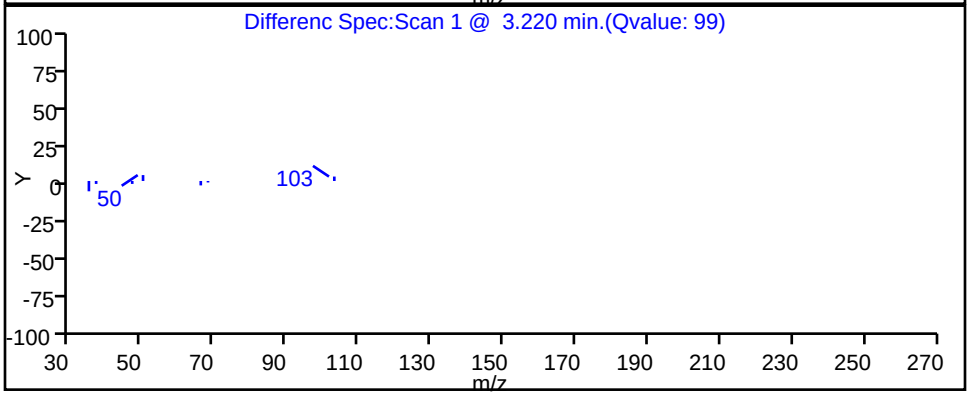












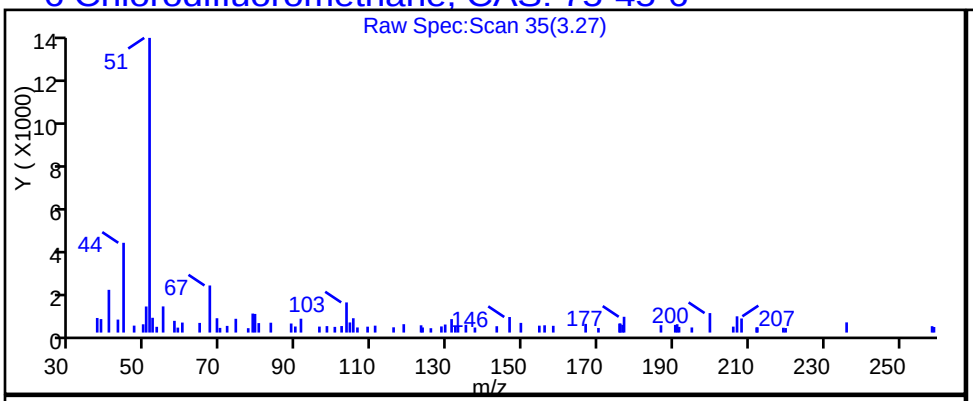
Report Date: 02-Feb-2015 08:44:37 Chrom Revision: 2.2 15-Jan-2015 13:05:58

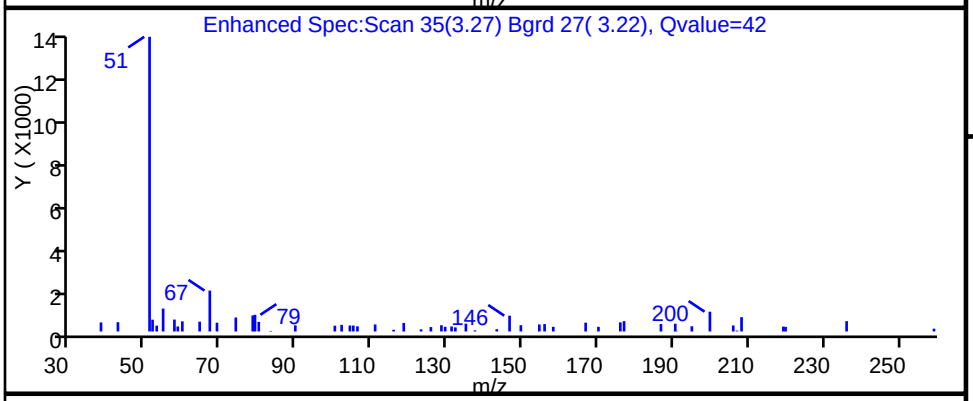
TestAmerica Burlington

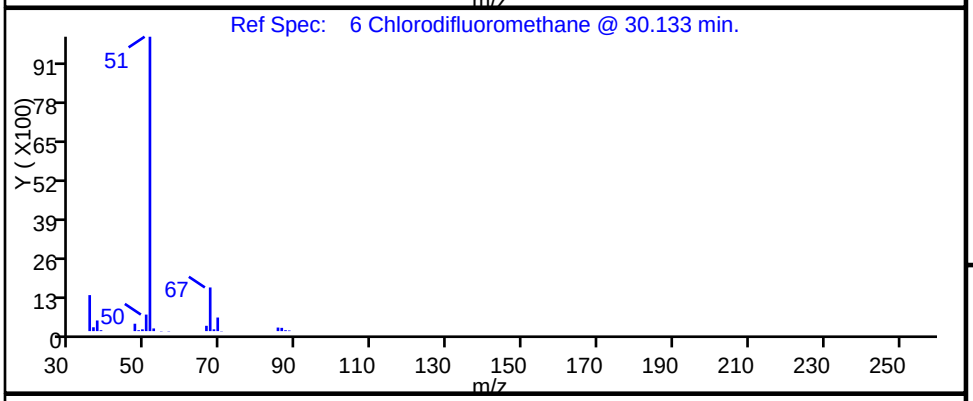
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D

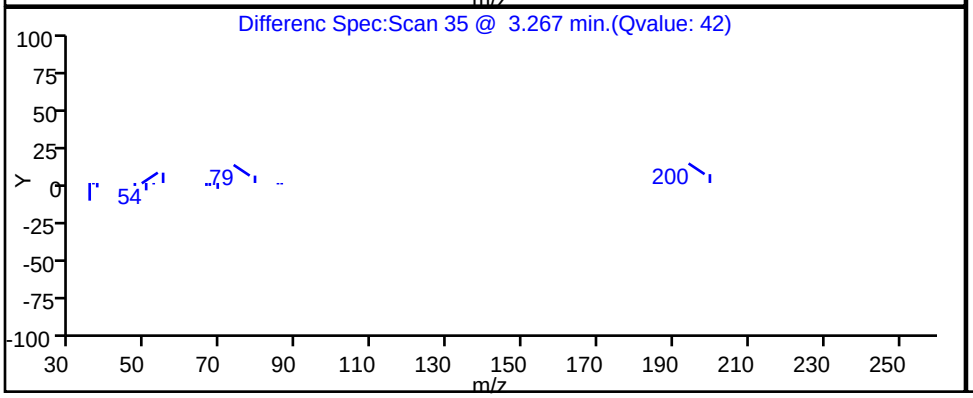
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

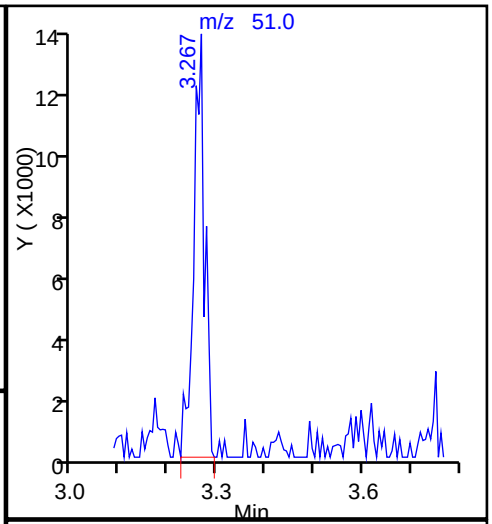
6 Chlorodifluoromethane, CAS: 75-45-6

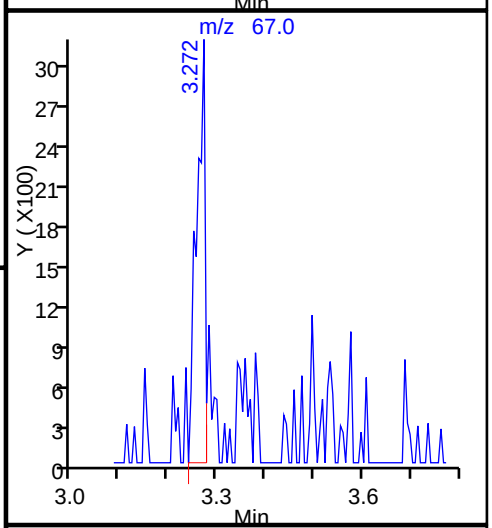


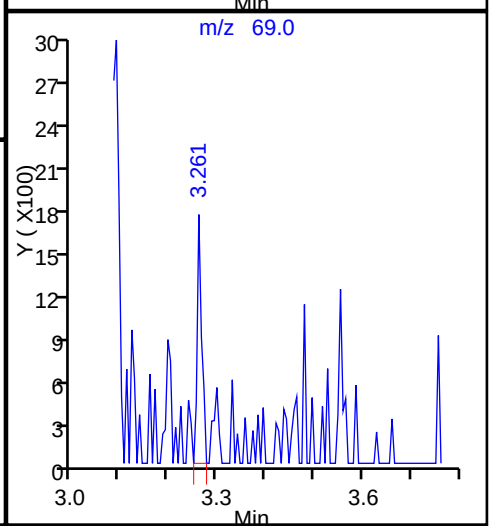












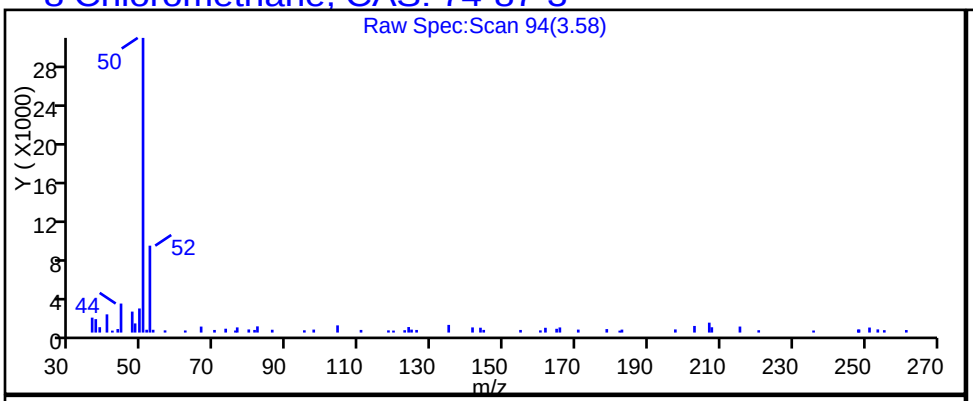
Report Date: 02-Feb-2015 08:44:37 Chrom Revision: 2.2 15-Jan-2015 13:05:58

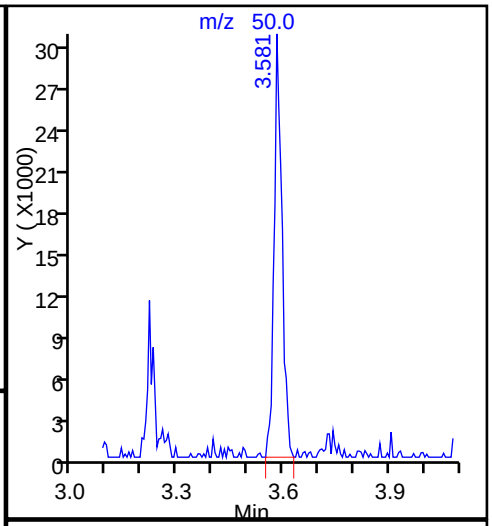
TestAmerica Burlington

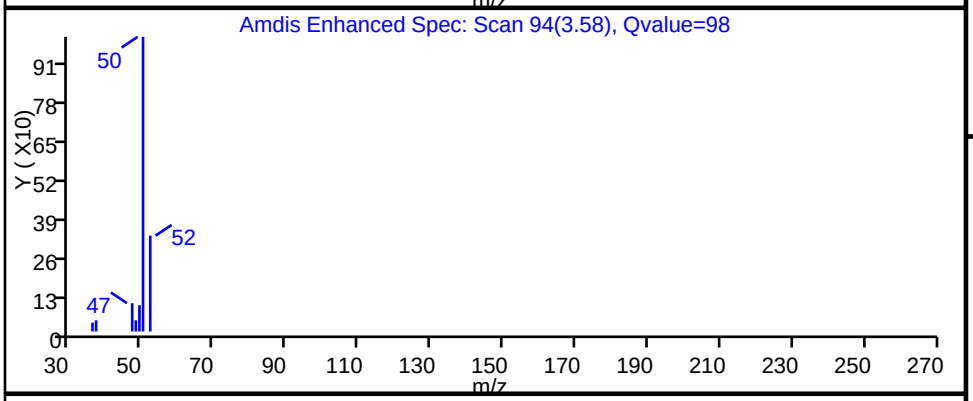
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D

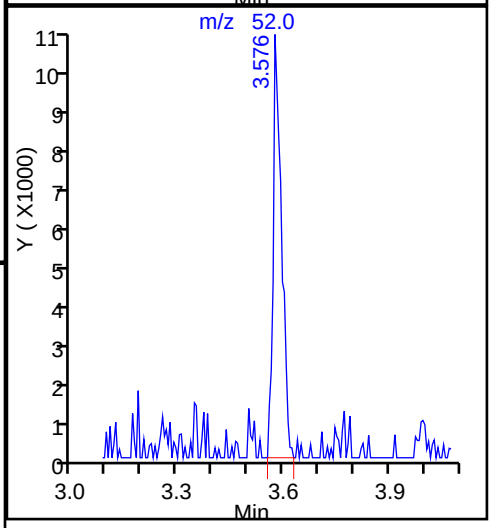
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

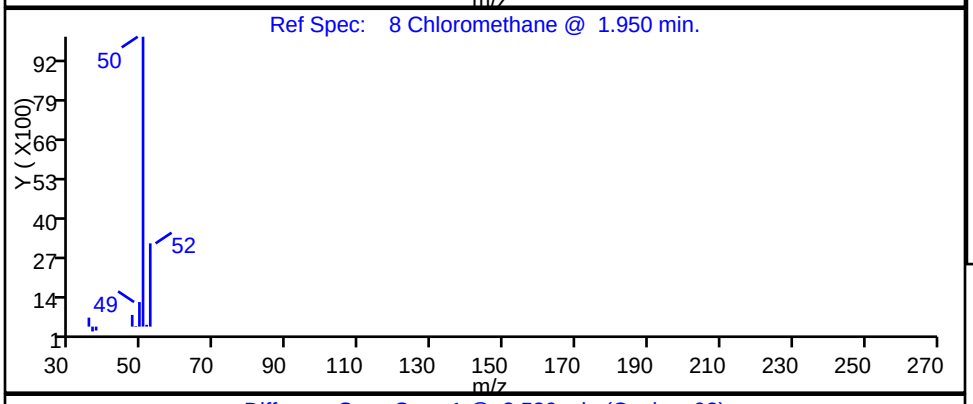
8 Chloromethane, CAS: 74-87-3

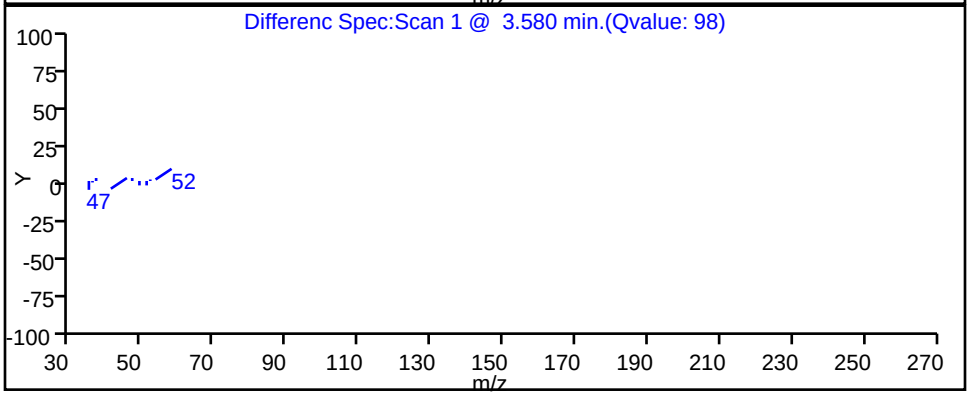












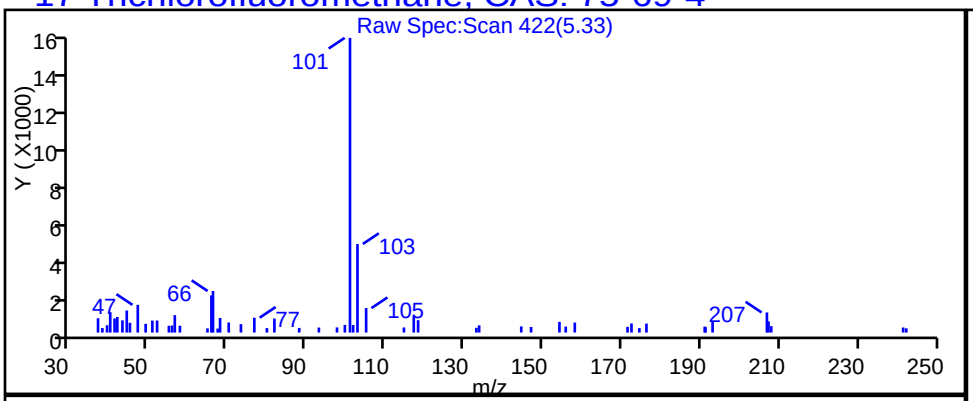
Report Date: 02-Feb-2015 08:44:37 Chrom Revision: 2.2 15-Jan-2015 13:05:58

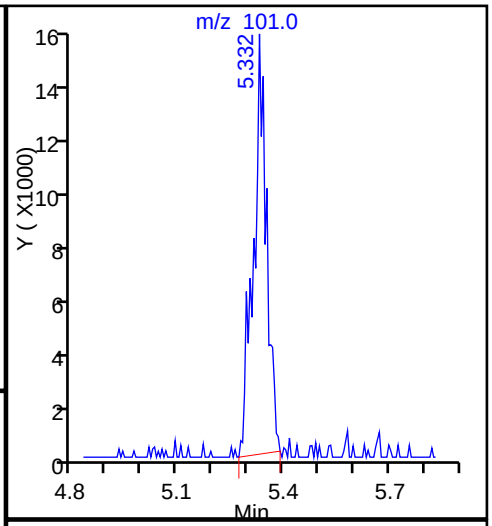
TestAmerica Burlington

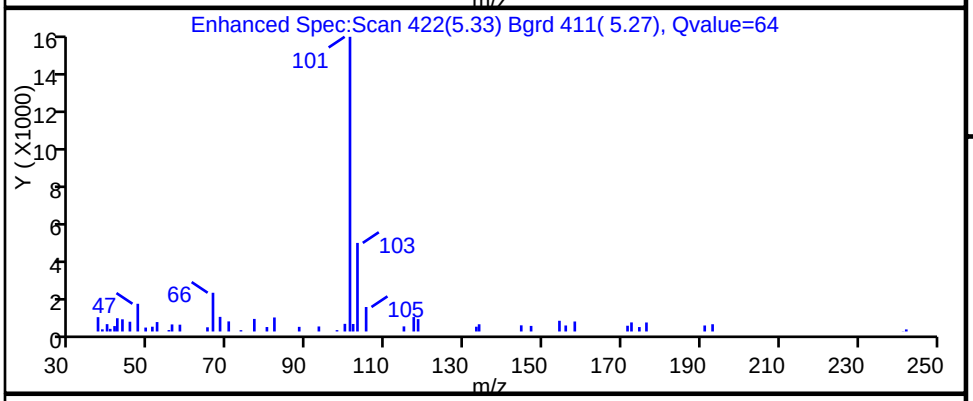
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D

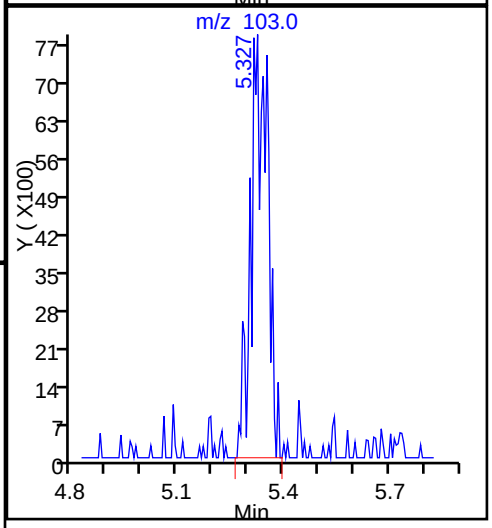
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

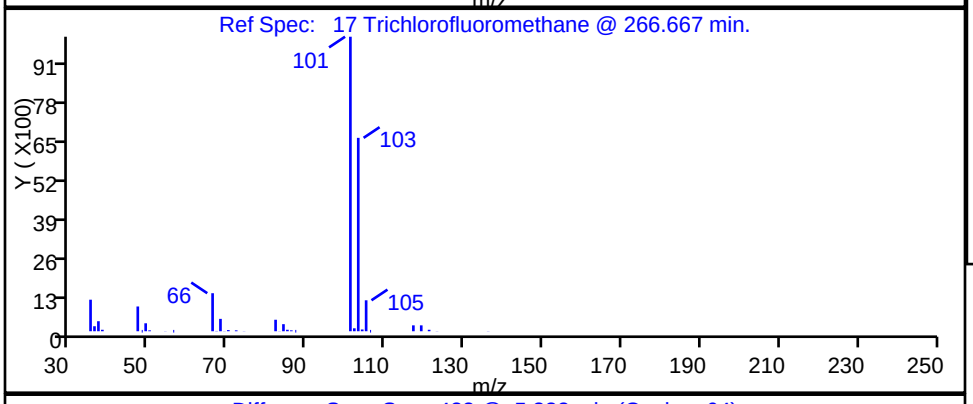
17 Trichlorofluoromethane, CAS: 75-69-4

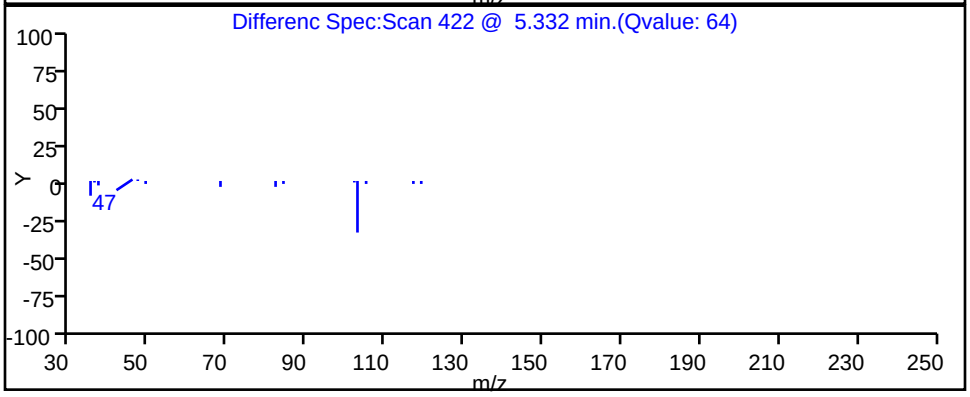










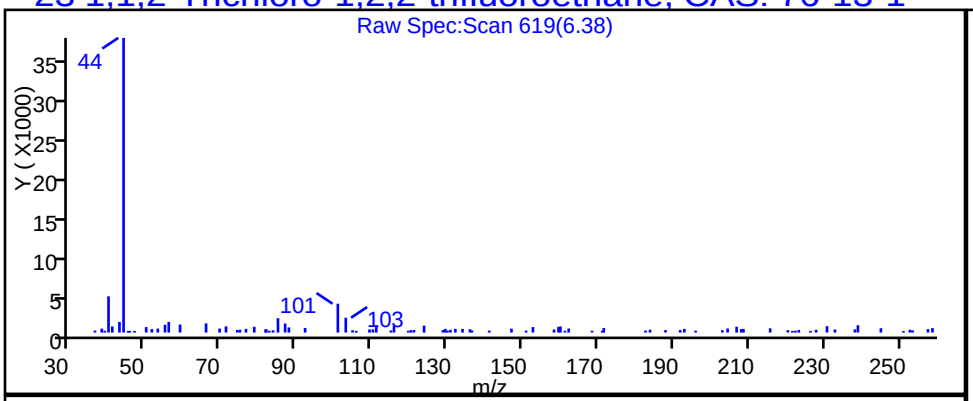


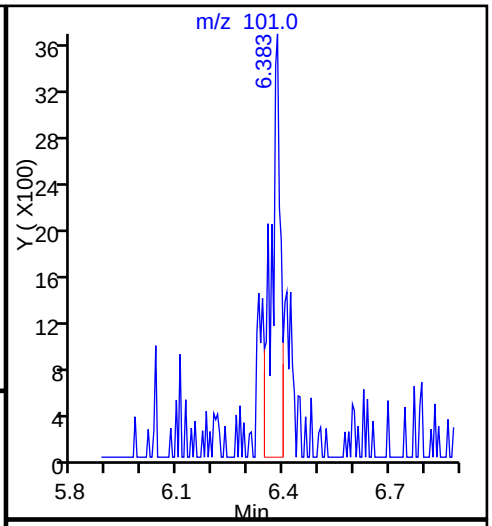
Report Date: 02-Feb-2015 08:44:37 Chrom Revision: 2.2 15-Jan-2015 13:05:58

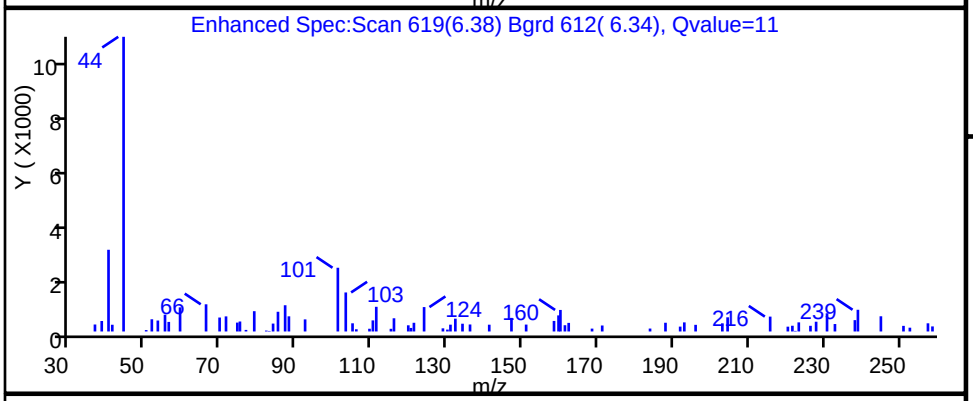
TestAmerica Burlington

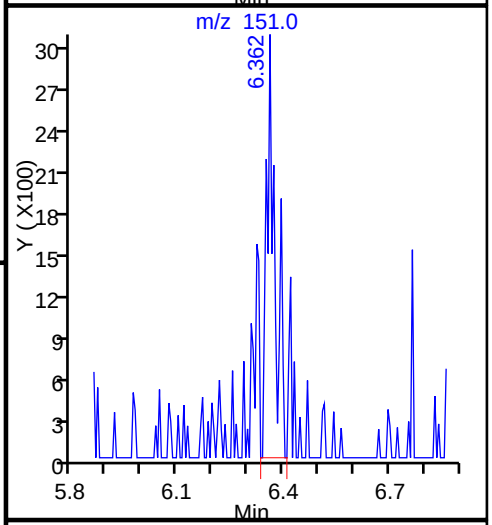
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

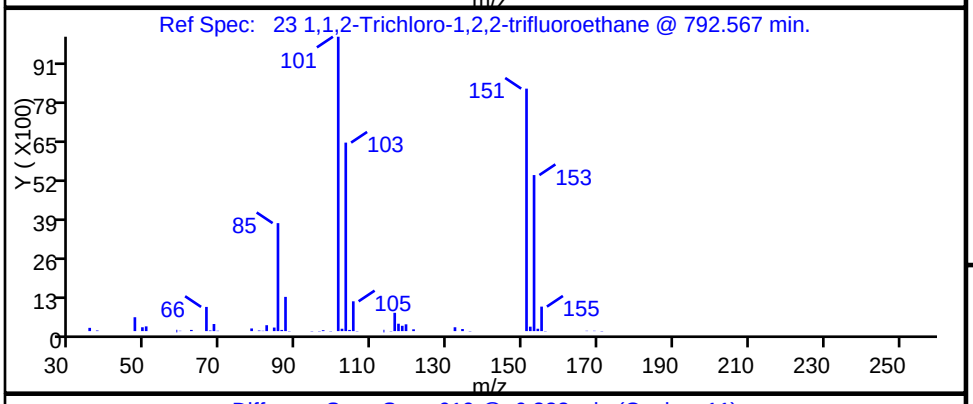
23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

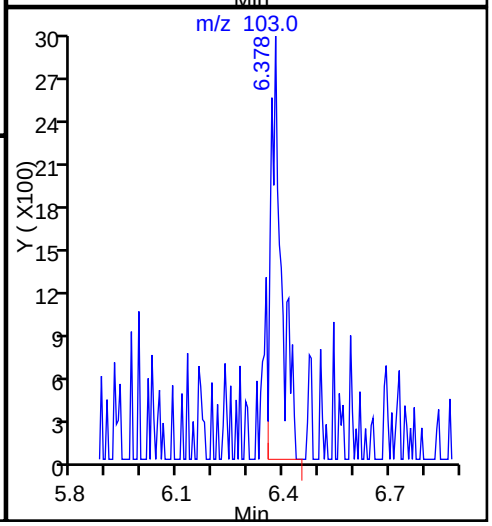


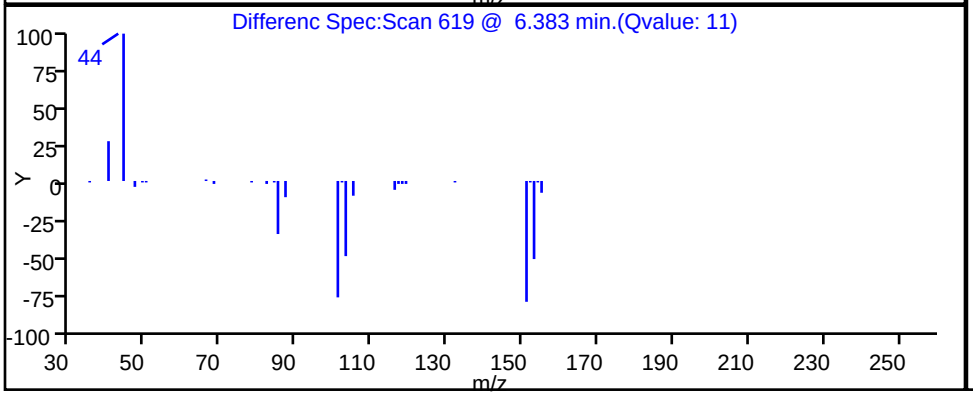








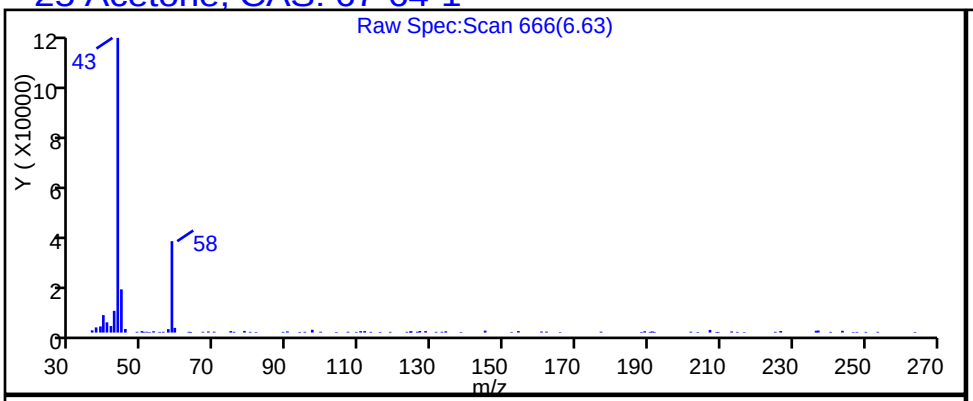


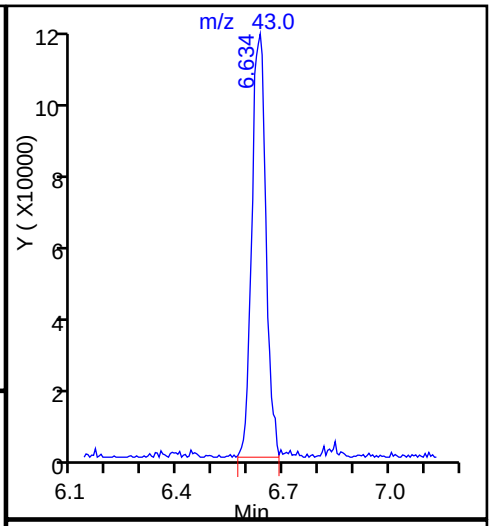


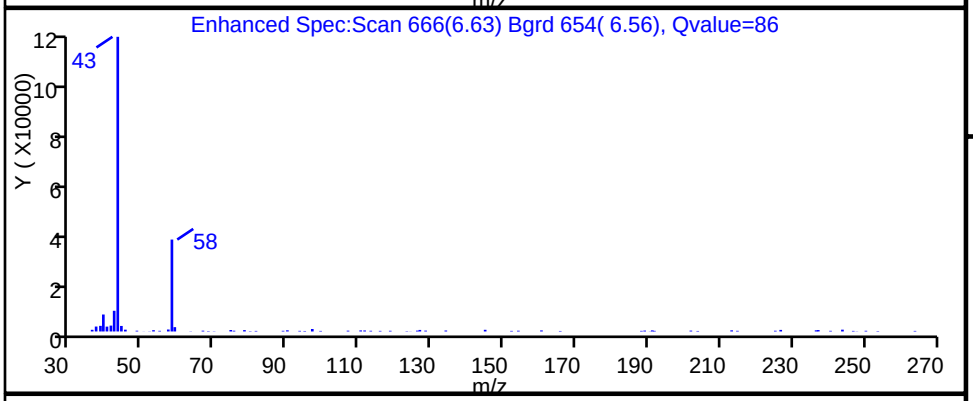
TestAmerica Burlington

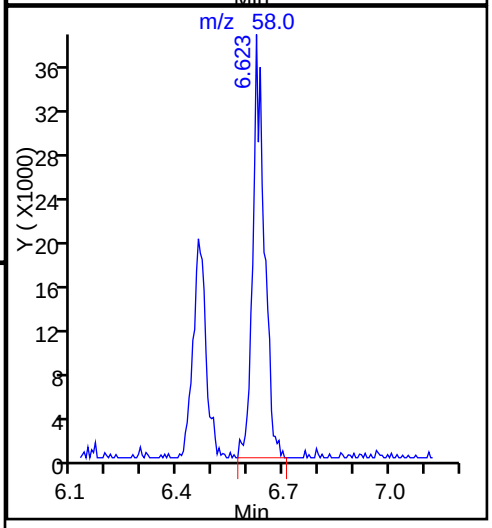
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

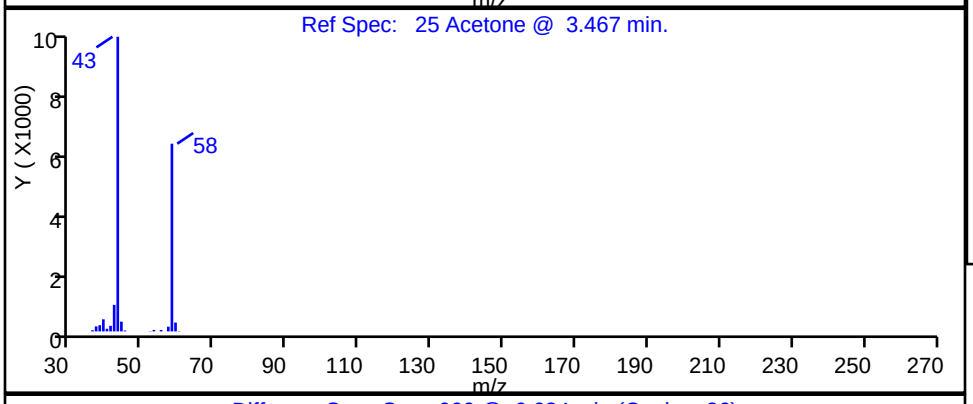
25 Acetone, CAS: 67-64-1

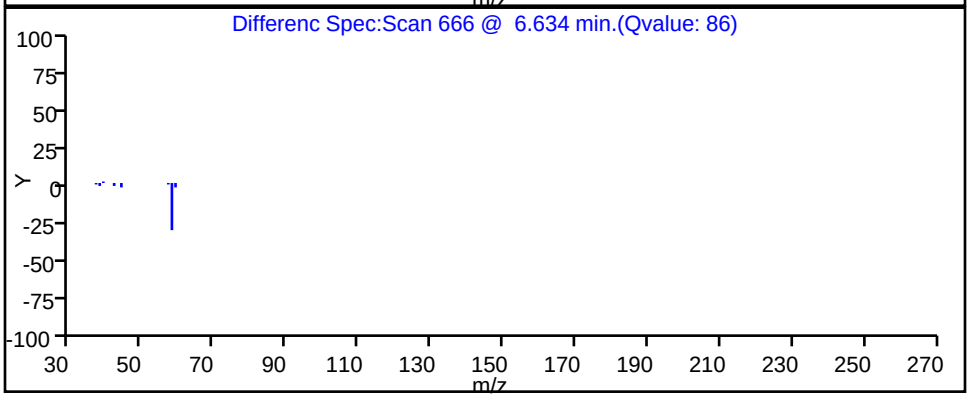








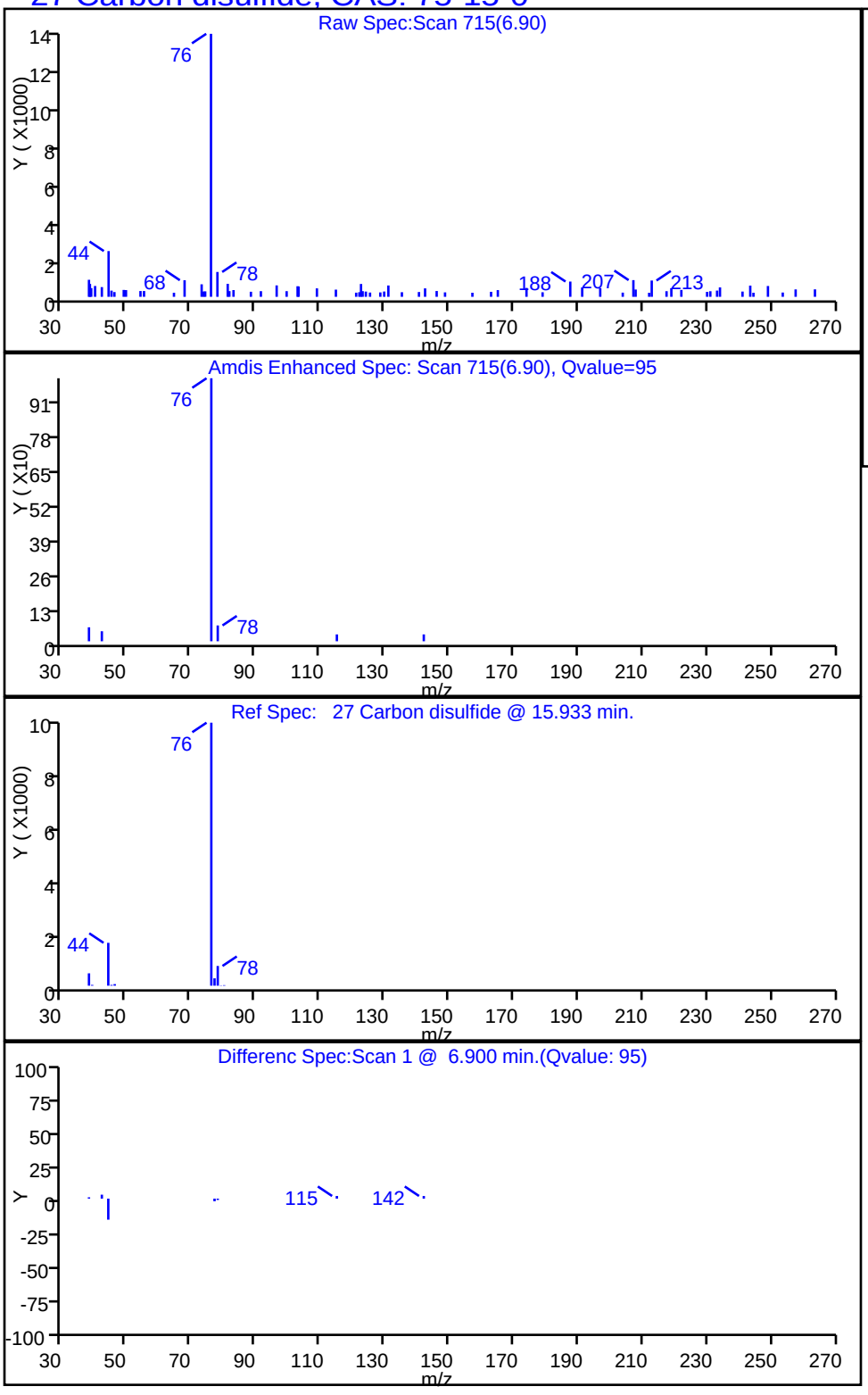


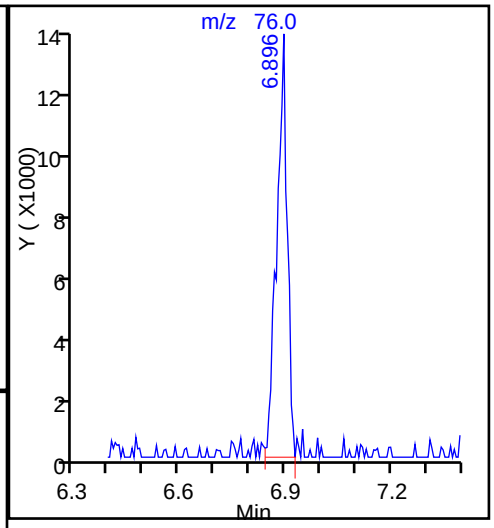


TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Carbon disulfide, CAS: 75-15-0



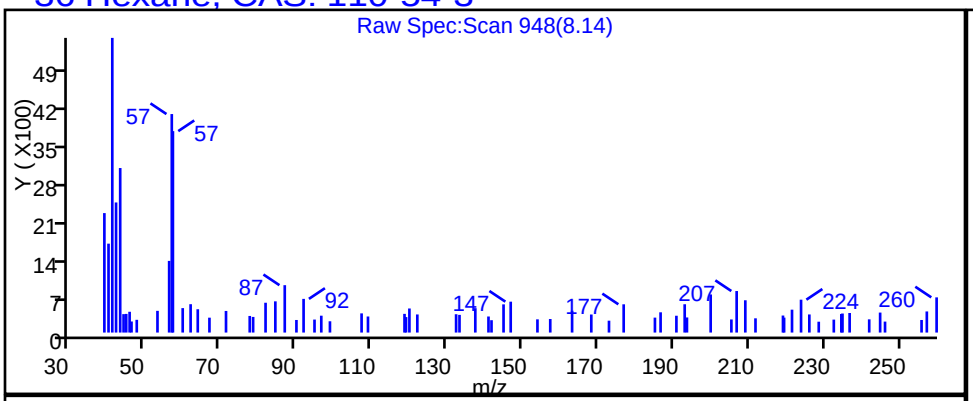


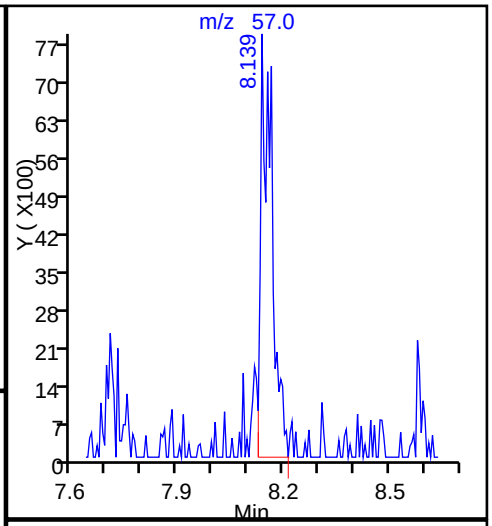
Report Date: 02-Feb-2015 08:44:37 Chrom Revision: 2.2 15-Jan-2015 13:05:58

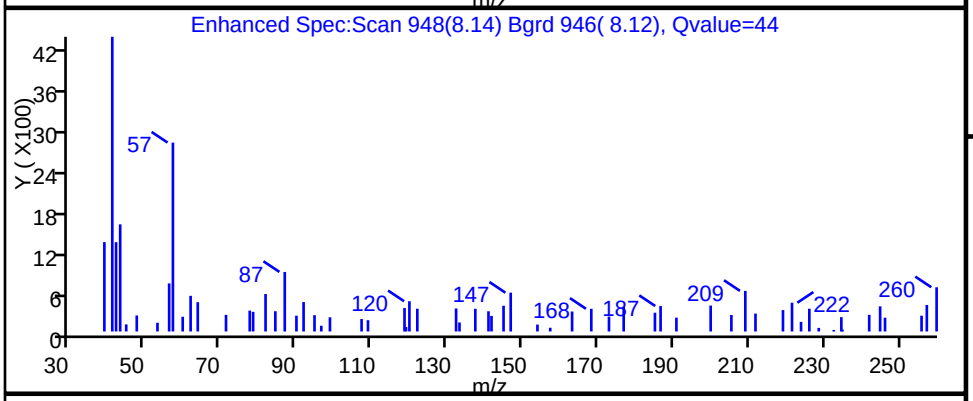
TestAmerica Burlington

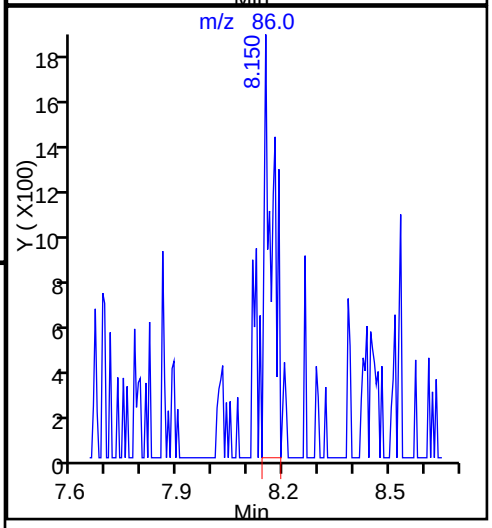
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

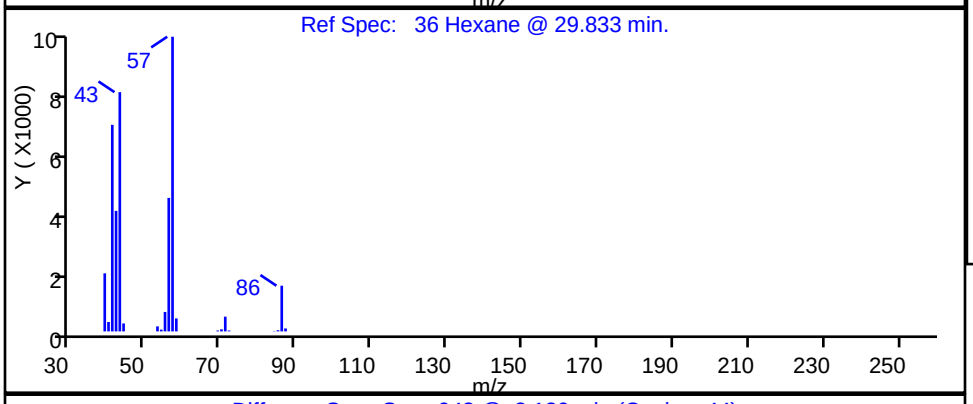
36 Hexane, CAS: 110-54-3

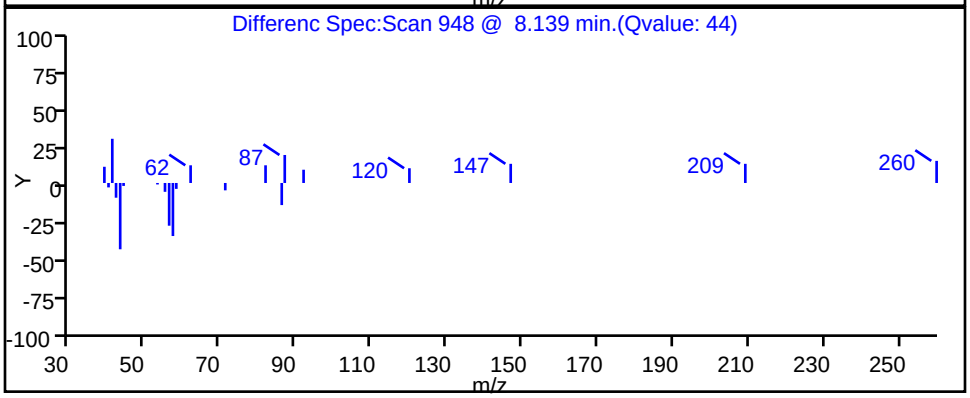








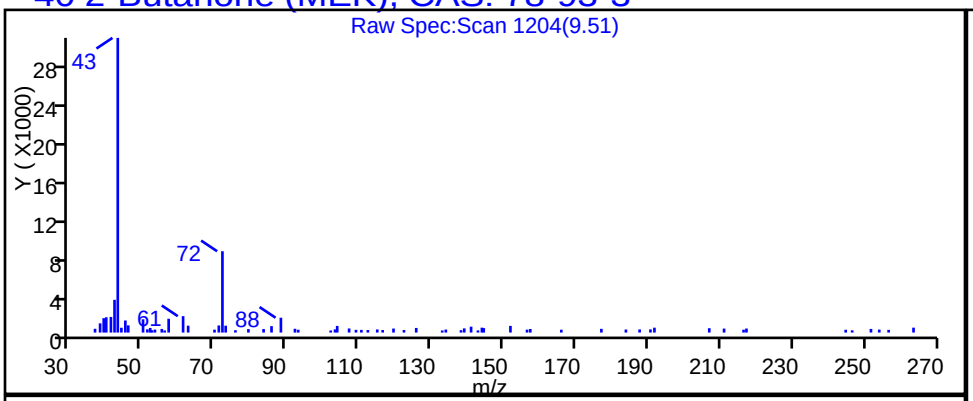


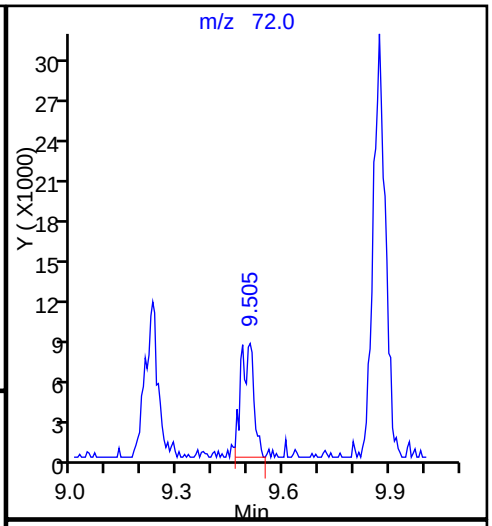


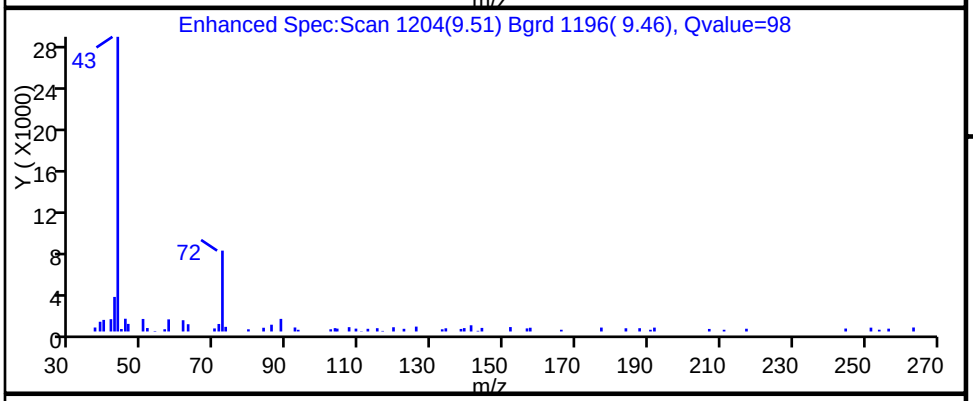
TestAmerica Burlington

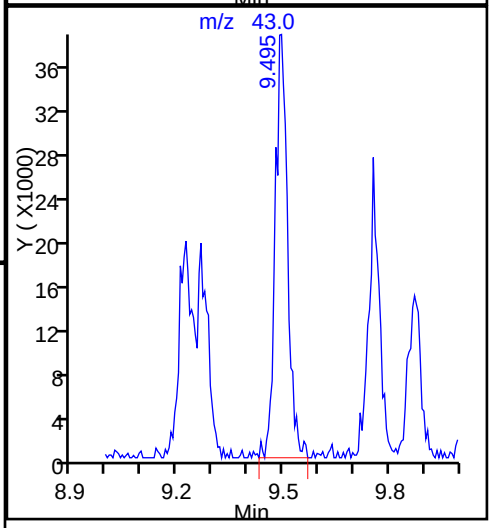
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

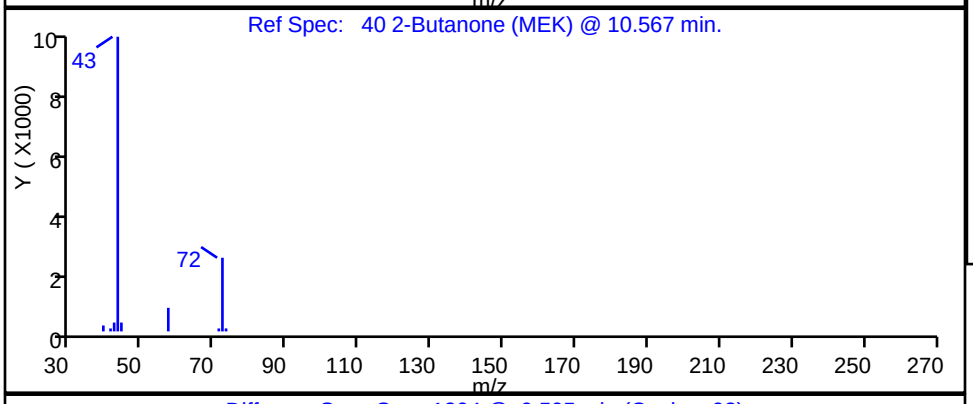
40 2-Butanone (MEK), CAS: 78-93-3

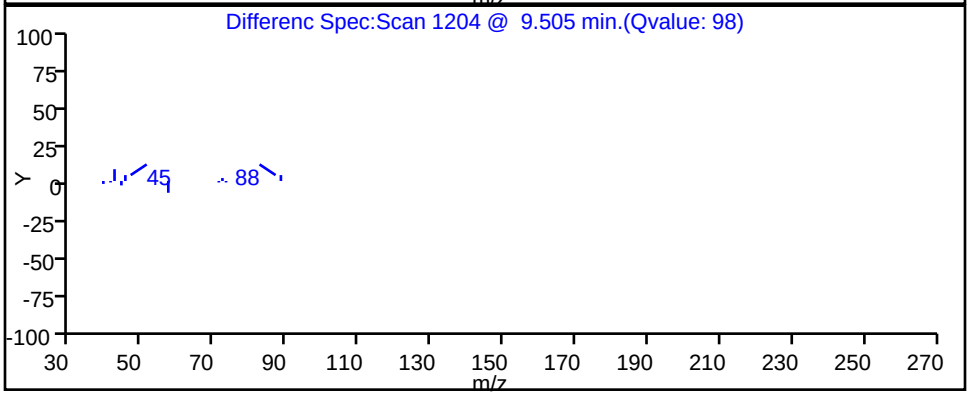








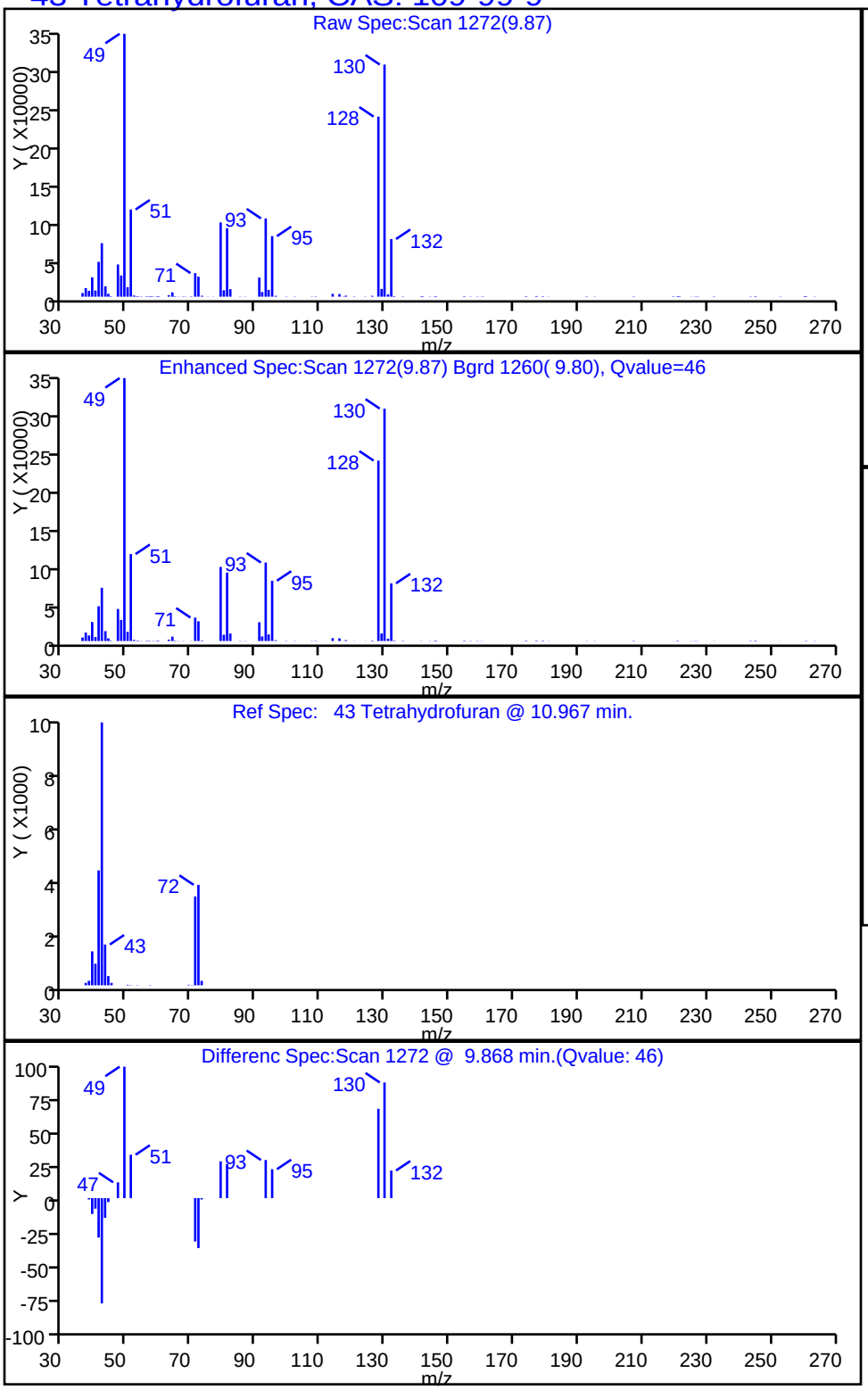


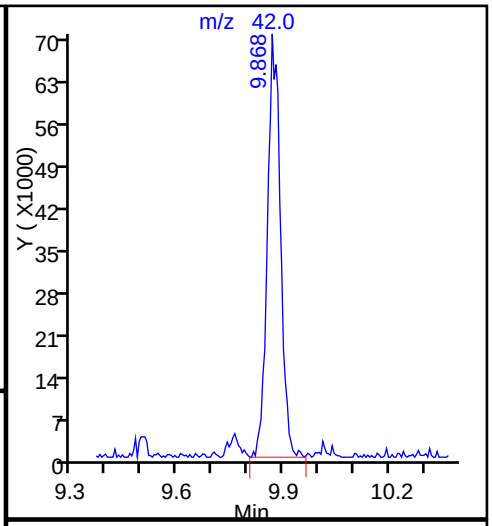


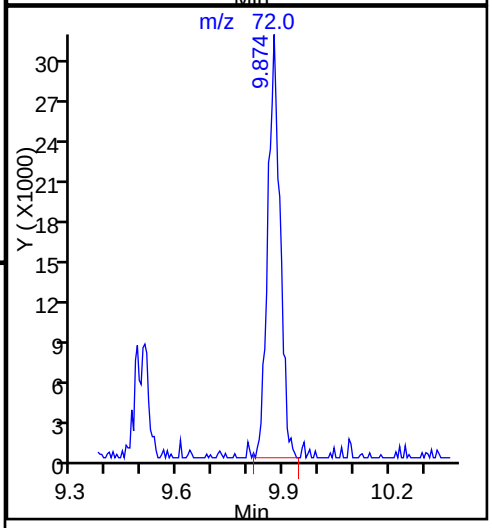
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Tetrahydrofuran, CAS: 109-99-9



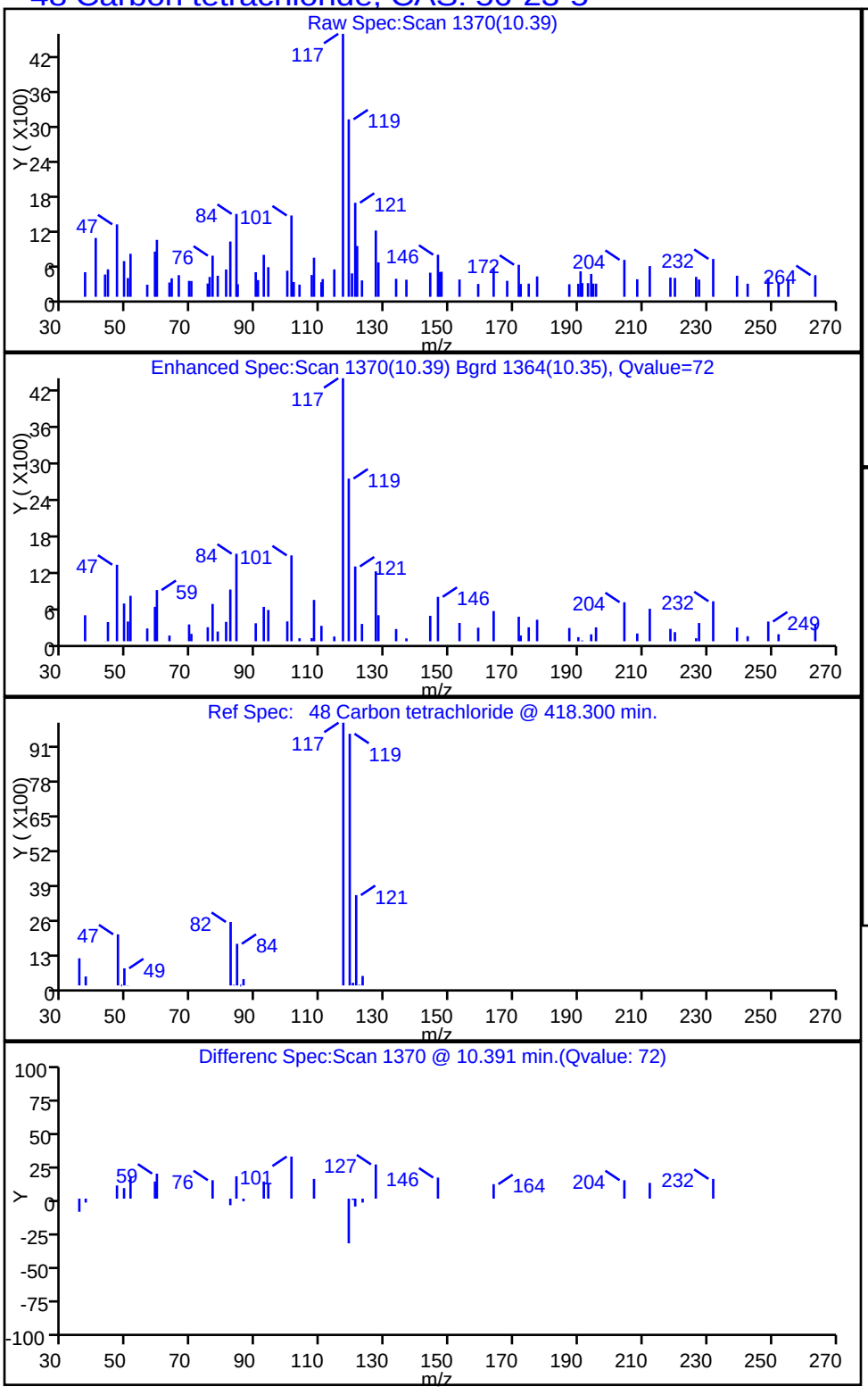


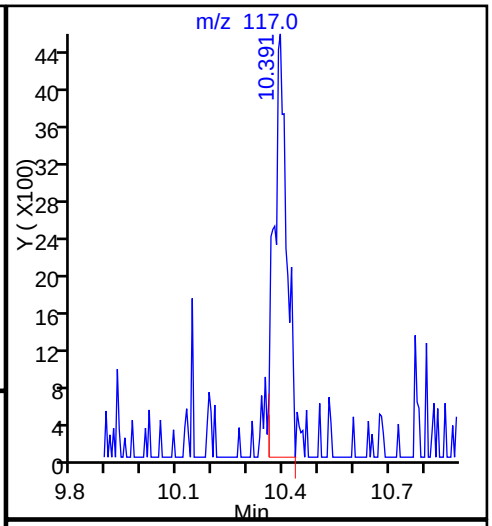


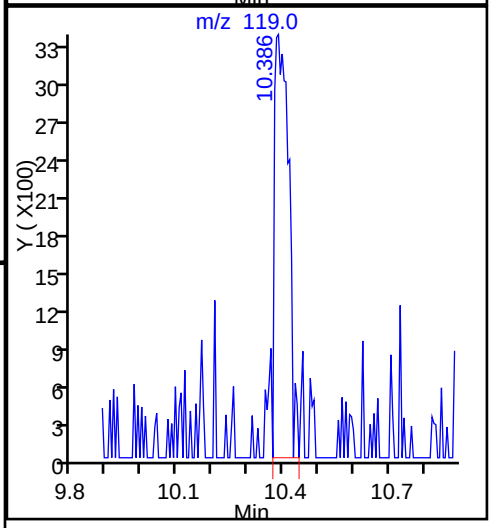
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 Carbon tetrachloride, CAS: 56-23-5



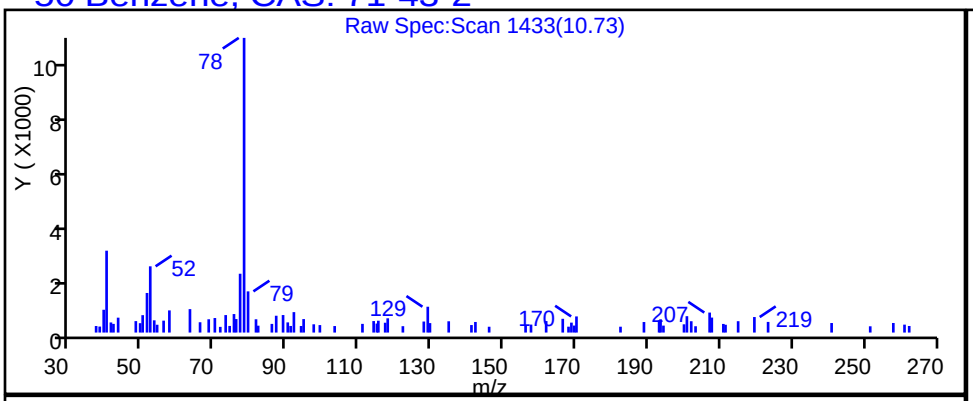


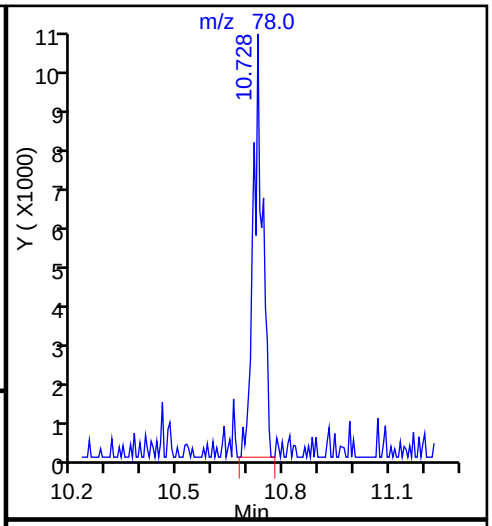


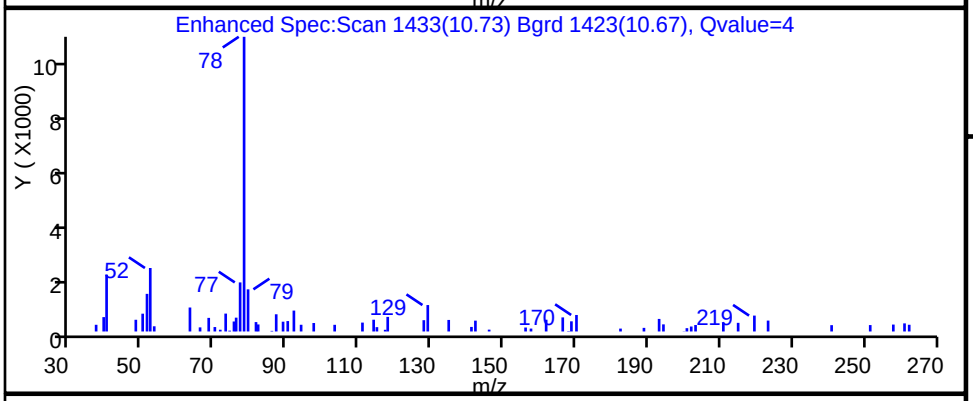
TestAmerica Burlington

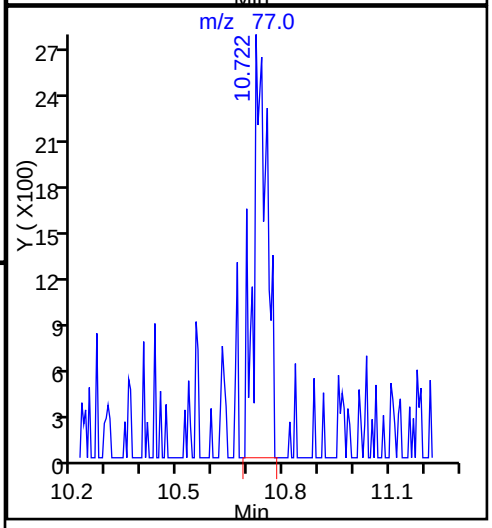
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

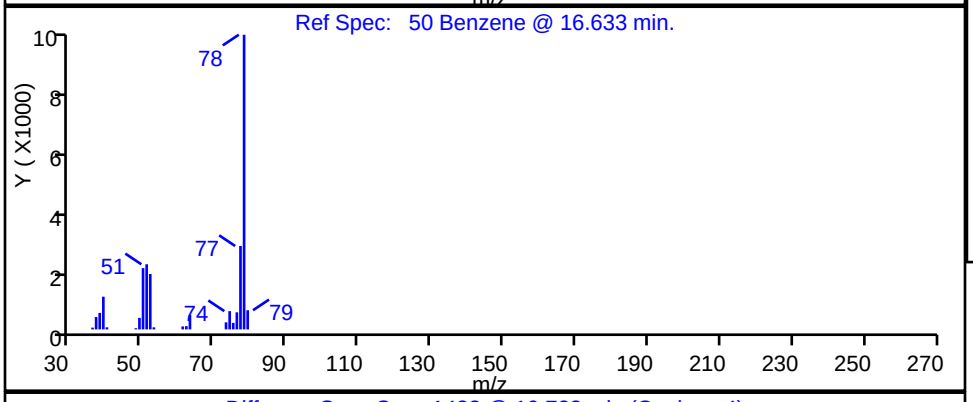
50 Benzene, CAS: 71-43-2

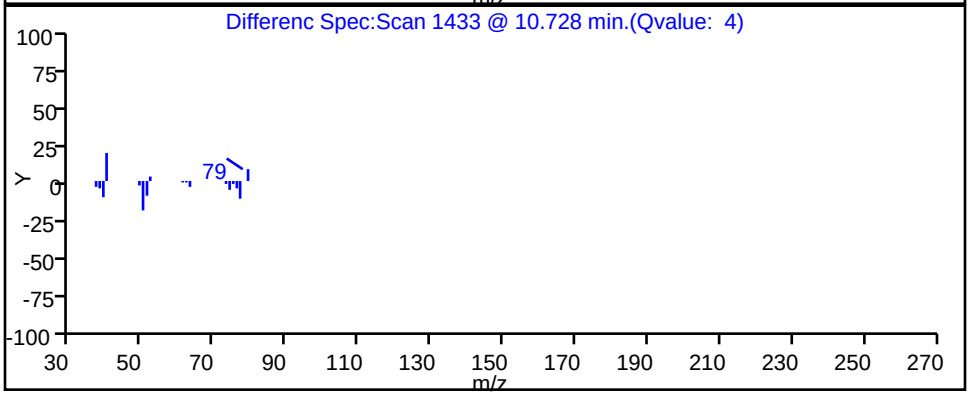










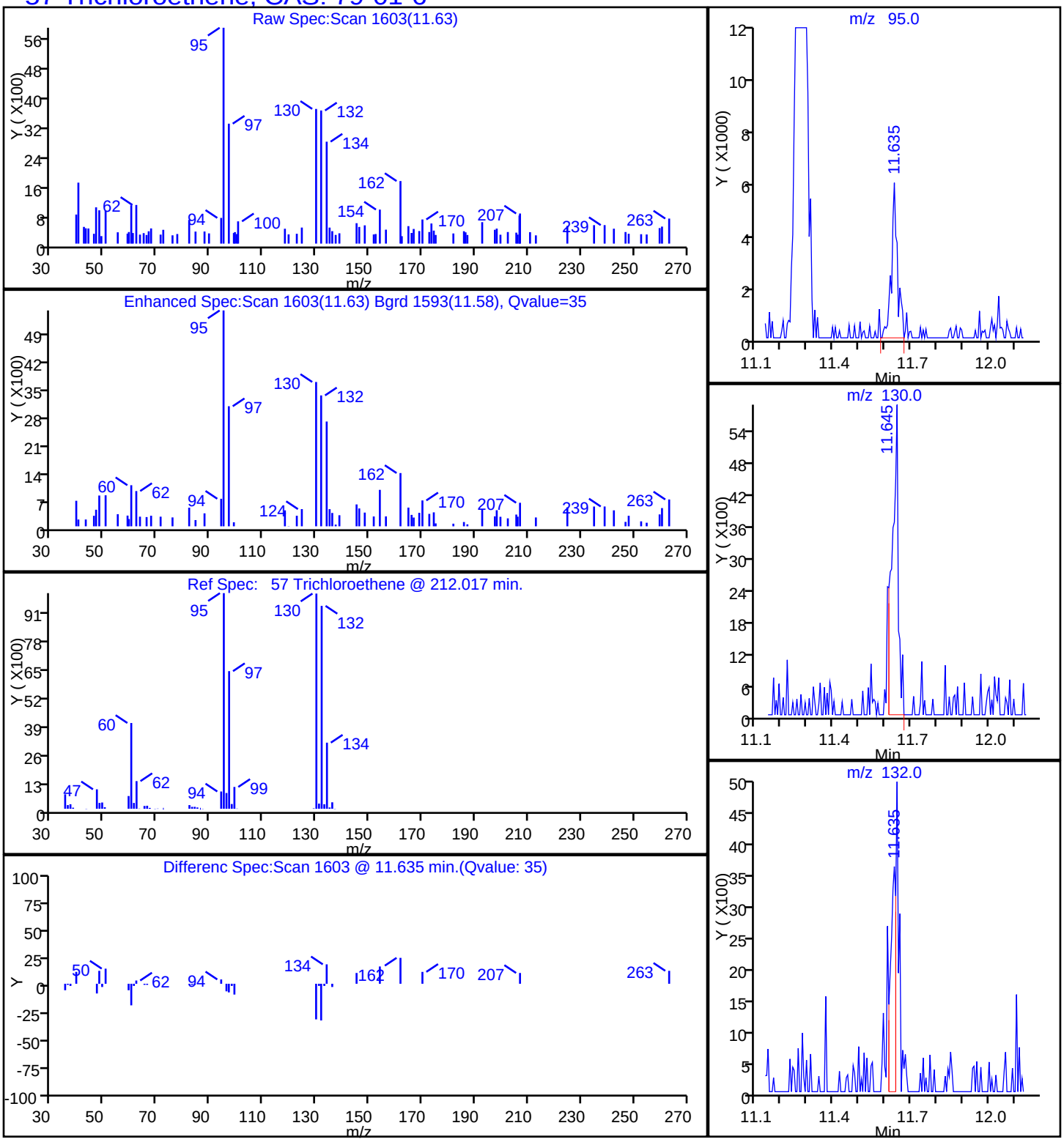


Report Date: 02-Feb-2015 08:44:38 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6



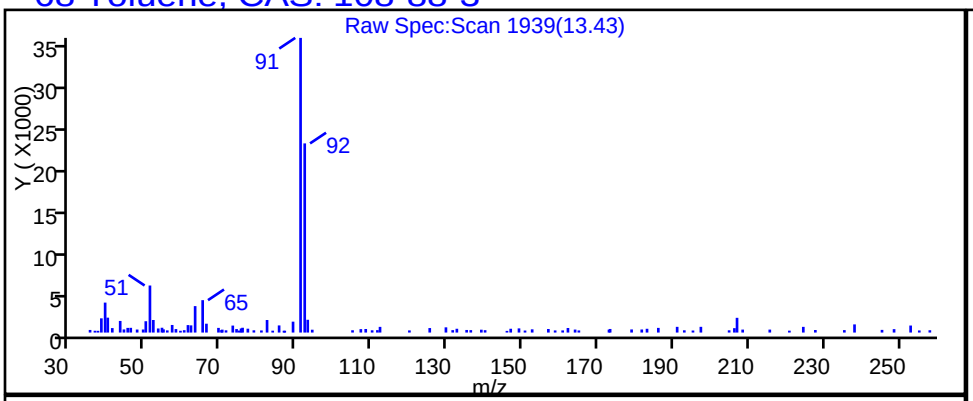
Report Date: 02-Feb-2015 08:44:38 Chrom Revision: 2.2 15-Jan-2015 13:05:58

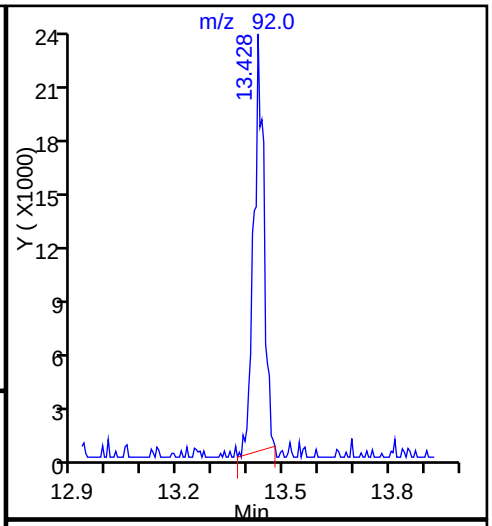
TestAmerica Burlington

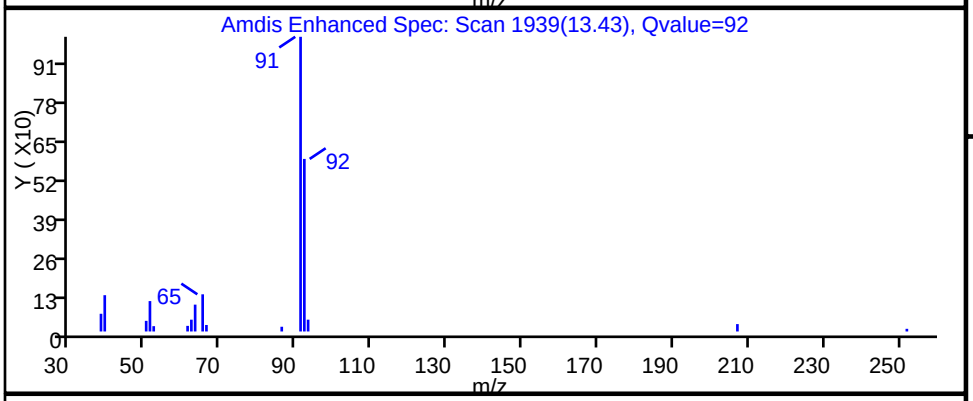
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D

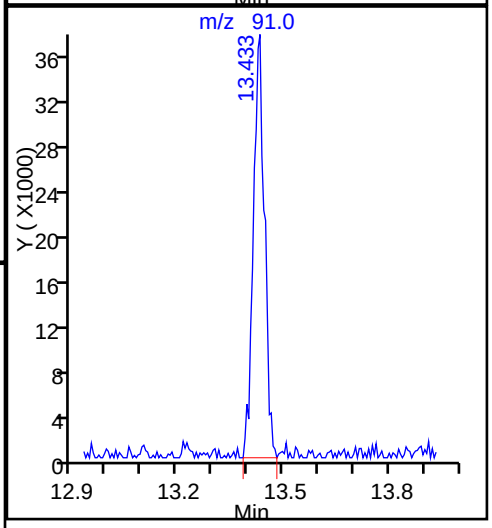
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

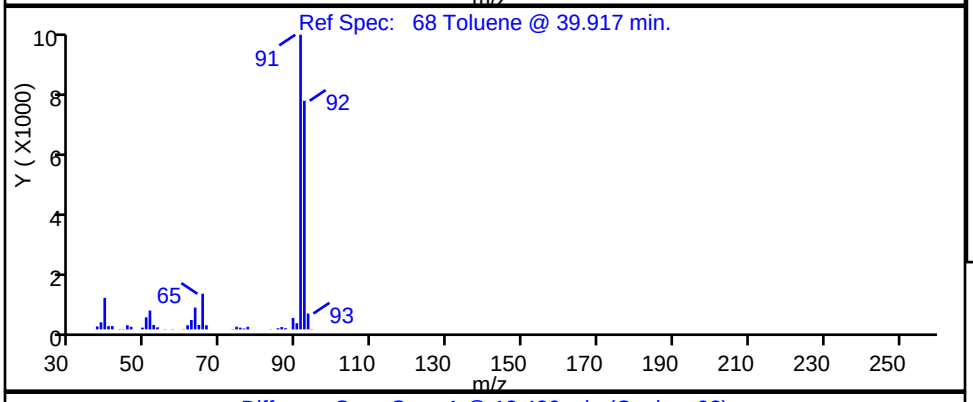
68 Toluene, CAS: 108-88-3

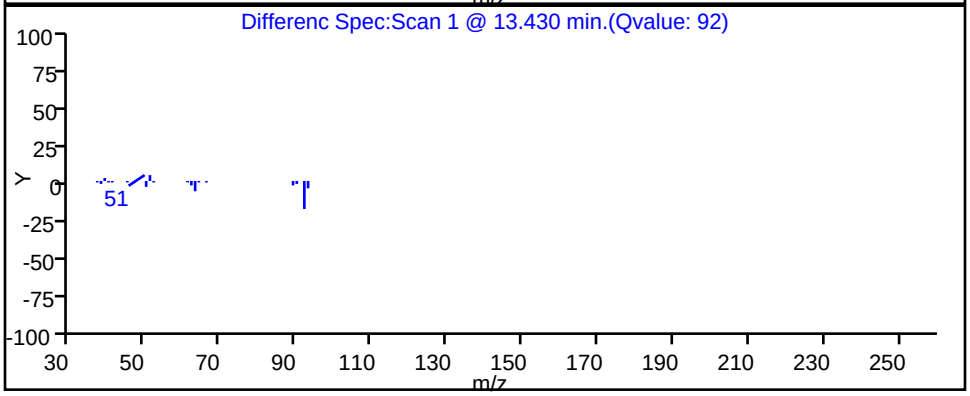






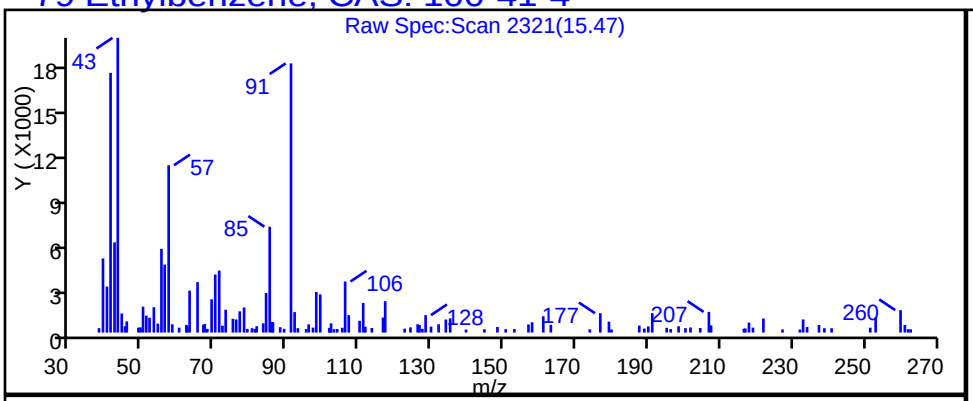


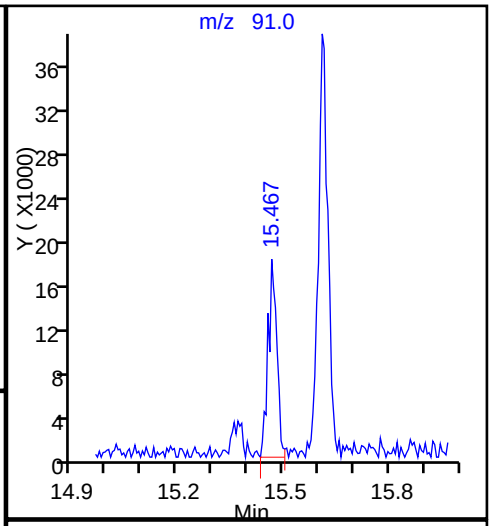


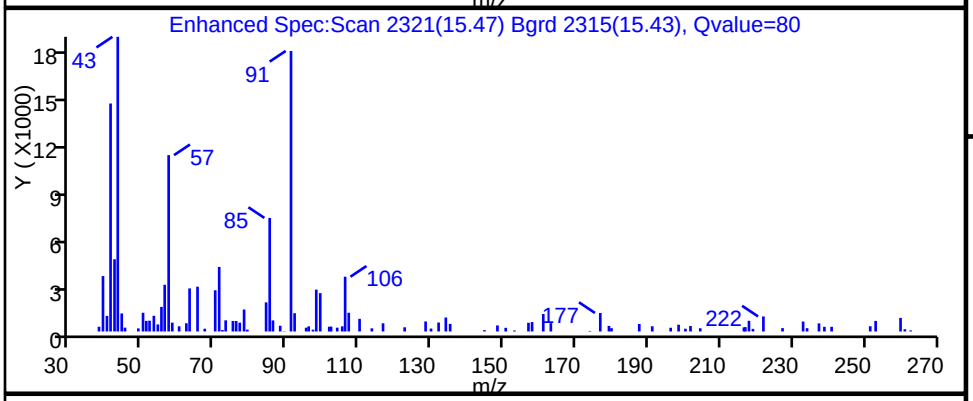


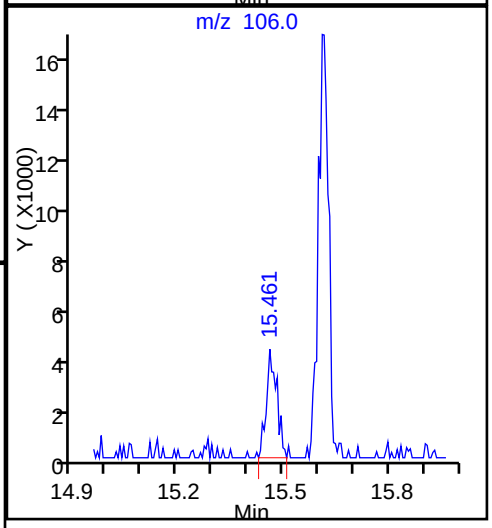
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D
Injection Date: 30-Jan-2015 03:57:30 Instrument ID: CHB.i
Lims ID: 280-64806-A-27 Lab Sample ID: 200-64806-27
Client ID: 785VMP0202NA
Operator ID: pad ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

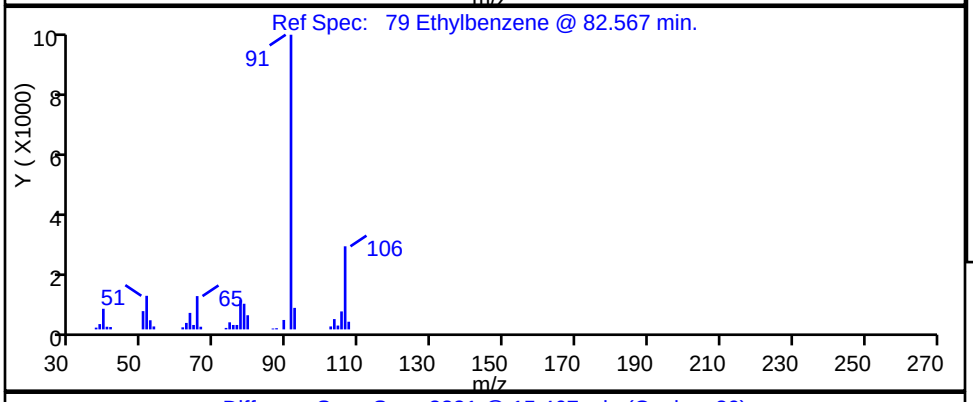
79 Ethylbenzene, CAS: 100-41-4

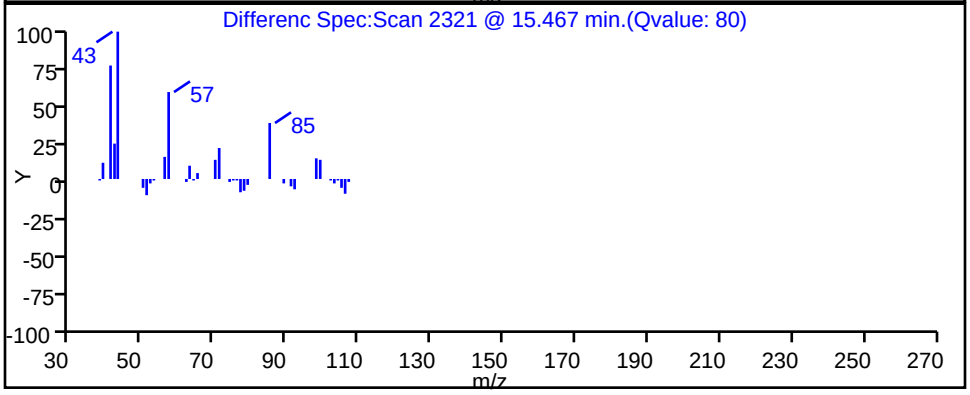












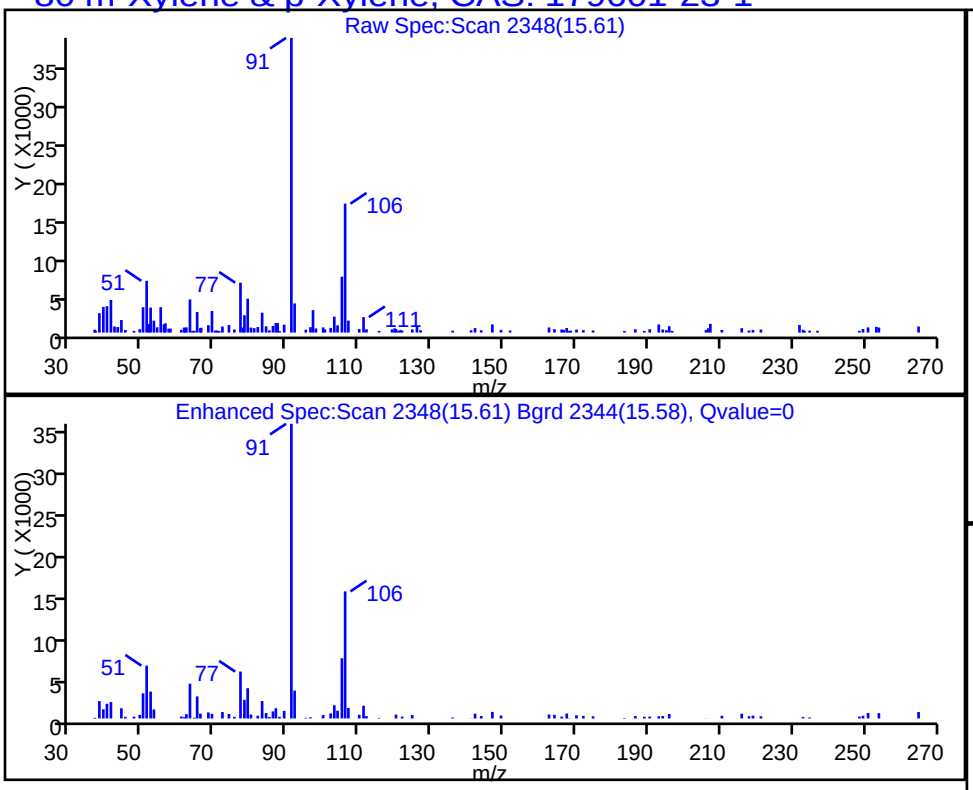
Report Date: 02-Feb-2015 08:44:38 Chrom Revision: 2.2 15-Jan-2015 13:05:58

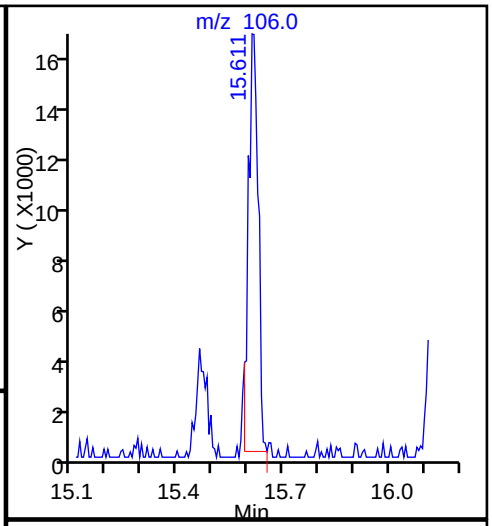
TestAmerica Burlington

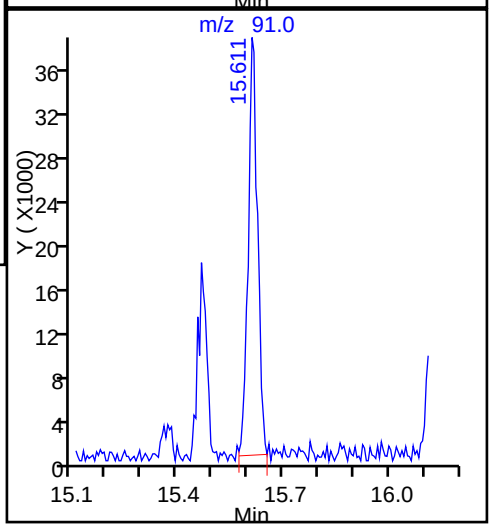
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D

Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 m-Xylene & p-Xylene, CAS: 179601-23-1







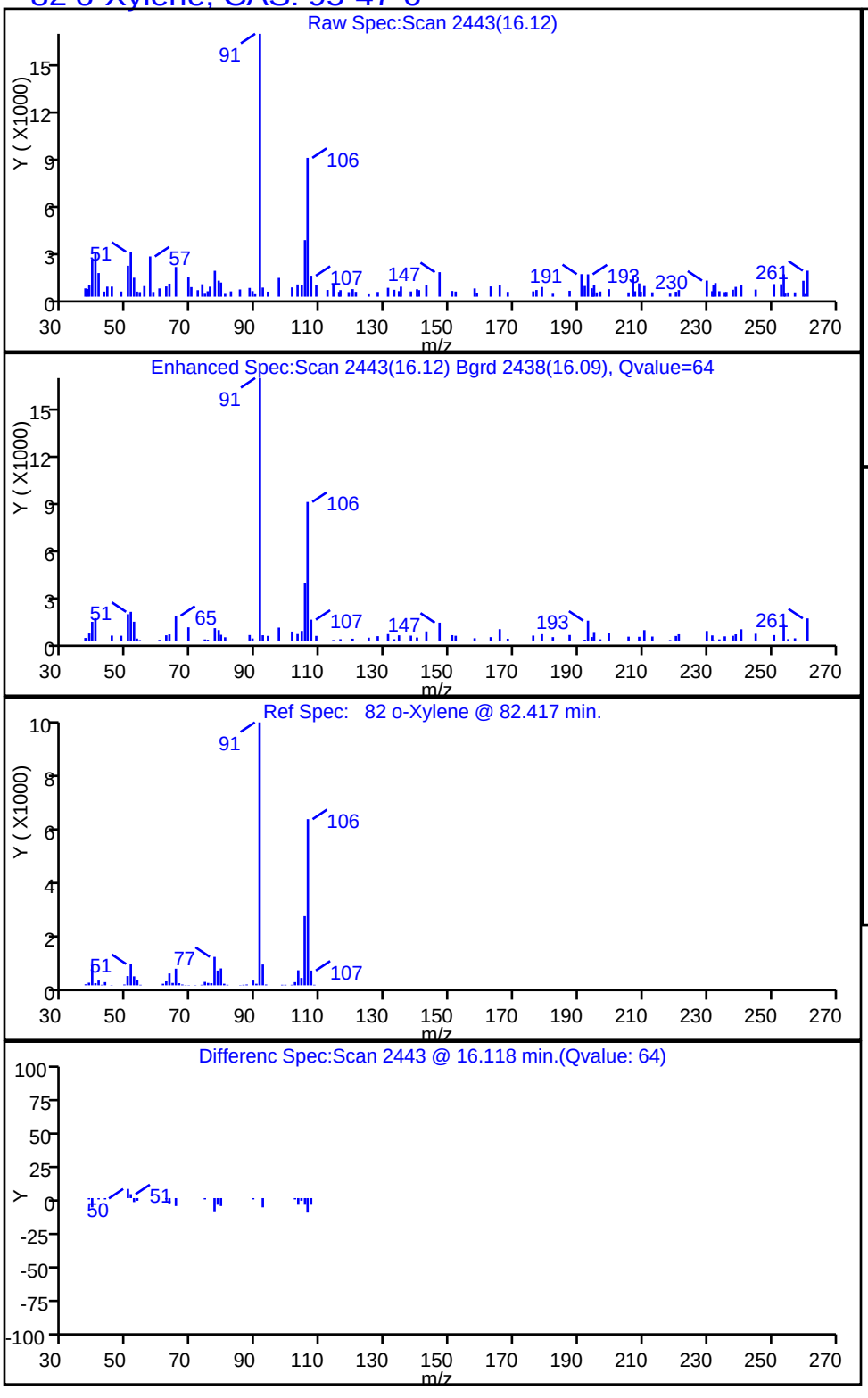
Report Date: 02-Feb-2015 08:44:38 Chrom Revision: 2.2 15-Jan-2015 13:05:58

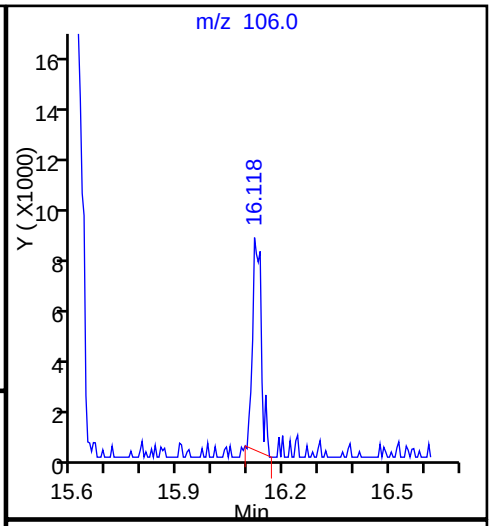
TestAmerica Burlington

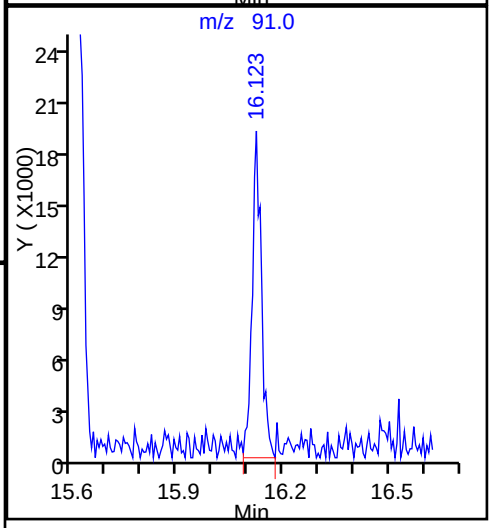
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D

Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 o-Xylene, CAS: 95-47-6





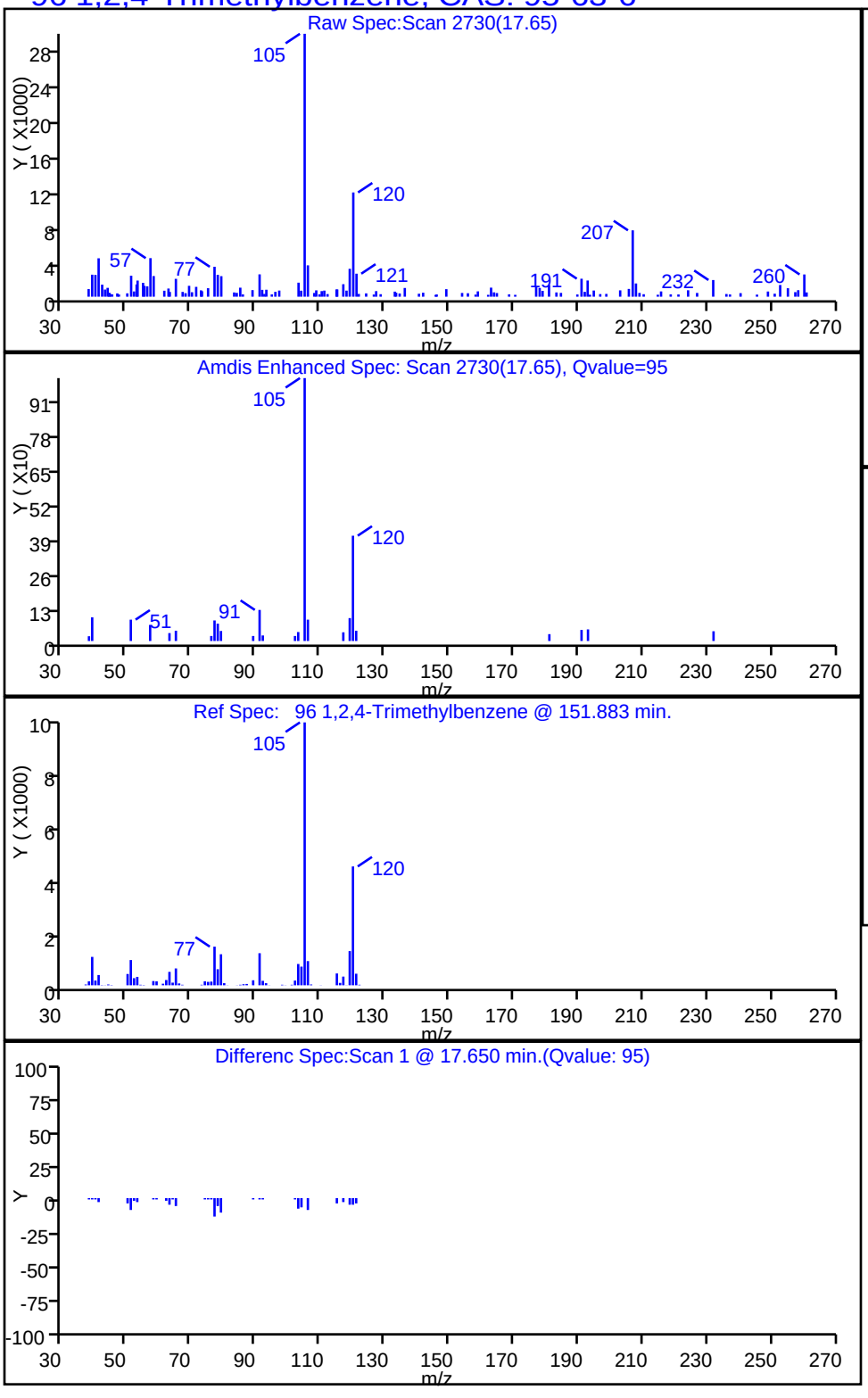


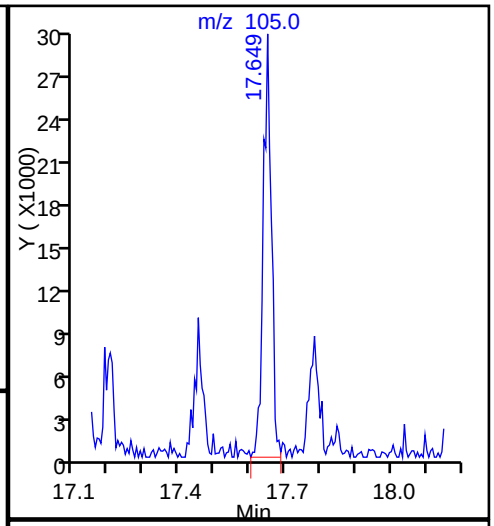
Report Date: 02-Feb-2015 08:44:38 Chrom Revision: 2.2 15-Jan-2015 13:05:58

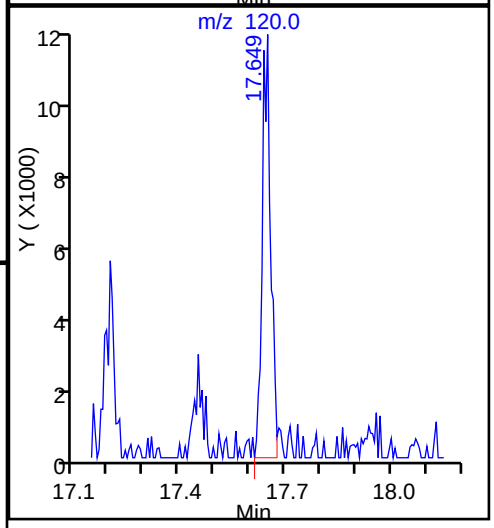
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,2,4-Trimethylbenzene, CAS: 95-63-6







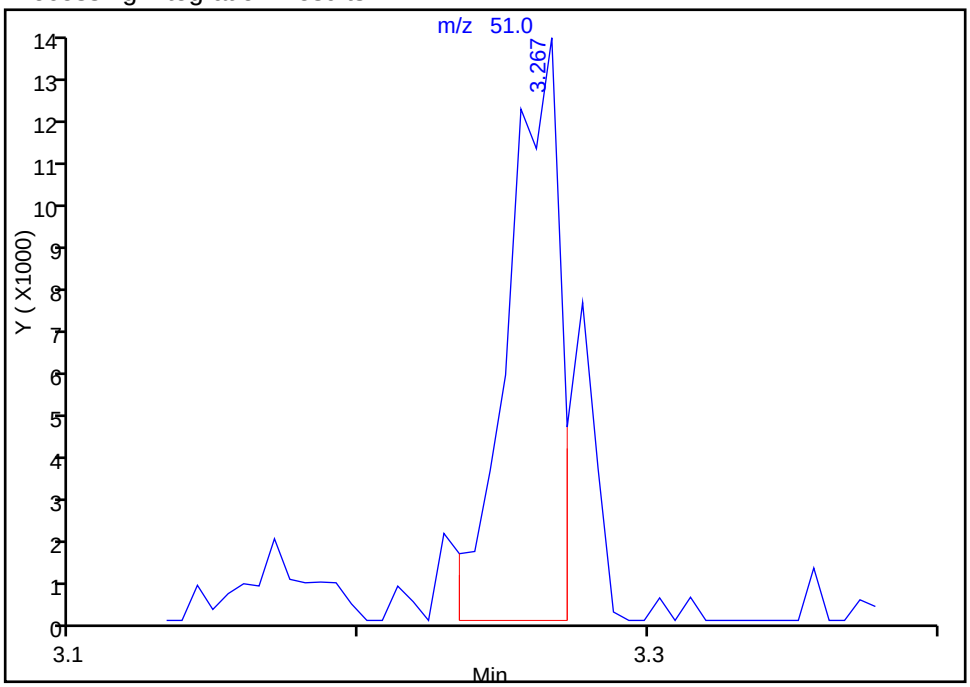
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Chlorodifluoromethane, CAS: 75-45-6

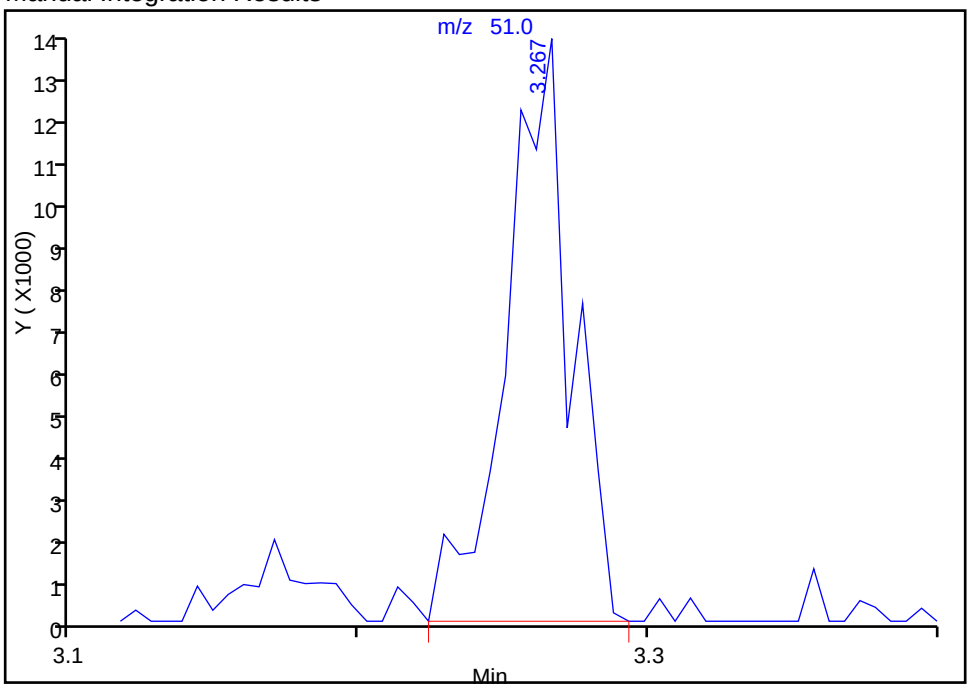
Processing Integration Results

RT: 3.27
Area: 17374
Amount: 0.170410
Amount Units: ppb v/v



Manual Integration Results

RT: 3.27
Area: 21670
Amount: 0.212546
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:02:41
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

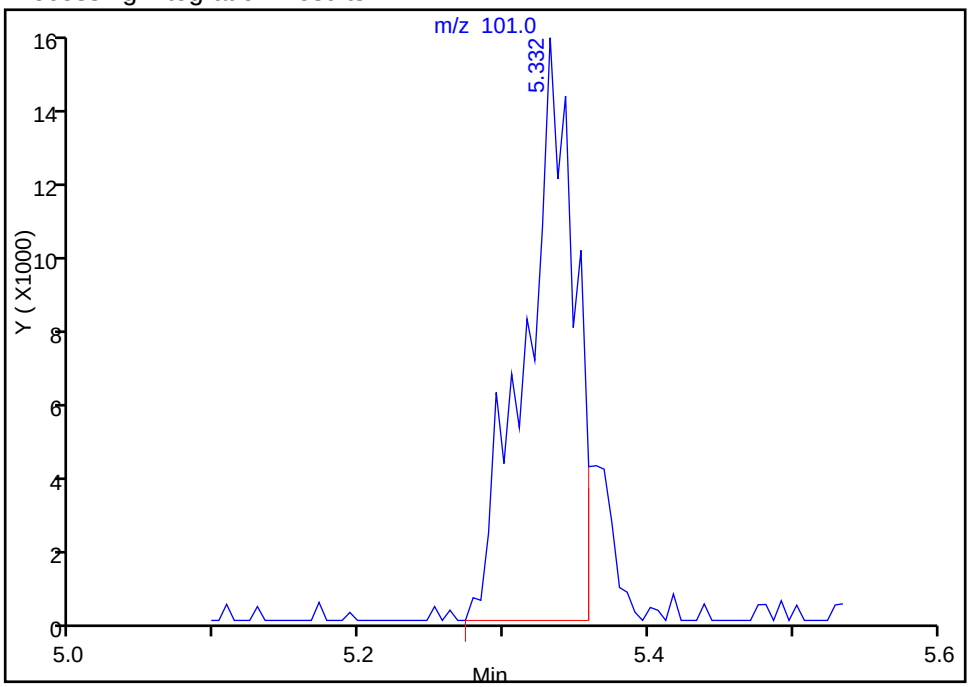
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

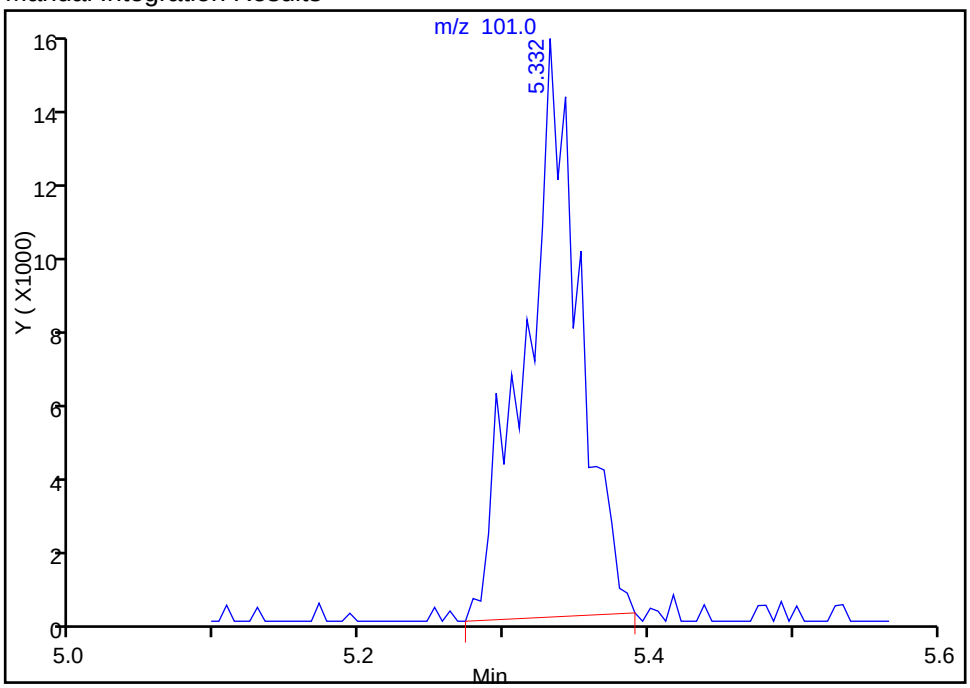
Processing Integration Results

RT: 5.33
Area: 35932
Amount: 0.202221
Amount Units: ppb v/v



Manual Integration Results

RT: 5.33
Area: 39107
Amount: 0.220090
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:02:41
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

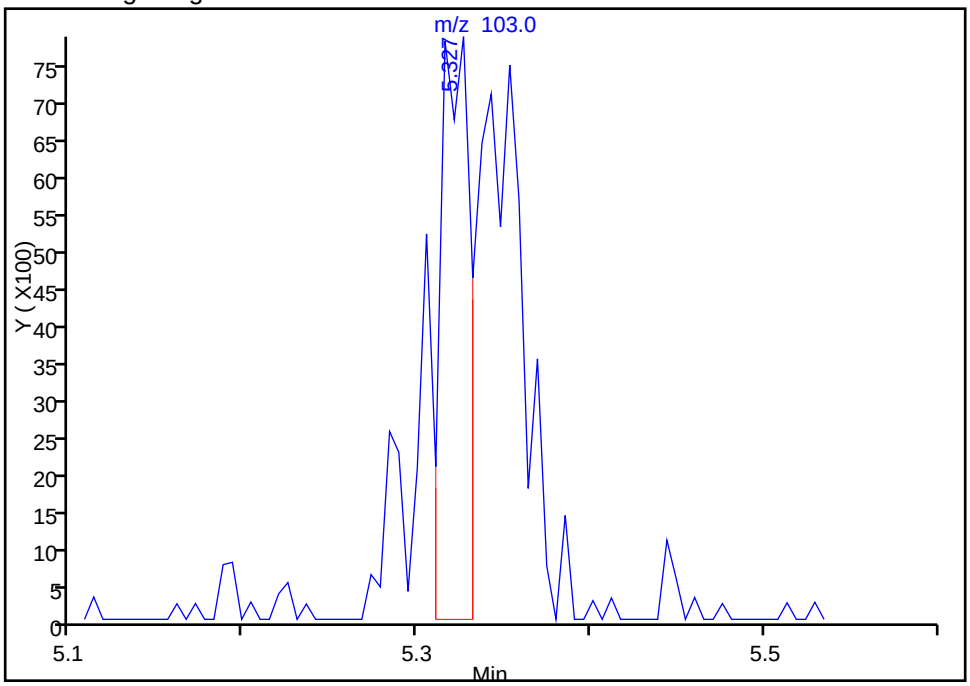
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

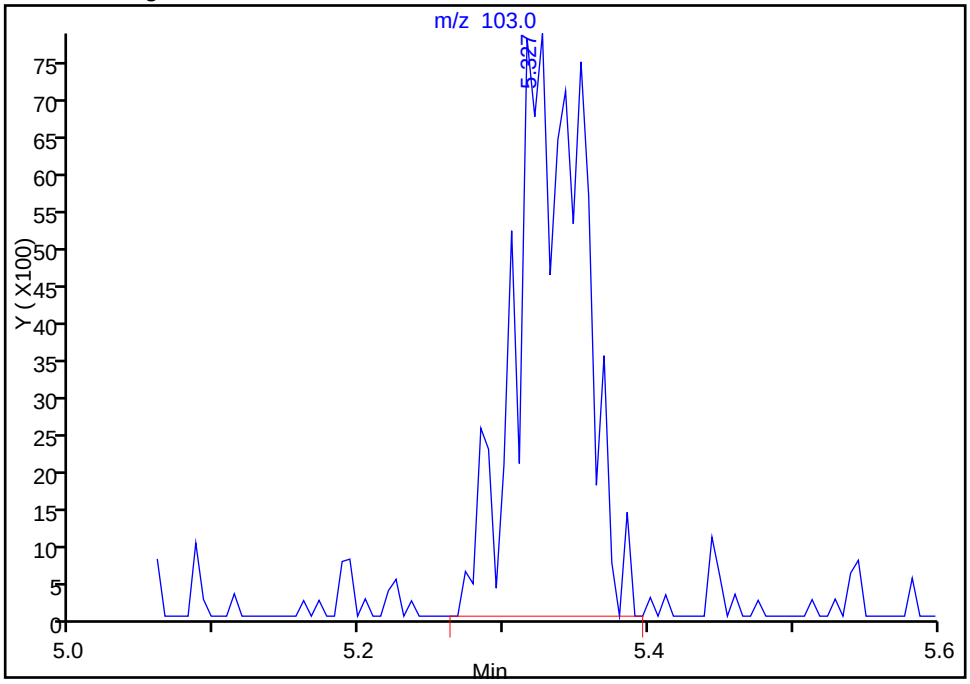
Processing Integration Results

RT: 5.33
Area: 9298
Amount: 0.202221
Amount Units: ppb v/v



Manual Integration Results

RT: 5.33
Area: 26192
Amount: 0.220090
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:02:41
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

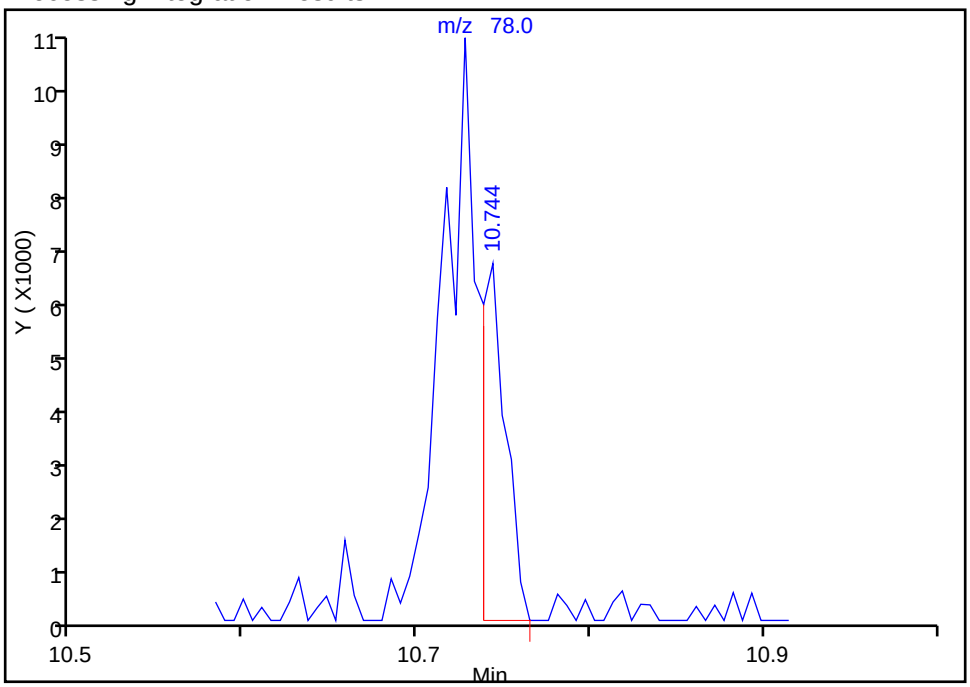
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Benzene, CAS: 71-43-2

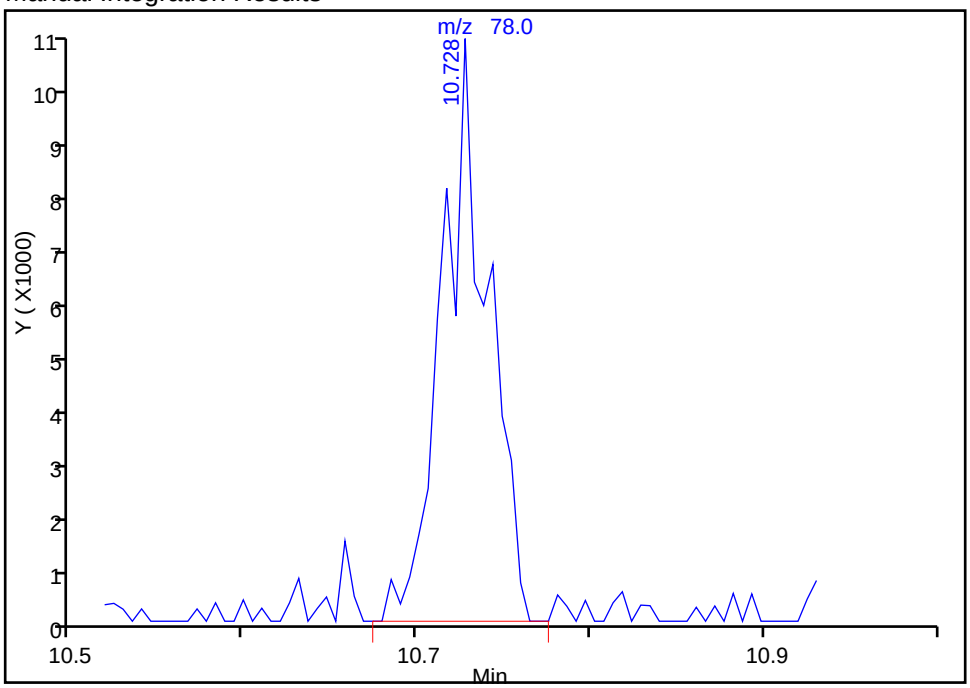
Processing Integration Results

RT: 10.74
Area: 6329
Amount: 0.037159
Amount Units: ppb v/v



Manual Integration Results

RT: 10.73
Area: 19760
Amount: 0.116015
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:02:41
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

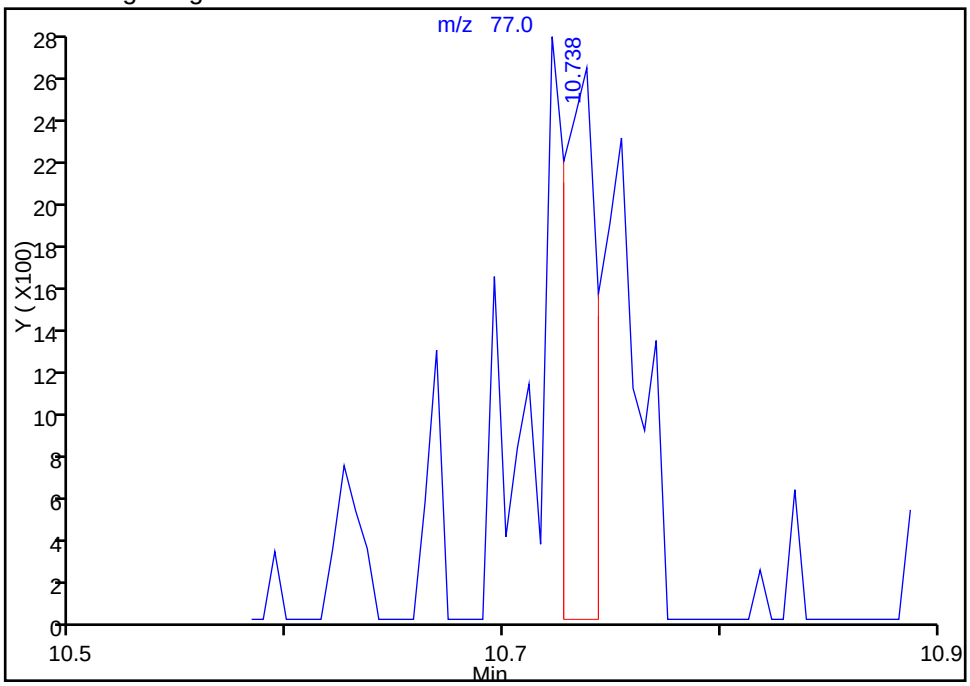
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Benzene, CAS: 71-43-2

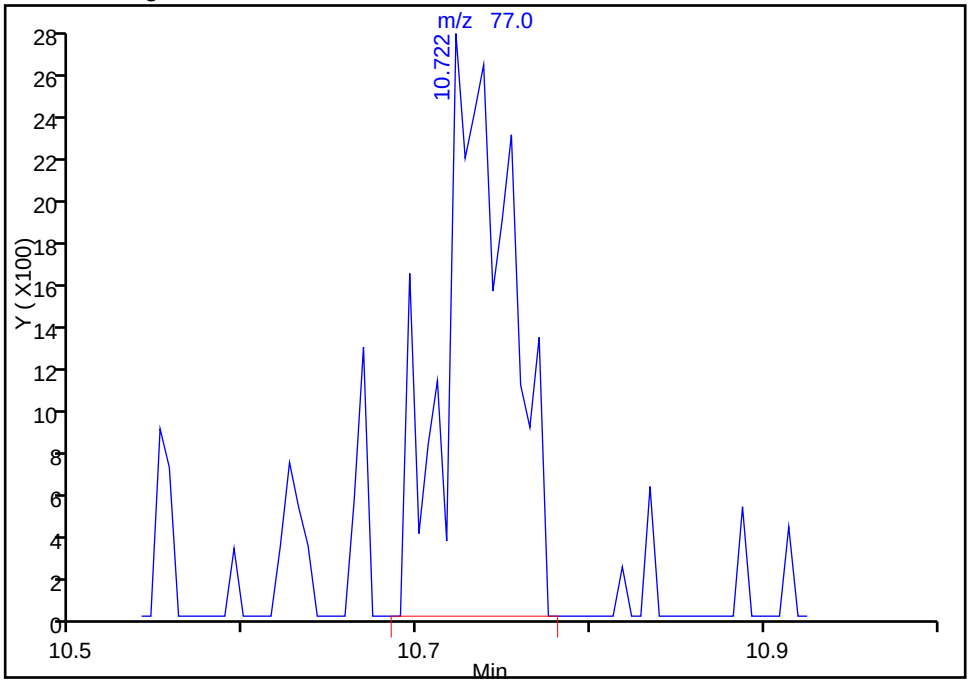
Processing Integration Results

RT: 10.74
Area: 2743
Amount: 0.037159
Amount Units: ppb v/v



Manual Integration Results

RT: 10.72
Area: 7318
Amount: 0.116015
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:02:41
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

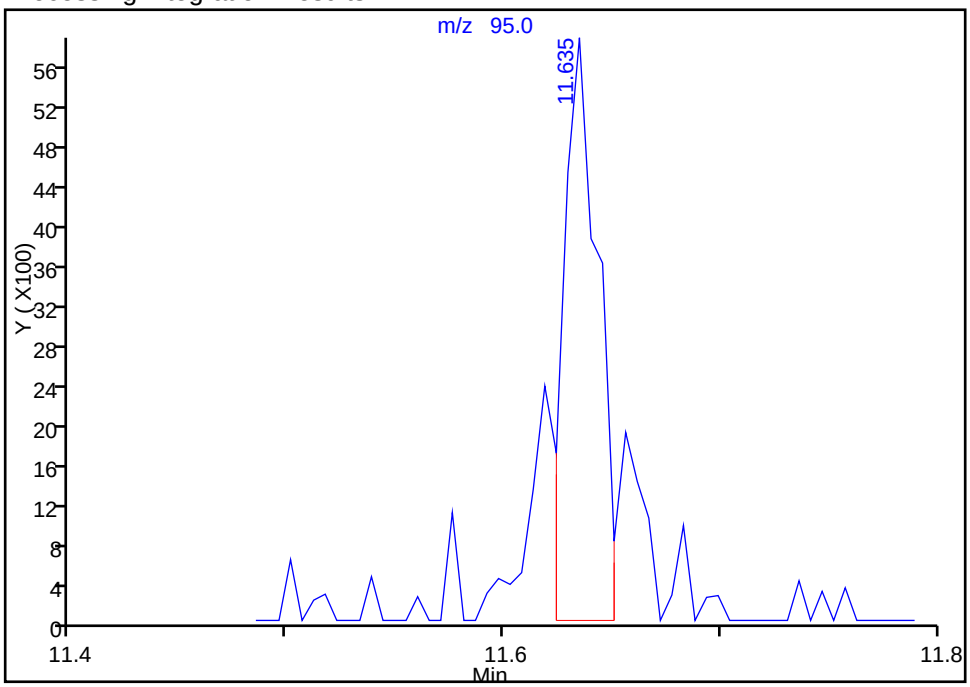
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

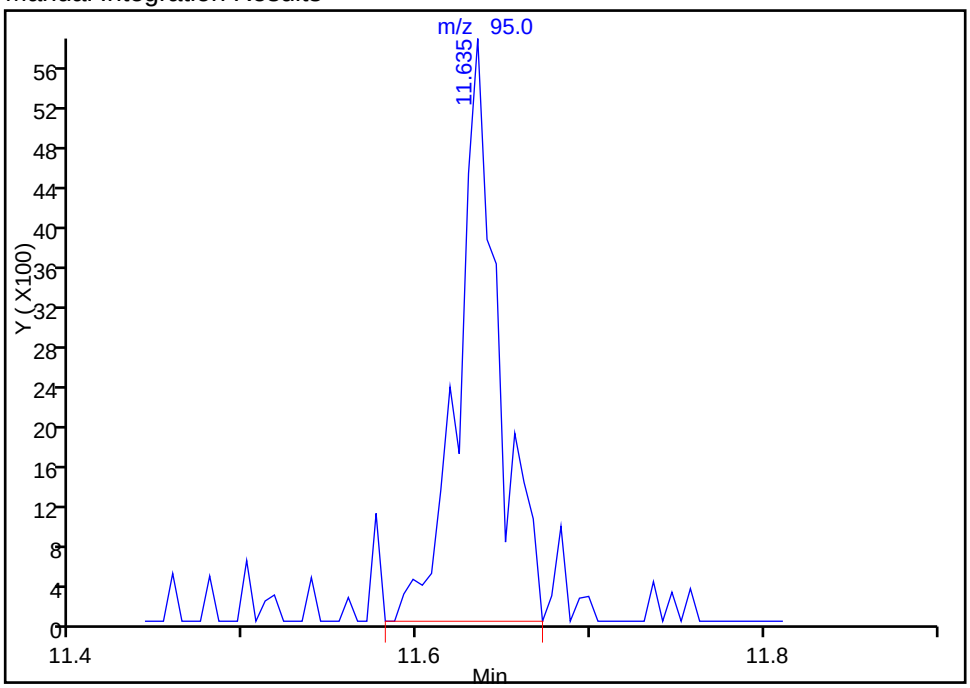
Processing Integration Results

RT: 11.63
Area: 6470
Amount: 0.076494
Amount Units: ppb v/v



Manual Integration Results

RT: 11.63
Area: 9512
Amount: 0.112460
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:02:41
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

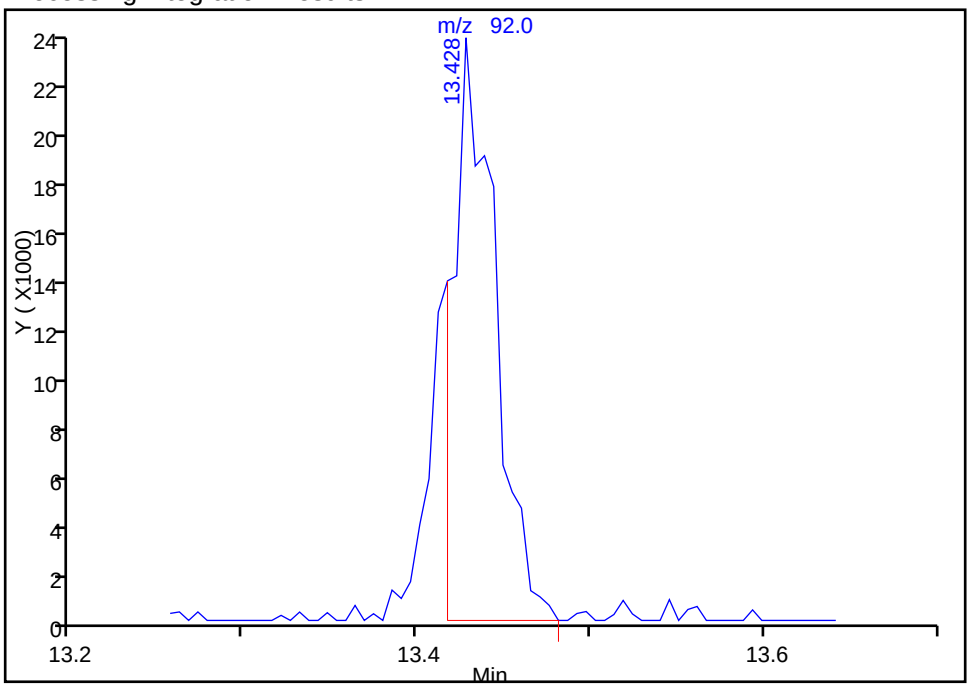
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Toluene, CAS: 108-88-3

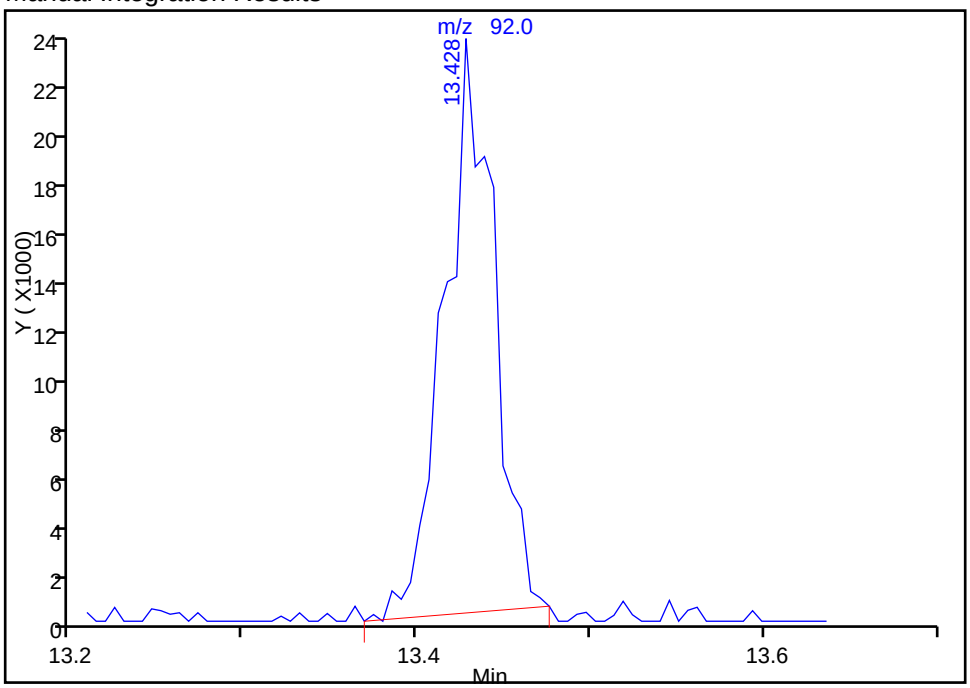
Processing Integration Results

RT: 13.43
Area: 39042
Amount: 0.297900
Amount Units: ppb v/v



Manual Integration Results

RT: 13.43
Area: 45188
Amount: 0.344796
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:02:41
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

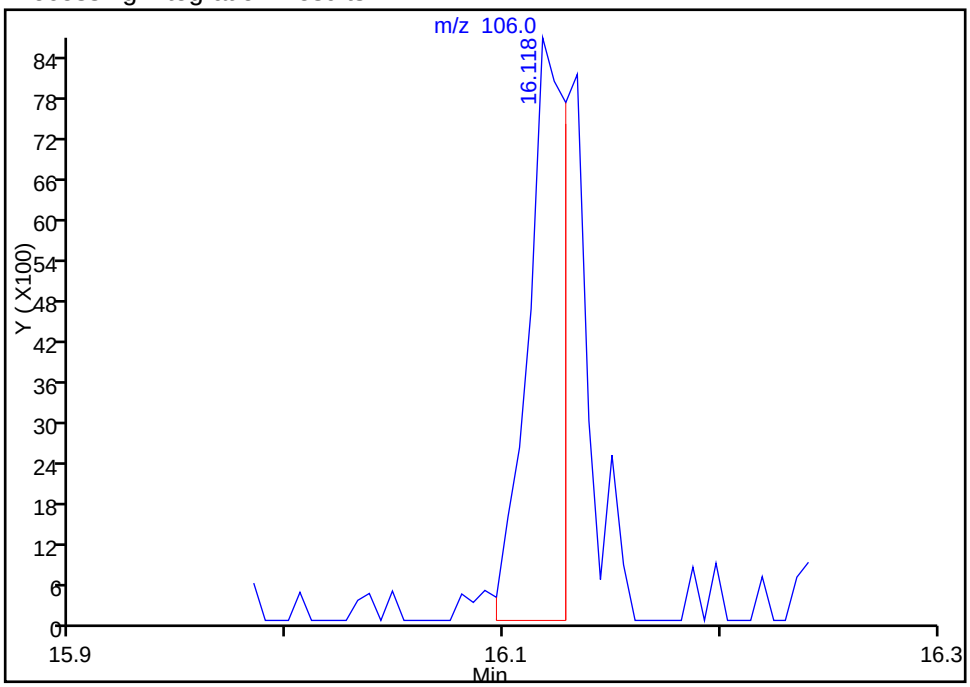
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_21a.D				
Injection Date:	30-Jan-2015 03:57:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-27	Lab Sample ID:	200-64806-27		
Client ID:	785VMP0202NA				
Operator ID:	pad	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 o-Xylene, CAS: 95-47-6

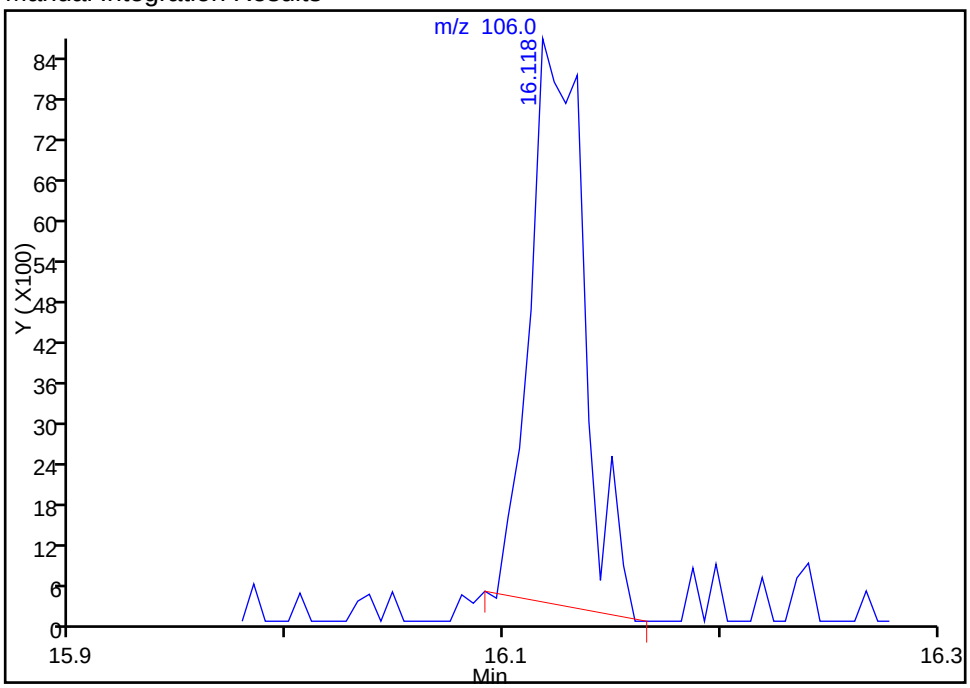
Processing Integration Results

RT: 16.12
Area: 10660
Amount: 0.090092
Amount Units: ppb v/v



Manual Integration Results

RT: 16.12
Area: 14510
Amount: 0.122629
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:02:41
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0501NA Lab Sample ID: 280-64806-28

Matrix: Air Lab File ID: 11879_22a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:30

Sample wt/vol: 44(mL) Date Analyzed: 01/30/2015 04:49

Soil Aliquot Vol: Dilution Factor: 4.55

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.45	J D	2.3	0.25
75-45-6	Freon 22	86.47	0.91	U	2.3	0.36
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.36	U	0.91	0.24
74-87-3	Chloromethane	50.49	0.91	U	2.3	0.27
106-97-8	n-Butane	58.12	0.91	U	2.3	0.82
75-01-4	Vinyl chloride	62.50	0.14	U	0.91	0.12
106-99-0	1,3-Butadiene	54.09	0.36	U	0.91	0.16
74-83-9	Bromomethane	94.94	0.36	U	0.91	0.20
75-00-3	Chloroethane	64.52	0.36	U	2.3	0.28
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.14	U	0.91	0.091
75-69-4	Trichlorofluoromethane	137.37	0.36	U	0.91	0.20
76-13-1	Freon TF	187.38	0.36	U	0.91	0.19
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.91	0.046
67-64-1	Acetone	58.08	23	D	23	3.1
67-63-0	Isopropyl alcohol	60.10	3.3	J D	23	0.68
75-15-0	Carbon disulfide	76.14	0.36	U	2.3	0.14
107-05-1	3-Chloropropene	76.53	0.91	U	2.3	0.73
75-09-2	Methylene Chloride	84.93	0.91	U	2.3	0.55
75-65-0	tert-Butyl alcohol	74.12	0.91	U	23	0.55
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.91	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.14	U	0.91	0.12
110-54-3	n-Hexane	86.17	0.14	U	0.91	0.13
75-34-3	1,1-Dichloroethane	98.96	0.14	U	0.91	0.13
78-93-3	Methyl Ethyl Ketone	72.11	4.4	D	2.3	0.42
156-59-2	cis-1,2-Dichloroethene	96.94	0.36	U	0.91	0.14
540-59-0	1,2-Dichloroethene, Total	96.94	0.36	U	0.91	0.24
67-66-3	Chloroform	119.38	0.36	U	0.91	0.17
109-99-9	Tetrahydrofuran	72.11	77	D	23	0.82
71-55-6	1,1,1-Trichloroethane	133.41	0.36	U	0.91	0.14
110-82-7	Cyclohexane	84.16	0.14	U	0.91	0.046
56-23-5	Carbon tetrachloride	153.81	0.14	U	0.91	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.91	0.10
71-43-2	Benzene	78.11	1.0	D	0.91	0.13
107-06-2	1,2-Dichloroethane	98.96	0.36	U	0.91	0.24

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0501NA Lab Sample ID: 280-64806-28

Matrix: Air Lab File ID: 11879_22a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:30

Sample wt/vol: 44(mL) Date Analyzed: 01/30/2015 04:49

Soil Aliquot Vol: Dilution Factor: 4.55

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.36	U	0.91	0.17
79-01-6	Trichloroethene	131.39	7.6	D	0.91	0.14
80-62-6	Methyl methacrylate	100.12	0.91	U	2.3	0.44
78-87-5	1,2-Dichloropropane	112.99	0.36	U	0.91	0.16
123-91-1	1,4-Dioxane	88.11	0.91	U	23	0.73
75-27-4	Bromodichloromethane	163.83	0.14	U	0.91	0.13
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.91	U	2.3	0.82
108-88-3	Toluene	92.14	3.9	D	0.91	0.11
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.36	U	0.91	0.17
127-18-4	Tetrachloroethene	165.83	0.14	U	0.91	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.91	U	2.3	0.77
124-48-1	Dibromochloromethane	208.29	0.14	U	0.91	0.091
106-93-4	1,2-Dibromoethane	187.87	0.14	U	0.91	0.082
108-90-7	Chlorobenzene	112.56	0.14	U	0.91	0.082
100-41-4	Ethylbenzene	106.17	0.50	J D	0.91	0.091
179601-23-1	m,p-Xylene	106.17	1.4	J D M	2.3	0.11
95-47-6	Xylene, o-	106.17	0.49	J D	0.91	0.082
1330-20-7	Xylene (total)	106.17	1.9		0.91	0.19
100-42-5	Styrene	104.15	0.91	D	0.91	0.073
75-25-2	Bromoform	252.75	0.14	U	0.91	0.11
98-82-8	Cumene	120.19	0.14	U	0.91	0.086
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.36	U	0.91	0.15
103-65-1	n-Propylbenzene	120.19	0.14	U	0.91	0.12
622-96-8	4-Ethyltoluene	120.20	0.14	U	0.91	0.091
108-67-8	1,3,5-Trimethylbenzene	120.20	0.14	U	0.91	0.086
95-49-8	2-Chlorotoluene	126.59	0.36	U	0.91	0.14
98-06-6	tert-Butylbenzene	134.22	0.14	U	0.91	0.091
95-63-6	1,2,4-Trimethylbenzene	120.20	0.22	J D	0.91	0.073
135-98-8	sec-Butylbenzene	134.22	0.14	U	0.91	0.096
99-87-6	4-Isopropyltoluene	134.22	0.14	U	0.91	0.091
541-73-1	1,3-Dichlorobenzene	147.00	0.14	U	0.91	0.091
106-46-7	1,4-Dichlorobenzene	147.00	0.14	U	0.91	0.086

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0501NA Lab Sample ID: 280-64806-28

Matrix: Air Lab File ID: 11879_22a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:30

Sample wt/vol: 44(mL) Date Analyzed: 01/30/2015 04:49

Soil Aliquot Vol: Dilution Factor: 4.55

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.14	U	0.91	0.082
104-51-8	n-Butylbenzene	134.22	0.14	U	0.91	0.13
95-50-1	1,2-Dichlorobenzene	147.00	0.14	U	0.91	0.082
120-82-1	1,2,4-Trichlorobenzene	181.45	0.36	U	2.3	0.15
87-68-3	Hexachlorobutadiene	260.76	0.36	U	0.91	0.16
91-20-3	Naphthalene	128.17	0.36	U	2.3	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0501NA Lab Sample ID: 280-64806-28

Matrix: Air Lab File ID: 11879_22a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:30

Sample wt/vol: 44(mL) Date Analyzed: 01/30/2015 04:49

Soil Aliquot Vol: Dilution Factor: 4.55

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.2	J D	11	1.3
75-45-6	Freon 22	86.47	3.2	U	8.0	1.3
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.5	U	6.4	1.7
74-87-3	Chloromethane	50.49	1.9	U	4.7	0.56
106-97-8	n-Butane	58.12	2.2	U	5.4	1.9
75-01-4	Vinyl chloride	62.50	0.35	U	2.3	0.30
106-99-0	1,3-Butadiene	54.09	0.81	U	2.0	0.36
74-83-9	Bromomethane	94.94	1.4	U	3.5	0.78
75-00-3	Chloroethane	64.52	0.96	U	6.0	0.73
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.60	U	4.0	0.40
75-69-4	Trichlorofluoromethane	137.37	2.0	U	5.1	1.2
76-13-1	Freon TF	187.38	2.8	U	7.0	1.4
75-35-4	1,1-Dichloroethene	96.94	0.54	U	3.6	0.18
67-64-1	Acetone	58.08	54	D	54	7.5
67-63-0	Isopropyl alcohol	60.10	8.1	J D	56	1.7
75-15-0	Carbon disulfide	76.14	1.1	U	7.1	0.43
107-05-1	3-Chloropropene	76.53	2.8	U	7.1	2.3
75-09-2	Methylene Chloride	84.93	3.2	U	7.9	1.9
75-65-0	tert-Butyl alcohol	74.12	2.8	U	69	1.7
1634-04-4	Methyl tert-butyl ether	88.15	0.49	U	3.3	0.36
156-60-5	trans-1,2-Dichloroethene	96.94	0.54	U	3.6	0.49
110-54-3	n-Hexane	86.17	0.48	U	3.2	0.45
75-34-3	1,1-Dichloroethane	98.96	0.55	U	3.7	0.52
78-93-3	Methyl Ethyl Ketone	72.11	13	D	6.7	1.2
156-59-2	cis-1,2-Dichloroethene	96.94	1.4	U	3.6	0.54
540-59-0	1,2-Dichloroethene, Total	96.94	1.4	U	3.6	0.96
67-66-3	Chloroform	119.38	1.8	U	4.4	0.84
109-99-9	Tetrahydrofuran	72.11	230	D	67	2.4
71-55-6	1,1,1-Trichloroethane	133.41	2.0	U	5.0	0.74
110-82-7	Cyclohexane	84.16	0.47	U	3.1	0.16
56-23-5	Carbon tetrachloride	153.81	0.86	U	5.7	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.64	U	4.3	0.49
71-43-2	Benzene	78.11	3.3	D	2.9	0.42
107-06-2	1,2-Dichloroethane	98.96	1.5	U	3.7	0.96

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0501NA | Lab Sample ID: 280-64806-28

Matrix: Air | Lab File ID: 11879_22a.D

Analysis Method: TO-15 | Date Collected: 01/26/2015 15:30

Sample wt/vol: 44(mL) | Date Analyzed: 01/30/2015 04:49

Soil Aliquot Vol: | Dilution Factor: 4.55

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 84055 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.5	U	3.7	0.69
79-01-6	Trichloroethene	131.39	41	D	4.9	0.73
80-62-6	Methyl methacrylate	100.12	3.7	U	9.3	1.8
78-87-5	1,2-Dichloropropane	112.99	1.7	U	4.2	0.74
123-91-1	1,4-Dioxane	88.11	3.3	U	82	2.6
75-27-4	Bromodichloromethane	163.83	0.91	U	6.1	0.88
10061-01-5	cis-1,3-Dichloropropene	110.97	0.62	U	4.1	0.60
108-10-1	methyl isobutyl ketone	100.16	3.7	U	9.3	3.4
108-88-3	Toluene	92.14	15	D	3.4	0.43
10061-02-6	trans-1,3-Dichloropropene	110.97	0.62	U	4.1	0.54
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U	5.0	0.92
127-18-4	Tetrachloroethene	165.83	0.93	U	6.2	0.93
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	3.7	U	9.3	3.2
124-48-1	Dibromochloromethane	208.29	1.2	U	7.8	0.78
106-93-4	1,2-Dibromoethane	187.87	1.0	U	7.0	0.63
108-90-7	Chlorobenzene	112.56	0.63	U	4.2	0.38
100-41-4	Ethylbenzene	106.17	2.2	J D	4.0	0.40
179601-23-1	m,p-Xylene	106.17	6.0	J D M	9.9	0.49
95-47-6	Xylene, o-	106.17	2.1	J D	4.0	0.36
1330-20-7	Xylene (total)	106.17	8.2		4.0	0.81
100-42-5	Styrene	104.15	3.9	D	3.9	0.31
75-25-2	Bromoform	252.75	1.4	U	9.4	1.2
98-82-8	Cumene	120.19	0.67	U	4.5	0.42
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.5	U	6.2	1.1
103-65-1	n-Propylbenzene	120.19	0.67	U	4.5	0.60
622-96-8	4-Ethyltoluene	120.20	0.67	U	4.5	0.45
108-67-8	1,3,5-Trimethylbenzene	120.20	0.67	U	4.5	0.43
95-49-8	2-Chlorotoluene	126.59	1.9	U	4.7	0.73
98-06-6	tert-Butylbenzene	134.22	0.75	U	5.0	0.50
95-63-6	1,2,4-Trimethylbenzene	120.20	1.1	J D	4.5	0.36
135-98-8	sec-Butylbenzene	134.22	0.75	U	5.0	0.52
99-87-6	4-Isopropyltoluene	134.22	0.75	U	5.0	0.50
541-73-1	1,3-Dichlorobenzene	147.00	0.82	U	5.5	0.55
106-46-7	1,4-Dichlorobenzene	147.00	0.82	U	5.5	0.52

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0501NA Lab Sample ID: 280-64806-28

Matrix: Air Lab File ID: 11879_22a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:30

Sample wt/vol: 44(mL) Date Analyzed: 01/30/2015 04:49

Soil Aliquot Vol: Dilution Factor: 4.55

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.71	U	4.7	0.42
104-51-8	n-Butylbenzene	134.22	0.75	U	5.0	0.70
95-50-1	1,2-Dichlorobenzene	147.00	0.82	U	5.5	0.49
120-82-1	1,2,4-Trichlorobenzene	181.45	2.7	U	17	1.1
87-68-3	Hexachlorobutadiene	260.76	3.9	U	9.7	1.7
91-20-3	Naphthalene	128.17	1.9	U	12	0.72

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D
Lims ID: 280-64806-A-28 Lab Sample ID: 200-64806-28
Client ID: 785VMP0501NA
Sample Type: Client
Inject. Date: 30-Jan-2015 04:49:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 4.5500
Sample Info: 200-0011879-022
Misc. Info.: 64806-28
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 02-Feb-2015 08:44:11 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: lyonsb Date: 30-Jan-2015 16:04:19

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	5 Dichlorodifluoromethane	85	3.224	3.218	0.006	95	18072	0.0983	
	6 Chlorodifluoromethane	51		3.261				ND	
	7 1,2-Dichloro-1,1,2,2-tetra	85		3.448				ND	
	8 Chloromethane	50		3.581				ND	
	9 Butane	43		3.763				ND	
	10 Vinyl chloride	62		3.800				ND	
	11 Butadiene	54		3.875				ND	
	12 Bromomethane	94		4.579				ND	
	14 Chloroethane	64		4.809				ND	
	16 Vinyl bromide	106		5.241				ND	
	17 Trichlorofluoromethane	101		5.326				ND	
	23 1,1,2-Trichloro-1,2,2-trif	101		6.372				ND	
	24 1,1-Dichloroethene	96		6.453				ND	
	25 Acetone	43	6.624	6.629	-0.005	83	506967	4.96	
	26 Isopropyl alcohol	45	6.832	6.826	0.006	91	54886	0.7251	
	27 Carbon disulfide	76		6.885				ND	
	29 3-Chloro-1-propene	41		7.173				ND	
	31 Methylene Chloride	49		7.429				ND	
	32 2-Methyl-2-propanol	59		7.536				ND	
	33 Methyl tert-butyl ether	73		7.765				ND	
	34 trans-1,2-Dichloroethene	61		7.840				ND	
	36 Hexane	57		8.150				ND	
	37 1,1-Dichloroethane	63		8.598				ND	
	40 2-Butanone (MEK)	72	9.495	9.495	0.000	94	28565	0.9597	
	39 cis-1,2-Dichloroethene	96		9.500				ND	
	43 Tetrahydrofuran	42	9.868	9.868	0.000	89	1103052	16.8	
*	44 Chlorobromomethane	128	9.874	9.874	0.000	88	587117	10.0	
	45 Chloroform	83		9.943				ND	
S	42 1,2-Dichloroethene, Total	61		10.000				ND	
	46 Cyclohexane	84		10.199				ND	
	47 1,1,1-Trichloroethane	97		10.199				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
48 Carbon tetrachloride	117		10.391				ND	
49 Isooctane	57		10.663				ND	
50 Benzene	78	10.733	10.733	0.000	96	39146	0.2287	
51 1,2-Dichloroethane	62		10.839				ND	
52 n-Heptane	43		10.920				ND	
* 54 1,4-Difluorobenzene	114	11.272	11.272	0.000	95	2837655	10.0	
57 Trichloroethene	95	11.635	11.640	-0.005	95	141424	1.66	
58 1,2-Dichloropropane	63		12.024				ND	
59 Methyl methacrylate	69		12.051				ND	
60 1,4-Dioxane	88		12.147				ND	
62 Dichlorobromomethane	83		12.377				ND	
64 cis-1,3-Dichloropropene	75		13.006				ND	
65 4-Methyl-2-pentanone (MIBK	43	13.156	13.150	0.006	54	13765	0.0837	
68 Toluene	92	13.428	13.433	-0.005	94	110085	0.8473	
70 trans-1,3-Dichloropropene	75		13.796				ND	
71 1,1,2-Trichloroethane	83		14.074				ND	
72 Tetrachloroethene	166		14.191				ND	
73 2-Hexanone	43		14.324				ND	
74 Chlorodibromomethane	129		14.618				ND	
75 Ethylene Dibromide	107		14.821				ND	
* 76 Chlorobenzene-d5	117	15.371	15.371	0.000	87	2504410	10.0	
77 Chlorobenzene	112		15.408				ND	
79 Ethylbenzene	91	15.472	15.472	0.000	96	34668	0.1103	
80 m-Xylene & p-Xylene	106	15.611	15.616	-0.005	0	36212	0.3017	M
S 81 Xylenes, Total	106				0		0.4102	
82 o-Xylene	106	16.129	16.128	0.001	46	12727	0.1085	
83 Styrene	104	16.155	16.150	0.005	94	38379	0.2002	
84 Bromoform	173		16.449				ND	
85 Isopropylbenzene	105		16.529				ND	
$ 86 4-Bromofluorobenzene	95	16.790	16.795	-0.005	94	1778194	NC	
87 1,1,2,2-Tetrachloroethane	83		16.945				ND	
88 N-Propylbenzene	91		17.009				ND	
91 4-Ethyltoluene	105		17.132				ND	
92 2-Chlorotoluene	91		17.180				ND	
93 1,3,5-Trimethylbenzene	105		17.196				ND	
95 tert-Butylbenzene	119		17.580				ND	
96 1,2,4-Trimethylbenzene	105	17.650	17.649	0.001	66	15862	0.0492	
97 sec-Butylbenzene	105		17.842				ND	
98 4-Isopropyltoluene	119		17.991				ND	
99 1,3-Dichlorobenzene	146		18.076				ND	
100 1,4-Dichlorobenzene	146		18.188				ND	
101 Benzyl chloride	91		18.349				ND	
103 n-Butylbenzene	91		18.509				ND	
104 1,2-Dichlorobenzene	146		18.690				ND	
107 1,2,4-Trichlorobenzene	180		21.102				ND	
108 Hexachlorobutadiene	225		21.262				ND	
109 Naphthalene	128		21.609				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

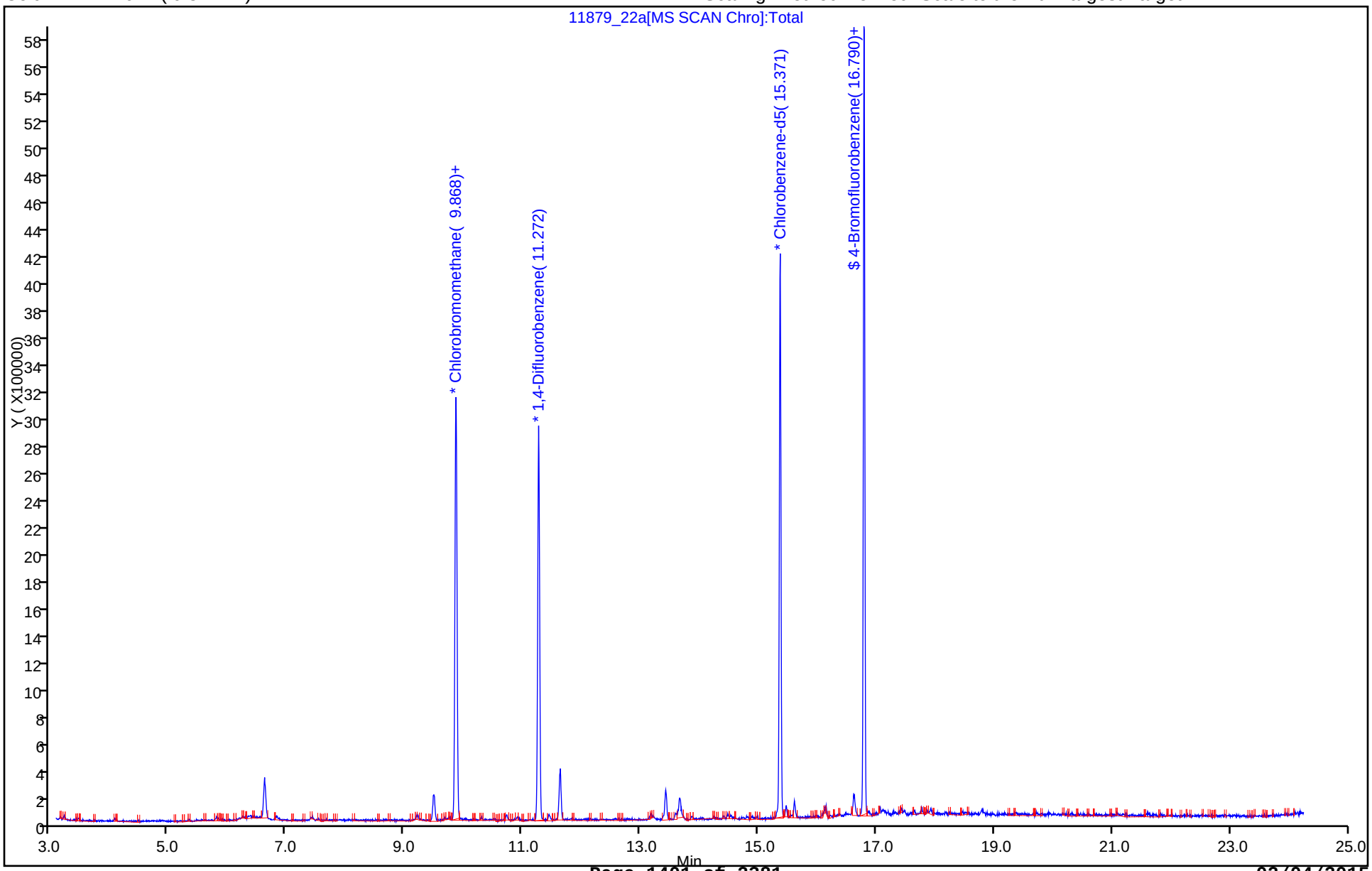
Report Date: 02-Feb-2015 08:44:39 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D

Injection Date:	30-Jan-2015 04:49:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	280-64806-A-28	Lab Sample ID:	200-64806-28	Worklist Smp#:	22
Client ID:	785VMP0501NA				
Purge Vol:	5.000 mL	Dil. Factor:	4.5500	ALS Bottle#:	21
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D

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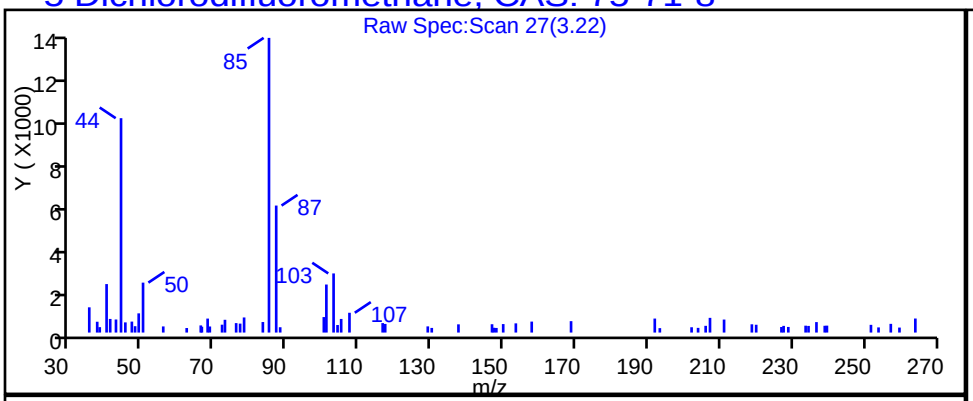
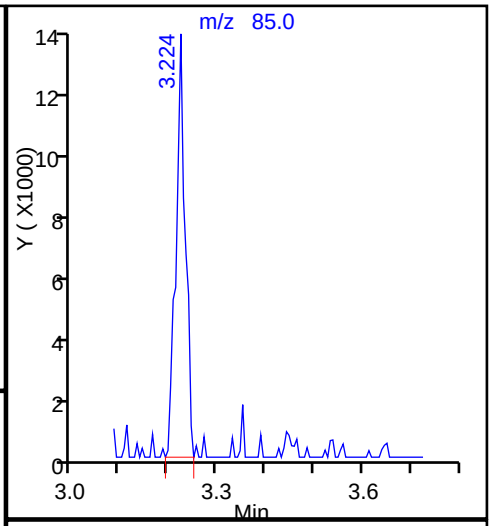
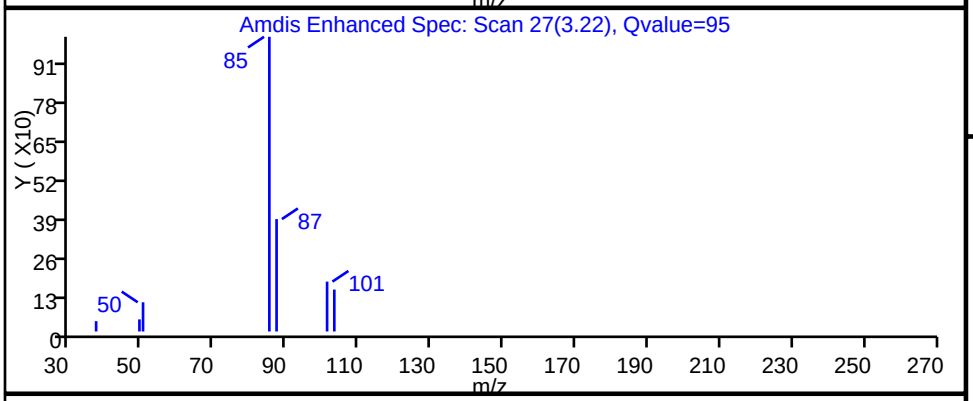
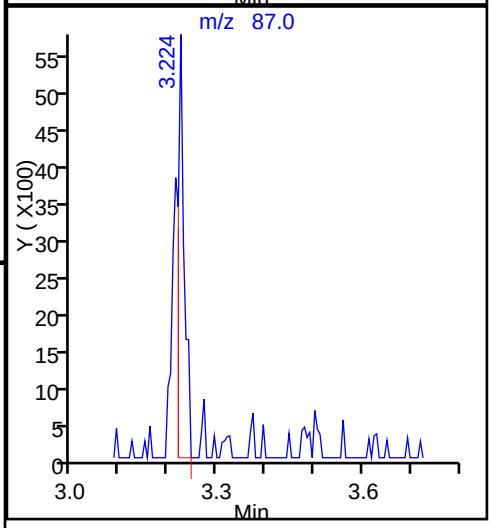
Lims ID:	280-64806-A-28	Lab Sample ID:	200-64806-28		
Client ID:	785VMP0501NA				
Operator ID:	pad	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	4.5500		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

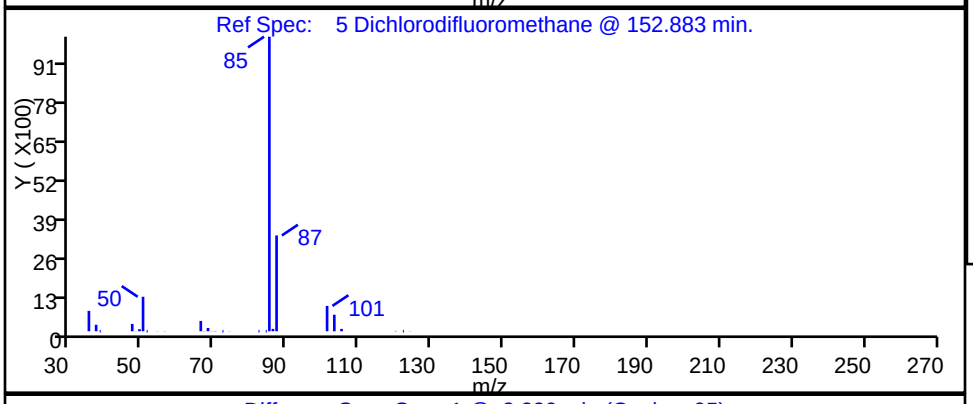
5 Dichlorodifluoromethane, CAS: 75-71-8

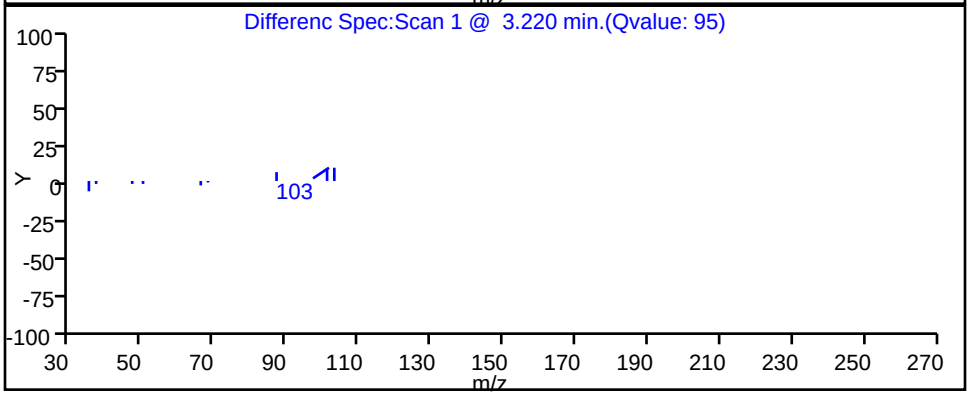








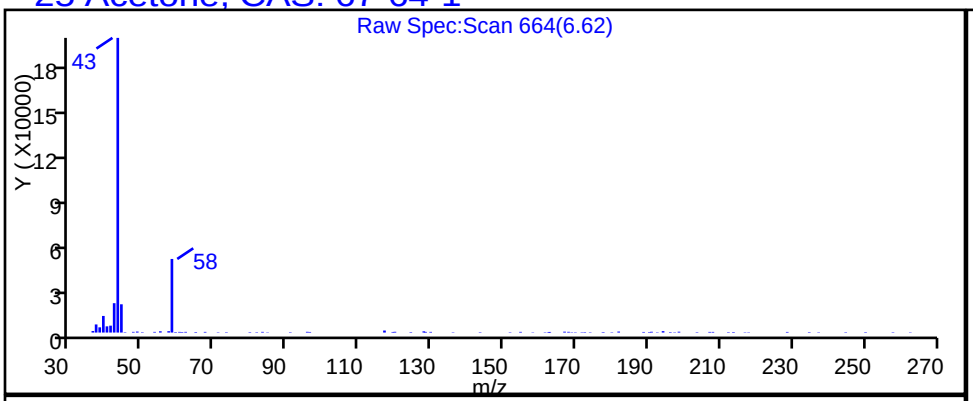


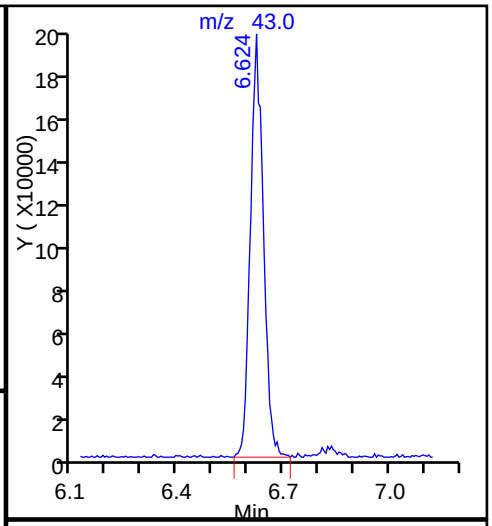


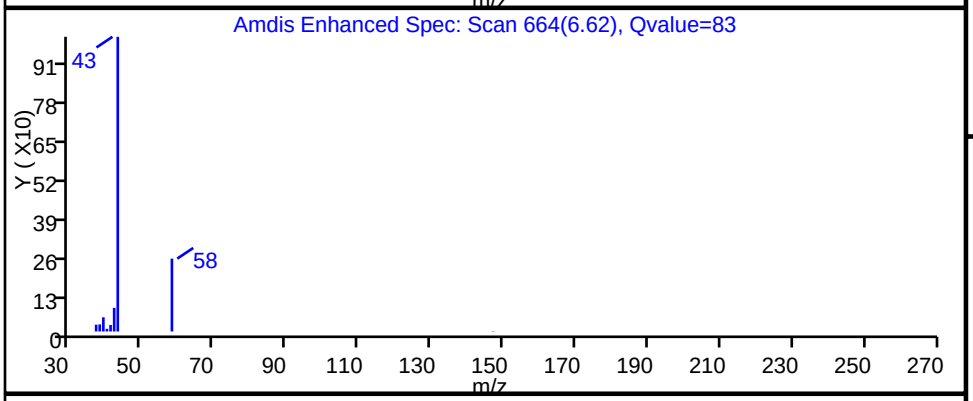
TestAmerica Burlington

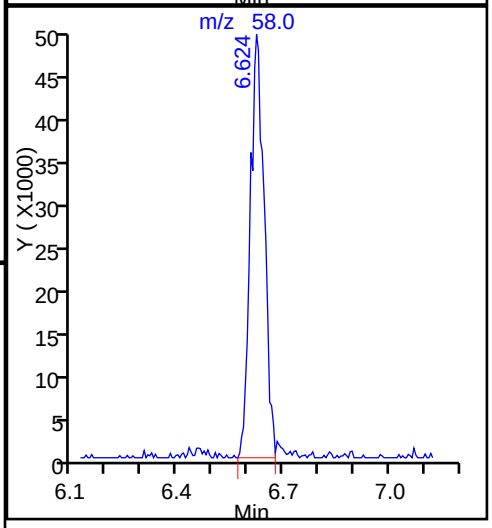
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D				
Injection Date:	30-Jan-2015 04:49:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-28	Lab Sample ID:	200-64806-28		
Client ID:	785VMP0501NA				
Operator ID:	pad	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	4.5500		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

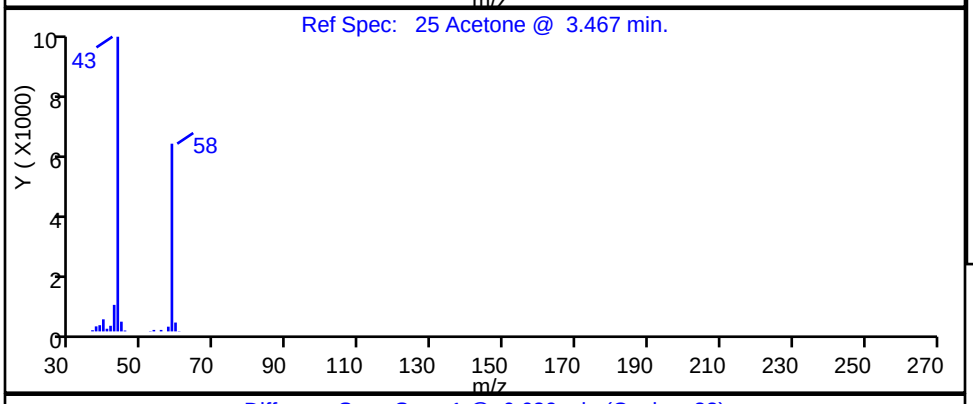
25 Acetone, CAS: 67-64-1

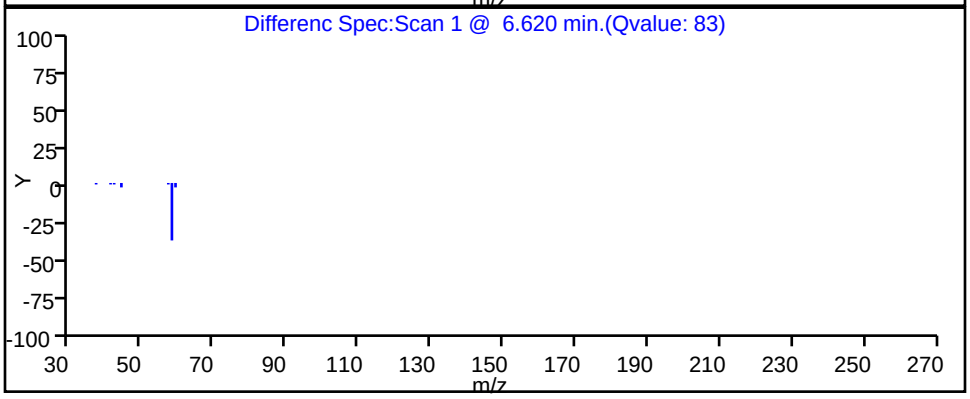












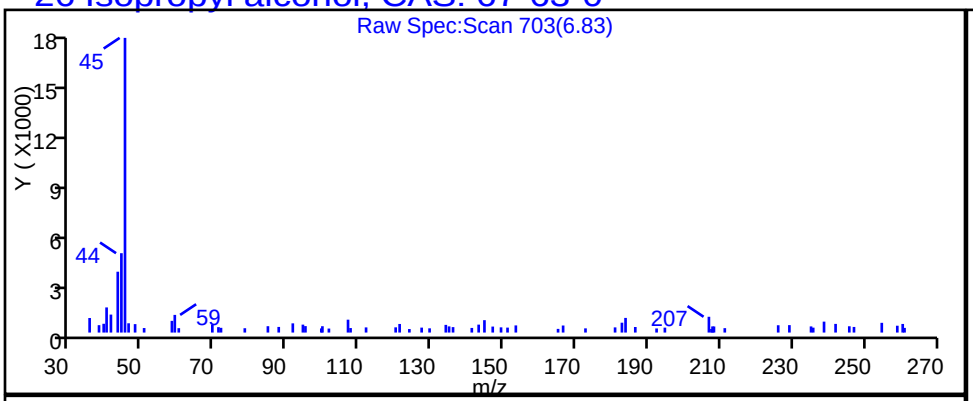
Report Date: 02-Feb-2015 08:44:39 Chrom Revision: 2.2 15-Jan-2015 13:05:58

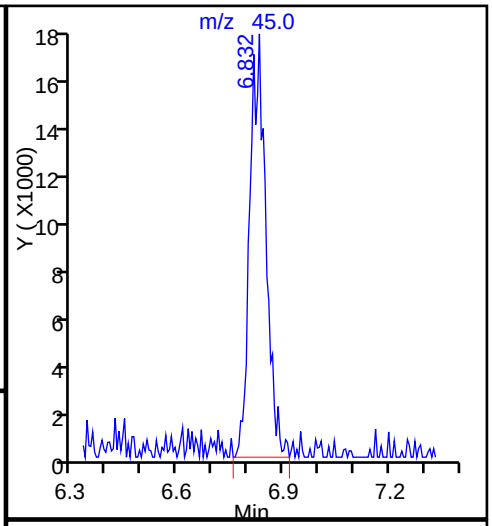
TestAmerica Burlington

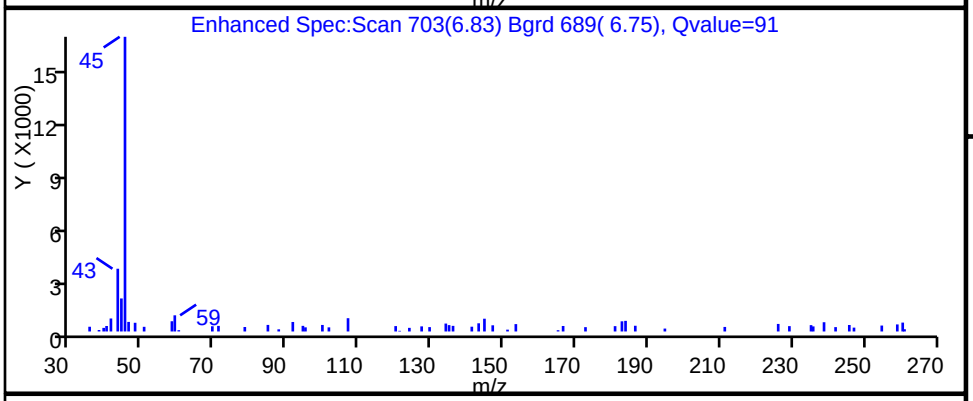
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D

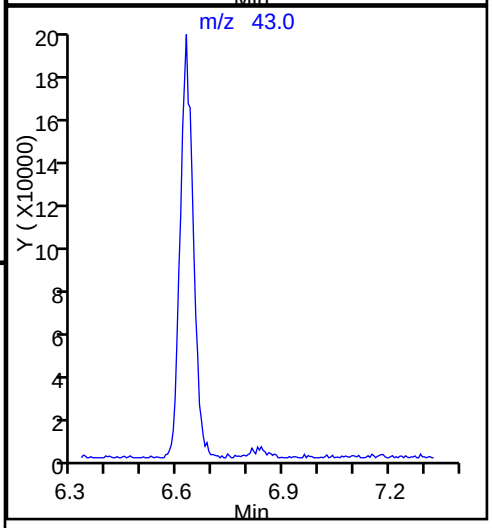
Injection Date:	30-Jan-2015 04:49:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-28	Lab Sample ID:	200-64806-28		
Client ID:	785VMP0501NA				
Operator ID:	pad	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	4.5500		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

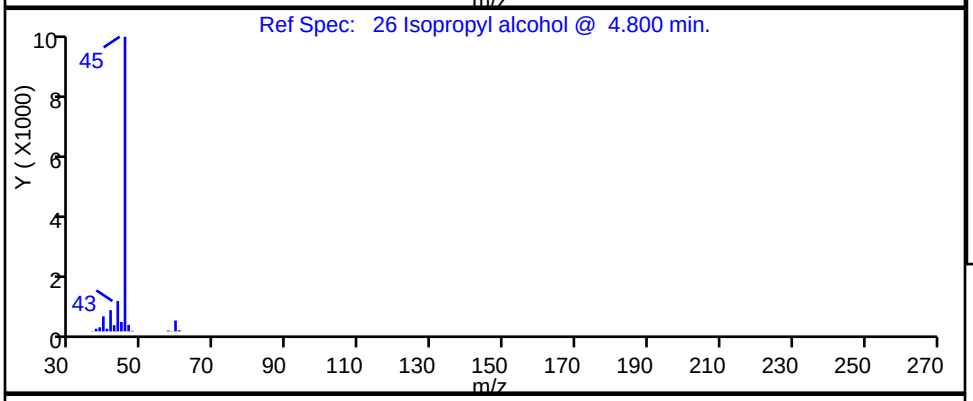
26 Isopropyl alcohol, CAS: 67-63-0

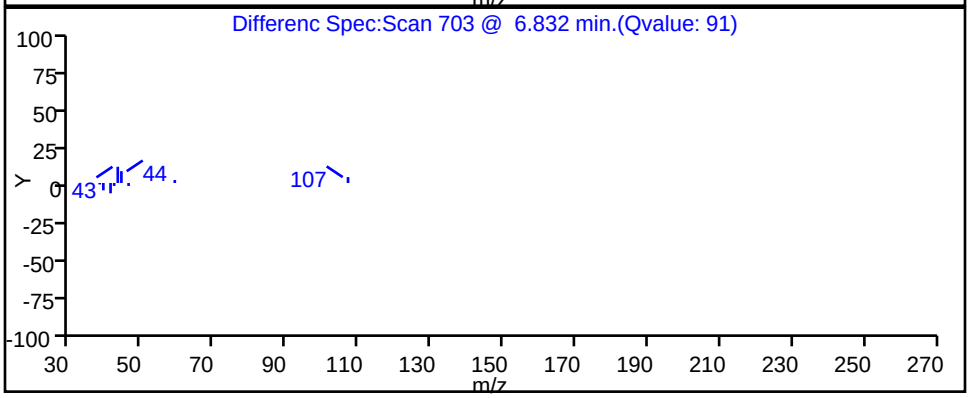








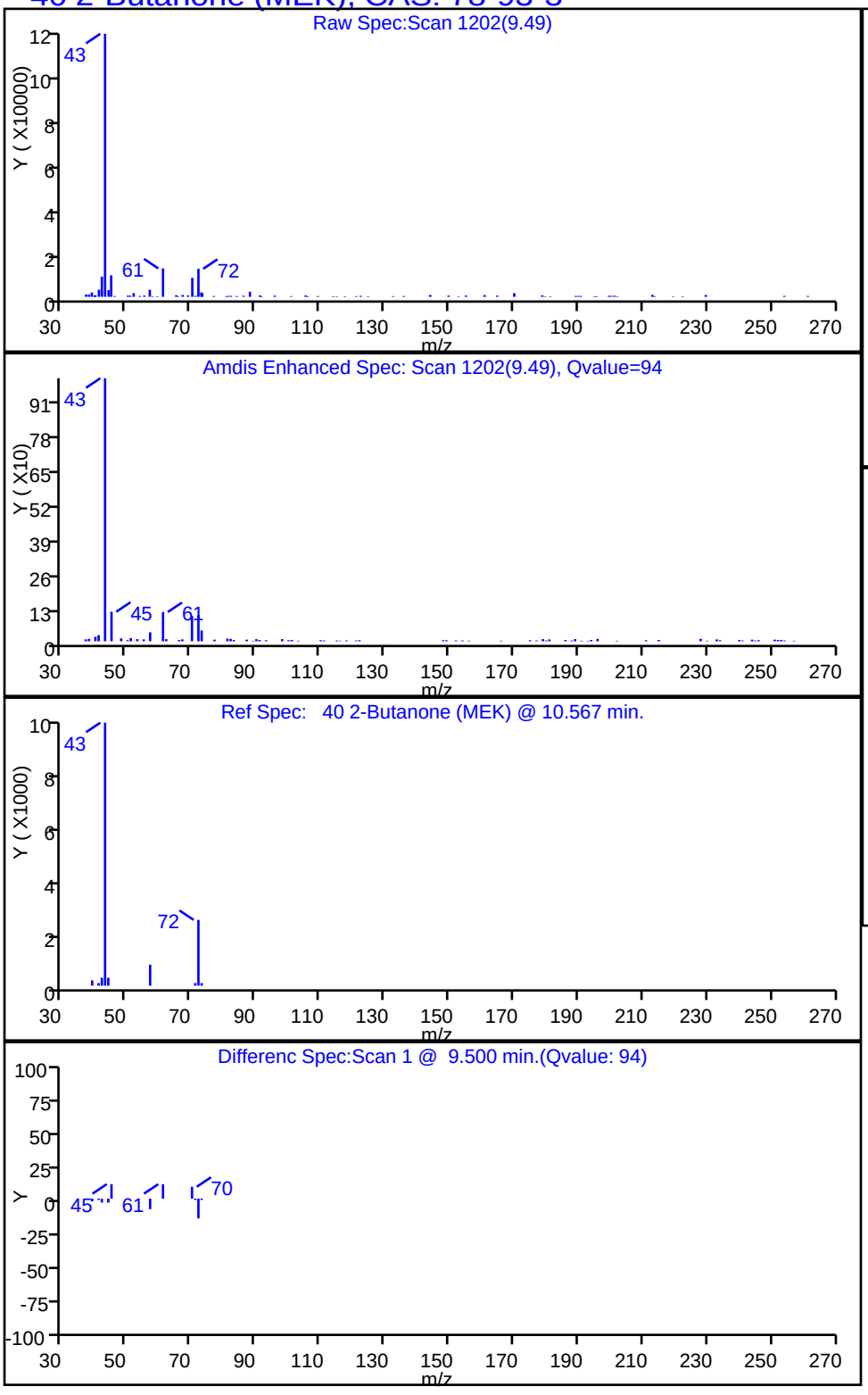


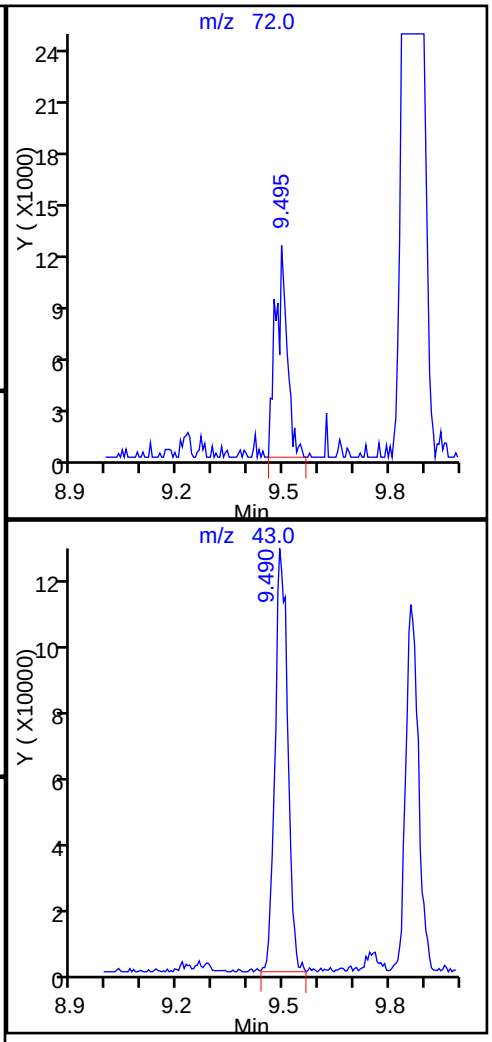


TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D				
Injection Date:	30-Jan-2015 04:49:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-28	Lab Sample ID:	200-64806-28		
Client ID:	785VMP0501NA				
Operator ID:	pad	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	4.5500		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

40 2-Butanone (MEK), CAS: 78-93-3





Report Date: 02-Feb-2015 08:44:39 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D

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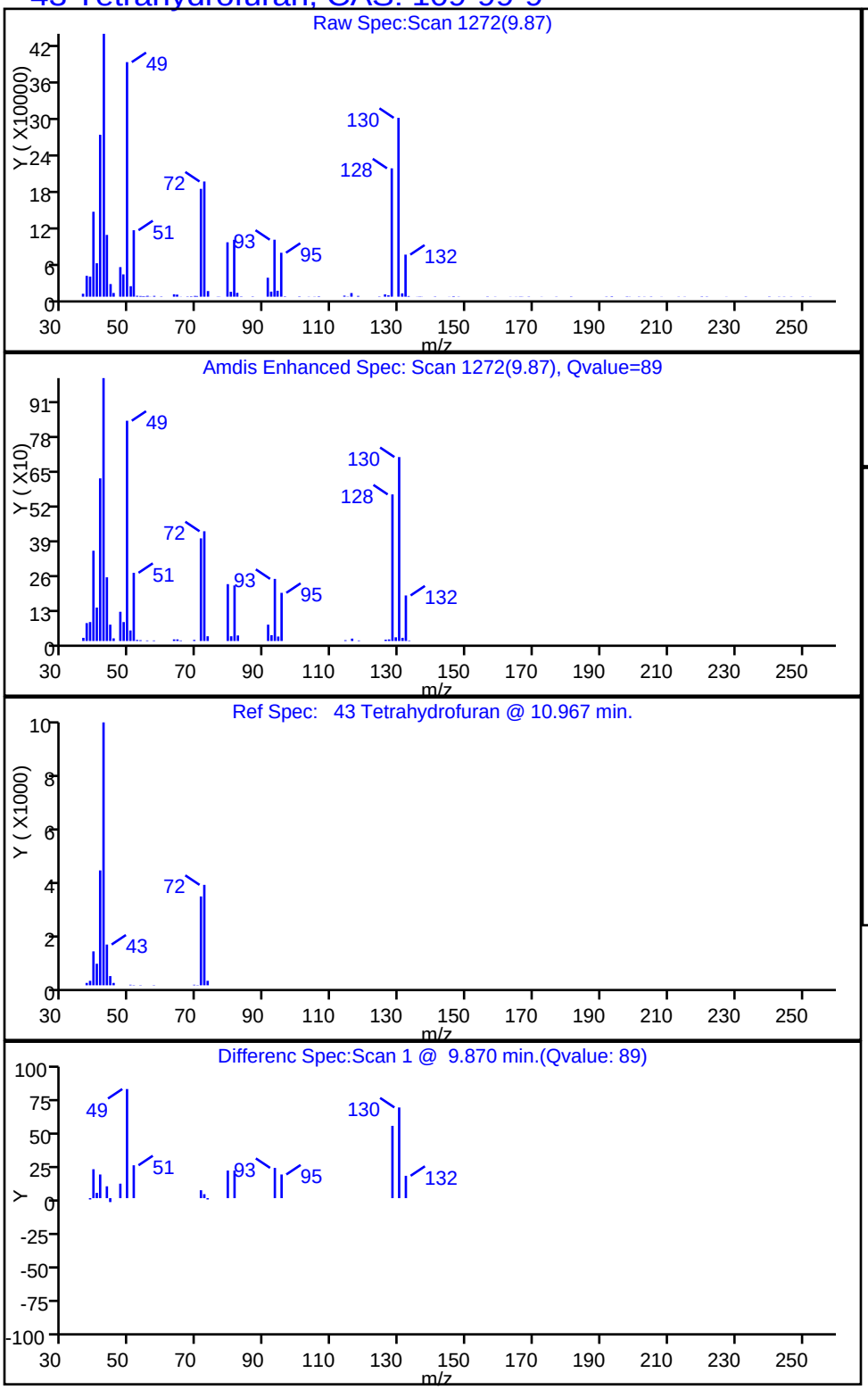
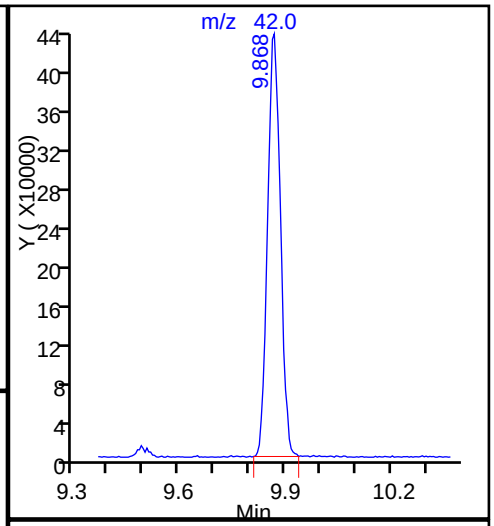
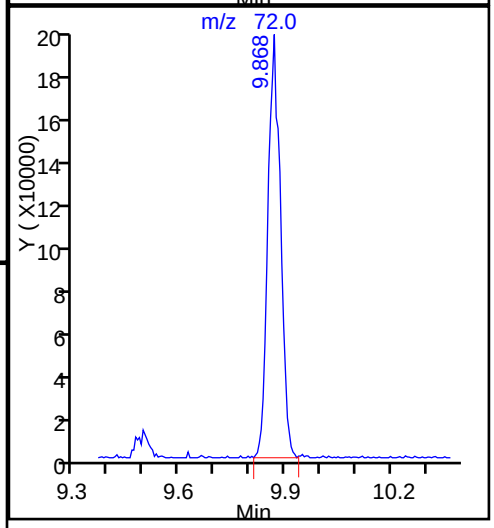
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Tetrahydrofuran, CAS: 109-99-9







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TestAmerica Burlington

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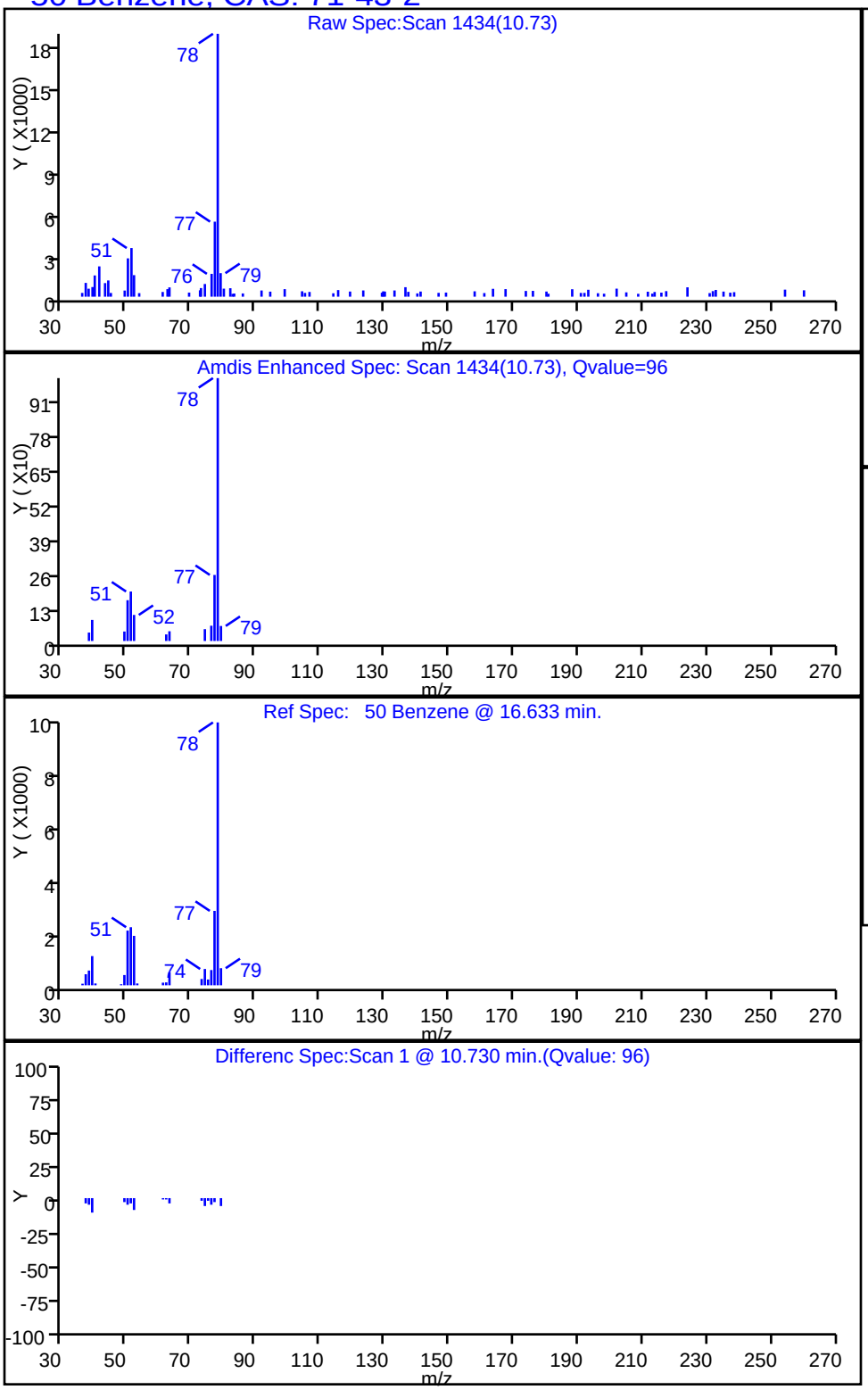
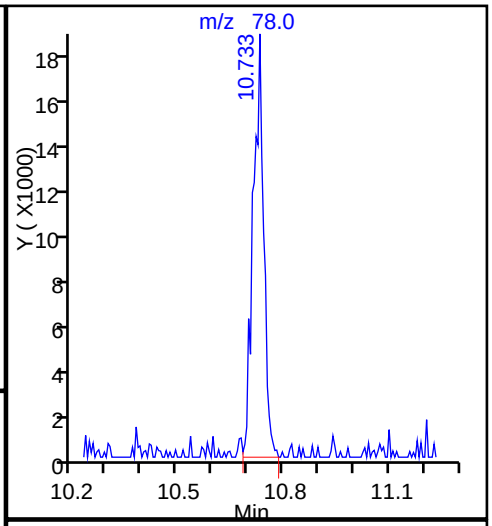
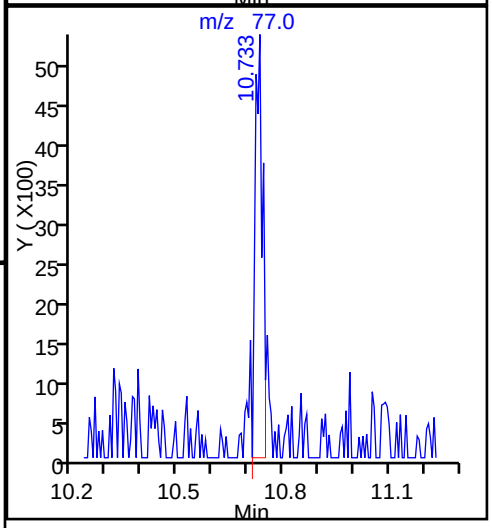
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Benzene, CAS: 71-43-2







TestAmerica Burlington

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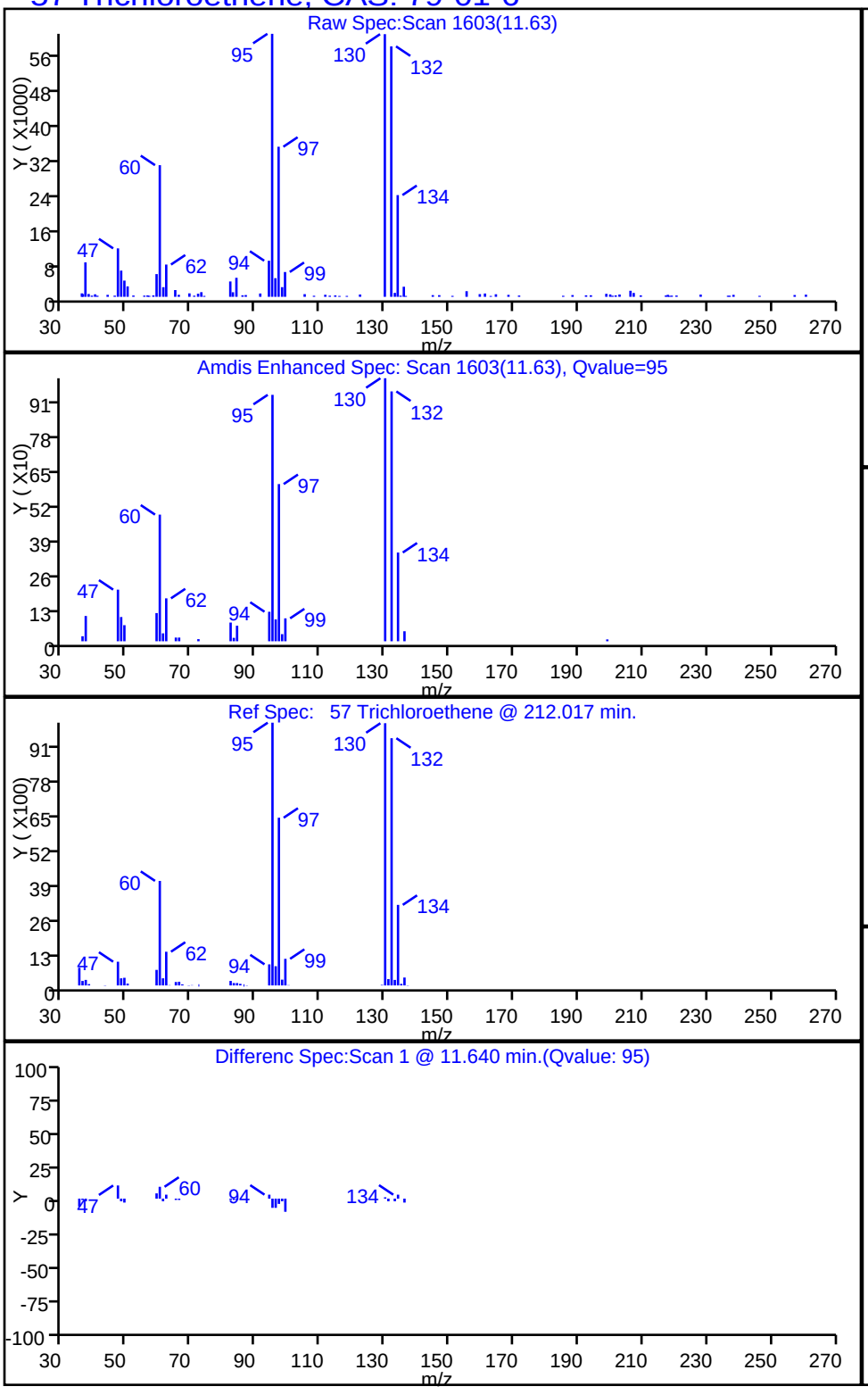
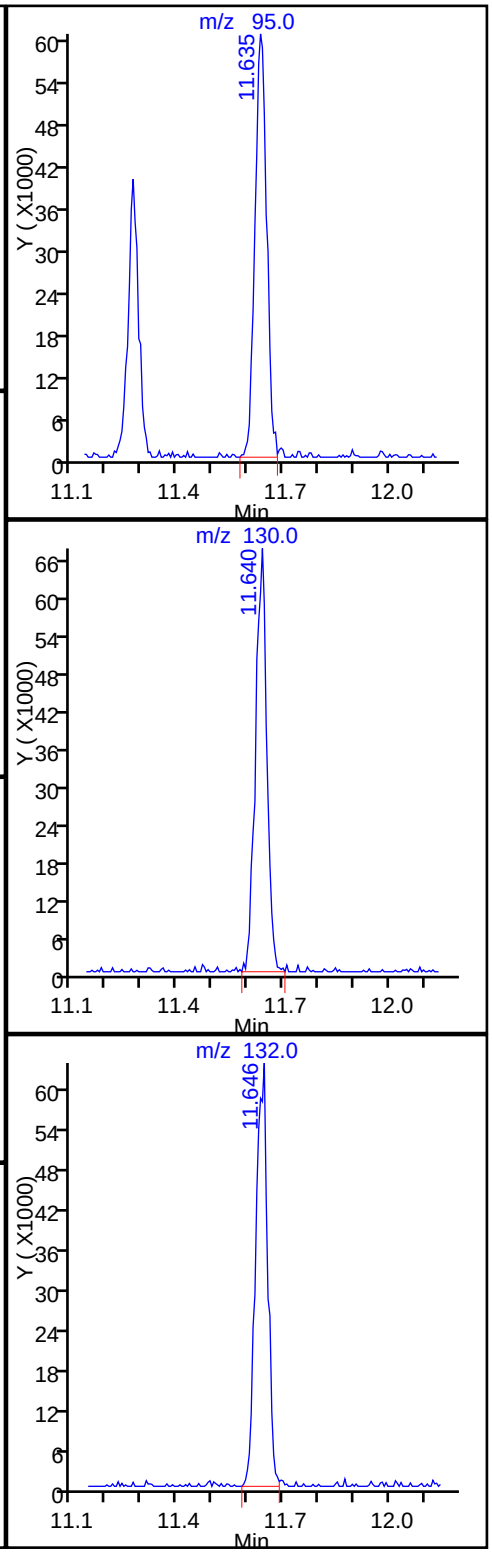
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6





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TestAmerica Burlington

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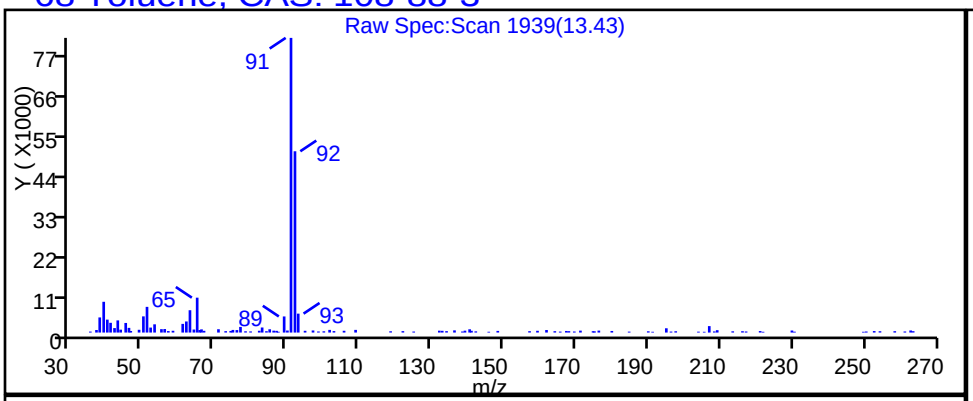
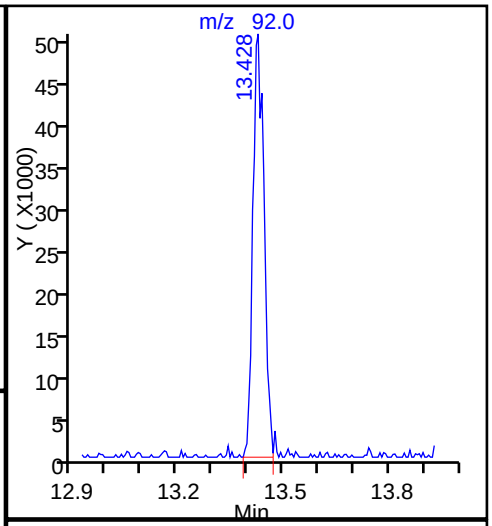
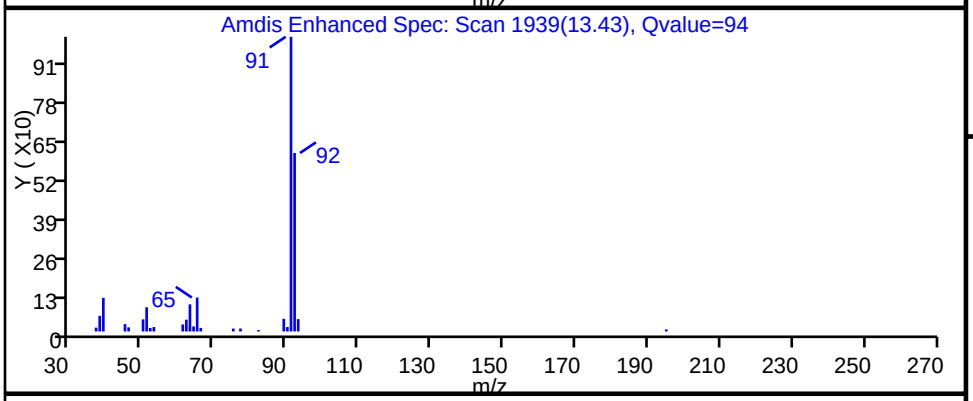
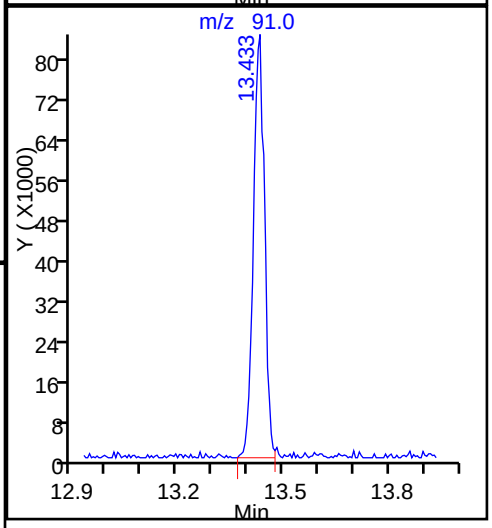
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

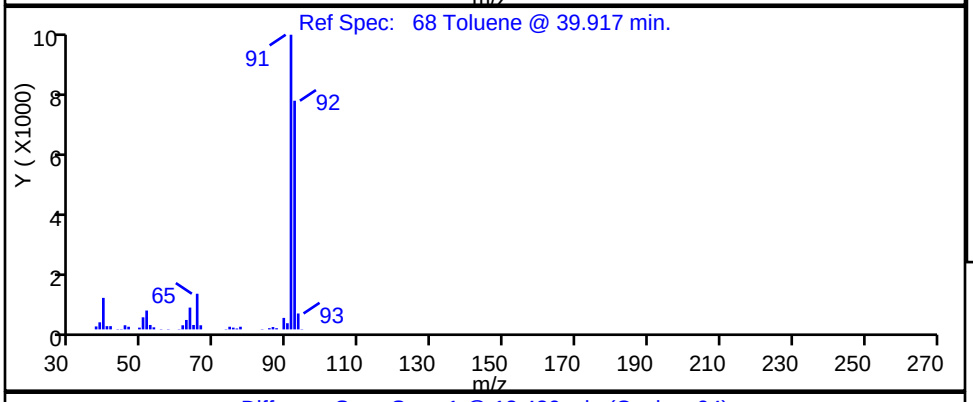
68 Toluene, CAS: 108-88-3

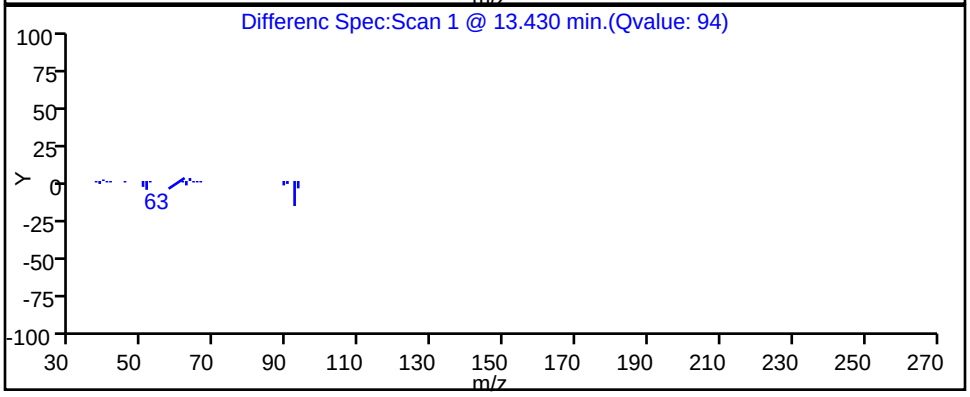












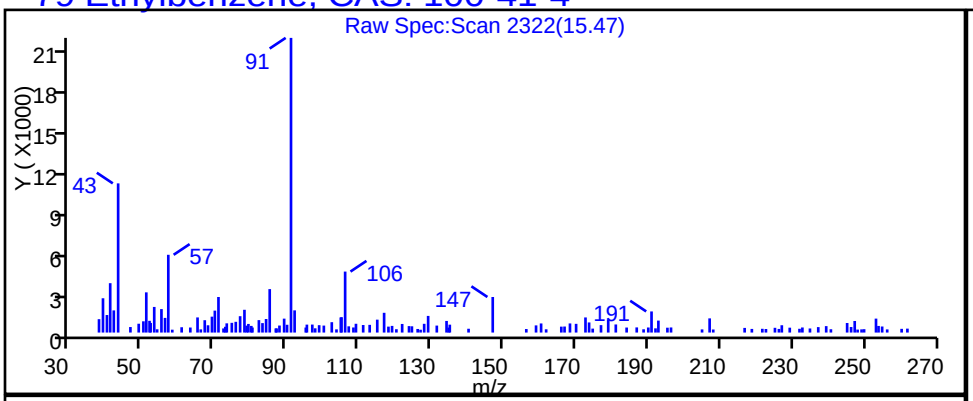
Report Date: 02-Feb-2015 08:44:39 Chrom Revision: 2.2 15-Jan-2015 13:05:58

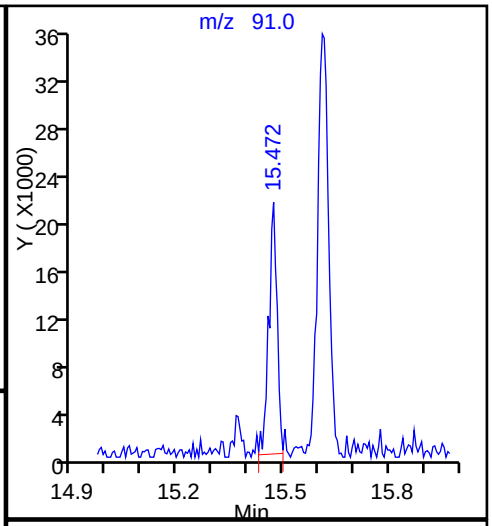
TestAmerica Burlington

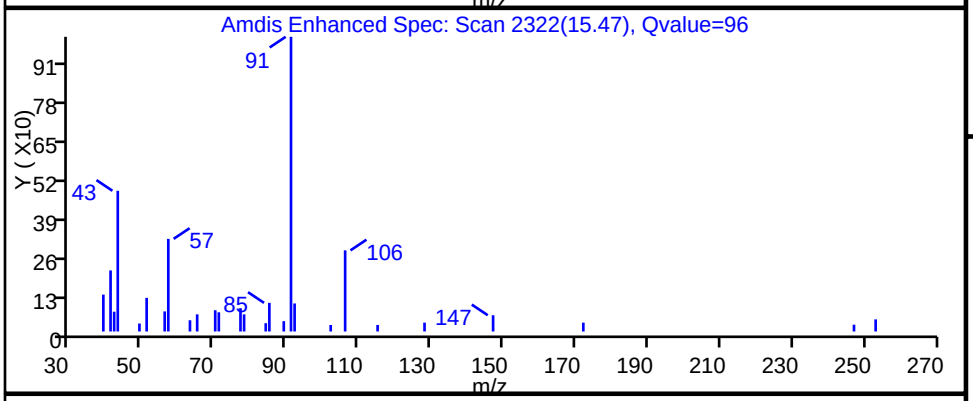
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D

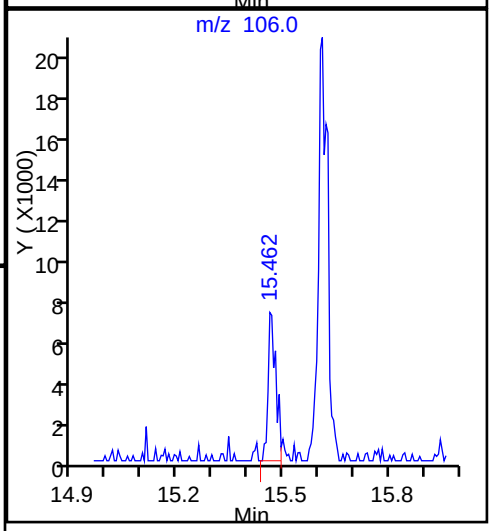
Injection Date:	30-Jan-2015 04:49:30	Instrument ID:	CHB.i
Lims ID:	280-64806-A-28	Lab Sample ID:	200-64806-28
Client ID:	785VMP0501NA		
Operator ID:	pad	ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	4.5500
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

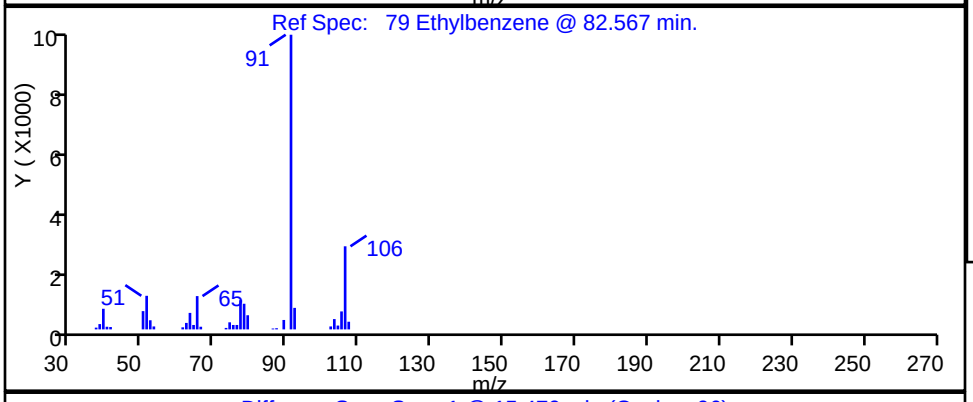
79 Ethylbenzene, CAS: 100-41-4

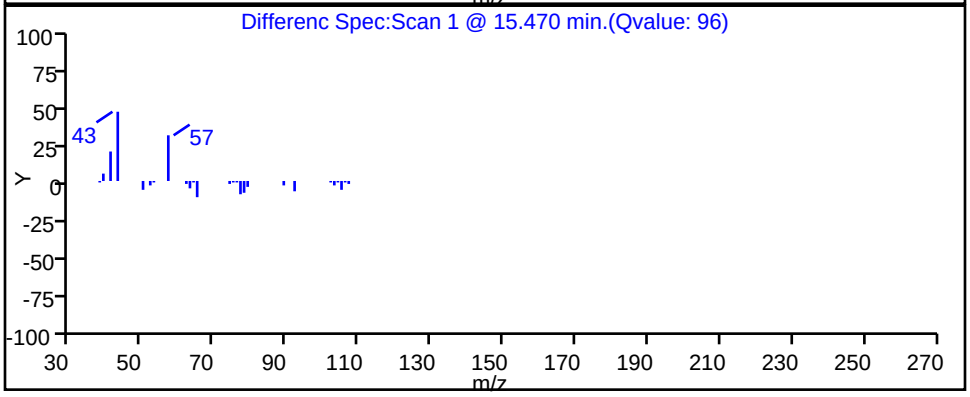










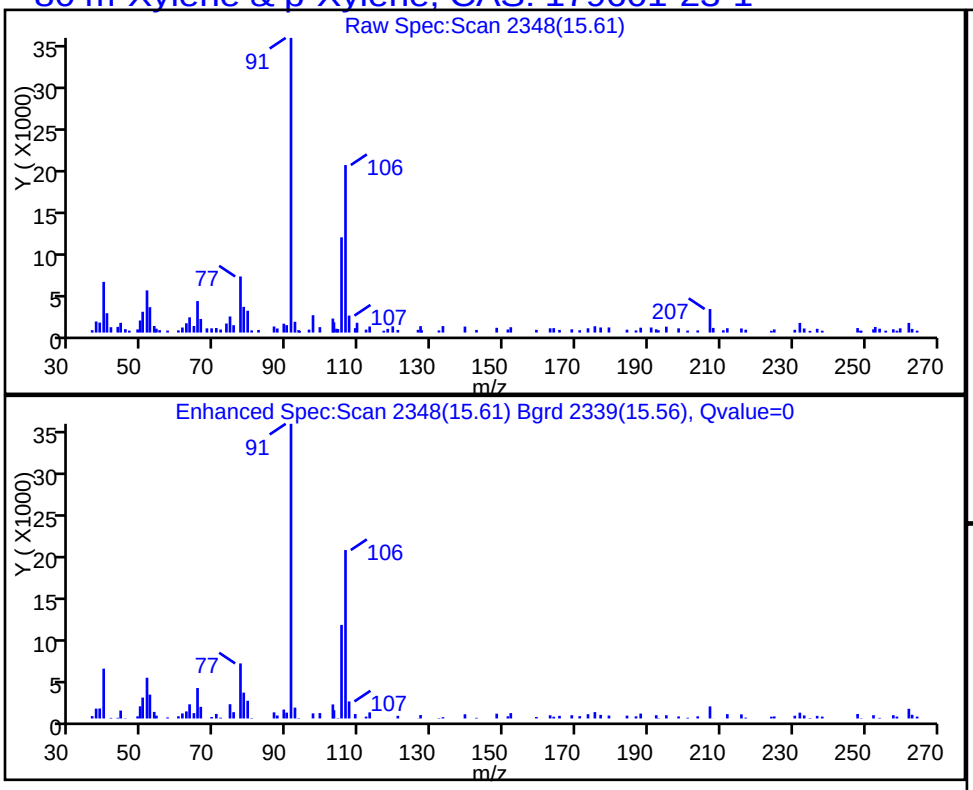


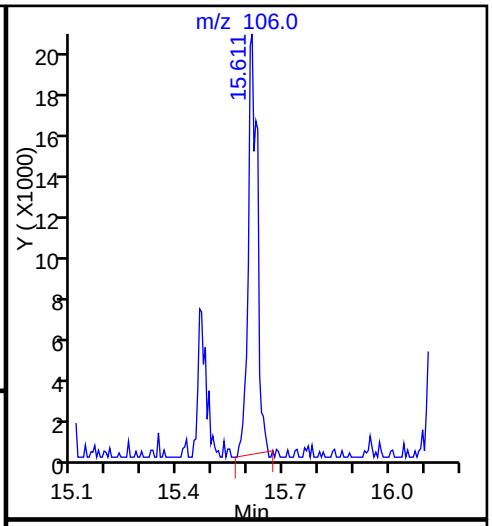
Report Date: 02-Feb-2015 08:44:39 Chrom Revision: 2.2 15-Jan-2015 13:05:58

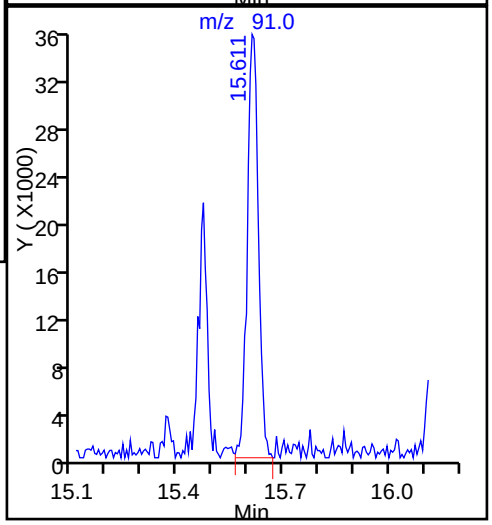
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D				
Injection Date:	30-Jan-2015 04:49:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-28	Lab Sample ID:	200-64806-28		
Client ID:	785VMP0501NA				
Operator ID:	pad	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	4.5500		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 m-Xylene & p-Xylene, CAS: 179601-23-1



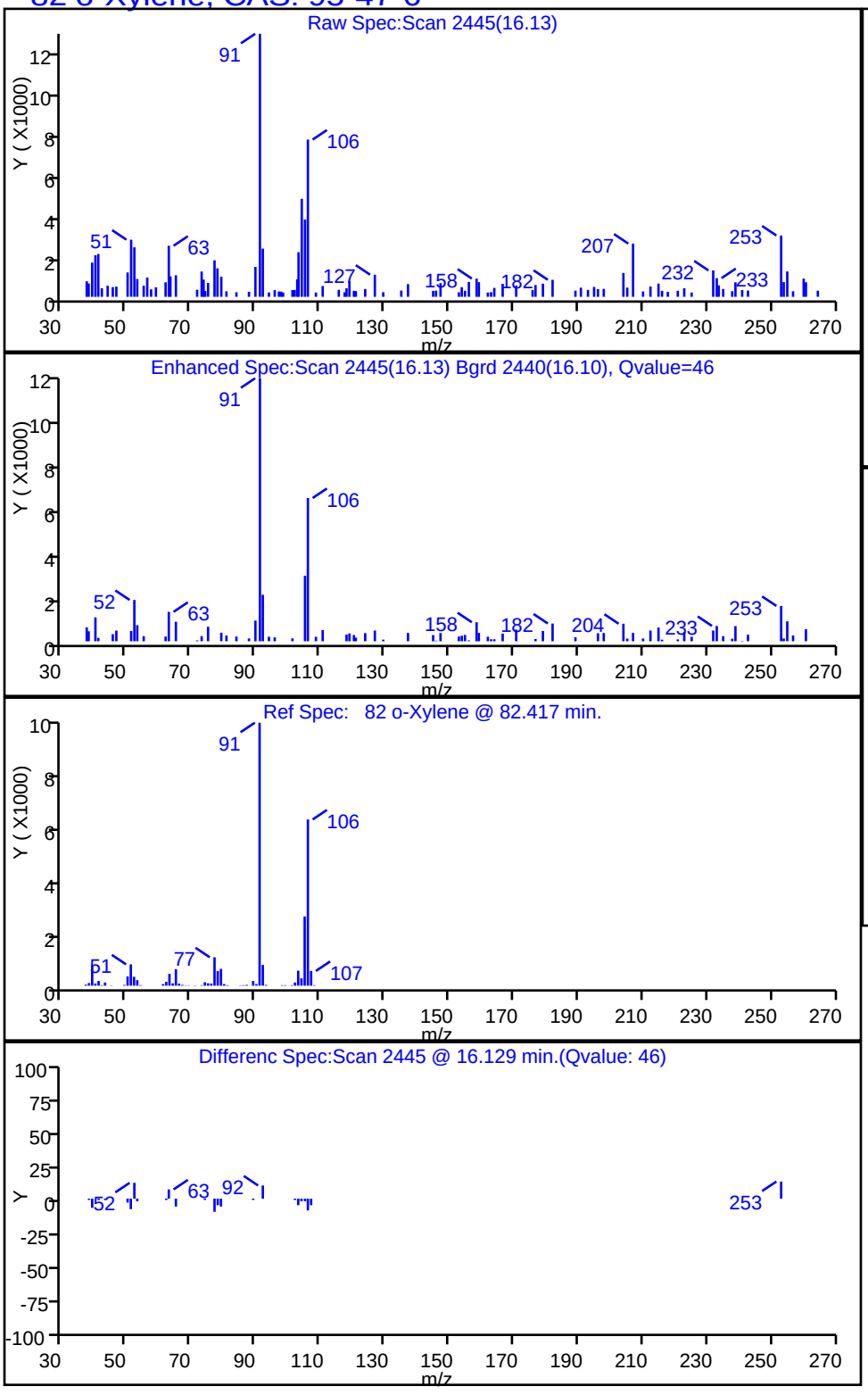


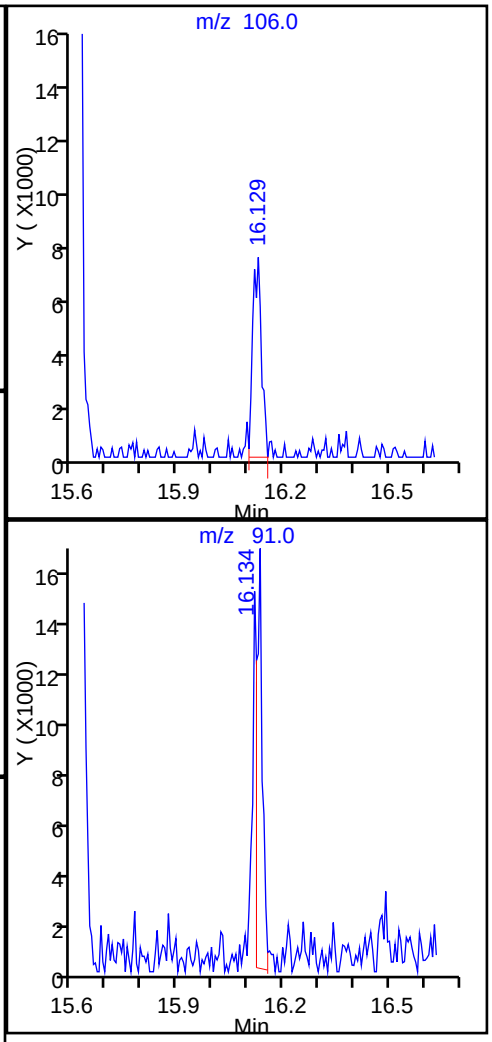


TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D				
Injection Date:	30-Jan-2015 04:49:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-28	Lab Sample ID:	200-64806-28		
Client ID:	785VMP0501NA				
Operator ID:	pad	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	4.5500		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 o-Xylene, CAS: 95-47-6

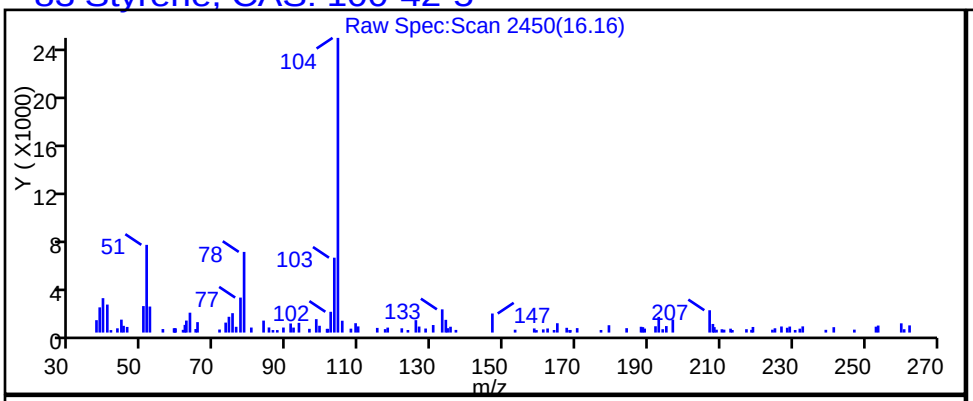


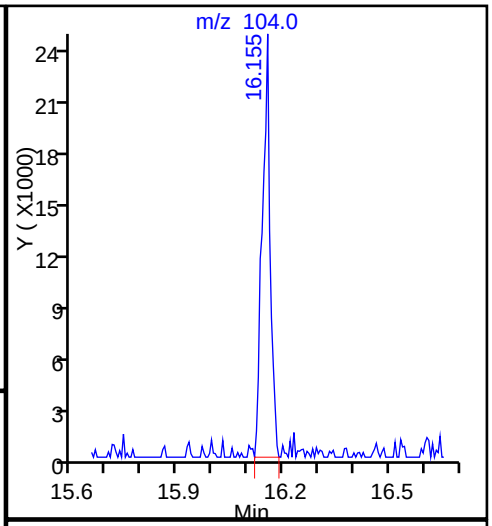


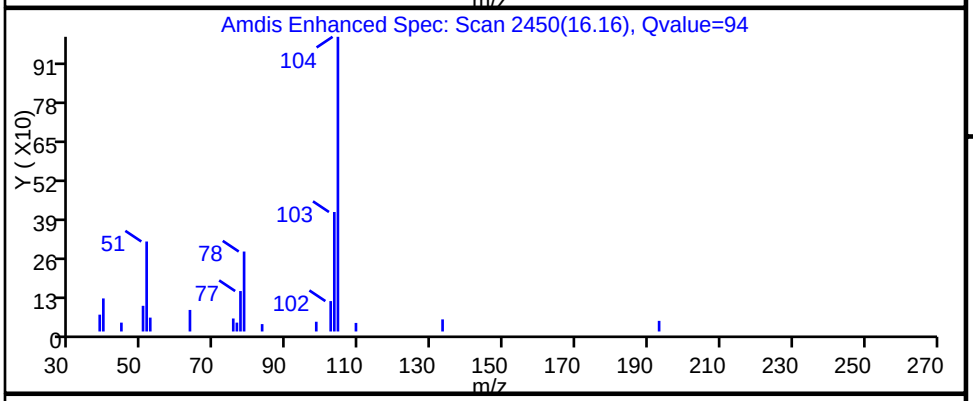
TestAmerica Burlington

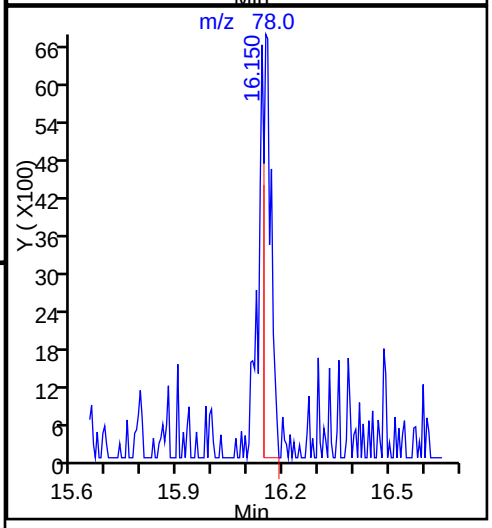
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D				
Injection Date:	30-Jan-2015 04:49:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-28	Lab Sample ID:	200-64806-28		
Client ID:	785VMP0501NA				
Operator ID:	pad	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	4.5500		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

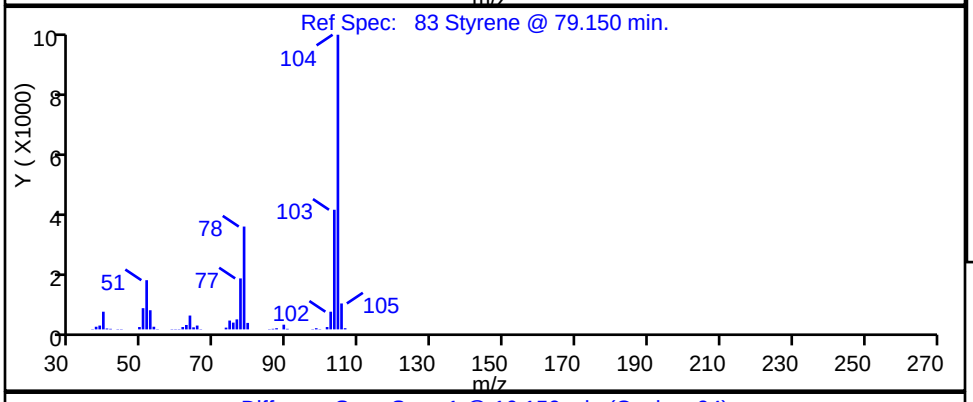
83 Styrene, CAS: 100-42-5

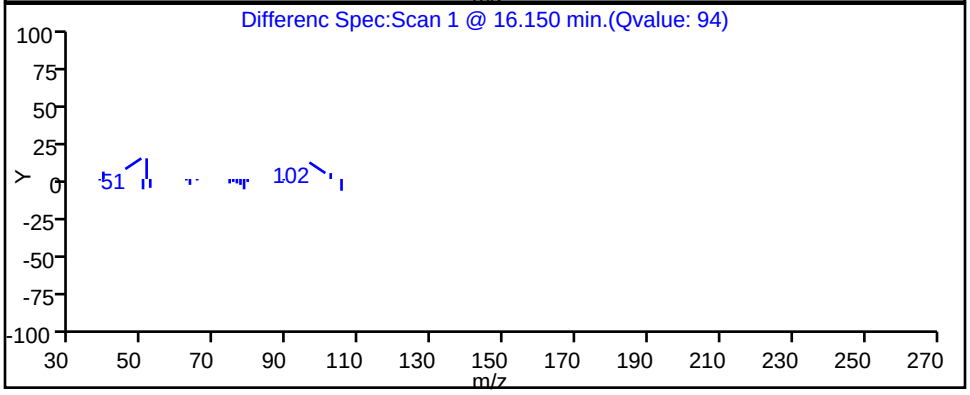






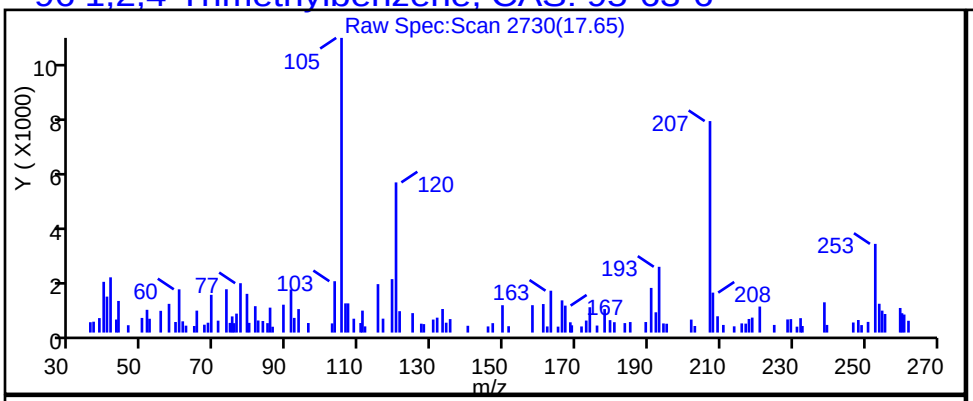


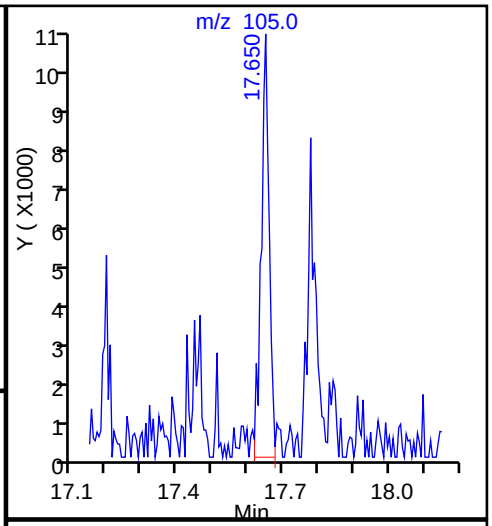


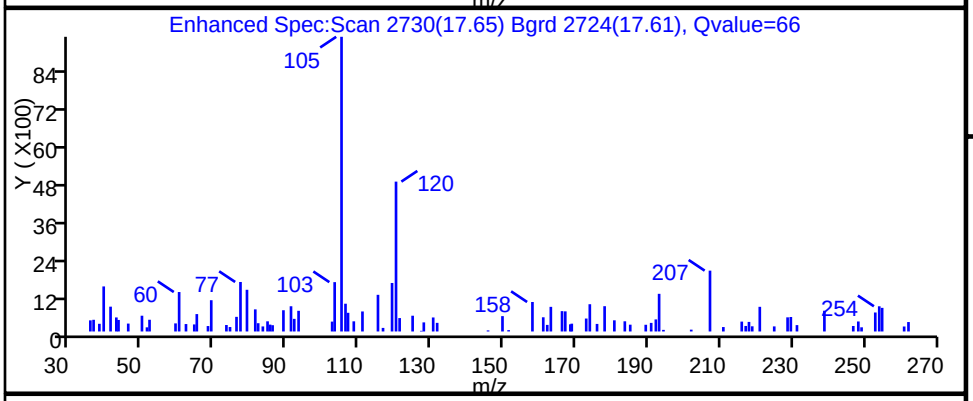


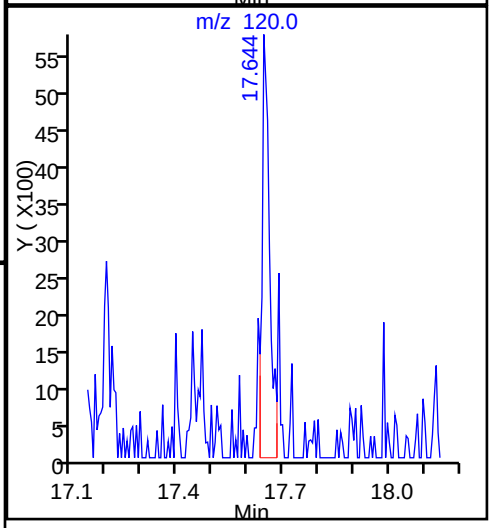
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D
Injection Date: 30-Jan-2015 04:49:30 Instrument ID: CHB.i
Lims ID: 280-64806-A-28 Lab Sample ID: 200-64806-28
Client ID: 785VMP0501NA
Operator ID: pad ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 4.5500
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

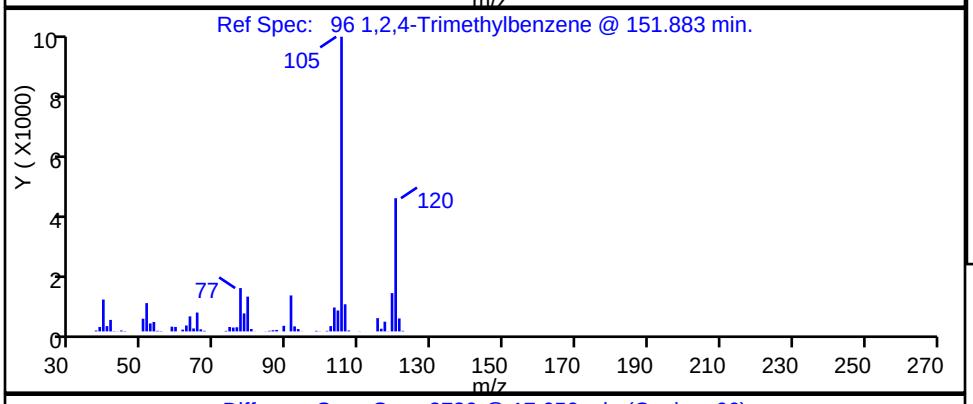
96 1,2,4-Trimethylbenzene, CAS: 95-63-6

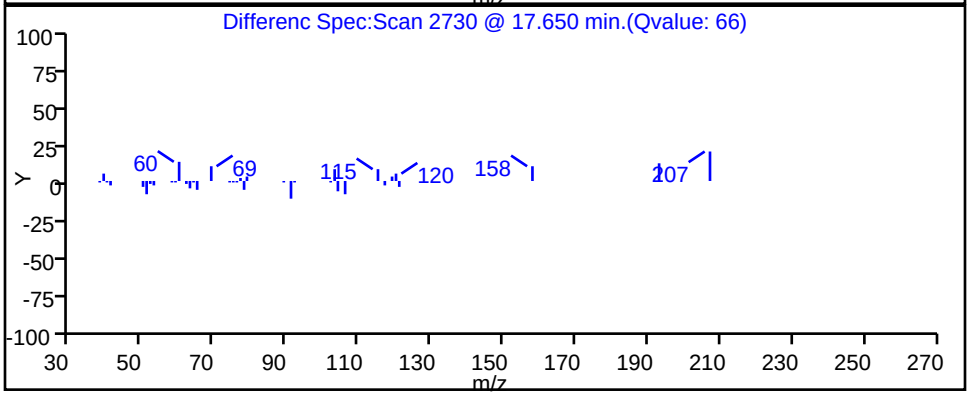












Manual Integration/User Assign Peak Report

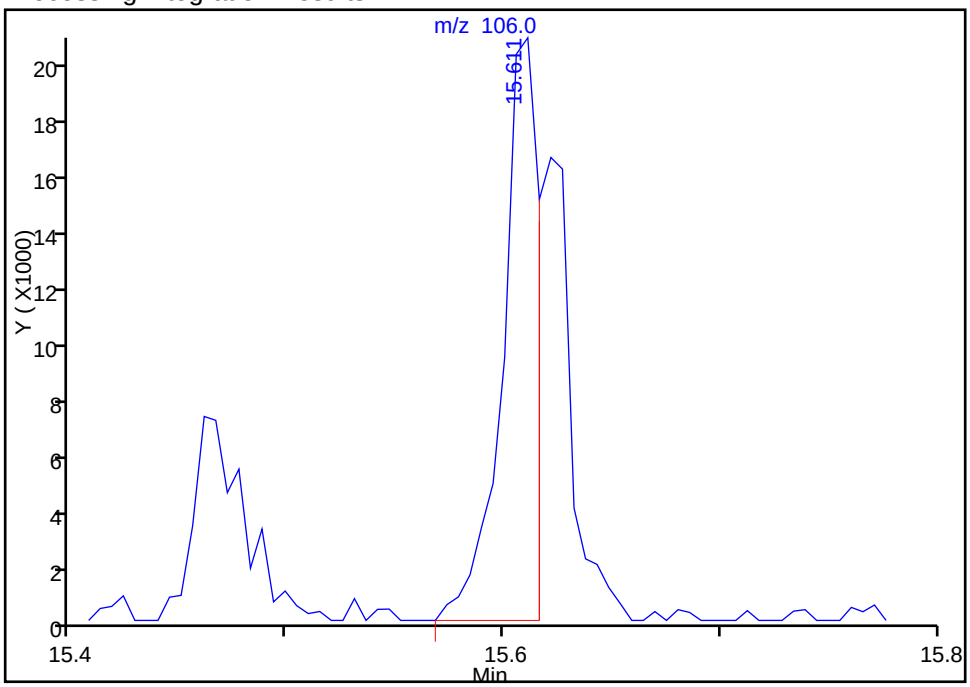
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_22a.D				
Injection Date:	30-Jan-2015 04:49:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-28	Lab Sample ID:	200-64806-28		
Client ID:	785VMP0501NA				
Operator ID:	pad	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	4.5500		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 m-Xylene & p-Xylene, CAS: 179601-23-1

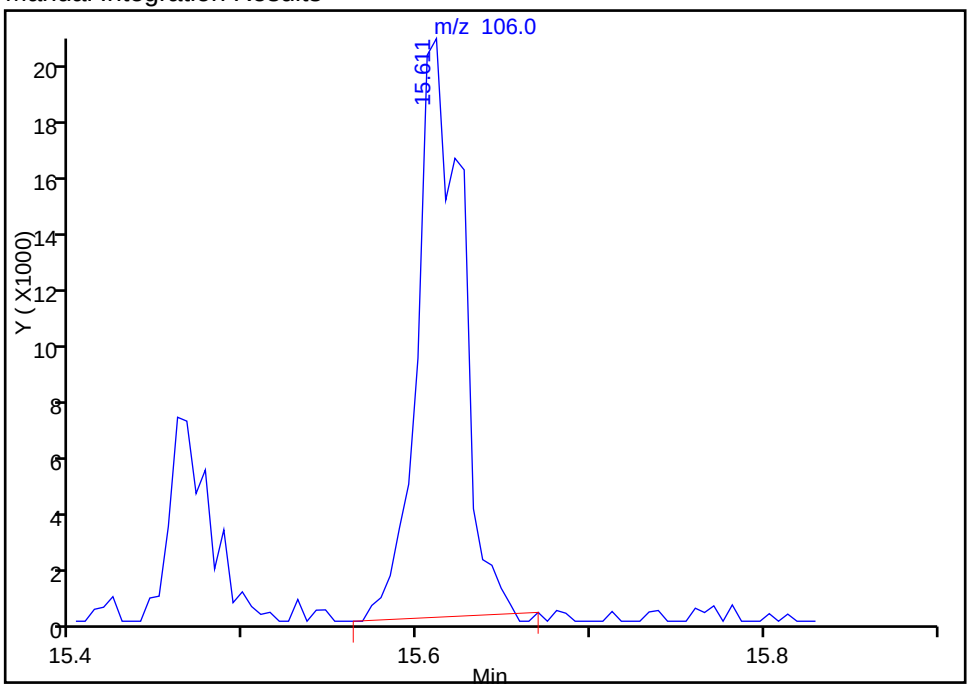
Processing Integration Results

RT: 15.61
Area: 23876
Amount: 0.198892
Amount Units: ppb v/v



Manual Integration Results

RT: 15.61
Area: 36212
Amount: 0.301654
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:04:19
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0401NA Lab Sample ID: 280-64806-29

Matrix: Air Lab File ID: 11879_23a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:25

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 05:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.49	J	0.50	0.056
75-45-6	Freon 22	86.47	0.23	J	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.50	M	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.20	M	0.20	0.045
76-13-1	Freon TF	187.38	0.072	J	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	9.4		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.51	M	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.22	J M	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.29		0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	2.6		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	6.6		5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.072	J	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.20	M	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0401NA Lab Sample ID: 280-64806-29

Matrix: Air Lab File ID: 11879_23a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:25

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 05:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.22	M	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.50		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.094	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.27	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.11	J	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.38		0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.10	J	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0401NA Lab Sample ID: 280-64806-29

Matrix: Air Lab File ID: 11879_23a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:25

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 05:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0401NA Lab Sample ID: 280-64806-29

Matrix: Air Lab File ID: 11879_23a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:25

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 05:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.4	J	2.5	0.28
75-45-6	Freon 22	86.47	0.82	J	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	1.2	M	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.1	M	1.1	0.25
76-13-1	Freon TF	187.38	0.55	J	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	22		12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	1.6	M	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.76	J M	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	1.0		0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	7.6		1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	19		15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.46	J	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.63	M	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0401NA Lab Sample ID: 280-64806-29

Matrix: Air Lab File ID: 11879_23a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:25

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 05:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	1.2	M	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	1.9		0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.41	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	1.2	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.48	J	0.87	0.078
1330-20-7	Xylene (total)	106.17	1.7		0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.51	J	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 785VMP0401NA Lab Sample ID: 280-64806-29

Matrix: Air Lab File ID: 11879_23a.D

Analysis Method: TO-15 Date Collected: 01/26/2015 15:25

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 05:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D
Lims ID: 280-64806-A-29 Lab Sample ID: 200-64806-29
Client ID: 785VMP0401NA
Sample Type: Client
Inject. Date: 30-Jan-2015 05:41:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011879-023
Misc. Info.: 64806-29
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 02-Feb-2015 08:44:11 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: lyonsb Date: 30-Jan-2015 16:08:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
5 Dichlorodifluoromethane	85	3.224	3.218	0.006	98	84818	0.4884	
6 Chlorodifluoromethane	51	3.267	3.261	0.006	96	22754	0.2321	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.448				ND	
8 Chloromethane	50		3.581				ND	
9 Butane	43	3.758	3.763	-0.005	0	40049	0.4962	7M
10 Vinyl chloride	62		3.800				ND	
11 Butadiene	54		3.875				ND	
12 Bromomethane	94		4.579				ND	
14 Chloroethane	64		4.809				ND	
16 Vinyl bromide	106		5.241				ND	
17 Trichlorofluoromethane	101	5.332	5.326	0.006	42	34056	0.1994	M
23 1,1,2-Trichloro-1,2,2-trif	101	6.394	6.372	0.022	34	7990	0.0721	
24 1,1-Dichloroethene	96		6.453				ND	
25 Acetone	43	6.629	6.629	0.000	84	904560	9.38	
26 Isopropyl alcohol	45		6.826				ND	
27 Carbon disulfide	76	6.885	6.885	0.000	99	63698	0.5110	M
29 3-Chloro-1-propene	41		7.173				ND	
31 Methylene Chloride	49	7.445	7.429	0.016	0	13757	0.2187	M
32 2-Methyl-2-propanol	59		7.536				ND	
33 Methyl tert-butyl ether	73		7.765				ND	
34 trans-1,2-Dichloroethene	61		7.840				ND	
36 Hexane	57	8.150	8.150	0.000	90	22607	0.2894	
37 1,1-Dichloroethane	63		8.598				ND	
40 2-Butanone (MEK)	72	9.500	9.495	0.005	98	72165	2.57	
39 cis-1,2-Dichloroethene	96		9.500				ND	
43 Tetrahydrofuran	42	9.868	9.868	0.000	64	415168	6.58	
* 44 Chlorobromomethane	128	9.868	9.874	-0.006	87	554356	10.0	
45 Chloroform	83		9.943				ND	
S 42 1,2-Dichloroethene, Total	61		10.000				ND	
46 Cyclohexane	84		10.199				ND	
47 1,1,1-Trichloroethane	97		10.199				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
48 Carbon tetrachloride	117	10.402	10.391	0.011	51	11816	0.0724	
49 Isooctane	57		10.663				ND	
50 Benzene	78	10.722	10.733	-0.011	33	32757	0.1987	M
51 1,2-Dichloroethane	62		10.839				ND	
52 n-Heptane	43		10.920				ND	
* 54 1,4-Difluorobenzene	114	11.272	11.272	0.000	95	2733814	10.0	
57 Trichloroethene	95	11.635	11.640	-0.005	88	17755	0.2169	M
58 1,2-Dichloropropane	63		12.024				ND	
59 Methyl methacrylate	69		12.051				ND	
60 1,4-Dioxane	88		12.147				ND	
62 Dichlorobromomethane	83		12.377				ND	
64 cis-1,3-Dichloropropene	75		13.006				ND	
65 4-Methyl-2-pentanone (MIBK	43		13.150				ND	
68 Toluene	92	13.433	13.433	0.000	91	62421	0.5022	
70 trans-1,3-Dichloropropene	75		13.796				ND	
71 1,1,2-Trichloroethane	83		14.074				ND	
72 Tetrachloroethene	166		14.191				ND	
73 2-Hexanone	43		14.324				ND	
74 Chlorodibromomethane	129		14.618				ND	
75 Ethylene Dibromide	107		14.821				ND	
* 76 Chlorobenzene-d5	117	15.371	15.371	0.000	87	2396067	10.0	
77 Chlorobenzene	112		15.408				ND	
79 Ethylbenzene	91	15.472	15.472	0.000	96	28117	0.0935	
80 m-Xylene & p-Xylene	106	15.616	15.616	0.000	0	31312	0.2726	
S 81 Xylenes, Total	106				0		0.3836	
82 o-Xylene	106	16.123	16.128	-0.005	90	12454	0.1110	
83 Styrene	104		16.150				ND	
84 Bromoform	173		16.449				ND	
85 Isopropylbenzene	105		16.529				ND	
$ 86 4-Bromofluorobenzene	95	16.790	16.795	-0.005	94	1673925	NC	
87 1,1,2,2-Tetrachloroethane	83		16.945				ND	
88 N-Propylbenzene	91		17.009				ND	
91 4-Ethyltoluene	105		17.132				ND	
92 2-Chlorotoluene	91		17.180				ND	
93 1,3,5-Trimethylbenzene	105		17.196				ND	
95 tert-Butylbenzene	119		17.580				ND	
96 1,2,4-Trimethylbenzene	105	17.650	17.649	0.001	95	32253	0.1046	
97 sec-Butylbenzene	105		17.842				ND	
98 4-Isopropyltoluene	119		17.991				ND	
99 1,3-Dichlorobenzene	146		18.076				ND	
100 1,4-Dichlorobenzene	146		18.188				ND	
101 Benzyl chloride	91		18.349				ND	
103 n-Butylbenzene	91		18.509				ND	
104 1,2-Dichlorobenzene	146		18.690				ND	
107 1,2,4-Trichlorobenzene	180		21.102				ND	
108 Hexachlorobutadiene	225		21.262				ND	
109 Naphthalene	128		21.609				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

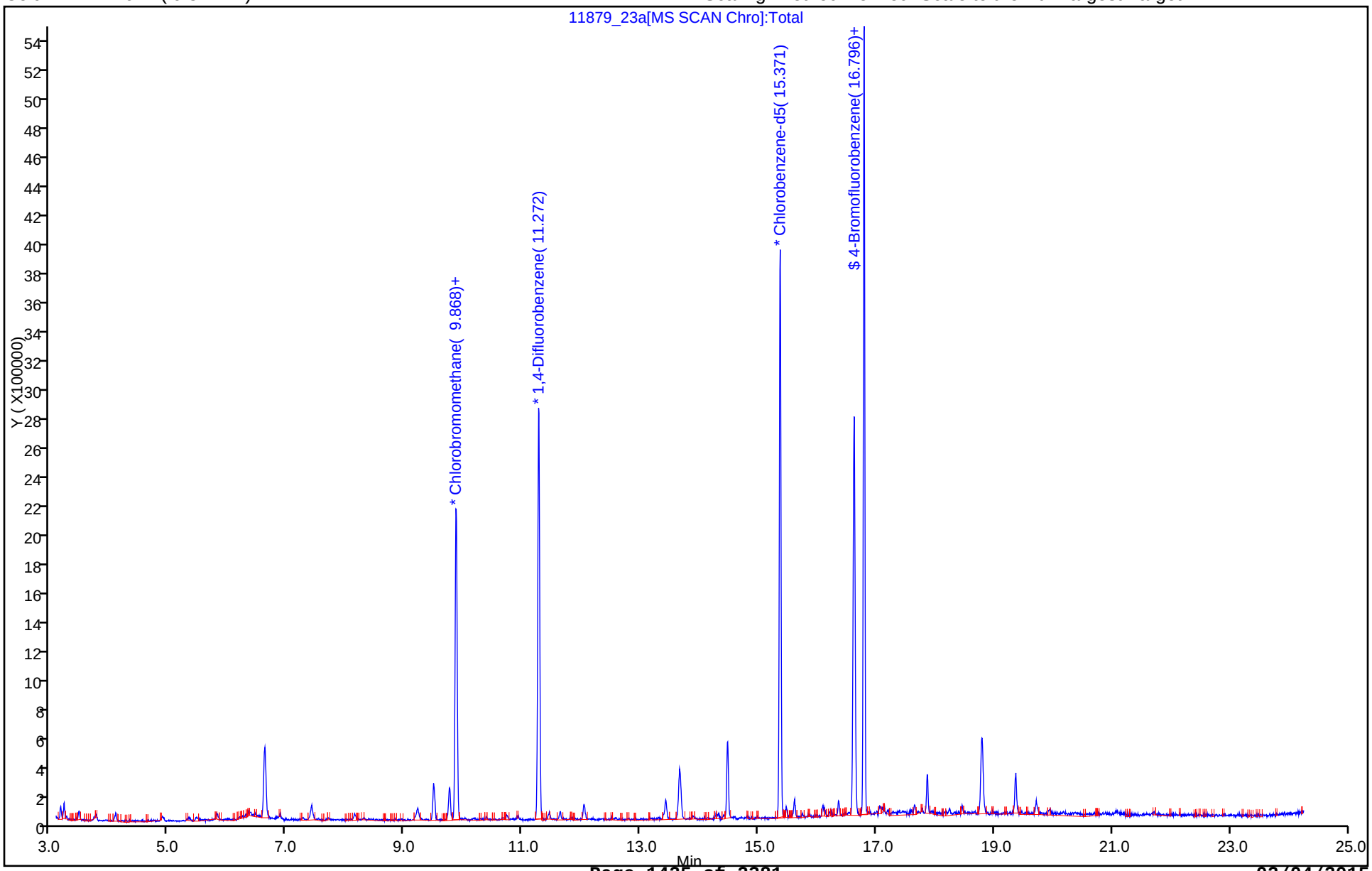
Report Date: 02-Feb-2015 08:44:40 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D

Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29	Worklist Smp#:	23
Client ID:	785VMP0401NA				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



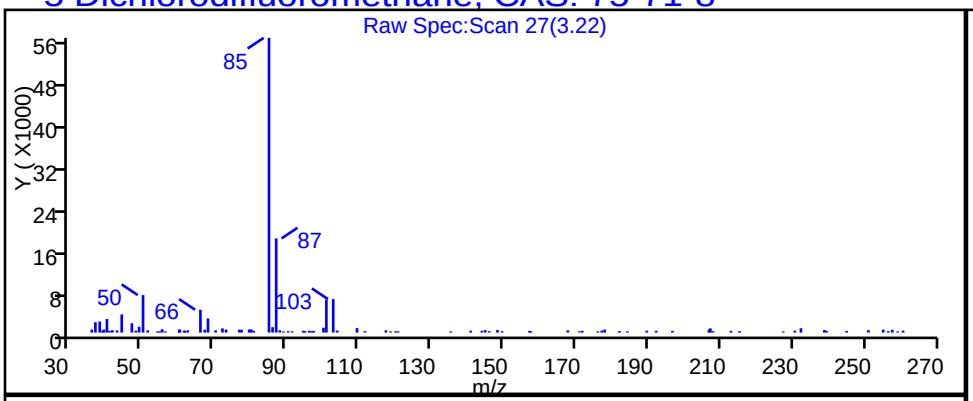
Report Date: 02-Feb-2015 08:44:40 Chrom Revision: 2.2 15-Jan-2015 13:05:58

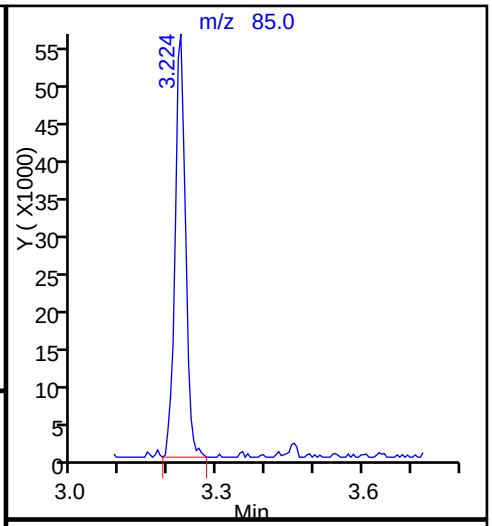
TestAmerica Burlington

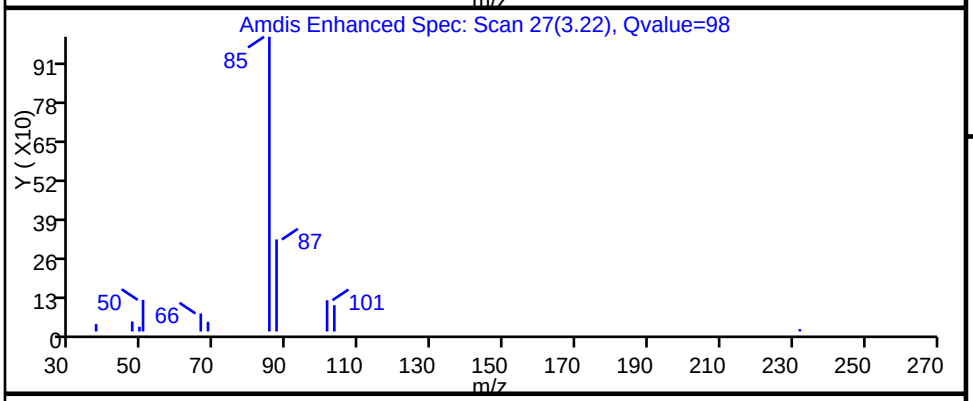
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D

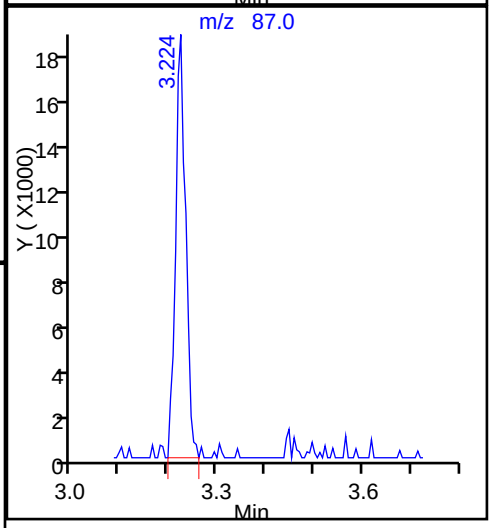
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

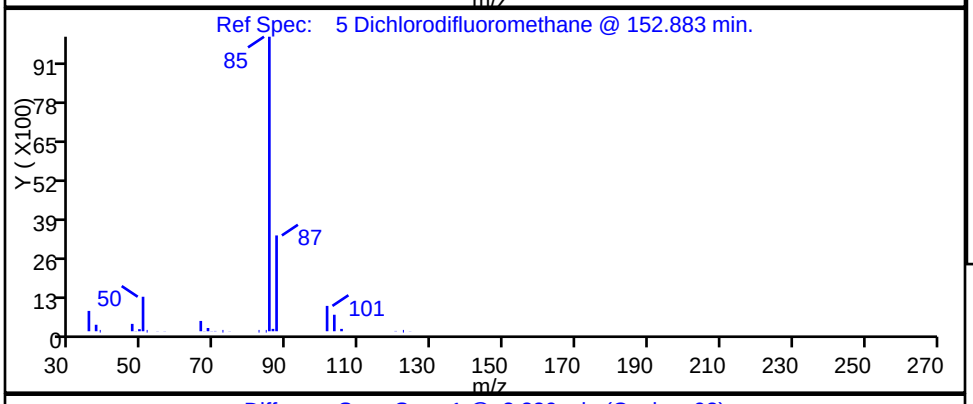
5 Dichlorodifluoromethane, CAS: 75-71-8

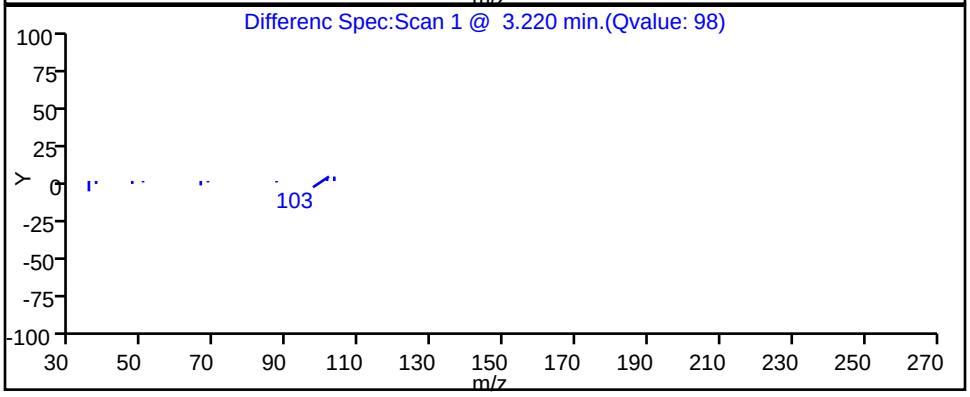










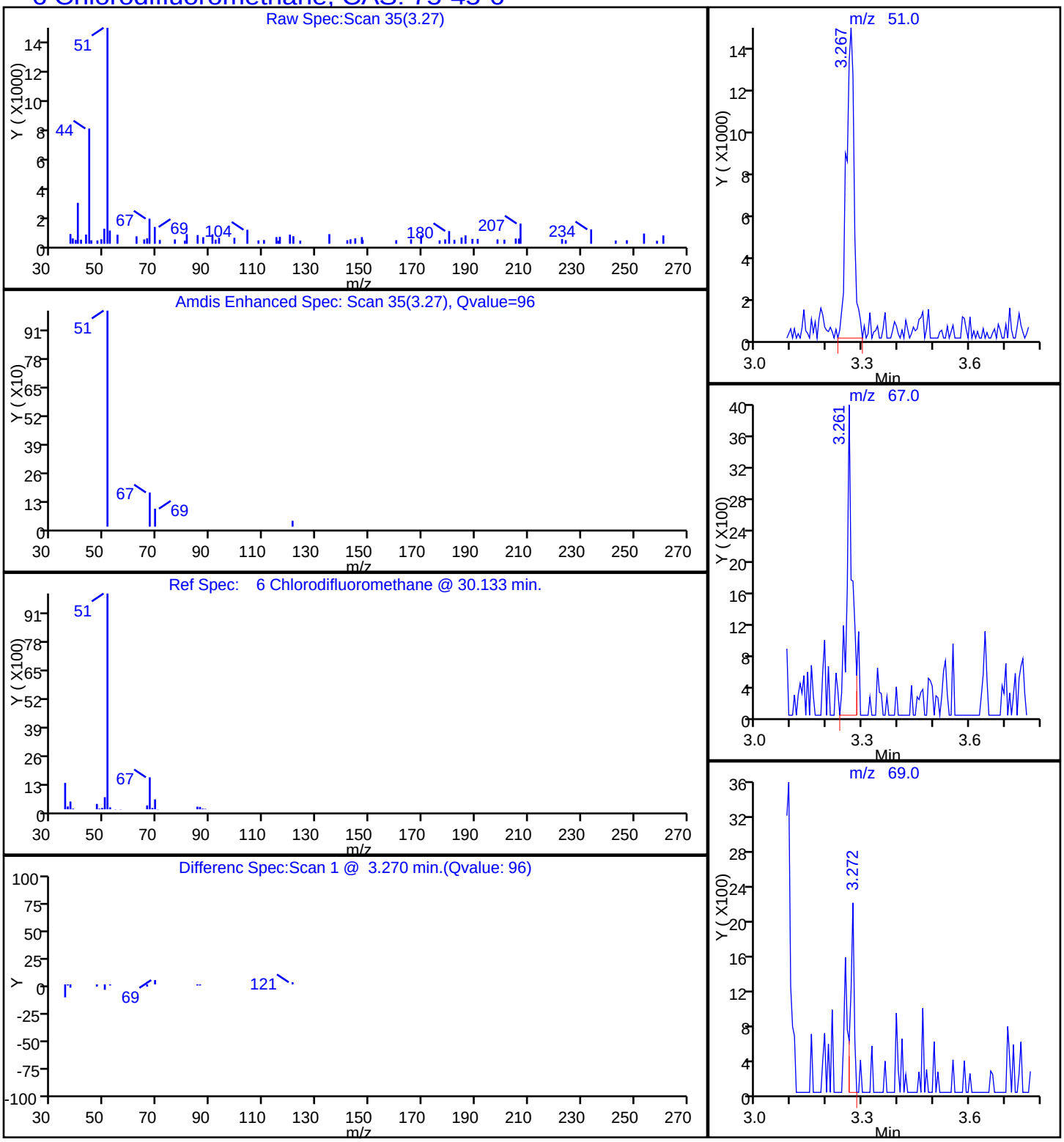


Report Date: 02-Feb-2015 08:44:40 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

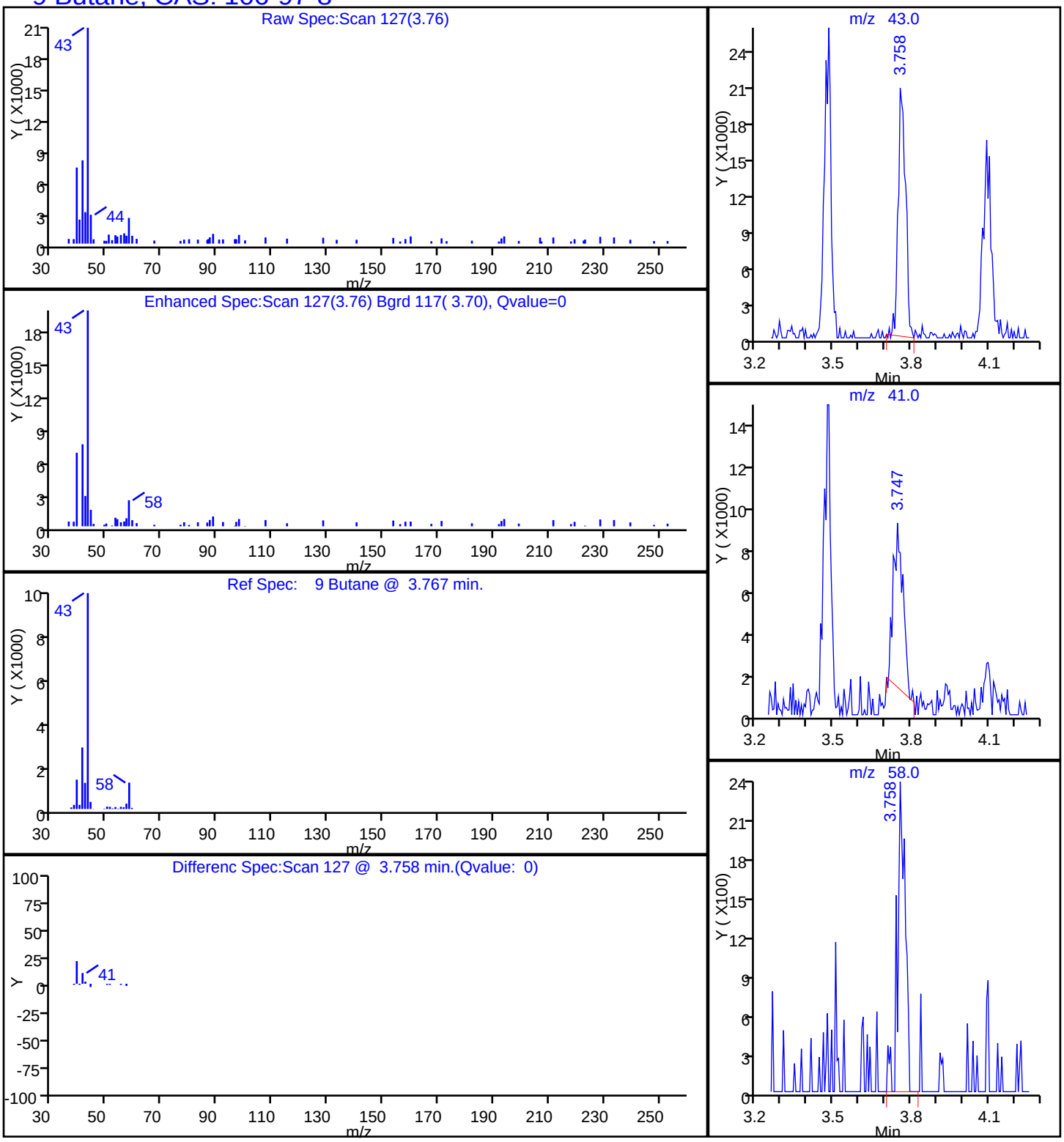
6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

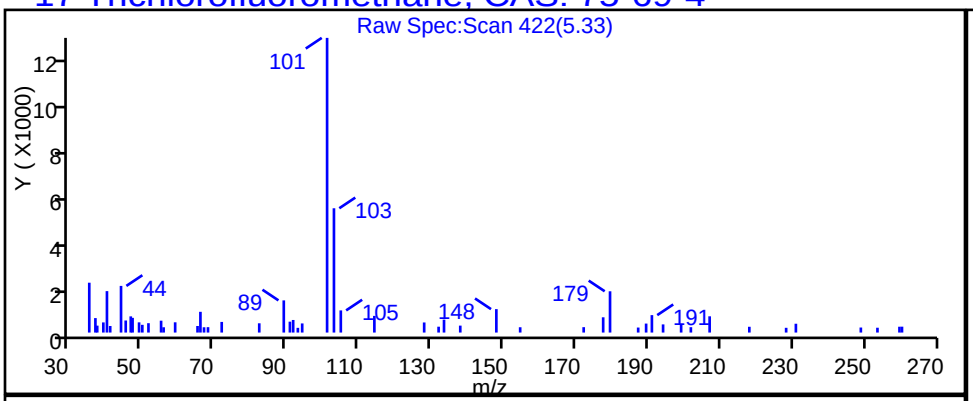
9 Butane, CAS: 106-97-8

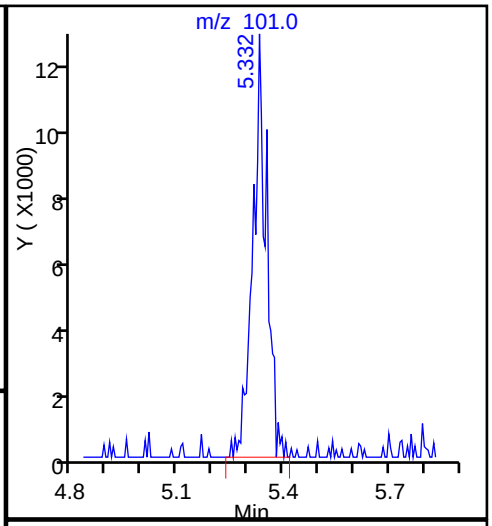


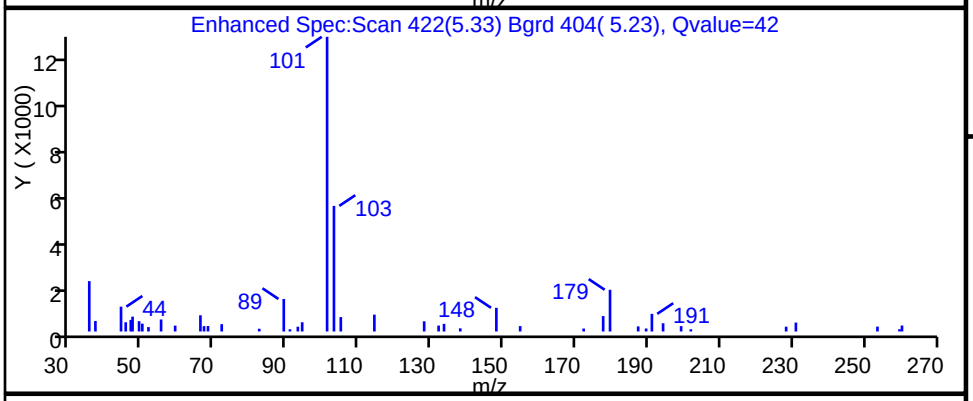
TestAmerica Burlington

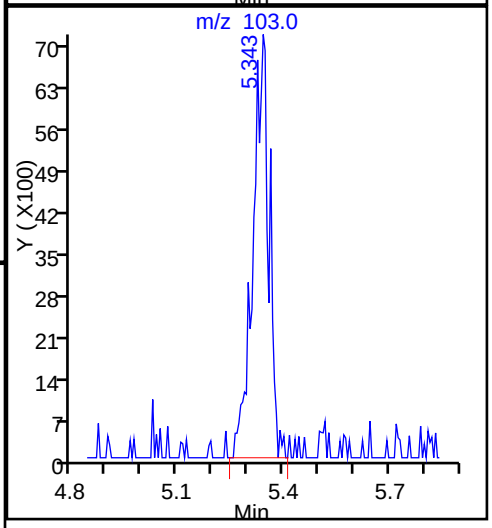
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

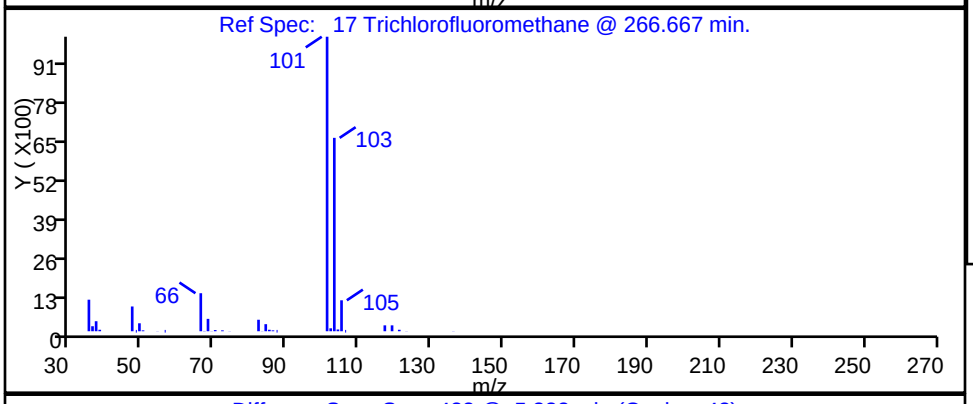
17 Trichlorofluoromethane, CAS: 75-69-4

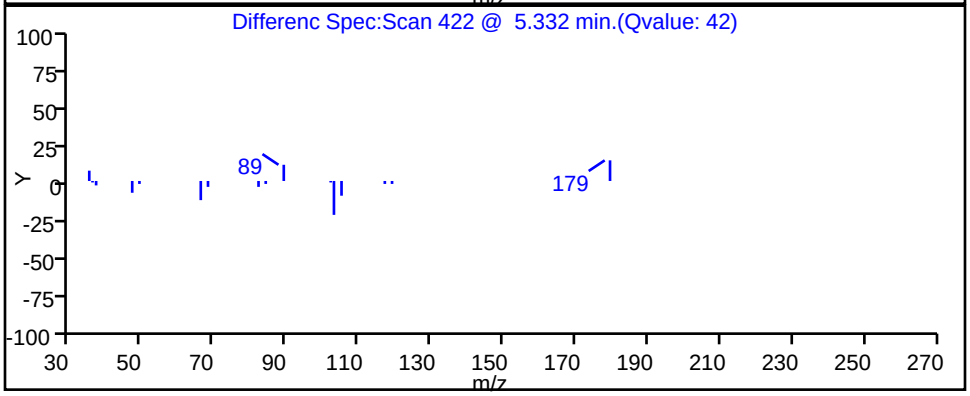










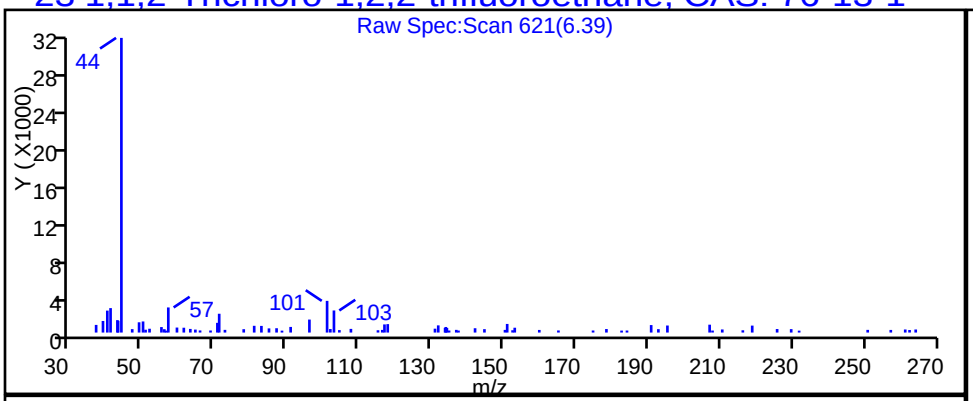


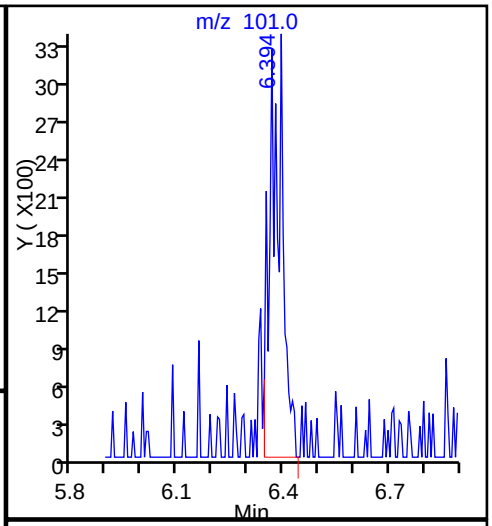
Report Date: 02-Feb-2015 08:44:40 Chrom Revision: 2.2 15-Jan-2015 13:05:58

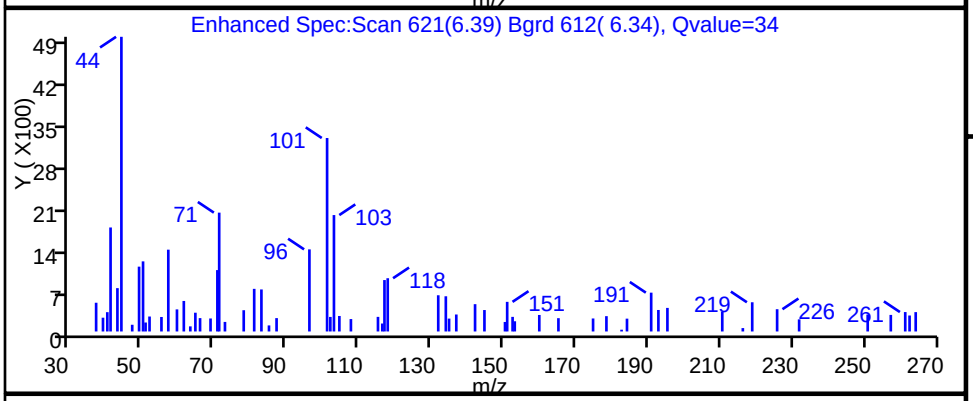
TestAmerica Burlington

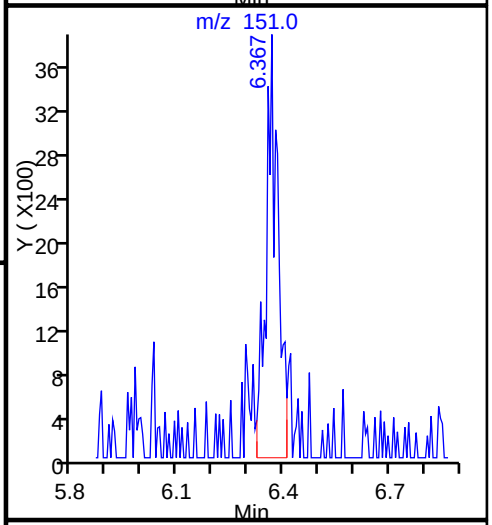
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

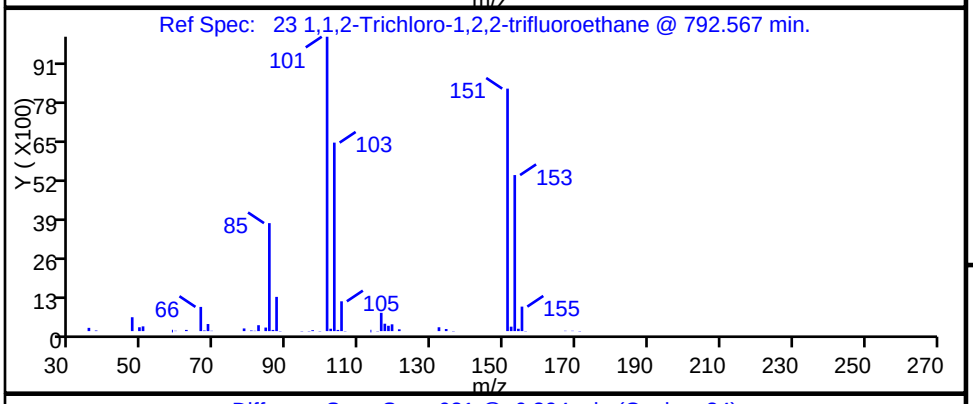
23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

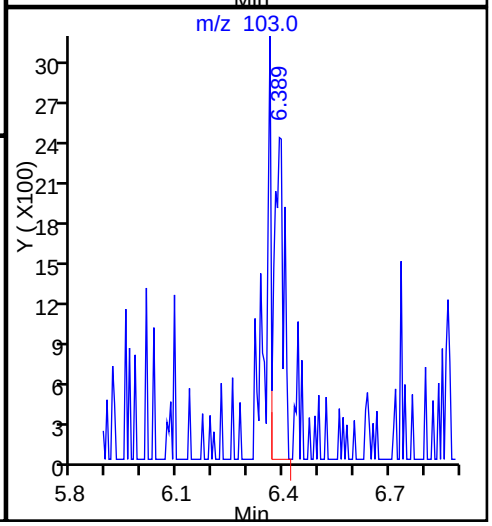


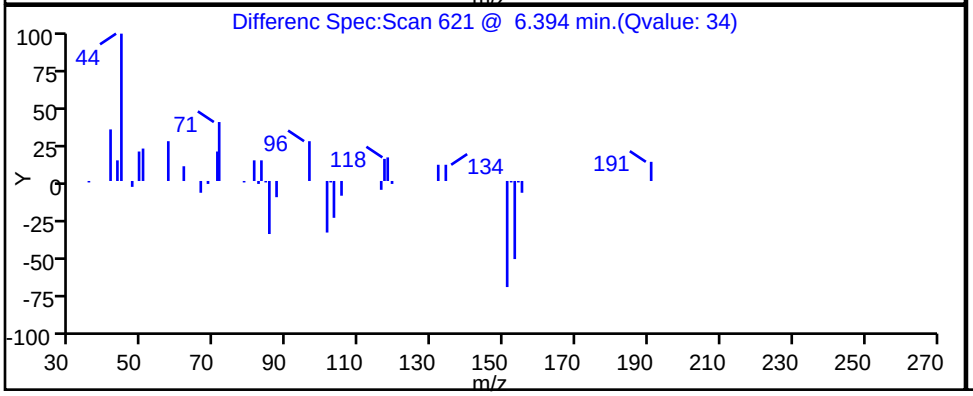








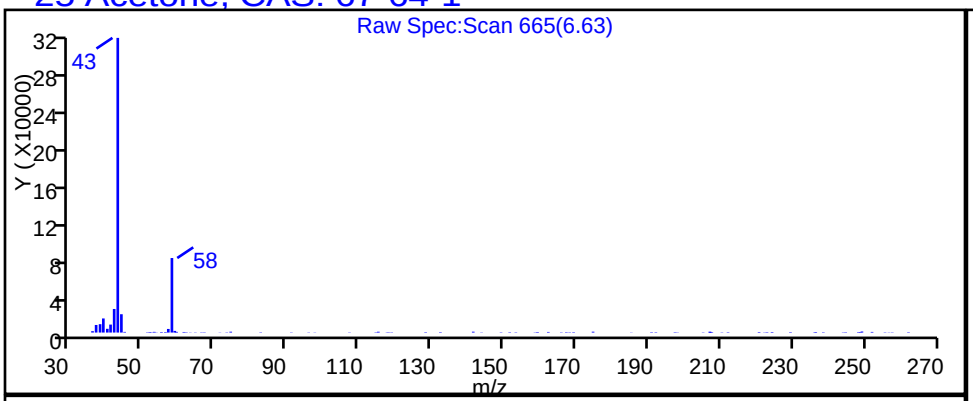


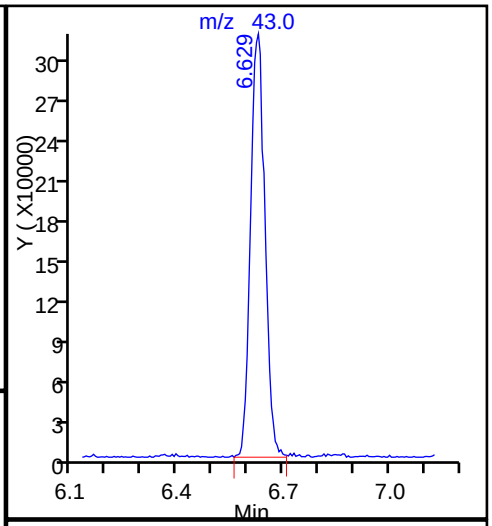


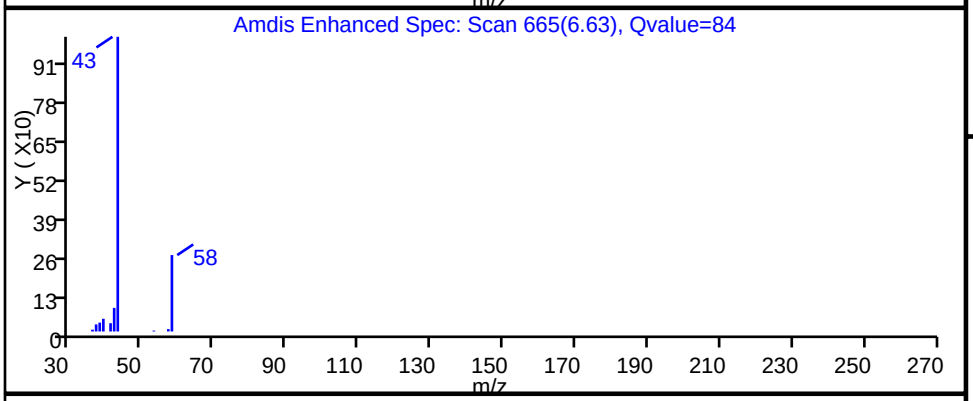
TestAmerica Burlington

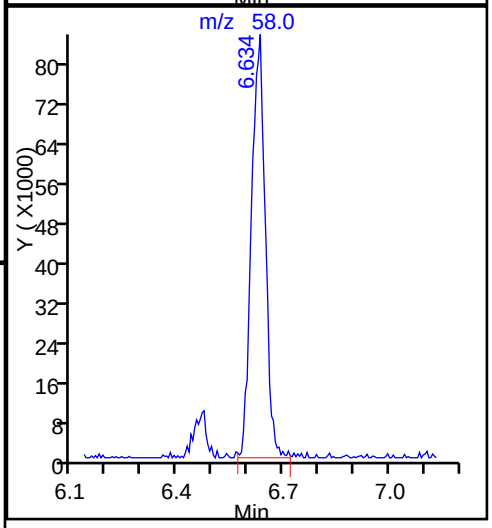
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

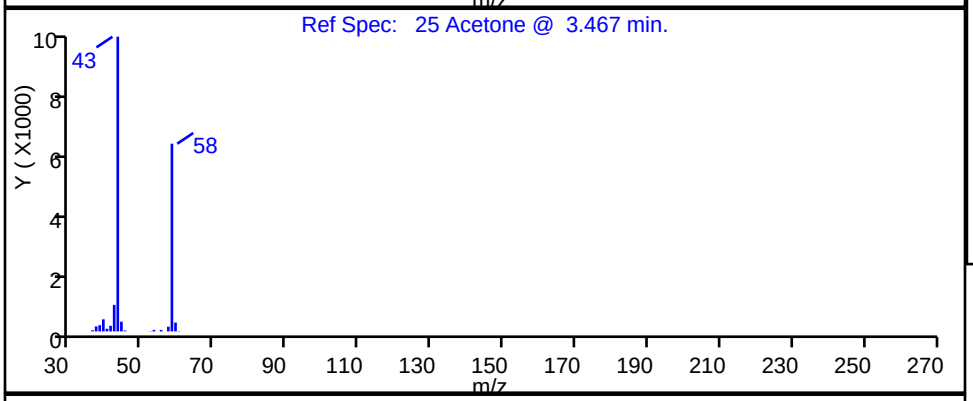
25 Acetone, CAS: 67-64-1

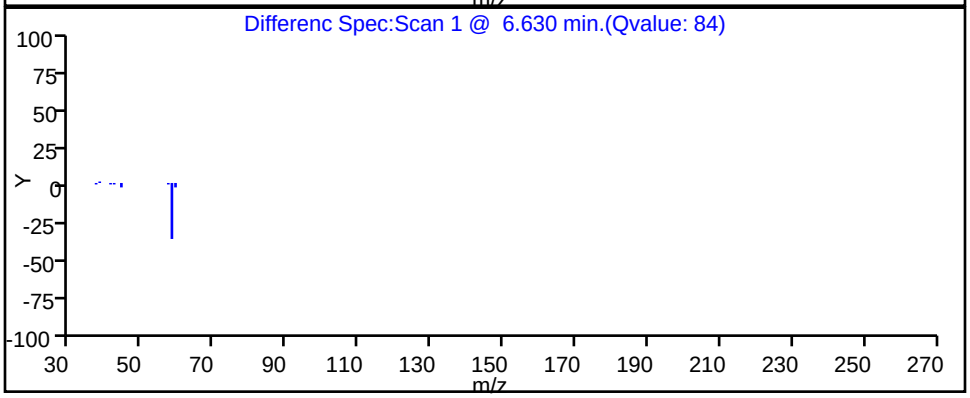










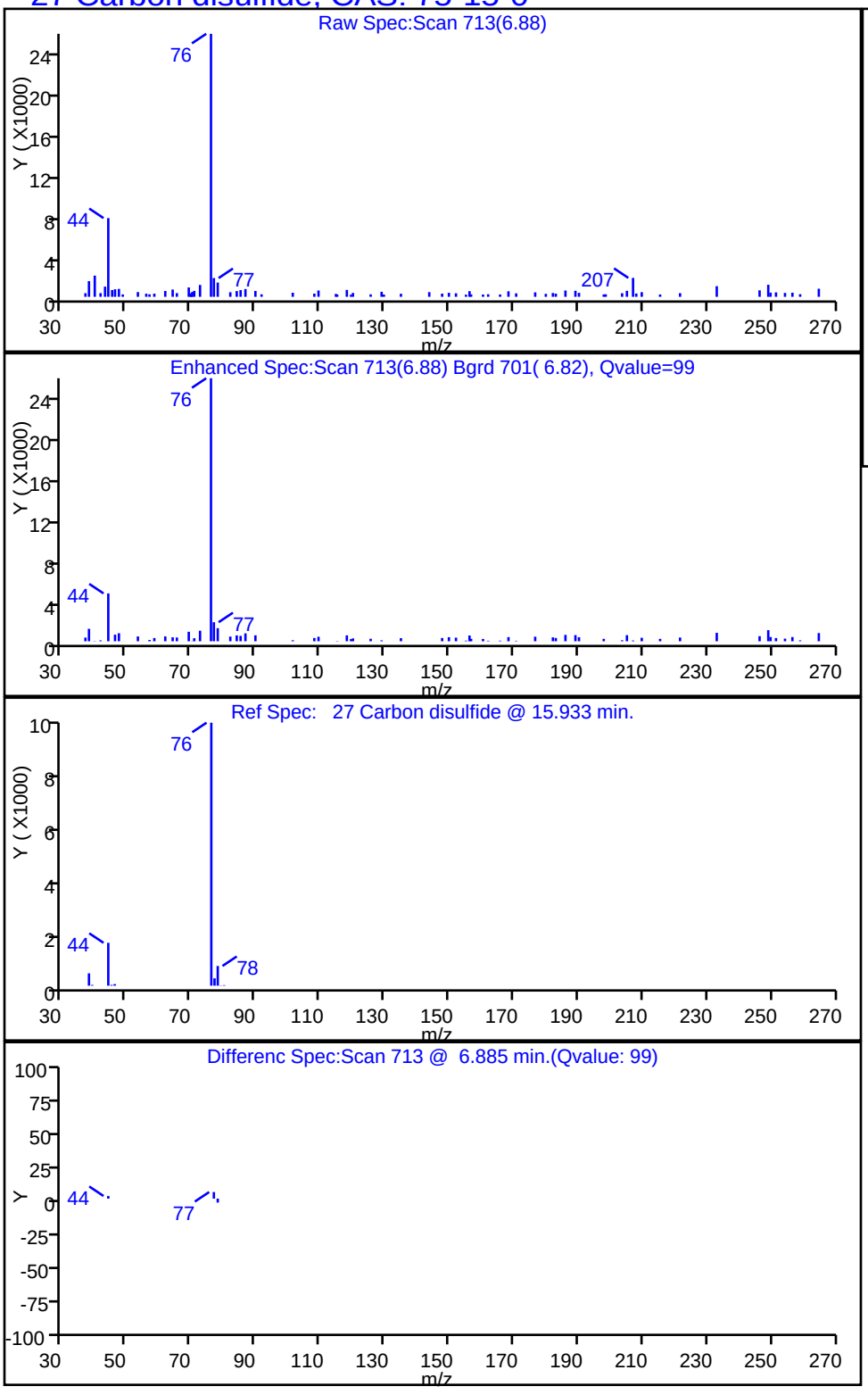


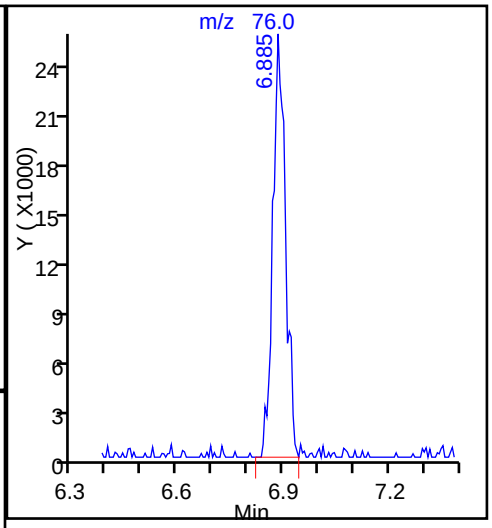
Report Date: 02-Feb-2015 08:44:40 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Carbon disulfide, CAS: 75-15-0





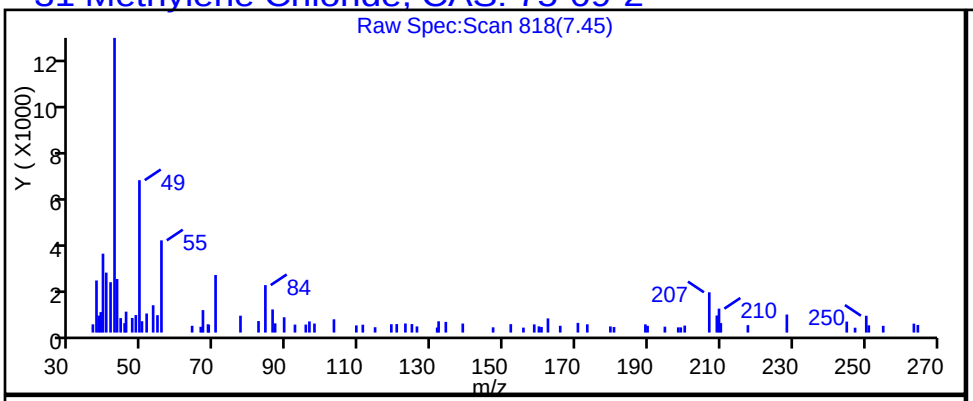
Report Date: 02-Feb-2015 08:44:40 Chrom Revision: 2.2 15-Jan-2015 13:05:58

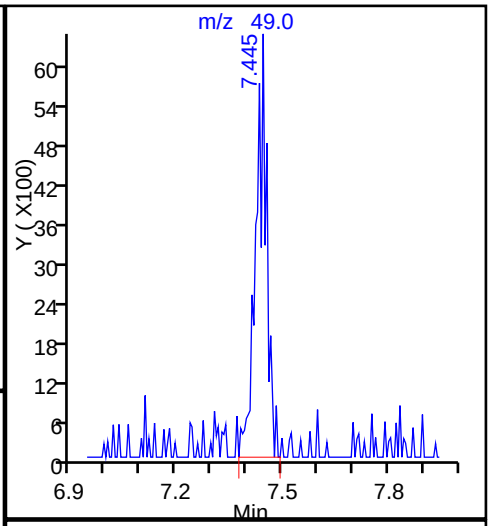
TestAmerica Burlington

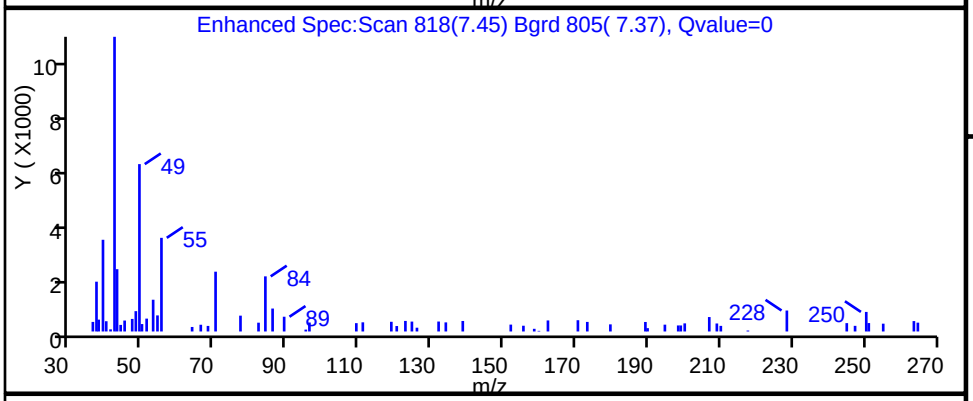
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D

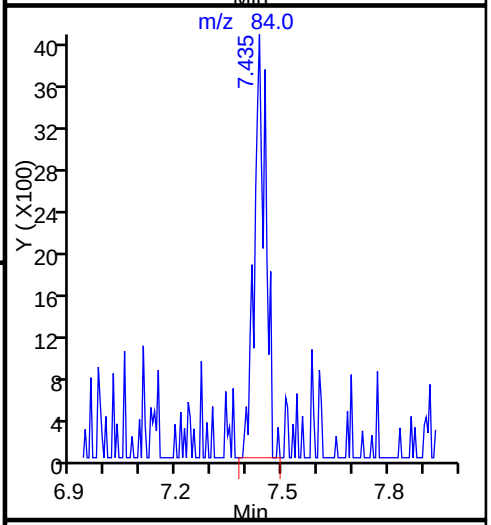
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

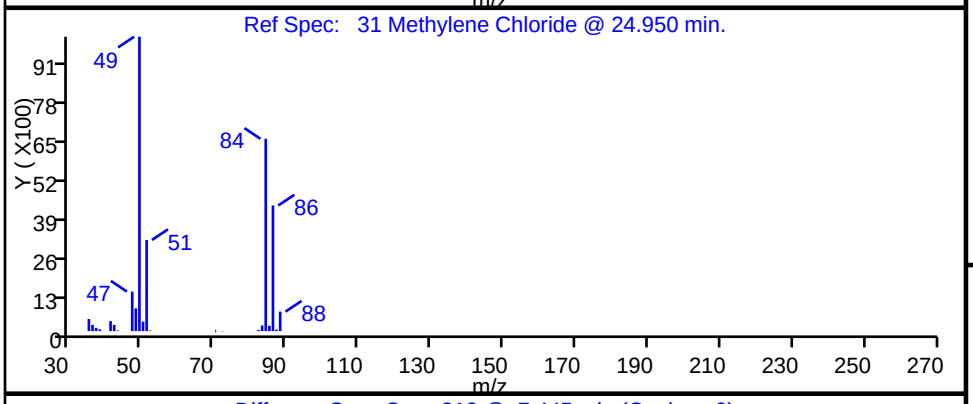
31 Methylene Chloride, CAS: 75-09-2

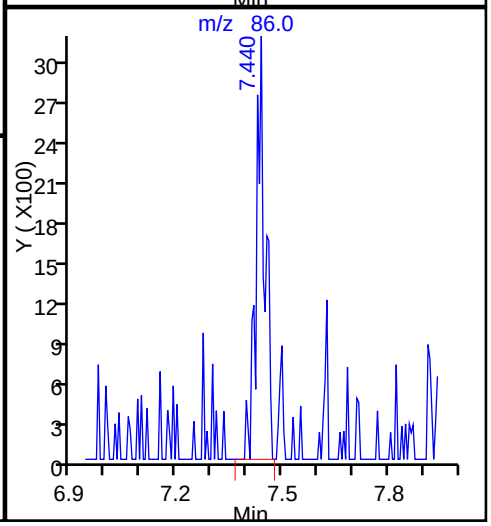


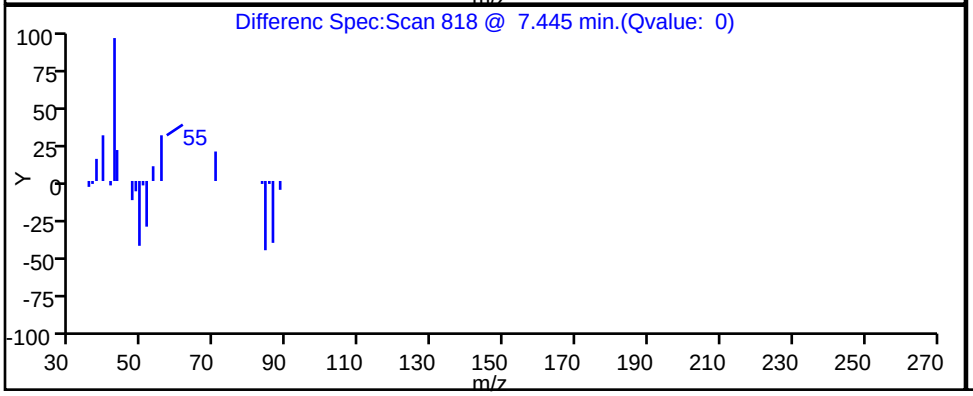












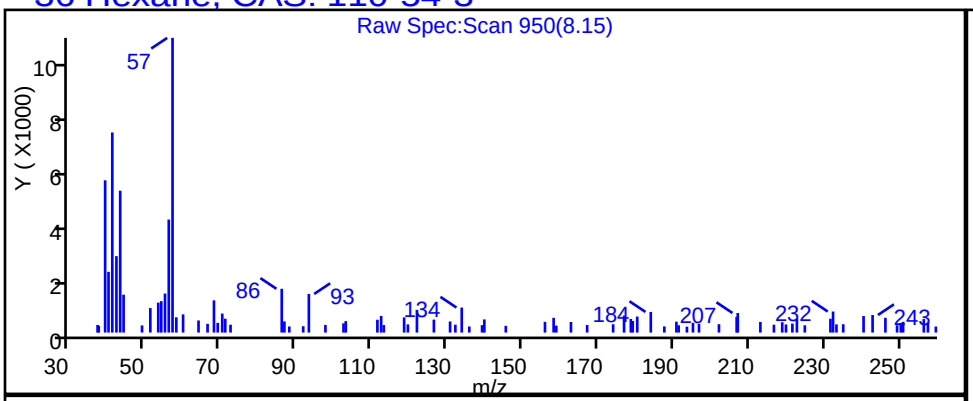
Report Date: 02-Feb-2015 08:44:40 Chrom Revision: 2.2 15-Jan-2015 13:05:58

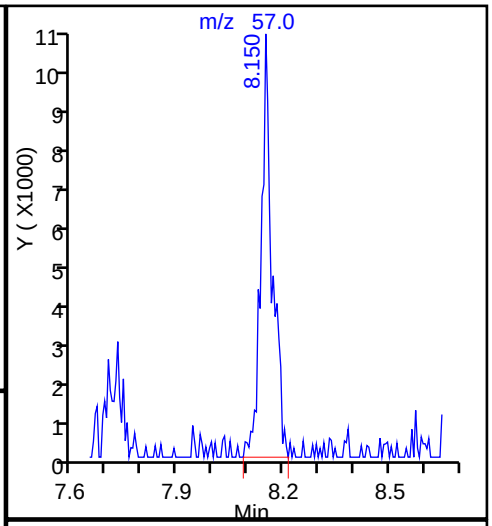
TestAmerica Burlington

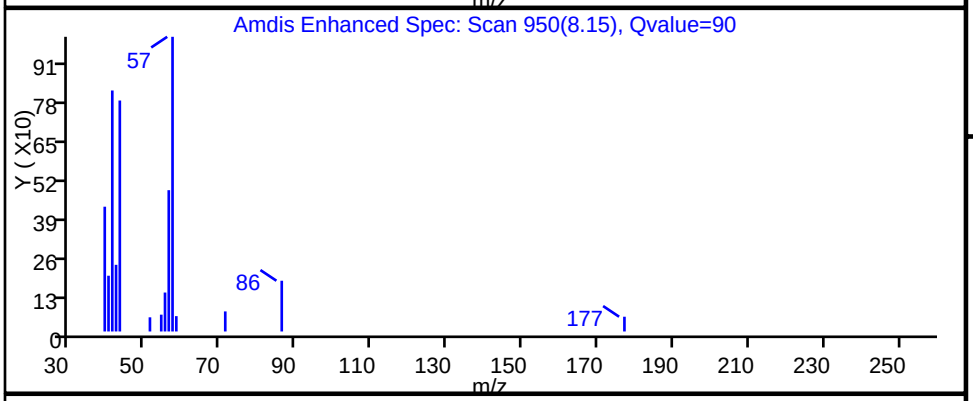
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D

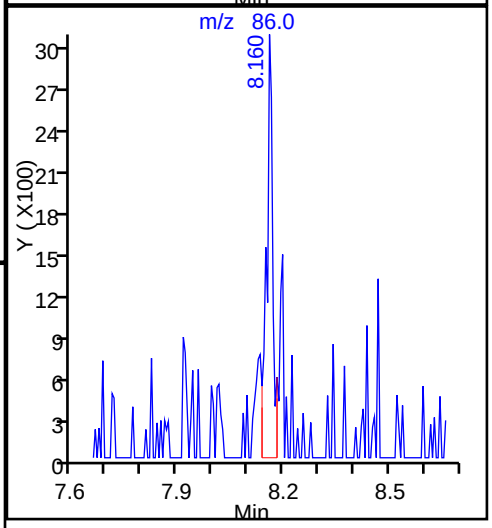
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

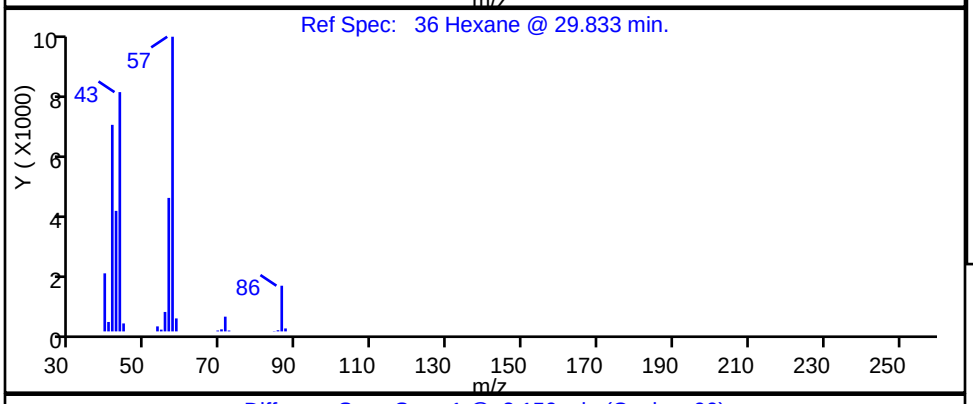
36 Hexane, CAS: 110-54-3

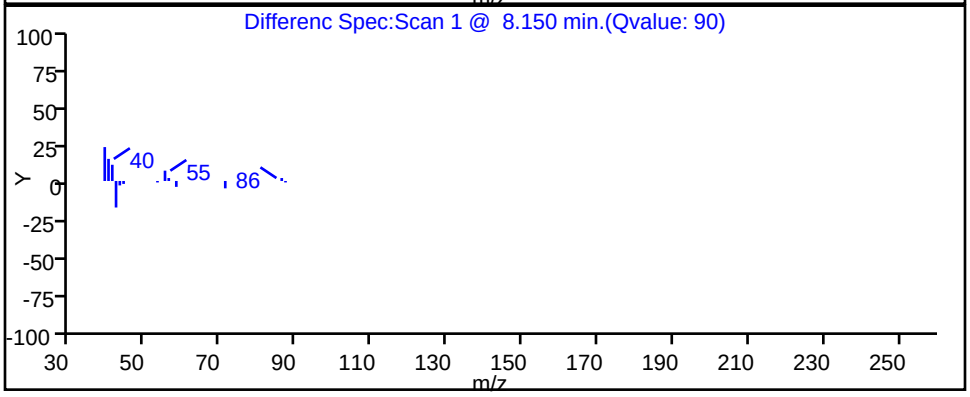








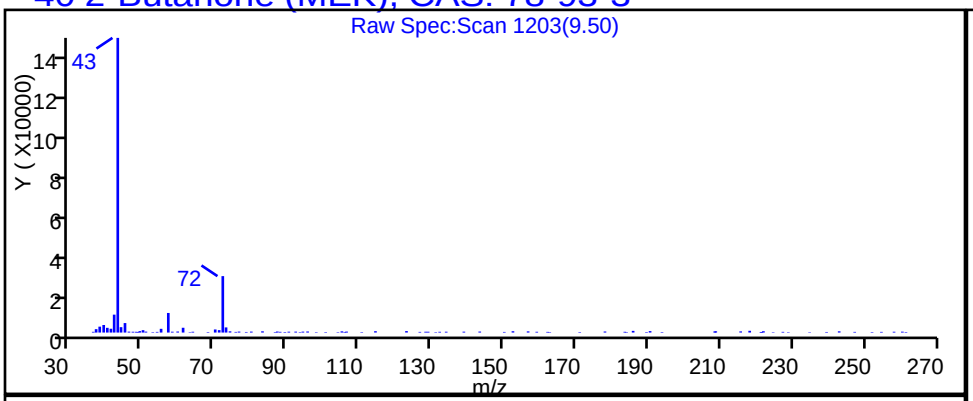


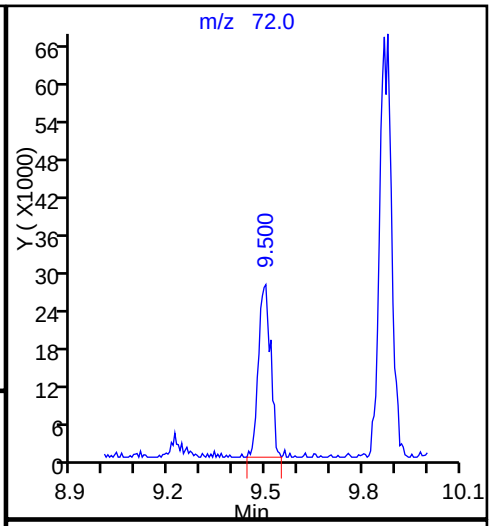


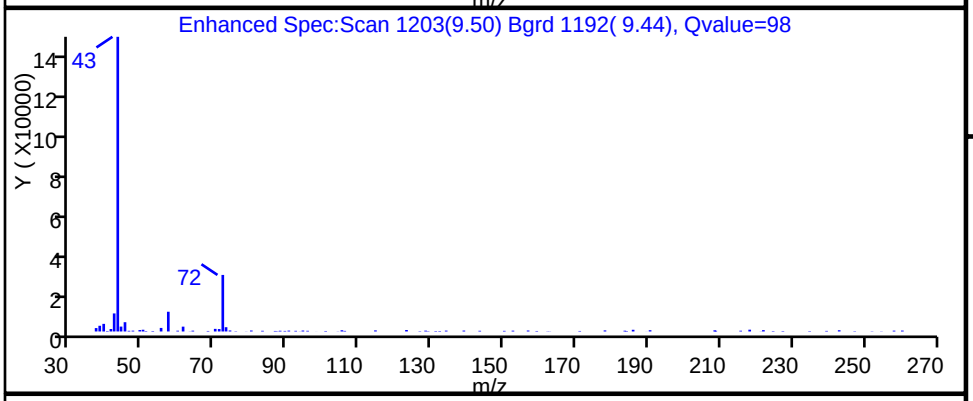
TestAmerica Burlington

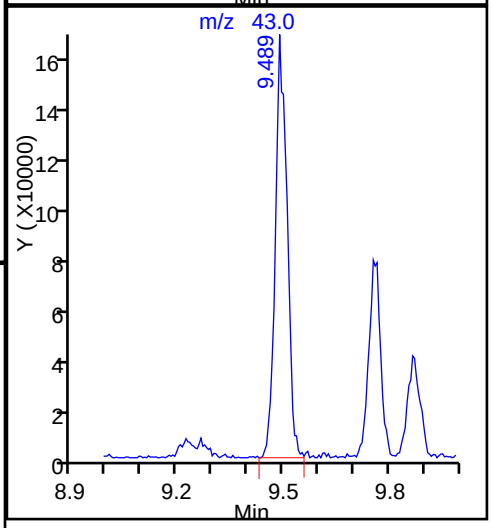
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

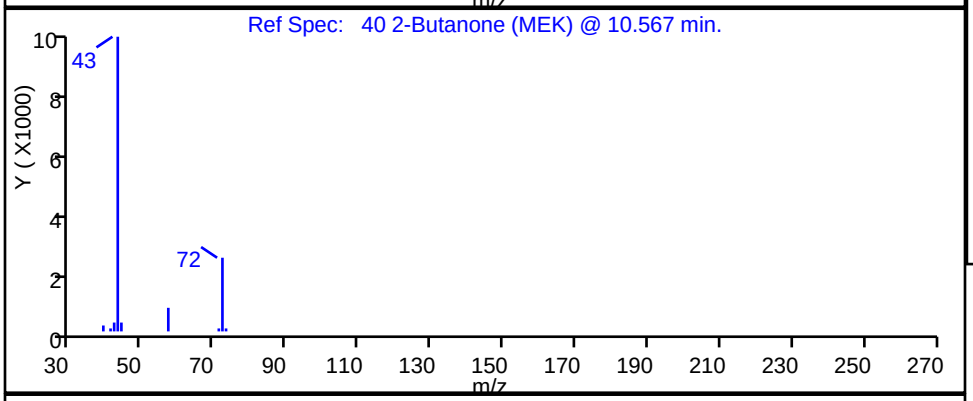
40 2-Butanone (MEK), CAS: 78-93-3

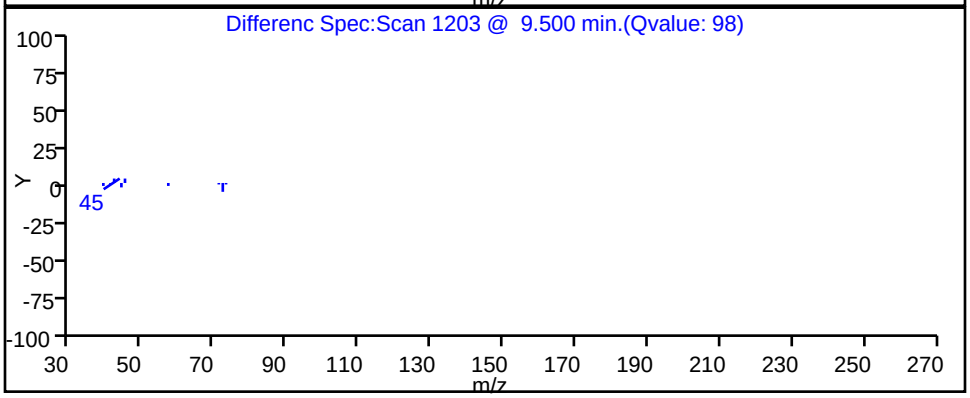








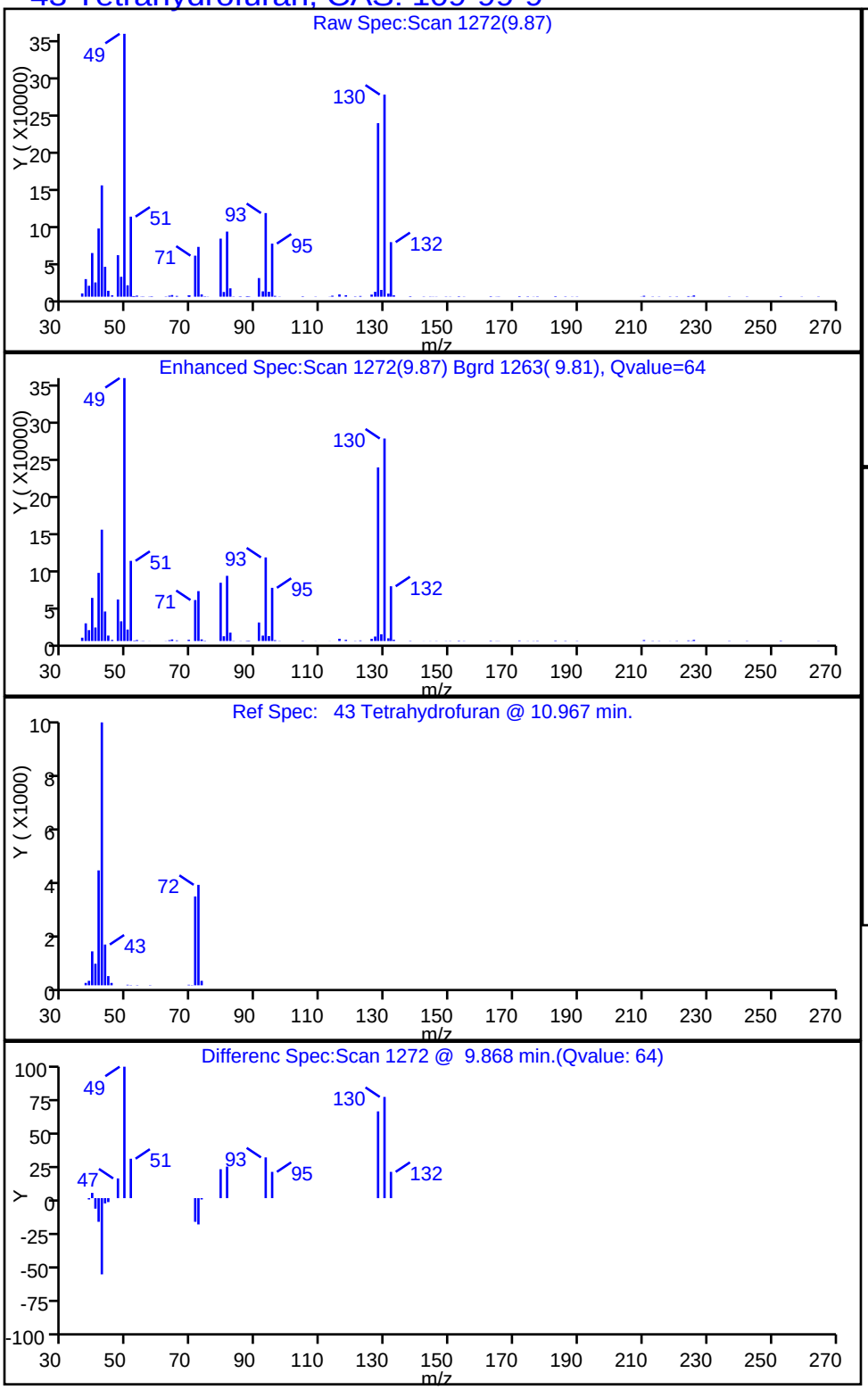


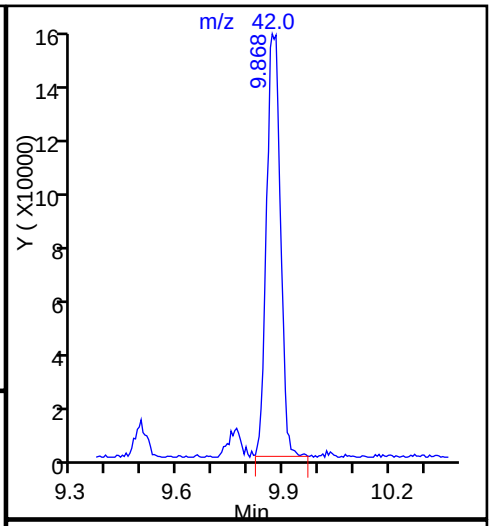


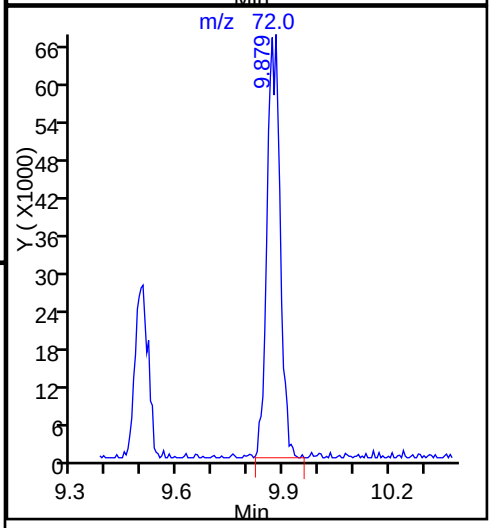
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Tetrahydrofuran, CAS: 109-99-9



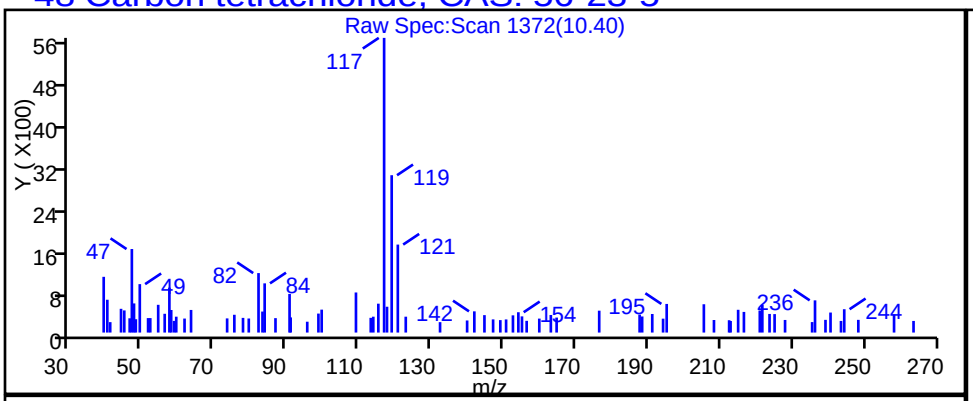


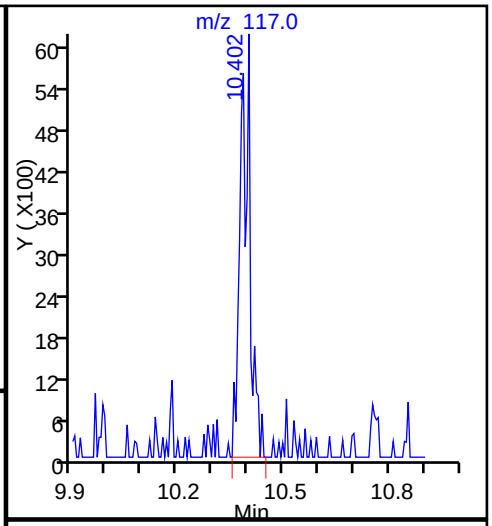


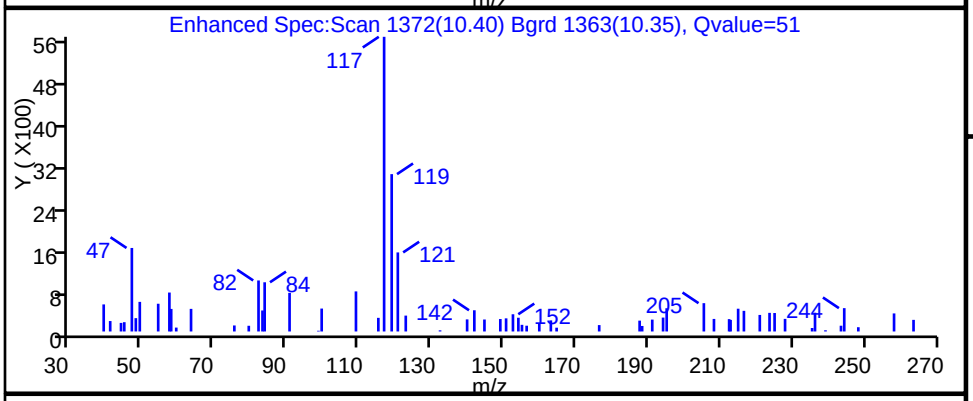
TestAmerica Burlington

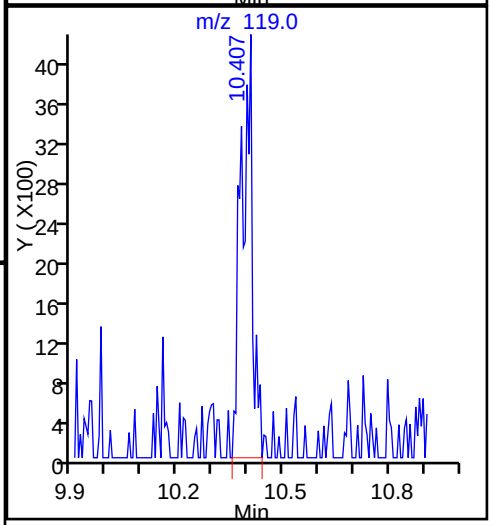
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

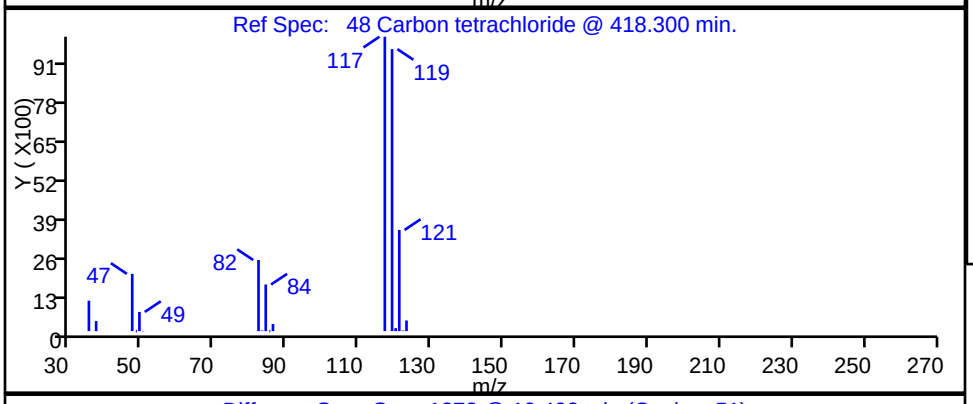
48 Carbon tetrachloride, CAS: 56-23-5

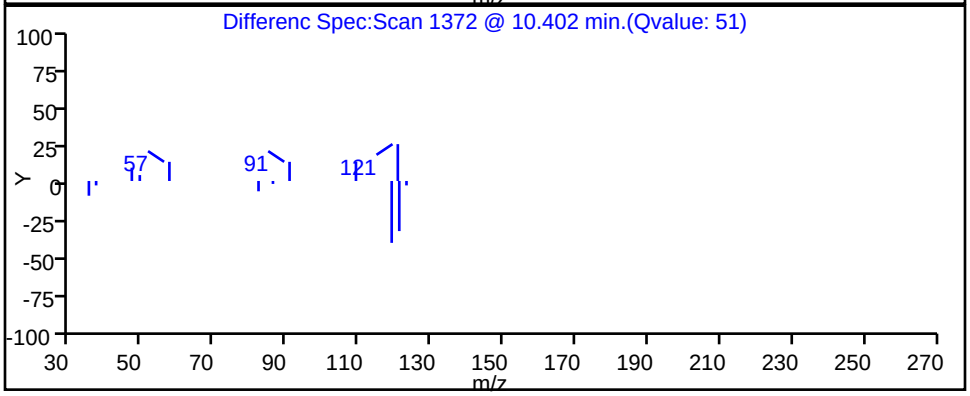










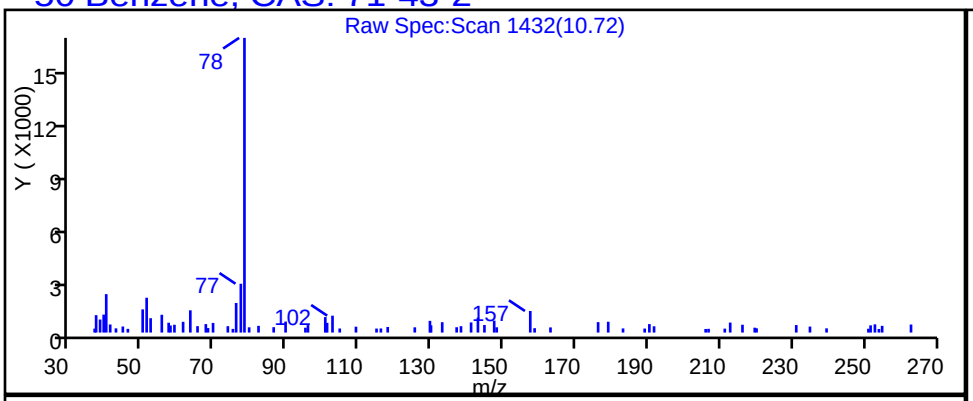


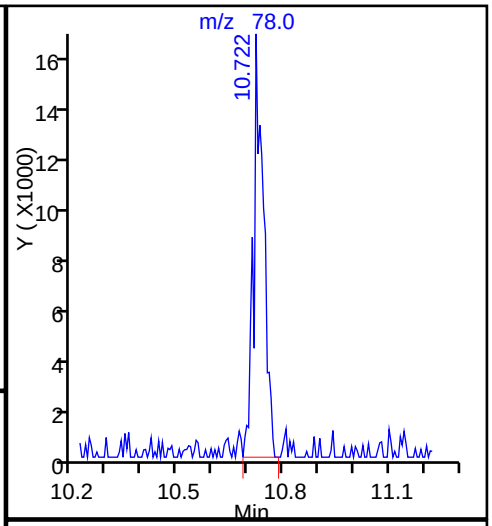
Report Date: 02-Feb-2015 08:44:41 Chrom Revision: 2.2 15-Jan-2015 13:05:58

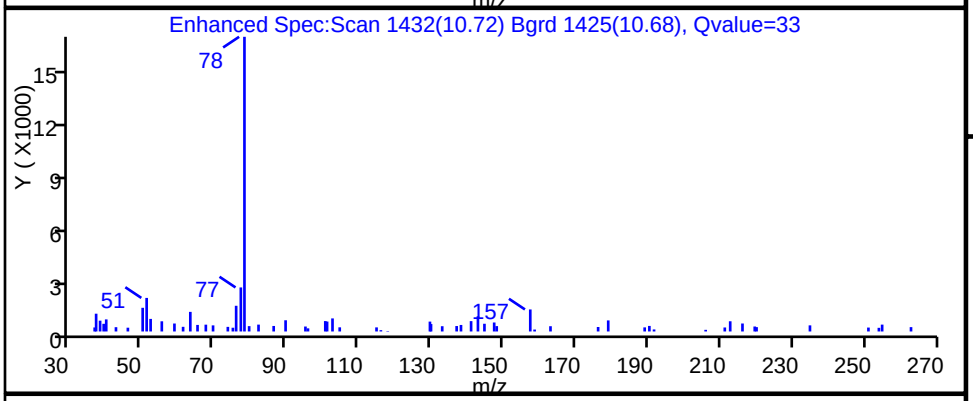
TestAmerica Burlington

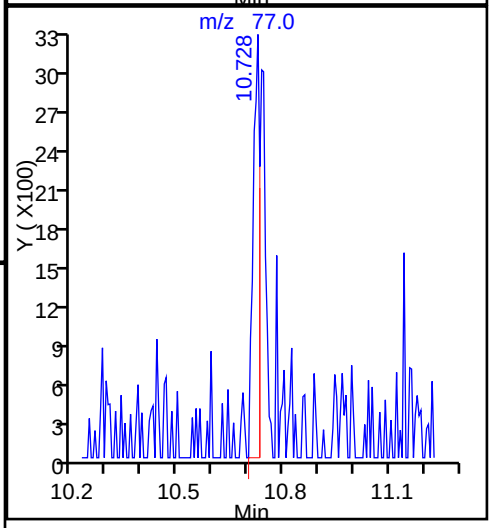
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

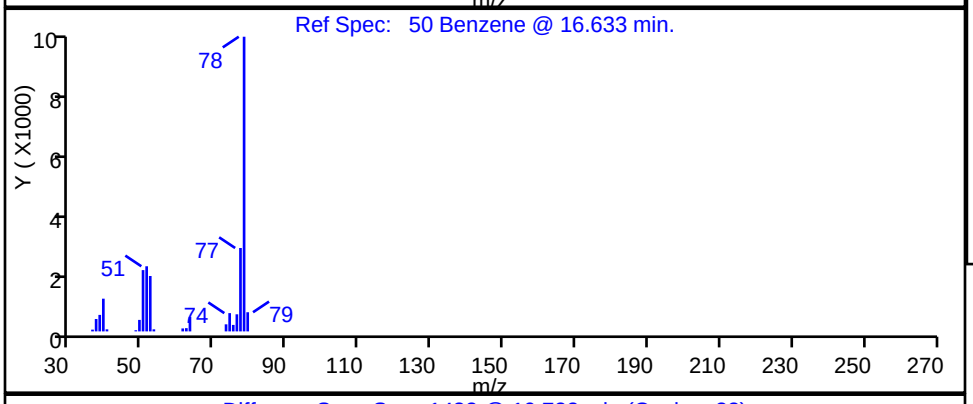
50 Benzene, CAS: 71-43-2

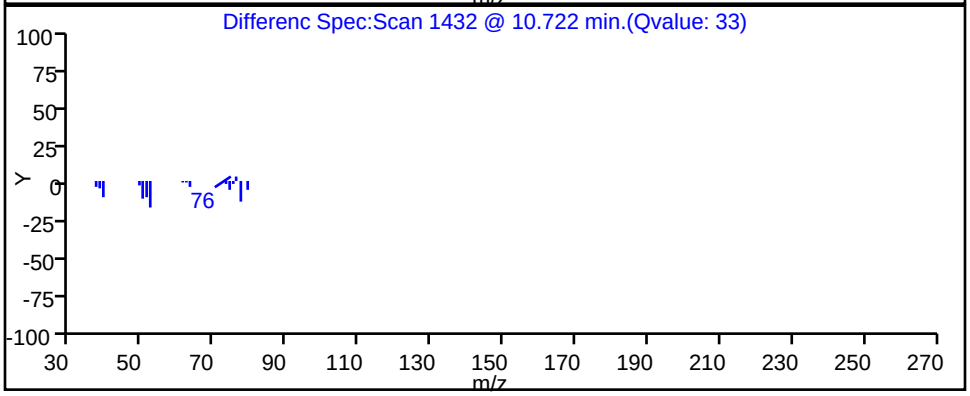












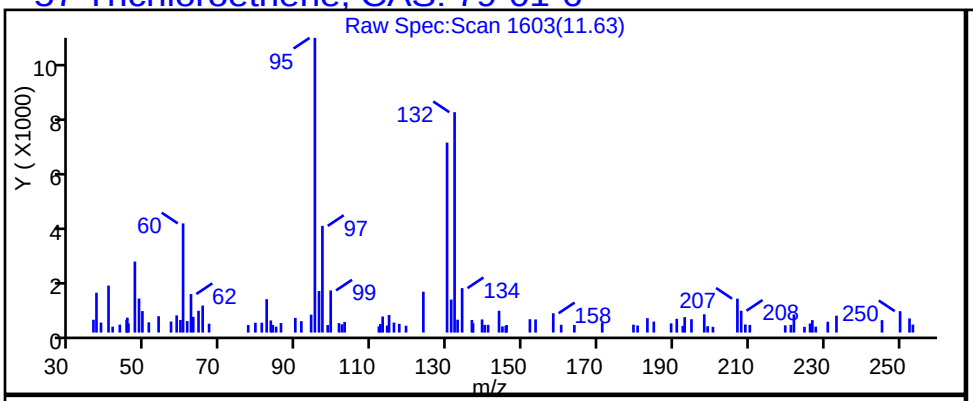
Report Date: 02-Feb-2015 08:44:41 Chrom Revision: 2.2 15-Jan-2015 13:05:58

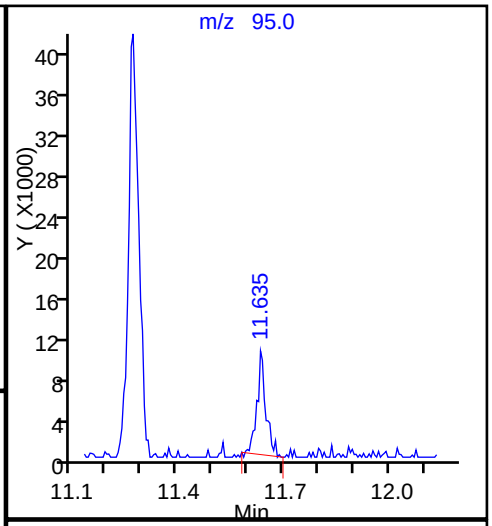
TestAmerica Burlington

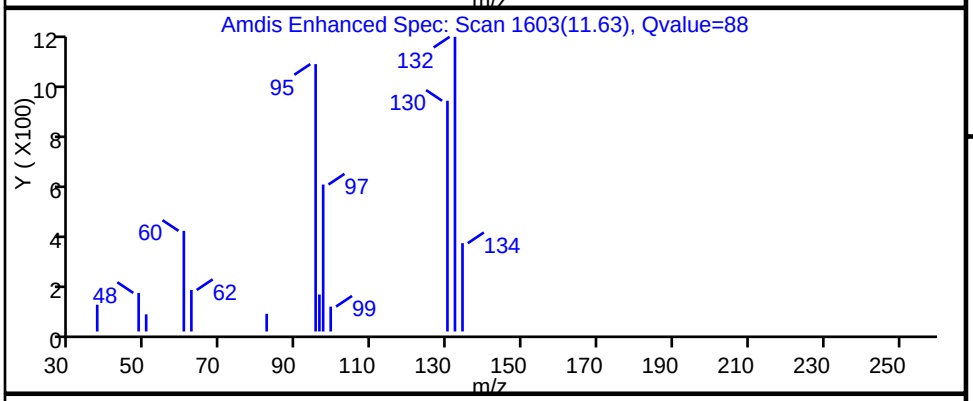
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D

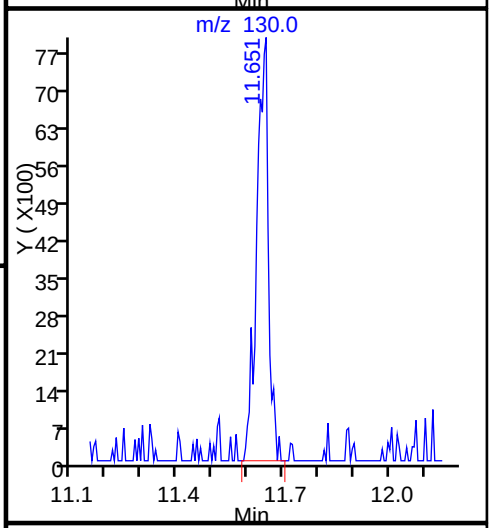
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

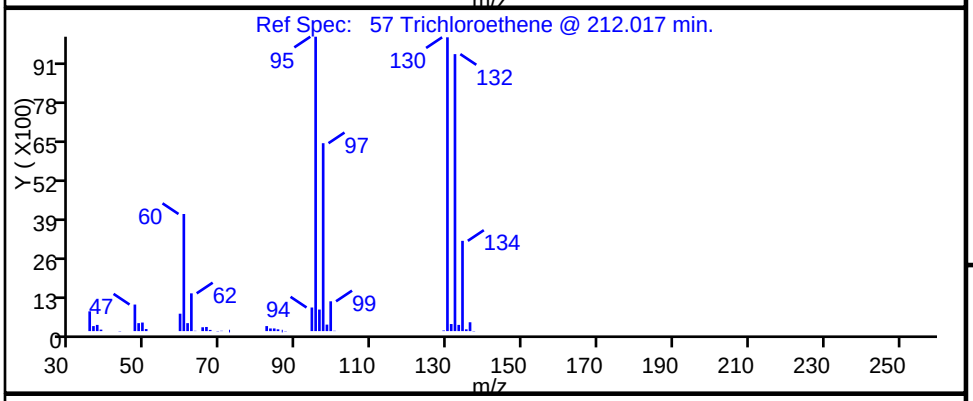
57 Trichloroethene, CAS: 79-01-6

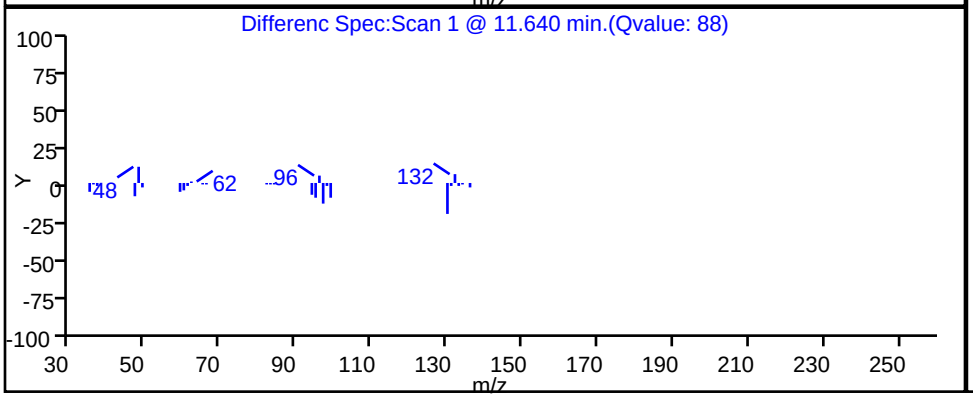


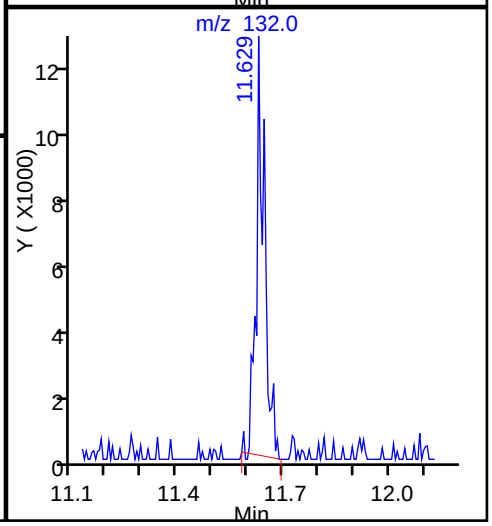










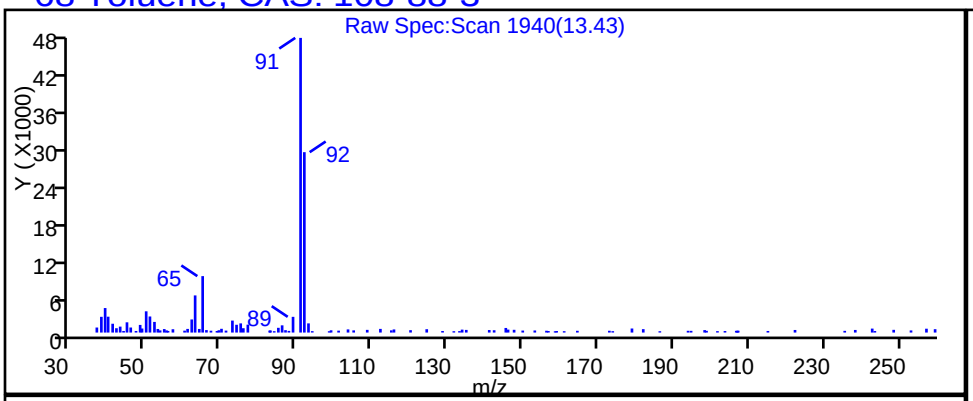


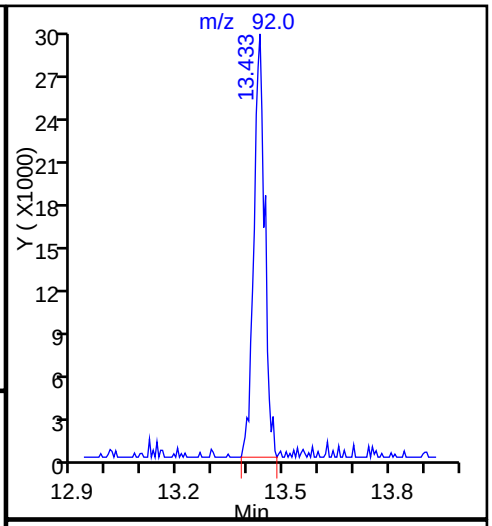
Report Date: 02-Feb-2015 08:44:41 Chrom Revision: 2.2 15-Jan-2015 13:05:58

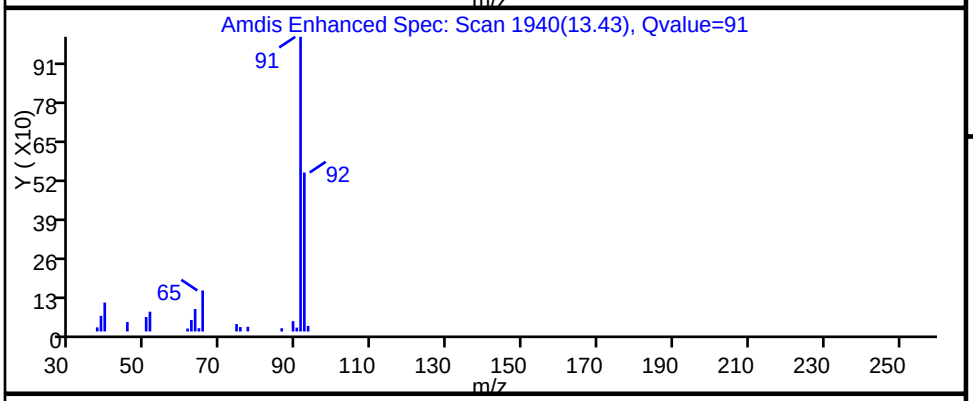
TestAmerica Burlington

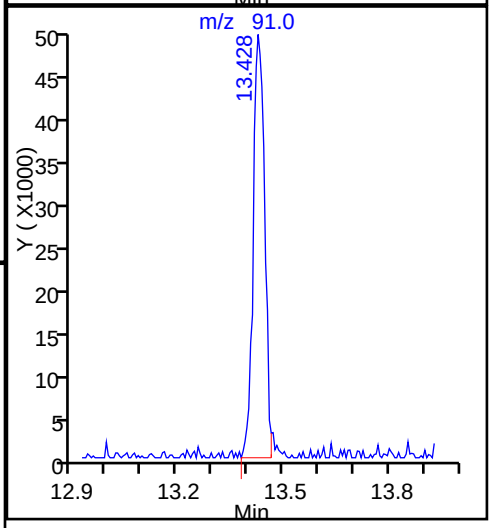
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

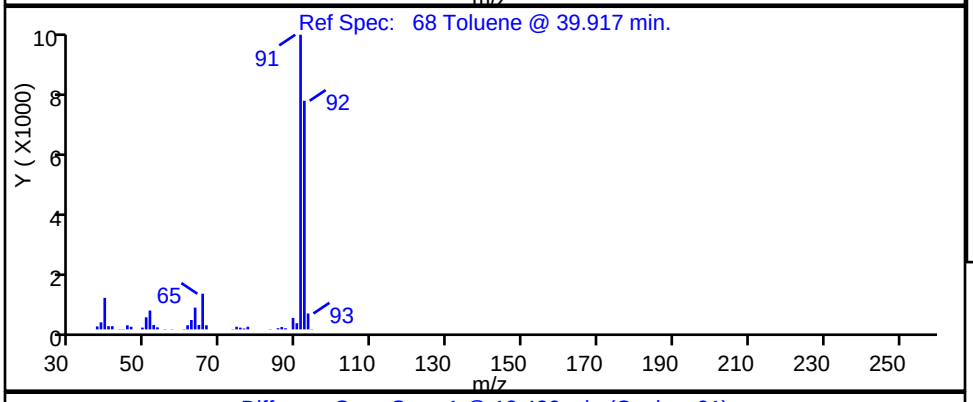
68 Toluene, CAS: 108-88-3

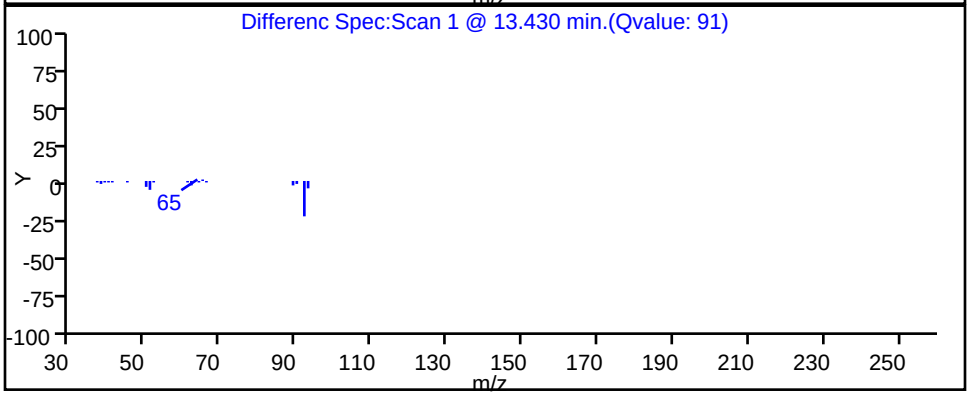












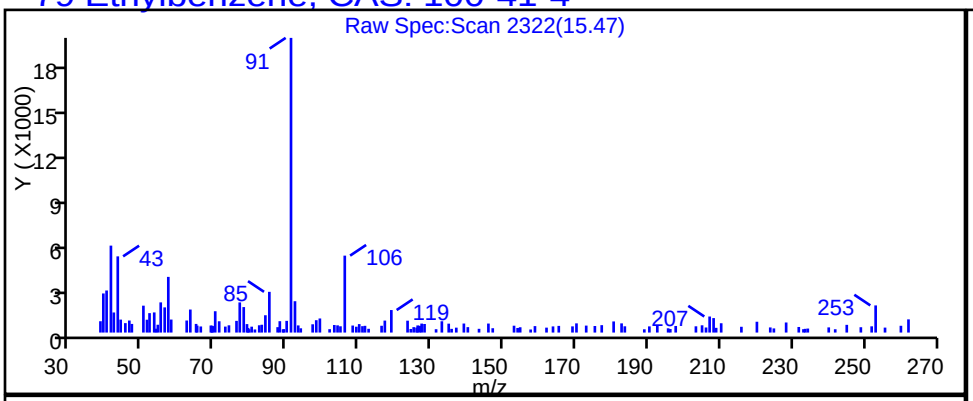
Report Date: 02-Feb-2015 08:44:41 Chrom Revision: 2.2 15-Jan-2015 13:05:58

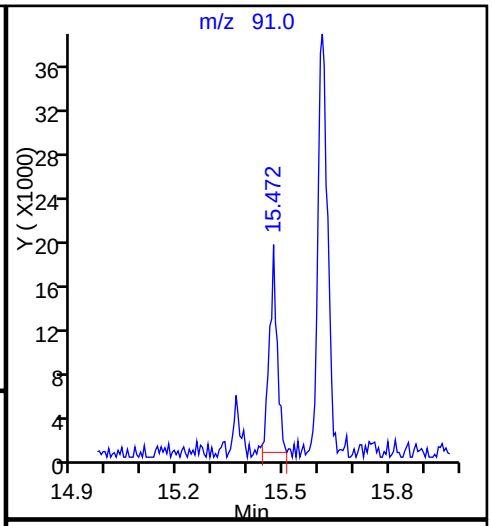
TestAmerica Burlington

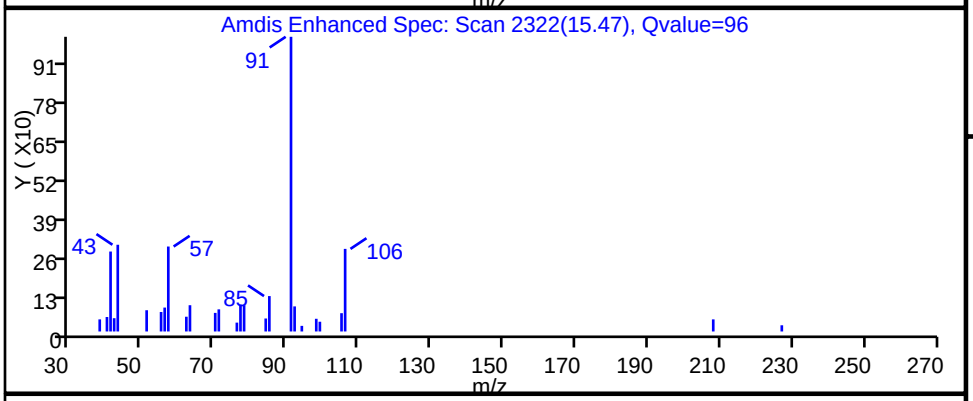
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D

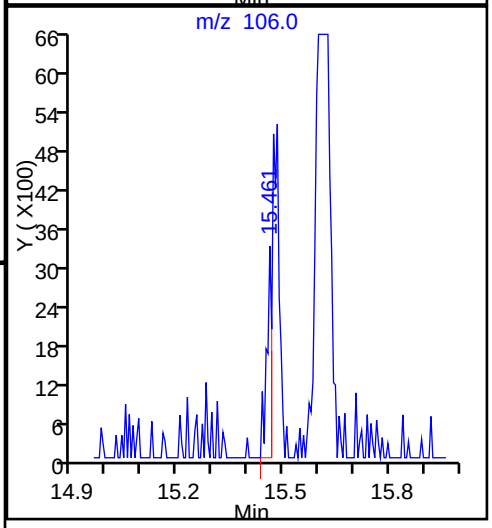
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

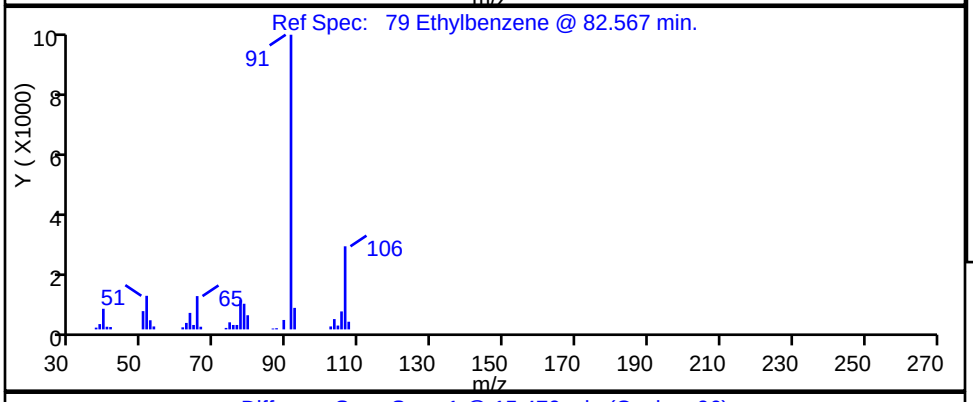
79 Ethylbenzene, CAS: 100-41-4

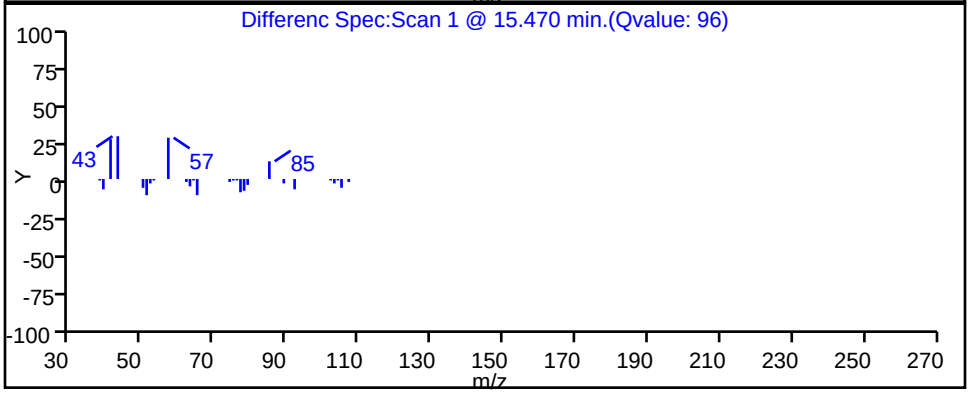










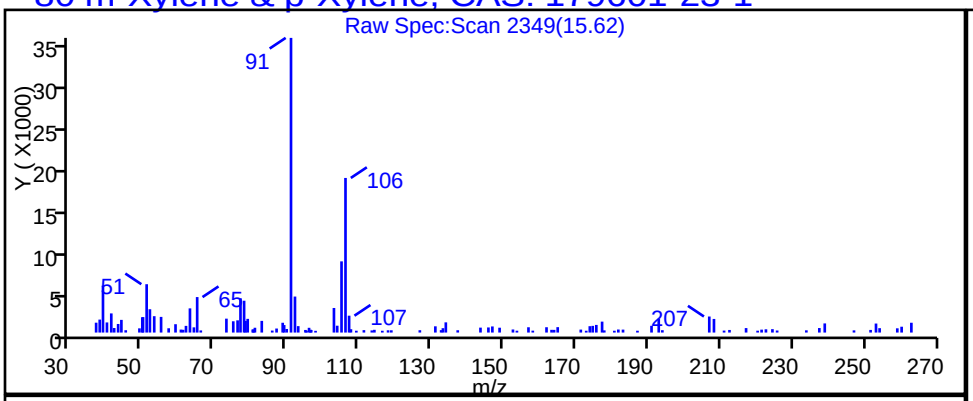


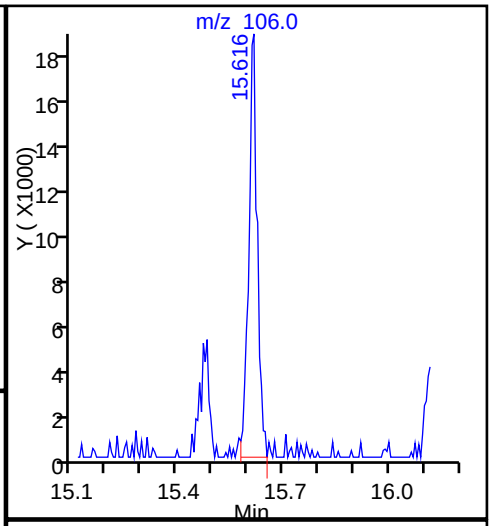
Report Date: 02-Feb-2015 08:44:41 Chrom Revision: 2.2 15-Jan-2015 13:05:58

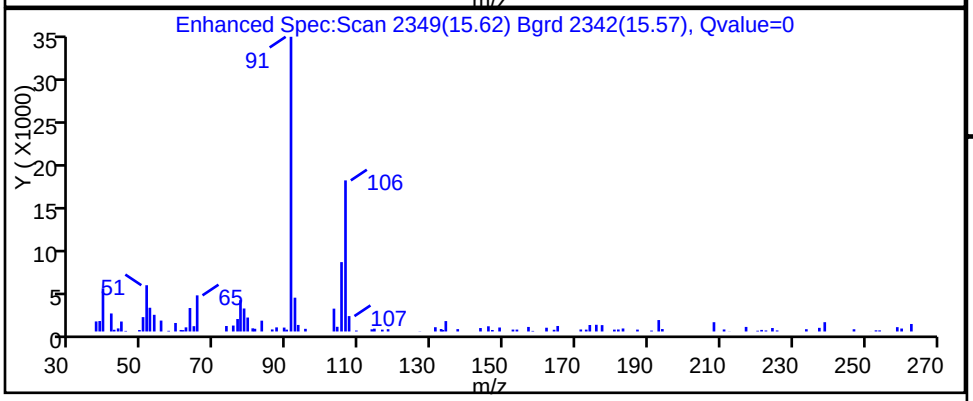
TestAmerica Burlington

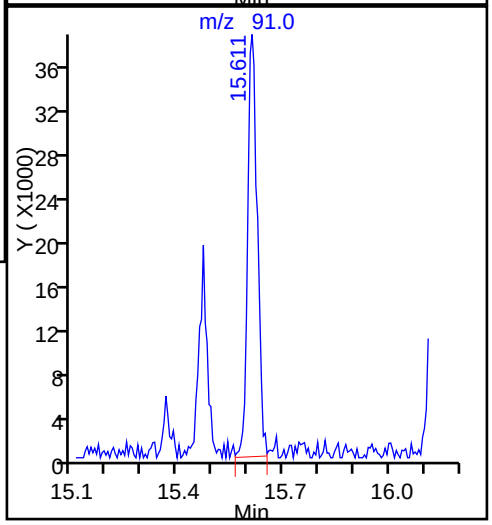
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 m-Xylene & p-Xylene, CAS: 179601-23-1





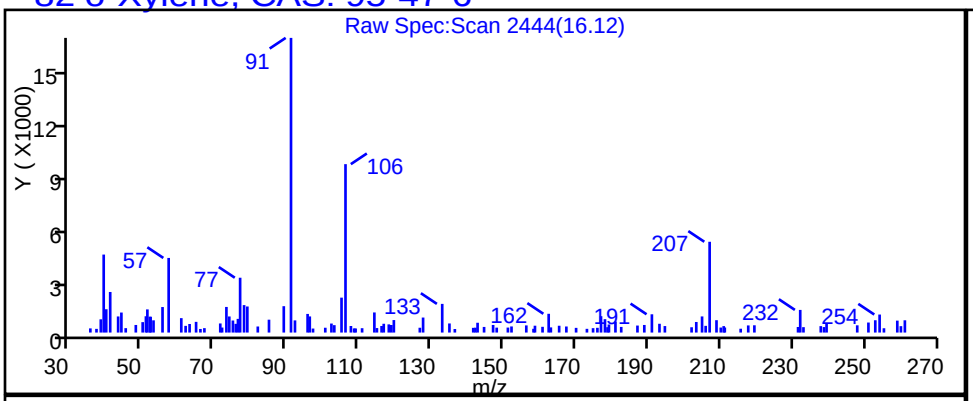


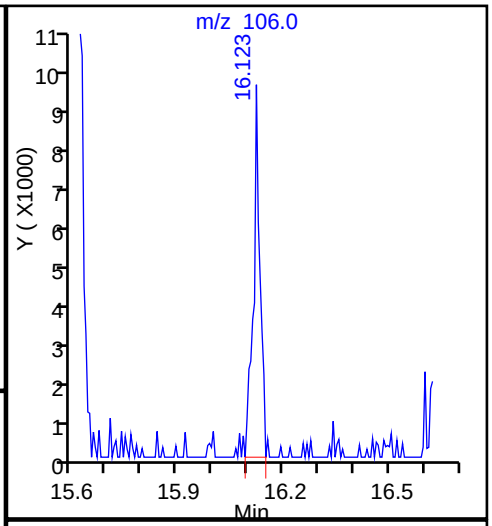


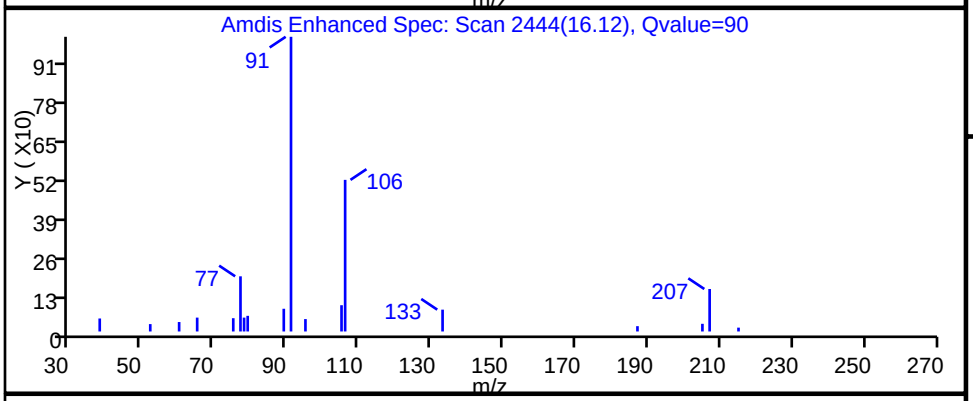
TestAmerica Burlington

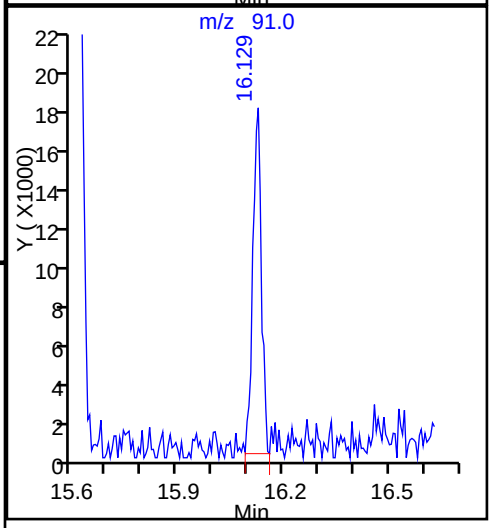
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

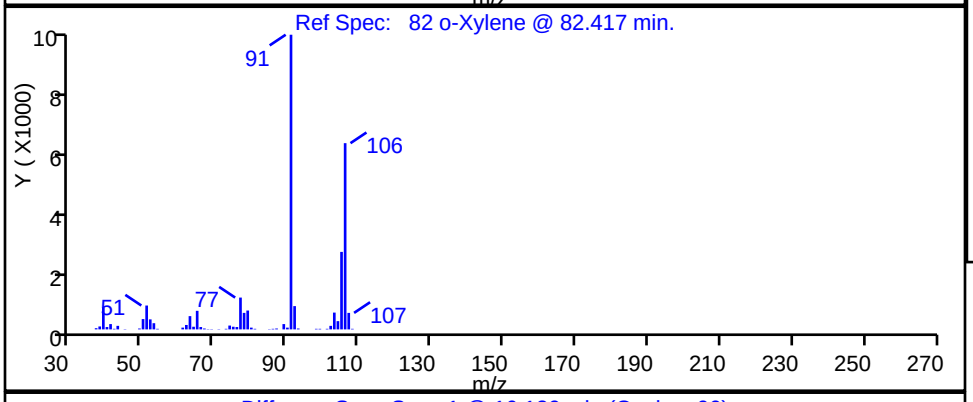
82 o-Xylene, CAS: 95-47-6

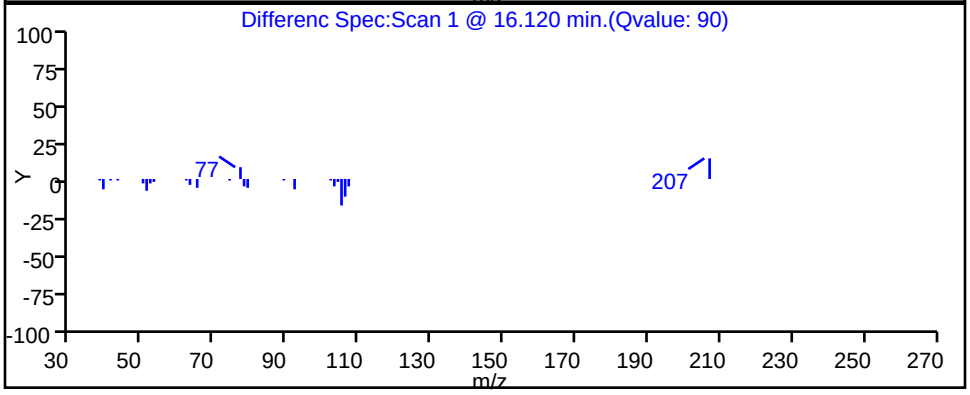








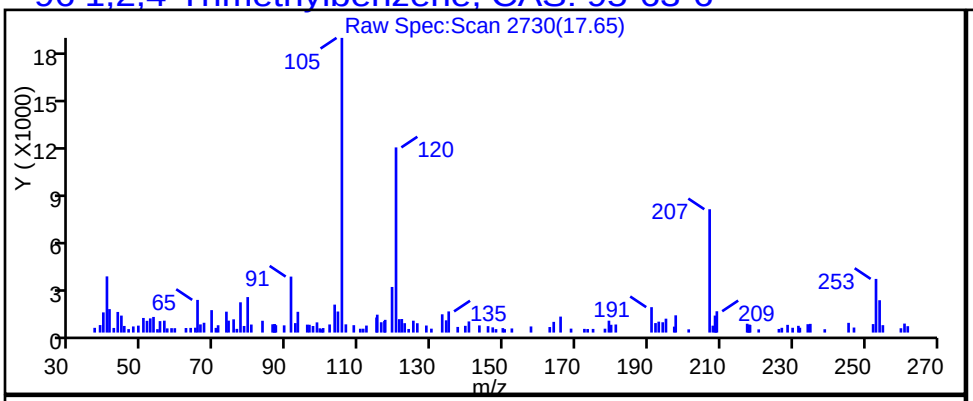


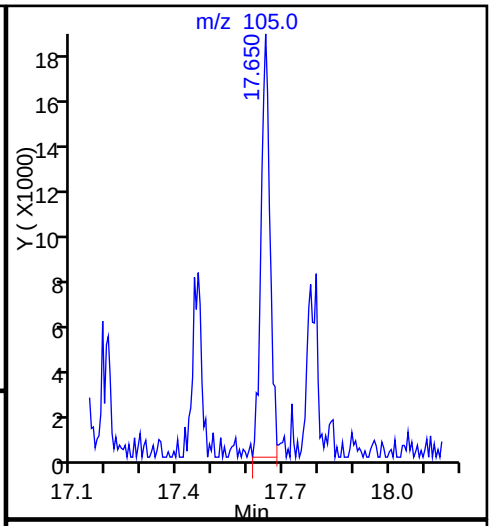


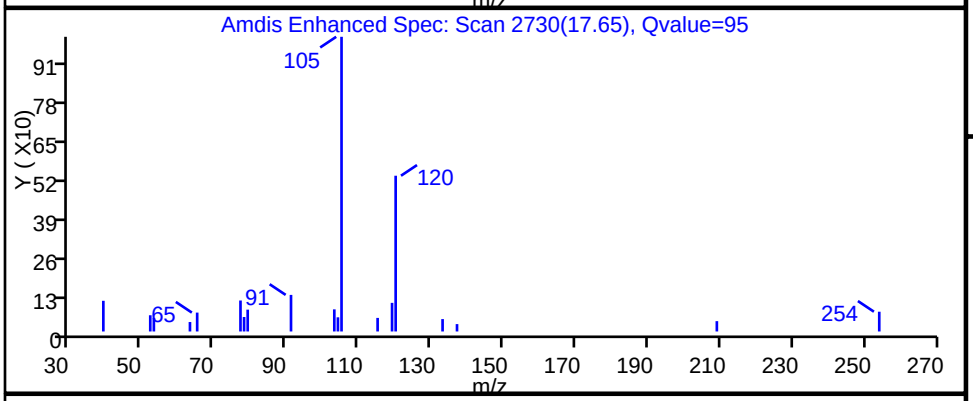
TestAmerica Burlington

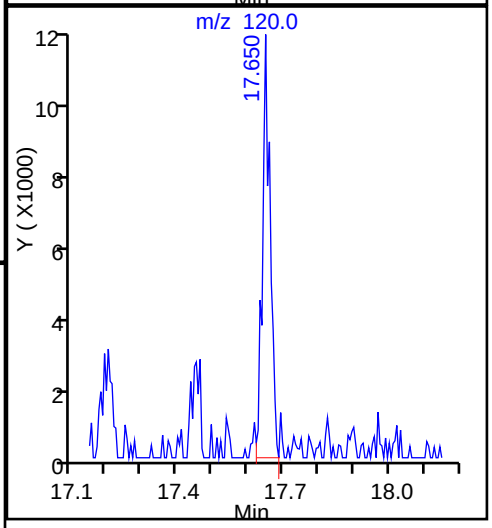
Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

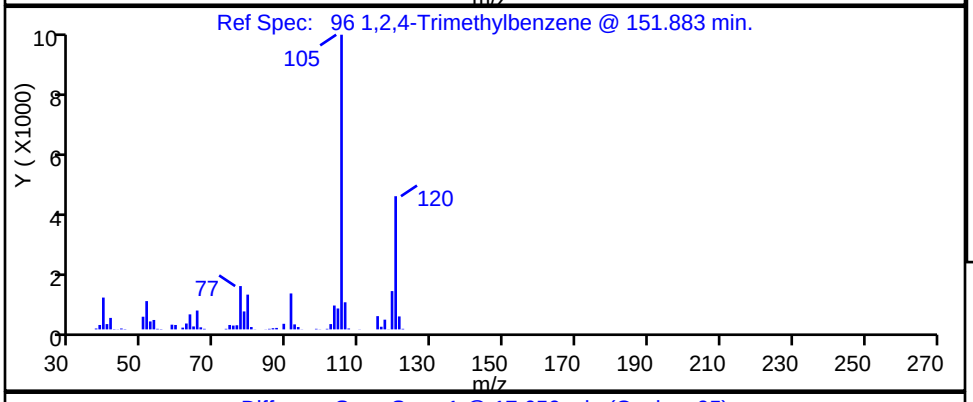
96 1,2,4-Trimethylbenzene, CAS: 95-63-6

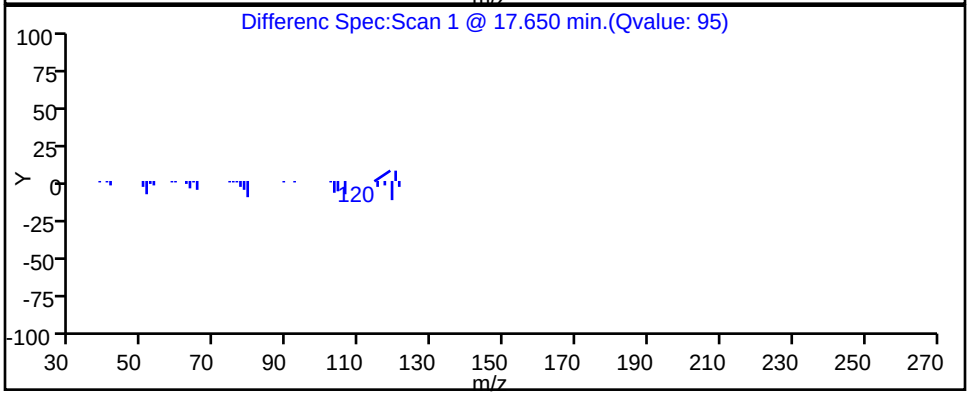












Manual Integration/User Assign Peak Report

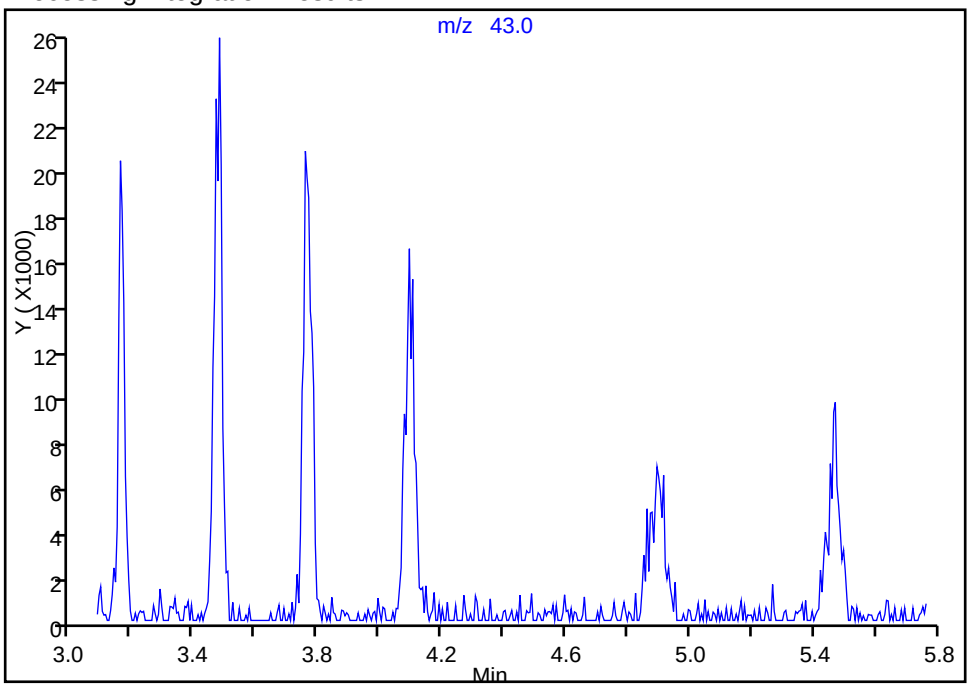
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

9 Butane, CAS: 106-97-8

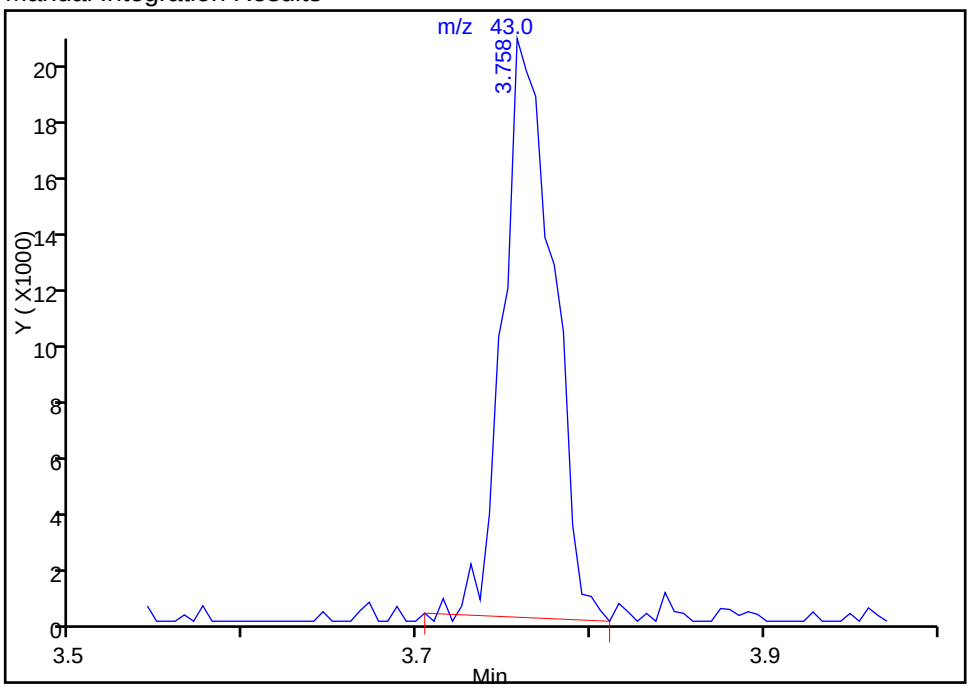
Not Detected
Expected RT: 3.76

Processing Integration Results



Manual Integration Results

RT: 3.76
Area: 40049
Amount: 0.496179
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

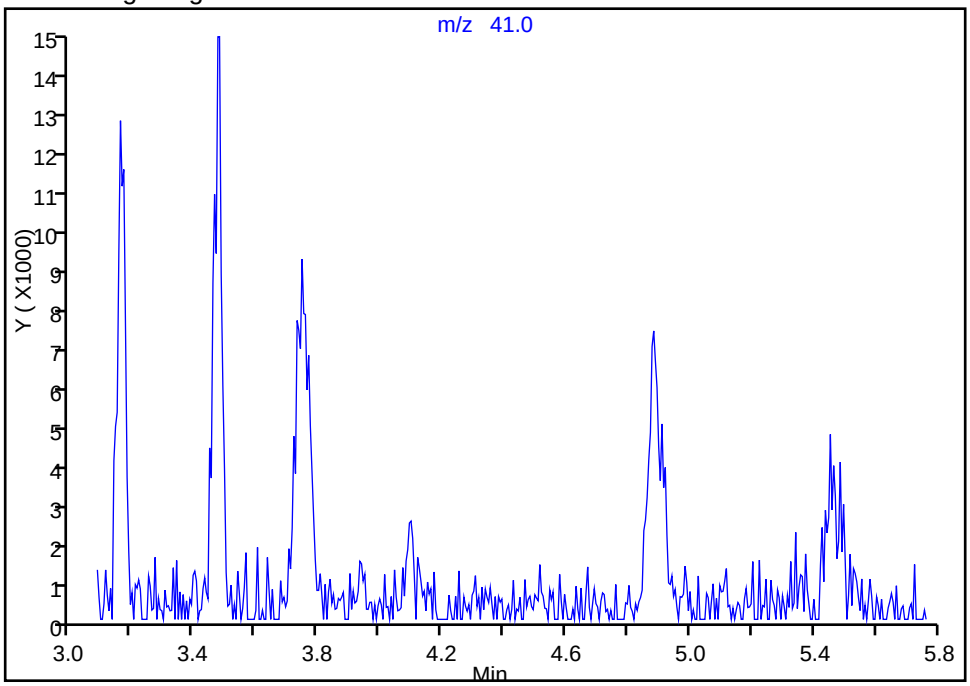
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

9 Butane, CAS: 106-97-8

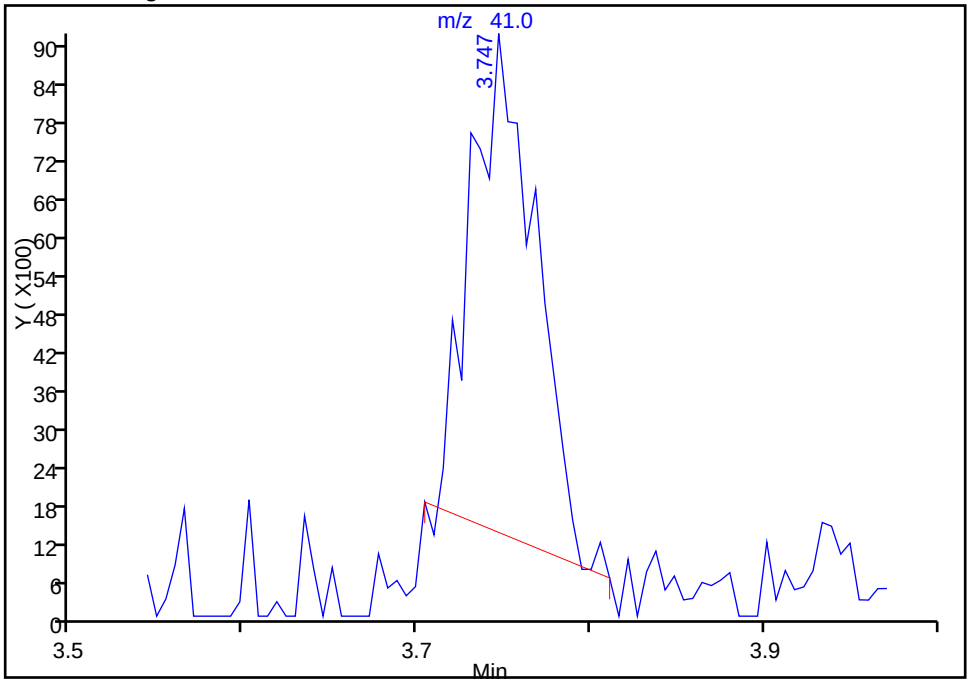
Not Detected
Expected RT: 3.76

Processing Integration Results



Manual Integration Results

RT: 3.75
Area: 20473
Amount: 0.496179
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

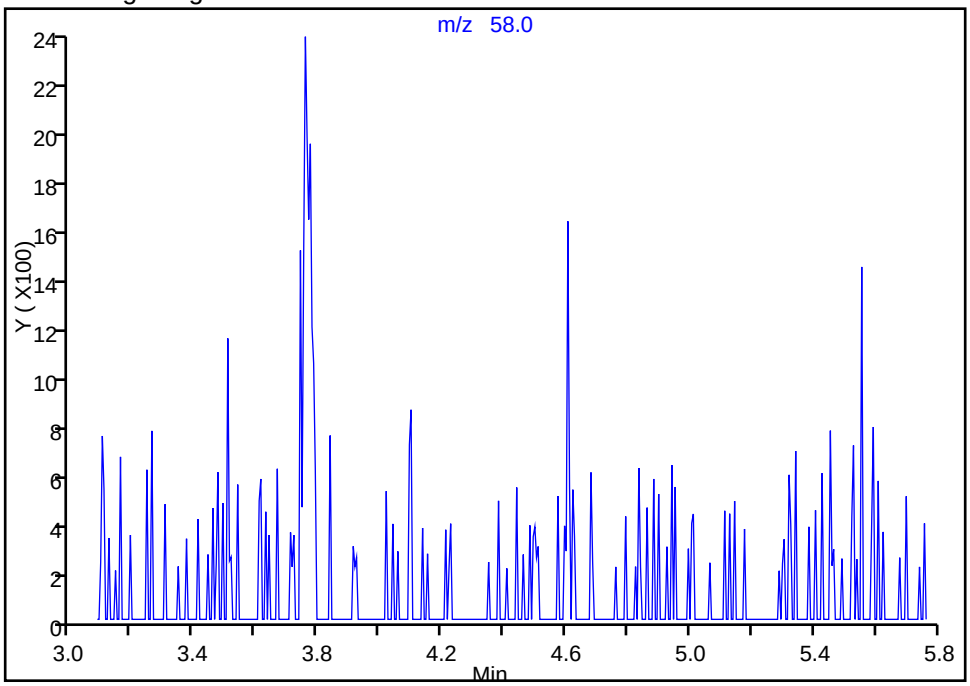
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

9 Butane, CAS: 106-97-8

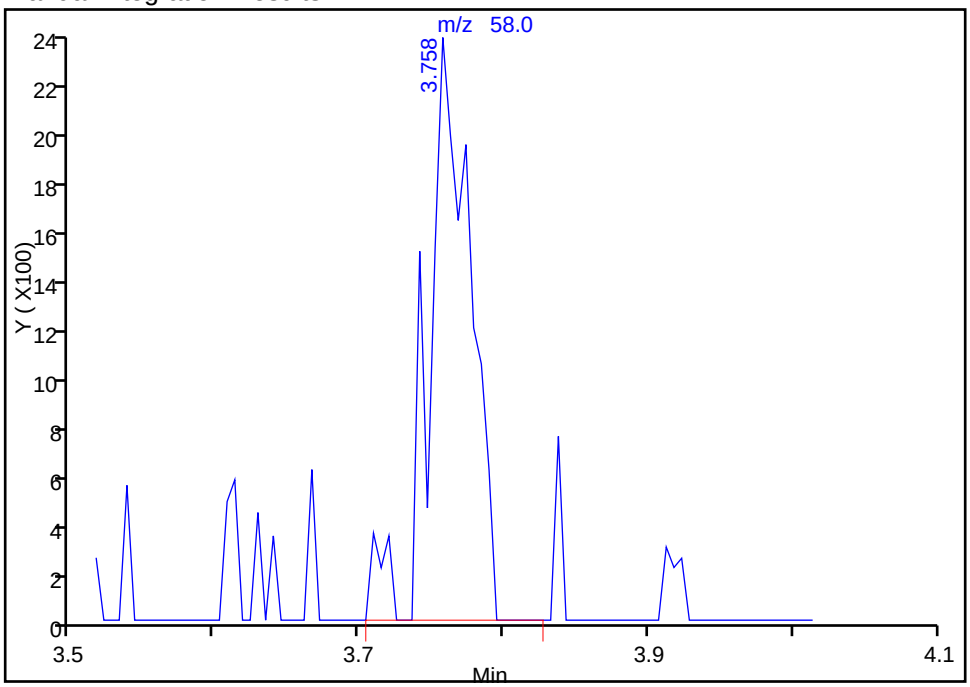
Not Detected
Expected RT: 3.76

Processing Integration Results



Manual Integration Results

RT: 3.76
Area: 4901
Amount: 0.496179
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

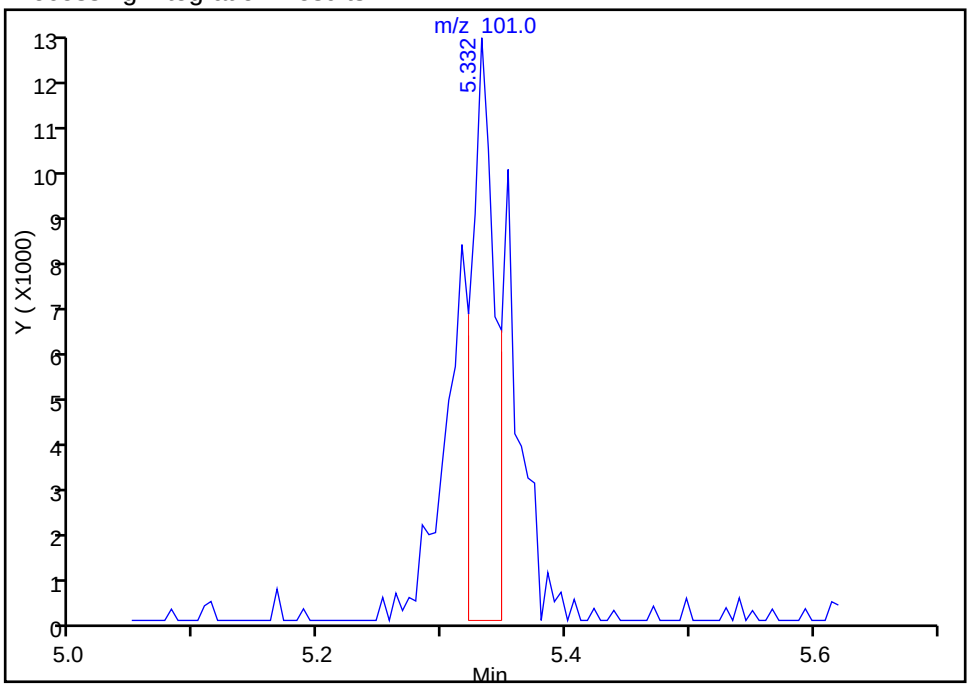
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

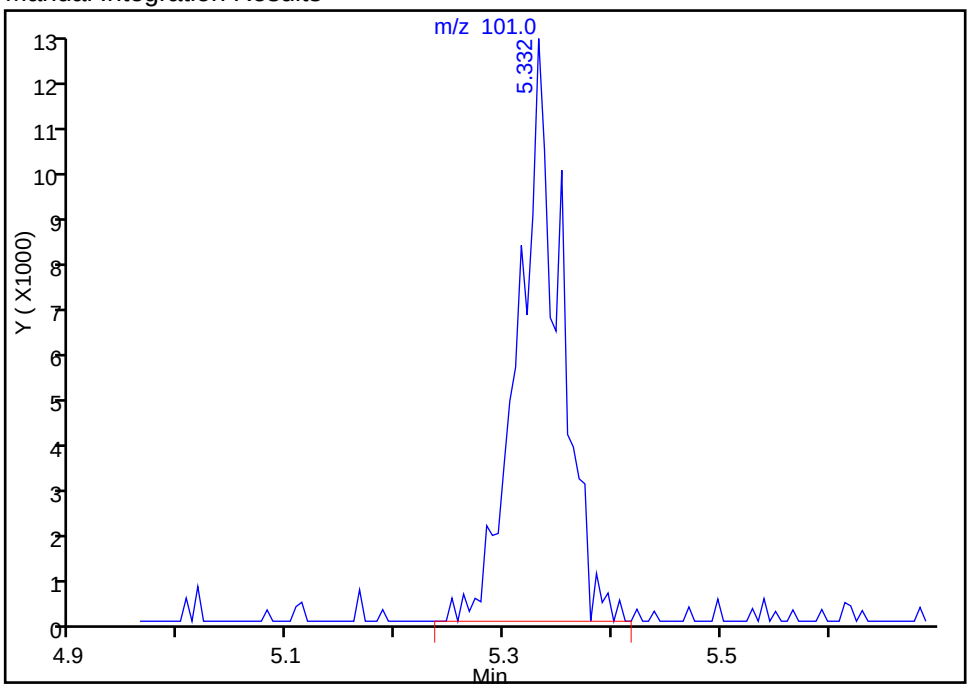
Processing Integration Results

RT: 5.33
Area: 16259
Amount: 0.095182
Amount Units: ppb v/v



Manual Integration Results

RT: 5.33
Area: 34056
Amount: 0.199368
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

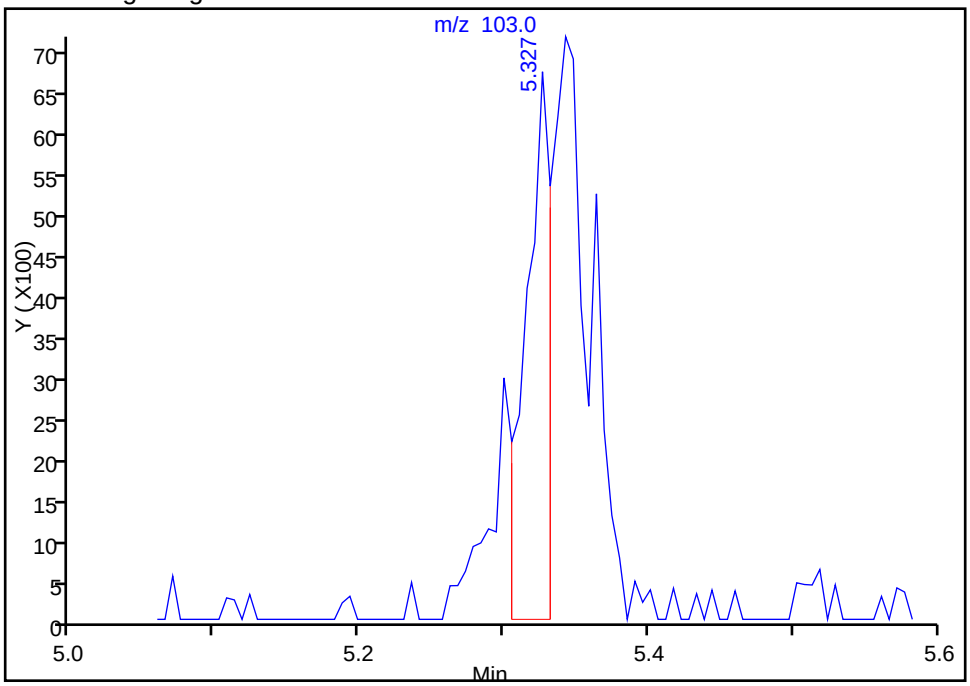
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Trichlorofluoromethane, CAS: 75-69-4

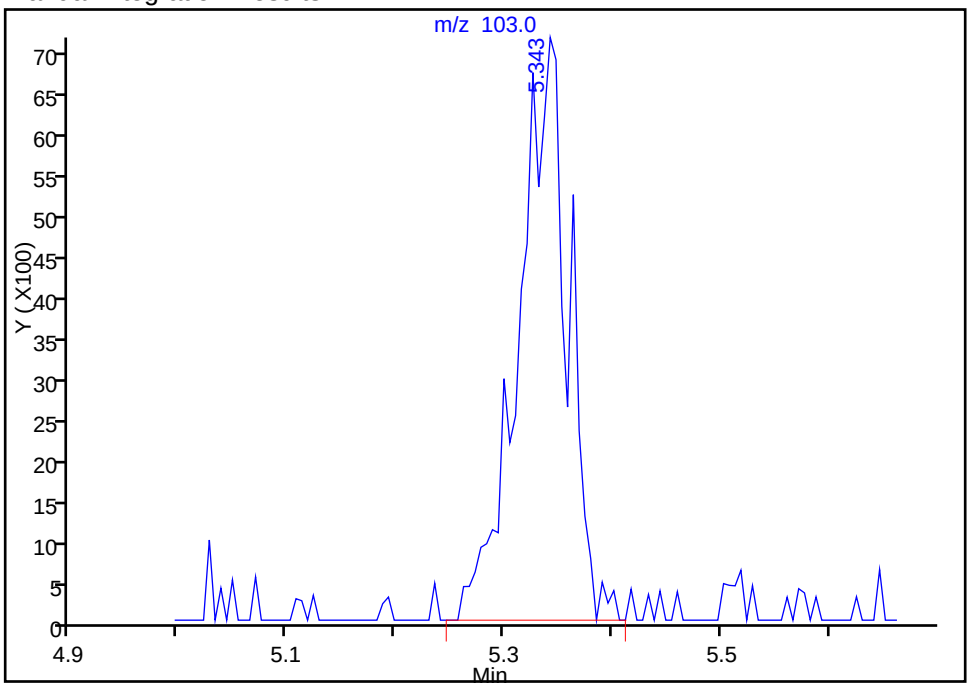
Processing Integration Results

RT: 5.33
Area: 8091
Amount: 0.095182
Amount Units: ppb v/v



Manual Integration Results

RT: 5.34
Area: 22640
Amount: 0.199368
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

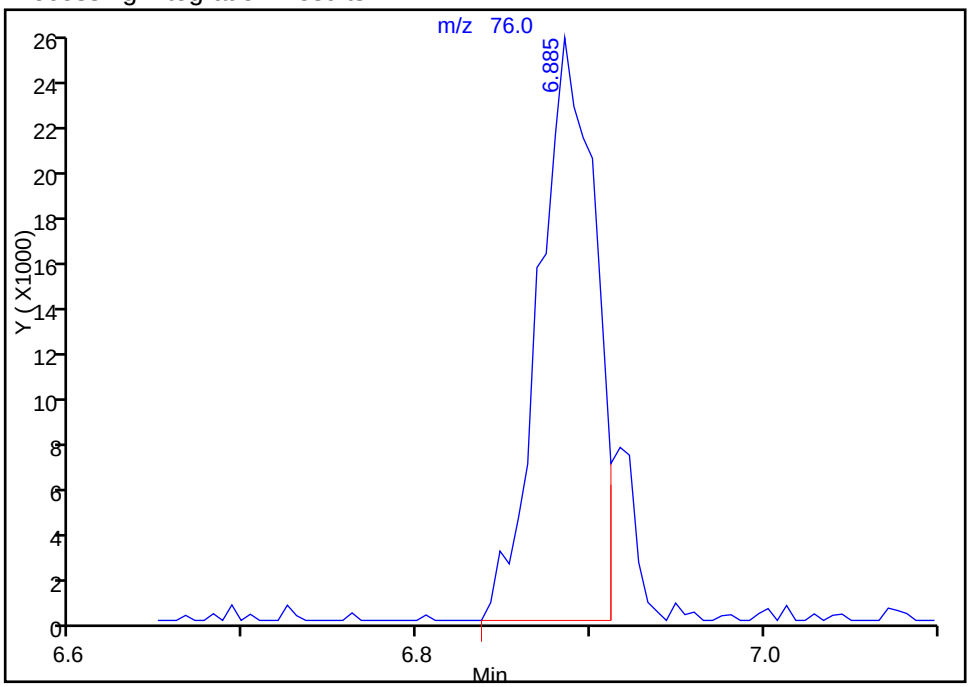
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Carbon disulfide, CAS: 75-15-0

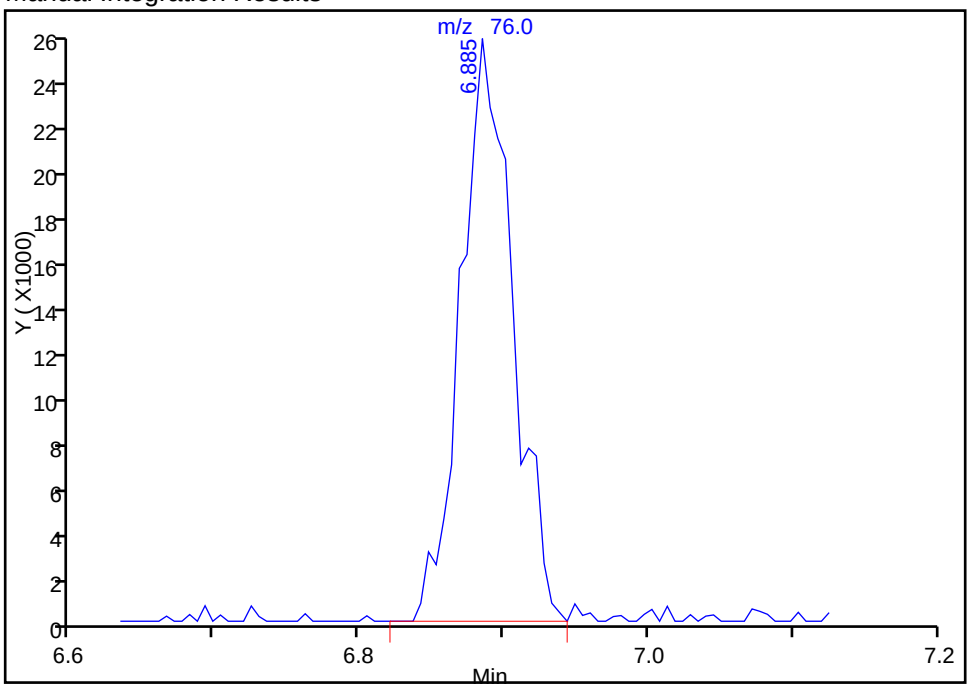
Processing Integration Results

RT: 6.88
Area: 57758
Amount: 0.463337
Amount Units: ppb v/v



Manual Integration Results

RT: 6.88
Area: 63698
Amount: 0.510988
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

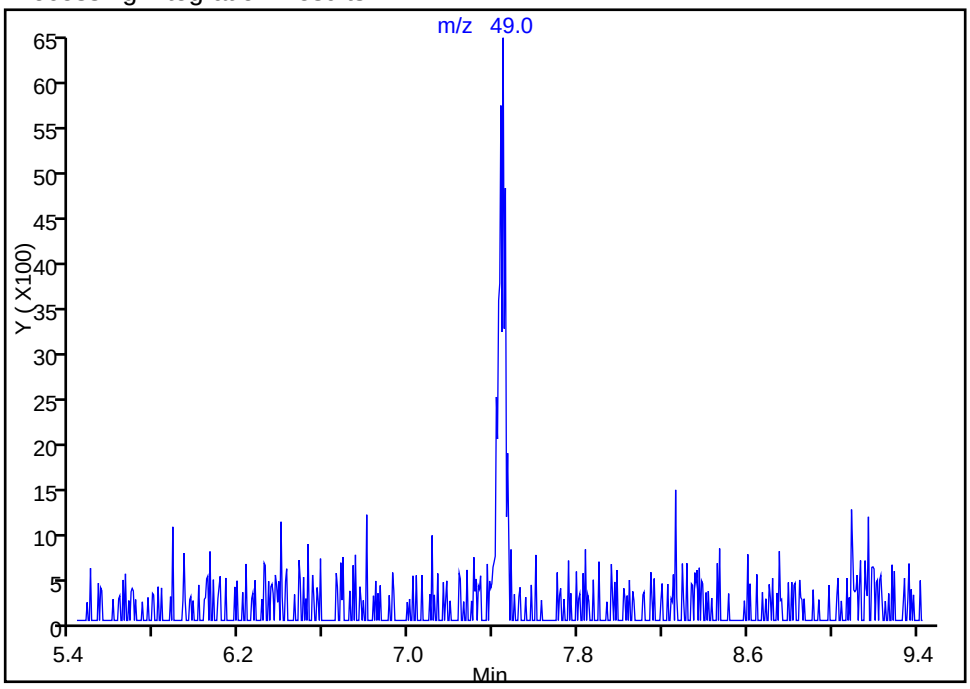
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

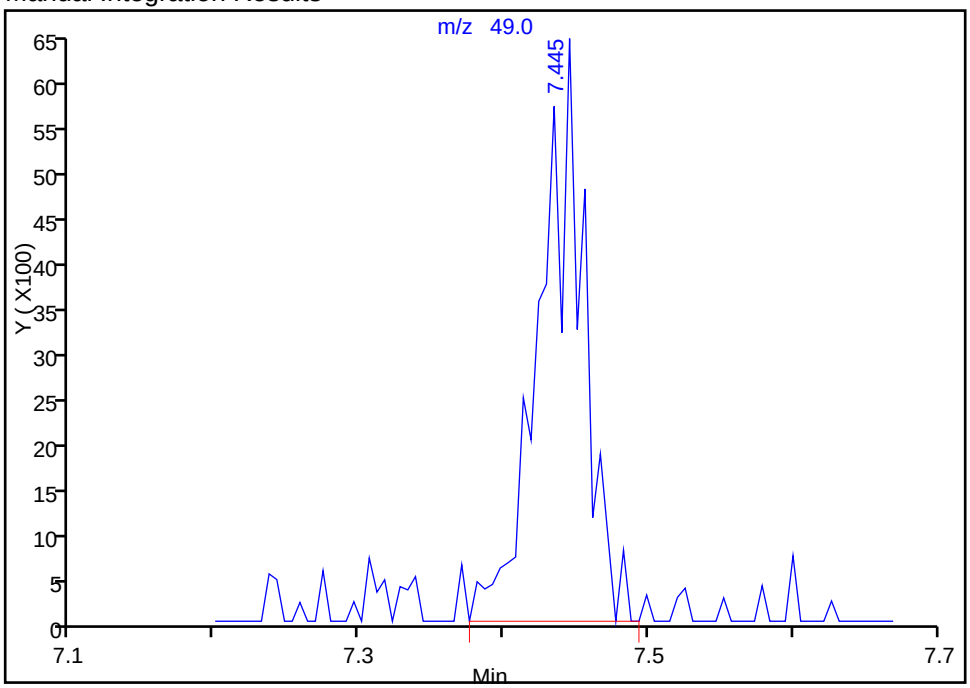
Processing Integration Results

Not Detected
Expected RT: 7.43



Manual Integration Results

RT: 7.45
Area: 13757
Amount: 0.218735
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

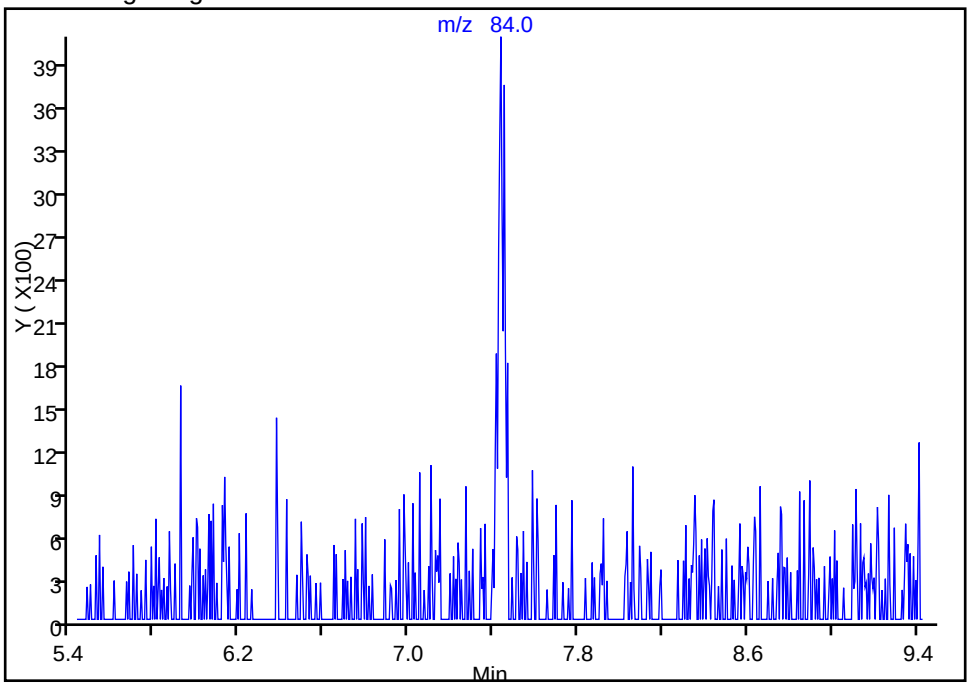
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

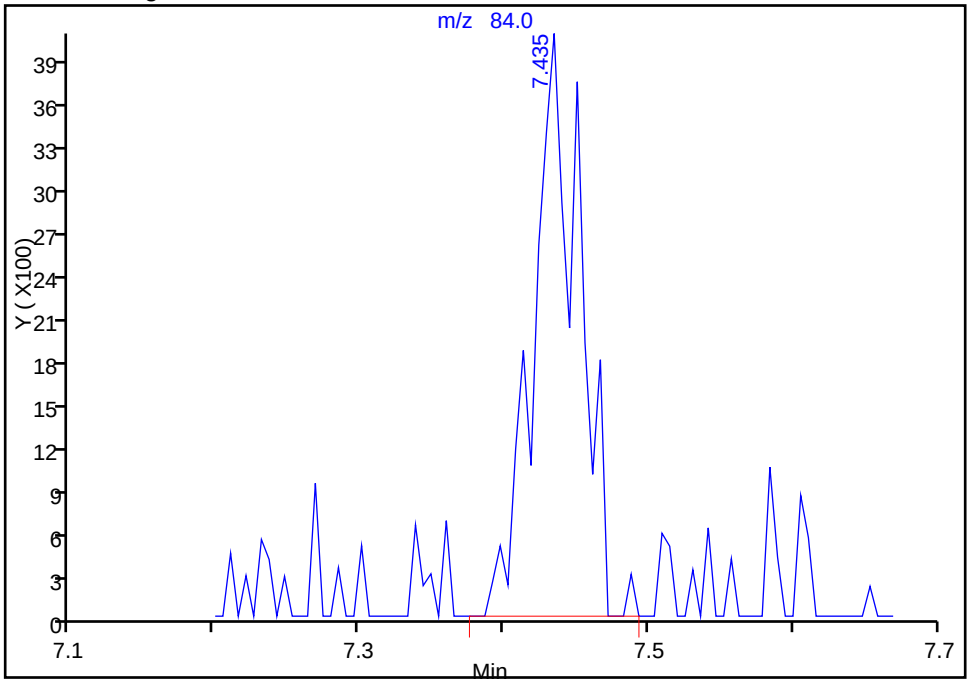
Not Detected
Expected RT: 7.43

Processing Integration Results



Manual Integration Results

RT: 7.43
Area: 9161
Amount: 0.218735
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

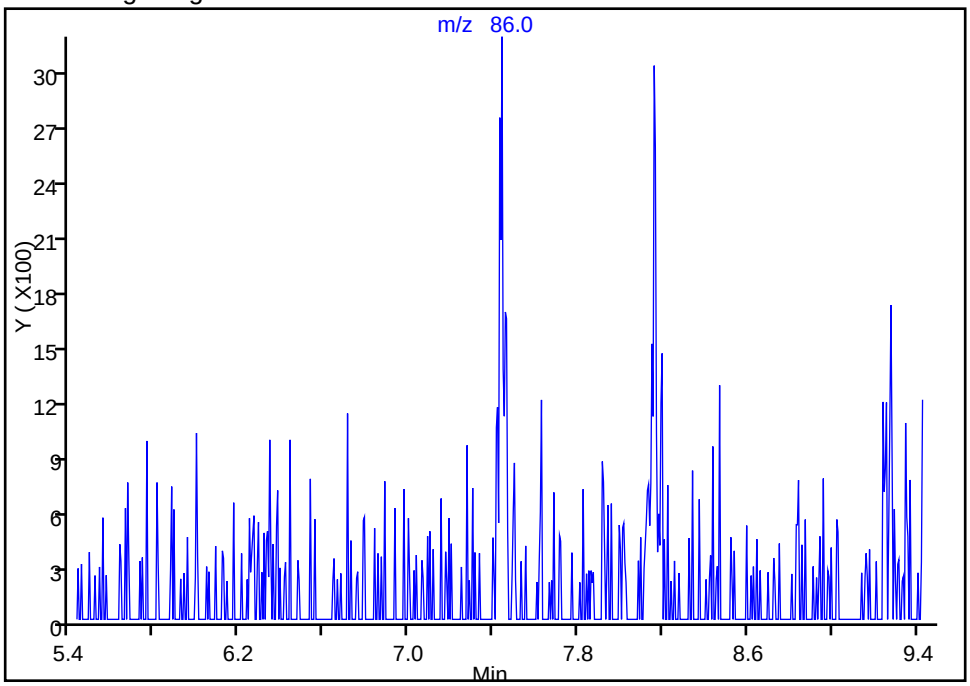
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

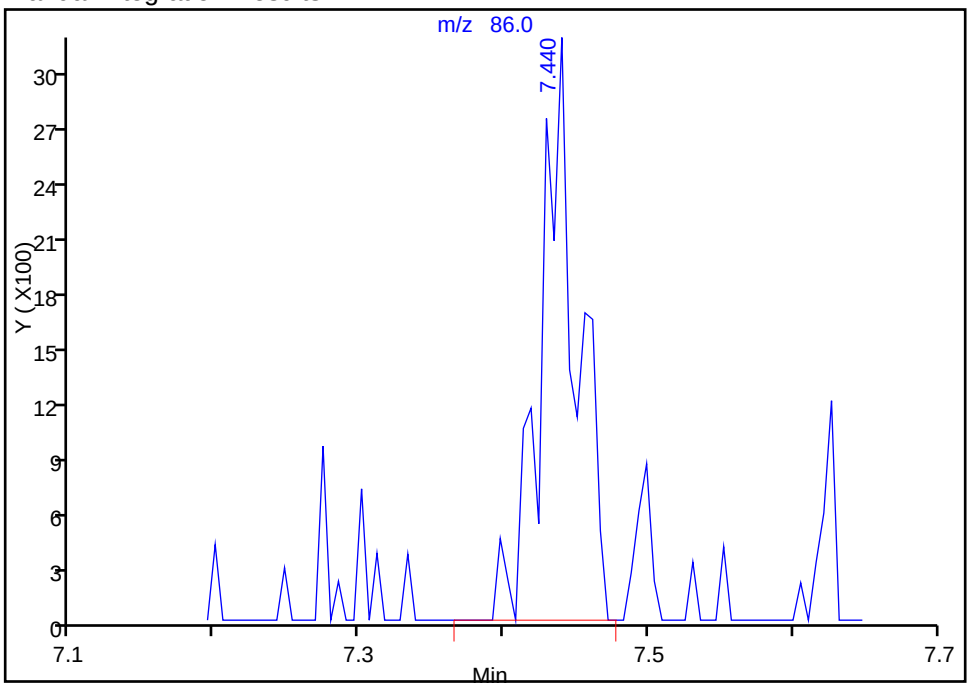
Not Detected
Expected RT: 7.43

Processing Integration Results



Manual Integration Results

RT: 7.44
Area: 5659
Amount: 0.218735
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

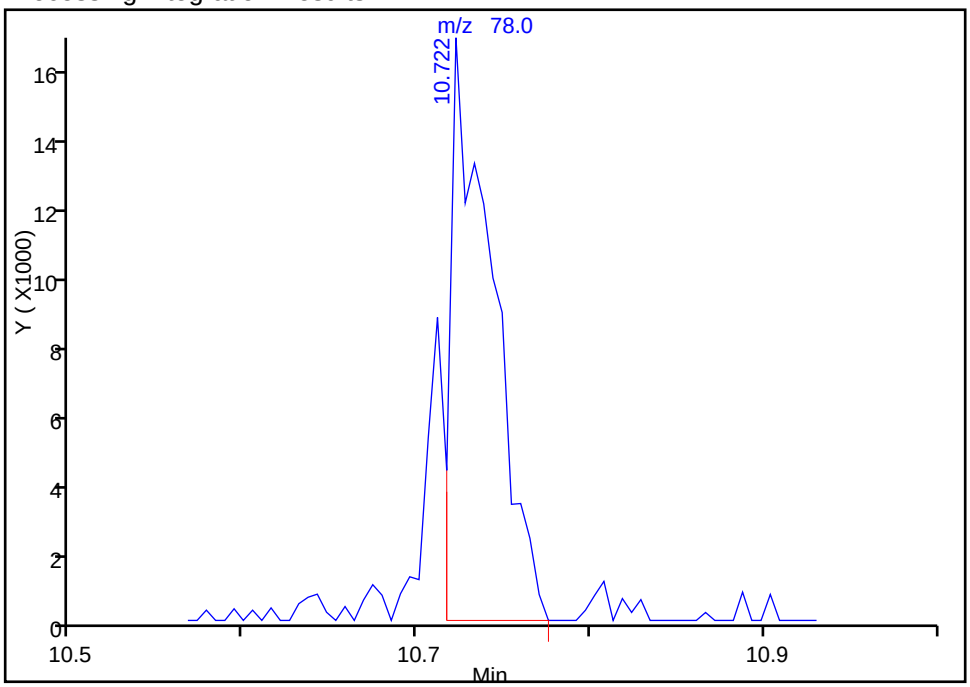
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Benzene, CAS: 71-43-2

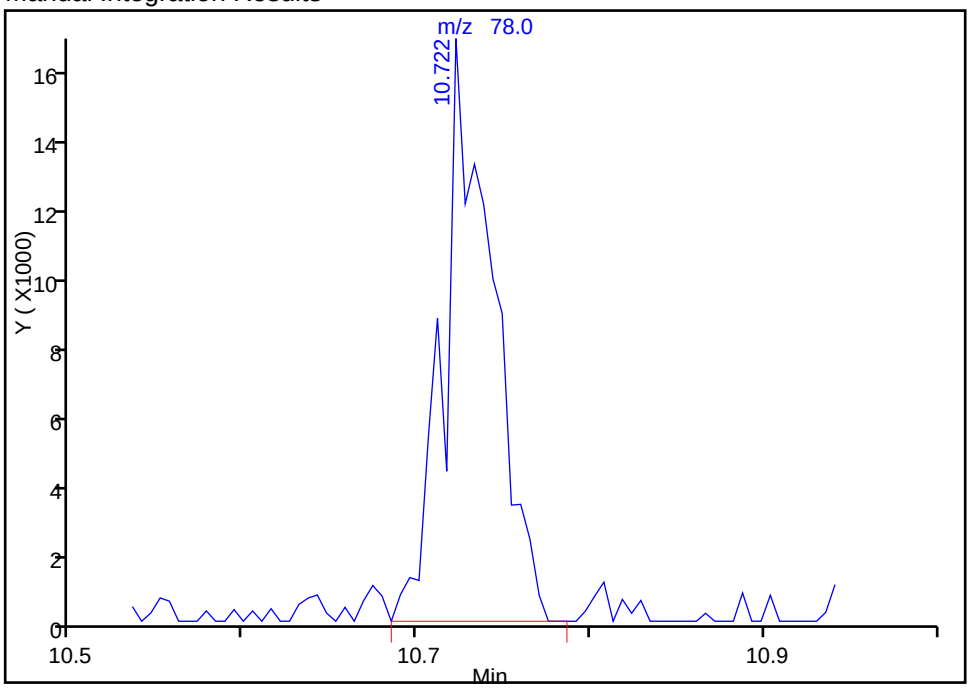
Processing Integration Results

RT: 10.72
Area: 27352
Amount: 0.165899
Amount Units: ppb v/v



Manual Integration Results

RT: 10.72
Area: 32757
Amount: 0.198682
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

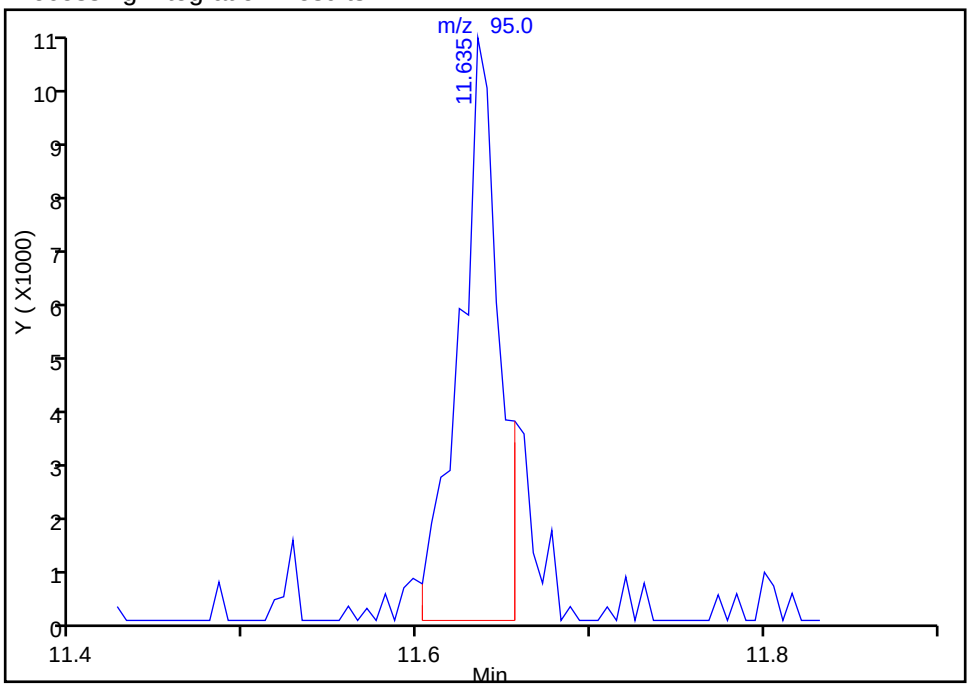
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

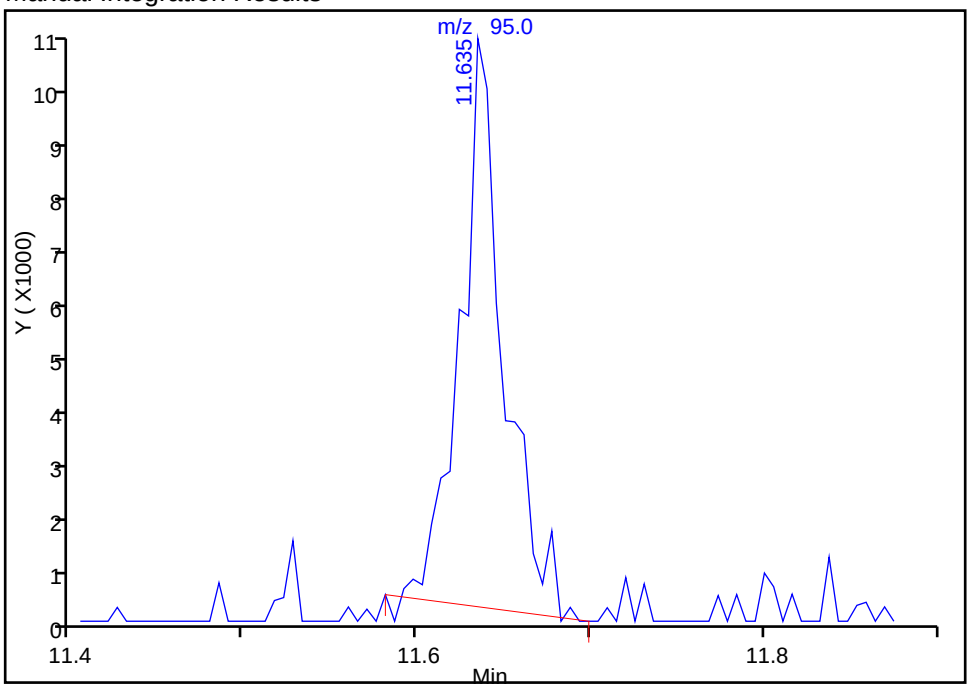
Processing Integration Results

RT: 11.63
Area: 16652
Amount: 0.203384
Amount Units: ppb v/v



Manual Integration Results

RT: 11.63
Area: 17755
Amount: 0.216856
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

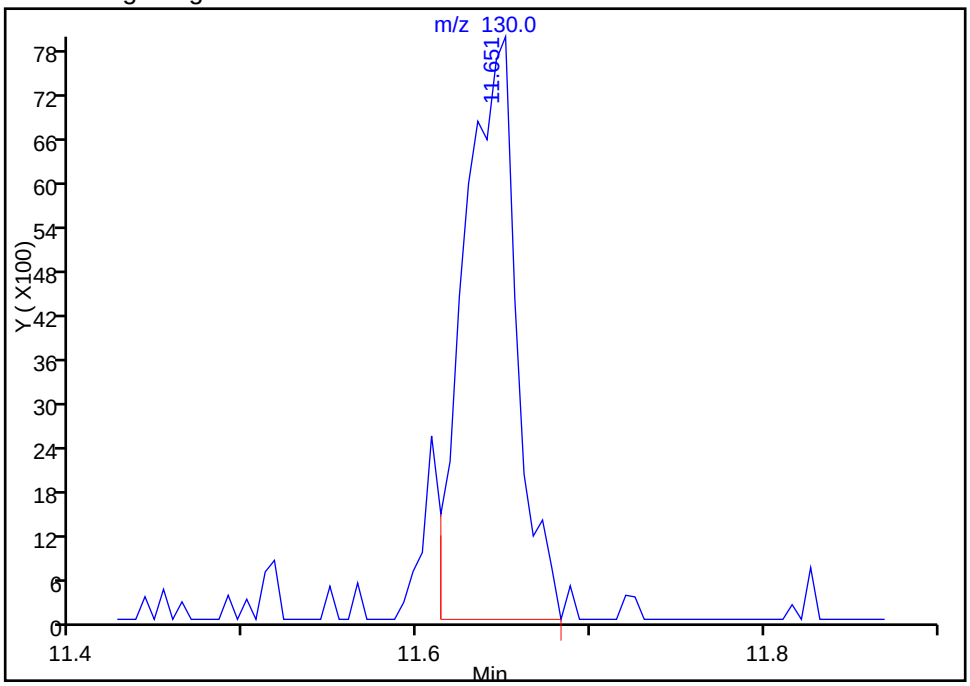
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

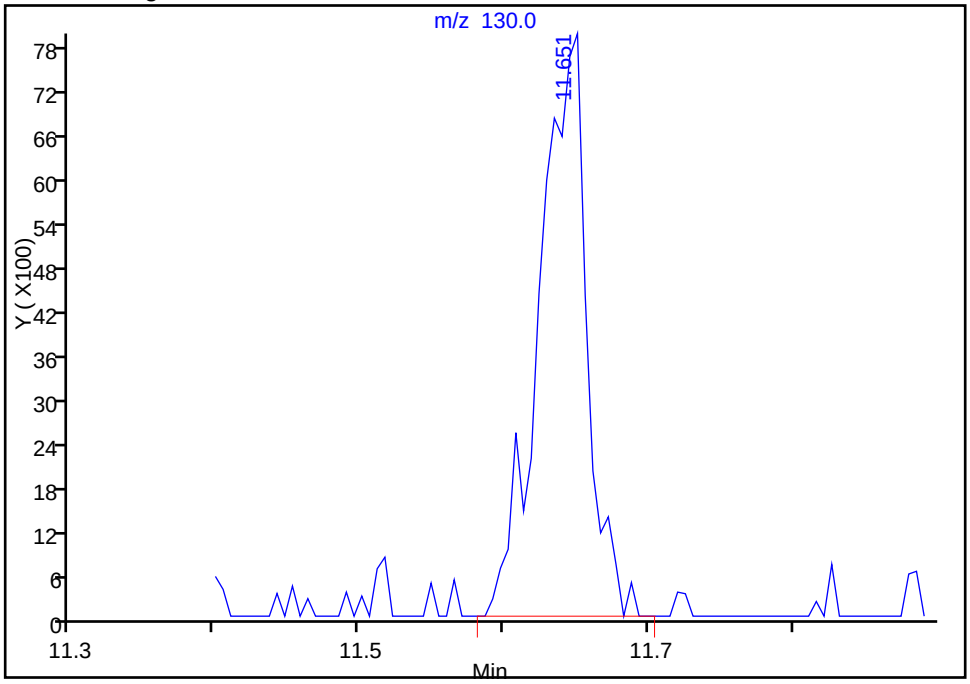
Processing Integration Results

RT: 11.65
Area: 16775
Amount: 0.203384
Amount Units: ppb v/v



Manual Integration Results

RT: 11.65
Area: 18299
Amount: 0.216856
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

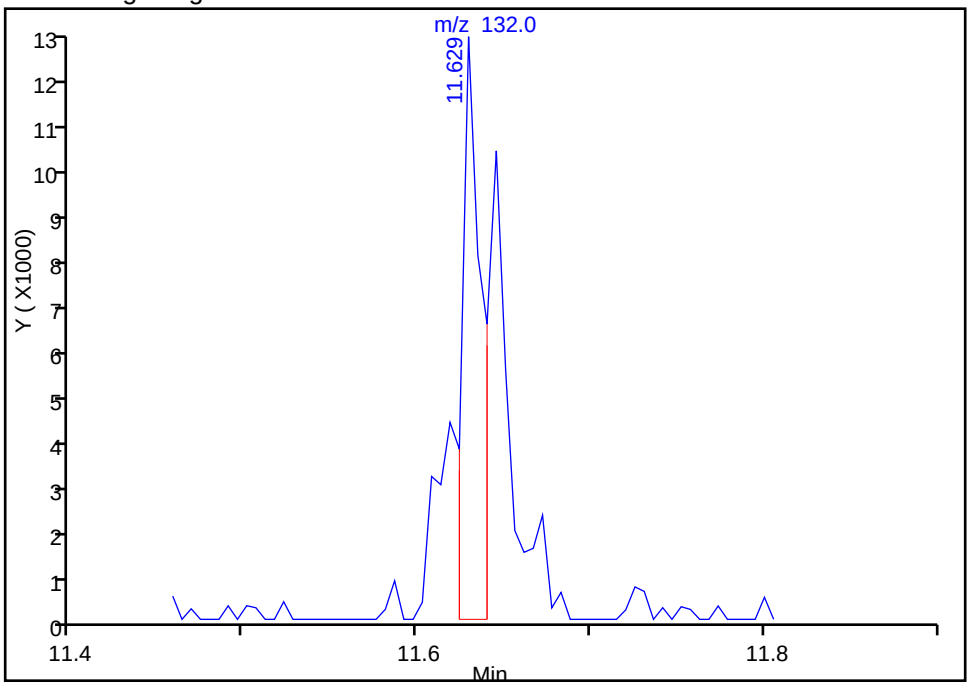
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_23a.D				
Injection Date:	30-Jan-2015 05:41:30	Instrument ID:	CHB.i		
Lims ID:	280-64806-A-29	Lab Sample ID:	200-64806-29		
Client ID:	785VMP0401NA				
Operator ID:	pad	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

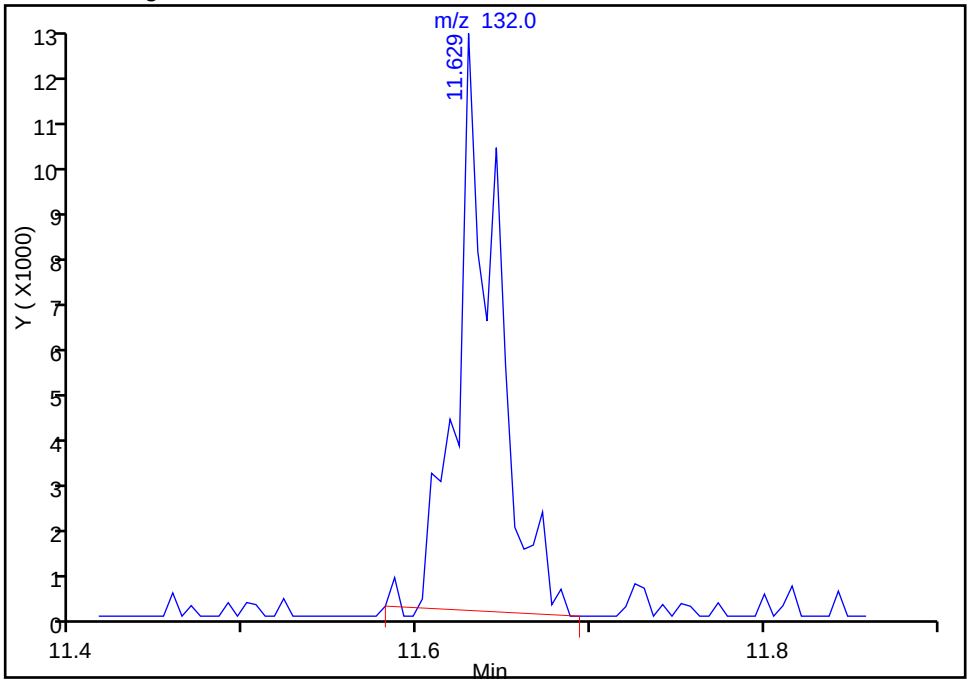
Processing Integration Results

RT: 11.63
Area: 9773
Amount: 0.203384
Amount Units: ppb v/v



Manual Integration Results

RT: 11.63
Area: 20291
Amount: 0.216856
Amount Units: ppb v/v



Reviewer: lyonsb, 30-Jan-2015 16:08:09
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NC Lab Sample ID: 280-64806-30

Matrix: Air Lab File ID: 11918_14.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 20:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.53		0.50	0.056
75-45-6	Freon 22	86.47	0.24	J	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.42	J	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.19	J M	0.20	0.045
76-13-1	Freon TF	187.38	0.090	J M	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	1.1	J	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	J	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.19	J	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.091	J M	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.25	J	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.70		0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.28	J	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	J	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.047	J M	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.18	J	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NC Lab Sample ID: 280-64806-30

Matrix: Air Lab File ID: 11918_14.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 20:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.053	J	0.20	0.037
79-01-6	Trichloroethene	131.39	0.98		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.18	J	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.037	J	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.091	J	0.50	0.025
95-47-6	Xylene, o-	106.17	0.041	J	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.13	J	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.033	J	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NC Lab Sample ID: 280-64806-30

Matrix: Air Lab File ID: 11918_14.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 20:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NC Lab Sample ID: 280-64806-30

Matrix: Air Lab File ID: 11918_14.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 20:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6		2.5	0.28
75-45-6	Freon 22	86.47	0.85	J	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	1.0	J	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	1.1	J M	1.1	0.25
76-13-1	Freon TF	187.38	0.69	J M	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	2.7	J	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	J	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.65	J	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.32	J M	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.74	J	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	3.4		0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.84	J	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	J	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.30	J M	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.57	J	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NC Lab Sample ID: 280-64806-30

Matrix: Air Lab File ID: 11918_14.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 20:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.22	J	0.82	0.15
79-01-6	Trichloroethene	131.39	5.2		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.67	J	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.16	J	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.39	J	2.2	0.11
95-47-6	Xylene, o-	106.17	0.18	J	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.57	J	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.16	J	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 786VMP0202NC Lab Sample ID: 280-64806-30

Matrix: Air Lab File ID: 11918_14.D

Analysis Method: TO-15 Date Collected: 01/26/2015 14:15

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 20:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D
Lims ID: 280-64806-A-30 Lab Sample ID: 200-64806-30
Client ID: 786VMP0202NC
Sample Type: Client
Inject. Date: 02-Feb-2015 20:16:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011918-014
Misc. Info.: 64806-30
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 03-Feb-2015 09:43:15 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: lyonsb Date: 03-Feb-2015 09:12:07

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	2 Dichlorodifluoromethane	85	2.832	2.827	0.005	98	61368	0.5343	
	3 Chlorodifluoromethane	51	2.886	2.881	0.005	98	16091	0.2399	
	4 1,2-Dichloro-1,1,2,2-tetra	85		3.095				ND	
	5 Chloromethane	50		3.223				ND	
	6 Butane	43	3.437	3.426	0.011	98	20872	0.4228	
	7 Vinyl chloride	62		3.469				ND	
	8 Butadiene	54		3.549				ND	
	9 Bromomethane	94		4.229				ND	
	10 Chloroethane	64		4.480				ND	
	12 Vinyl bromide	106		4.881				ND	
	13 Trichlorofluoromethane	101	5.010	4.994	0.016	97	18874	0.1895	M
	19 1,1,2-Trichloro-1,2,2-trif	101	6.117	6.123	-0.005	40	5377	0.0903	M
	20 1,1-Dichloroethene	96		6.155				ND	
	21 Acetone	43	6.422	6.401	0.021	73	61836	1.14	7
	22 Carbon disulfide	76		6.529				ND	
	23 Isopropyl alcohol	45	6.786	6.743	0.043	97	19043	0.5046	
	24 3-Chloro-1-propene	41		6.968				ND	
	26 Methylene Chloride	49	7.267	7.267	0.000	93	8073	0.1882	
	27 2-Methyl-2-propanol	59		7.546				ND	
	28 Methyl tert-butyl ether	73	7.690	7.711	-0.021	1	142	0.001953	
	29 trans-1,2-Dichloroethene	61		7.727				ND	
	31 Hexane	57	8.150	8.150	0.000	50	3275	0.0908	M
	32 1,1-Dichloroethane	63		8.615				ND	
	34 cis-1,2-Dichloroethene	96		9.744				ND	
	35 2-Butanone (MEK)	72	9.841	9.814	0.027	88	3086	0.2505	
S	37 1,2-Dichloroethene, Total	61		10.200				ND	
*	38 Chlorobromomethane	128	10.210	10.210	0.000	94	280217	10.0	
	39 Tetrahydrofuran	42	10.263	10.231	0.032	80	9545	0.2839	
	40 Chloroform	83	10.354	10.359	-0.005	94	53631	0.6961	
	41 Cyclohexane	84		10.611				ND	
	42 1,1,1-Trichloroethane	97	10.643	10.627	0.016	65	6502	0.0800	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	43 Carbon tetrachloride	117	10.884	10.884	0.000	64	4350	0.0473	M
	44 Benzene	78	11.355	11.344	0.011	97	16015	0.1787	
	45 Isooctane	57		11.349				ND	
	46 1,2-Dichloroethane	62		11.526				ND	
	47 n-Heptane	43	11.750	11.750	0.000	56	3420	0.0535	
*	48 1,4-Difluorobenzene	114	12.205	12.205	0.000	97	1418218	10.0	
	50 Trichloroethene	95	12.665	12.665	0.000	89	48994	0.9766	
	52 1,2-Dichloropropane	63		13.216				ND	
	53 Methyl methacrylate	69		13.425				ND	
	54 1,4-Dioxane	88		13.457				ND	
	56 Dichlorobromomethane	83		13.778				ND	
	58 cis-1,3-Dichloropropene	75		14.768				ND	
	59 4-Methyl-2-pentanone (MIBK	43		15.089				ND	
	61 Toluene	92	15.383	15.388	-0.005	89	10063	0.1772	
	64 trans-1,3-Dichloropropene	75		16.009				ND	
	65 1,1,2-Trichloroethane	83		16.383				ND	
	66 Tetrachloroethene	166		16.506				ND	
	67 2-Hexanone	43		16.875				ND	
	68 Chlorodibromomethane	129		17.164				ND	
	69 Ethylene Dibromide	107		17.432				ND	
*	70 Chlorobenzene-d5	117	18.363	18.363	0.000	96	1234563	10.0	
	71 Chlorobenzene	112		18.421				ND	
	72 Ethylbenzene	91	18.593	18.593	0.000	3	4738	0.0372	
	74 m-Xylene & p-Xylene	106	18.860	18.849	0.011	0	4485	0.0908	
	75 o-Xylene	106	19.705	19.700	0.005	50	2040	0.0413	
	76 Styrene	104		19.748				ND	
S	77 Xylenes, Total	106				0		0.1321	
	78 Bromoform	173		20.165				ND	
	79 Isopropylbenzene	105		20.406				ND	
*	80 4-Bromofluorobenzene	95	20.770	20.770	0.000	87	979168	10.0	
	81 1,1,2,2-Tetrachloroethane	83		21.054				ND	
	82 N-Propylbenzene	91		21.139				ND	
	84 2-Chlorotoluene	91		21.332				ND	
	85 4-Ethyltoluene	105		21.332				ND	
	87 1,3,5-Trimethylbenzene	105		21.444				ND	
	89 tert-Butylbenzene	119		21.936				ND	
	90 1,2,4-Trimethylbenzene	105	22.033	22.027	0.006	31	3842	0.0328	
	91 sec-Butylbenzene	105		22.263				ND	
	92 4-Isopropyltoluene	119		22.466				ND	
	93 1,3-Dichlorobenzene	146		22.482				ND	
	94 1,4-Dichlorobenzene	146		22.616				ND	
	95 Benzyl chloride	91		22.808				ND	
	96 n-Butylbenzene	91		23.033				ND	
	98 1,2-Dichlorobenzene	146		23.140				ND	
	100 1,2,4-Trichlorobenzene	180		25.595				ND	
	101 Hexachlorobutadiene	225		25.793				ND	
	102 Naphthalene	128		26.066				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

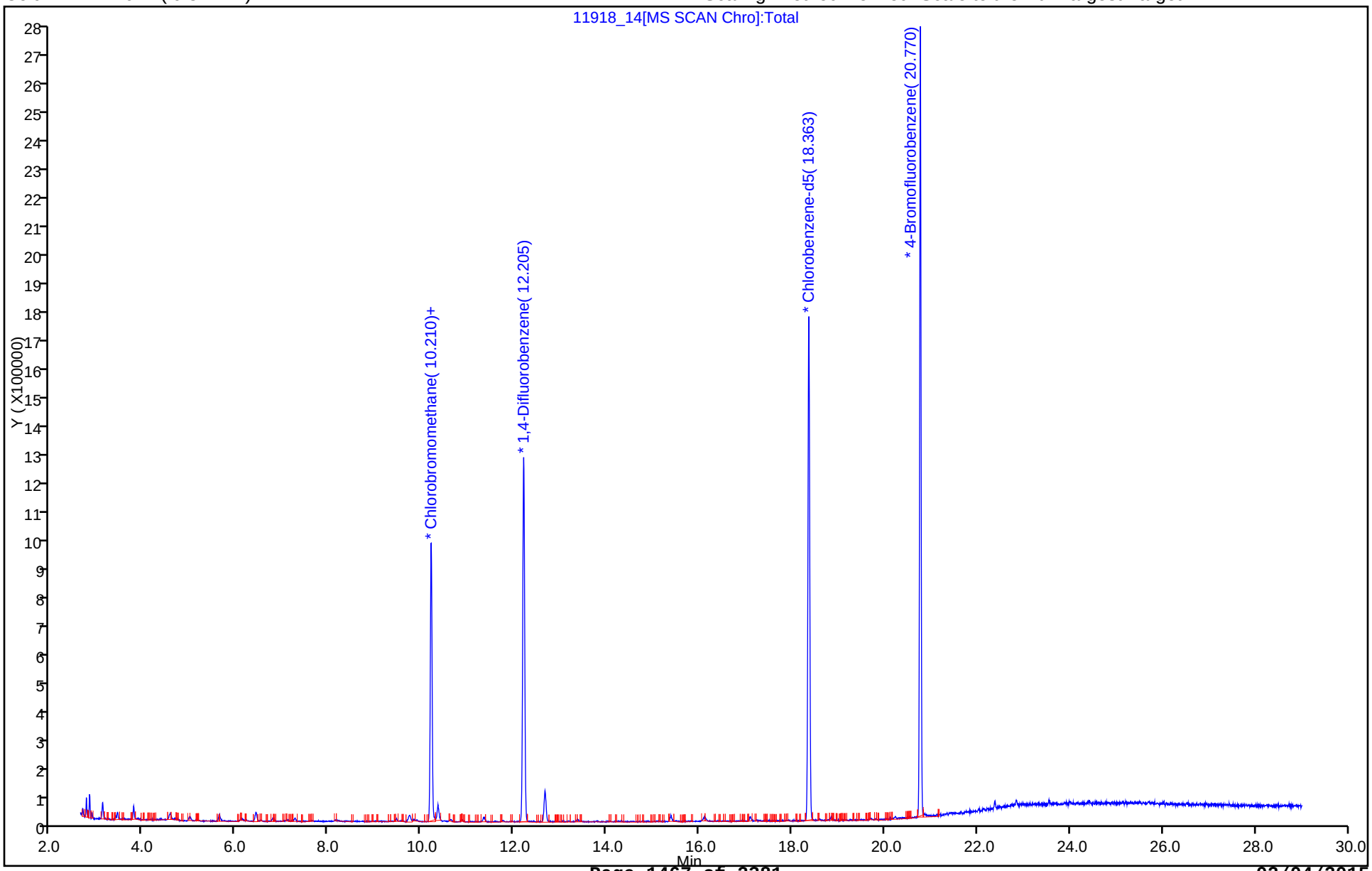
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D

Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30	Worklist Smp#:	14
Client ID:	786VMP0202NC				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

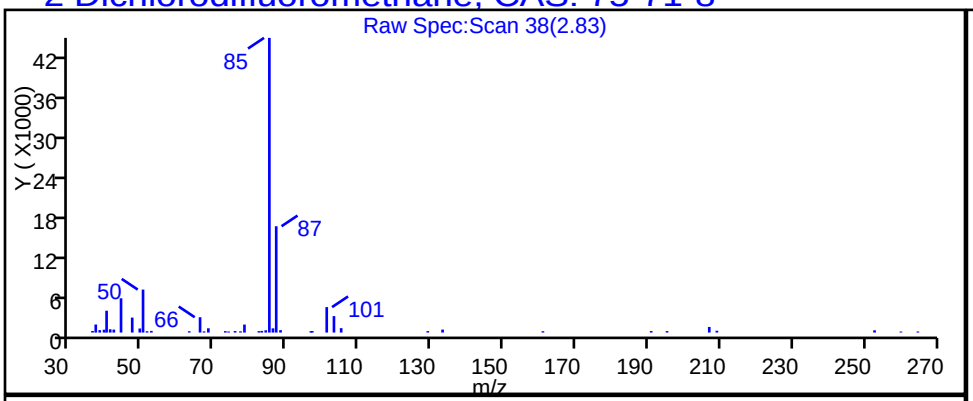


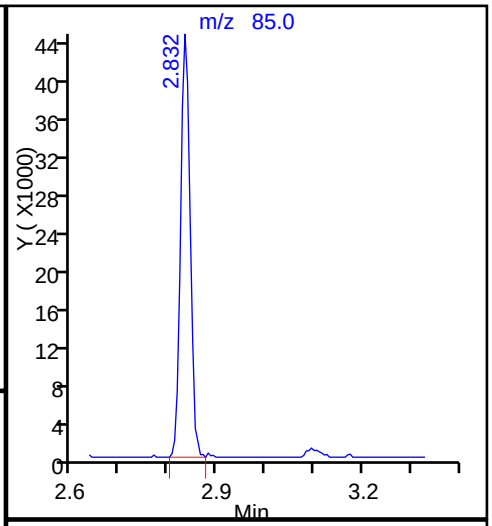
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

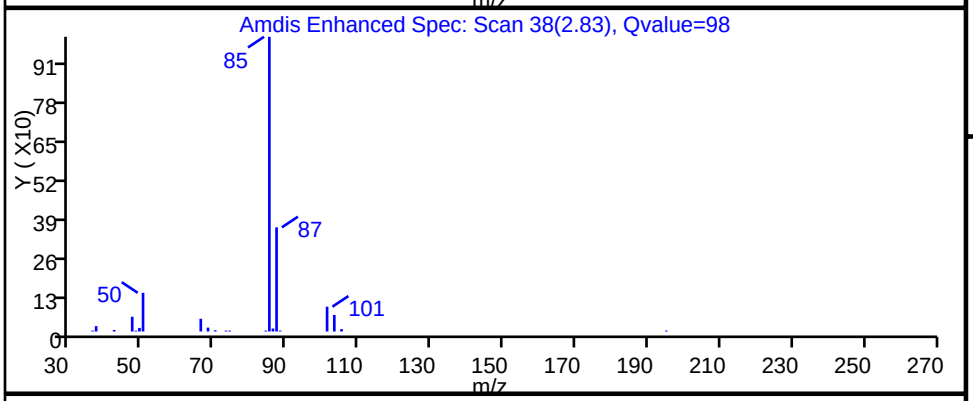
TestAmerica Burlington

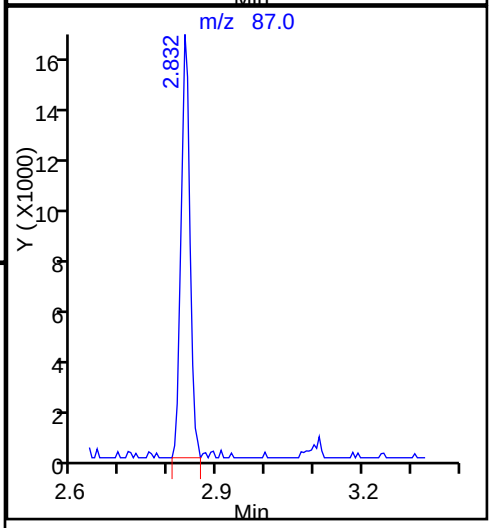
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

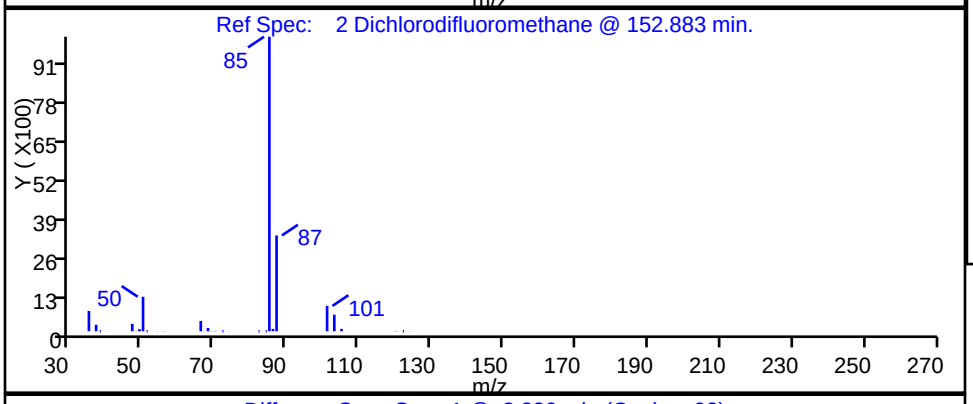
2 Dichlorodifluoromethane, CAS: 75-71-8

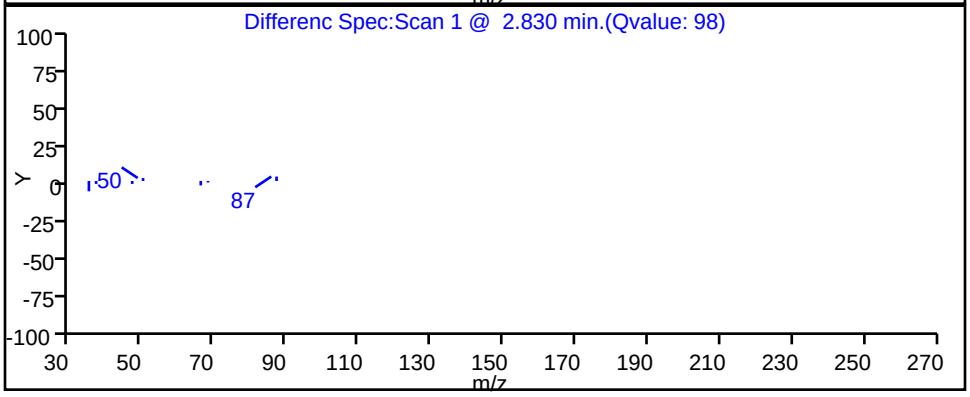










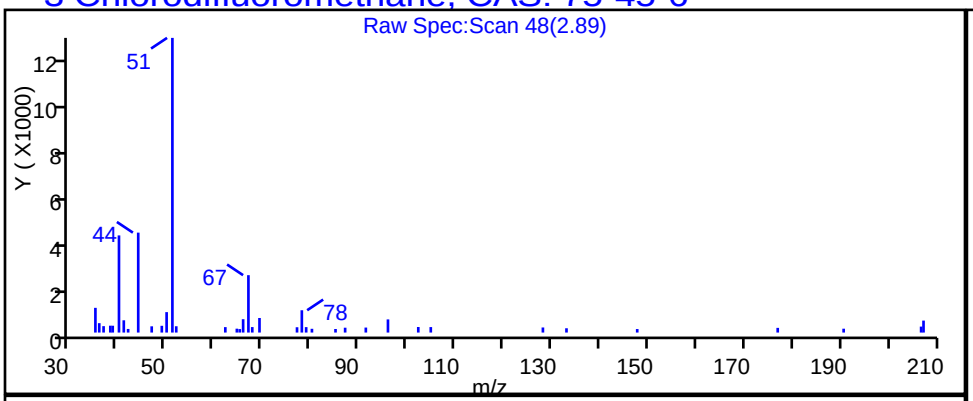


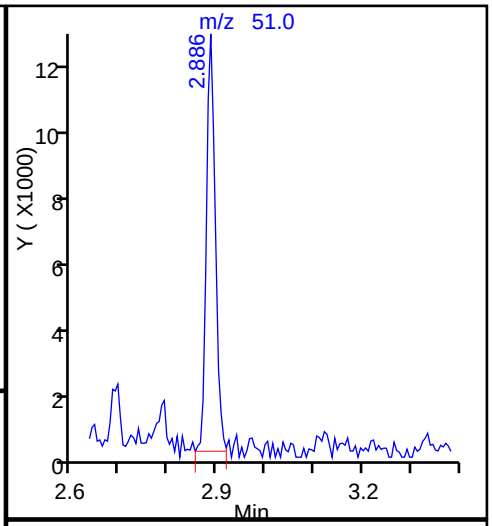
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

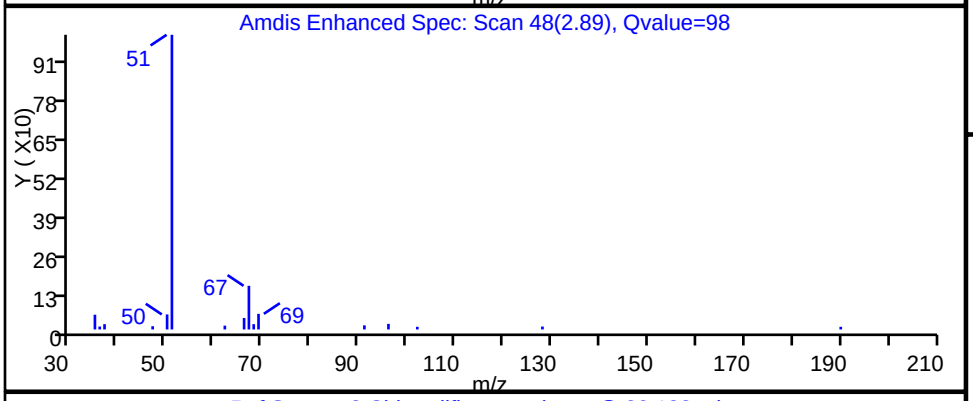
TestAmerica Burlington

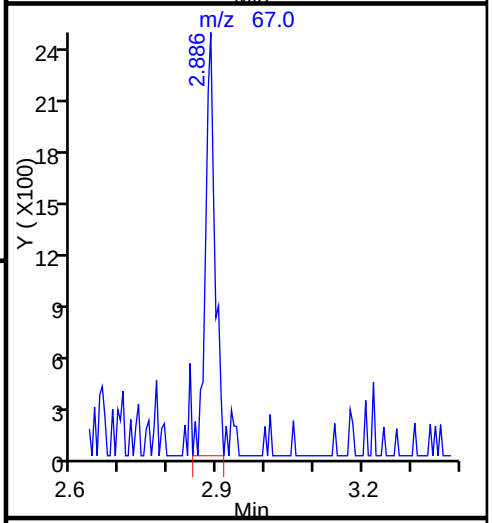
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

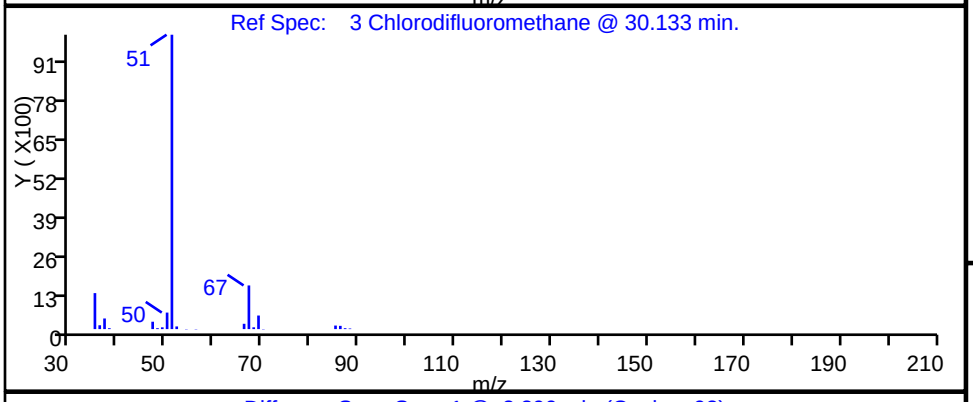
3 Chlorodifluoromethane, CAS: 75-45-6

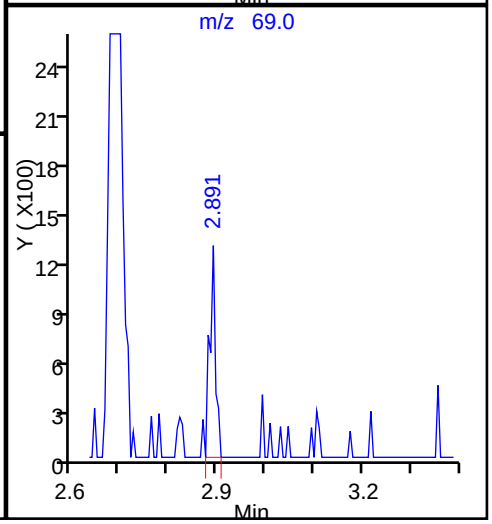


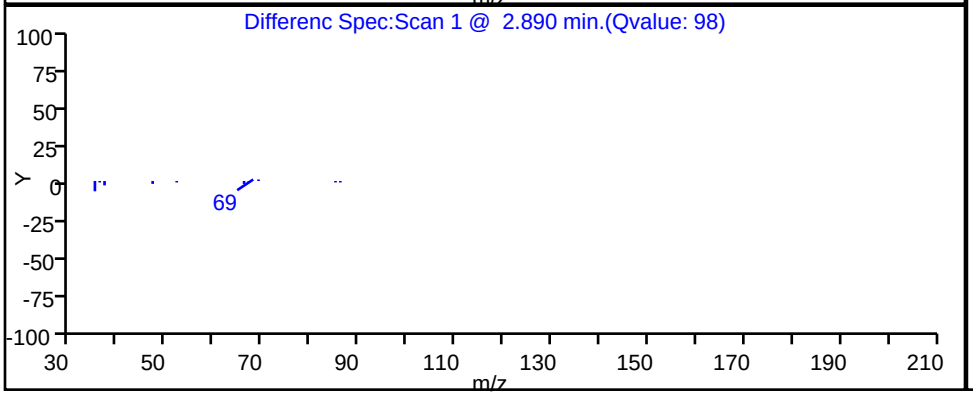








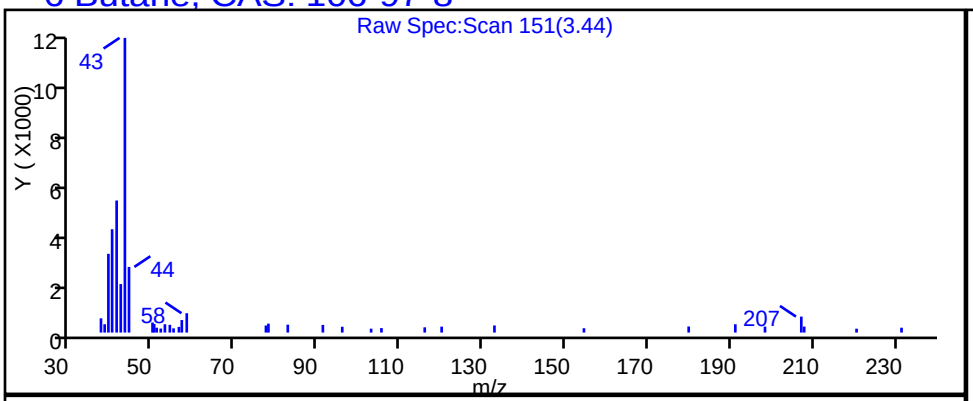


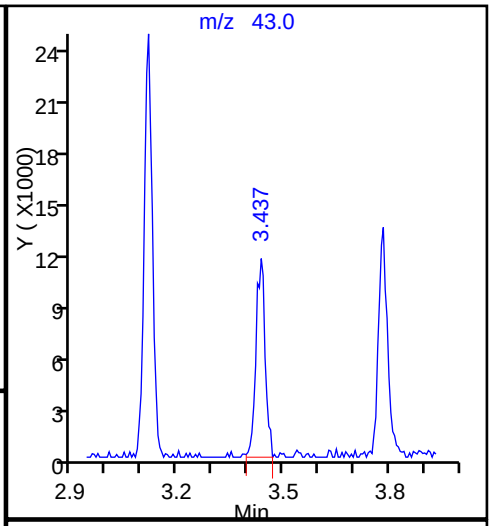


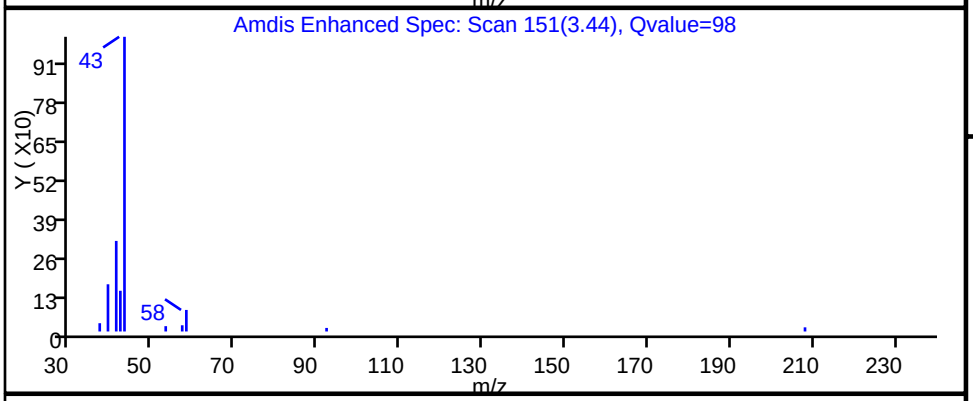
TestAmerica Burlington

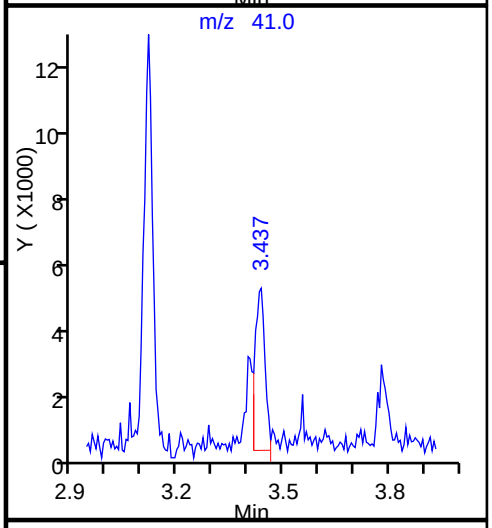
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

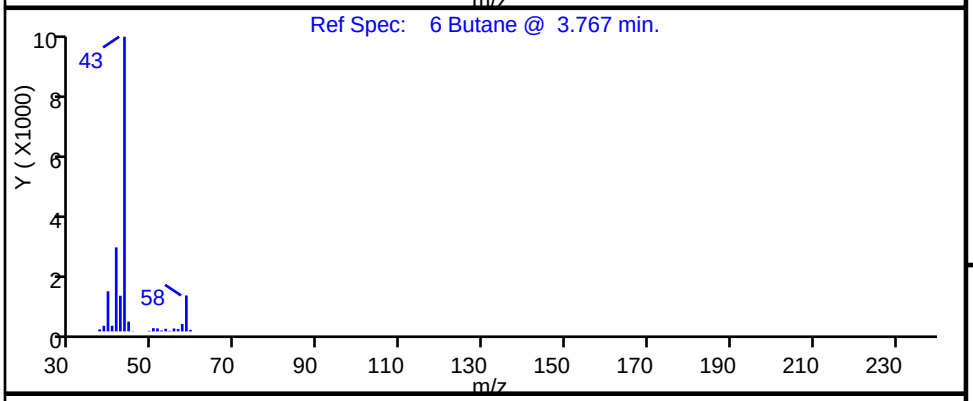
6 Butane, CAS: 106-97-8

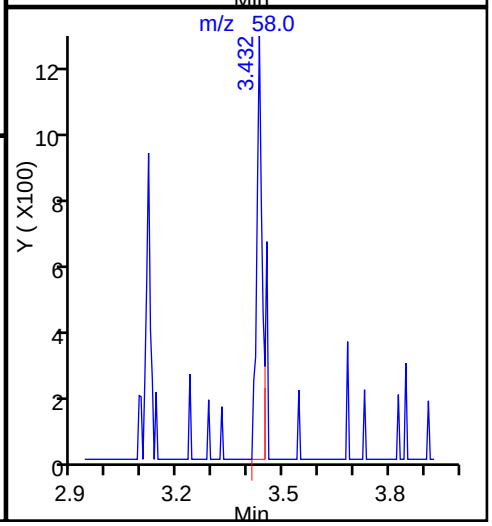


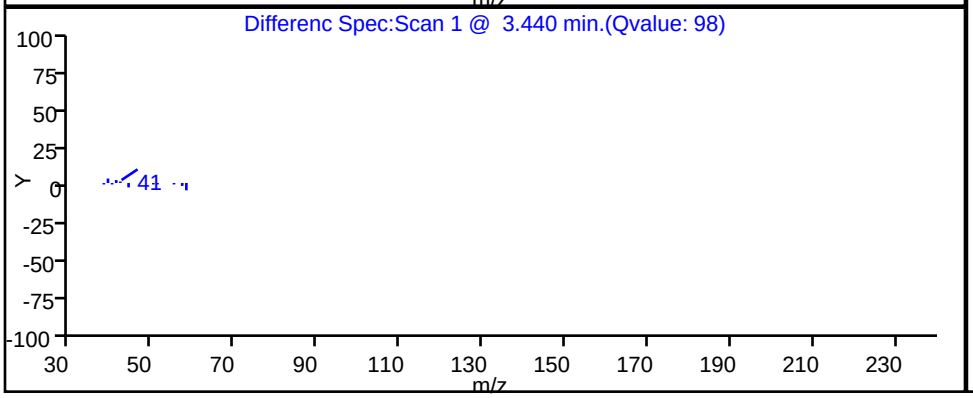












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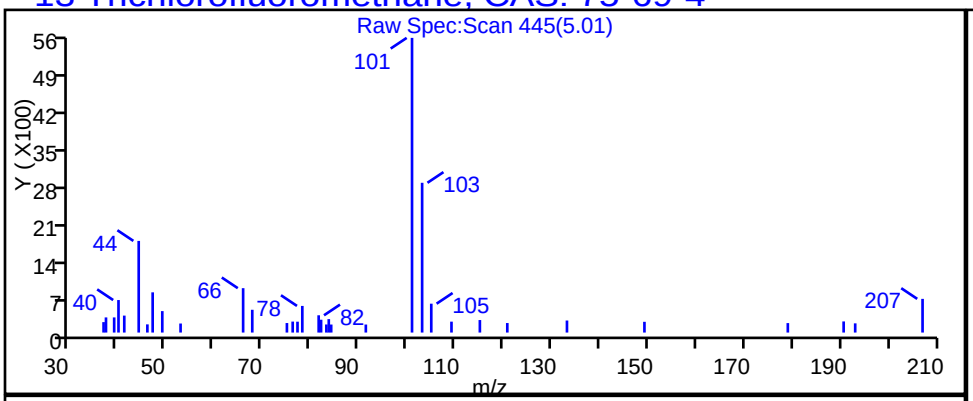
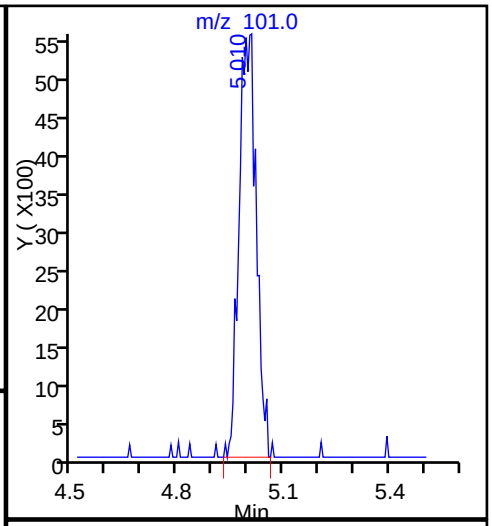
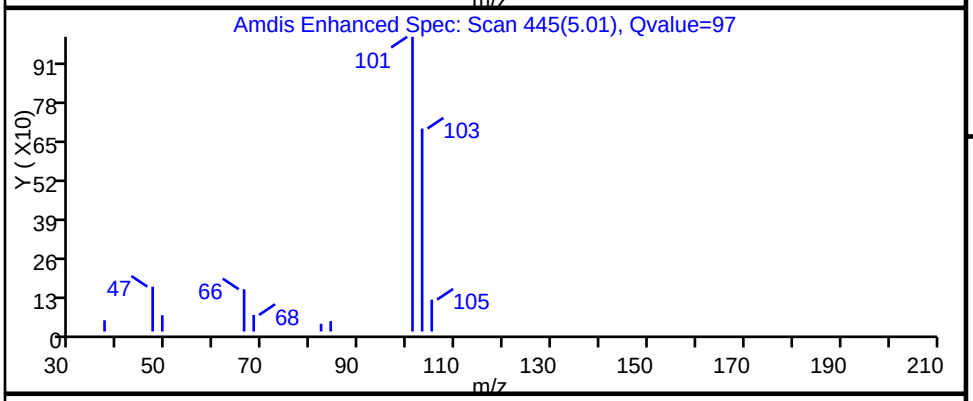
TestAmerica Burlington

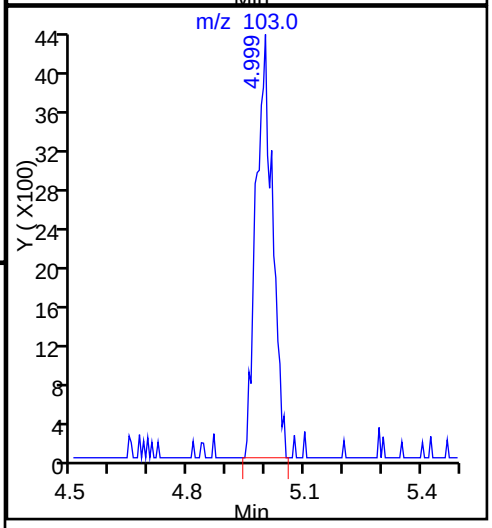
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

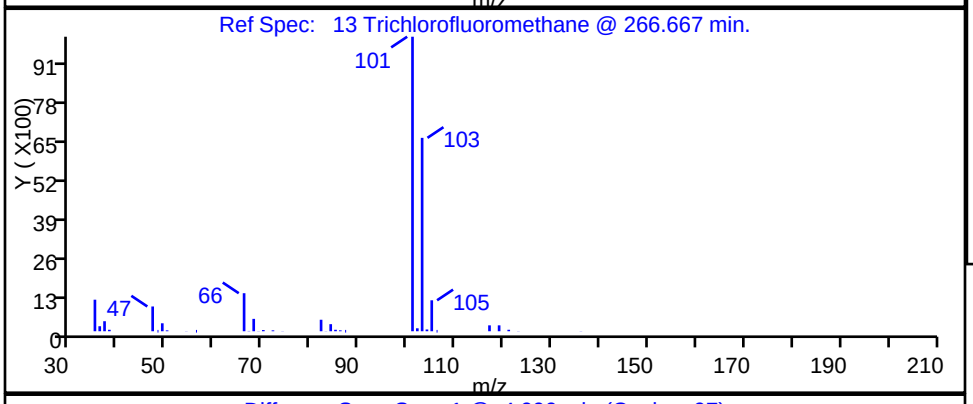
13 Trichlorofluoromethane, CAS: 75-69-4

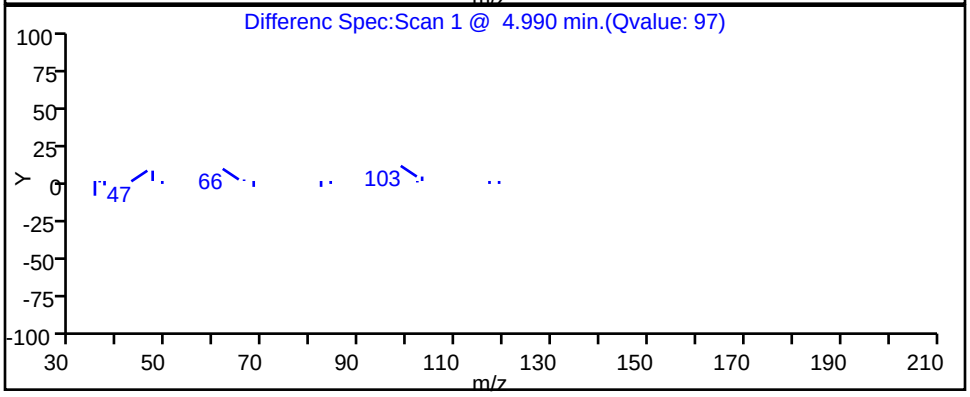












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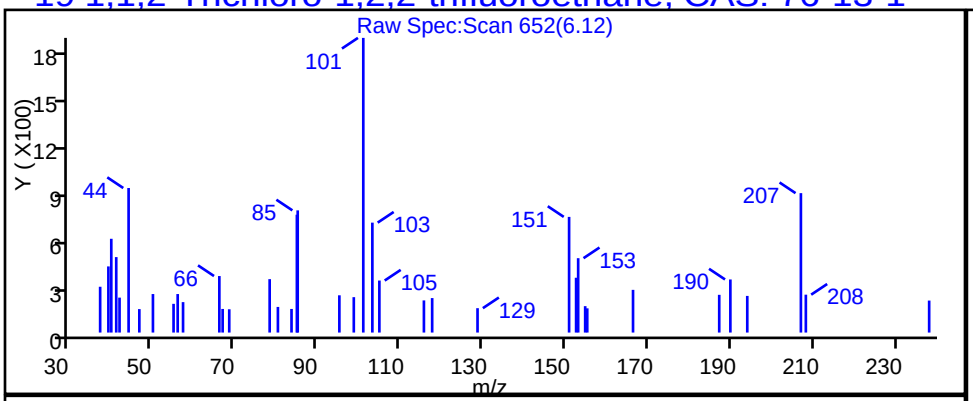
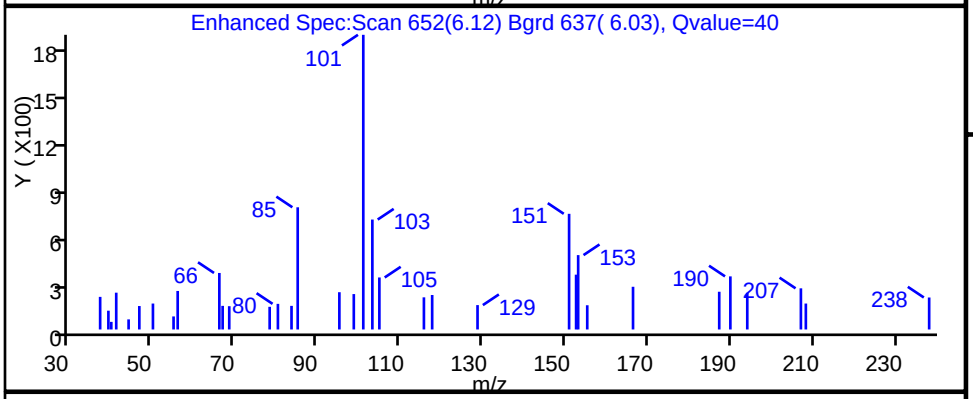
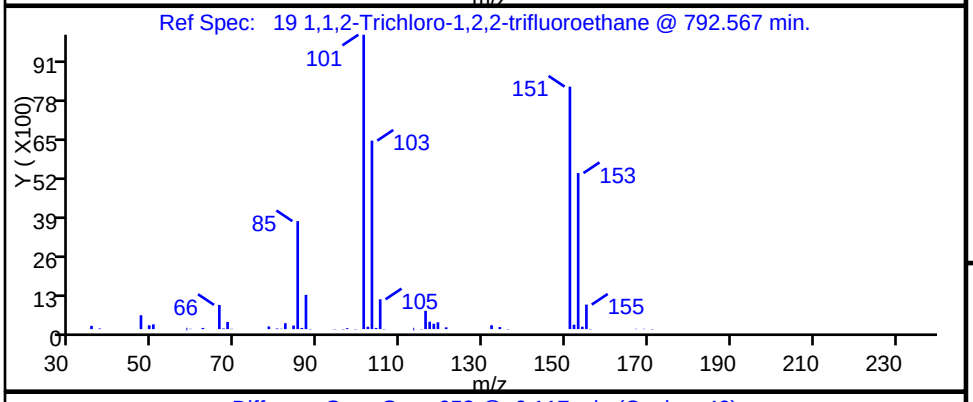
TestAmerica Burlington

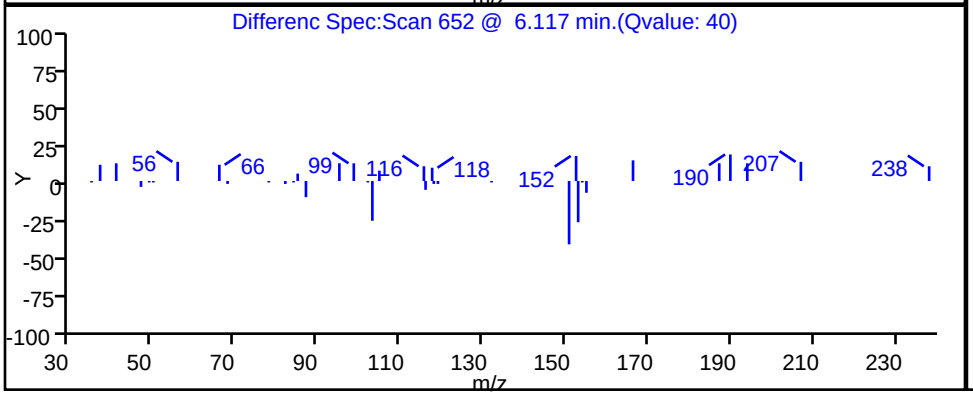
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

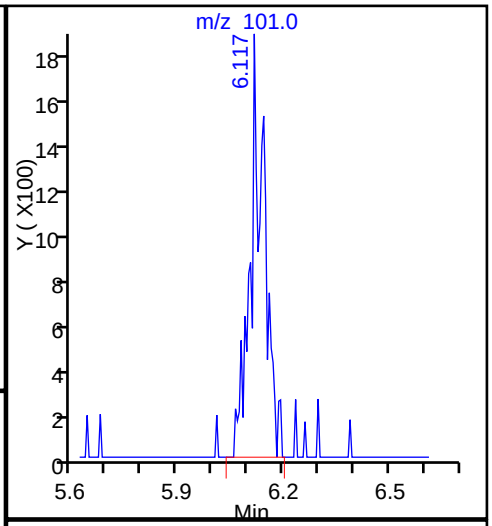
19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

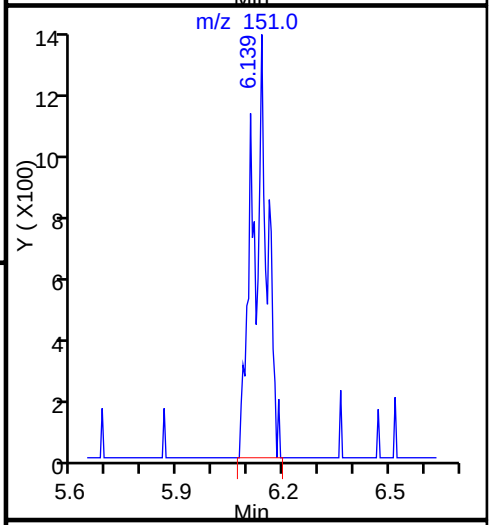


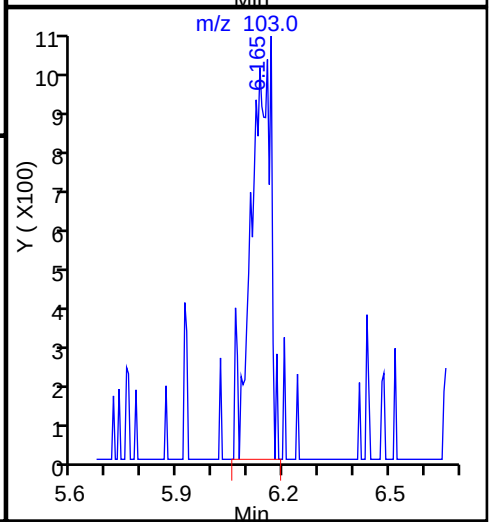












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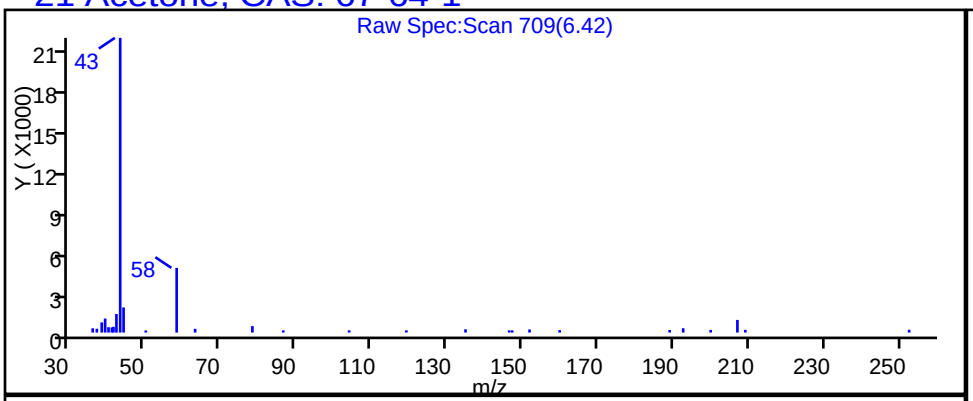
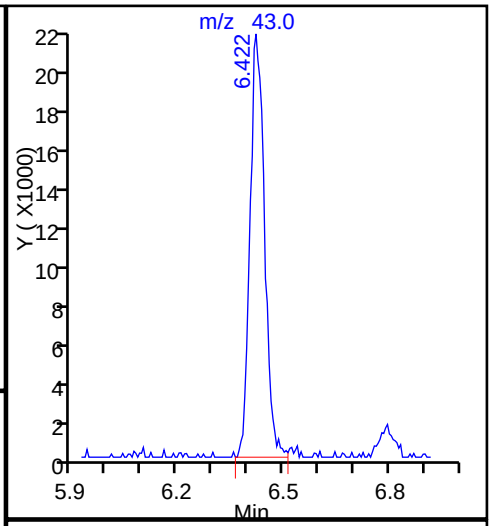
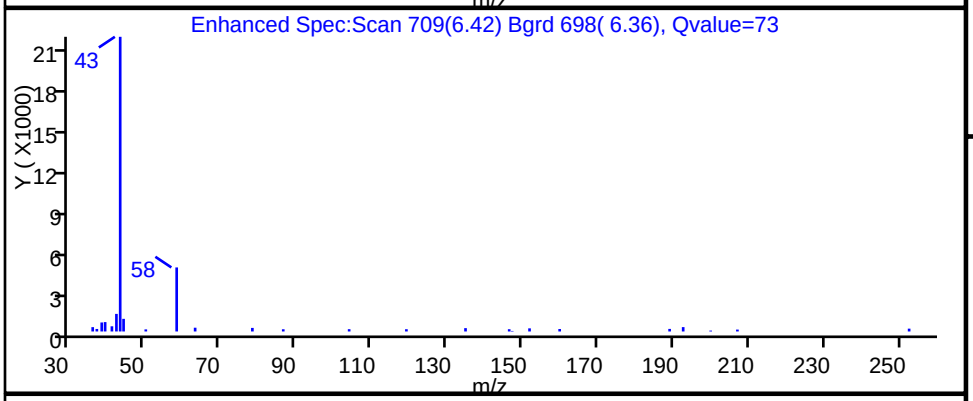
TestAmerica Burlington

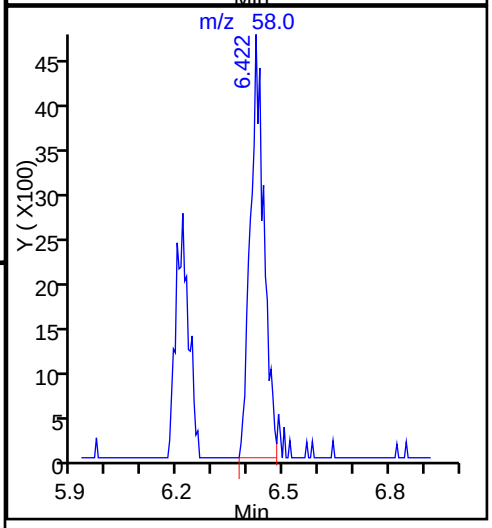
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

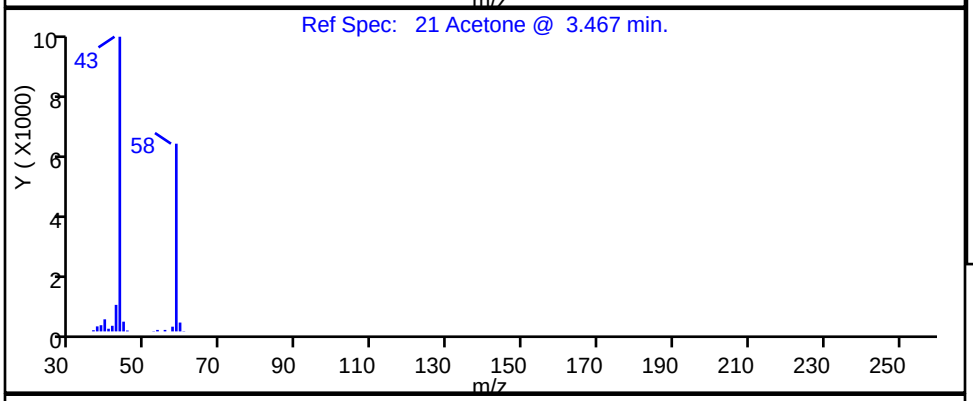
21 Acetone, CAS: 67-64-1

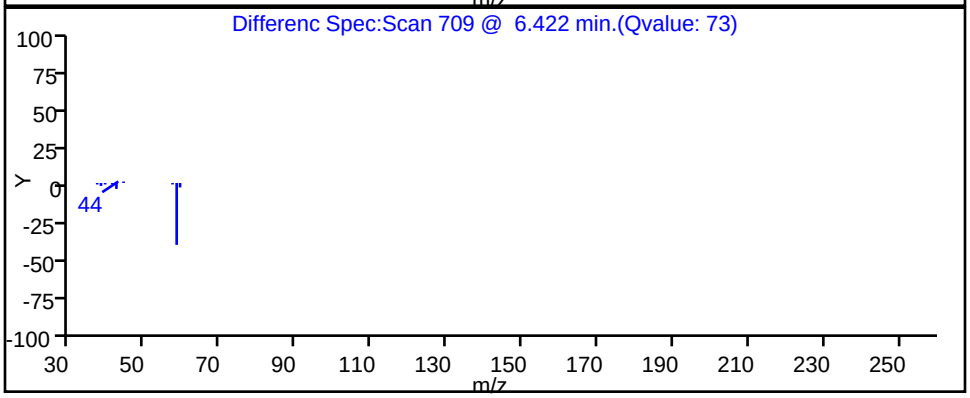












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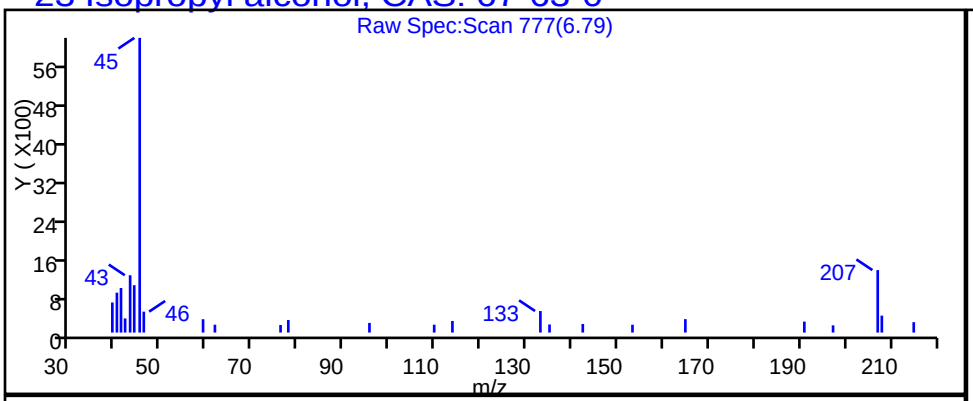
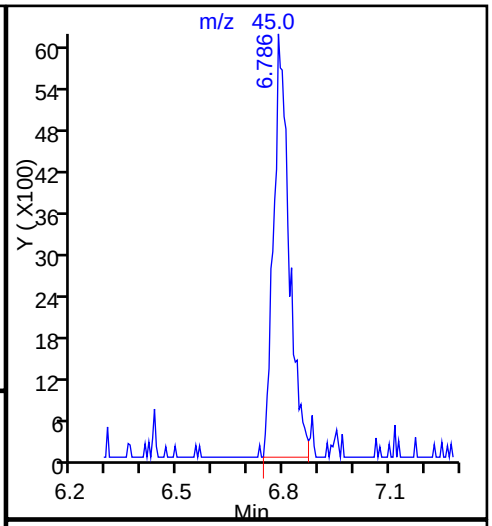
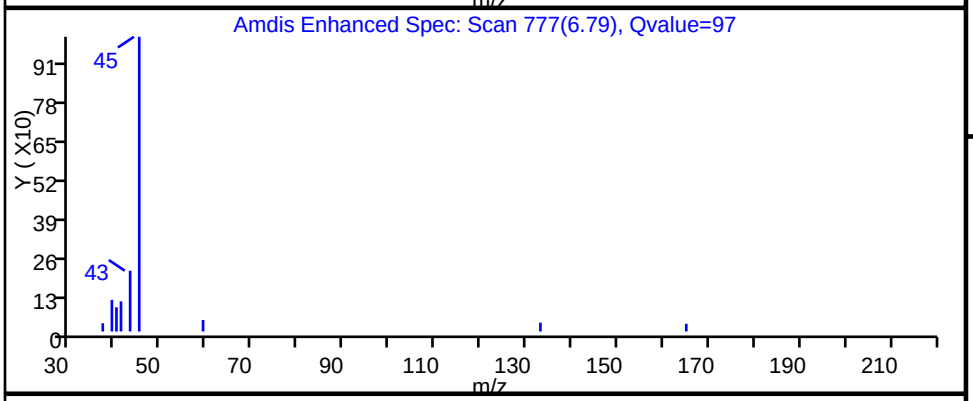
TestAmerica Burlington

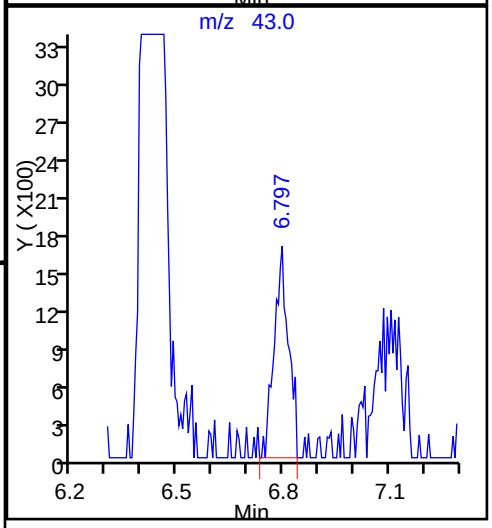
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

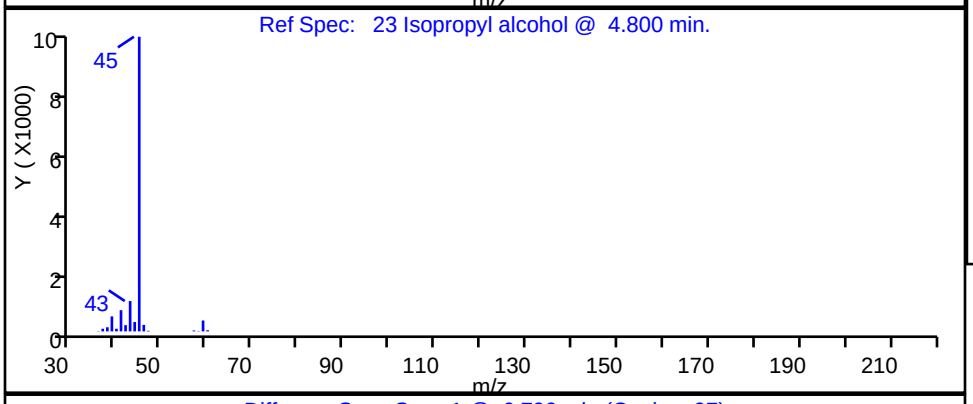
23 Isopropyl alcohol, CAS: 67-63-0

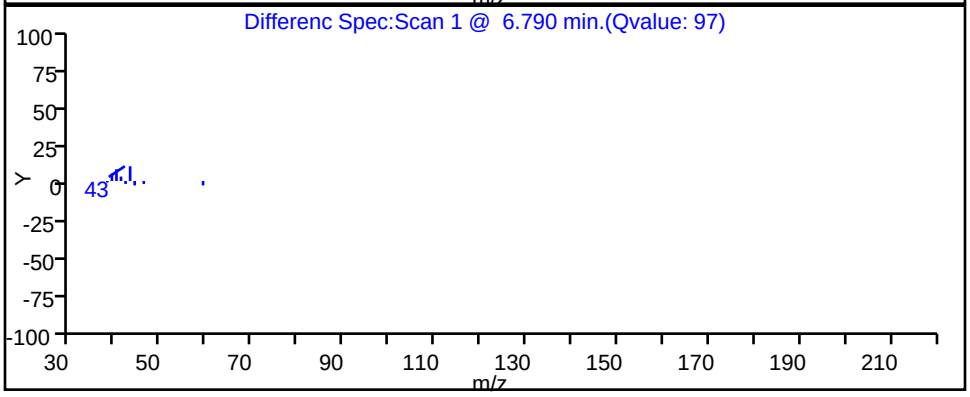












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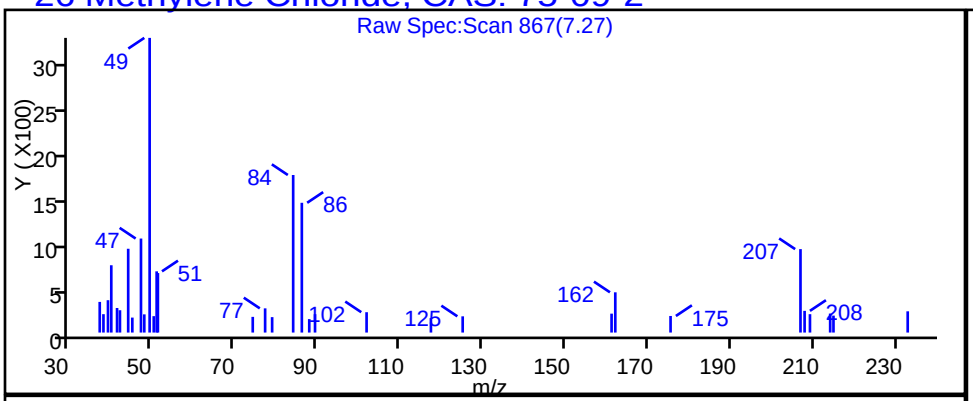
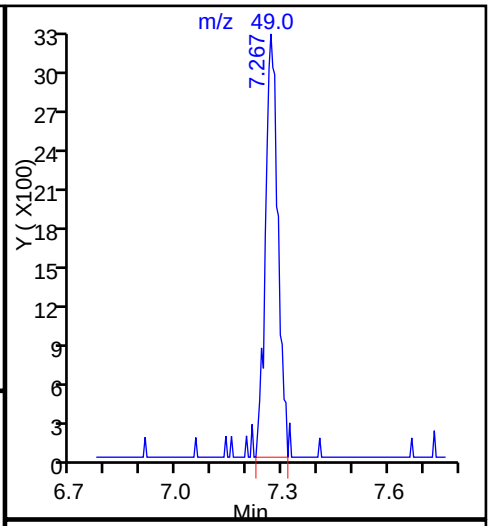
TestAmerica Burlington

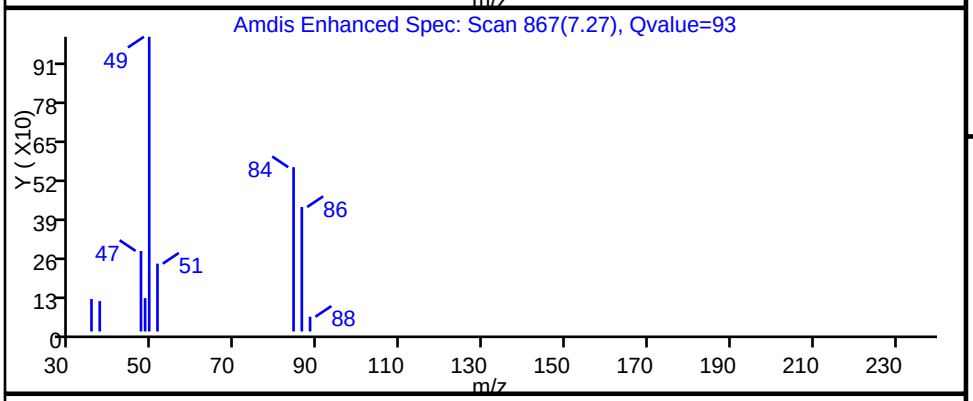
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D

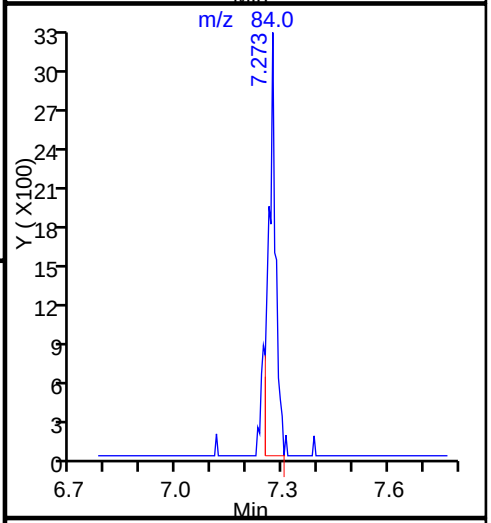
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

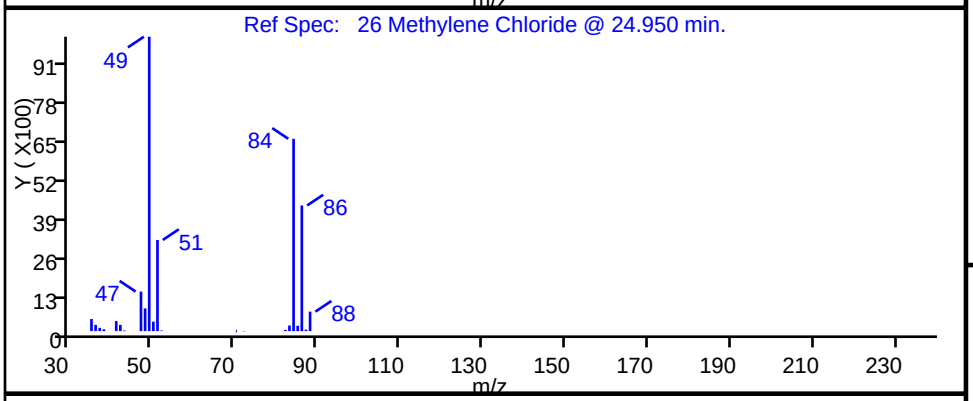
26 Methylene Chloride, CAS: 75-09-2

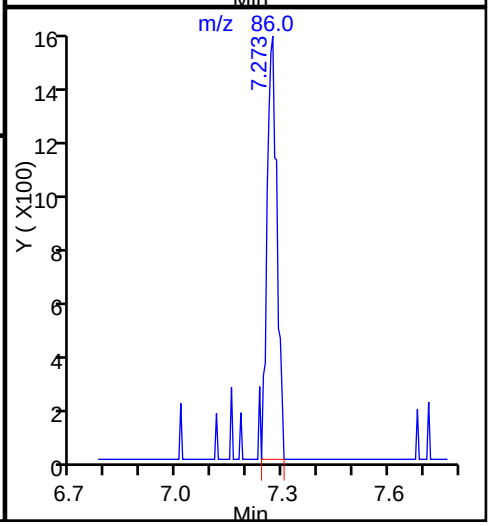


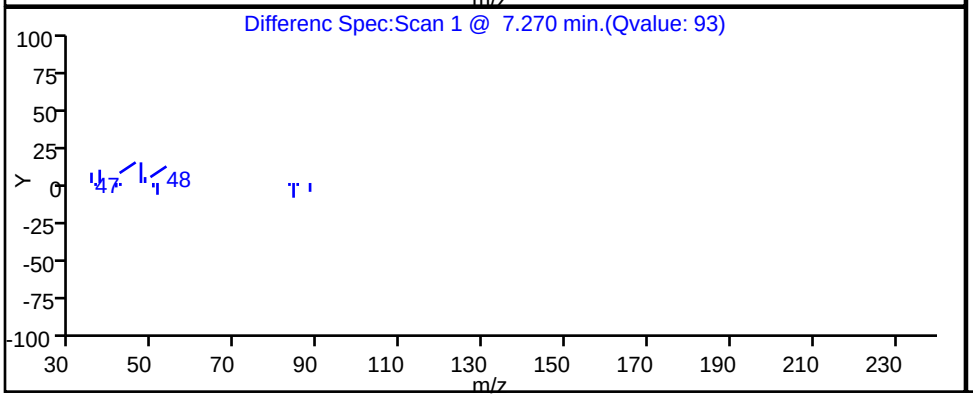








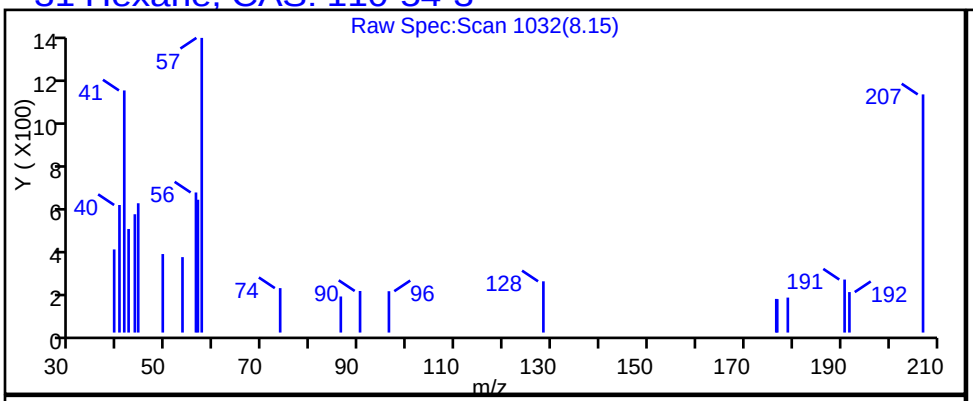


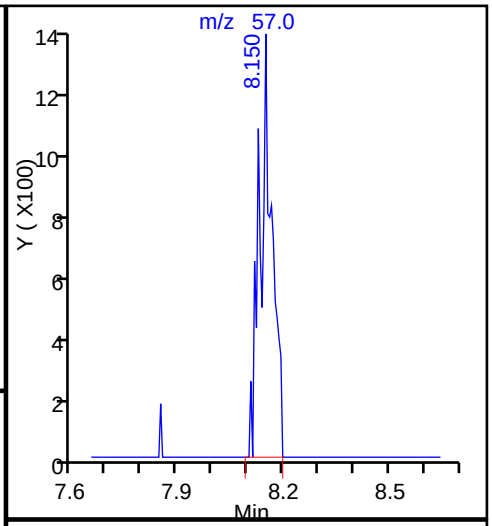


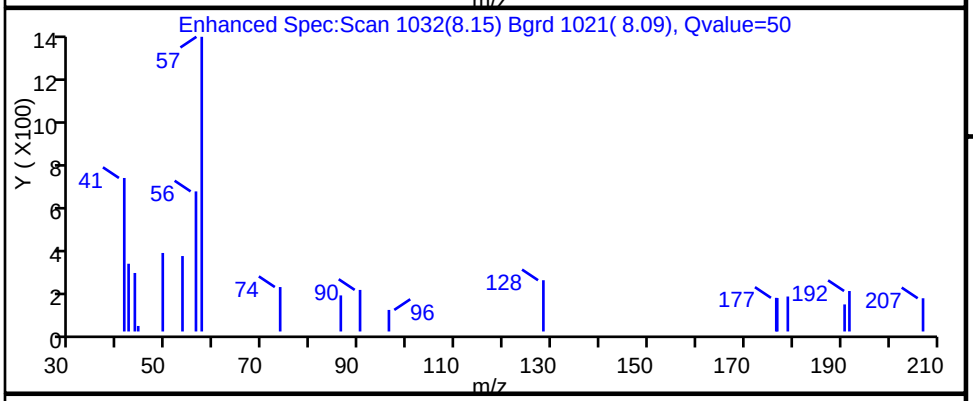
TestAmerica Burlington

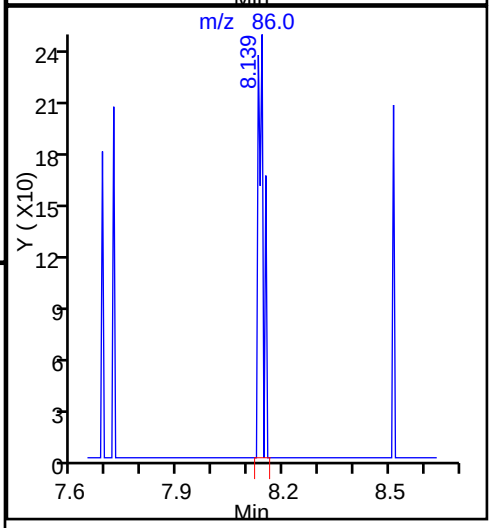
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

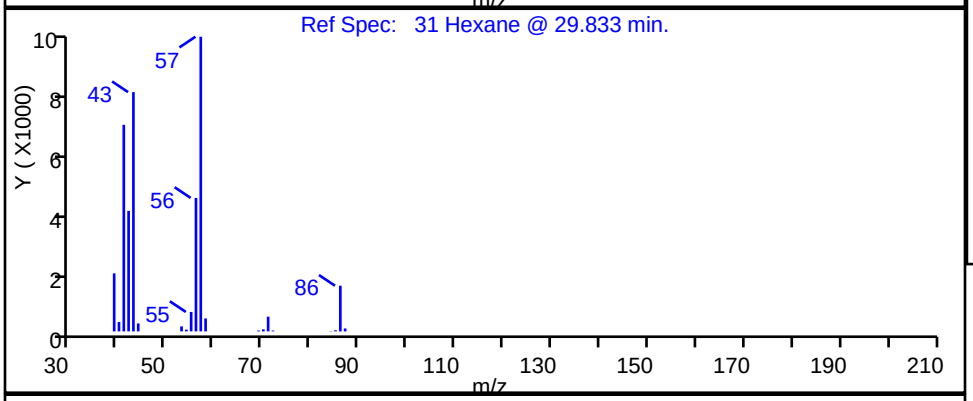
31 Hexane, CAS: 110-54-3

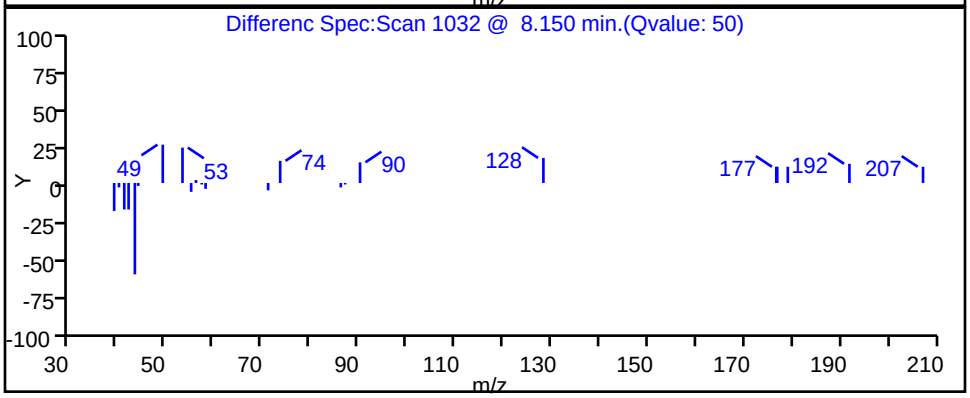












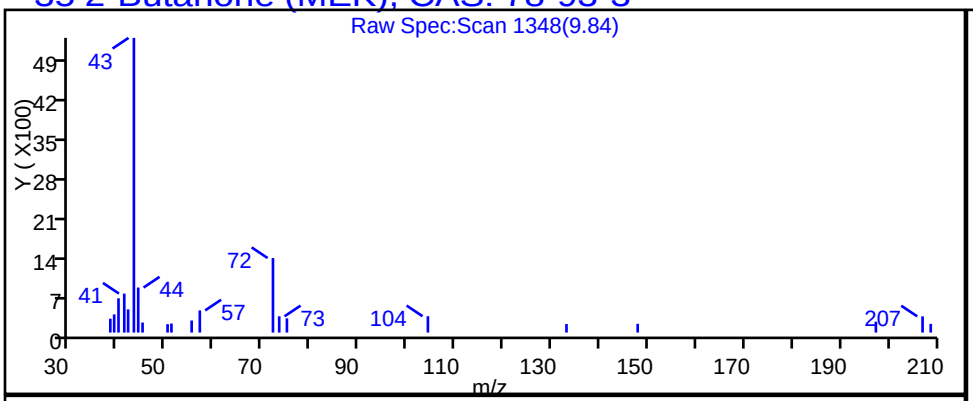
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

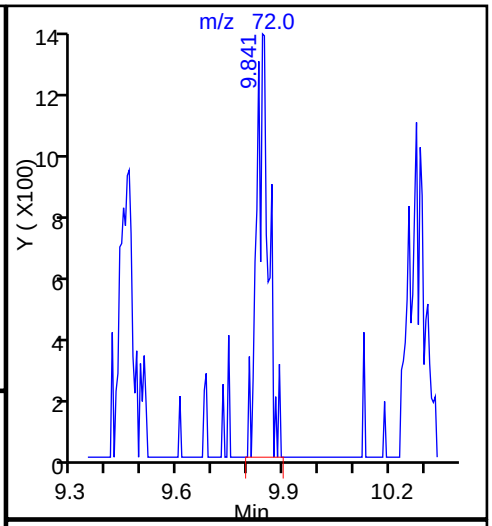
TestAmerica Burlington

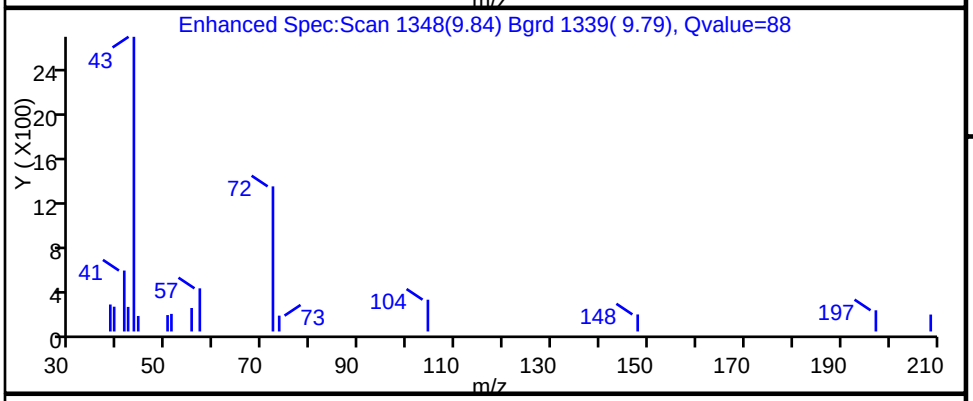
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D

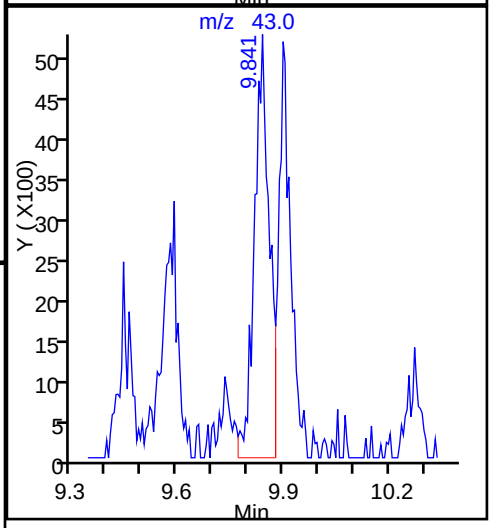
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

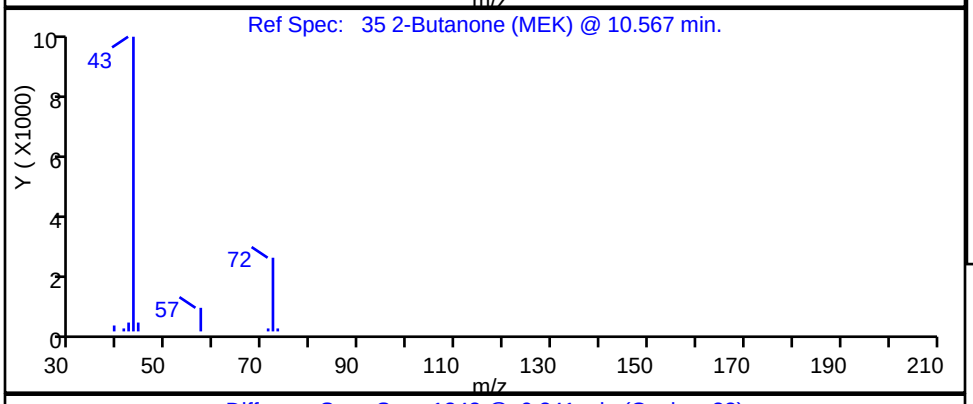
35 2-Butanone (MEK), CAS: 78-93-3

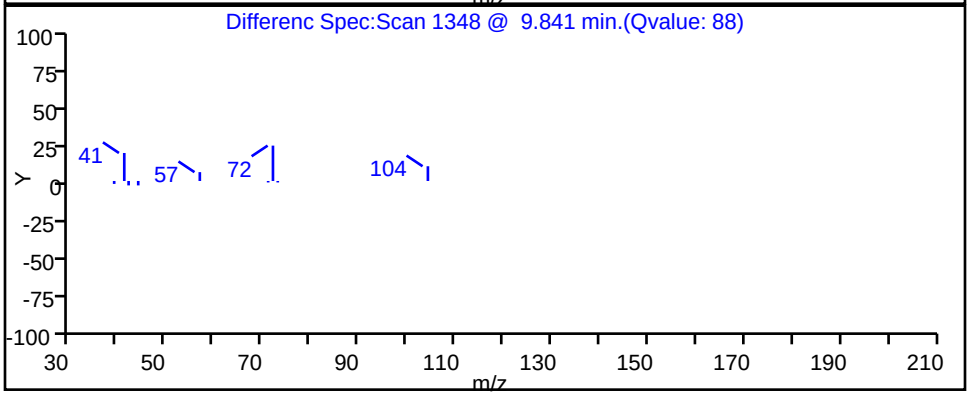












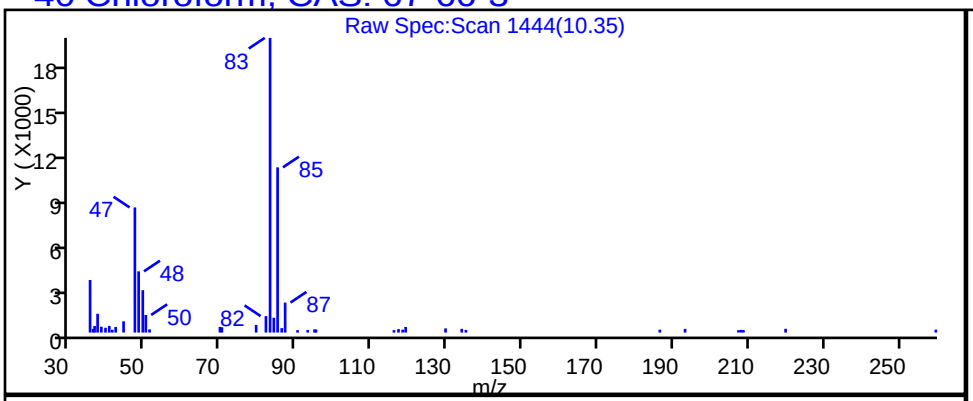
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

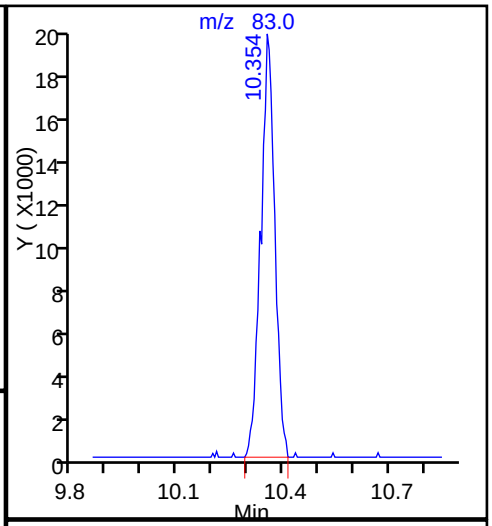
TestAmerica Burlington

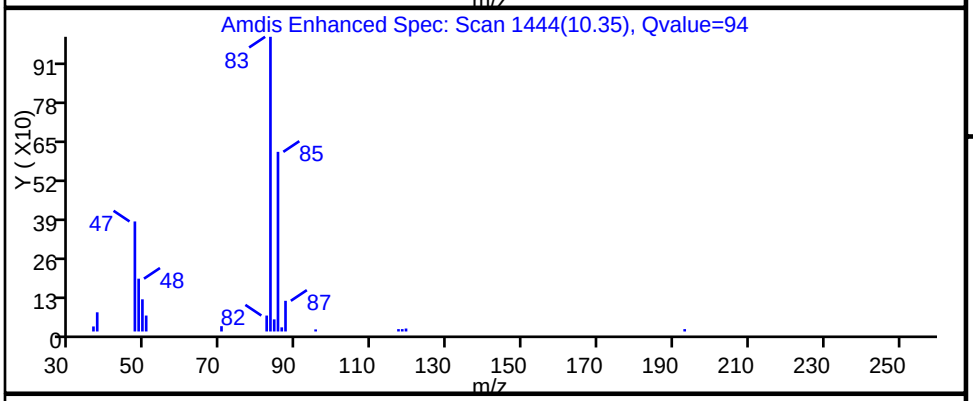
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D

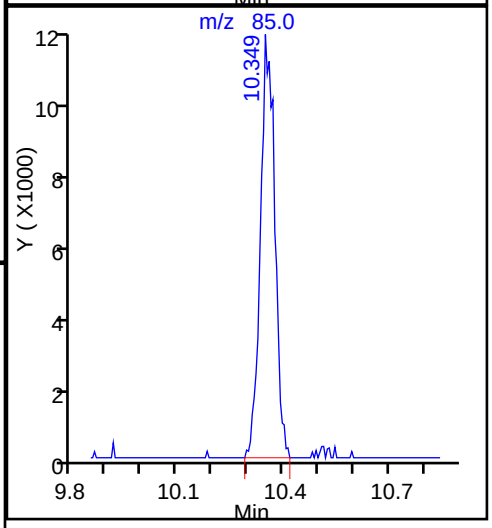
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

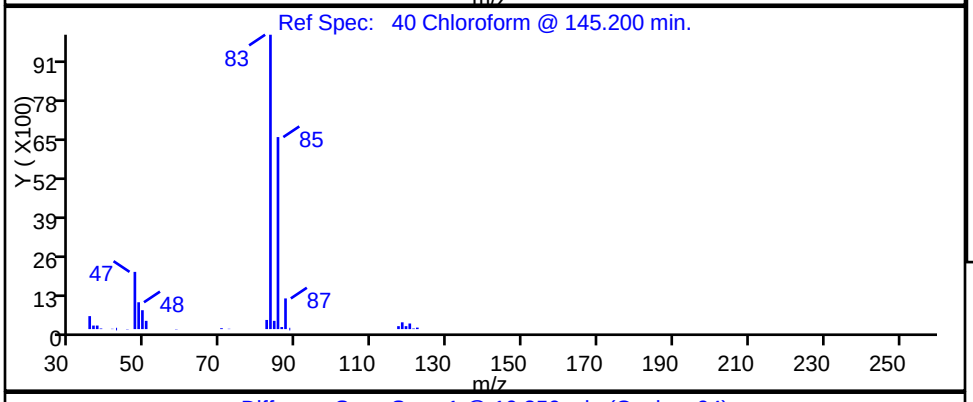
40 Chloroform, CAS: 67-66-3

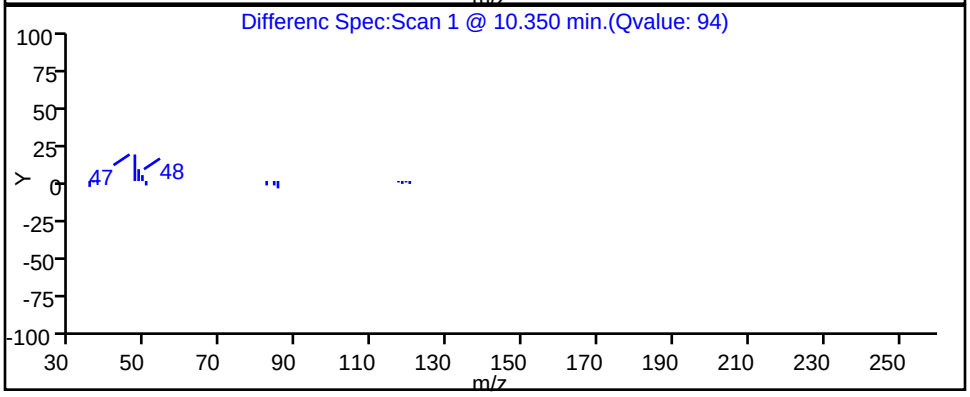












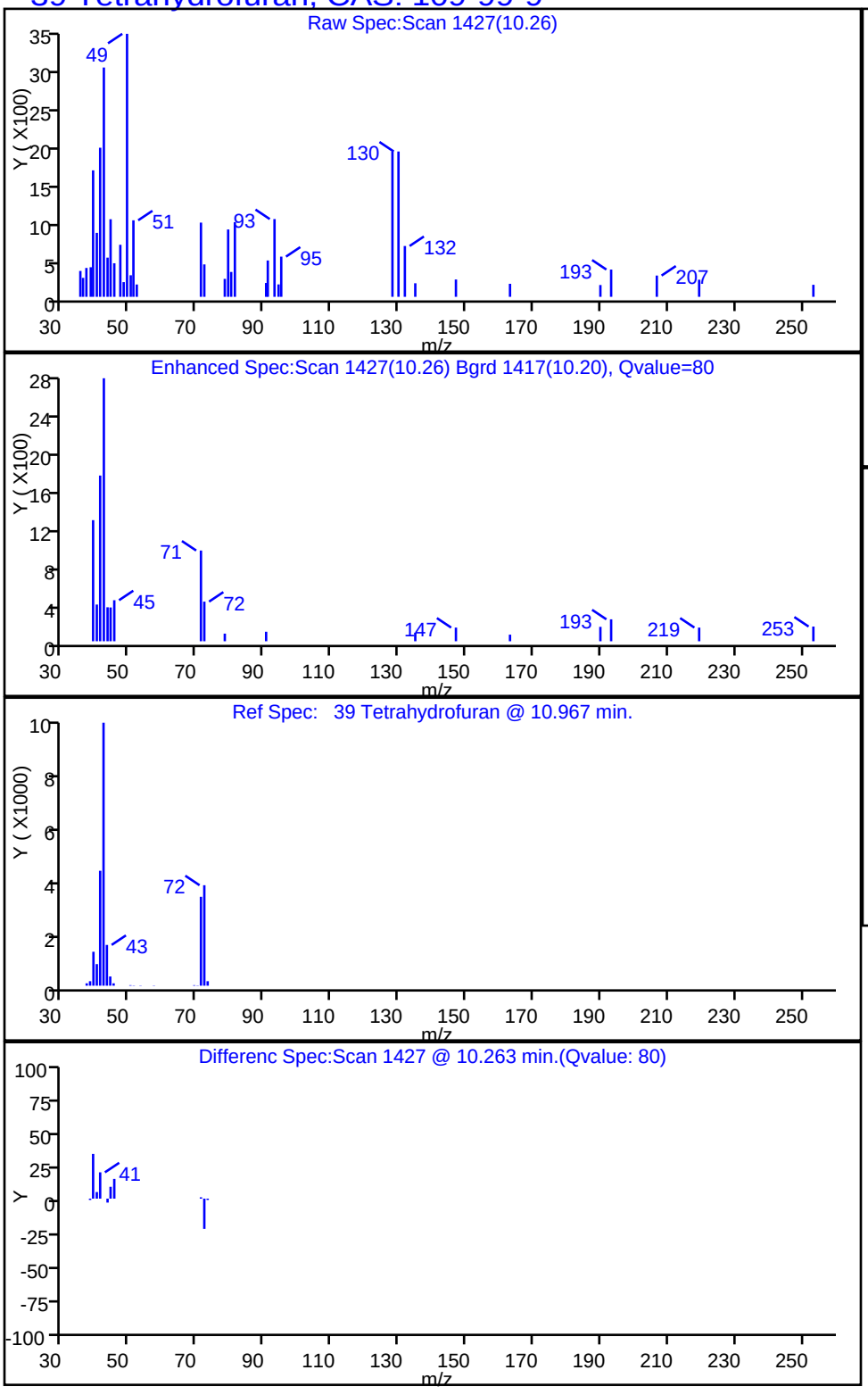
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

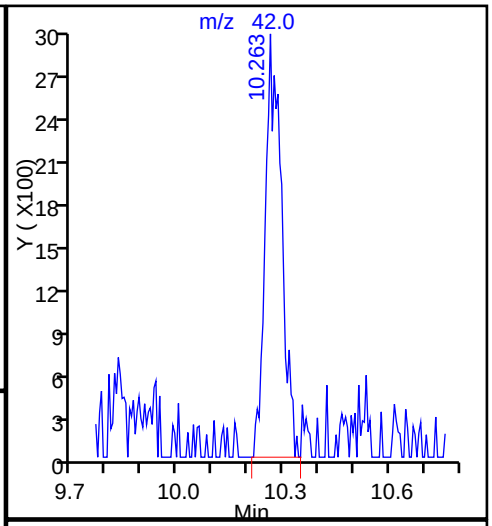
TestAmerica Burlington

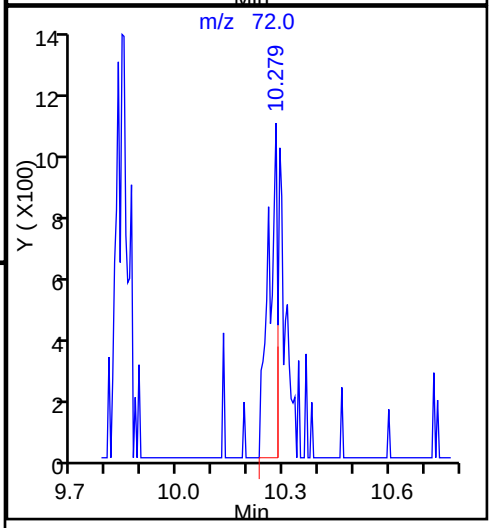
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D

Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

39 Tetrahydrofuran, CAS: 109-99-9



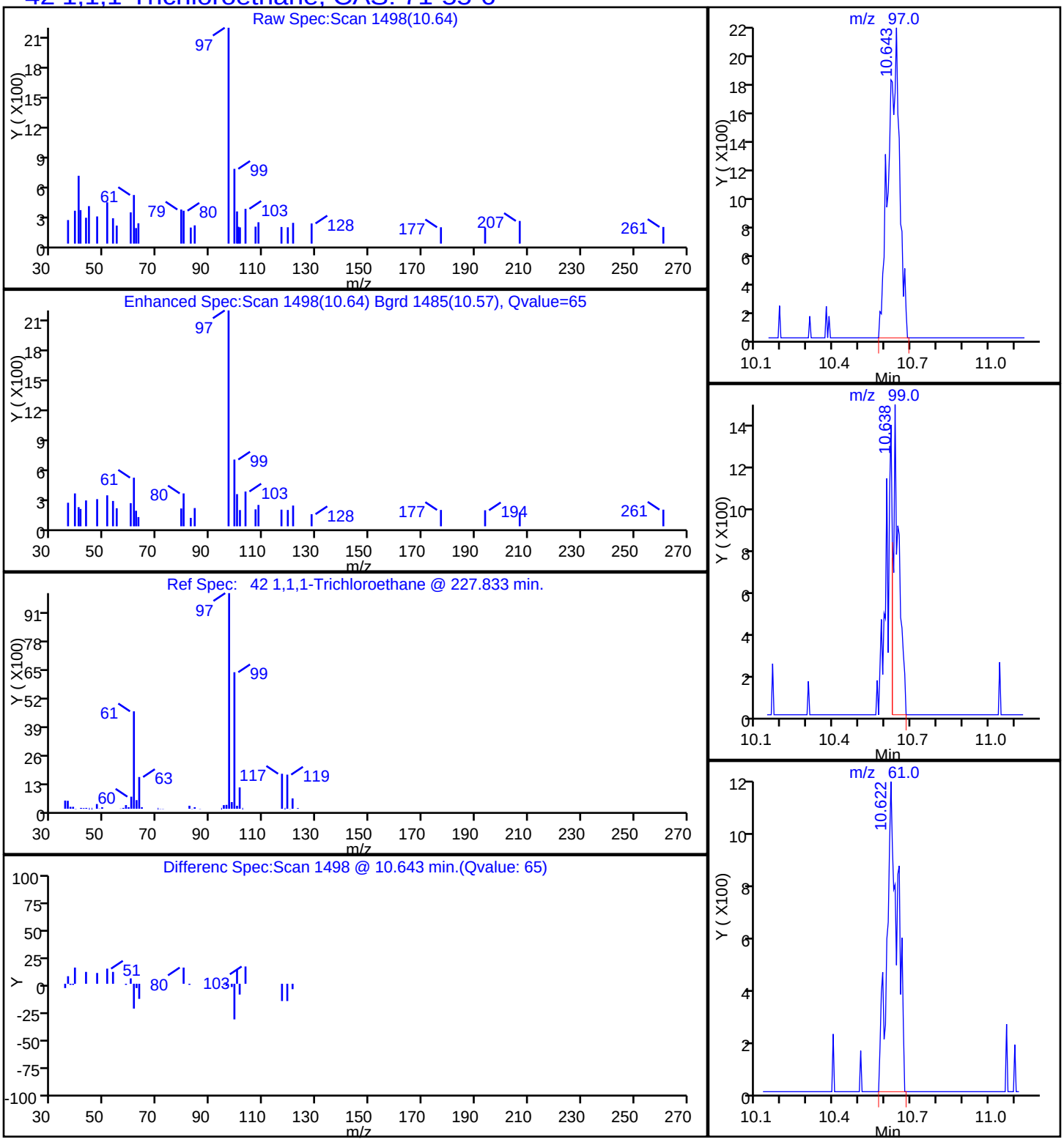




TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 1,1,1-Trichloroethane, CAS: 71-55-6



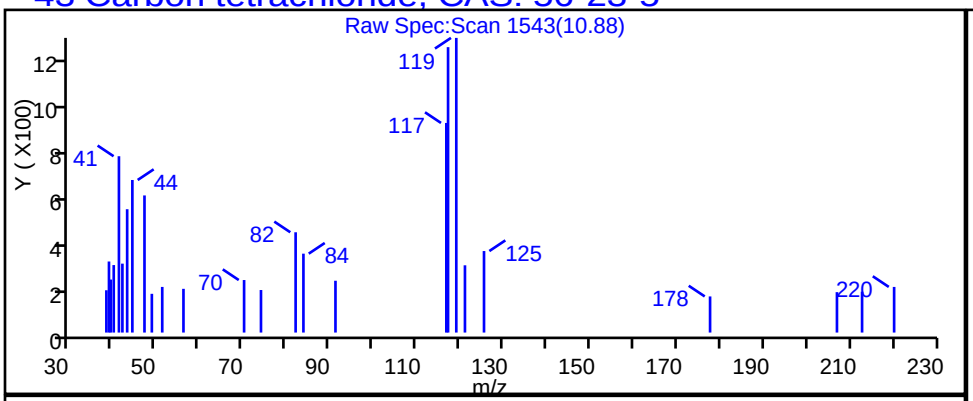
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

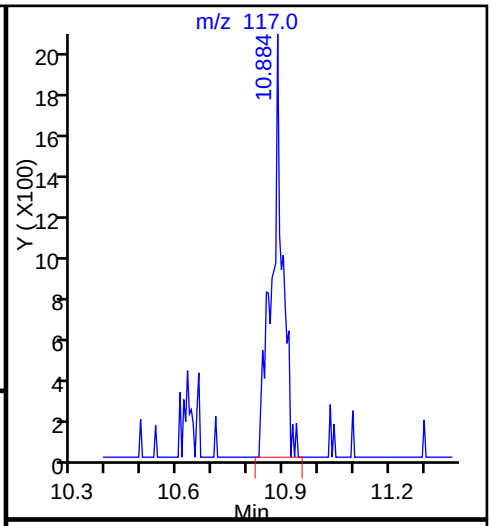
TestAmerica Burlington

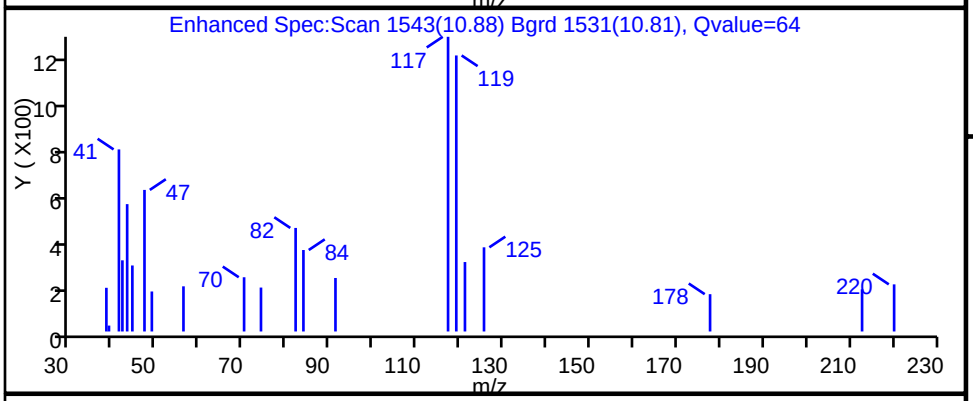
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D

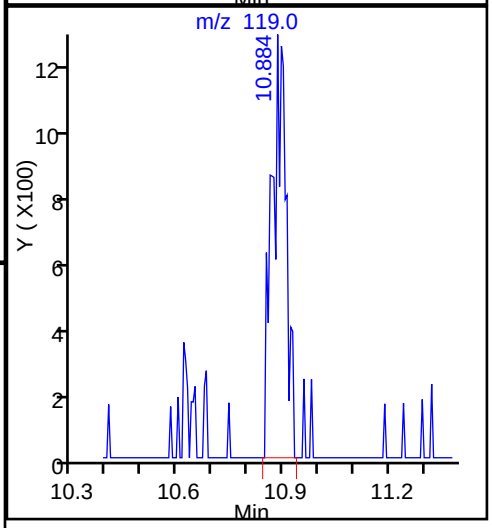
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

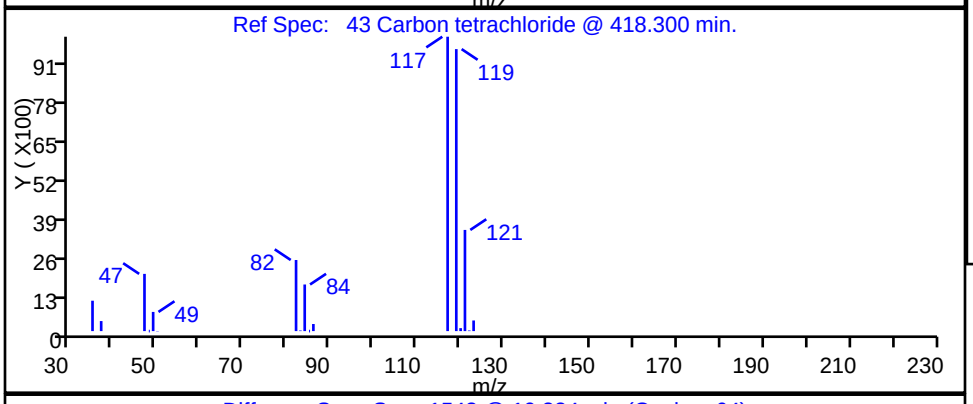
43 Carbon tetrachloride, CAS: 56-23-5

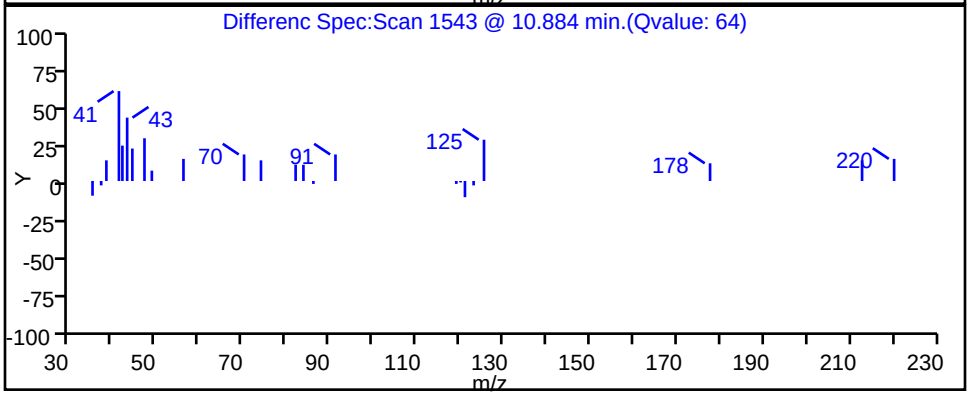










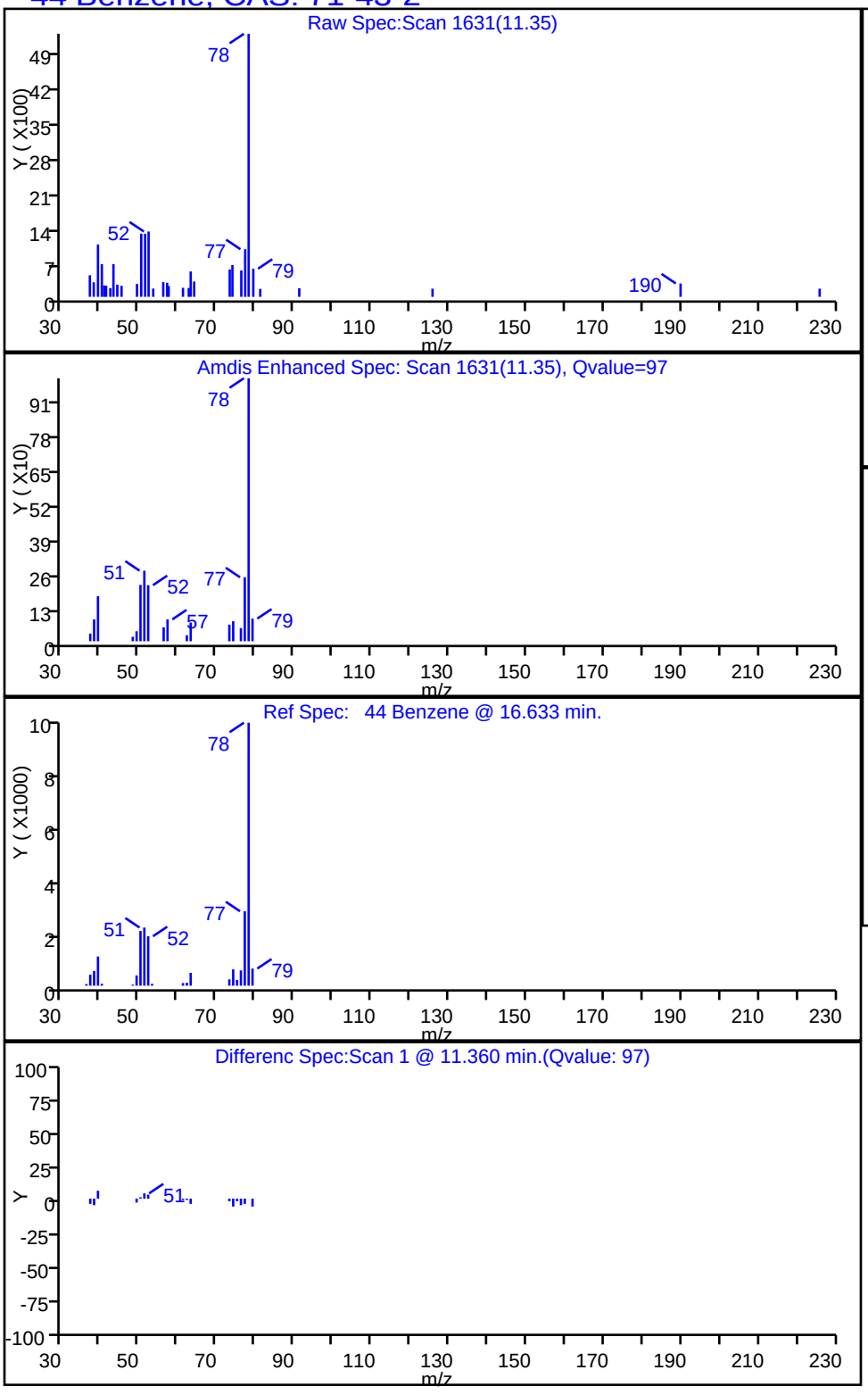


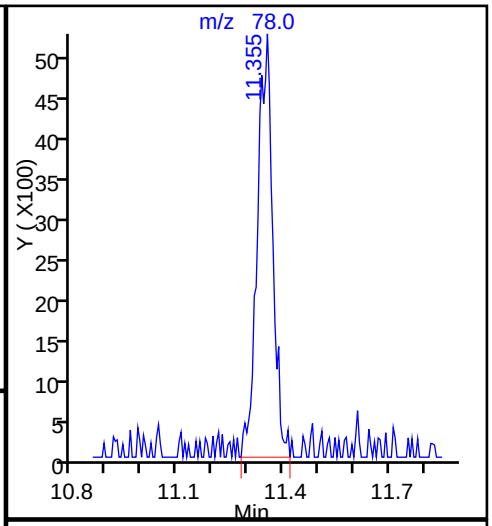
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

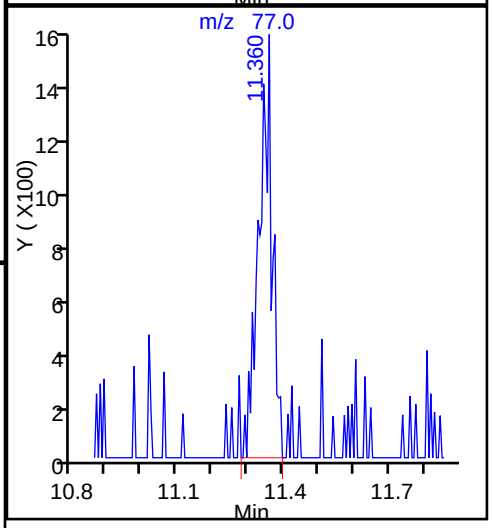
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 Benzene, CAS: 71-43-2







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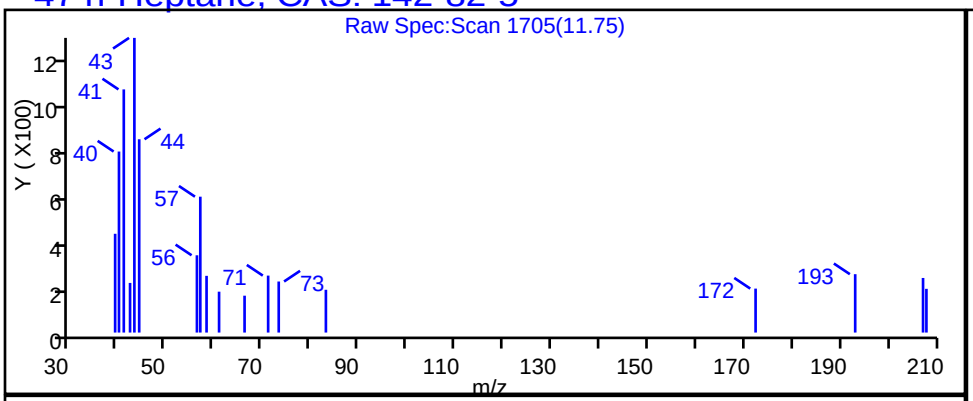
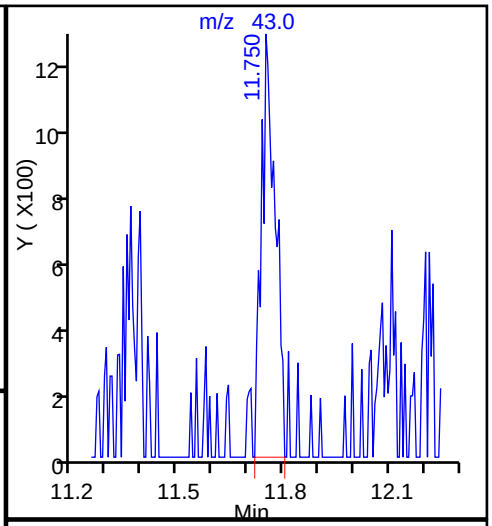
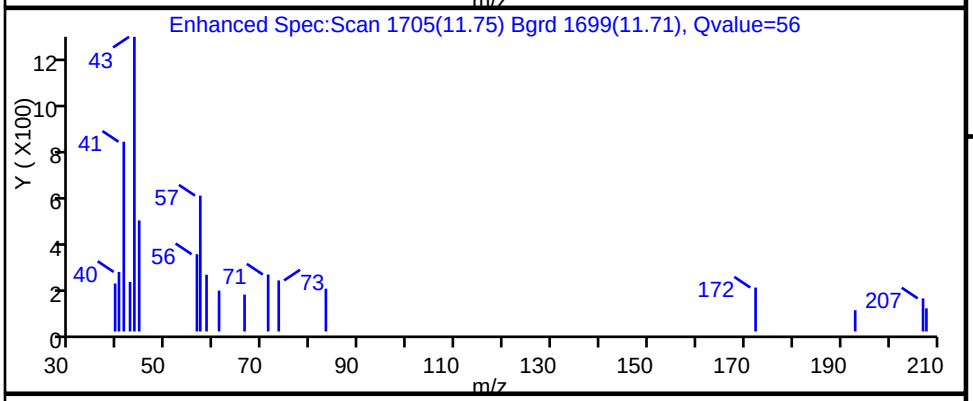
TestAmerica Burlington

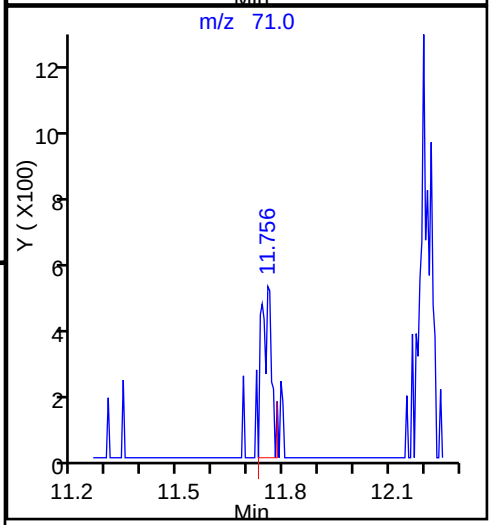
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

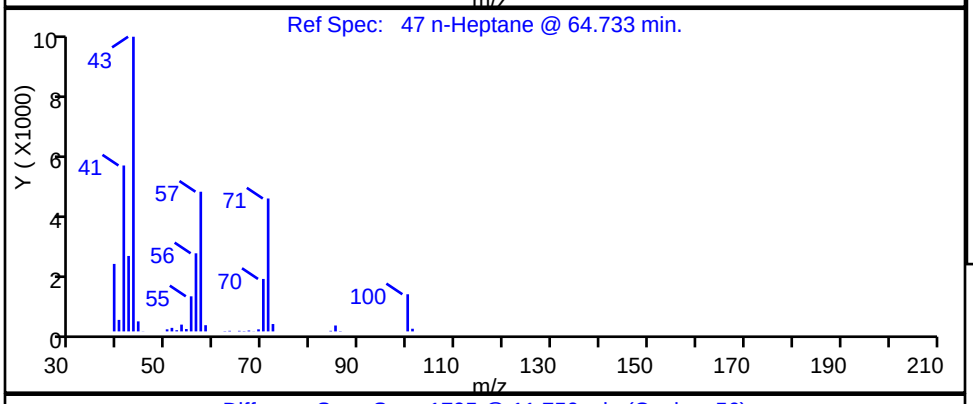
47 n-Heptane, CAS: 142-82-5

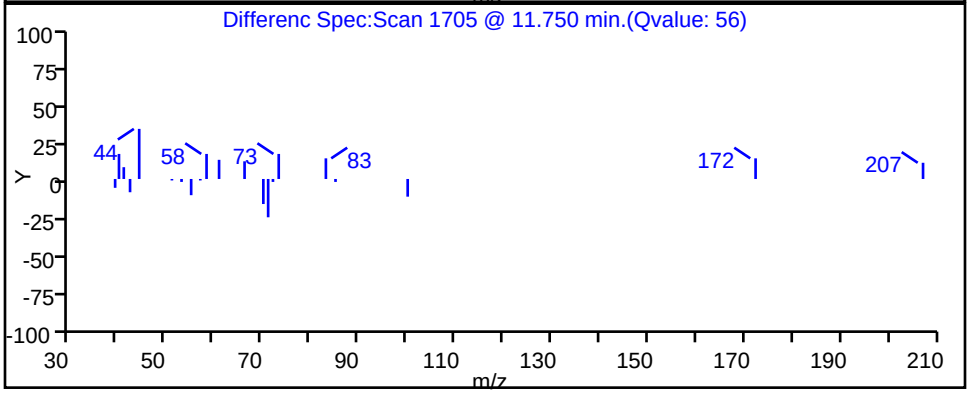












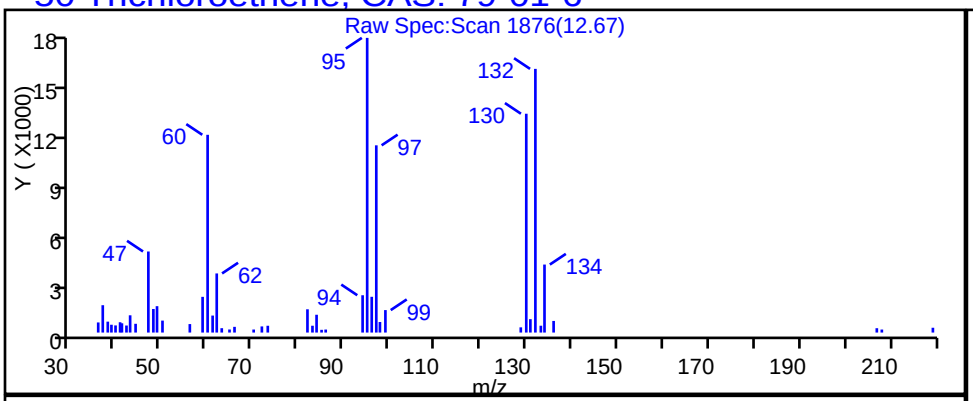
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

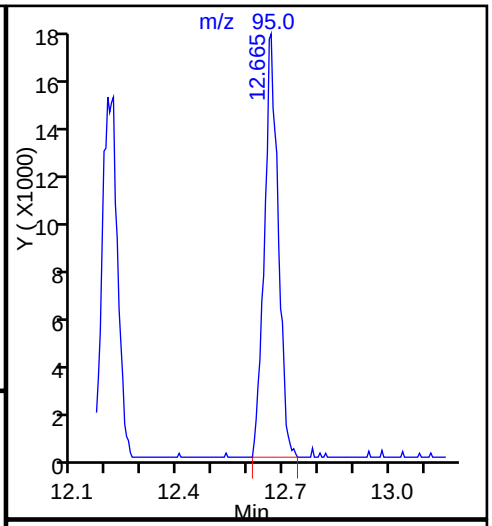
TestAmerica Burlington

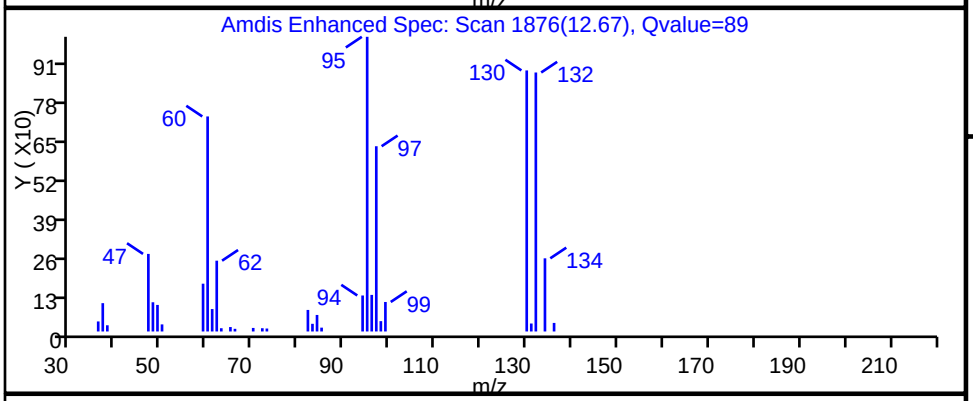
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D

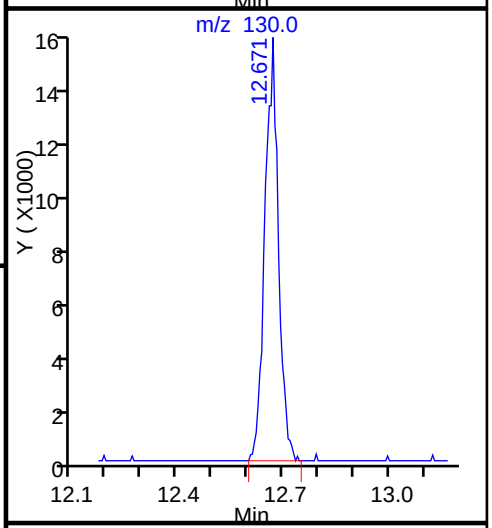
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

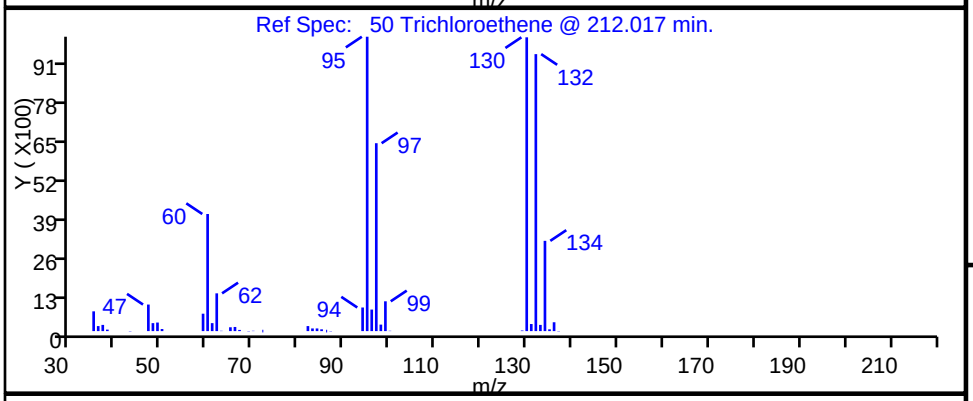
50 Trichloroethene, CAS: 79-01-6

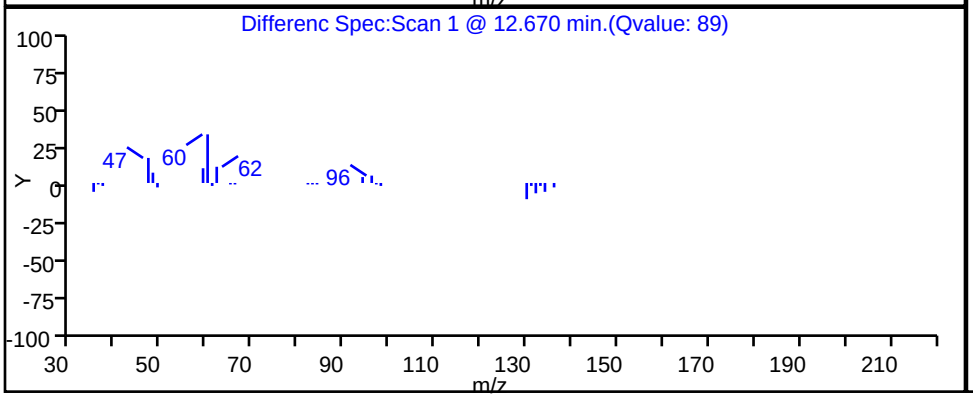


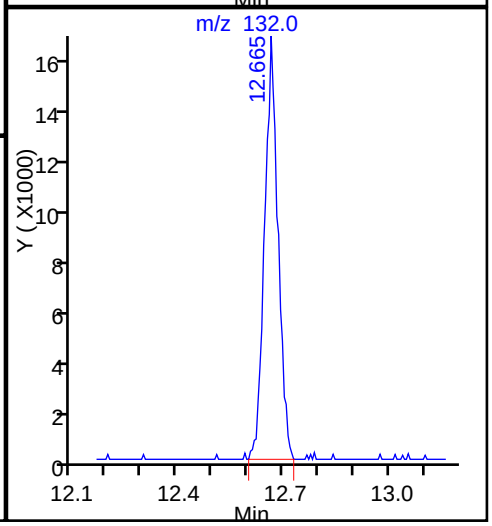












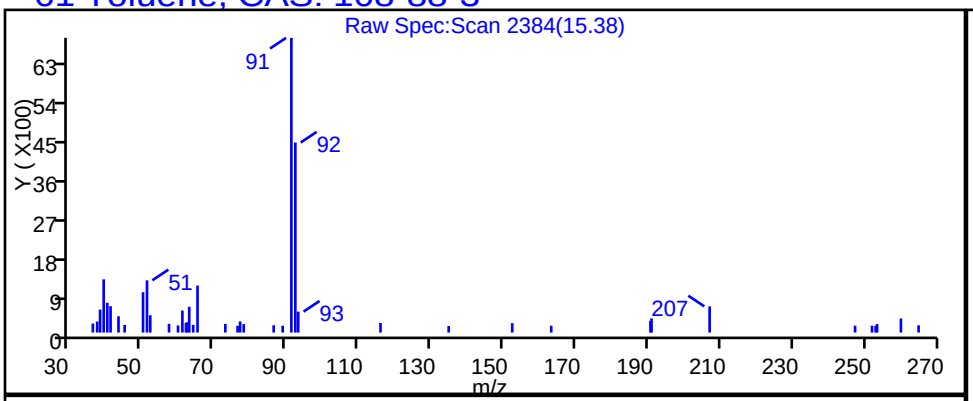
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

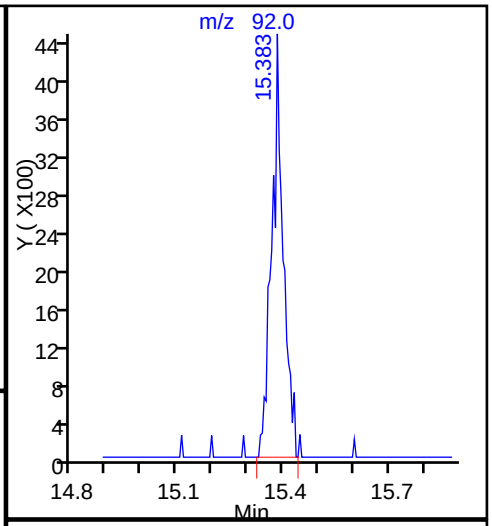
TestAmerica Burlington

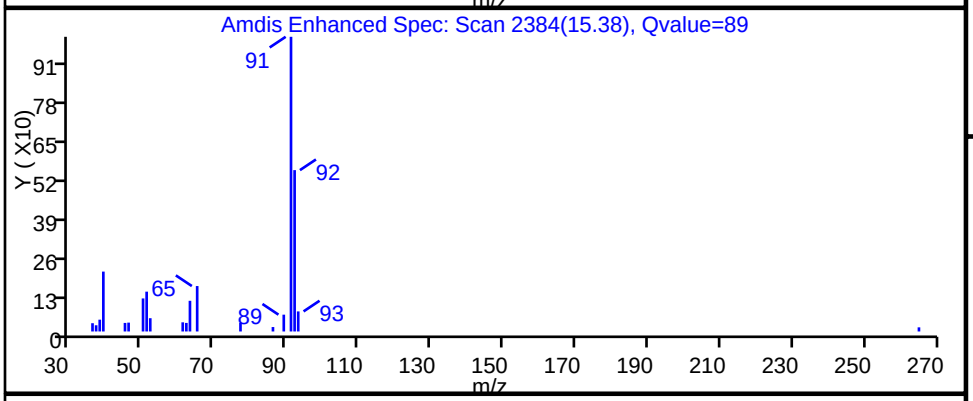
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D

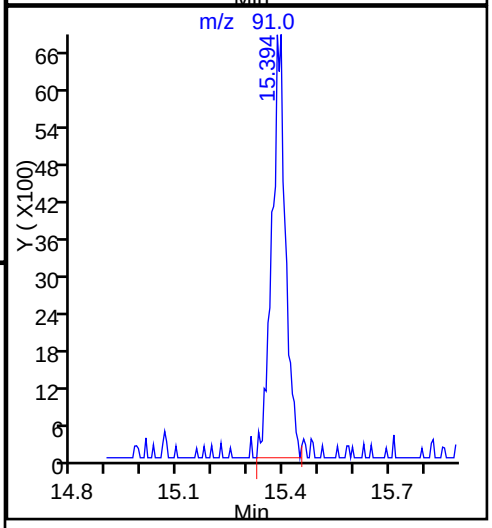
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

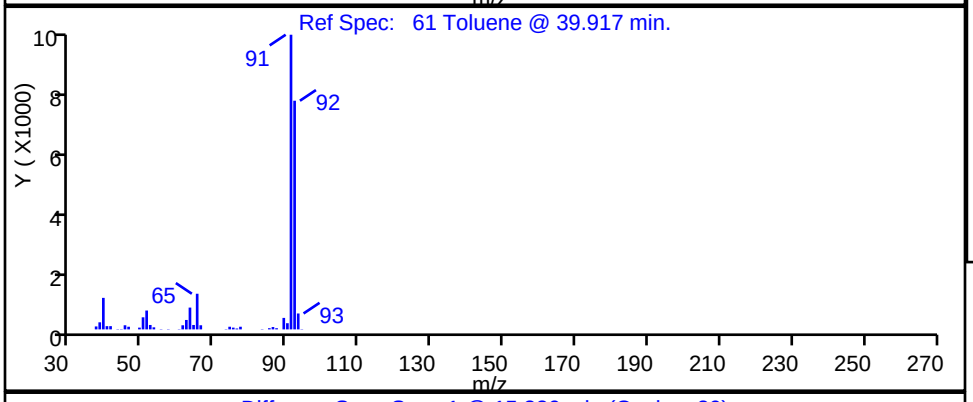
61 Toluene, CAS: 108-88-3

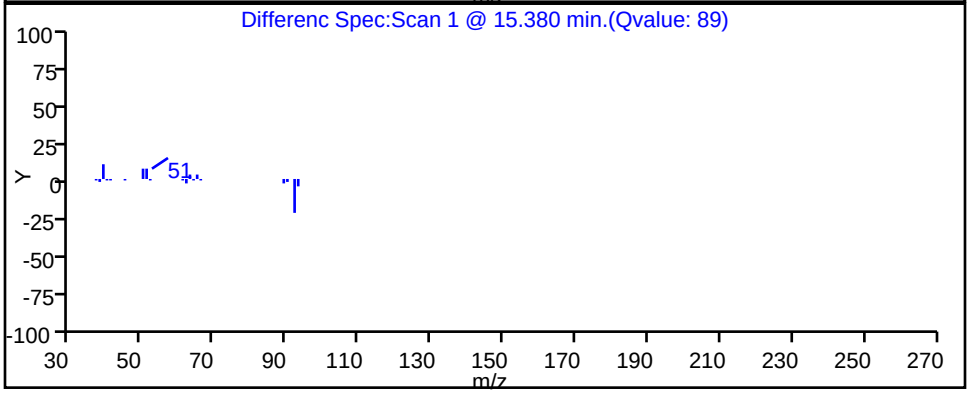










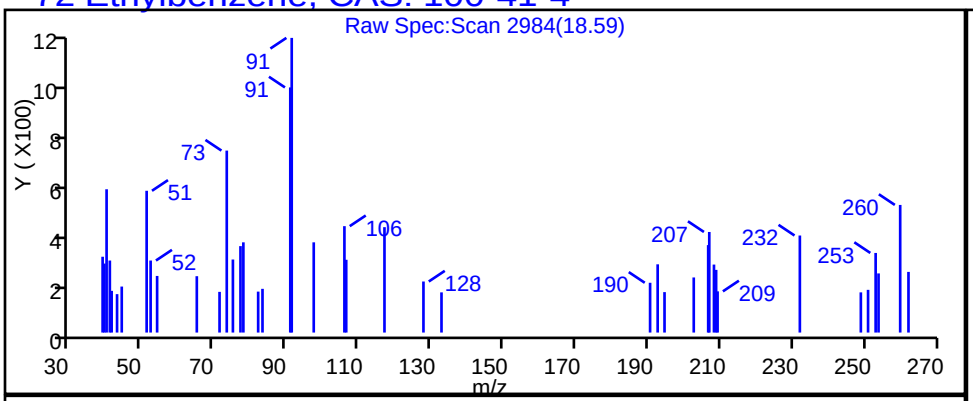


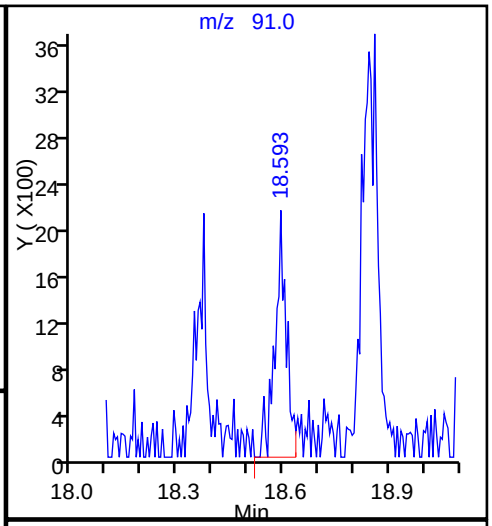
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

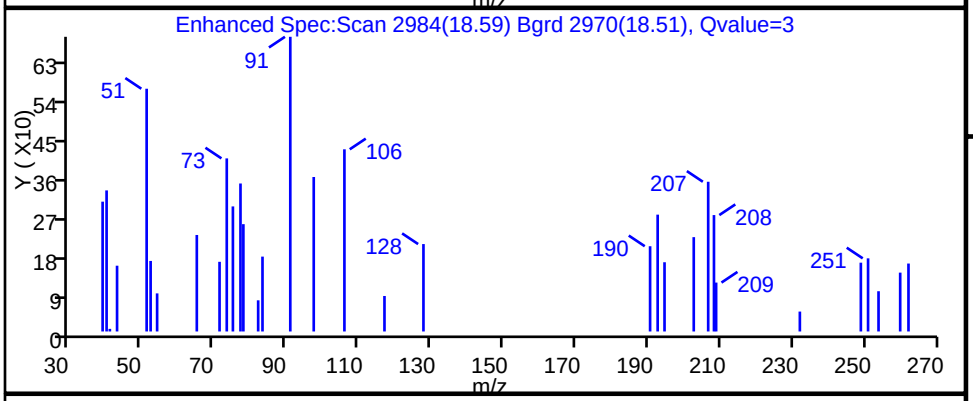
TestAmerica Burlington

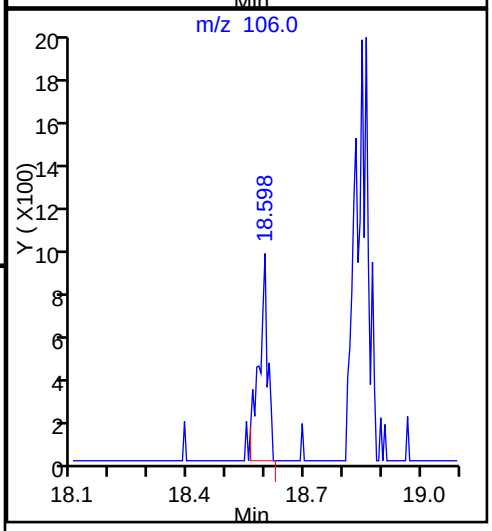
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

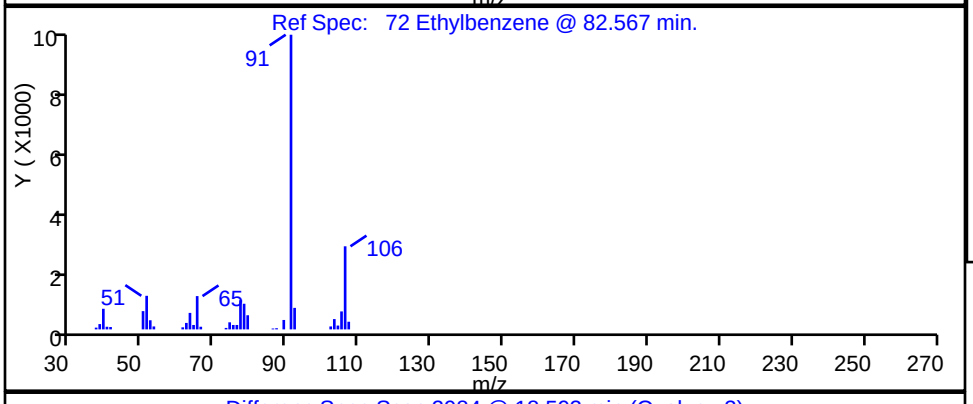
72 Ethylbenzene, CAS: 100-41-4

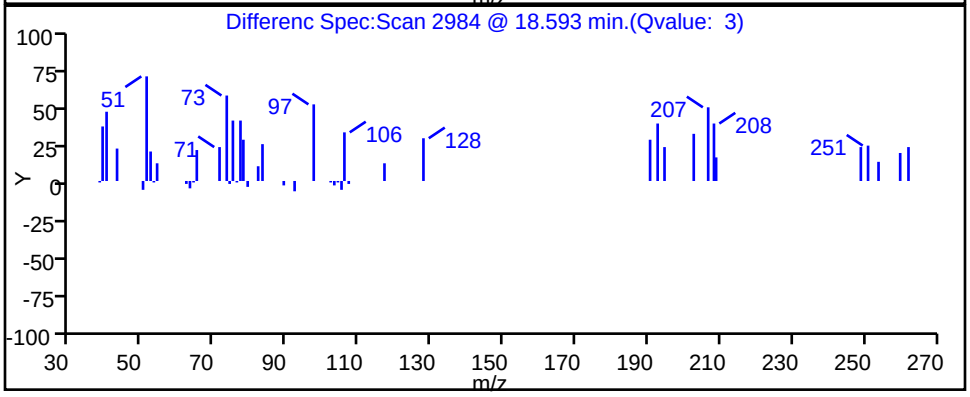










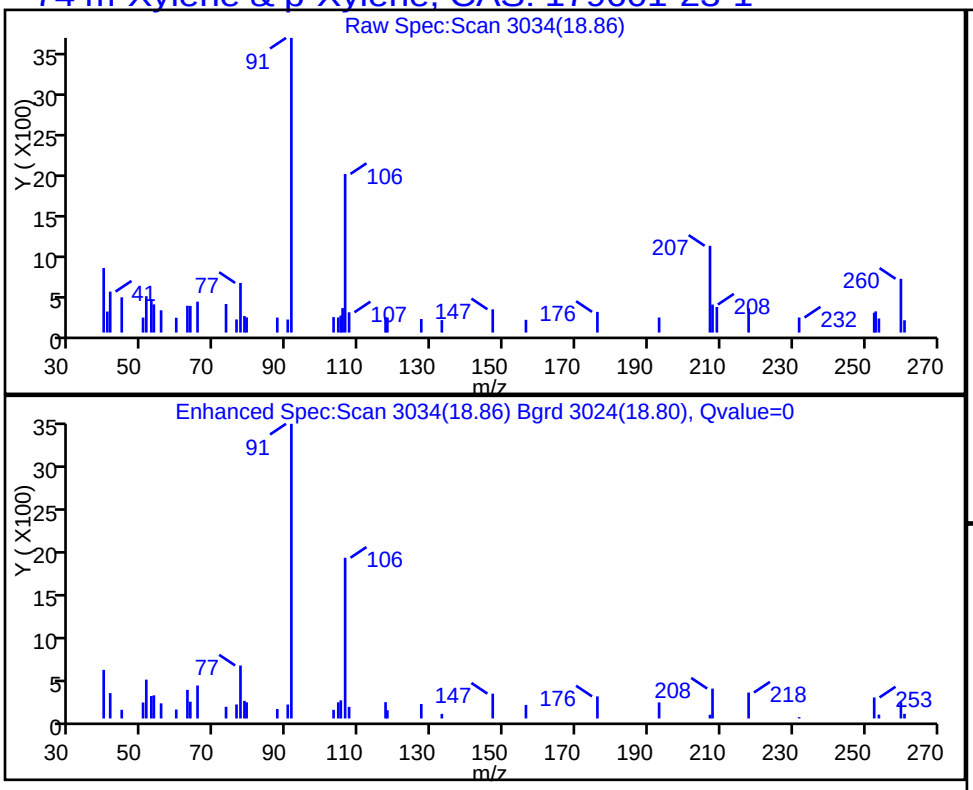


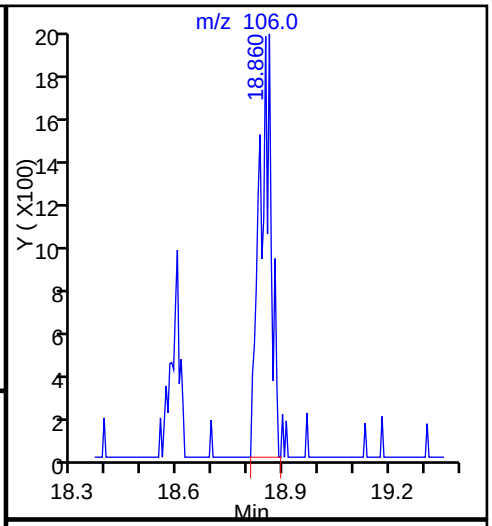
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

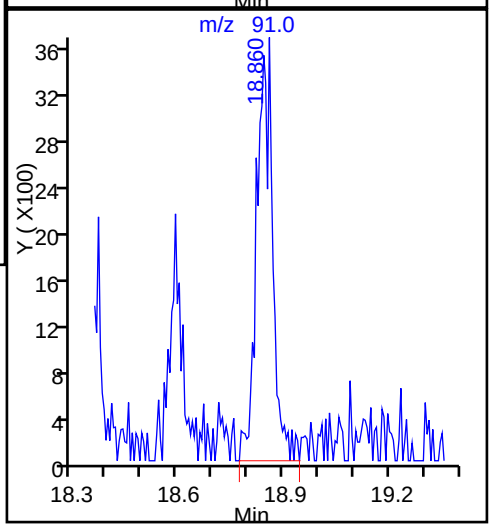
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 m-Xylene & p-Xylene, CAS: 179601-23-1





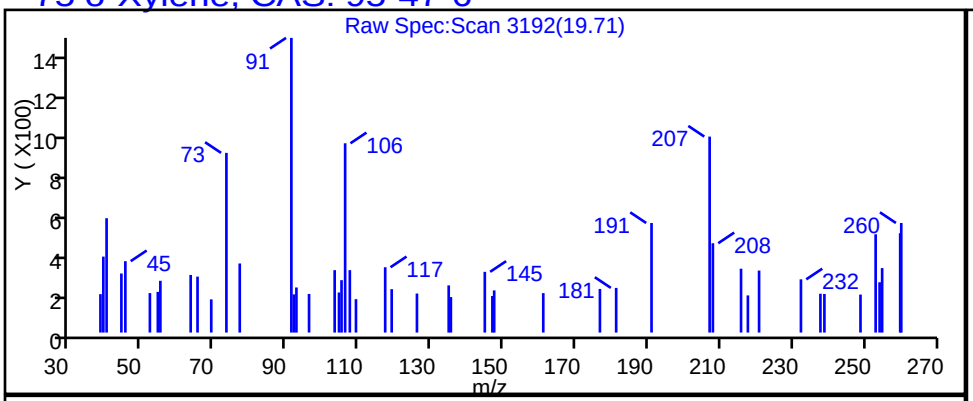


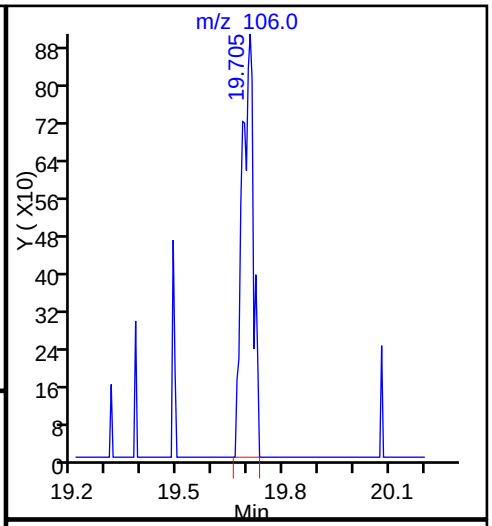
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

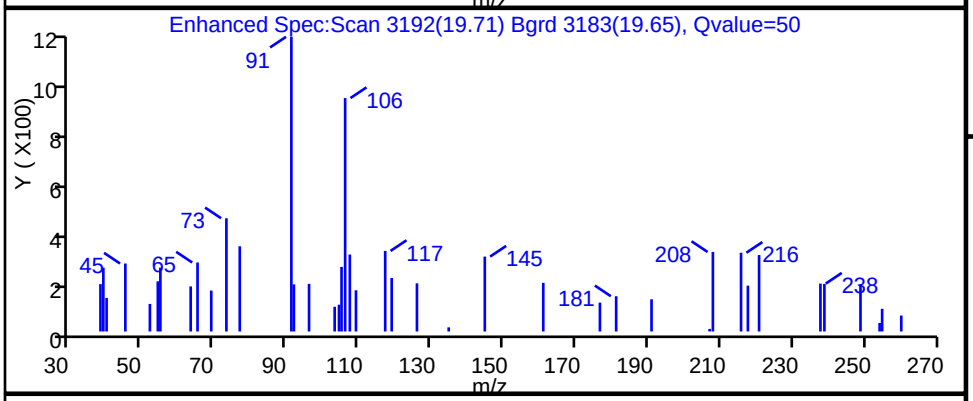
TestAmerica Burlington

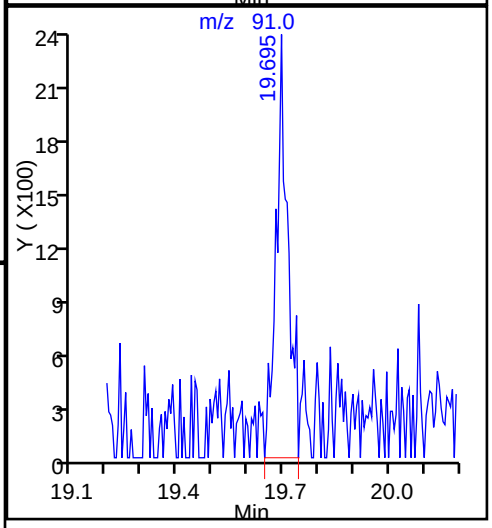
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

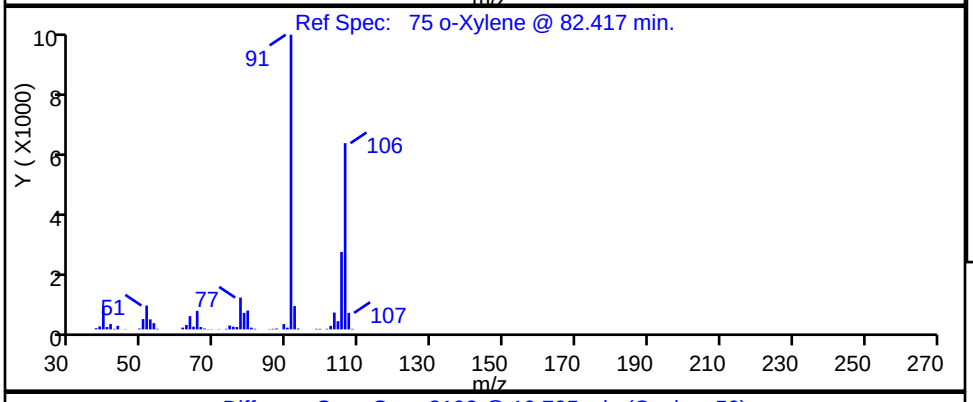
75 o-Xylene, CAS: 95-47-6

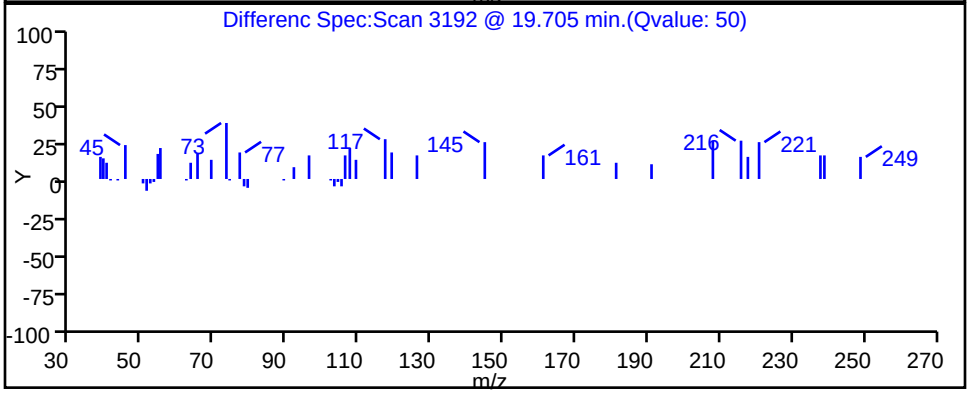










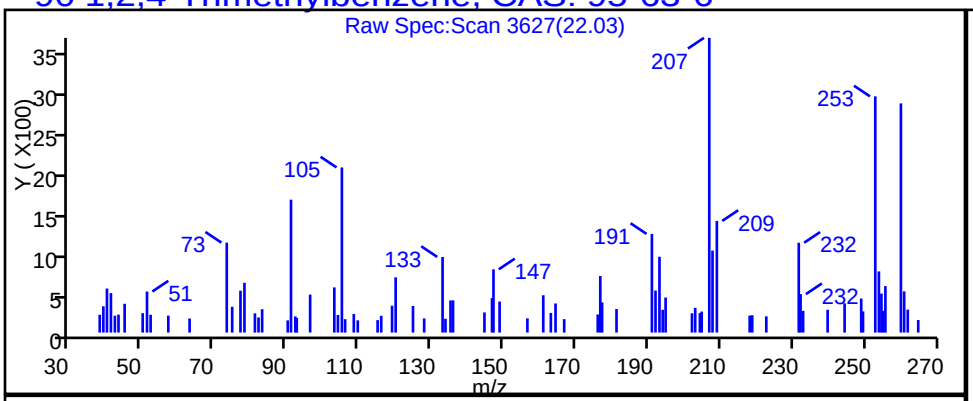


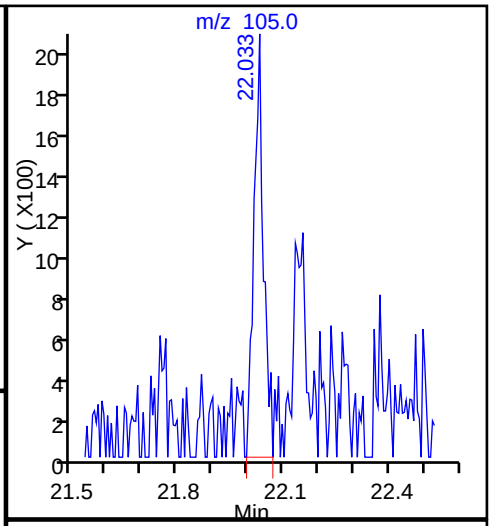
Report Date: 03-Feb-2015 09:43:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

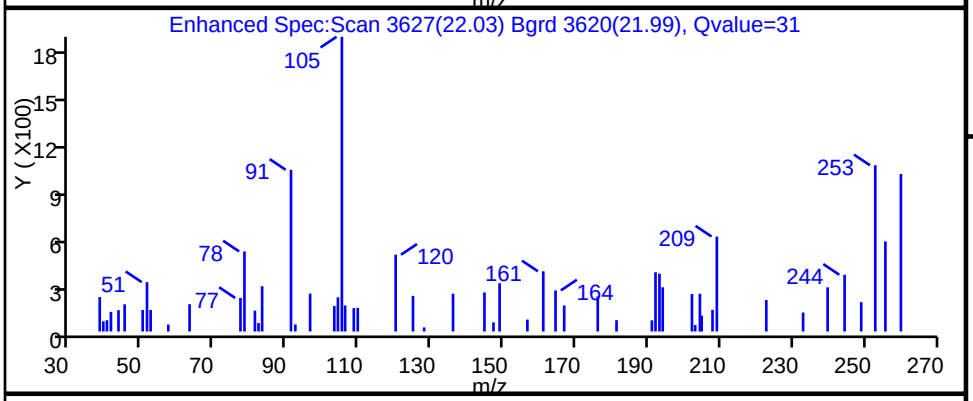
TestAmerica Burlington

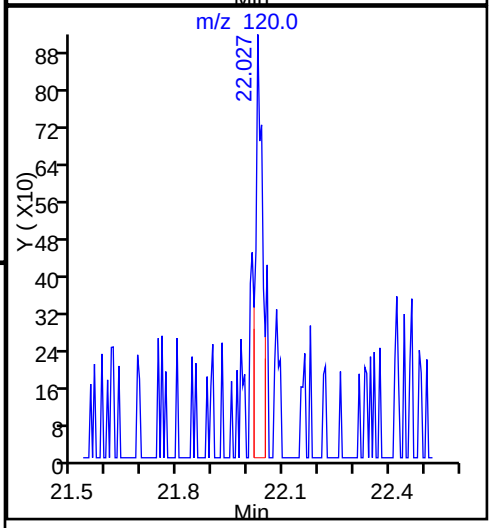
Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

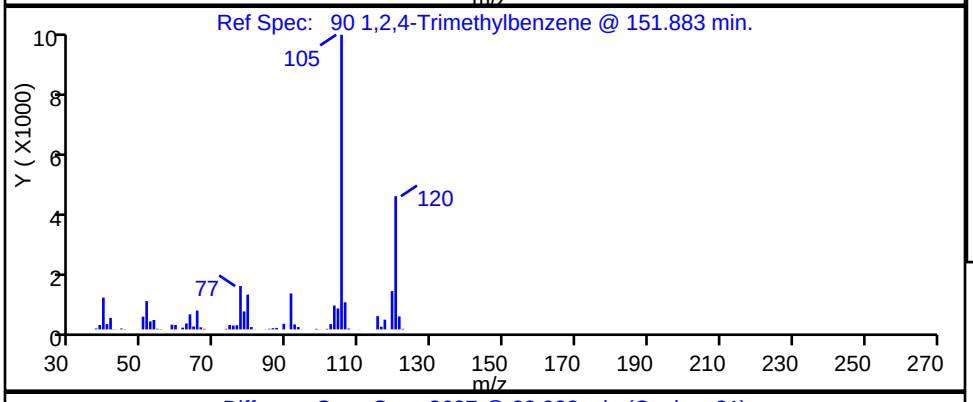
90 1,2,4-Trimethylbenzene, CAS: 95-63-6

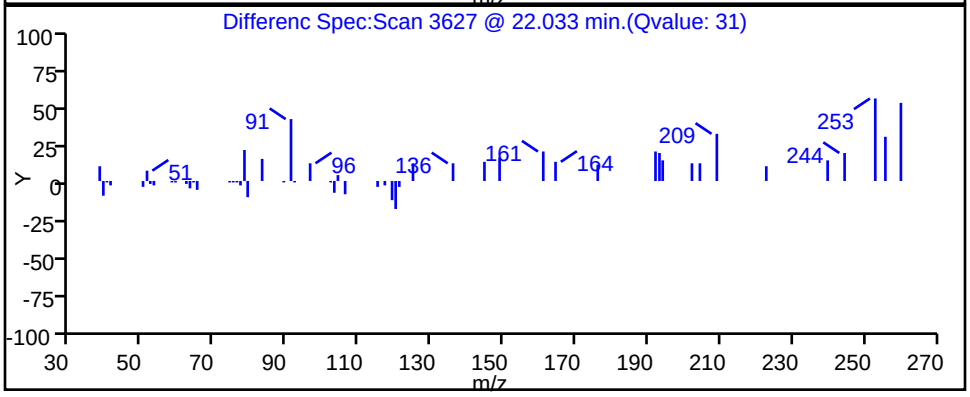












Manual Integration/User Assign Peak Report

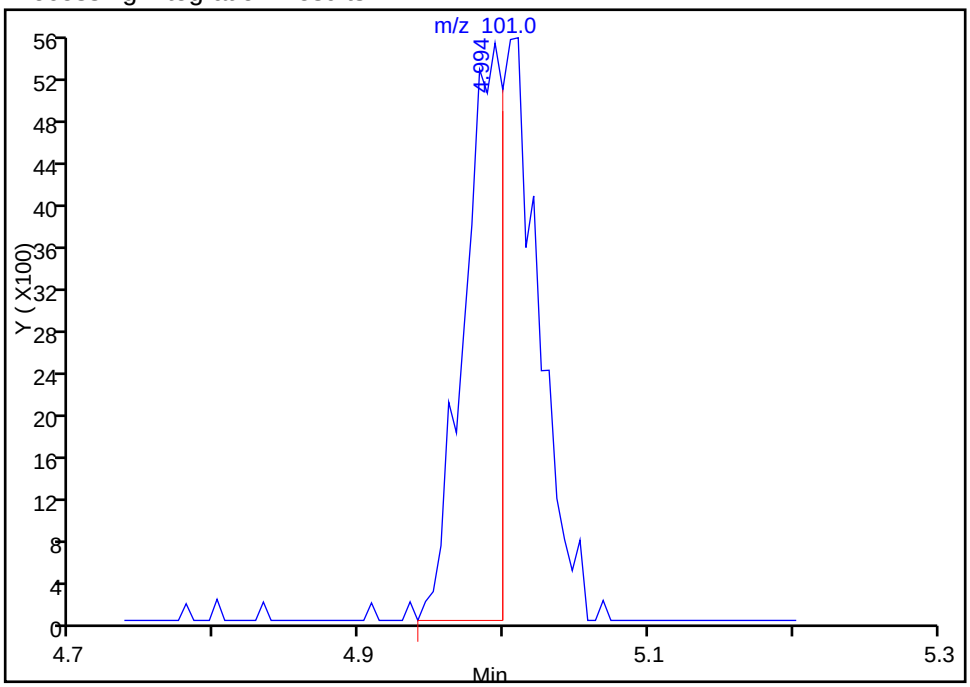
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

13 Trichlorofluoromethane, CAS: 75-69-4

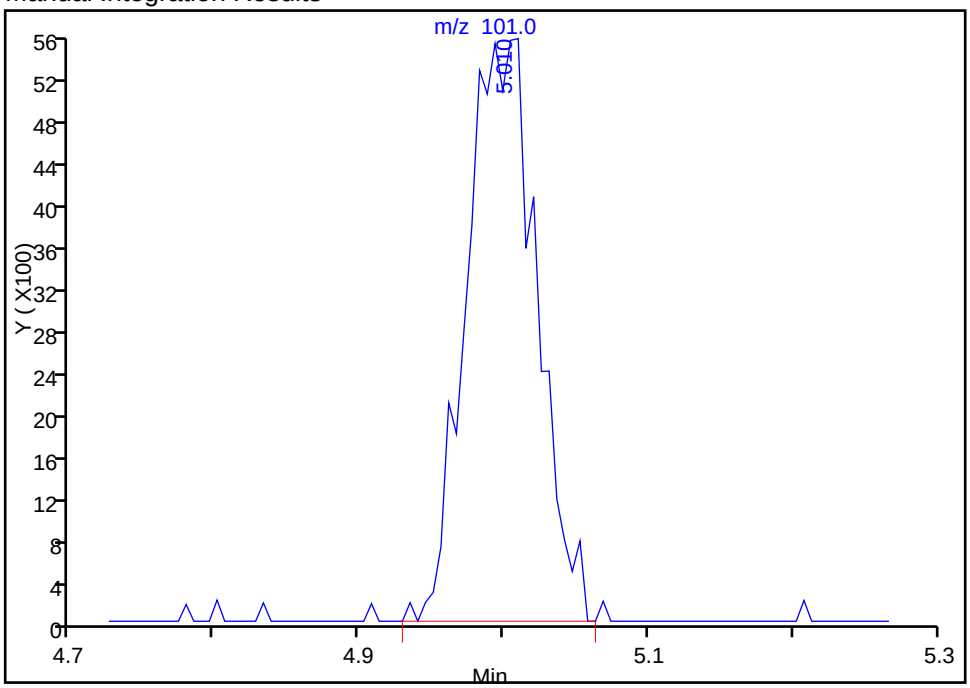
Processing Integration Results

RT: 4.99
Area: 10334
Amount: 0.103754
Amount Units: ppb v/v



Manual Integration Results

RT: 5.01
Area: 18874
Amount: 0.189496
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:12:07
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

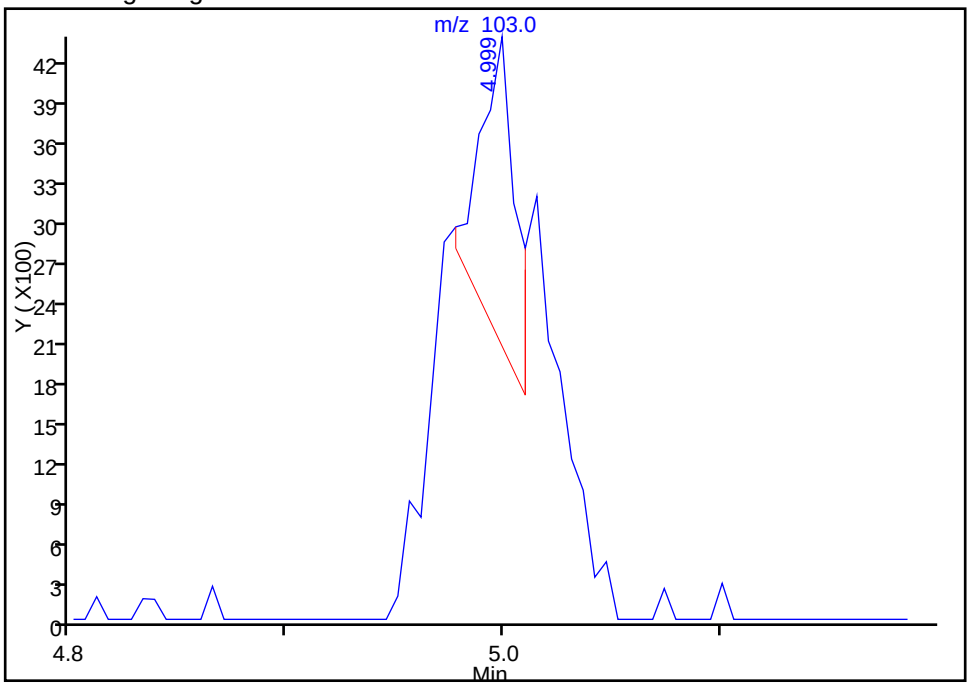
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

13 Trichlorofluoromethane, CAS: 75-69-4

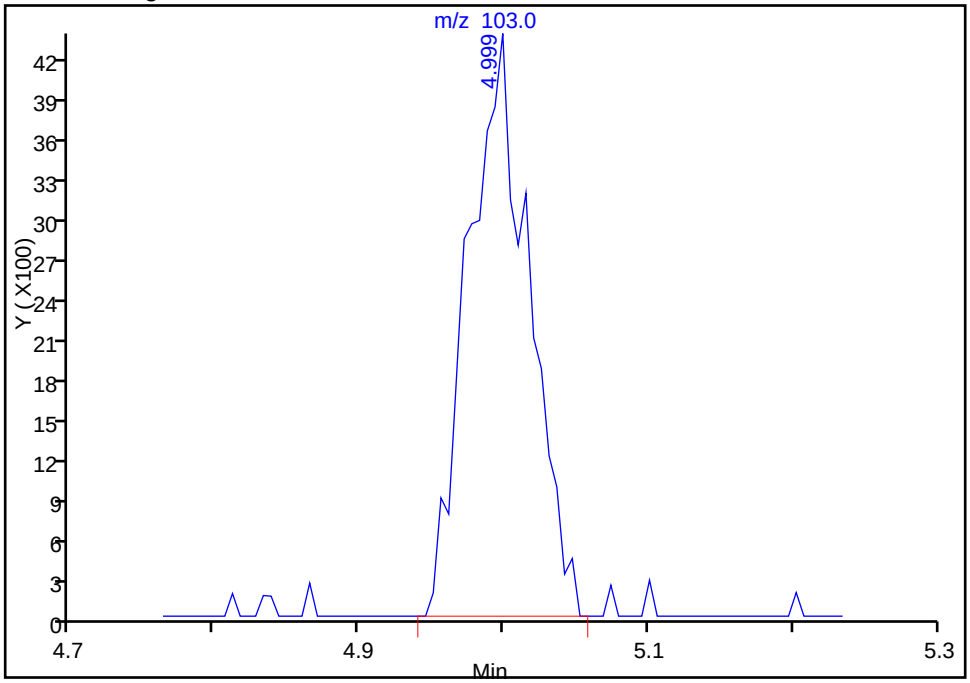
Processing Integration Results

RT: 5.00
Area: 2591
Amount: 0.103754
Amount Units: ppb v/v



Manual Integration Results

RT: 5.00
Area: 12965
Amount: 0.189496
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:12:07
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

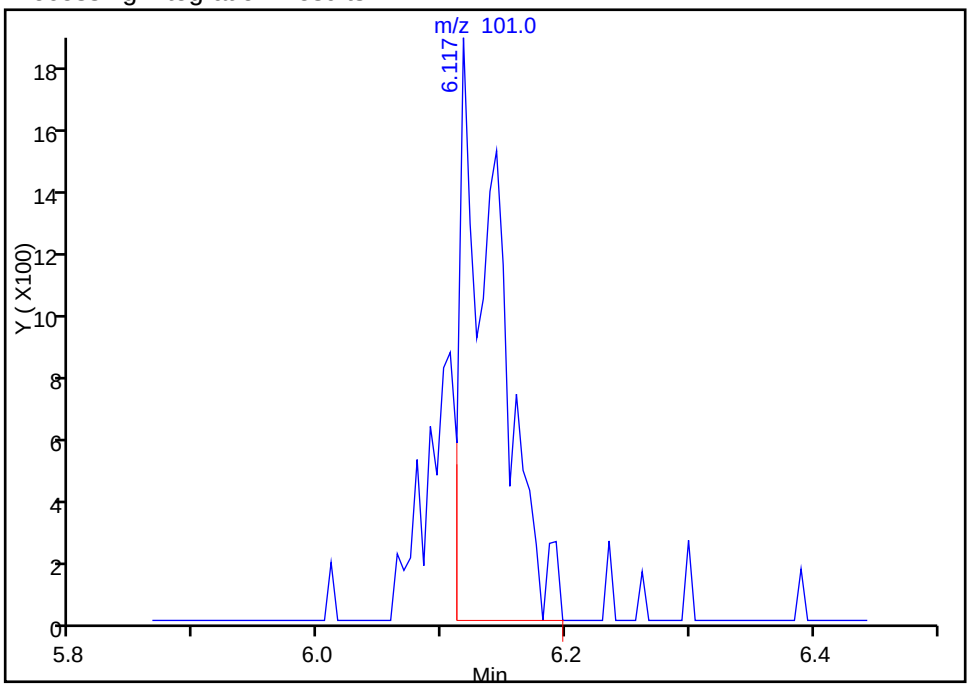
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

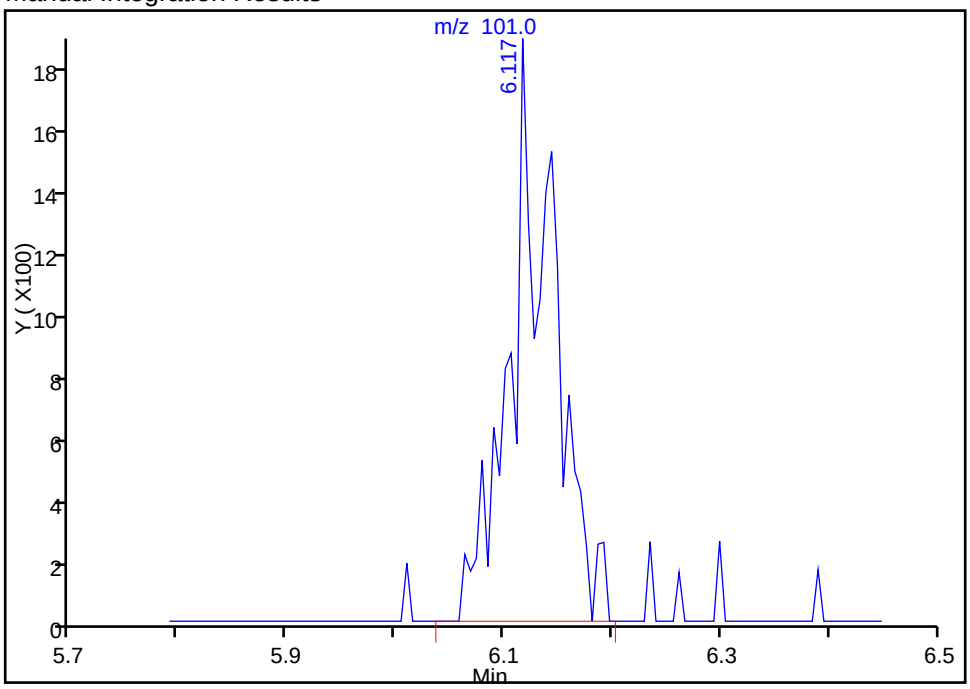
Processing Integration Results

RT: 6.12
Area: 4065
Amount: 0.068296
Amount Units: ppb v/v



Manual Integration Results

RT: 6.12
Area: 5377
Amount: 0.090339
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:12:07
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

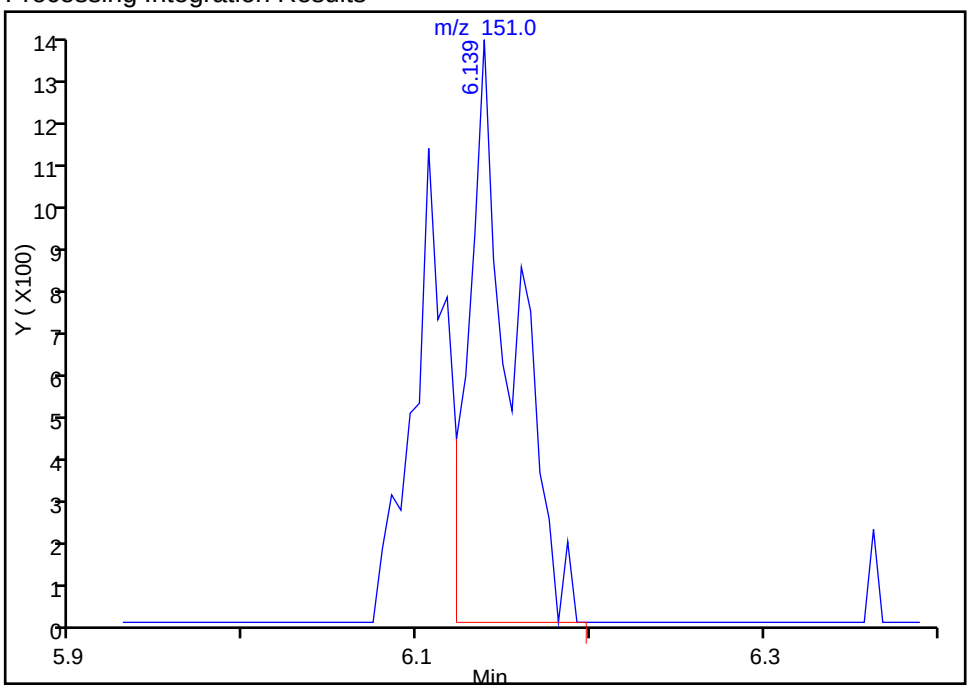
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

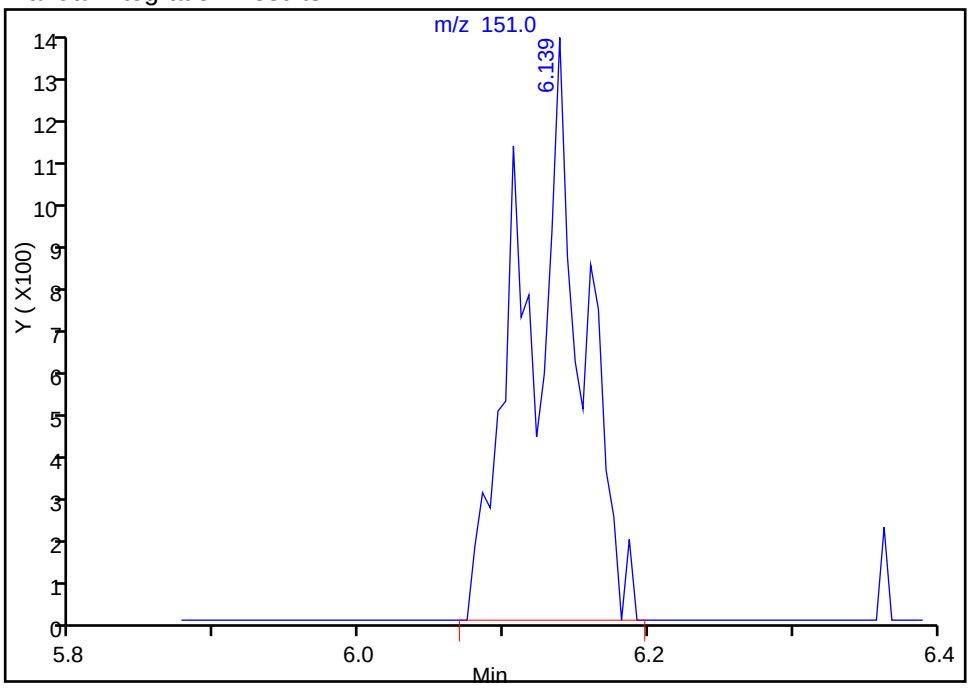
Processing Integration Results

RT: 6.14
Area: 2380
Amount: 0.068296
Amount Units: ppb v/v



Manual Integration Results

RT: 6.14
Area: 3735
Amount: 0.090339
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:12:07
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

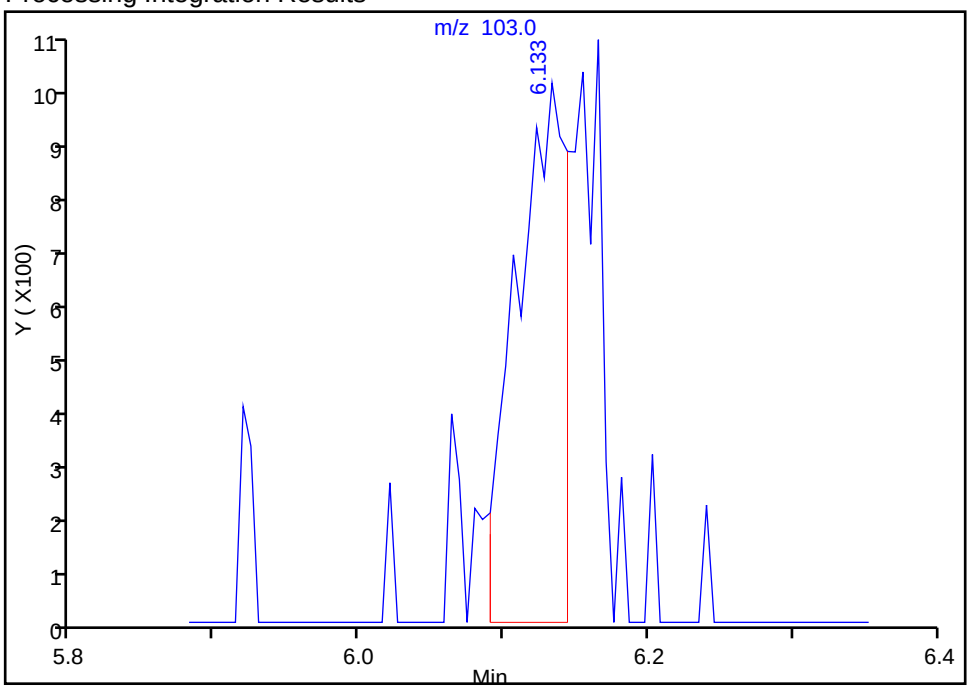
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

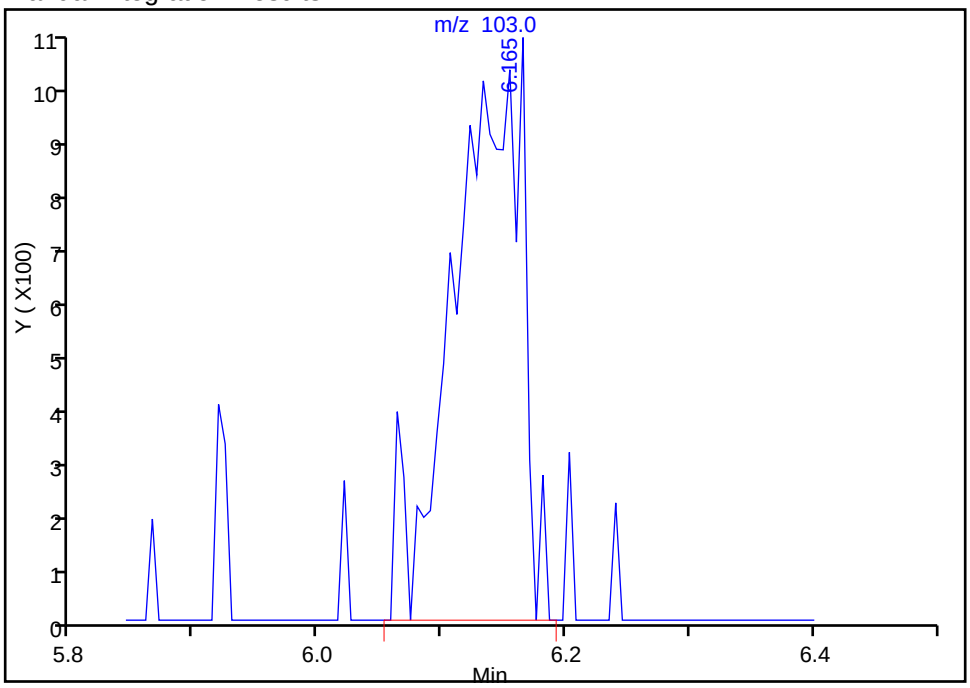
Processing Integration Results

RT: 6.13
Area: 2342
Amount: 0.068296
Amount Units: ppb v/v



Manual Integration Results

RT: 6.17
Area: 3990
Amount: 0.090339
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:12:07
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

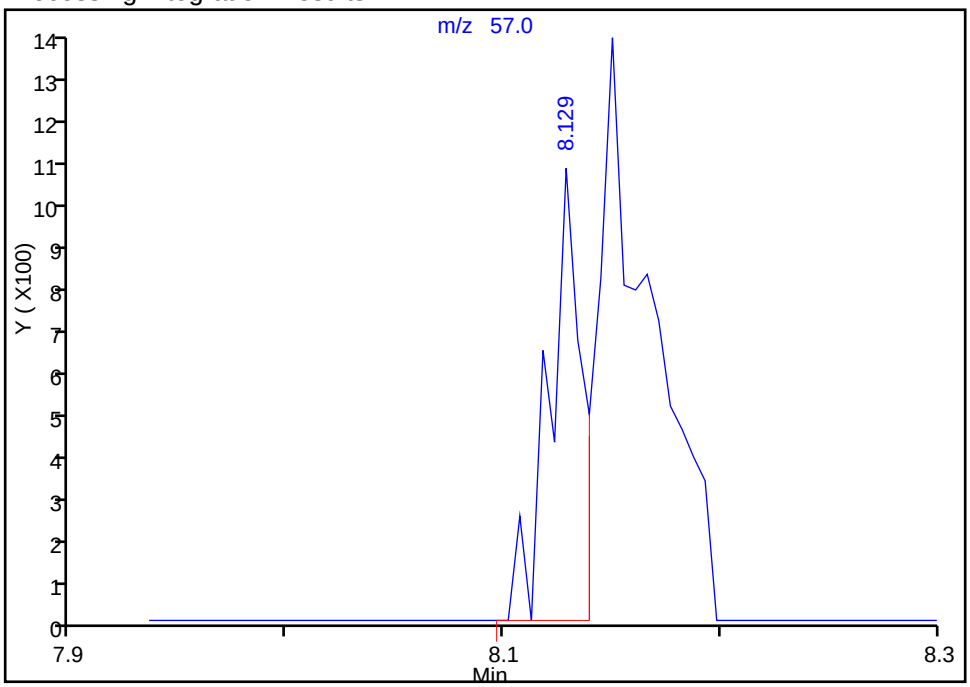
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Hexane, CAS: 110-54-3

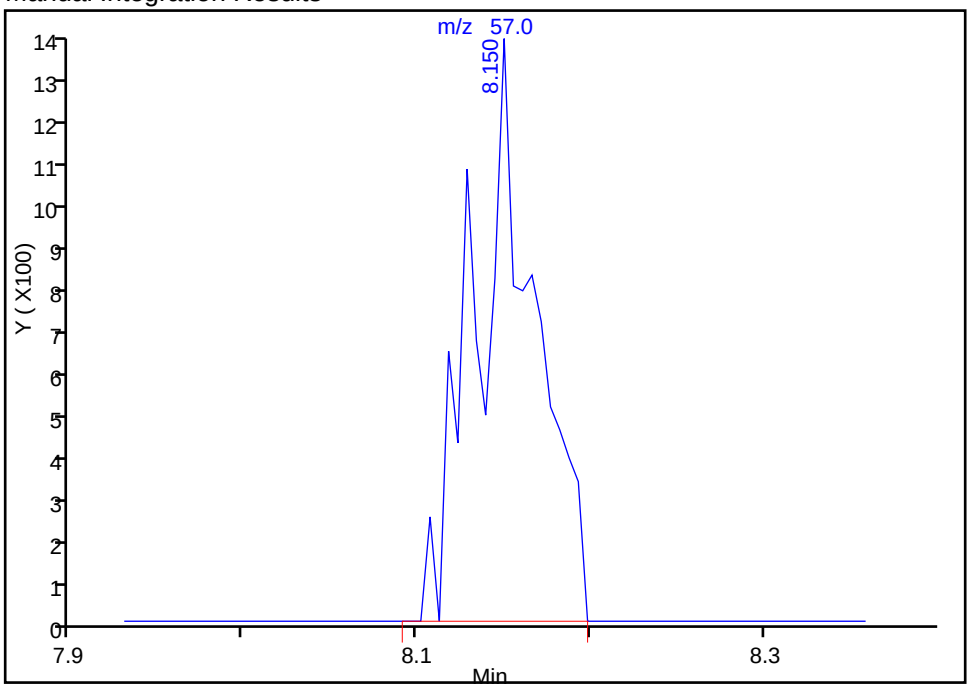
Processing Integration Results

RT: 8.13
Area: 1101
Amount: 0.030514
Amount Units: ppb v/v



Manual Integration Results

RT: 8.15
Area: 3275
Amount: 0.090767
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:12:07
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

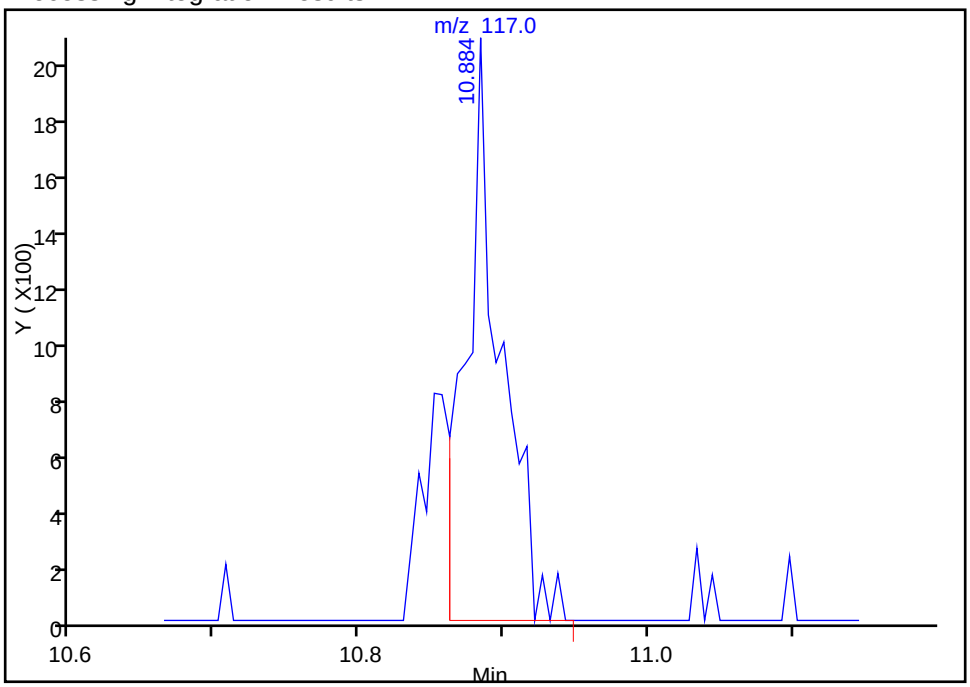
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_14.D				
Injection Date:	02-Feb-2015 20:16:30	Instrument ID:	CHG.i		
Lims ID:	280-64806-A-30	Lab Sample ID:	200-64806-30		
Client ID:	786VMP0202NC				
Operator ID:	bpl	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Carbon tetrachloride, CAS: 56-23-5

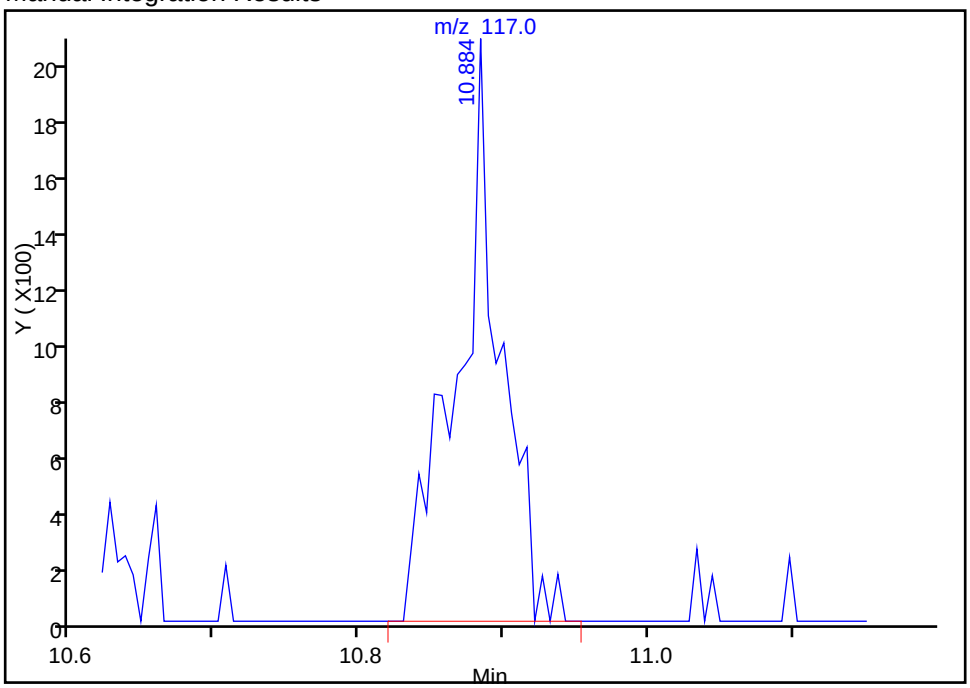
Processing Integration Results

RT: 10.88
Area: 3454
Amount: 0.037537
Amount Units: ppb v/v



Manual Integration Results

RT: 10.88
Area: 4350
Amount: 0.047275
Amount Units: ppb v/v



Reviewer: lyonsb, 03-Feb-2015 09:12:07
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 012615TB Lab Sample ID: 280-64806-31

Matrix: Air Lab File ID: 11880-007.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.20	U	0.50	0.056
75-45-6	Freon 22	86.47	0.20	U	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.20	U	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.045
76-13-1	Freon TF	187.38	0.080	U	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.5	U	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.030	U	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.030	U	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 012615TB Lab Sample ID: 280-64806-31

Matrix: Air Lab File ID: 11880-007.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.030	U	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.060	U	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	U	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 012615TB Lab Sample ID: 280-64806-31

Matrix: Air Lab File ID: 11880-007.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 012615TB Lab Sample ID: 280-64806-31

Matrix: Air Lab File ID: 11880-007.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.99	U	2.5	0.28
75-45-6	Freon 22	86.47	0.71	U	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	0.48	U	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.25
76-13-1	Freon TF	187.38	0.61	U	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	5.9	U	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.19	U	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.096	U	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 012615TB Lab Sample ID: 280-64806-31

Matrix: Air Lab File ID: 11880-007.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.11	U	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.26	U	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	U	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: 012615TB Lab Sample ID: 280-64806-31

Matrix: Air Lab File ID: 11880-007.D

Analysis Method: TO-15 Date Collected: 01/26/2015 09:00

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-007.D
Lims ID: 280-64806-A-31 Lab Sample ID: 200-64806-31
Client ID: 012615TB
Sample Type: Client
Inject. Date: 29-Jan-2015 15:39:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011880-007
Misc. Info.: 280-64806-31
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 07:34:29 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: desjardinsb Date: 30-Jan-2015 07:34:56

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	2 Dichlorodifluoromethane	85		3.113				ND	
	3 Chlorodifluoromethane	51		3.162				ND	
	4 1,2-Dichloro-1,1,2,2-tetra	85		3.376				ND	
	5 Chloromethane	50		3.520				ND	
	6 Butane	43		3.713				ND	
	7 Vinyl chloride	62		3.755				ND	
	8 Butadiene	54		3.830				ND	
	9 Bromomethane	94		4.510				ND	
	10 Chloroethane	64		4.740				ND	
	12 Vinyl bromide	106		5.130				ND	
	13 Trichlorofluoromethane	101		5.216				ND	
	18 1,1,2-Trichloro-1,2,2-trif	101		6.275				ND	
	20 1,1-Dichloroethene	96		6.334				ND	
	21 Acetone	43		6.580				ND	
	22 Carbon disulfide	76		6.730				ND	
	23 Isopropyl alcohol	45		6.858				ND	
	24 3-Chloro-1-propene	41		7.126				ND	
	26 Methylene Chloride	49		7.415				ND	
	28 2-Methyl-2-propanol	59		7.623				ND	
	29 Methyl tert-butyl ether	73		7.800				ND	
	30 trans-1,2-Dichloroethene	61		7.843				ND	
	32 Hexane	57		8.217				ND	
	33 1,1-Dichloroethane	63		8.731				ND	
	35 cis-1,2-Dichloroethene	96		9.849				ND	
	36 2-Butanone (MEK)	72		9.902				ND	
S	38 1,2-Dichloroethene, Total	61		10.000				ND	
	39 Tetrahydrofuran	42		10.309				ND	
*	40 Chlorobromomethane	128	10.319	10.319	0.000	93	127011	10.0	
	41 Chloroform	83		10.448				ND	
	42 Cyclohexane	84		10.689				ND	
	43 1,1,1-Trichloroethane	97		10.726				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	44 Carbon tetrachloride	117		10.972				ND	
	45 Isooctane	57		11.405				ND	
	46 Benzene	78		11.459				ND	
	47 1,2-Dichloroethane	62		11.657				ND	
	48 n-Heptane	43		11.796				ND	
*	50 1,4-Difluorobenzene	114	12.315	12.320	-0.005	95	772449		10.0
	52 Trichloroethene	95		12.796				ND	
	53 1,2-Dichloropropane	63		13.401				ND	
	54 Methyl methacrylate	69		13.545				ND	
	55 1,4-Dioxane	88		13.610				ND	
	57 Dichlorobromomethane	83		13.968				ND	
	58 cis-1,3-Dichloropropene	75		14.942				ND	
	61 4-Methyl-2-pentanone (MIBK	43		15.236				ND	
	62 Toluene	92		15.551				ND	
	67 trans-1,3-Dichloropropene	75		16.172				ND	
	68 1,1,2-Trichloroethane	83		16.557				ND	
	69 Tetrachloroethene	166		16.653				ND	
	70 2-Hexanone	43		17.007				ND	
	71 Chlorodibromomethane	129		17.344				ND	
	72 Ethylene Dibromide	107		17.632				ND	
*	73 Chlorobenzene-d5	117	18.531	18.531	0.000	88	766885		10.0
	74 Chlorobenzene	112		18.595				ND	
	75 Ethylbenzene	91		18.740				ND	
	77 m-Xylene & p-Xylene	106		18.991				ND	
	78 o-Xylene	106		19.799				ND	
	79 Styrene	104		19.847				ND	
S	80 Xylenes, Total	106		20.000				ND	
	81 Bromoform	173		20.254				ND	
	82 Isopropylbenzene	105		20.430				ND	
*	83 4-Bromofluorobenzene	95	20.789	20.789	0.000	90	550998		10.0
	85 1,1,2,2-Tetrachloroethane	83		21.051				ND	
	86 N-Propylbenzene	91		21.110				ND	
	89 4-Ethyltoluene	105		21.292				ND	
	90 2-Chlorotoluene	91		21.308				ND	
	91 1,3,5-Trimethylbenzene	105		21.388				ND	
	93 tert-Butylbenzene	119		21.859				ND	
	94 1,2,4-Trimethylbenzene	105		21.950				ND	
	95 sec-Butylbenzene	105		22.174				ND	
	96 4-Isopropyltoluene	119		22.372				ND	
	97 1,3-Dichlorobenzene	146		22.415				ND	
	98 1,4-Dichlorobenzene	146		22.554				ND	
	99 Benzyl chloride	91		22.763				ND	
	101 n-Butylbenzene	91		22.966				ND	
	102 1,2-Dichlorobenzene	146		23.116				ND	
	104 1,2,4-Trichlorobenzene	180		25.780				ND	
	105 Hexachlorobutadiene	225		25.962				ND	
	106 Naphthalene	128		26.315				ND	

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

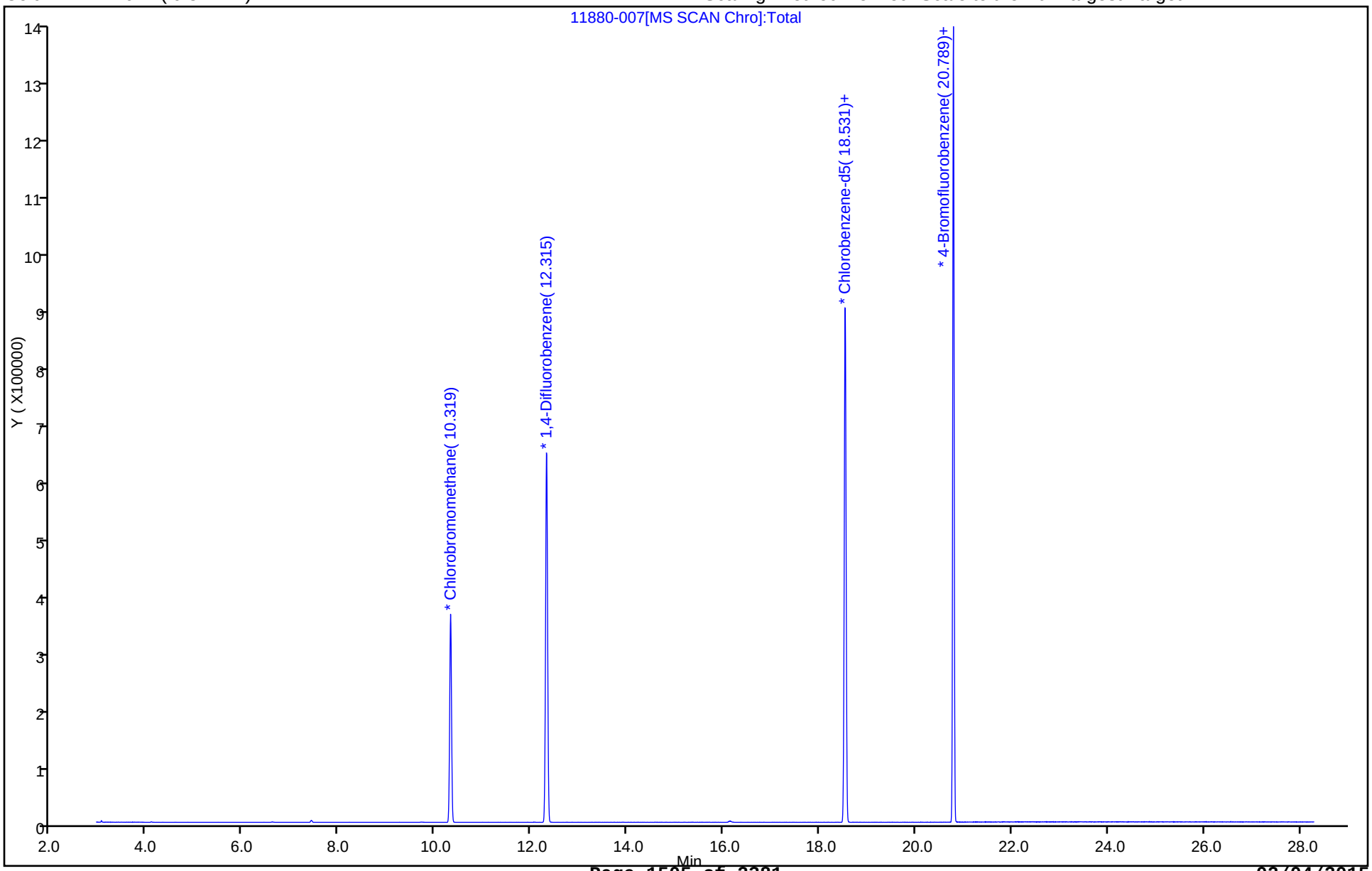
Report Date: 30-Jan-2015 07:34:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-007.D

Injection Date:	29-Jan-2015 15:39:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	280-64806-A-31	Lab Sample ID:	200-64806-31	Worklist Smp#:	7
Client ID:	012615TB				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83585

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/20/2015 17:24 Calibration End Date: 01/20/2015 23:27 Calibration ID: 29623

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-83585/7	11709_07.D
Level 2	IC 200-83585/8	11709_08.D
Level 3	IC 200-83585/9	11709_09.D
Level 4	IC 200-83585/10	11709_10.D
Level 5	ICIS 200-83585/11	11709_11.D
Level 6	IC 200-83585/12	11709_12.D
Level 7	IC 200-83585/13	11709_13.D
Level 8	IC 200-83585/14	11709_14.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.7744	+++++ 0.7698	1.1570 0.7692	0.8126	0.8447	Ave		0.8546				18.0		30.0			
Dichlorodifluoromethane	+++++ 3.1032	+++++ 3.0699	3.1578 3.1060	3.1078	3.2503	Ave		3.1325				2.0		30.0			
Freon 22	+++++ 1.7037	+++++ 1.7186	2.0215 1.6983	1.6714	1.7950	Ave		1.7681				7.4		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.6413	2.6627 2.5794	2.7001 2.5864	2.6207	2.7846	Ave		2.6536				2.7		30.0			
Chloromethane	+++++ 0.7757	+++++ 0.7681	0.9060 0.7720	0.7444	0.8250	Ave		0.7985				7.4		30.0			
n-Butane	+++++ 1.4427	+++++ 1.4255	1.4869 1.4203	1.4317	1.5291	Ave		1.4560				3.0		30.0			
Vinyl chloride	1.2162 0.8907	0.9142 0.8732	0.8826 0.8876	0.8428	0.9345	Ave		0.9302				13.0		30.0			
1,3-Butadiene	+++++ 0.6737	0.6558 0.6784	0.5706 0.6837	0.6655	0.7026	Ave		0.6615				6.5		30.0			
Bromomethane	+++++ 0.8416	0.8700 0.8321	0.8088 0.8316	0.8290	0.8606	Ave		0.8391				2.5		30.0			
Chloroethane	+++++ 0.4570	+++++ 0.4557	0.4347 0.4579	0.4488	0.4670	Ave		0.4535				2.4		30.0			
Isopentane	+++++ 1.0015	1.0295 1.0307	1.1381 1.0228	0.9838	1.0465	Ave		1.0361				4.8		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.9369	0.9458 0.9469	1.0290 0.9238	0.9181	0.9697	Ave		0.9529				3.9		30.0			
Trichlorofluoromethane	+++++ 3.1521	2.6897 3.1465	3.0988 3.1629	3.0526	3.2672	Ave		3.0814				6.0		30.0			
n-Pentane	+++++ 1.5178	+++++ 1.5528	1.4560 1.5632	1.5480	1.5932	Ave		1.5385				3.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83585

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/20/2015 17:24 Calibration End Date: 01/20/2015 23:27 Calibration ID: 29623

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.3409	+++++ 0.3492	0.3705 0.3442	0.3587	0.3654	Ave		0.3548				3.4		30.0			
Ethyl ether	+++++ 0.6204	0.7515 0.6089	0.6528 0.6086	0.5842	0.6341	Ave		0.6372				8.6		30.0			
Acrolein	+++++ 0.2840	+++++ 0.2903	+++++ 0.2708	0.2421	0.2859	Ave		0.2746				7.1		30.0			
Freon TF	+++++ 2.0150	1.7499 2.0165	2.0468 2.0198	2.0094	2.1292	Ave		1.9981				5.9		30.0			
1,1-Dichloroethene	+++++ 0.8750	0.8924 0.8639	0.9278 0.8667	0.8305	0.9209	Ave		0.8825				3.9		30.0			
Acetone	+++++ 1.6922	+++++ 1.6222	+++++ 1.5355	2.1566	1.6927	Ave		1.7398				14.0		30.0			
Isopropyl alcohol	+++++ 1.2891	+++++ 1.2805	+++++ 1.2590	1.3138	1.3037	Ave		1.2892				1.6		30.0			
Carbon disulfide	+++++ 2.2694	+++++ 2.2163	2.0354 2.2315	2.1780	2.5616	Ave		2.2487				7.7		30.0			
3-Chloropropene	+++++ 1.2325	1.1360 1.2671	1.2712 1.2616	1.1644	1.2869	Ave		1.2314				4.7		30.0			
Acetonitrile	+++++ 0.6042	+++++ 0.6380	+++++ 0.6301	0.5951	0.6383	Ave		0.6211				3.2		30.0			
Methylene Chloride	+++++ 1.0861	+++++ 1.1003	1.3404 1.0790	1.0567	1.1446	Ave		1.1345				9.3		30.0			
tert-Butyl alcohol	+++++ 1.9060	+++++ 1.9136	+++++ 1.8668	1.9428	1.9445	Ave		1.9147				1.7		30.0			
Methyl tert-butyl ether	+++++ 3.0039	2.4808 2.9673	2.8119 2.9903	2.8644	3.0928	Ave		2.8873				7.0		30.0			
trans-1,2-Dichloroethene	+++++ 1.3564	1.3422 1.3840	1.2163 1.3788	1.3049	1.4281	Ave		1.3444				5.1		30.0			
Acrylonitrile	+++++ 0.6279	+++++ 0.6311	0.5692 0.6355	0.5722	0.6441	Ave		0.6133				5.5		30.0			
n-Hexane	+++++ 1.3726	1.4463 1.3801	1.5105 1.3877	1.3242	1.4435	Ave		1.4093				4.4		30.0			
1,1-Dichloroethane	1.4733 1.7411	1.3919 1.7502	1.6698 1.7543	1.6681	1.8147	Ave		1.6579				9.0		30.0			
Vinyl acetate	+++++ 2.8397	+++++ 2.8962	+++++ 2.9395	2.7082	2.9867	Ave		2.8740				3.7		30.0			
Methyl Ethyl Ketone	+++++ 0.4765	+++++ 0.4757	0.6396 0.4706	0.4749	0.5043	Ave		0.5069				13.0		30.0			
cis-1,2-Dichloroethene	+++++ 1.0383	0.9500 1.0196	1.0589 1.0116	1.0400	1.0796	Ave		1.0283				4.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83585

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/20/2015 17:24 Calibration End Date: 01/20/2015 23:27 Calibration ID: 29623

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.0834	+++++ 0.0879	+++++ 0.0830	0.0793	0.0935	Ave		0.0854				6.4		30.0			
Tetrahydrofuran	+++++ 0.2301	+++++ 0.2319	+++++ 0.2355	0.2193	0.2370	Ave		0.2308				3.0		30.0			
Chloroform	+++++ 2.2058	2.0681 2.2349	2.2197 2.2328	2.1499	2.3188	Ave		2.2043				3.5		30.0			
Cyclohexane	+++++ 0.2774	0.2925 0.2784	0.2885 0.2804	0.2586	0.2848	Ave		0.2801				3.9		30.0			
1,1,1-Trichloroethane	+++++ 0.5344	0.4856 0.5347	0.4685 0.5403	0.5159	0.5463	Ave		0.5180				5.8		30.0			
Carbon tetrachloride	0.5323 0.6111	0.5480 0.6182	0.6126 0.6254	0.6013	0.6239	Ave		0.5966				6.0		30.0			
2,2,4-Trimethylpentane	+++++ 0.9851	0.8398 0.9984	0.9217 1.0223	0.9260	1.0274	Ave		0.9601				7.1		30.0			
Benzene	+++++ 0.6010	0.6226 0.6097	0.5832 0.6195	0.5594	0.6262	Ave		0.6031				4.0		30.0			
1,2-Dichloroethane	+++++ 0.3303	0.3017 0.3389	0.3404 0.3385	0.3105	0.3429	Ave		0.3290				5.0		30.0			
n-Heptane	+++++ 0.3876	0.3981 0.3960	0.4117 0.4030	0.3620	0.4011	Ave		0.3942				4.1		30.0			
n-Butanol	+++++ 0.1129	+++++ 0.1137	+++++ 0.1206	0.1168	0.1199	Ave		0.1168				3.0		30.0			
Trichloroethene	0.3573 0.2992	0.2463 0.3067	0.2938 0.3022	0.2839	0.3064	Ave		0.2995				10.0		30.0			
1,2-Dichloropropane	+++++ 0.2237	0.1947 0.2307	0.2113 0.2313	0.2150	0.2323	Ave		0.2199				6.3		30.0			
Methyl methacrylate	+++++ 0.2329	+++++ 0.2416	0.2337 0.2390	0.2227	0.2388	Ave		0.2348				2.9		30.0			
1,4-Dioxane	+++++ 0.0945	+++++ 0.0970	+++++ 0.0918	0.0987	0.0976	Ave		0.0959				2.9		30.0			
Dibromomethane	+++++ 0.3228	0.2232 0.3146	0.3117 0.3132	0.3197	0.3328	Ave		0.3054				12.0		30.0			
Bromodichloromethane	+++++ 0.5446	0.4497 0.5505	0.5371 0.5577	0.5181	0.5650	Ave		0.5318				7.4		30.0			
cis-1,3-Dichloropropene	+++++ 0.3817	0.3177 0.3814	0.3671 0.3891	0.3581	0.3898	Ave		0.3693				6.9		30.0			
methyl isobutyl ketone	+++++ 0.5899	+++++ 0.5924	0.5715 0.5916	0.5342	0.5986	Ave		0.5797				4.2		30.0			
n-Octane	+++++ 0.5656	0.5837 0.5723	0.5332 0.5890	0.5268	0.6020	Ave		0.5675				5.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83585

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/20/2015 17:24 Calibration End Date: 01/20/2015 23:27 Calibration ID: 29623

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Toluene	+++++ 0.5270	0.4848 0.5302	0.4933 0.5371	0.5082	0.5508	Ave		0.5188				4.6		30.0			
trans-1,3-Dichloropropene	+++++ 0.4217	0.3093 0.4257	0.3923 0.4326	0.3912	0.4355	Ave		0.4012				11.0		30.0			
1,1,2-Trichloroethane	+++++ 0.2526	0.2108 0.2599	0.2232 0.2566	0.2389	0.2683	Ave		0.2443				8.6		30.0			
Tetrachloroethene	0.5666 0.5367	0.4144 0.5294	0.5174 0.5126	0.5235	0.5547	Ave		0.5194				8.9		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.6409	+++++ 0.6553	0.6056 0.6472	0.5678	0.6561	Ave		0.6288				5.6		30.0			
Dibromochloromethane	+++++ 0.6905	0.5938 0.6947	0.6402 0.6877	0.6603	0.7095	Ave		0.6681				6.0		30.0			
1,2-Dibromoethane	+++++ 0.5224	0.4624 0.5293	0.4984 0.5257	0.5021	0.5449	Ave		0.5122				5.3		30.0			
Chlorobenzene	+++++ 0.7632	0.6656 0.7695	0.7223 0.7676	0.7379	0.7958	Ave		0.7460				5.7		30.0			
Ethylbenzene	+++++ 1.2751	1.2017 1.2801	1.2300 1.2920	1.2041	1.3014	Ave		1.2549				3.4		30.0			
n-Nonane	+++++ 0.5551	0.5091 0.5702	0.5292 0.5704	0.5237	0.5727	Ave		0.5472				4.8		30.0			
m,p-Xylene	+++++ 0.4952	0.4170 0.4951	0.4652 0.4972	0.4699	0.5158	Ave		0.4793				6.8		30.0			
Xylene, o-	+++++ 0.4837	0.3792 0.4832	0.4741 0.4867	0.4711	0.5006	Ave		0.4684				8.6		30.0			
Styrene	+++++ 0.8076	0.6062 0.8225	0.7352 0.8191	0.7476	0.8212	Ave		0.7656				10.0		30.0			
Bromoform	+++++ 0.7767	0.6504 0.7723	0.6938 0.7499	0.7718	0.8102	Ave		0.7464				7.4		30.0			
Cumene	+++++ 1.5130	1.1275 1.5231	1.4311 1.5499	1.4529	1.5696	Ave		1.4524				10.0		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7011	0.5539 0.7008	0.6815 0.6996	0.6586	0.7226	Ave		0.6740				8.4		30.0			
n-Propylbenzene	+++++ 1.8093	1.5678 1.8369	1.5655 1.8257	1.6948	1.8552	Ave		1.7365				7.3		30.0			
1,2,3-Trichloropropane	+++++ 0.5685	+++++ 0.5736	0.5422 0.5694	0.5464	0.5856	Ave		0.5643				3.0		30.0			
n-Decane	+++++ 0.7221	+++++ 0.7204	0.6735 0.7101	0.6776	0.7662	Ave		0.7116				4.8		30.0			
4-Ethyltoluene	+++++ 1.5230	1.2430 1.5426	1.4140 1.5199	1.4647	1.5767	Ave		1.4691				7.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83585

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/20/2015 17:24 Calibration End Date: 01/20/2015 23:27 Calibration ID: 29623

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 1.2774	0.9574 1.2724	1.1317 1.2676	1.2173	1.2973	Ave		1.2030				10.0		30.0			
1,3,5-Trimethylbenzene	+++++ 1.3342	1.2051 1.3368	1.2060 1.2968	1.2904	1.3802	Ave		1.2928				5.1		30.0			
Alpha Methyl Styrene	+++++ 0.6618	0.5409 0.6565	0.5841 0.6284	0.6174	0.6498	Ave		0.6198				7.1		30.0			
tert-Butylbenzene	+++++ 1.2799	1.0986 1.2660	1.1617 1.2241	1.2299	1.3085	Ave		1.2241				5.9		30.0			
1,2,4-Trimethylbenzene	+++++ 1.3587	1.0741 1.3580	1.2193 1.3195	1.2975	1.3823	Ave		1.2870				8.4		30.0			
sec-Butylbenzene	+++++ 1.8904	1.4832 1.8596	1.6017 1.8497	1.7769	1.9350	Ave		1.7709				9.4		30.0			
4-Isopropyltoluene	+++++ 1.6410	1.3624 1.5796	1.5173 1.6167	1.5870	1.6852	Ave		1.5699				6.7		30.0			
1,3-Dichlorobenzene	+++++ 0.9438	0.6913 0.9246	0.8550 0.8823	0.9135	0.9704	Ave		0.8830				10.0		30.0			
1,4-Dichlorobenzene	+++++ 0.9478	0.7970 0.9117	0.8271 0.8885	0.8861	0.9673	Ave		0.8894				6.9		30.0			
Benzyl chloride	+++++ 1.2615	0.9945 1.2342	1.0577 1.2285	1.1094	1.3064	Ave		1.1703				10.0		30.0			
n-Undecane	+++++ 0.7919	+++++ 0.8257	+++++ 0.8265	0.7720	0.8570	Ave		0.8146				4.1		30.0			
n-Butylbenzene	+++++ 1.4580	1.2831 1.4120	1.3036 1.4725	1.4006	1.5263	Ave		1.4080				6.3		30.0			
1,2-Dichlorobenzene	+++++ 0.8854	0.7883 0.8489	0.7417 0.8358	0.8497	0.9354	Ave		0.8407				7.5		30.0			
n-Dodecane	+++++ 0.7955	+++++ 0.8348	+++++ 0.7845	0.7219	0.8734	Ave		0.8020				7.1		30.0			
1,2,4-Trichlorobenzene	+++++ 0.7975	+++++ 0.7882	0.6032 0.7575	0.6862	0.8365	Ave		0.7448				12.0		30.0			
Hexachlorobutadiene	+++++ 0.6624	0.5882 0.6501	0.6829 0.5947	0.6779	0.7030	Ave		0.6513				6.8		30.0			
Naphthalene	+++++ 1.7105	+++++ 1.7104	0.9920 1.7259	1.6284	1.7960	Ave		1.5939				19.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.7522	0.6265 0.7319	0.5767 0.7057	0.6280	0.7927	Ave		0.6877				11.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83585

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/20/2015 17:24 Calibration End Date: 01/20/2015 23:27 Calibration ID: 29623

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-83585/7	11709_07.D
Level 2	IC 200-83585/8	11709_08.D
Level 3	IC 200-83585/9	11709_09.D
Level 4	IC 200-83585/10	11709_10.D
Level 5	ICIS 200-83585/11	11709_11.D
Level 6	IC 200-83585/12	11709_12.D
Level 7	IC 200-83585/13	11709_13.D
Level 8	IC 200-83585/14	11709_14.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 486385	+++++ 656438	21550 1366244	156039	325963	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1949002	+++++ 2617791	58815 5516894	596746	1254190	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 1070010	+++++ 1465497	37651 3016475	320947	692630	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1658924	19555 2199508	50291 4593950	503215	1074500	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 487168	+++++ 654948	16874 1371181	142937	318360	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 906080	+++++ 1215517	27694 2522751	274906	590026	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1798 559434	6714 744579	16439 1576549	161826	360581	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	+++++ 423116	4816 578451	10628 1214317	127793	271115	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 528561	6389 709546	15064 1477184	159177	332091	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 287026	+++++ 388597	8097 813363	86183	180197	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 628984	7561 878933	21197 1816635	188899	403832	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 588421	6946 807422	19165 1640825	176292	374162	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1979735	19753 2683106	57717 5618040	586158	1260697	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 953266	+++++ 1324091	27119 2776547	297237	614770	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 286069	+++++ 595693	69083 1528226	137858	211594	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83585

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/20/2015 17:24 Calibration End Date: 01/20/2015 23:27 Calibration ID: 29623

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 389627	5519 519187	12159 1081057	112180	244672	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 178394	+++++ 247516	+++++ 480945	46492	110302	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 1265523	12851 1719547	38123 3587659	385838	821587	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	+++++ 549556	6554 736671	17281 1539480	159464	355342	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 1062812	+++++ 1383309	+++++ 2727299	414106	653171	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 809615	+++++ 1091910	+++++ 2236206	252270	503078	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1425313	+++++ 1889848	37910 3963552	418205	988443	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 774079	8343 1080441	23677 2240886	223578	496581	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 379470	+++++ 544012	+++++ 1119234	114272	246315	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 682113	+++++ 938261	24965 1916609	202914	441685	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 1197088	+++++ 1631767	+++++ 3315926	373055	750313	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1886631	18219 2530243	52372 5311398	550024	1193404	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 851921	9857 1180145	22654 2449140	250570	551074	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 394341	+++++ 538122	10601 1128839	109873	248534	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 862083	10622 1176860	28134 2464808	254274	556992	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	2178 1093527	10222 1492415	31100 3116034	320311	700243	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 1783499	+++++ 2469628	+++++ 5221130	520018	1152461	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 299263	+++++ 405619	11913 835925	91196	194586	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	+++++ 652112	6977 869407	19723 1796793	199702	416595	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 52362	+++++ 74924	+++++ 147492	15226	36082	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	+++++ 708717	+++++ 958663	+++++ 2002351	211183	454048	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83585

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/20/2015 17:24 Calibration End Date: 01/20/2015 23:27 Calibration ID: 29623

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1385382	15188 1905761	41342 3966006	412827	894762	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	+++++ 854260	10707 1150857	26727 2384283	249039	545557	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	+++++ 1645931	17776 2209989	43412 4594335	496871	1046670	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	3944 1882215	20062 2555203	56757 5317984	579152	1195202	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	+++++ 3034015	30743 4126569	85401 8693337	891885	1968236	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	+++++ 1851161	22794 2519895	54033 5268089	538745	1199611	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	+++++ 1017426	11043 1400615	31538 2878080	299026	656846	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	+++++ 1193783	14572 1636765	38142 3426468	348606	768469	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	+++++ 347706	+++++ 469824	+++++ 1025916	112477	229792	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	2647 921452	9017 1267815	27221 2570064	273463	587082	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	+++++ 689121	7129 953319	19582 1966650	207079	445103	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	+++++ 717365	+++++ 998751	21657 2032471	214496	457540	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	+++++ 291158	+++++ 400995	+++++ 780255	95016	187055	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	+++++ 994087	8172 1300123	28885 2663328	307872	637532	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	+++++ 1677506	16464 2275107	49767 4742149	498988	1082424	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1175550	11631 1576418	34015 3308932	344922	746736	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	+++++ 1817004	+++++ 2448338	52953 5030914	514511	1146773	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	+++++ 1742183	21367 2365252	49399 5008102	507400	1153315	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	+++++ 1460107	16043 1962296	41582 4141076	442536	953444	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1298982	11322 1759619	36353 3678906	376800	834399	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	+++++ 699771	6977 961977	18811 1978036	208042	464508	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83585

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/20/2015 17:24 Calibration End Date: 01/20/2015 23:27 Calibration ID: 29623

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	3763 1486913	13713 1959394	43618 3952545	455834	960101	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1775891	+++++ 2425269	51048 4990330	494419	1135632	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	+++++ 1913274	19649 2570895	53963 5302158	574942	1228153	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	+++++ 1447313	15301 1959066	42016 4053316	437218	943206	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	+++++ 2114523	22027 2847886	60884 5918321	642568	1377454	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	+++++ 3533066	39766 4737657	103686 9961190	1048518	2252644	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	+++++ 1537920	16846 2110257	44606 4397784	456035	991319	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	+++++ 2744073	27600 3664699	78426 7666272	818366	1785574	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	+++++ 1340241	12548 1788341	39963 3752179	410210	866602	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	+++++ 2237569	20059 3044167	61974 6315110	650972	1421416	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	+++++ 2151972	21521 2858210	58485 5781952	672117	1402488	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	+++++ 4192070	37311 5636872	120635 11949501	1265176	2717020	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 1942471	18328 2593727	57449 5394153	573496	1250816	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	+++++ 5013054	51881 6798229	131964 14076338	1475836	3211301	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1575187	+++++ 2122760	45708 4390198	475788	1013598	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	+++++ 2000648	+++++ 2666094	56776 5474716	590084	1326280	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	+++++ 4219891	41133 5709024	119193 11718224	1275460	2729236	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	+++++ 3539389	31680 4708953	95394 9773244	1059982	2245632	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 3696606	39879 4947493	101658 9998661	1123691	2389119	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	+++++ 1833643	17899 2429801	49234 4845258	537619	1124726	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	+++++ 3546244	36355 4685176	97923 9438090	1070984	2264940	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83585

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/20/2015 17:24 Calibration End Date: 01/20/2015 23:27 Calibration ID: 29623

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 3764584	35543 5025709	102778 10173533	1129843	2392760	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	+++++ 5237872	49079 6882065	135016 14261266	1547329	3349467	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	+++++ 4546700	45083 5846140	127903 12464898	1381972	2917061	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2615011	22876 3421836	72076 6802975	795472	1679708	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2626016	26374 3374245	69721 6850775	771648	1674311	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	+++++ 3495325	32910 4567670	89156 9471925	966076	2261368	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	+++++ 2194097	+++++ 3055789	+++++ 6372302	672289	1483430	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	+++++ 4039714	42459 5225558	109888 11352983	1219675	2641937	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2453297	26086 3141863	62520 6443929	739935	1619105	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	+++++ 2204062	+++++ 3089579	+++++ 6048863	628644	1511792	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 2209636	+++++ 2917087	50843 5840572	597519	1448033	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	+++++ 1835240	19465 2405840	57568 4585278	590292	1216884	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	+++++ 4739360	+++++ 6329948	83621 13306820	1417999	3108862	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 2084147	20732 2708668	48611 5441258	546895	1372103	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_07.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 20-Jan-2015 17:24:30 ALS Bottle#: 13 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011709-007
Misc. Info.: ic-01
Operator ID: pad Instrument ID: CHB.i
Sublist: chrom-TO15_LLNJ_TO3*sub5

Method: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Jan-2015 10:34:13 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK032

First Level Reviewer: lyonsb Date: 21-Jan-2015 08:41:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41	3.165	3.160	0.005	61	3938	0.0401	0.1249	
5 Dichlorodifluoromethane	85	3.224	3.224	0.000	69	4735	0.0401	0.0410	
6 Chlorodifluoromethane	51	3.272	3.261	0.011	41	3347	0.0401	0.0513	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.448	3.453	-0.005	35	2792	0.0401	0.0285	
8 Chloromethane	50	3.576	3.587	-0.011	1	940	0.0401	0.0319	
9 Butane	43	3.763	3.763	0.000	64	1490	0.0401	0.0277	
10 Vinyl chloride	62	3.822	3.811	0.011	34	1798	0.0401	0.0524	
11 Butadiene	54	3.870	3.875	-0.005	8	1654	0.0401	0.0678	
13 BFB									
12 Bromomethane	94	4.590	4.585	0.005	39	1732	0.0401	0.0560	
14 Chloroethane	64	4.825	4.825	0.000	1	477	0.0401	0.0285	
15 2-Methylbutane	43	5.086	4.894	0.192	50	1047	0.0401	0.0274	
16 Vinyl bromide	106	5.241	5.246	-0.005	17	712	0.0401	0.0203	
17 Trichlorofluoromethane	101	5.332	5.337	-0.005	11	1480	0.0401	0.0130	
18 Pentane	43	5.476	5.471	0.005	51	2021	0.0401	0.0356	
19 Ethanol	45	5.823	5.812	0.011	1	790	0.0802	0.0604	
21 Ethyl ether	59	5.962	5.956	0.006	1	726	0.0401	0.0309	
22 Acrolein	56	6.367	6.357	0.010	1	1129	0.0401	0.1115	
23 1,1,2-Trichloro-1,2,2-trif	101	6.378	6.378	0.000	15	2639	0.0401	0.0358	
24 1,1-Dichloroethene	96	6.453	6.458	-0.005	15	2408	0.0401	0.0740	
25 Acetone	43	6.655	6.634	0.021	70	12778	0.0401	0.1992	
26 Isopropyl alcohol	45	6.853	6.837	0.016	52	2287	0.0401	0.0481	
27 Carbon disulfide	76	6.725	6.890	-0.165	74	359	0.0401	0.004329	
29 3-Chloro-1-propene	41	7.173	7.173	0.000	1	852	0.0401	0.0188	
30 Acetonitrile	41	7.258	7.274	-0.016	1	912	0.0401	0.0398	
31 Methylene Chloride	49	7.435	7.445	-0.010	46	4609	0.0401	0.1102	
32 2-Methyl-2-propanol	59	7.552	7.541	0.011	65	1535	0.0401	0.0217	
33 Methyl tert-butyl ether	73	7.782	7.771	0.011	47	3178	0.0401	0.0298	
34 trans-1,2-Dichloroethene	61	7.830	7.840	-0.010	5	775	0.0401	0.0156	
35 Acrylonitrile	53	7.947	7.947	0.000	9	266	0.0401	0.0118	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57	8.166	8.160	0.006	47	1775	0.0401	0.0342	
37 1,1-Dichloroethane	63	8.598	8.598	0.000	1	2178	0.0401	0.0356	M
38 Vinyl acetate	43	8.598	8.603	-0.005	97	5227	0.0401	0.0493	
40 2-Butanone (MEK)	72	9.511	9.500	0.011	67	1237	0.0401	0.0662	
41 Ethyl acetate	88		9.500				ND	ND	
39 cis-1,2-Dichloroethene	96	9.500	9.505	-0.005	1	499	0.0401	0.0132	
43 Tetrahydrofuran	42	9.895	9.874	0.021	29	1417	0.0401	0.0332	
* 44 Chlorobromomethane	128	9.874	8.648	1.226	86	368777	10.0	10.0	
45 Chloroform	83	9.938	9.948	-0.010	1	2056	0.0401	0.0253	
S 42 1,2-Dichloroethene, Total	61				0		0.0802	0.0288	
47 1,1,1-Trichloroethane	97	10.188	10.194	-0.006	3	1204	0.0401	0.0126	
46 Cyclohexane	84	10.183	10.199	-0.016	1	768	0.0401	0.0148	
48 Carbon tetrachloride	117	10.407	10.402	0.005	34	3944	0.0401	0.0358	M
49 Isooctane	57		10.674				ND	ND	
50 Benzene	78	10.733	10.738	-0.005	54	5127	0.0401	0.0460	
51 1,2-Dichloroethane	62		10.850				ND	ND	
52 n-Heptane	43	10.920	10.925	-0.005	27	2886	0.0401	0.0396	
A 53 GRO	1	10.978	(4.884-17.072)		0	3177233	0.0401	0	
* 54 1,4-Difluorobenzene	114	11.277	11.283	-0.005	95	1848116	10.0	10.0	
56 n-Butanol	56	11.469	11.459	0.010	26	1703	0.0401	0.0789	
57 Trichloroethene	95	11.635	11.640	-0.005	7	2647	0.0401	0.0478	M
58 1,2-Dichloropropane	63	12.019	12.024	-0.005	31	1751	0.0401	0.0431	
59 Methyl methacrylate	69		12.056				ND	ND	
60 1,4-Dioxane	88	12.152	12.147	0.005	27	2602	0.0401	0.1468	
61 Dibromomethane	174	12.216	12.211	0.005	38	1639	0.0401	0.0290	
62 Dichlorobromomethane	83	12.377	12.382	-0.005	24	2482	0.0401	0.0253	
A 63 TVOC as Toluene	1	12.627	(3.150-22.105)		0	5051474	0.0401	52.7	
64 cis-1,3-Dichloropropene	75	13.001	13.012	-0.011	32	2065	0.0401	0.0303	
65 4-Methyl-2-pentanone (MIBK	43	13.161	13.161	0.000	35	4890	0.0401	0.0456	
A 66 C8 Range	1	13.391	(13.351-13.431)		0	32699	NC	NC	
67 n-Octane	43	13.396	13.401	-0.005	54	4652	0.0401	0.0444	
68 Toluene	92	13.428	13.433	-0.005	57	3686	0.0401	0.0429	
A 69 Toluene Range	1	13.448	(13.423-13.473)		0	25536	NC	NC	
70 trans-1,3-Dichloropropene	75	13.796	13.807	-0.011	1	2592	0.0401	0.0350	
71 1,1,2-Trichloroethane	83		14.079				ND	ND	
72 Tetrachloroethene	166	14.202	14.196	0.006	7	3763	0.0401	0.0437	M
73 2-Hexanone	43	14.325	14.335	-0.010	50	2097	0.0401	0.0201	
74 Chlorodibromomethane	129	14.613	14.623	-0.010	47	4310	0.0401	0.0389	
75 Ethylene Dibromide	107	14.816	14.826	-0.010	56	1603	0.0401	0.0189	
* 76 Chlorobenzene-d5	117	15.371	15.376	-0.005	89	1656592	10.0	10.0	
77 Chlorobenzene	112	15.408	15.413	-0.005	38	5451	0.0401	0.0441	
78 n-Nonane	57	15.472	15.477	-0.005	65	4337	0.0401	0.0478	
79 Ethylbenzene	91	15.621	15.477	0.144	64	13132	0.0401	0.0632	
80 m-Xylene & p-Xylene	106	15.627	15.621	0.006	0	2637	0.0802	0.0332	
S 81 Xylenes, Total	106				0		0.1203	0.0391	
82 o-Xylene	106	16.102	16.128	-0.026	1	459	0.0401	0.005916	
83 Styrene	104	16.150	16.155	-0.005	16	2919	0.0401	0.0230	
84 Bromoform	173	16.454	16.449	0.005	55	4899	0.0401	0.0396	
85 Isopropylbenzene	105	16.625	16.534	0.091	52	975	0.0401	0.004052	
$ 86 4-Bromofluorobenzene	95	16.796	16.801	-0.005	92	1237215	NC	NC	
87 1,1,2,2-Tetrachloroethane	83	16.950	16.950	0.000	28	3752	0.0401	0.0336	
88 N-Propylbenzene	91	16.998	17.009	-0.011	51	11280	0.0401	0.0392	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	16.796	17.036	-0.240	65	718310	0.0401	7.68	
90 n-Decane	57	17.057	17.062	-0.005	37	3605	0.0401	0.0306	
91 4-Ethyltoluene	105	17.132	17.132	0.000	60	9901	0.0401	0.0407	
92 2-Chlorotoluene	91	17.169	17.180	-0.011	36	4279	0.0401	0.0215	
93 1,3,5-Trimethylbenzene	105	17.206	17.201	0.005	38	8401	0.0401	0.0392	
94 Alpha Methyl Styrene	118	17.473	17.479	-0.006	52	4201	0.0401	0.0409	
95 tert-Butylbenzene	119	17.575	17.580	-0.005	50	9869	0.0401	0.0487	
96 1,2,4-Trimethylbenzene	105	17.644	17.655	-0.011	4	3911	0.0401	0.0183	
97 sec-Butylbenzene	105	17.842	17.842	0.000	49	10591	0.0401	0.0361	
98 4-Isopropyltoluene	119	17.996	17.996	0.000	89	9932	0.0401	0.0382	
99 1,3-Dichlorobenzene	146	18.076	18.076	0.000	50	6870	0.0401	0.0470	
100 1,4-Dichlorobenzene	146	18.178	18.194	-0.016	43	1360	0.0401	0.009231	
101 Benzyl chloride	91	18.349	18.354	-0.005	78	6930	0.0401	0.0357	
102 Undecane	57	18.455	18.461	-0.006	51	6520	0.0401	0.0483	
103 n-Butylbenzene	91	18.503	18.509	-0.006	34	7257	0.0401	0.0311	
104 1,2-Dichlorobenzene	146	18.690	18.690	0.000	45	4919	0.0401	0.0353	
106 Dodecane	57	19.928	19.944	-0.016	28	2809	0.0401	0.0211	
107 1,2,4-Trichlorobenzene	180	21.113	21.108	0.005	16	4528	0.0401	0.0367	
108 Hexachlorobutadiene	225	21.289	21.268	0.021	0	5506	0.0401	0.0510	
109 Naphthalene	128	21.609	21.615	-0.006	53	10170	0.0401	0.0385	
110 1,2,3-Trichlorobenzene	180	22.100	22.095	0.005	8	4109	0.0401	0.0361	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL1w_00126	Amount Added: 40.00	Units: mL	
ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

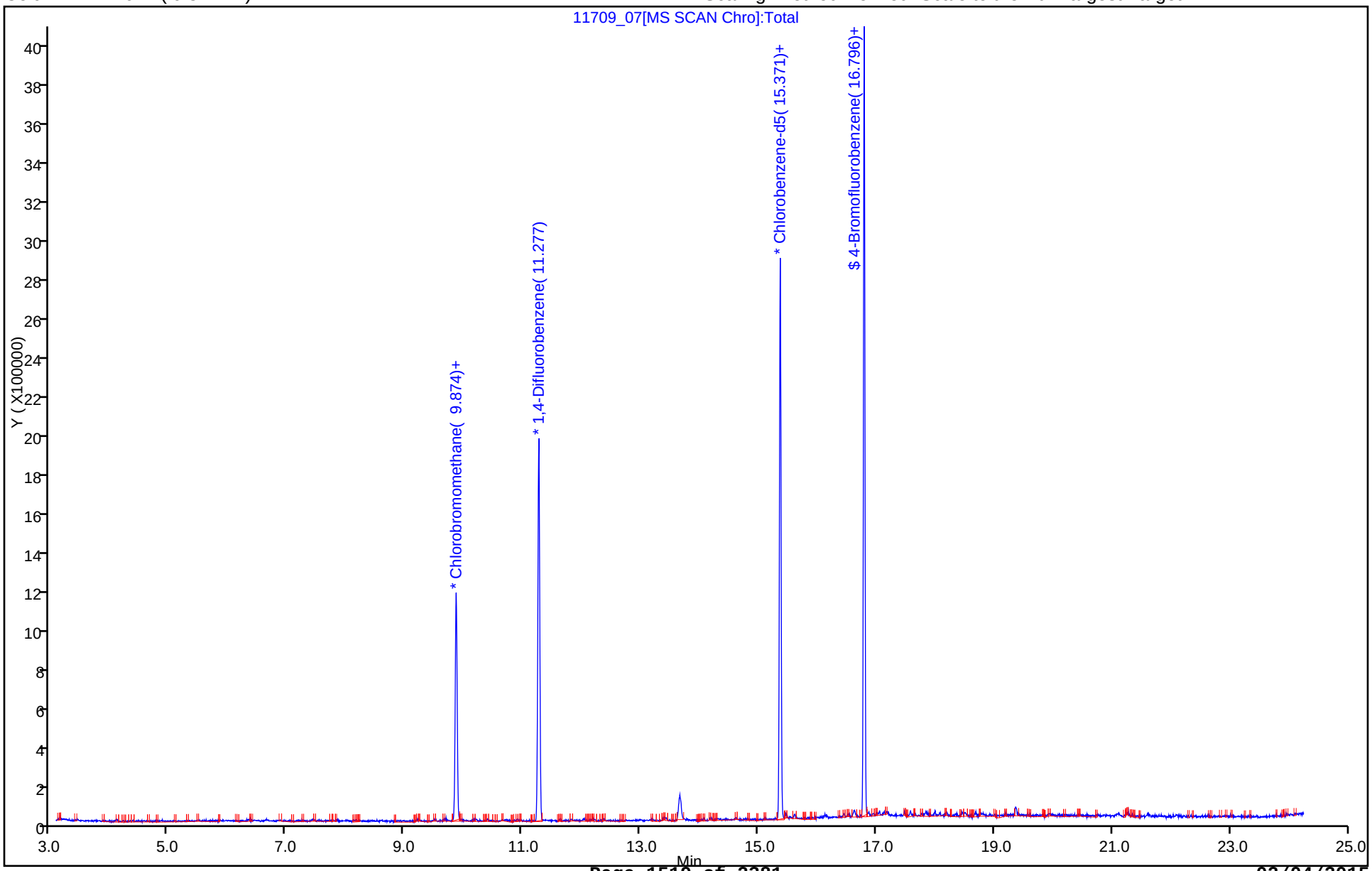
Report Date: 21-Jan-2015 10:34:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_07.D

Injection Date:	20-Jan-2015 17:24:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	ic			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

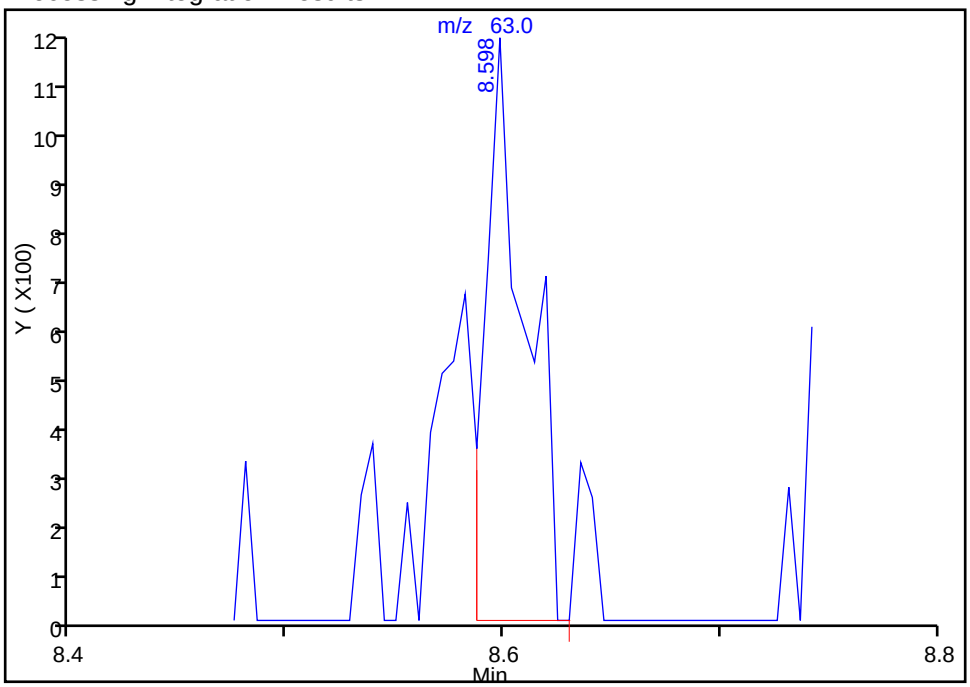
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_07.D				
Injection Date:	20-Jan-2015 17:24:30	Instrument ID:	CHB.i		
Lims ID:	ic				
Client ID:					
Operator ID:	pad	ALS Bottle#:	13	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 1,1-Dichloroethane, CAS: 75-34-3

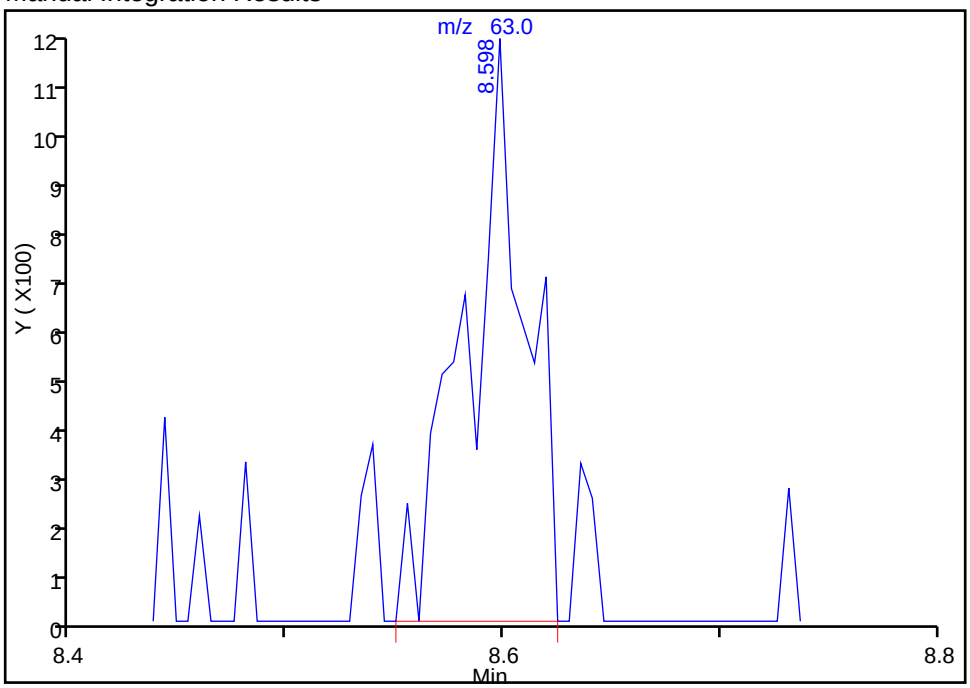
Processing Integration Results

RT: 8.60
Area: 1467
Amount: 0.024897
Amount Units: ppb v/v



Manual Integration Results

RT: 8.60
Area: 2178
Amount: 0.035623
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:41:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

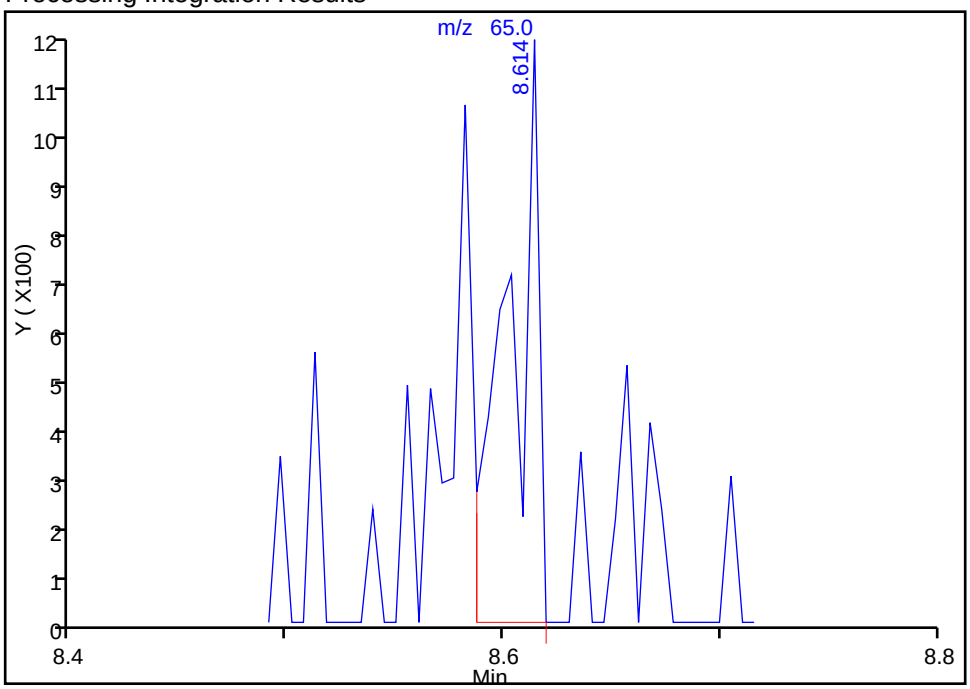
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_07.D
Injection Date: 20-Jan-2015 17:24:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 13 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3

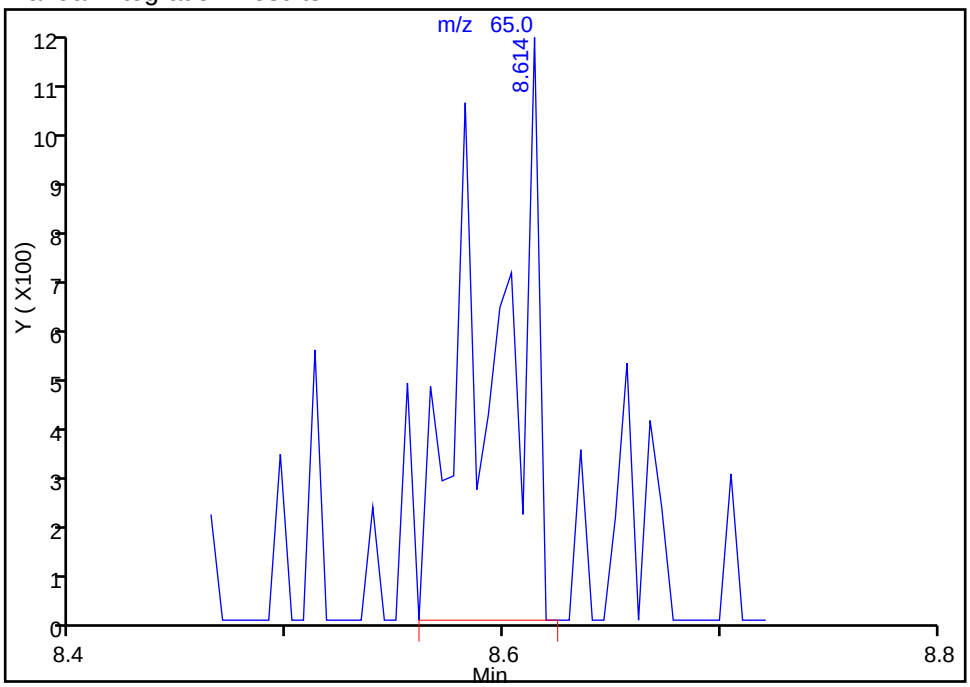
Processing Integration Results

RT: 8.61
Area: 1092
Amount: 0.024897
Amount Units: ppb v/v



Manual Integration Results

RT: 8.61
Area: 1762
Amount: 0.035623
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:41:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

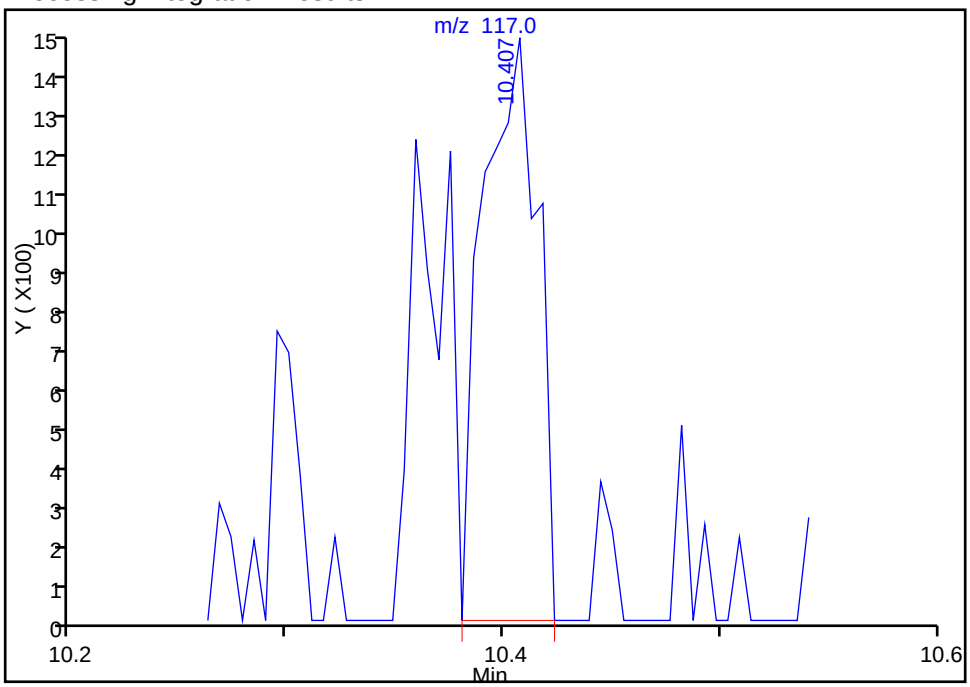
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_07.D				
Injection Date:	20-Jan-2015 17:24:30	Instrument ID:	CHB.i		
Lims ID:	ic				
Client ID:					
Operator ID:	pad	ALS Bottle#:	13	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 Carbon tetrachloride, CAS: 56-23-5

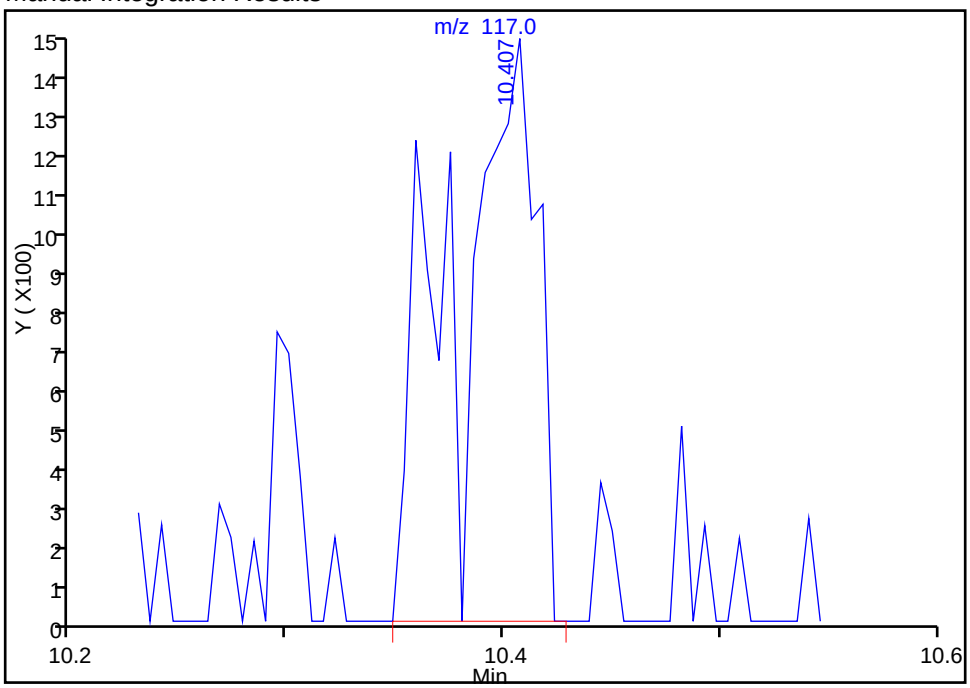
Processing Integration Results

RT: 10.41
Area: 2565
Amount: 0.024207
Amount Units: ppb v/v



Manual Integration Results

RT: 10.41
Area: 3944
Amount: 0.035770
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:41:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

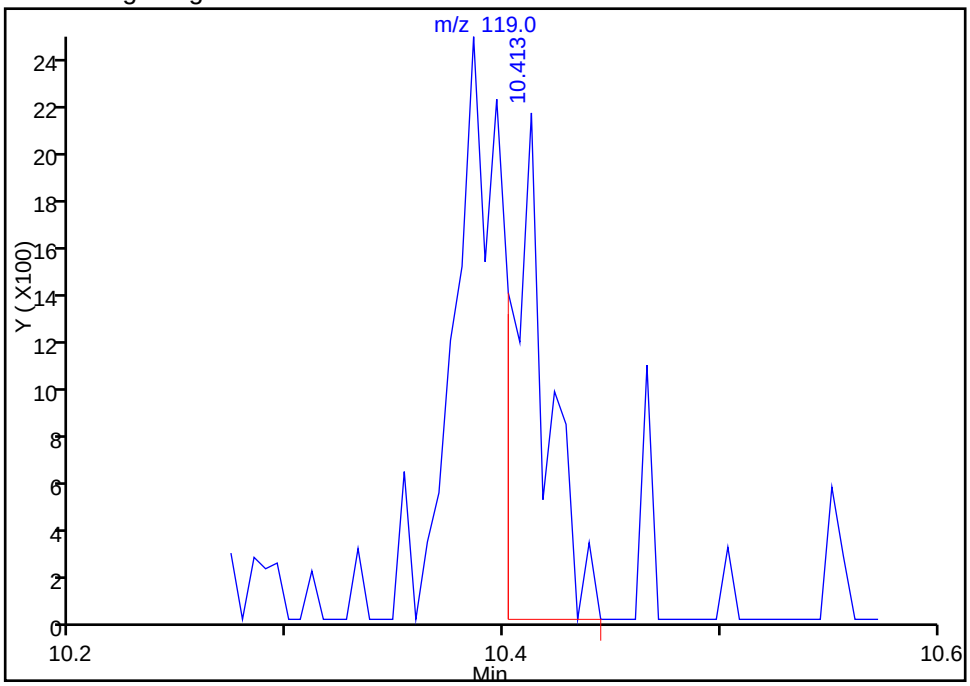
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_07.D
Injection Date: 20-Jan-2015 17:24:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 13 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5

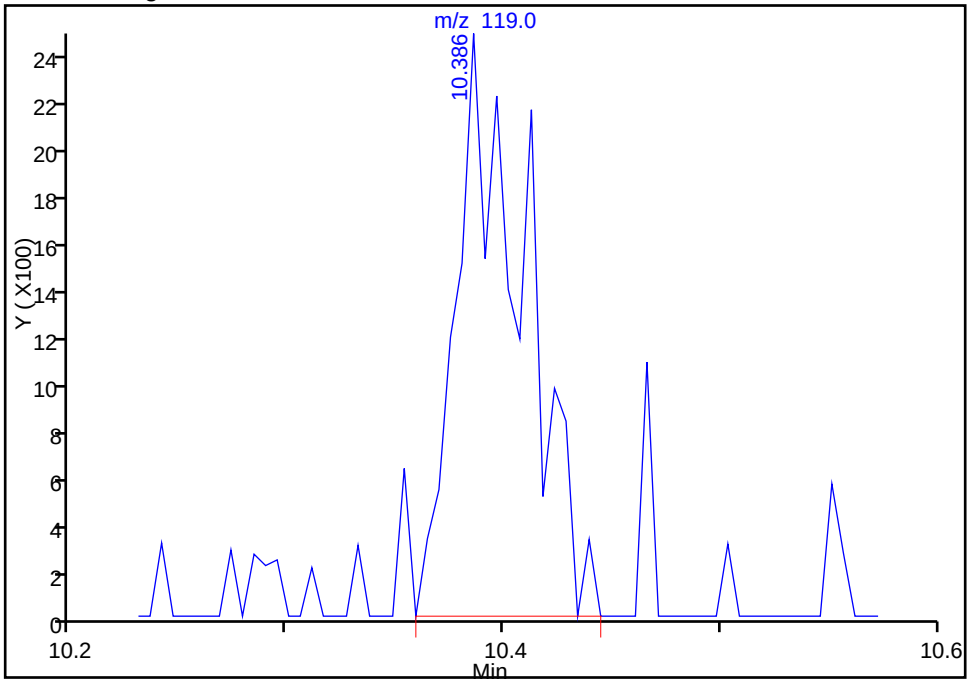
Processing Integration Results

RT: 10.41
Area: 2332
Amount: 0.024207
Amount Units: ppb v/v



Manual Integration Results

RT: 10.39
Area: 5427
Amount: 0.035770
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:41:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

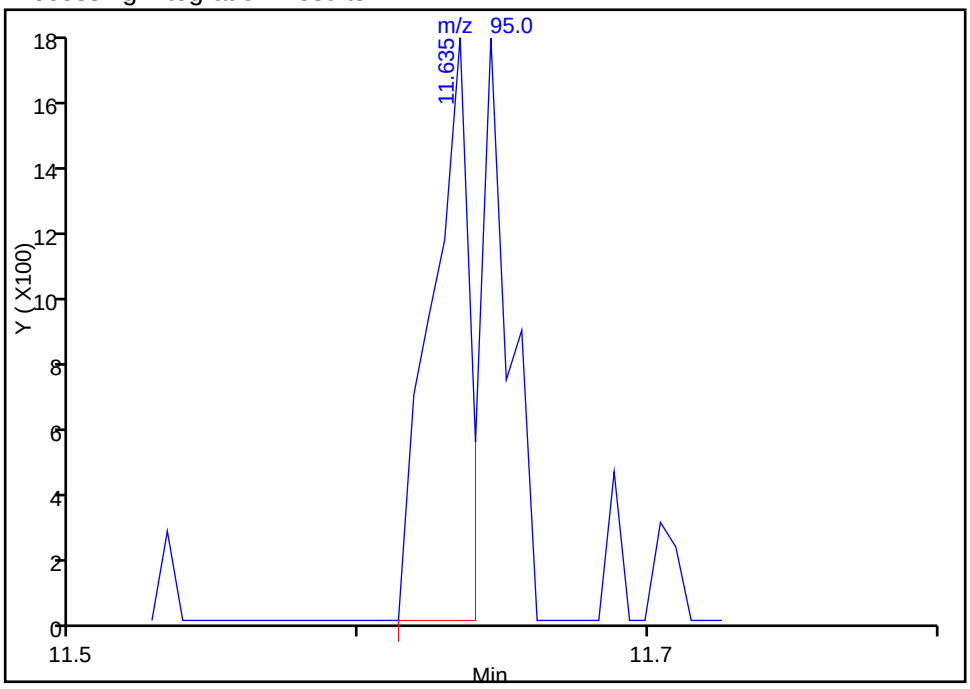
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_07.D
Injection Date: 20-Jan-2015 17:24:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 13 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

57 Trichloroethene, CAS: 79-01-6

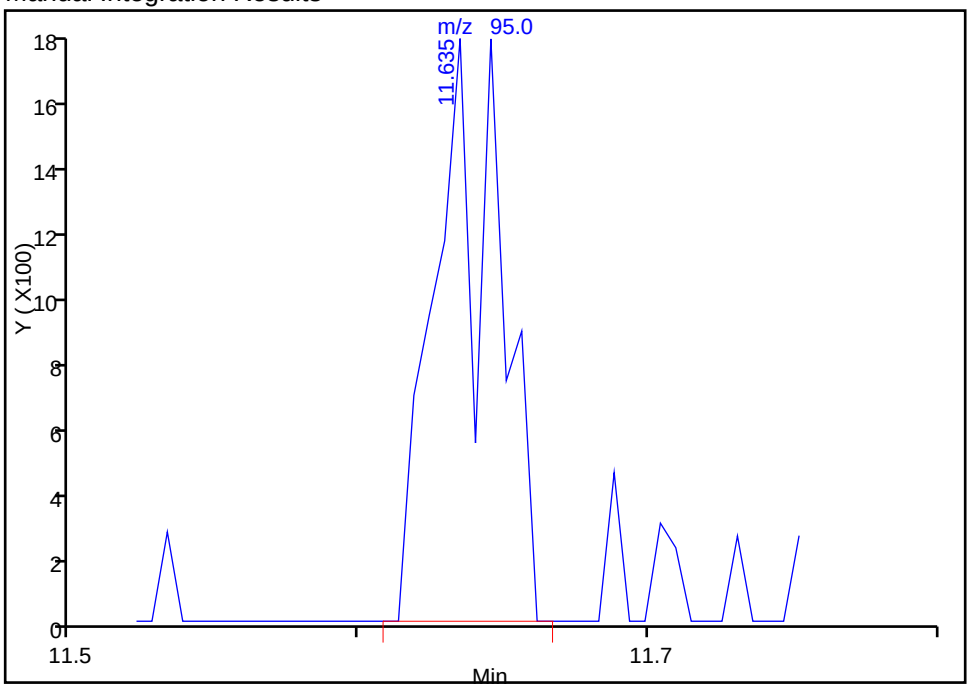
Processing Integration Results

RT: 11.63
Area: 1590
Amount: 0.030546
Amount Units: ppb v/v



Manual Integration Results

RT: 11.63
Area: 2647
Amount: 0.047824
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:41:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

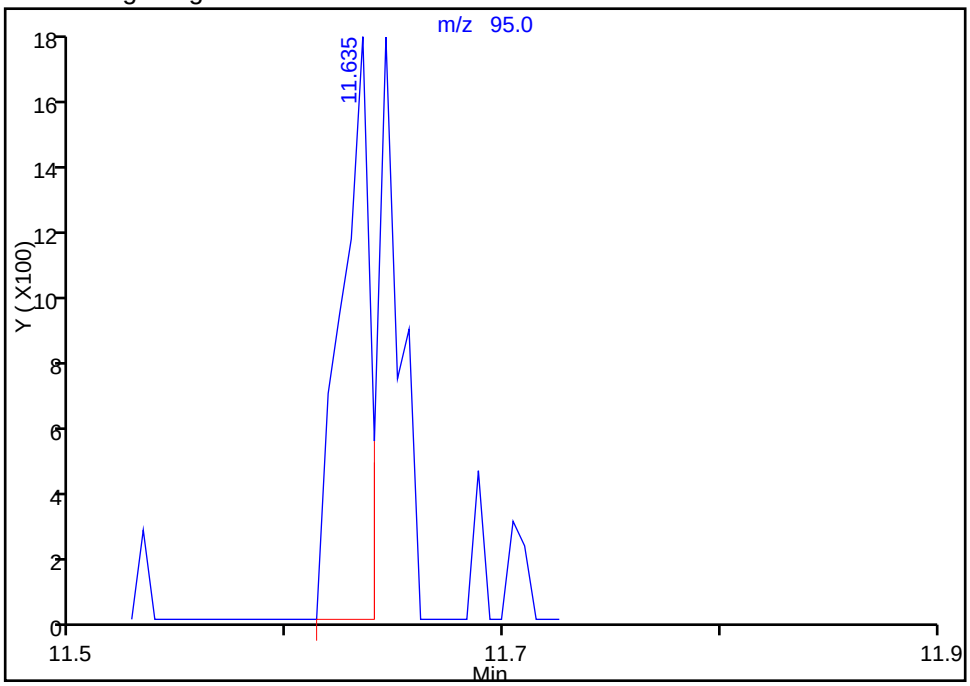
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_07.D
Injection Date: 20-Jan-2015 17:24:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 13 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

57 Trichloroethene, CAS: 79-01-6

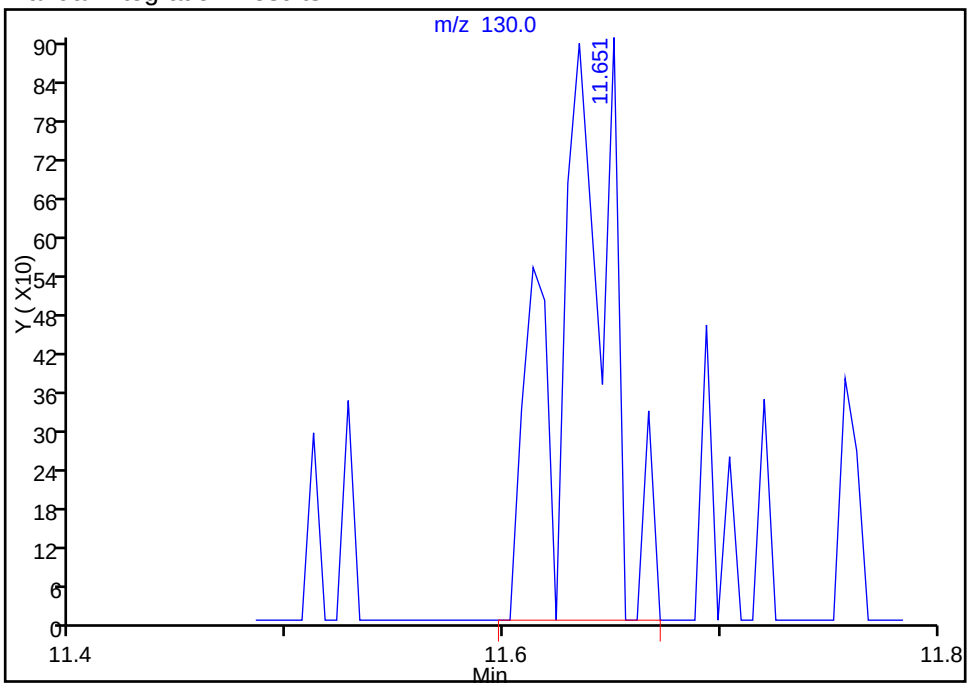
Processing Integration Results

RT: 11.64
Area: 0
Amount: 0.030546
Amount Units: ppb v/v



Manual Integration Results

RT: 11.65
Area: 1652
Amount: 0.047824
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:41:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

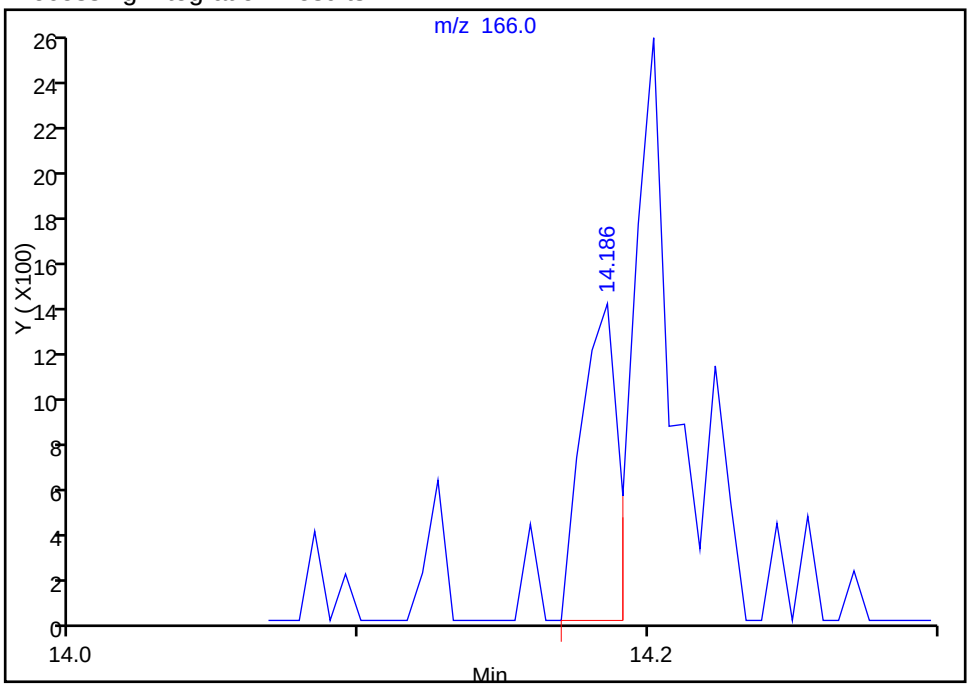
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_07.D
Injection Date: 20-Jan-2015 17:24:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 13 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

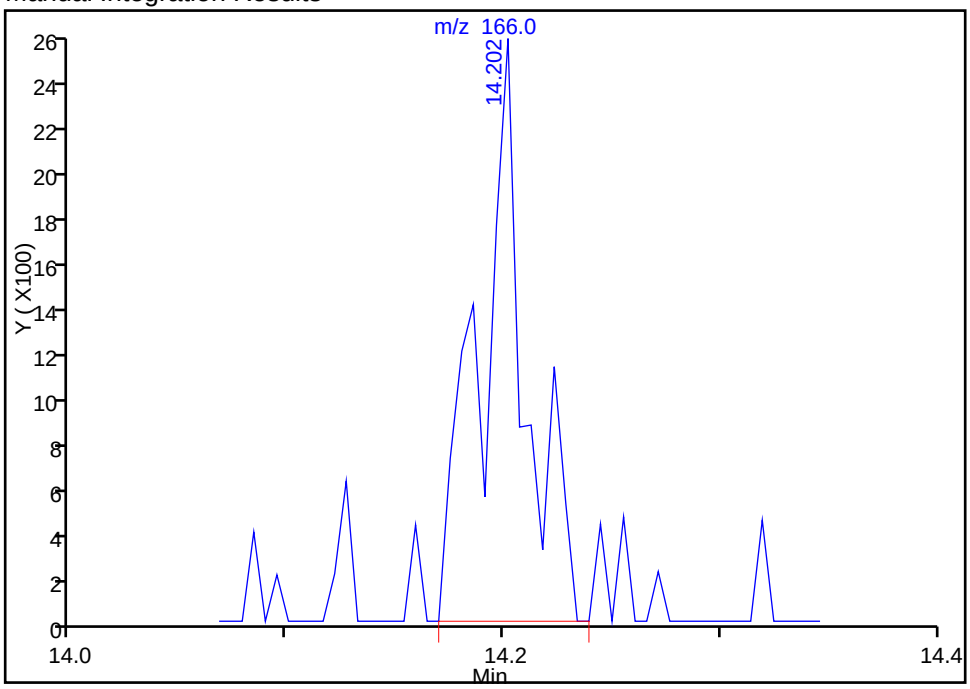
Processing Integration Results

RT: 14.19
Area: 1224
Amount: 0.015666
Amount Units: ppb v/v



Manual Integration Results

RT: 14.20
Area: 3763
Amount: 0.043732
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:41:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

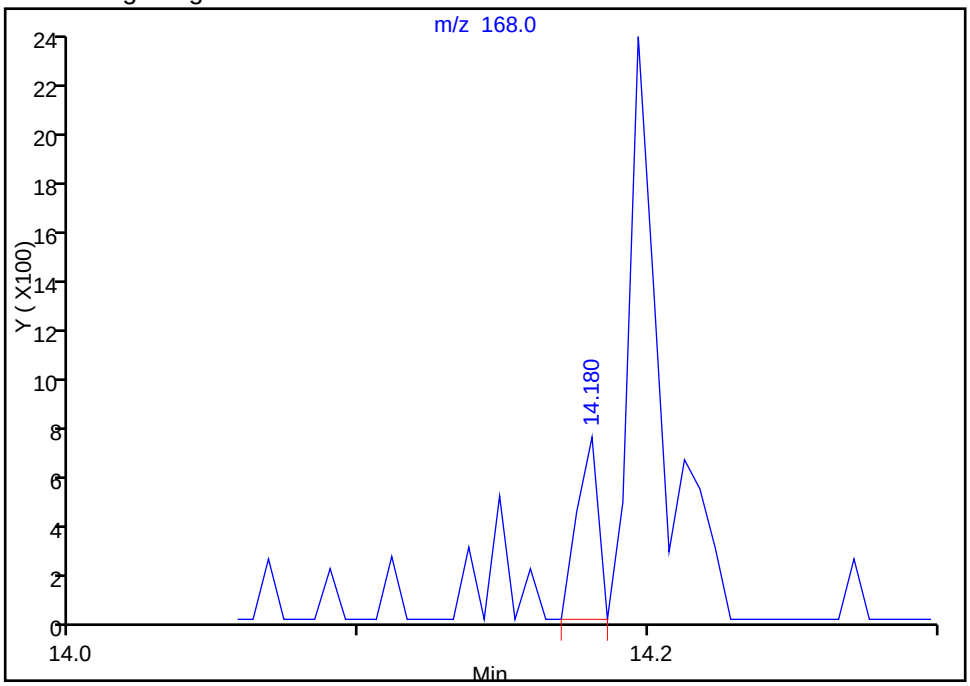
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_07.D
Injection Date: 20-Jan-2015 17:24:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 13 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

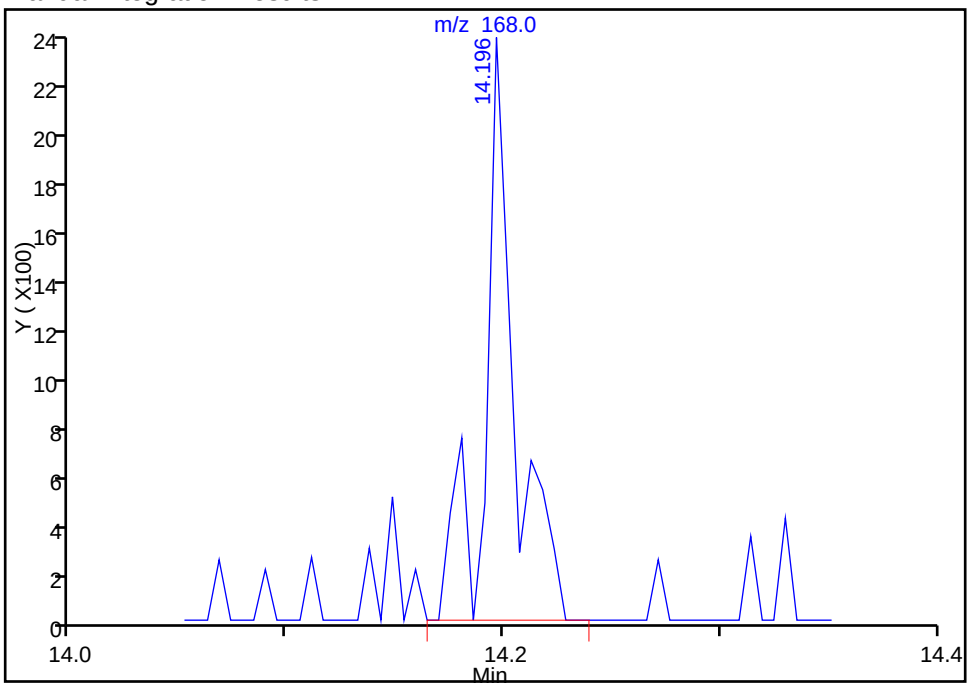
Processing Integration Results

RT: 14.18
Area: 380
Amount: 0.015666
Amount Units: ppb v/v



Manual Integration Results

RT: 14.20
Area: 2299
Amount: 0.043732
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:41:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 20-Jan-2015 18:16:30 ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011709-008
Misc. Info.: ic-02
Operator ID: pad Instrument ID: CHB.i
Sublist: chrom-TO15_LLNJ_TO3*sub5

Method: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Jan-2015 10:34:17 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK032

First Level Reviewer: daiglep Date: 21-Jan-2015 10:22:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41	3.160	3.160	0.000	84	7903	0.2004	0.2524	
5 Dichlorodifluoromethane	85	3.224	3.224	0.000	99	21092	0.2004	0.1838	
6 Chlorodifluoromethane	51	3.272	3.261	0.011	52	12510	0.2004	0.1931	M
7 1,2-Dichloro-1,1,2,2-tetra	85	3.448	3.453	-0.005	88	19555	0.2004	0.2011	M
8 Chloromethane	50	3.592	3.587	0.005	85	6946	0.2004	0.2374	M
9 Butane	43	3.758	3.763	-0.005	63	9808	0.2004	0.1839	M
10 Vinyl chloride	62	3.827	3.811	0.016	35	6714	0.2004	0.1970	
11 Butadiene	54	3.875	3.875	0.000	53	4816	0.2004	0.1987	
13 BFB									
12 Bromomethane	94	4.585	4.585	0.000	40	6389	0.2004	0.2078	M
14 Chloroethane	64	4.825	4.825	0.000	38	1880	0.2004	0.1131	M
15 2-Methylbutane	43	4.884	4.894	-0.010	76	7561	0.2004	0.1992	
16 Vinyl bromide	106	5.252	5.246	0.006	70	6946	0.2004	0.1990	
17 Trichlorofluoromethane	101	5.343	5.337	0.006	92	19753	0.2004	0.1750	M
18 Pentane	43	5.476	5.471	0.005	77	12586	0.2004	0.2233	
19 Ethanol	45	5.828	5.812	0.016	55	7169	0.4009	0.5515	M
21 Ethyl ether	59	5.967	5.956	0.011	31	5519	0.2004	0.2364	M
22 Acrolein	56	6.367	6.357	0.010	69	3440	0.2004	0.3419	
23 1,1,2-Trichloro-1,2,2-trif	101	6.351	6.378	-0.027	92	12851	0.2004	0.1755	M
24 1,1-Dichloroethene	96	6.458	6.458	0.000	47	6554	0.2004	0.2027	
25 Acetone	43	6.640	6.634	0.006	84	39387	0.2004	0.6179	
26 Isopropyl alcohol	45	6.842	6.837	0.005	75	11162	0.2004	0.2363	
27 Carbon disulfide	76	6.896	6.890	0.006	91	14693	0.2004	0.1783	M
29 3-Chloro-1-propene	41	7.184	7.173	0.011	54	8343	0.2004	0.1849	M
30 Acetonitrile	41	7.280	7.274	0.006	84	6137	0.2004	0.2697	
31 Methylene Chloride	49	7.440	7.445	-0.005	67	12228	0.2004	0.2942	M
32 2-Methyl-2-propanol	59	7.531	7.541	-0.010	75	13666	0.2004	0.1948	M
33 Methyl tert-butyl ether	73	7.782	7.771	0.011	68	18219	0.2004	0.1722	
34 trans-1,2-Dichloroethene	61	7.846	7.840	0.006	63	9857	0.2004	0.2001	M
35 Acrylonitrile	53	7.947	7.947	0.000	64	4308	0.2004	0.1917	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57	8.150	8.160	-0.010	76	10622	0.2004	0.2057	
37 1,1-Dichloroethane	63	8.593	8.598	-0.005	66	10222	0.2004	0.1683	
38 Vinyl acetate	43	8.598	8.603	-0.005	99	21684	0.2004	0.2059	
* 44 Chlorobromomethane	128	9.874	8.648	1.226	87	366395	10.0	10.0	
41 Ethyl acetate	88		9.500				ND	ND	
40 2-Butanone (MEK)	72	9.500	9.500	0.000	93	5063	0.2004	0.2726	
39 cis-1,2-Dichloroethene	96	9.500	9.505	-0.005	46	6977	0.2004	0.1852	M
43 Tetrahydrofuran	42	9.900	9.874	0.026	32	8850	0.2004	0.2100	
45 Chloroform	83	9.943	9.948	-0.005	90	15188	0.2004	0.1881	
S 42 1,2-Dichloroethene, Total	61				0		0.4009	0.3853	
47 1,1,1-Trichloroethane	97	10.189	10.194	-0.005	96	17776	0.2004	0.1879	M
46 Cyclohexane	84	10.189	10.199	-0.010	72	10707	0.2004	0.2093	M
48 Carbon tetrachloride	117	10.407	10.402	0.005	90	20062	0.2004	0.1841	
49 Isooctane	57	10.664	10.674	-0.010	85	30743	0.2004	0.1753	
50 Benzene	78	10.744	10.738	0.006	94	22794	0.2004	0.2069	M
51 1,2-Dichloroethane	62	10.840	10.850	-0.010	65	11043	0.2004	0.1838	
52 n-Heptane	43	10.925	10.925	0.000	94	14572	0.2004	0.2024	M
A 53 GRO	1	10.978	(4.884-17.072)		0	5382188	0.2004	0	M
* 54 1,4-Difluorobenzene	114	11.277	11.283	-0.005	95	1826389	10.0	10.0	
56 n-Butanol	56	11.453	11.459	-0.006	67	7713	0.2004	0.3616	
57 Trichloroethene	95	11.646	11.640	0.006	86	9017	0.2004	0.1648	M
58 1,2-Dichloropropane	63	12.024	12.024	0.000	55	7129	0.2004	0.1775	M
59 Methyl methacrylate	69	12.051	12.056	-0.005	78	7352	0.2004	0.1714	
60 1,4-Dioxane	88	12.153	12.147	0.006	49	7234	0.2004	0.4129	
61 Dibromomethane	174	12.206	12.211	-0.005	83	8172	0.2004	0.1465	M
62 Dichlorobromomethane	83	12.387	12.382	0.005	52	16464	0.2004	0.1695	M
A 63 TVOC as Toluene	1	12.627	(3.150-22.105)		0	9161108	0.2004	96.7	M
64 cis-1,3-Dichloropropene	75	13.012	13.012	0.000	91	11631	0.2004	0.1725	M
65 4-Methyl-2-pentanone (MIBK	43	13.161	13.161	0.000	93	19922	0.2004	0.1882	
A 66 C8 Range	1	13.391	(13.351-13.431)		0	54738	NC	NC	
67 n-Octane	43	13.391	13.401	-0.010	93	21367	0.2004	0.2062	
68 Toluene	92	13.417	13.433	-0.016	76	16043	0.2004	0.1873	M
A 69 Toluene Range	1	13.448	(13.423-13.473)		0	129075	NC	NC	
70 trans-1,3-Dichloropropene	75	13.802	13.807	-0.005	95	11322	0.2004	0.1545	
71 1,1,2-Trichloroethane	83	14.069	14.079	-0.011	47	6977	0.2004	0.1730	M
72 Tetrachloroethene	166	14.191	14.196	-0.005	86	13713	0.2004	0.1599	M
73 2-Hexanone	43	14.330	14.335	-0.005	95	20019	0.2004	0.1928	M
74 Chlorodibromomethane	129	14.618	14.623	-0.005	93	19649	0.2004	0.1781	
75 Ethylene Dibromide	107	14.826	14.826	0.000	96	15301	0.2004	0.1810	M
* 76 Chlorobenzene-d5	117	15.371	15.376	-0.005	88	1650921	10.0	10.0	
77 Chlorobenzene	112	15.413	15.413	0.000	90	22027	0.2004	0.1789	
78 n-Nonane	57	15.477	15.477	0.000	73	16846	0.2004	0.1865	
79 Ethylbenzene	91	15.472	15.477	-0.005	95	39766	0.2004	0.1919	M
80 m-Xylene & p-Xylene	106	15.616	15.621	-0.005	0	27600	0.4009	0.3488	
S 81 Xylenes, Total	106				0		0.6013	0.5111	
82 o-Xylene	106	16.123	16.128	-0.005	91	12548	0.2004	0.1623	
83 Styrene	104	16.155	16.155	0.000	93	20059	0.2004	0.1587	
84 Bromoform	173	16.443	16.449	-0.006	92	21521	0.2004	0.1746	M
85 Isopropylbenzene	105	16.529	16.534	-0.005	99	37311	0.2004	0.1556	
$ 86 4-Bromofluorobenzene	95	16.796	16.801	-0.005	91	1252844	NC	NC	
87 1,1,2,2-Tetrachloroethane	83	16.945	16.950	-0.005	93	18328	0.2004	0.1647	
88 N-Propylbenzene	91	17.009	17.009	0.000	99	51881	0.2004	0.1810	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	17.030	17.036	-0.006	90	16481	0.2004	0.1769	
90 n-Decane	57	17.057	17.062	-0.005	91	21365	0.2004	0.1818	
91 4-Ethyltoluene	105	17.127	17.132	-0.005	97	41133	0.2004	0.1696	
92 2-Chlorotoluene	91	17.180	17.180	0.000	95	31680	0.2004	0.1595	
93 1,3,5-Trimethylbenzene	105	17.196	17.201	-0.005	89	39879	0.2004	0.1868	
94 Alpha Methyl Styrene	118	17.484	17.479	0.005	87	17899	0.2004	0.1749	
95 tert-Butylbenzene	119	17.580	17.580	0.000	91	36355	0.2004	0.1799	
96 1,2,4-Trimethylbenzene	105	17.650	17.655	-0.005	96	35543	0.2004	0.1673	
97 sec-Butylbenzene	105	17.836	17.842	-0.006	96	49079	0.2004	0.1679	
98 4-Isopropyltoluene	119	17.996	17.996	0.000	96	45083	0.2004	0.1739	
99 1,3-Dichlorobenzene	146	18.077	18.076	0.001	92	22876	0.2004	0.1569	
100 1,4-Dichlorobenzene	146	18.189	18.194	-0.005	93	26374	0.2004	0.1796	
101 Benzyl chloride	91	18.349	18.354	-0.005	97	32910	0.2004	0.1703	
102 Undecane	57	18.461	18.461	0.000	92	21462	0.2004	0.1596	
103 n-Butylbenzene	91	18.503	18.509	-0.006	97	42459	0.2004	0.1827	
104 1,2-Dichlorobenzene	146	18.685	18.690	-0.005	95	26086	0.2004	0.1879	
106 Dodecane	57	19.944	19.944	0.000	89	19226	0.2004	0.1452	
107 1,2,4-Trichlorobenzene	180	21.113	21.108	0.005	93	21738	0.2004	0.1768	
108 Hexachlorobutadiene	225	21.263	21.268	-0.005	82	19465	0.2004	0.1810	
109 Naphthalene	128	21.615	21.615	0.000	97	38155	0.2004	0.1450	
110 1,2,3-Trichlorobenzene	180	22.085	22.095	-0.010	92	20732	0.2004	0.1826	M

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL1w_00126	Amount Added: 200.00	Units: mL	
ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

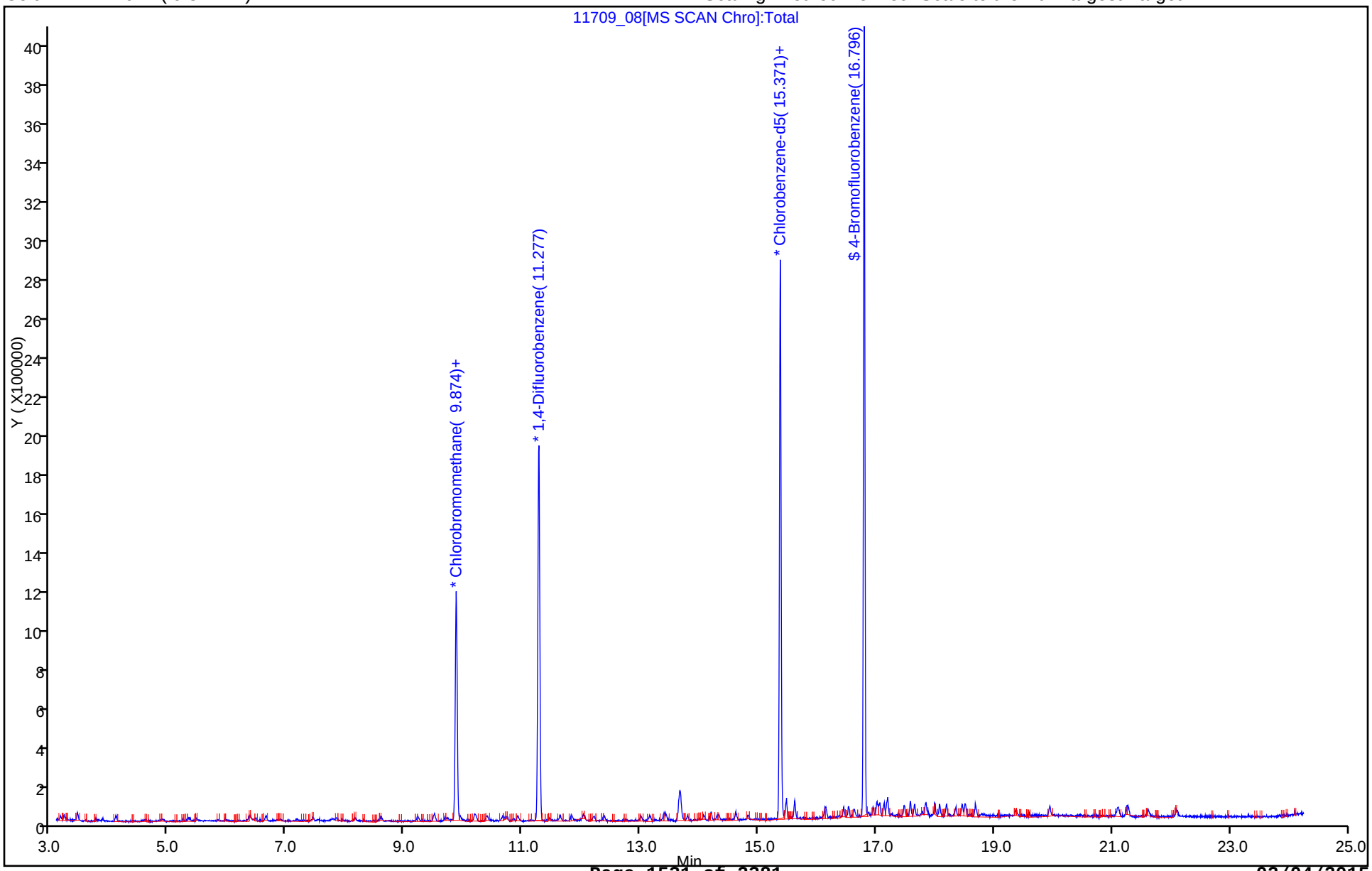
Report Date: 21-Jan-2015 10:34:18 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D

Injection Date:	20-Jan-2015 18:16:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	ic			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

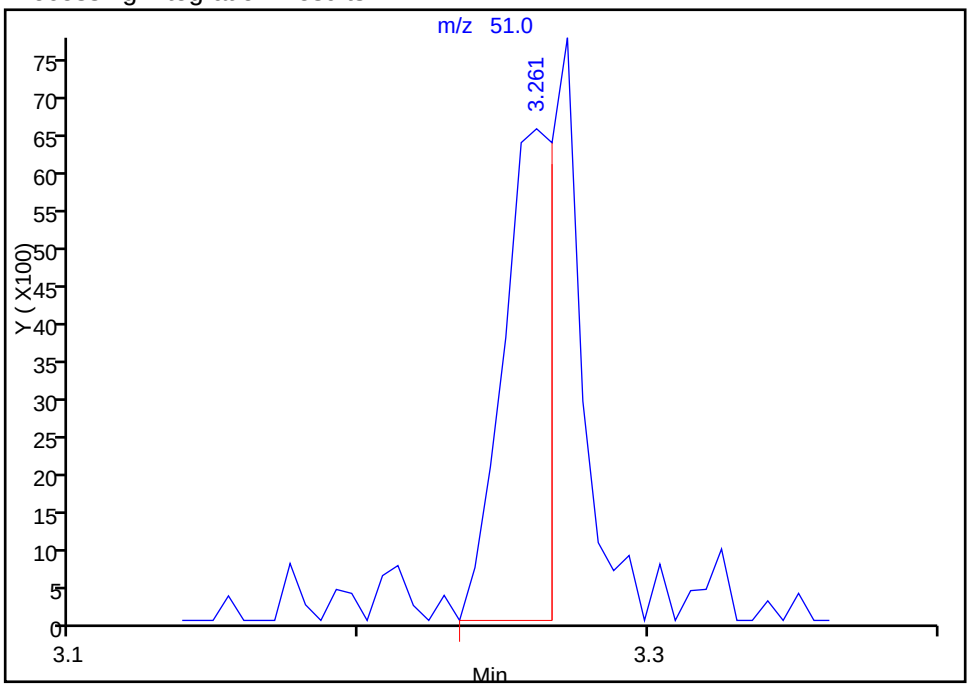
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6

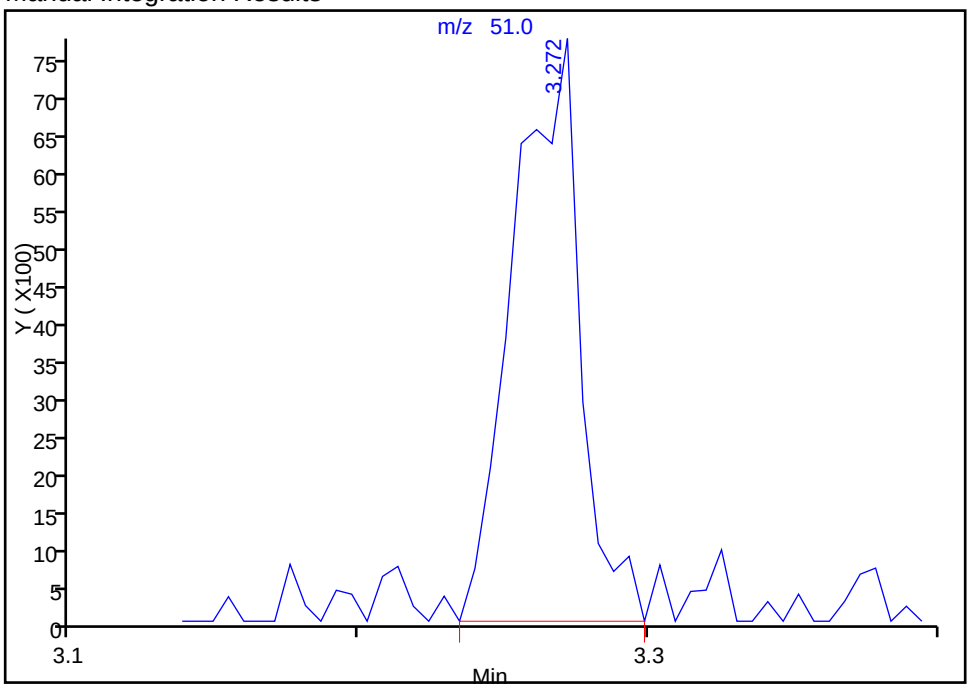
Processing Integration Results

RT: 3.26
Area: 8267
Amount: 0.127614
Amount Units: ppb v/v



Manual Integration Results

RT: 3.27
Area: 12510
Amount: 0.193111
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

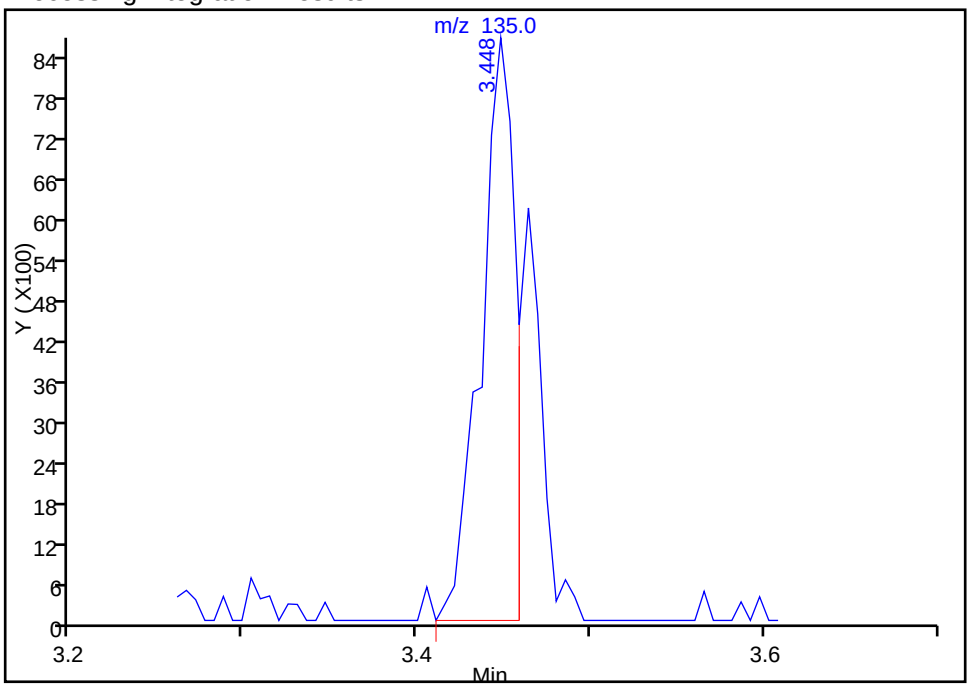
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

7 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2

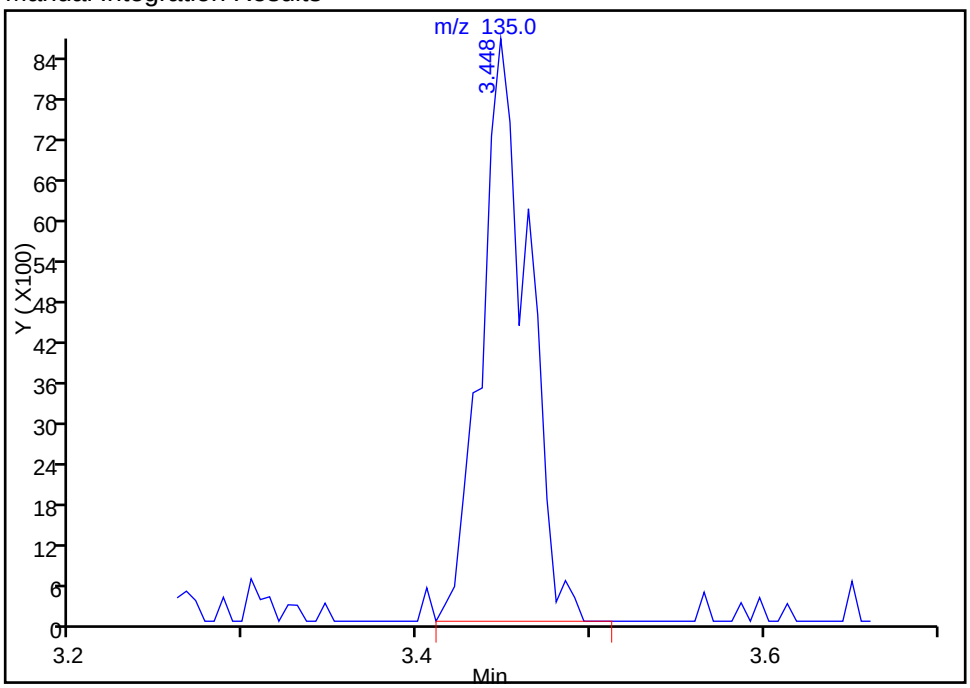
Processing Integration Results

RT: 3.45
Area: 11896
Amount: 0.201128
Amount Units: ppb v/v



Manual Integration Results

RT: 3.45
Area: 16288
Amount: 0.201128
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:33:09
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

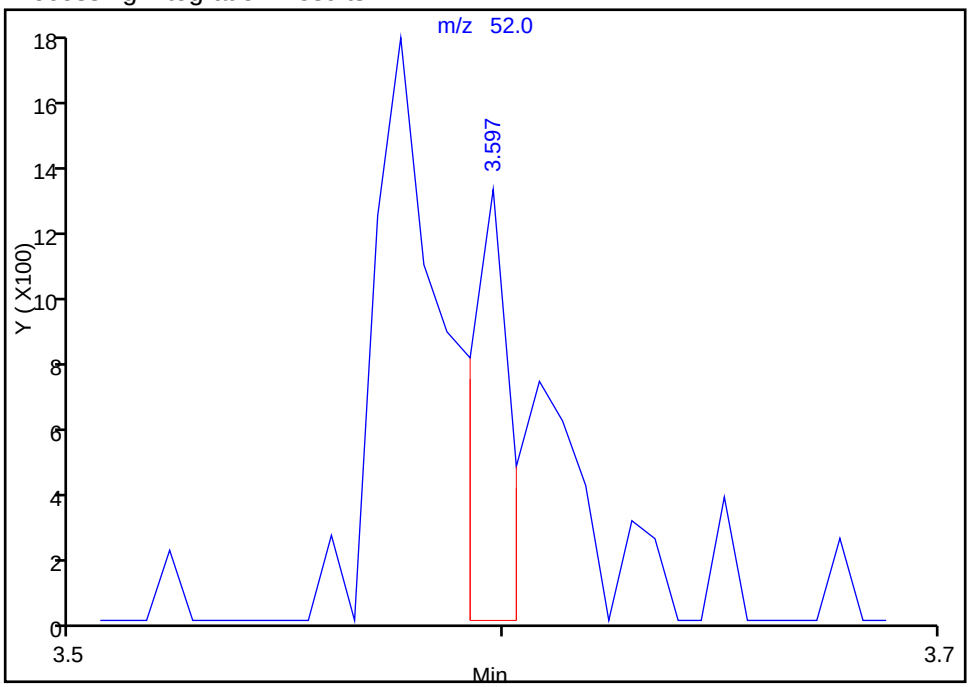
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

8 Chloromethane, CAS: 74-87-3

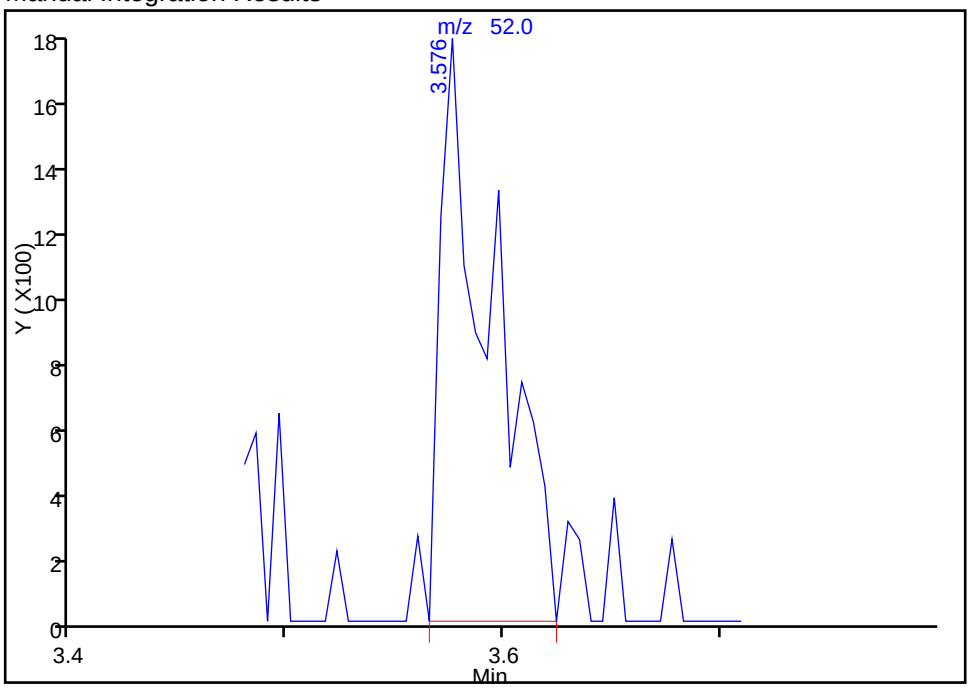
Processing Integration Results

RT: 3.60
Area: 800
Amount: 0.237411
Amount Units: ppb v/v



Manual Integration Results

RT: 3.58
Area: 2882
Amount: 0.237411
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:33:09
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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

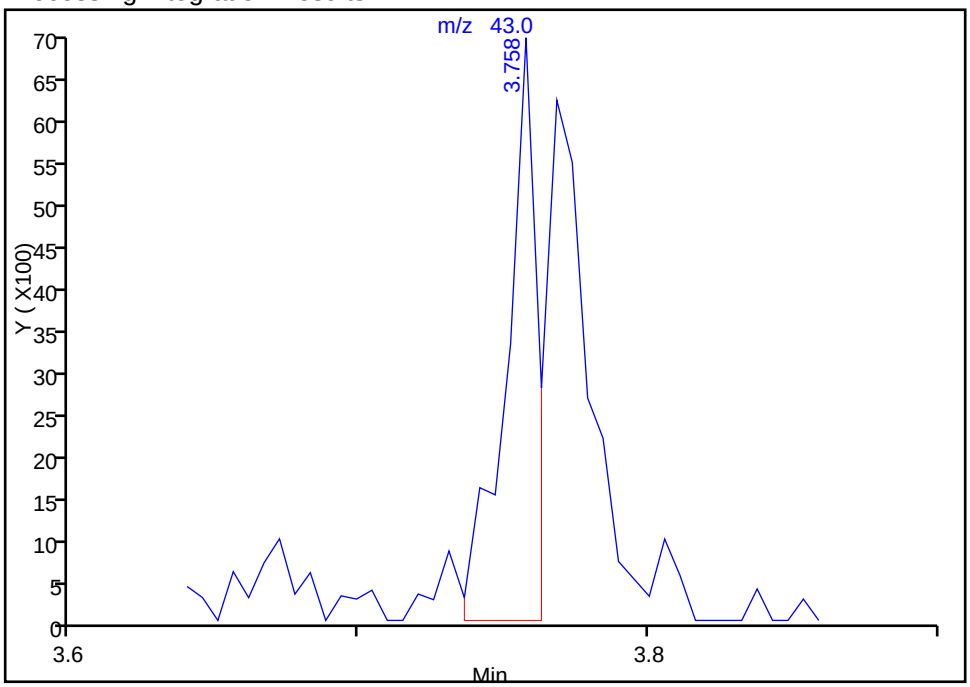
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

9 Butane, CAS: 106-97-8

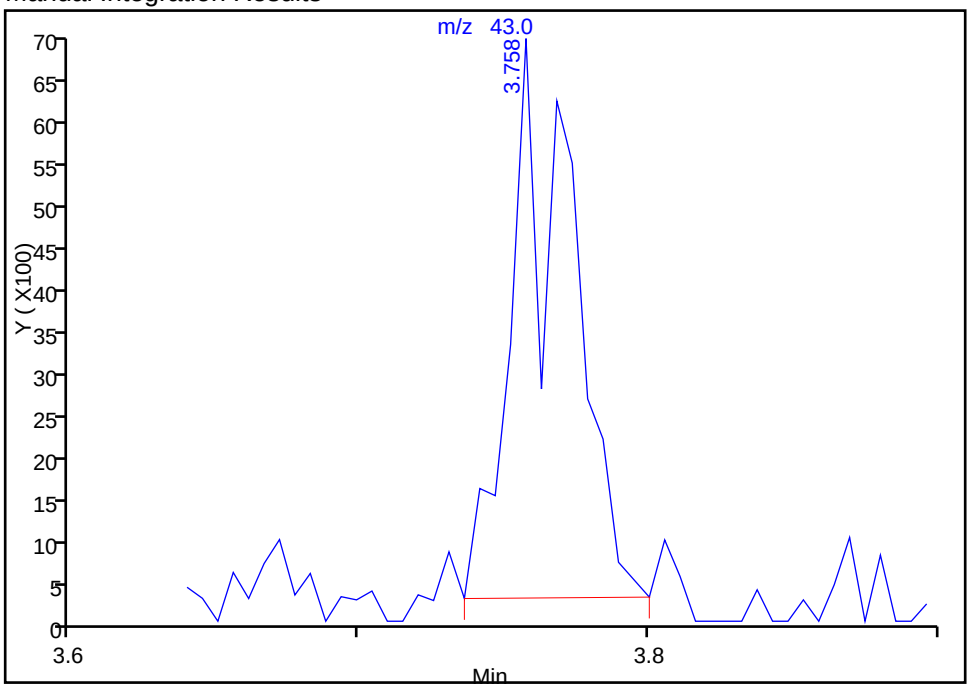
Processing Integration Results

RT: 3.76
Area: 5230
Amount: 0.098037
Amount Units: ppb v/v



Manual Integration Results

RT: 3.76
Area: 9808
Amount: 0.183851
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

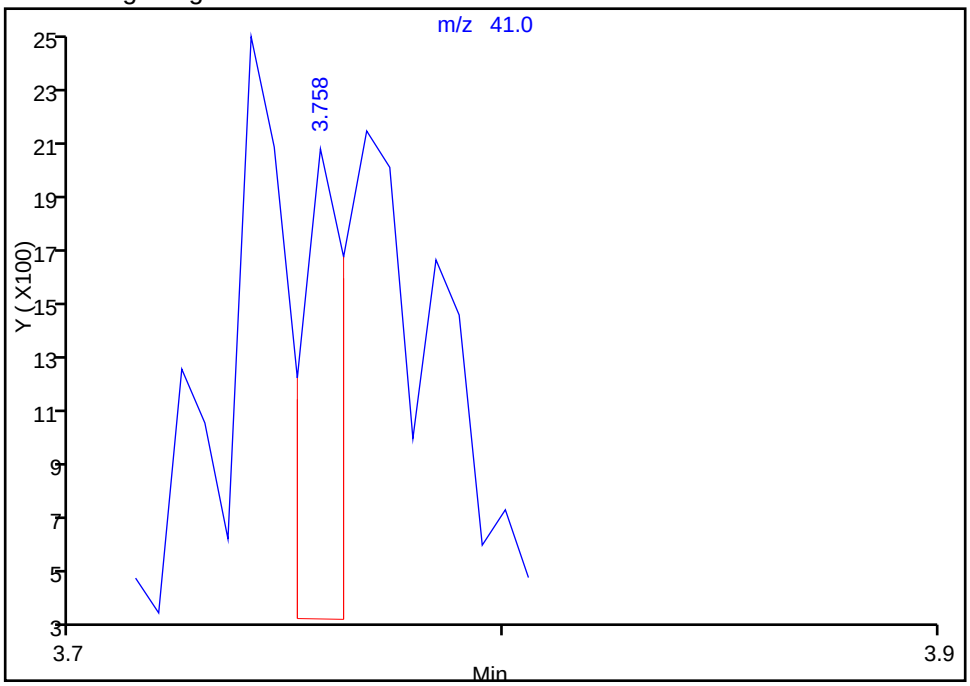
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

9 Butane, CAS: 106-97-8

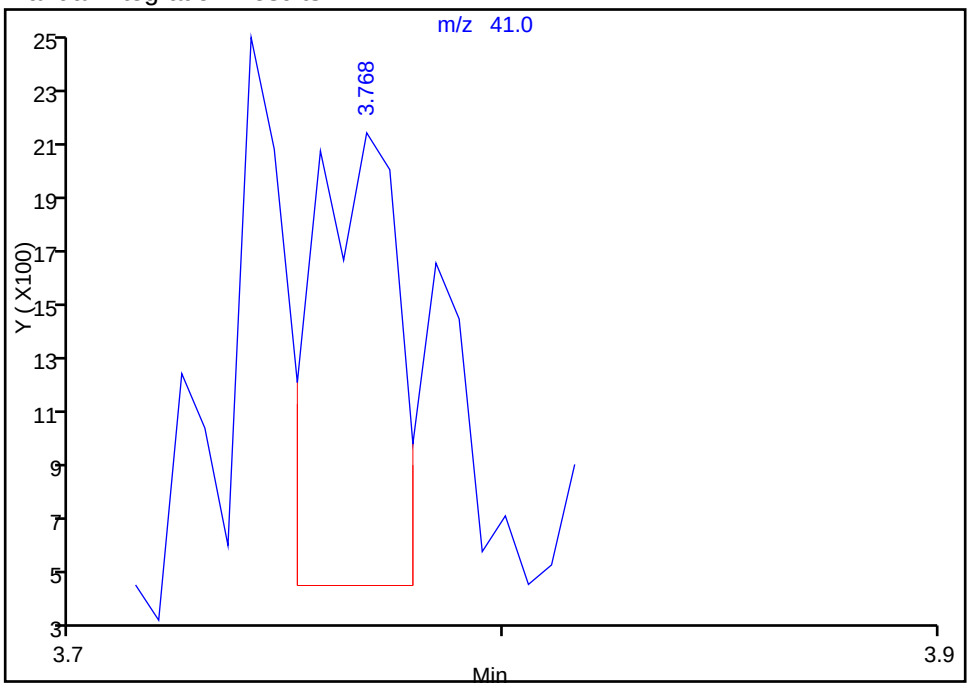
Processing Integration Results

RT: 3.76
Area: 1284
Amount: 0.098037
Amount Units: ppb v/v



Manual Integration Results

RT: 3.77
Area: 2332
Amount: 0.183851
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:33:09
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

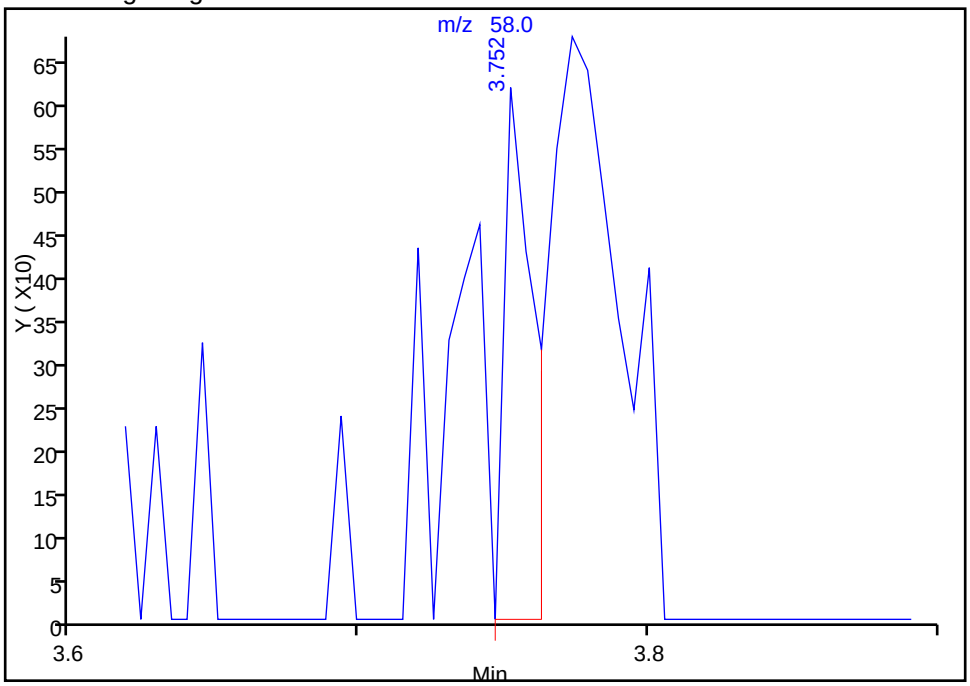
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

9 Butane, CAS: 106-97-8

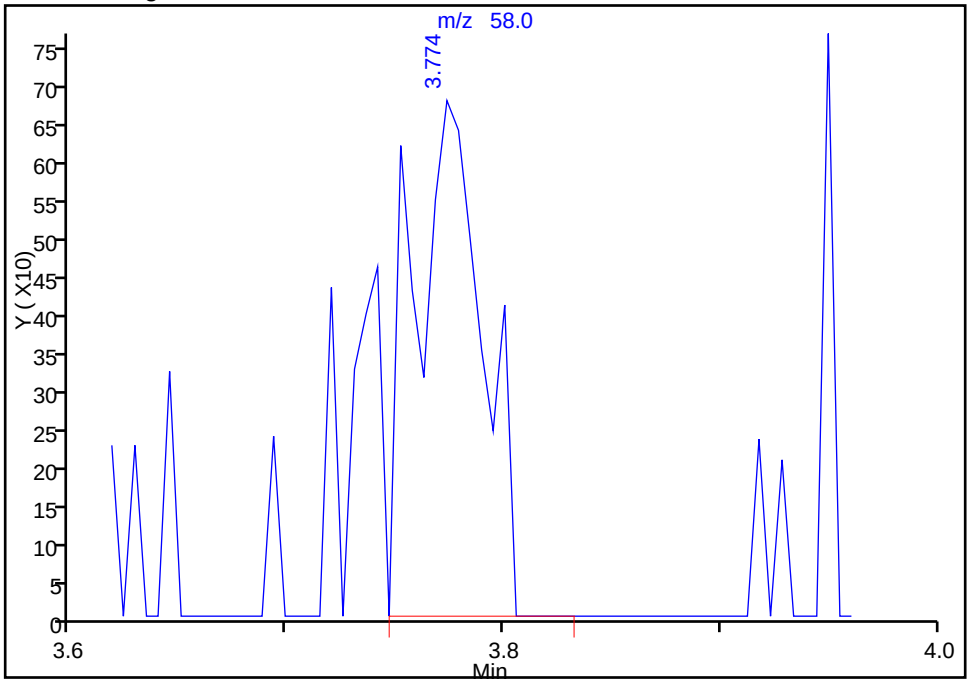
Processing Integration Results

RT: 3.75
Area: 435
Amount: 0.098037
Amount Units: ppb v/v



Manual Integration Results

RT: 3.77
Area: 1509
Amount: 0.183851
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:33:09
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Manual Integration/User Assign Peak Report

TestAmerica Burlington

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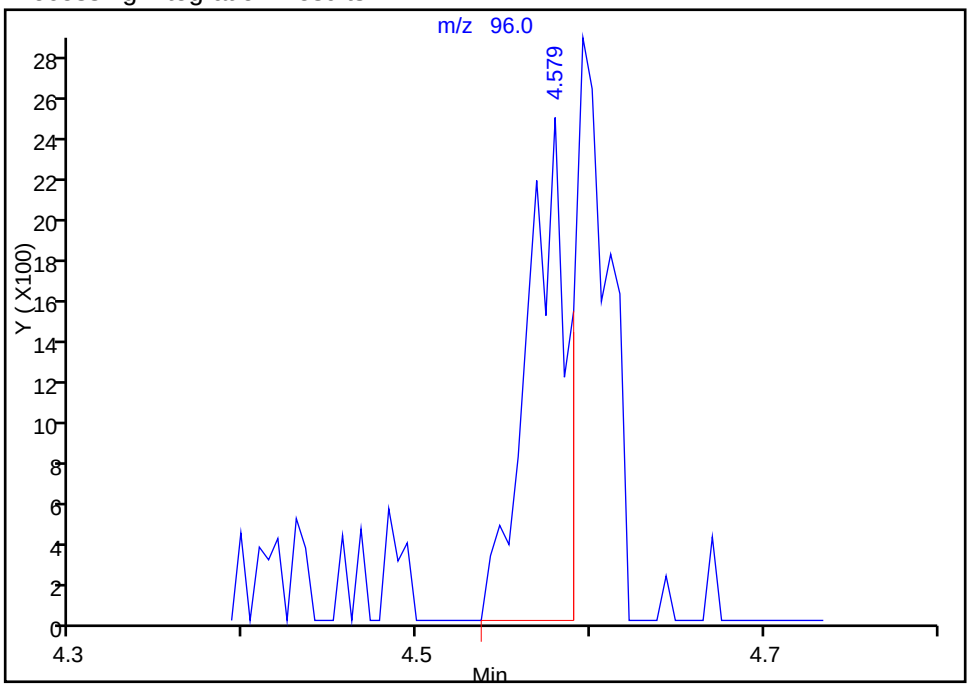
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

12 Bromomethane, CAS: 74-83-9

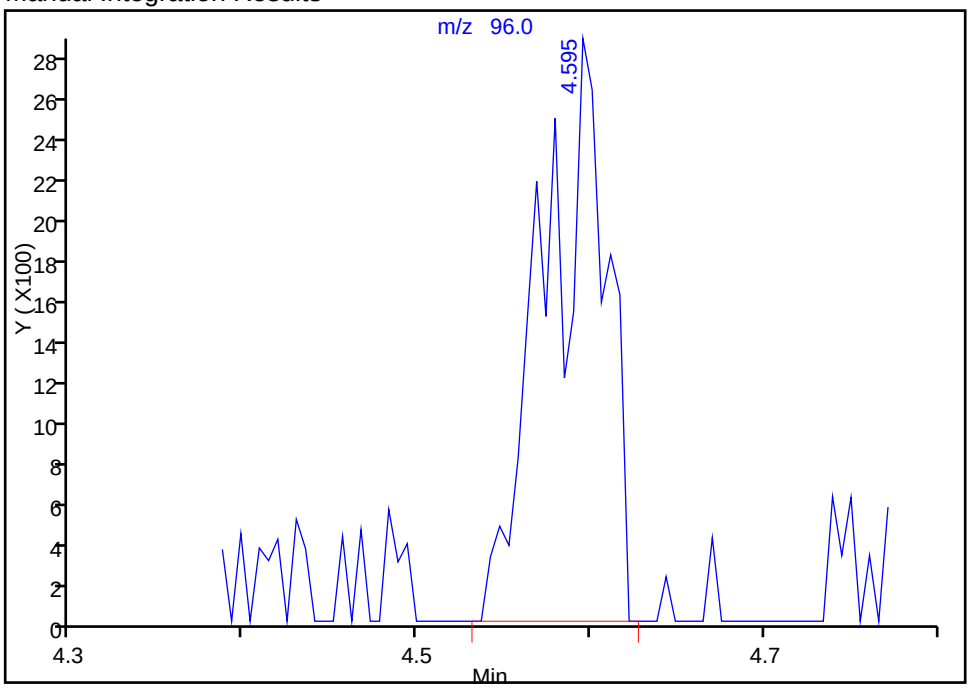
Processing Integration Results

RT: 4.58
Area: 3982
Amount: 0.207813
Amount Units: ppb v/v



Manual Integration Results

RT: 4.60
Area: 7364
Amount: 0.207813
Amount Units: ppb v/v



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TestAmerica Burlington

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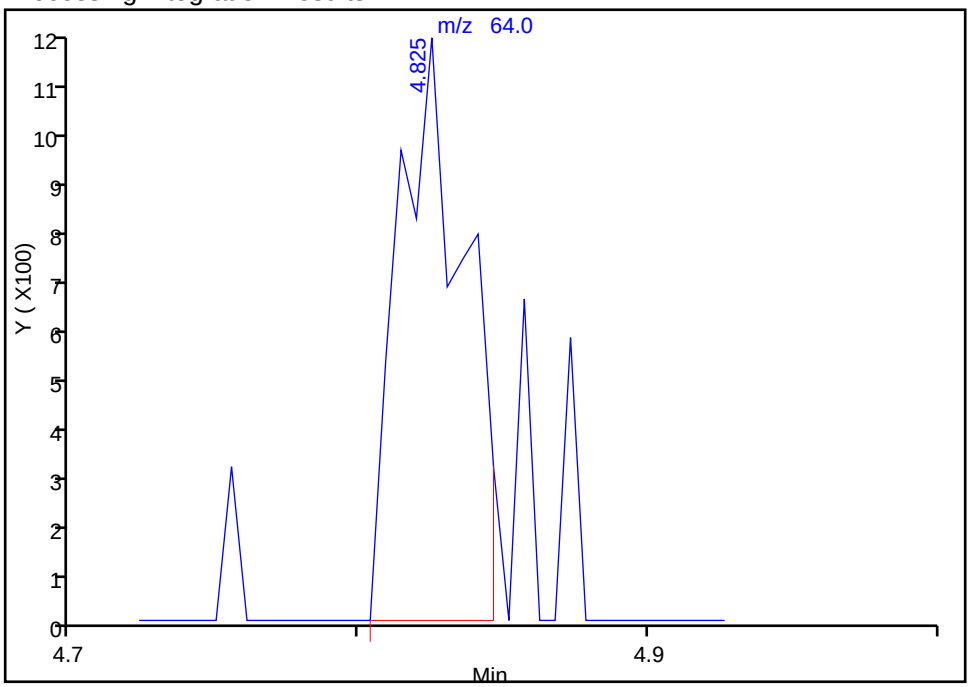
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

14 Chloroethane, CAS: 75-00-3

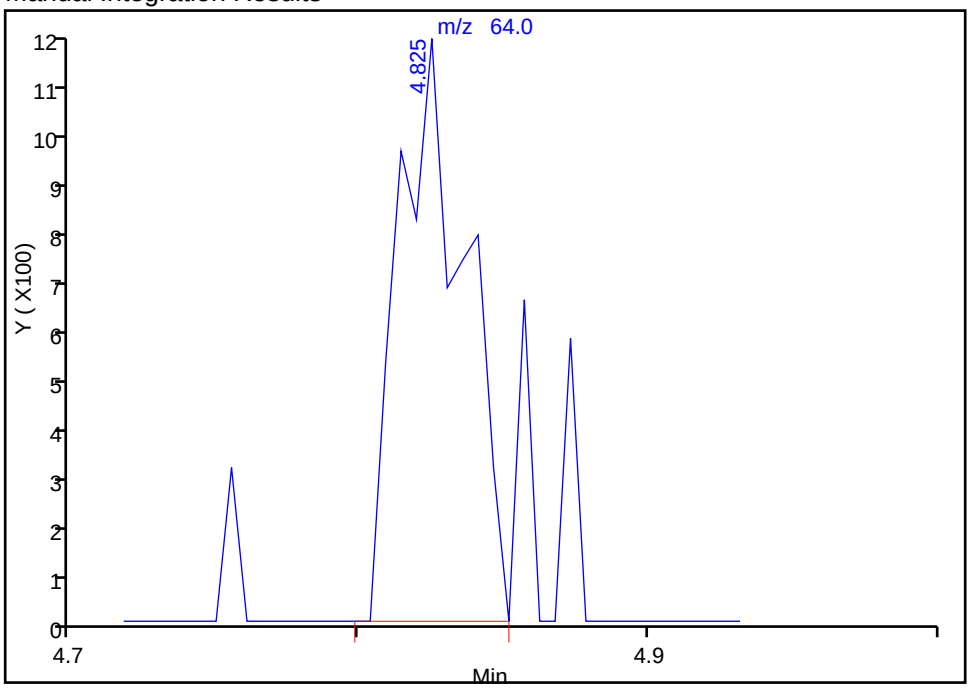
Processing Integration Results

RT: 4.82
Area: 1880
Amount: 0.113136
Amount Units: ppb v/v



Manual Integration Results

RT: 4.82
Area: 1880
Amount: 0.113136
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
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Manual Integration/User Assign Peak Report

TestAmerica Burlington

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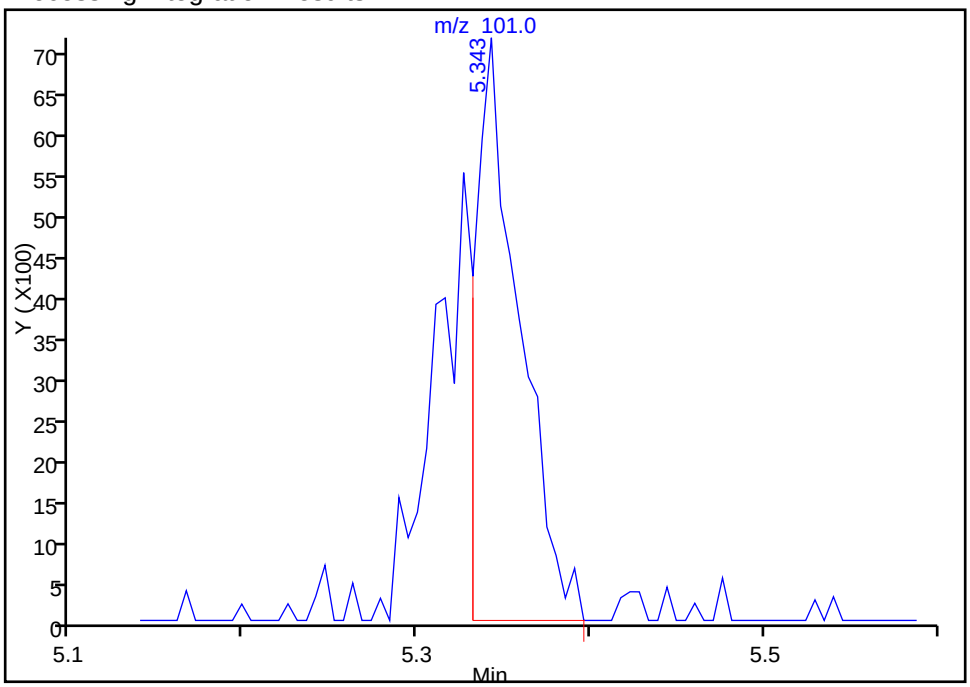
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4

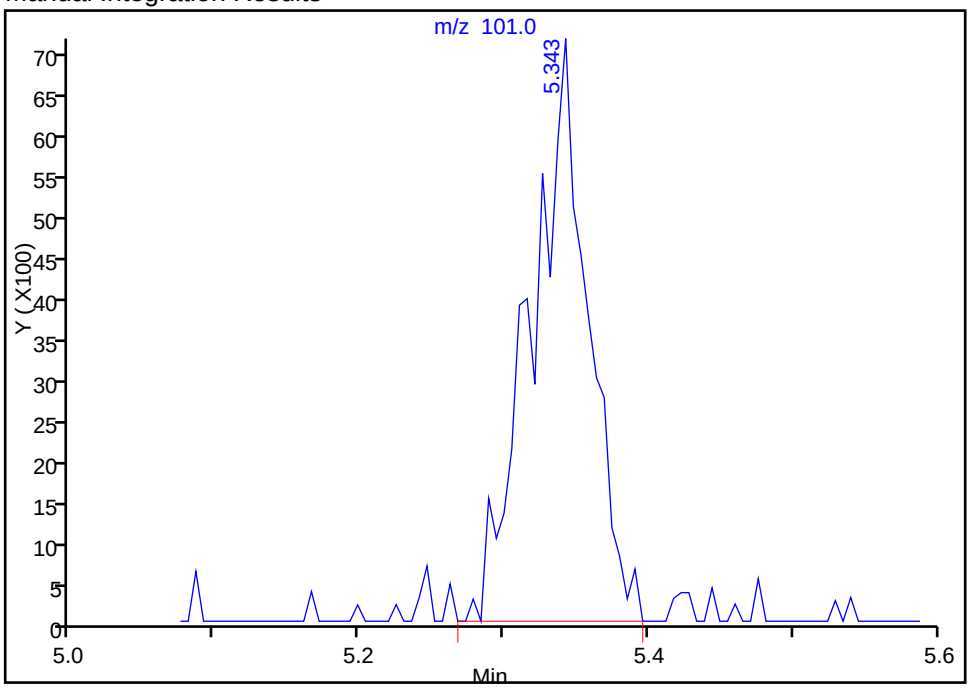
Processing Integration Results

RT: 5.34
Area: 12547
Amount: 0.116429
Amount Units: ppb v/v



Manual Integration Results

RT: 5.34
Area: 19753
Amount: 0.174958
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
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Manual Integration/User Assign Peak Report

TestAmerica Burlington

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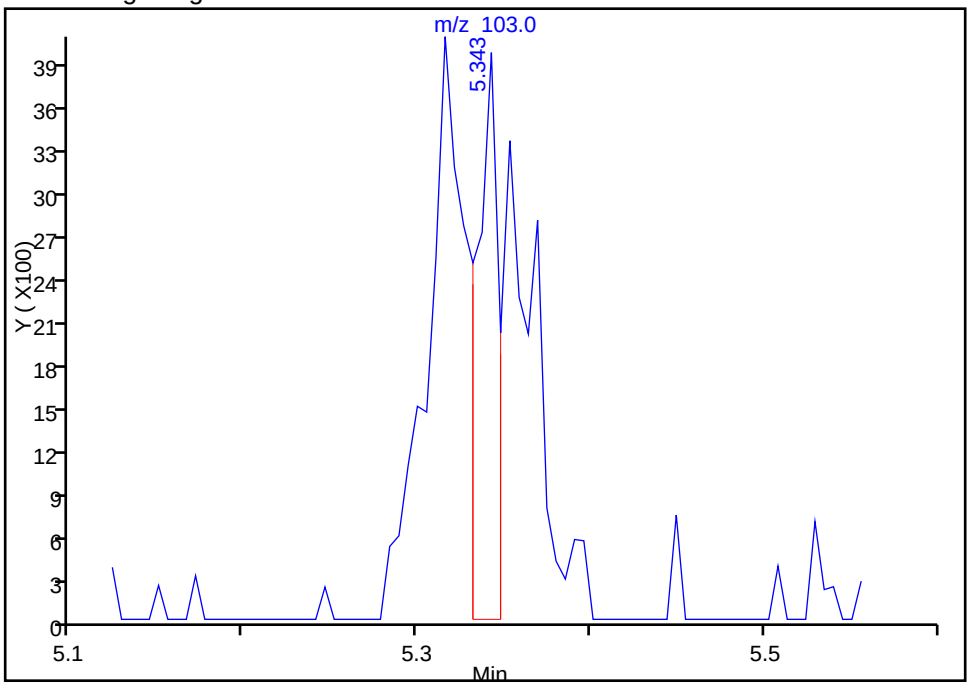
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4

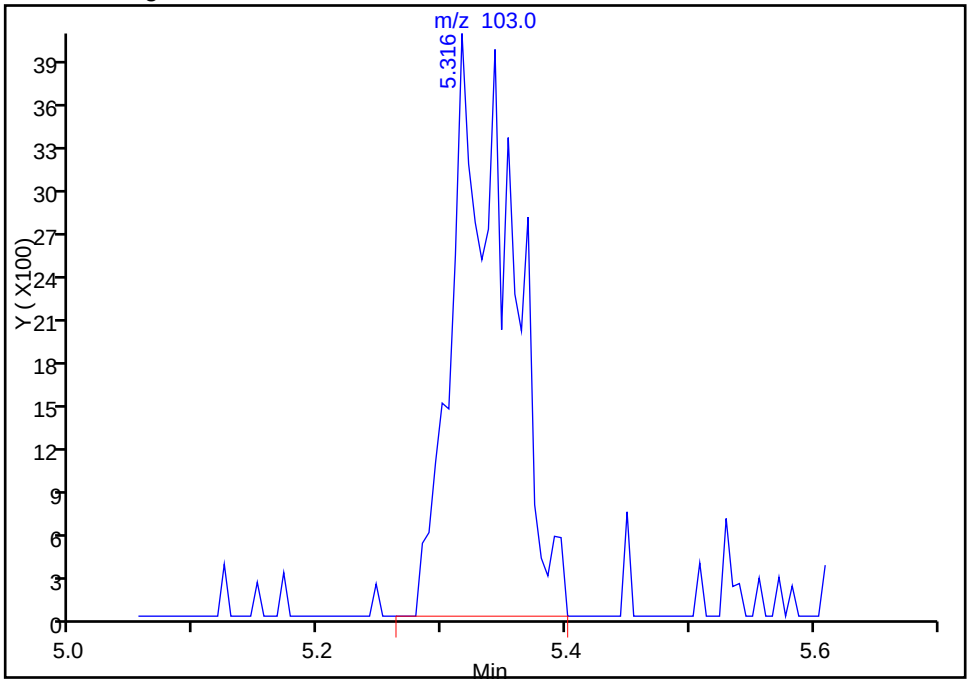
Processing Integration Results

RT: 5.34
Area: 3525
Amount: 0.116429
Amount Units: ppb v/v



Manual Integration Results

RT: 5.32
Area: 13190
Amount: 0.174958
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

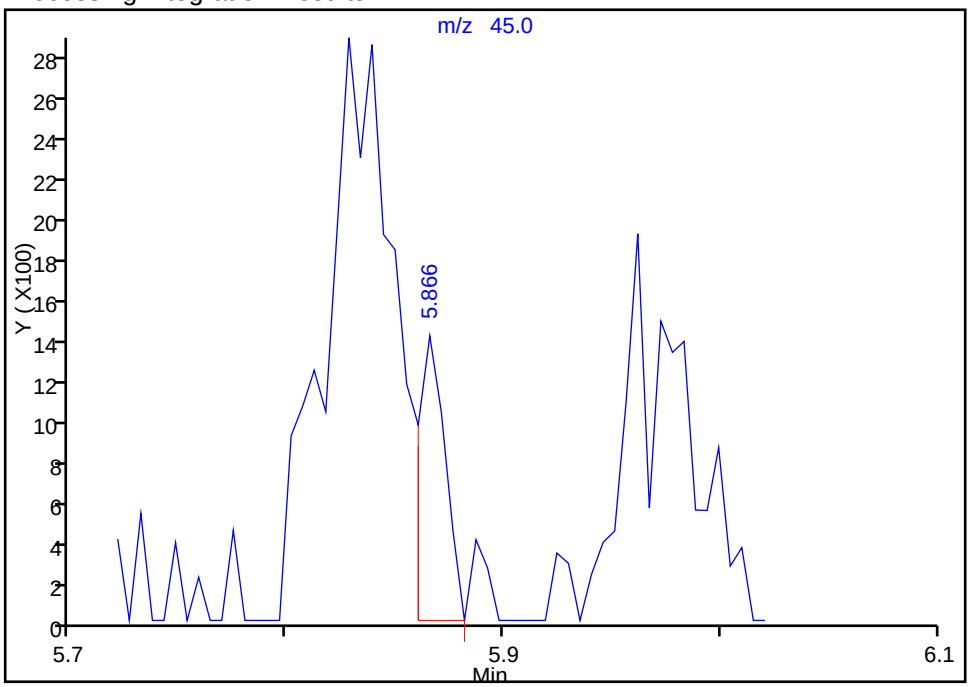
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

19 Ethanol, CAS: 64-17-5

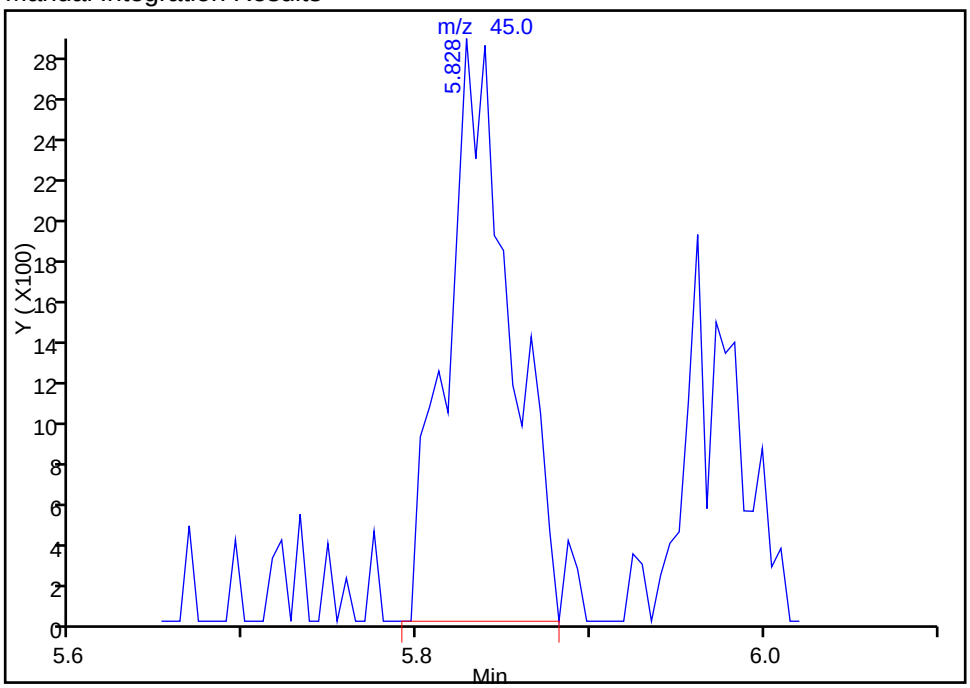
Processing Integration Results

RT: 5.87
Area: 1202
Amount: 0.092461
Amount Units: ppb v/v



Manual Integration Results

RT: 5.83
Area: 7169
Amount: 0.551457
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

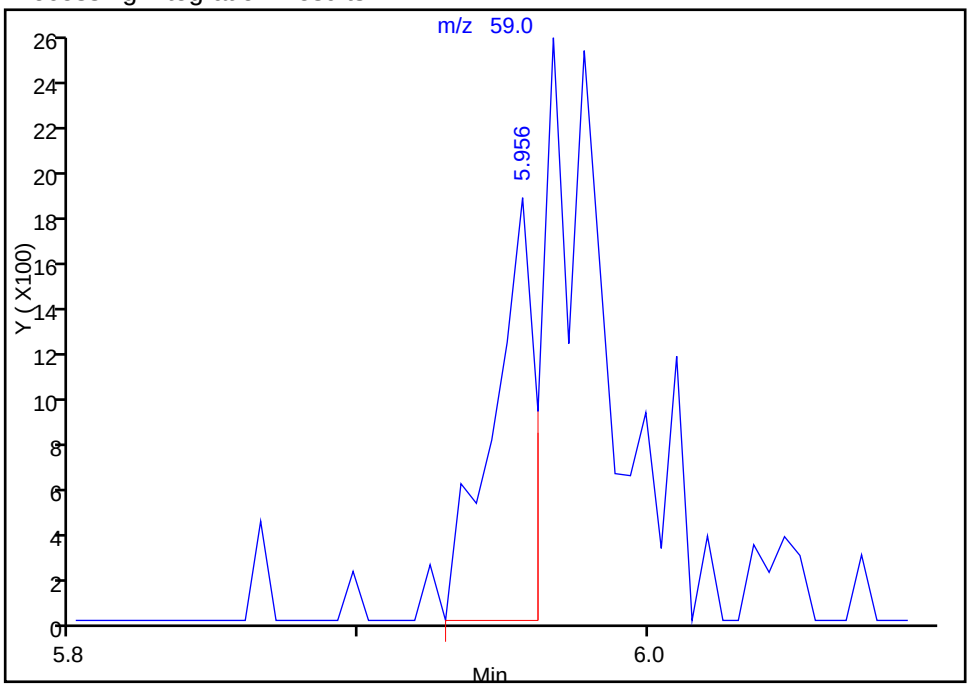
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

21 Ethyl ether, CAS: 60-29-7

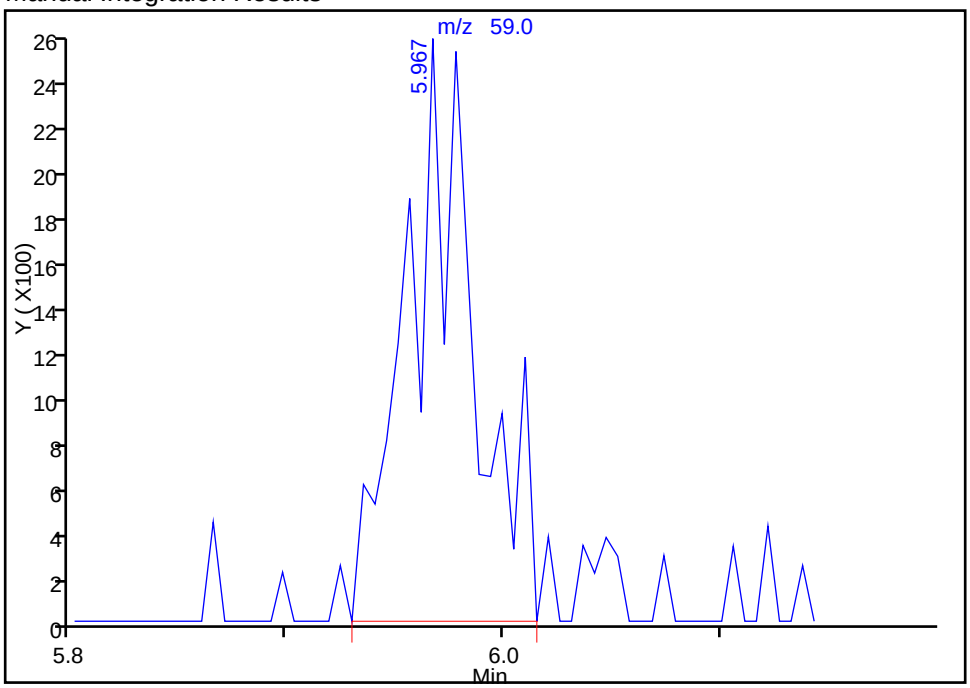
Processing Integration Results

RT: 5.96
Area: 1870
Amount: 0.091657
Amount Units: ppb v/v



Manual Integration Results

RT: 5.97
Area: 5519
Amount: 0.236390
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
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Manual Integration/User Assign Peak Report

TestAmerica Burlington

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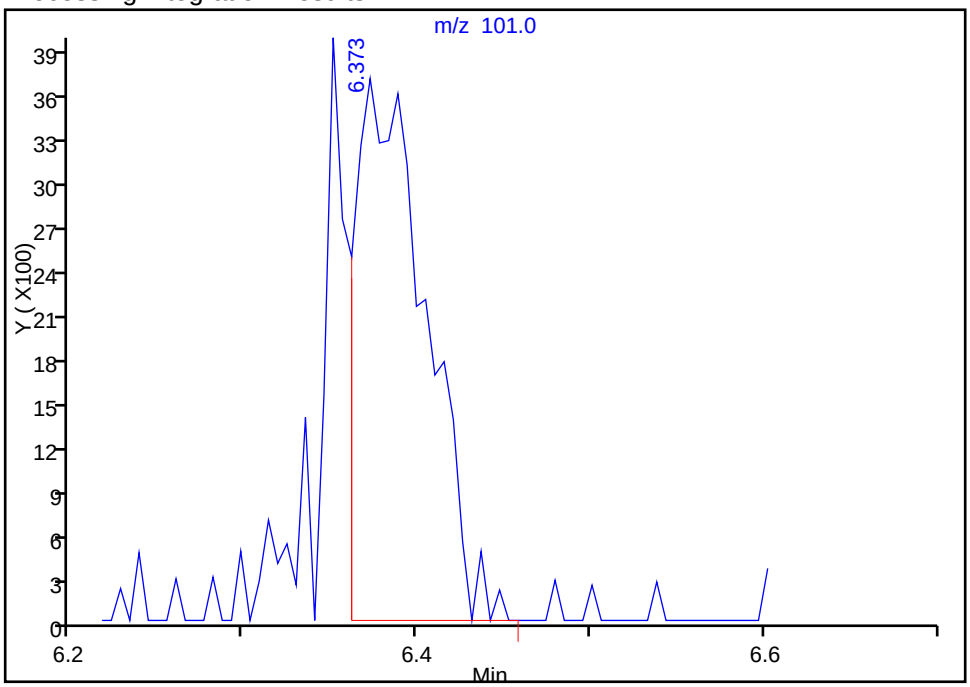
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

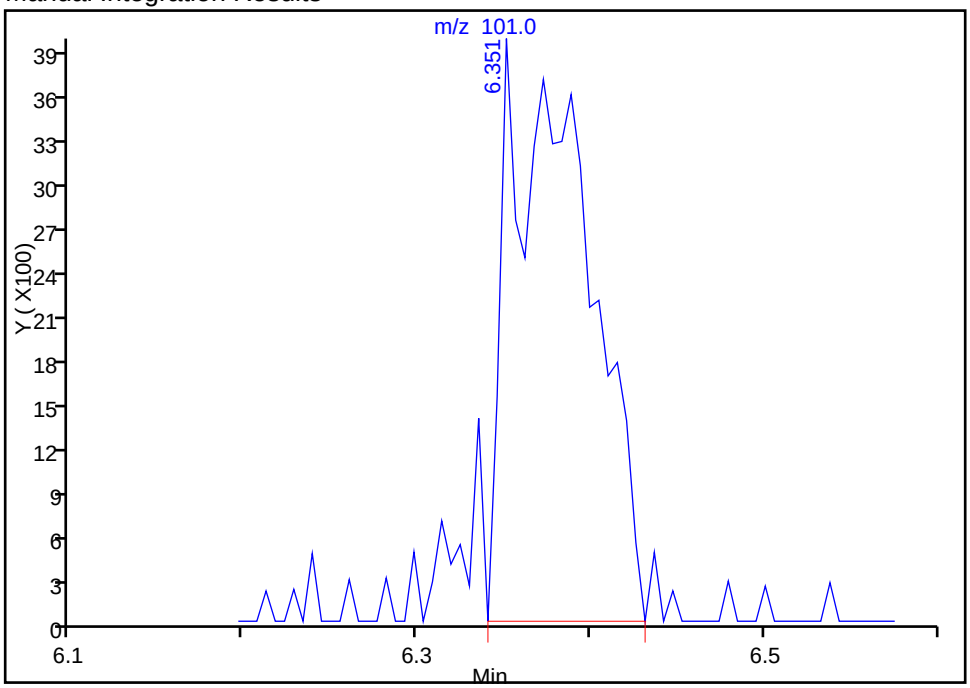
Processing Integration Results

RT: 6.37
Area: 10453
Amount: 0.146196
Amount Units: ppb v/v



Manual Integration Results

RT: 6.35
Area: 12851
Amount: 0.175539
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
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Audit Reason: Baseline Event

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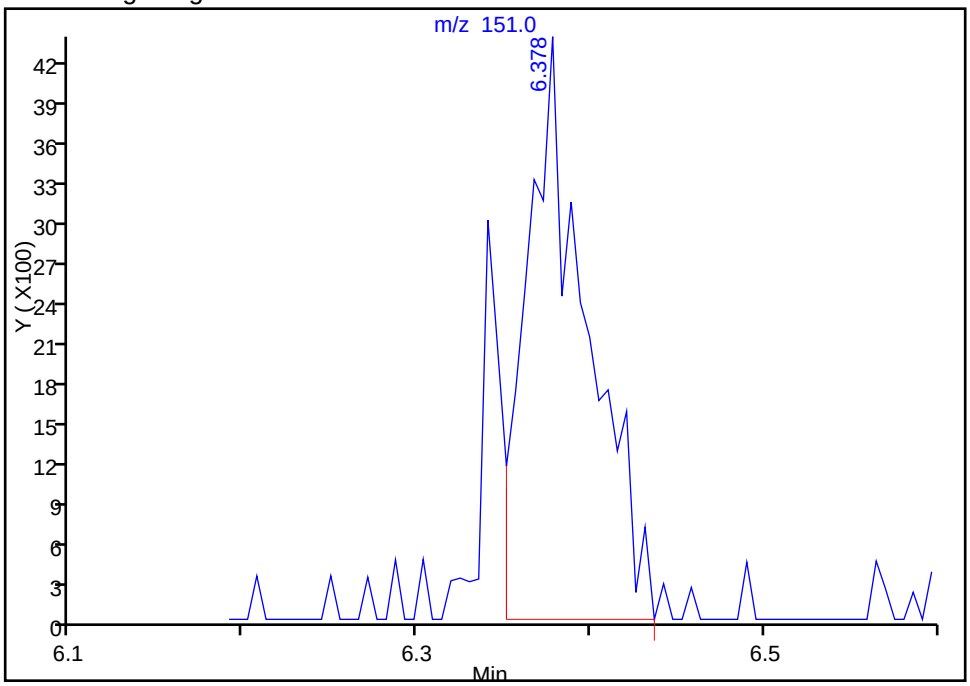
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

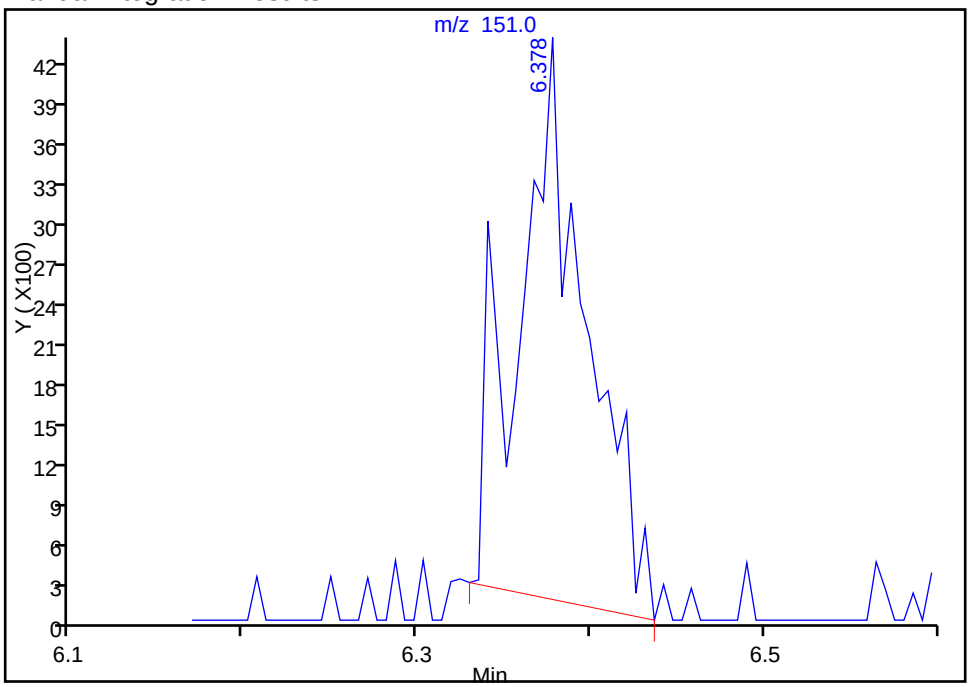
Processing Integration Results

RT: 6.38
Area: 10533
Amount: 0.146196
Amount Units: ppb v/v



Manual Integration Results

RT: 6.38
Area: 11386
Amount: 0.175539
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

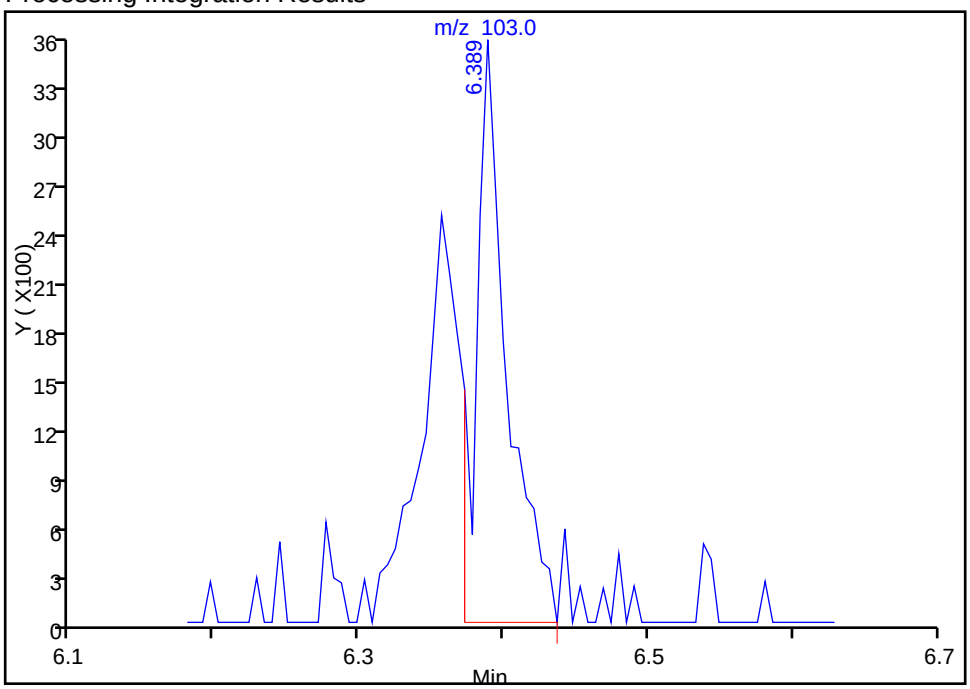
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

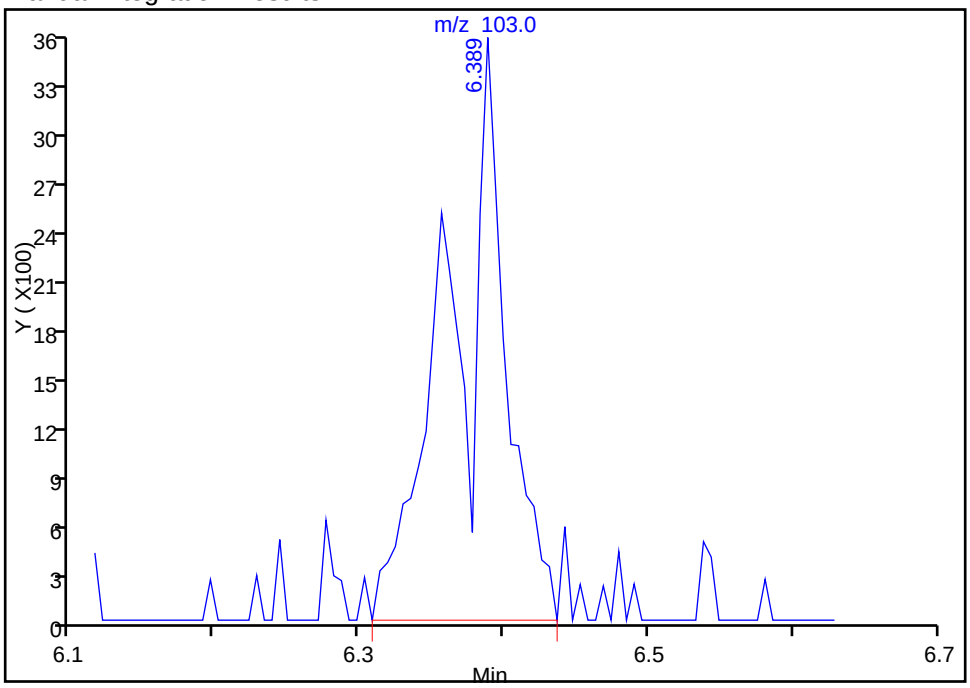
Processing Integration Results

RT: 6.39
Area: 5366
Amount: 0.146196
Amount Units: ppb v/v



Manual Integration Results

RT: 6.39
Area: 9508
Amount: 0.175539
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

TestAmerica Burlington

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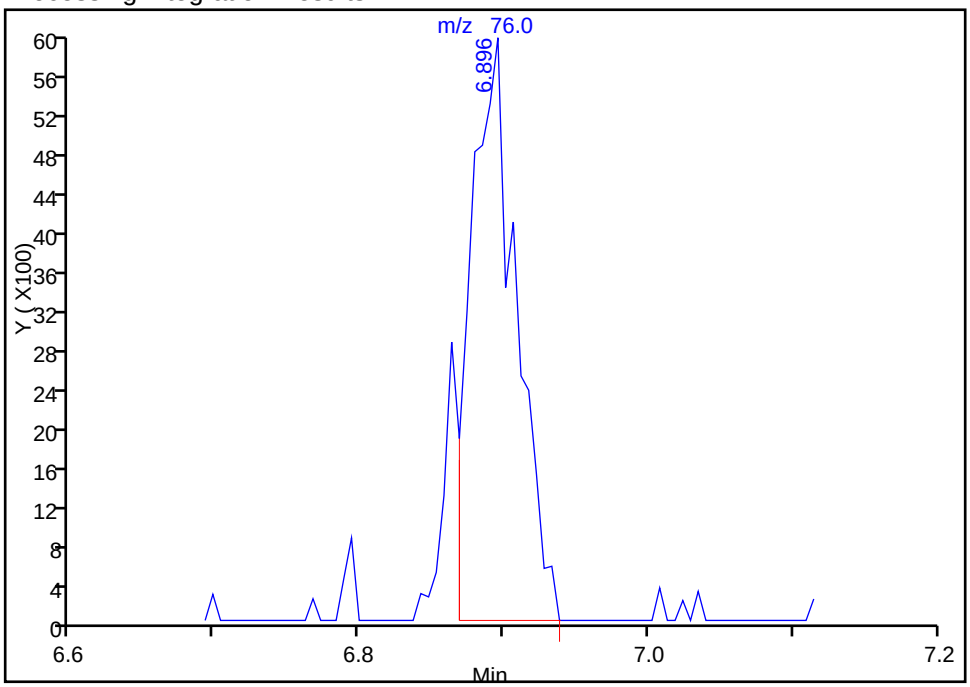
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

27 Carbon disulfide, CAS: 75-15-0

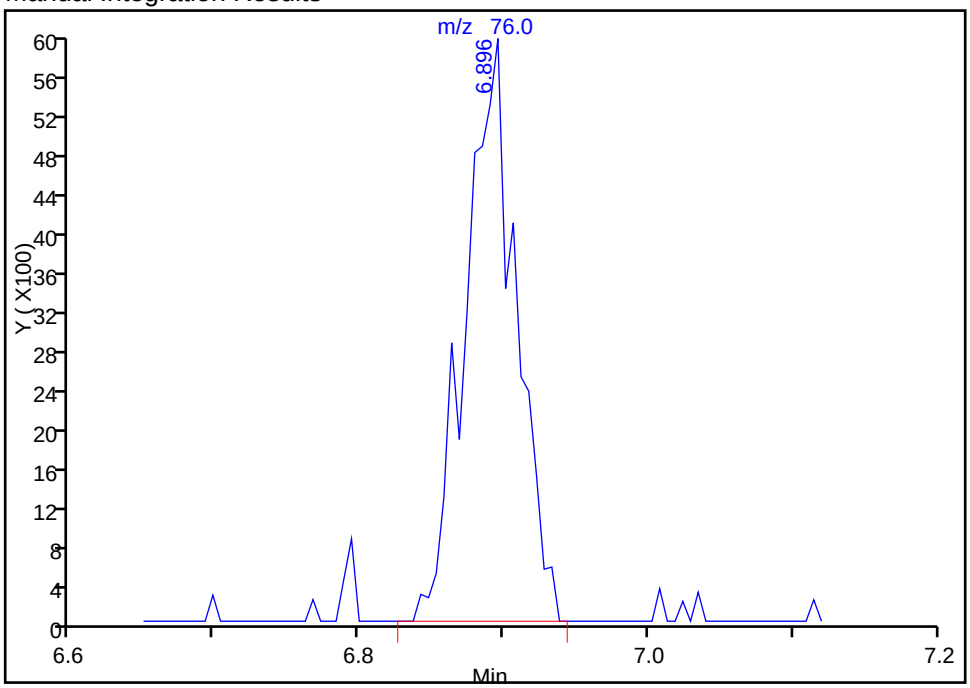
Processing Integration Results

RT: 6.90
Area: 13055
Amount: 0.158453
Amount Units: ppb v/v



Manual Integration Results

RT: 6.90
Area: 14693
Amount: 0.178334
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

TestAmerica Burlington

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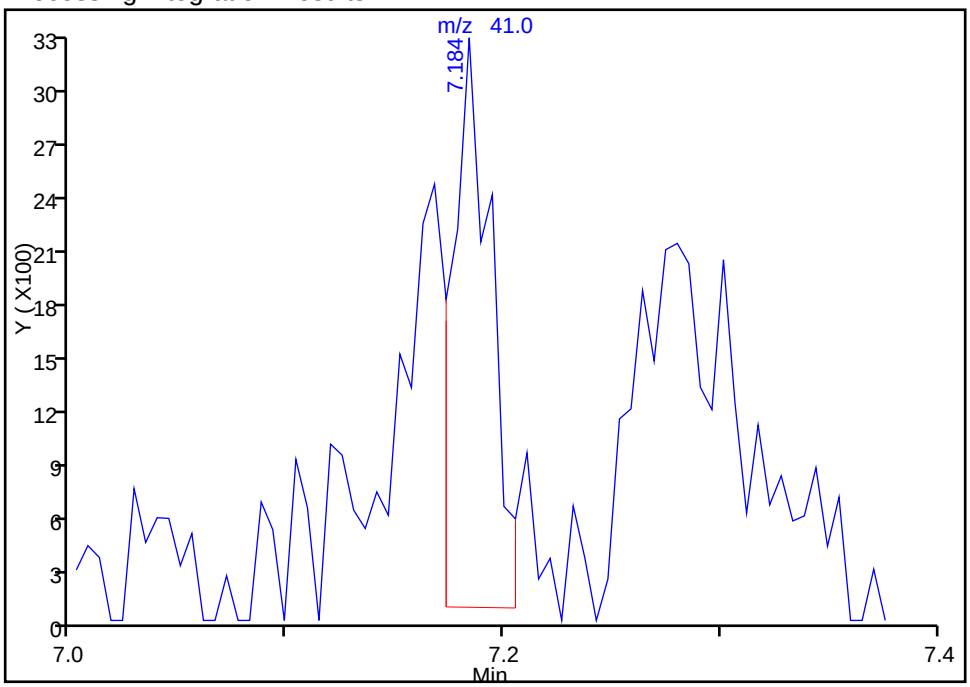
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

29 3-Chloro-1-propene, CAS: 107-05-1

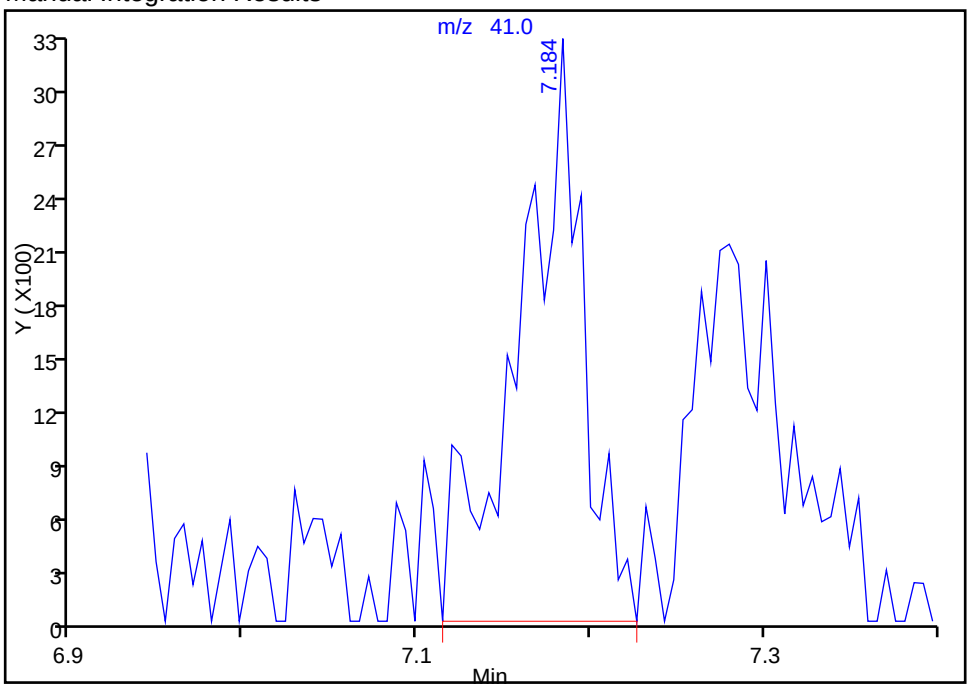
Processing Integration Results

RT: 7.18
Area: 3950
Amount: 0.094078
Amount Units: ppb v/v



Manual Integration Results

RT: 7.18
Area: 8343
Amount: 0.184918
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

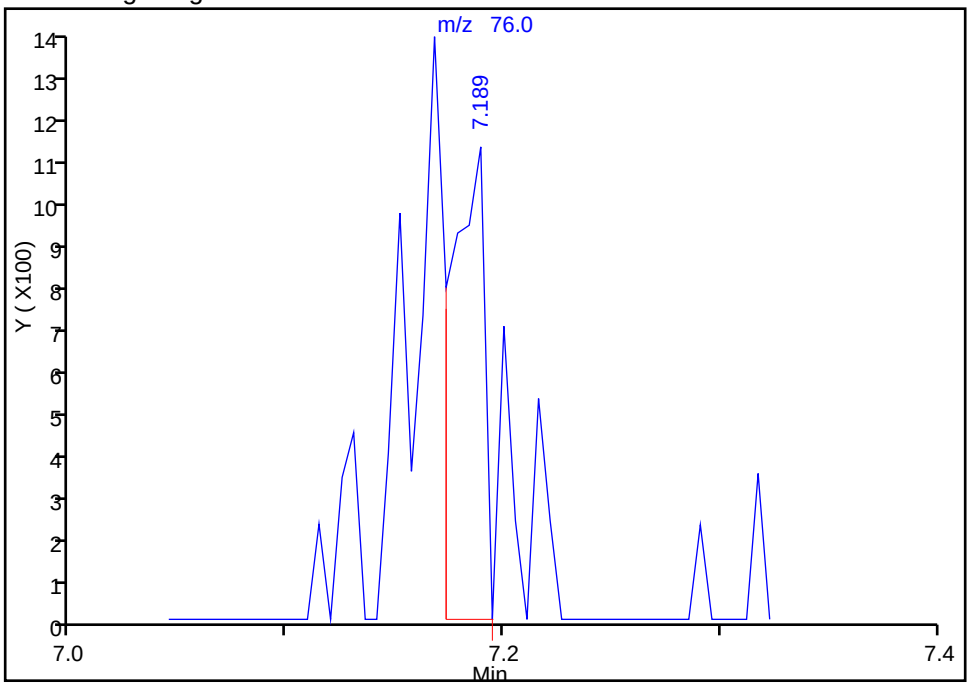
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

29 3-Chloro-1-propene, CAS: 107-05-1

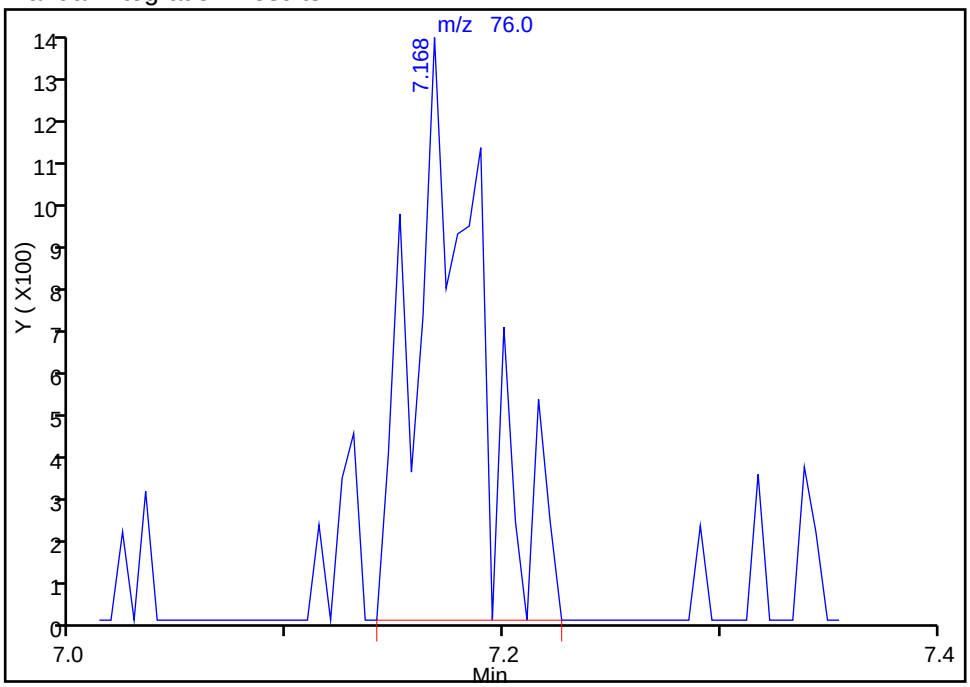
Processing Integration Results

RT: 7.19
Area: 1165
Amount: 0.094078
Amount Units: ppb v/v



Manual Integration Results

RT: 7.17
Area: 2870
Amount: 0.184918
Amount Units: ppb v/v



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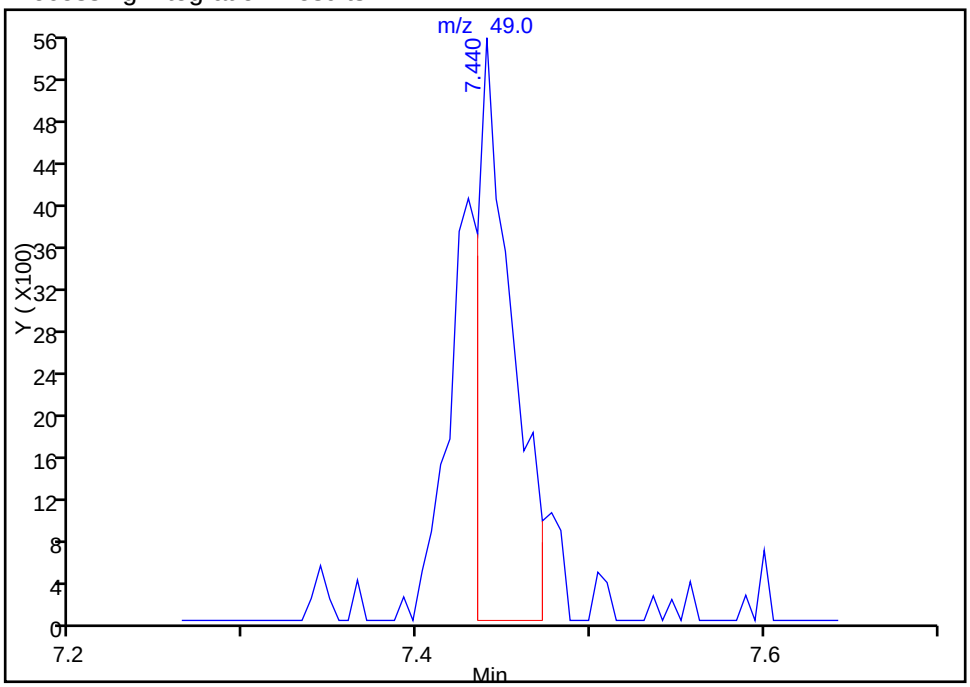
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

31 Methylene Chloride, CAS: 75-09-2

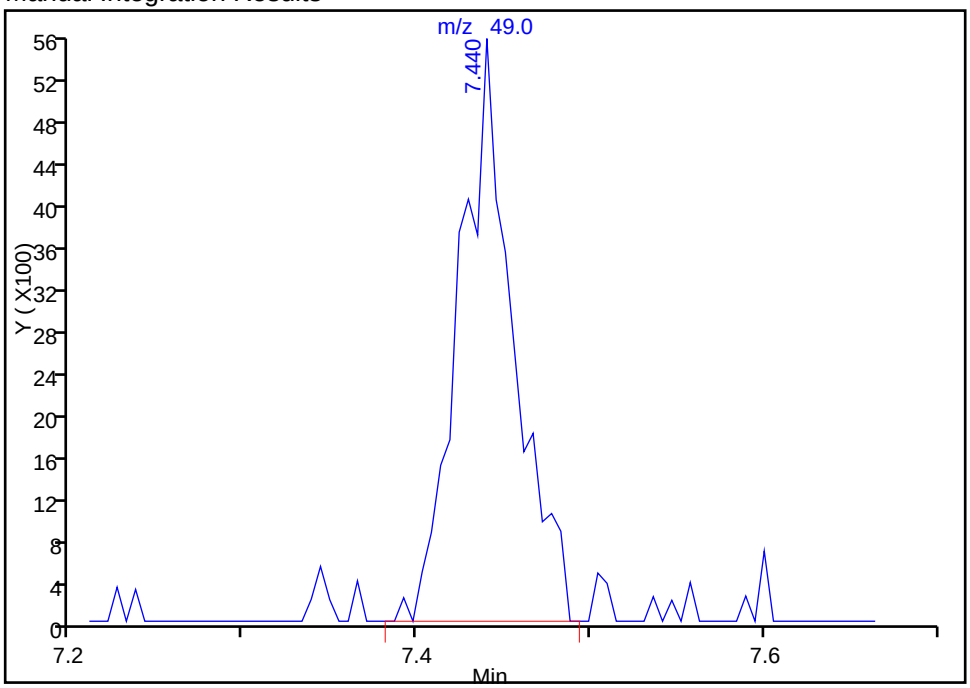
Processing Integration Results

RT: 7.44
Area: 7612
Amount: 0.183119
Amount Units: ppb v/v



Manual Integration Results

RT: 7.44
Area: 12228
Amount: 0.294164
Amount Units: ppb v/v



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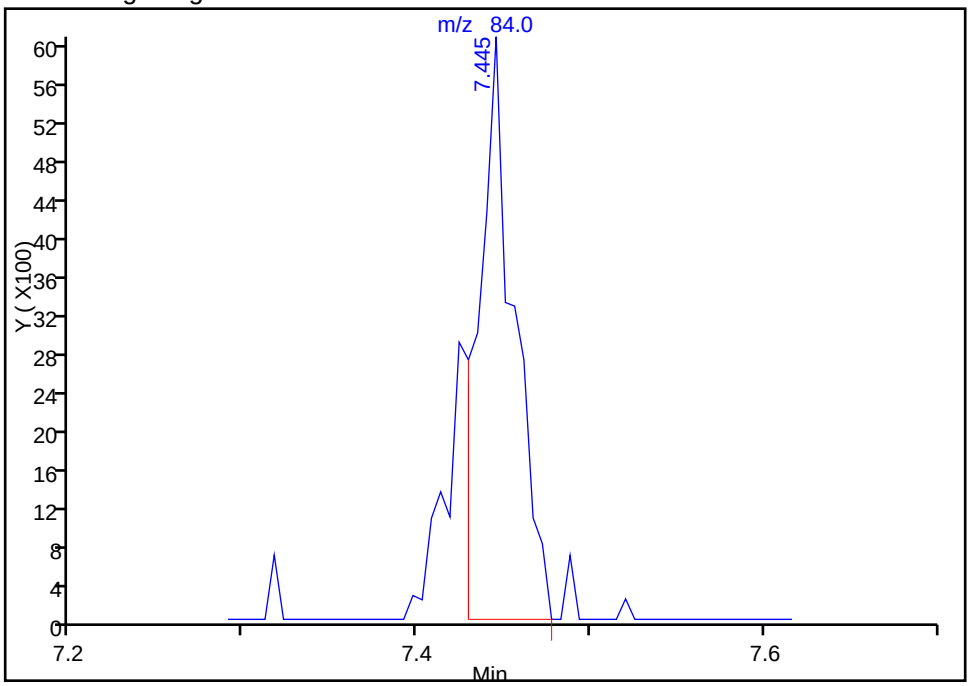
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

31 Methylene Chloride, CAS: 75-09-2

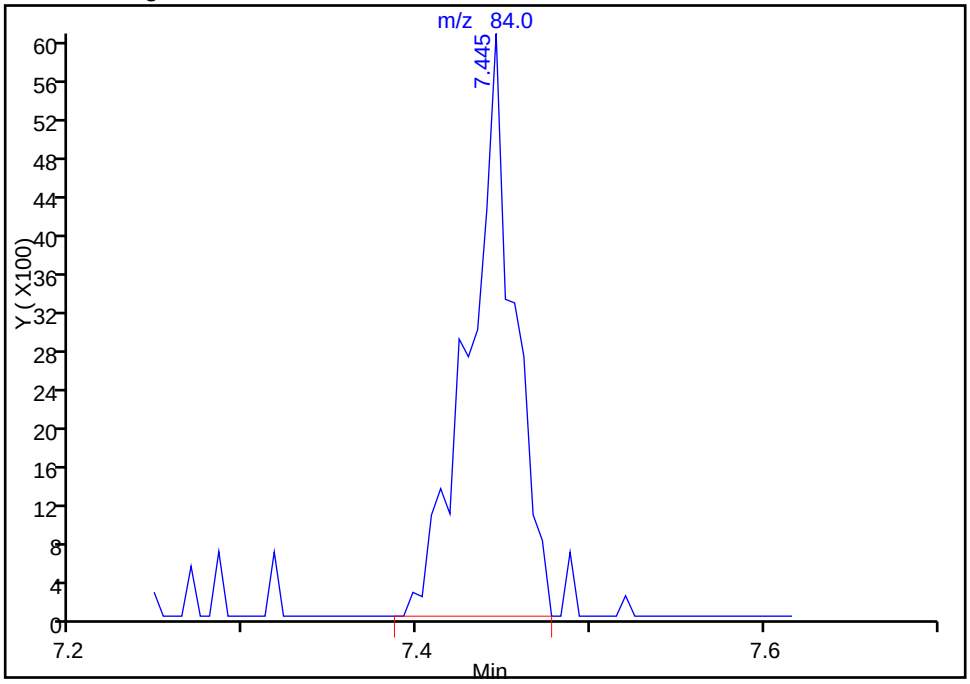
Processing Integration Results

RT: 7.45
Area: 8715
Amount: 0.183119
Amount Units: ppb v/v



Manual Integration Results

RT: 7.45
Area: 10896
Amount: 0.294164
Amount Units: ppb v/v



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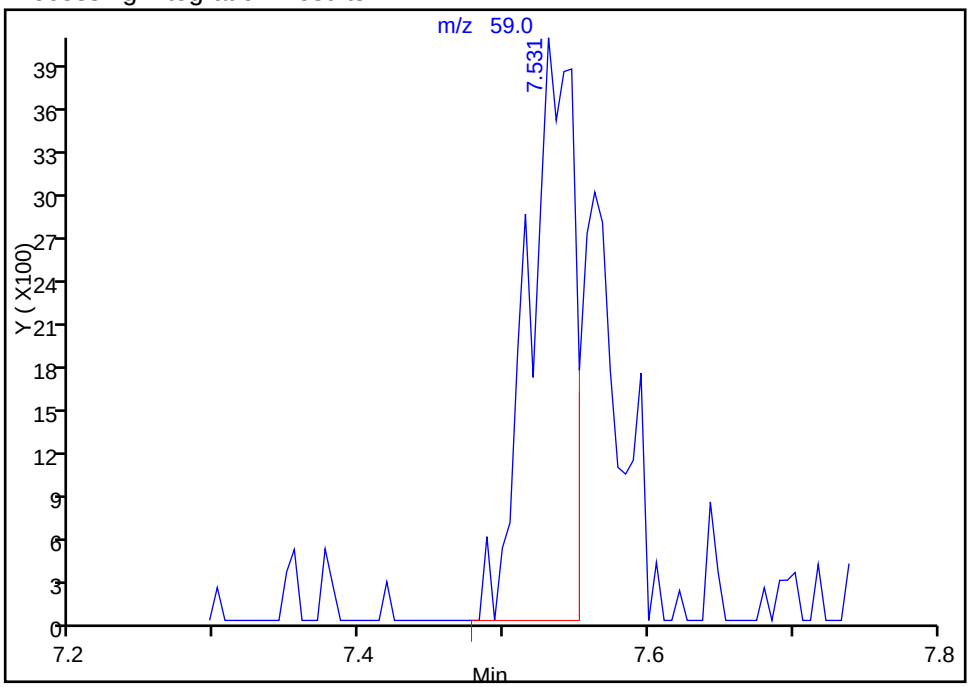
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

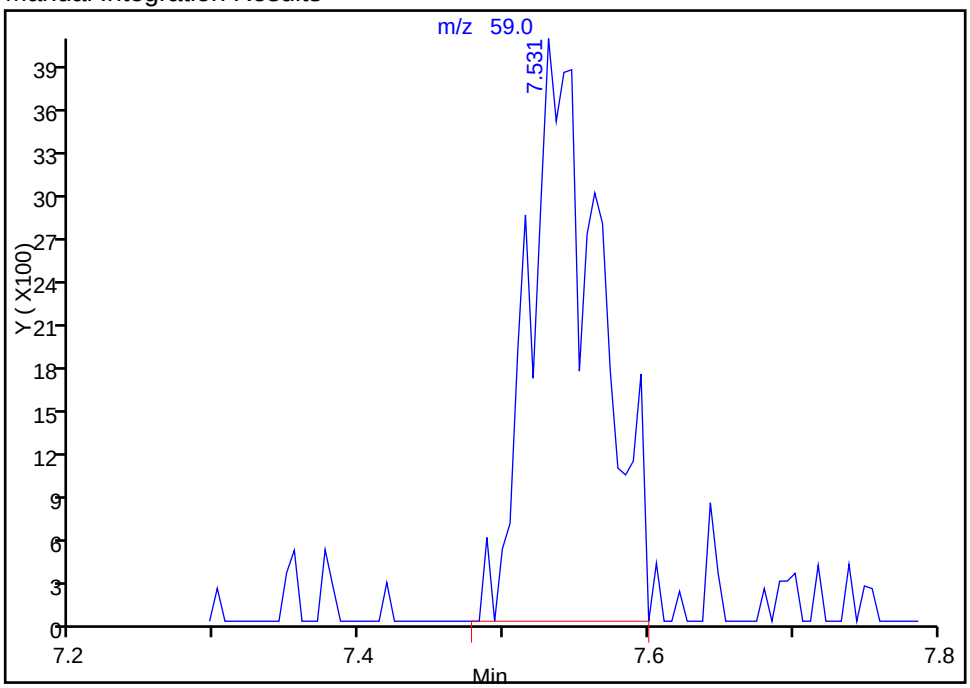
Processing Integration Results

RT: 7.53
Area: 8876
Amount: 0.126519
Amount Units: ppb v/v



Manual Integration Results

RT: 7.53
Area: 13666
Amount: 0.194796
Amount Units: ppb v/v



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Manual Integration/User Assign Peak Report

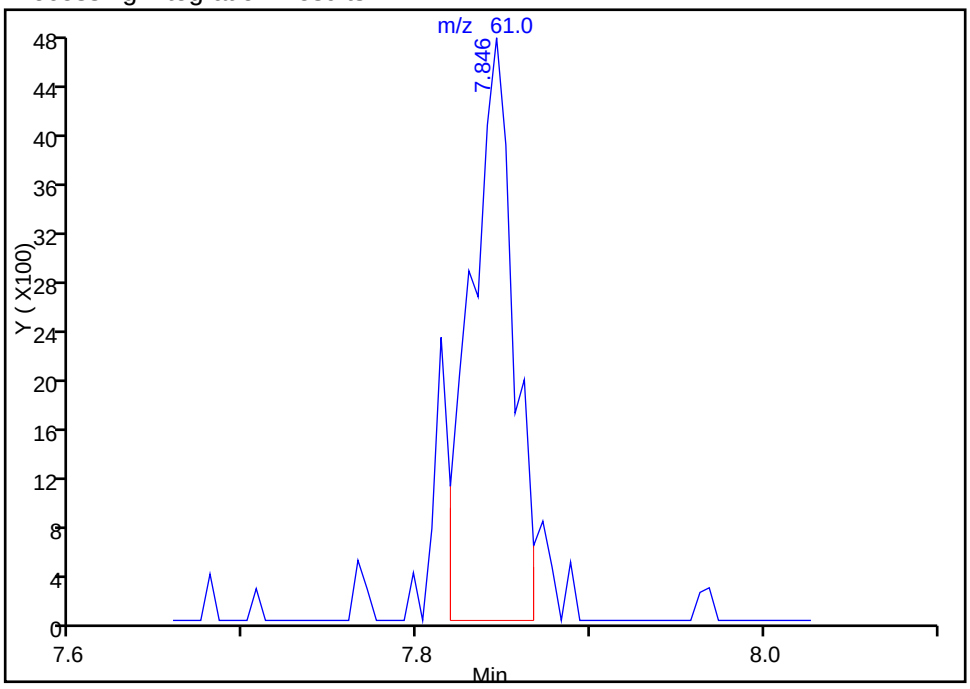
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

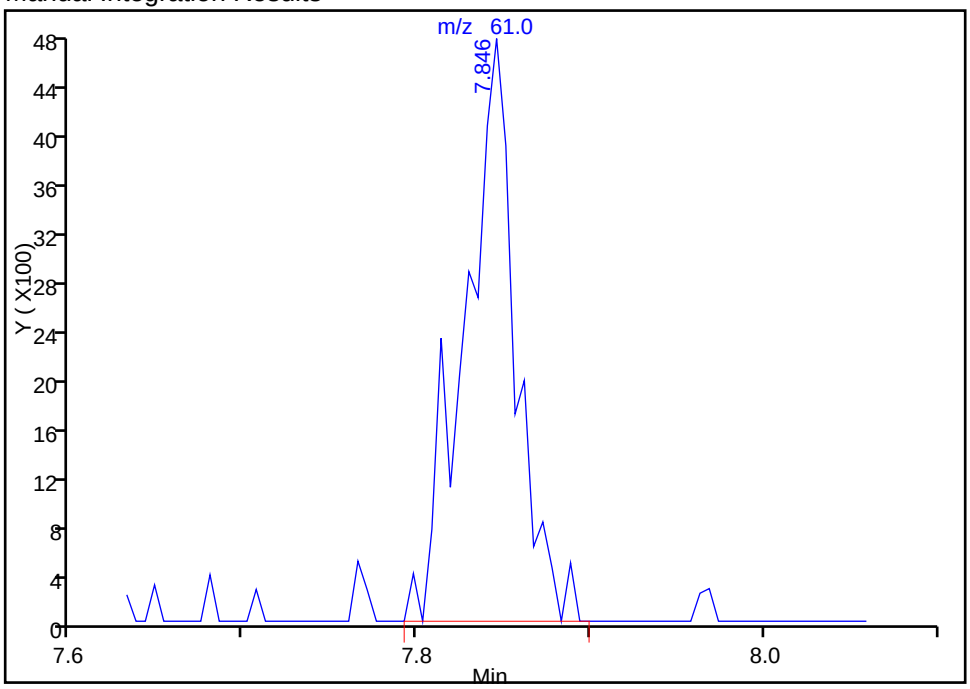
Processing Integration Results

RT: 7.85
Area: 8198
Amount: 0.170523
Amount Units: ppb v/v



Manual Integration Results

RT: 7.85
Area: 9857
Amount: 0.200109
Amount Units: ppb v/v



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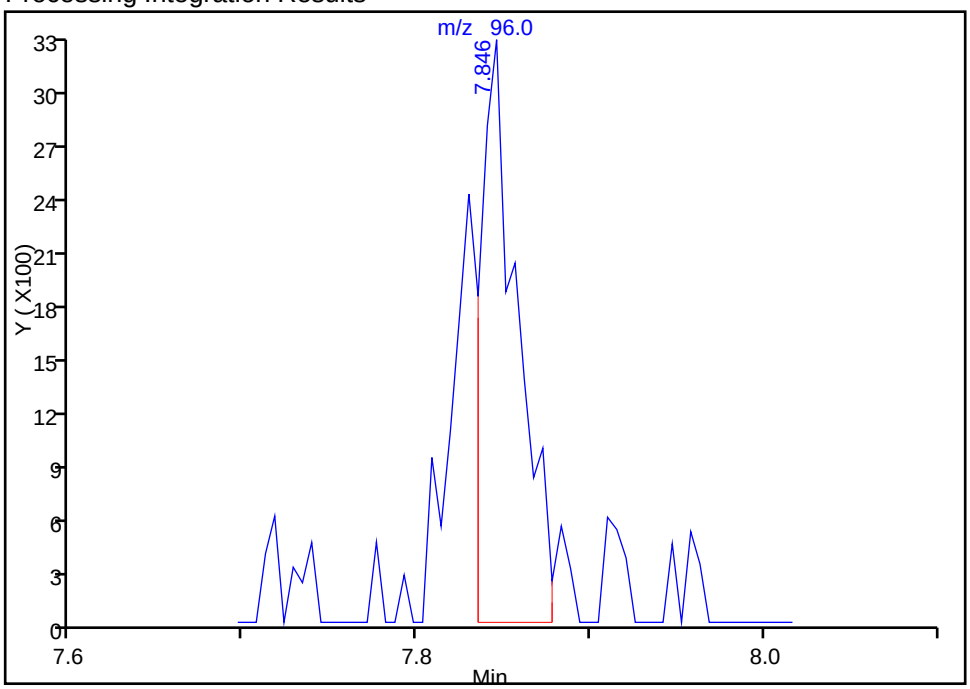
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

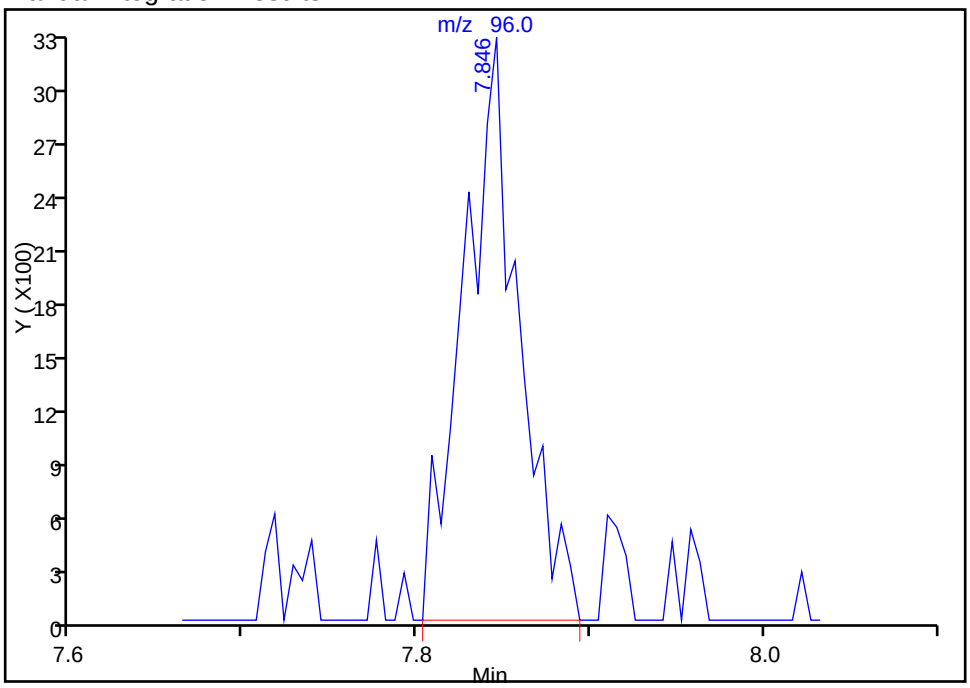
Processing Integration Results

RT: 7.85
Area: 4860
Amount: 0.170523
Amount Units: ppb v/v



Manual Integration Results

RT: 7.85
Area: 7270
Amount: 0.200109
Amount Units: ppb v/v



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Manual Integration/User Assign Peak Report

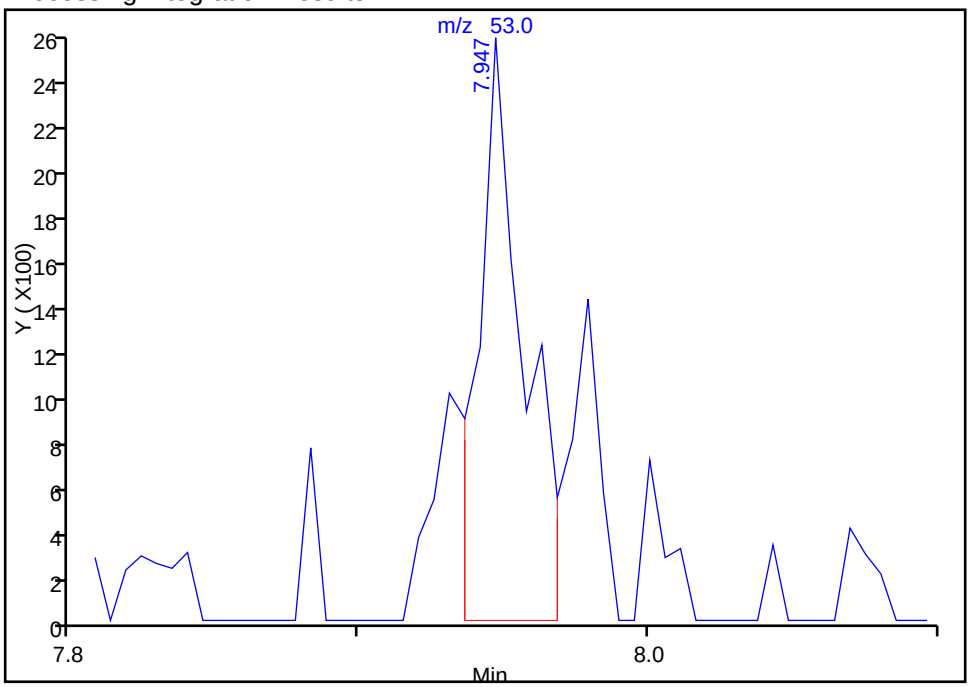
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

35 Acrylonitrile, CAS: 107-13-1

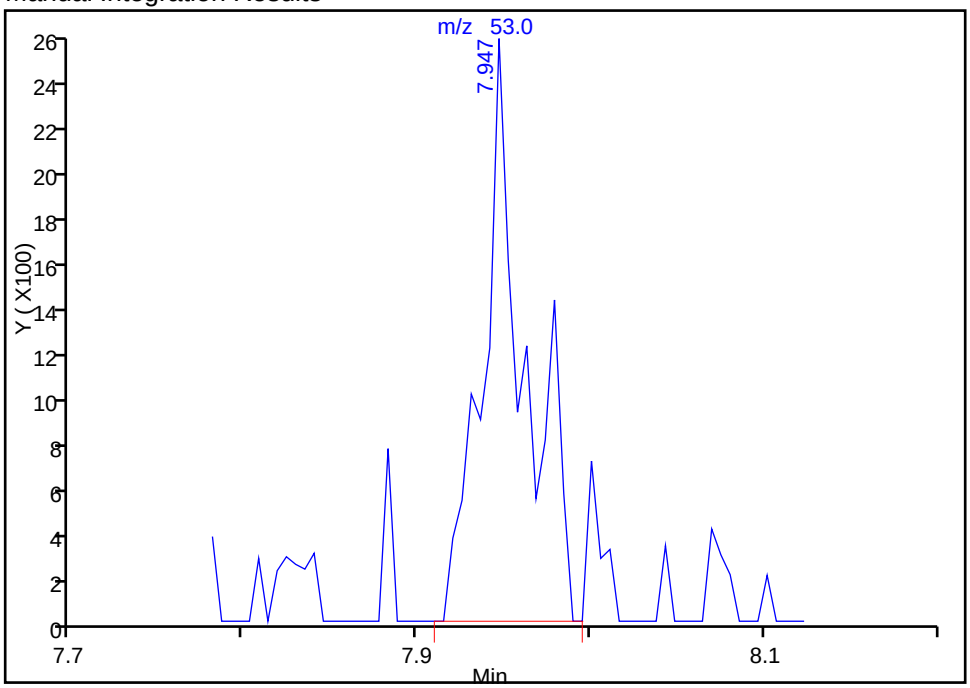
Processing Integration Results

RT: 7.95
Area: 2827
Amount: 0.139928
Amount Units: ppb v/v



Manual Integration Results

RT: 7.95
Area: 4308
Amount: 0.191707
Amount Units: ppb v/v



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Manual Integration/User Assign Peak Report

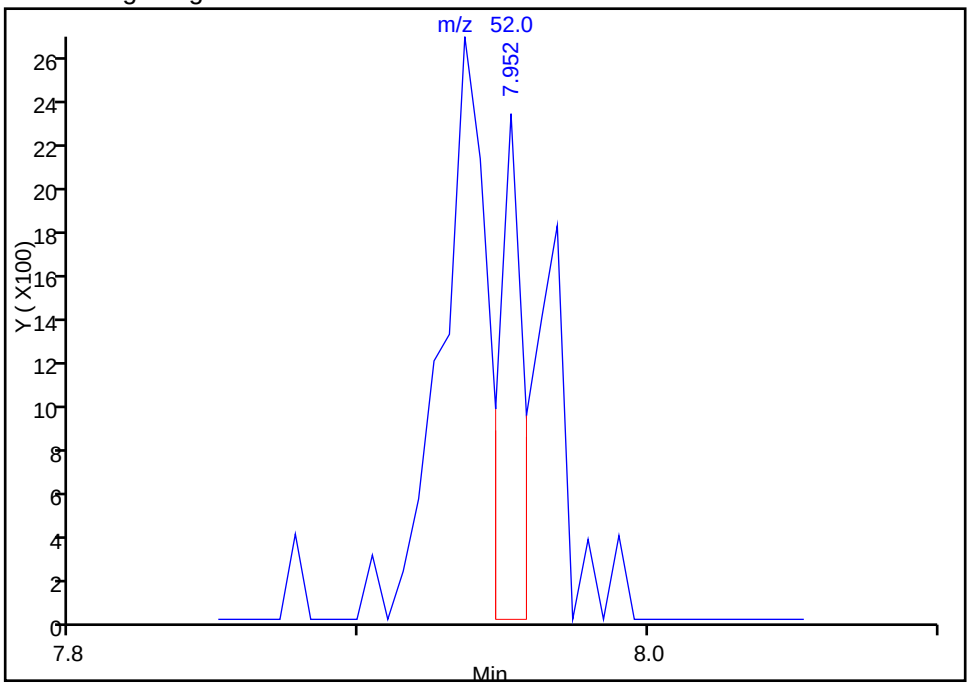
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

35 Acrylonitrile, CAS: 107-13-1

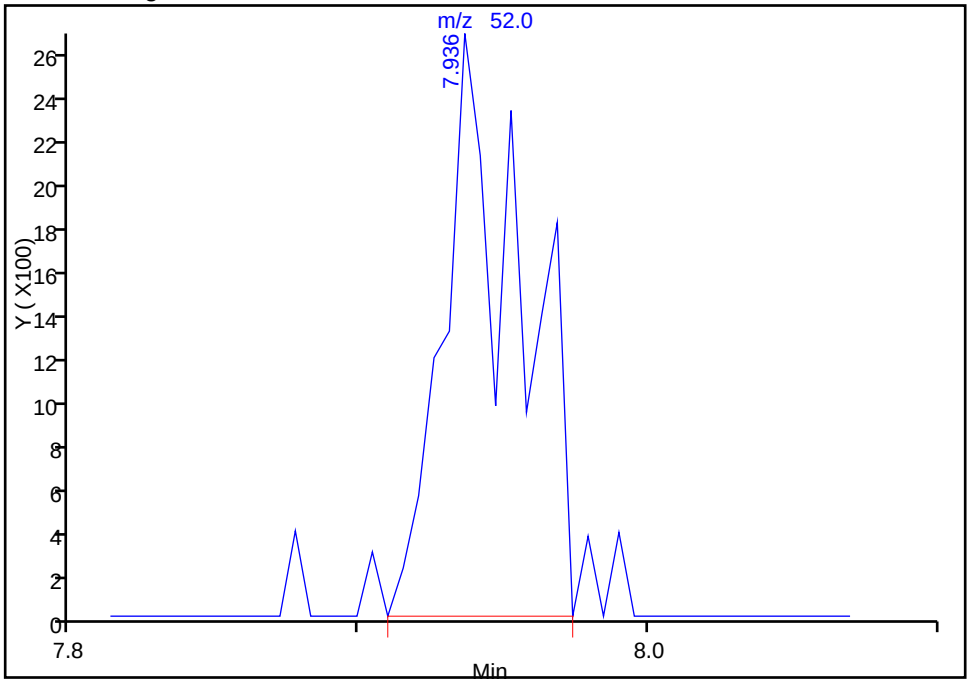
Processing Integration Results

RT: 7.95
Area: 1314
Amount: 0.139928
Amount Units: ppb v/v



Manual Integration Results

RT: 7.94
Area: 4820
Amount: 0.191707
Amount Units: ppb v/v



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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

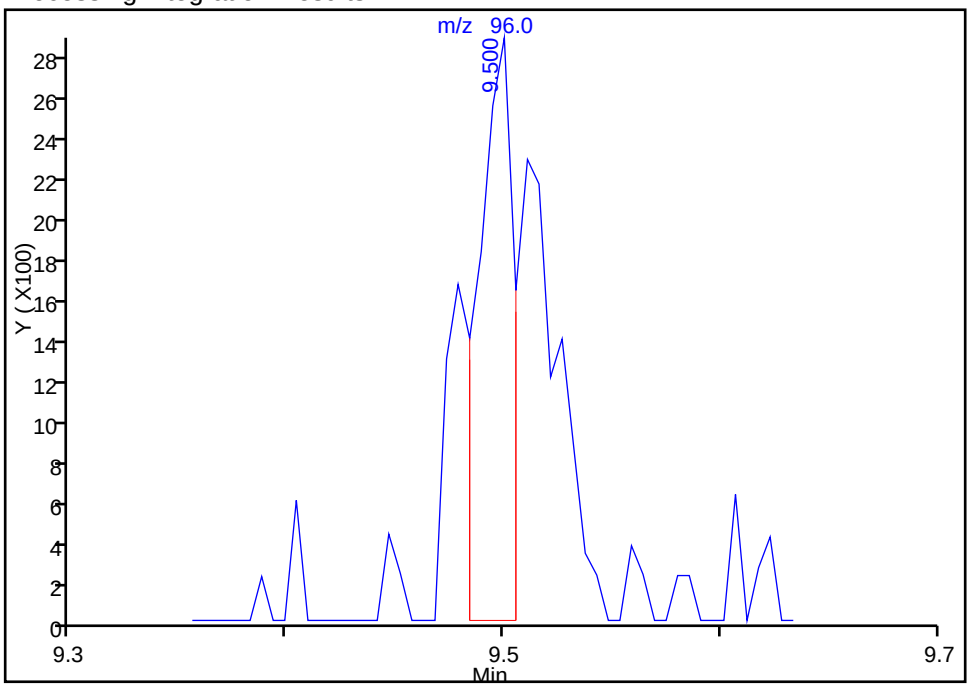
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2

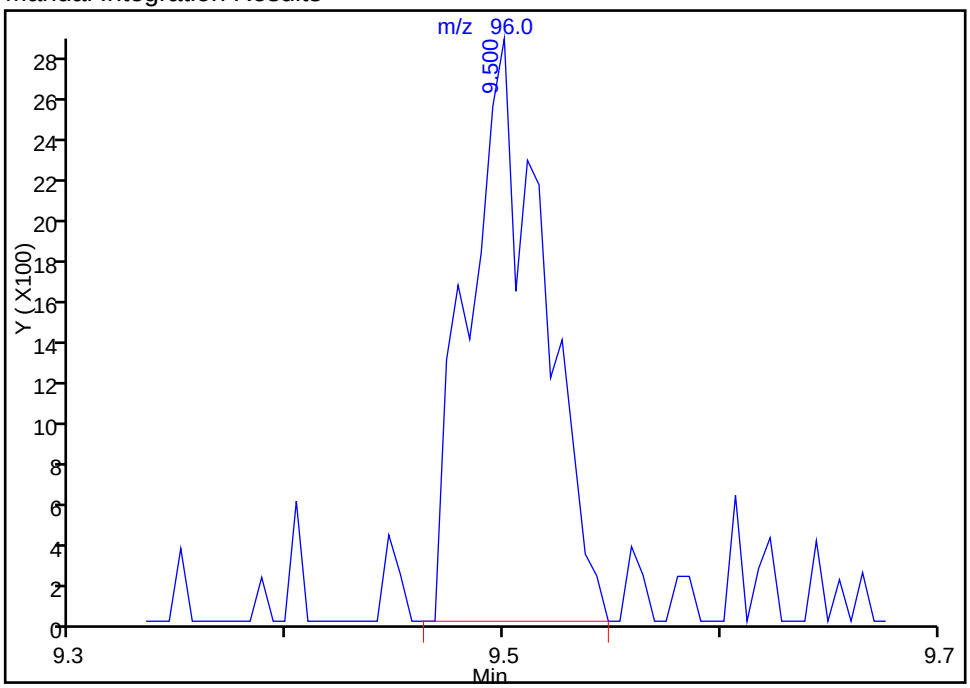
Processing Integration Results

RT: 9.50
Area: 3305
Amount: 0.094270
Amount Units: ppb v/v



Manual Integration Results

RT: 9.50
Area: 6977
Amount: 0.185184
Amount Units: ppb v/v



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Manual Integration/User Assign Peak Report

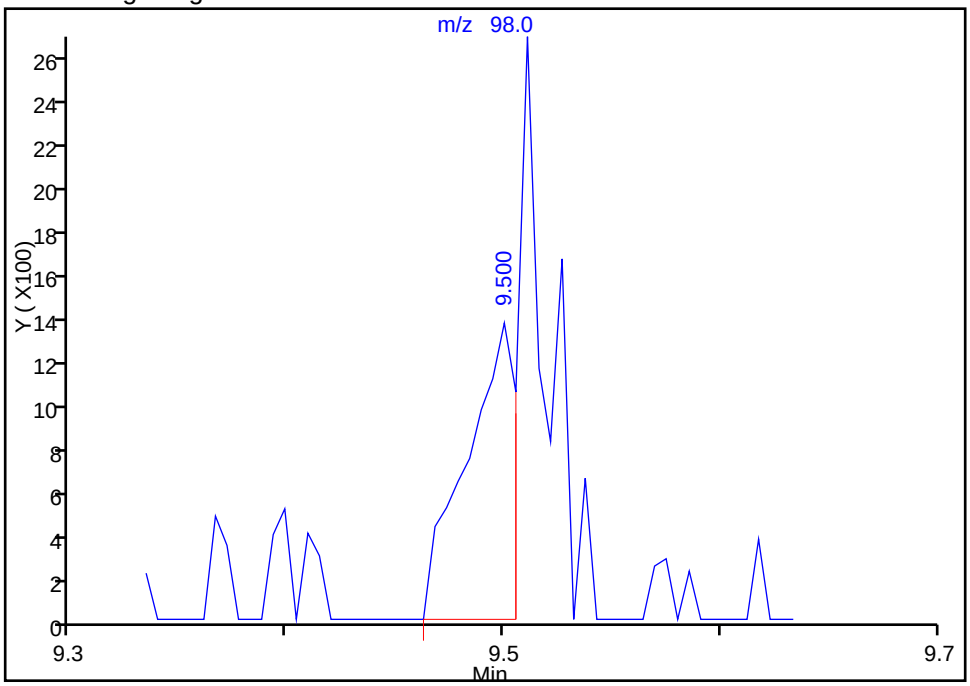
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2

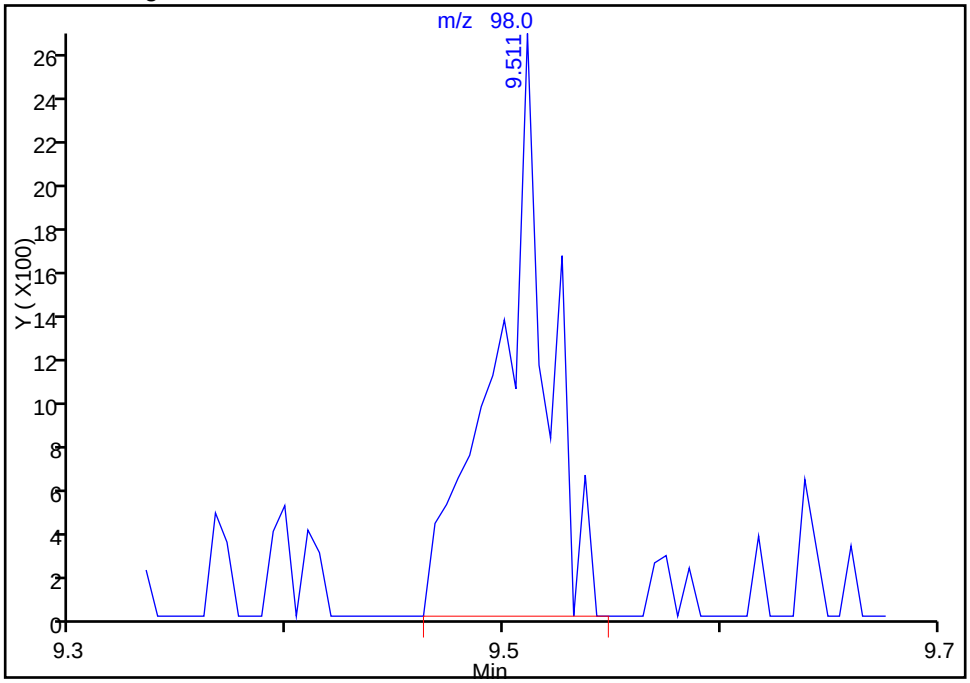
Processing Integration Results

RT: 9.50
Area: 2130
Amount: 0.094270
Amount Units: ppb v/v



Manual Integration Results

RT: 9.51
Area: 4314
Amount: 0.185184
Amount Units: ppb v/v



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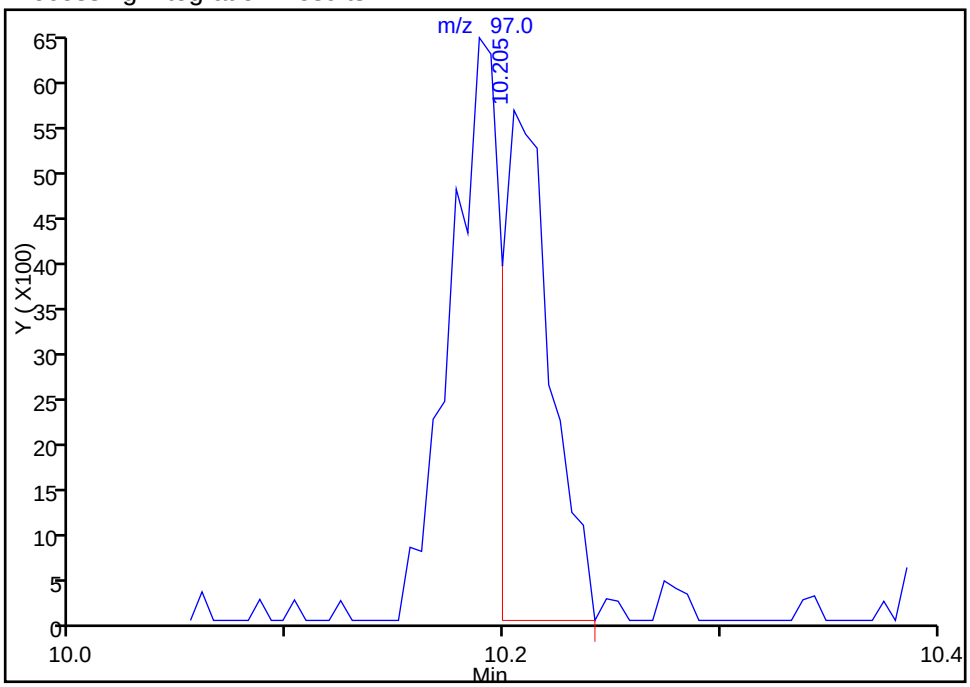
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6

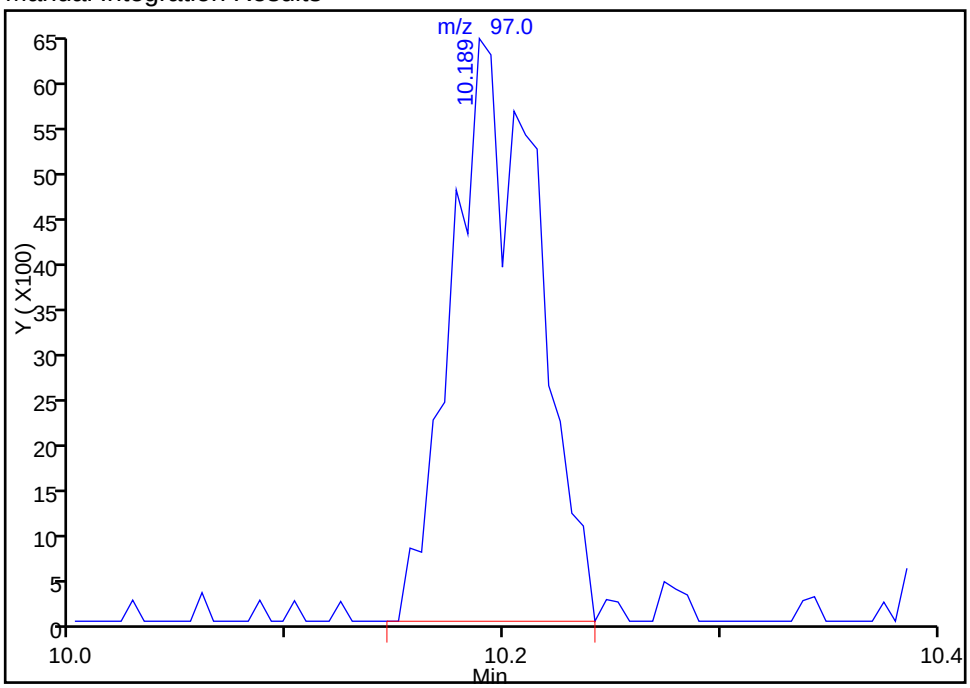
Processing Integration Results

RT: 10.20
Area: 8767
Amount: 0.099423
Amount Units: ppb v/v



Manual Integration Results

RT: 10.19
Area: 17776
Amount: 0.187908
Amount Units: ppb v/v



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Manual Integration/User Assign Peak Report

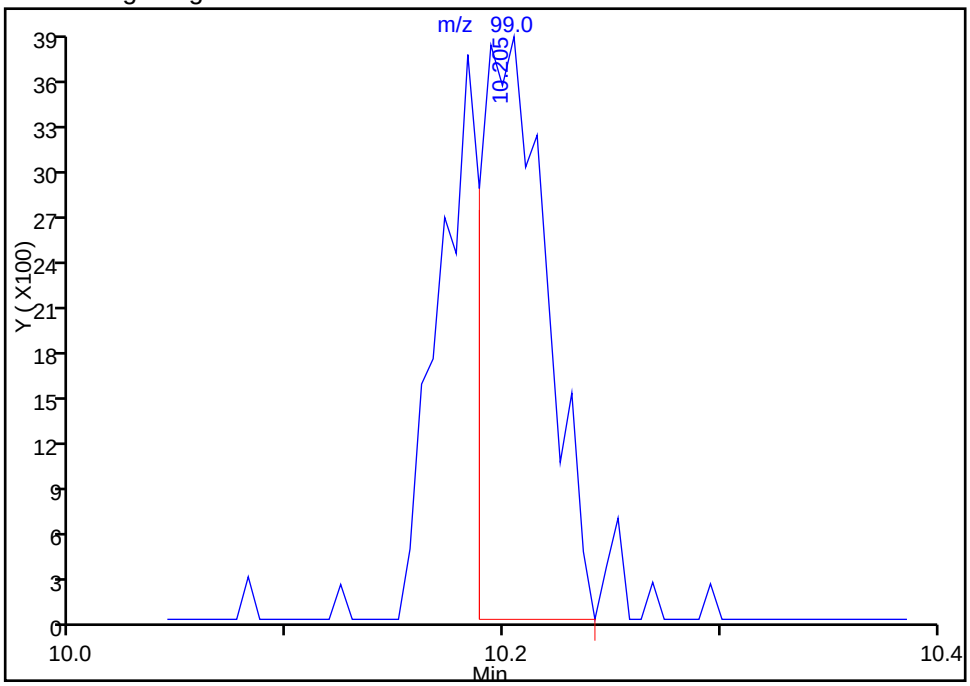
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6

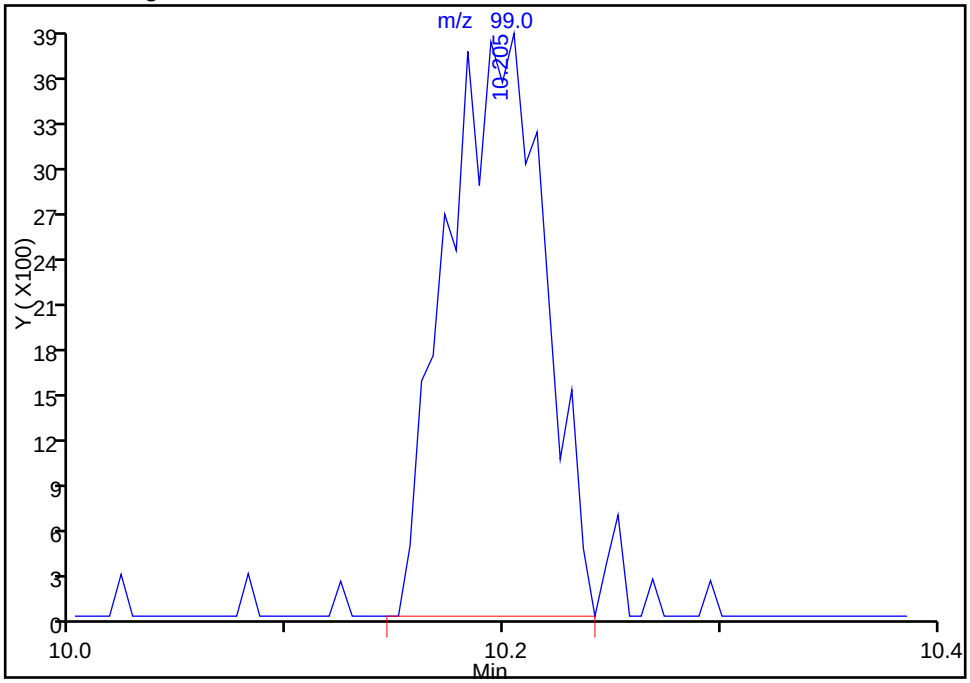
Processing Integration Results

RT: 10.20
Area: 8001
Amount: 0.099423
Amount Units: ppb v/v



Manual Integration Results

RT: 10.20
Area: 11972
Amount: 0.187908
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

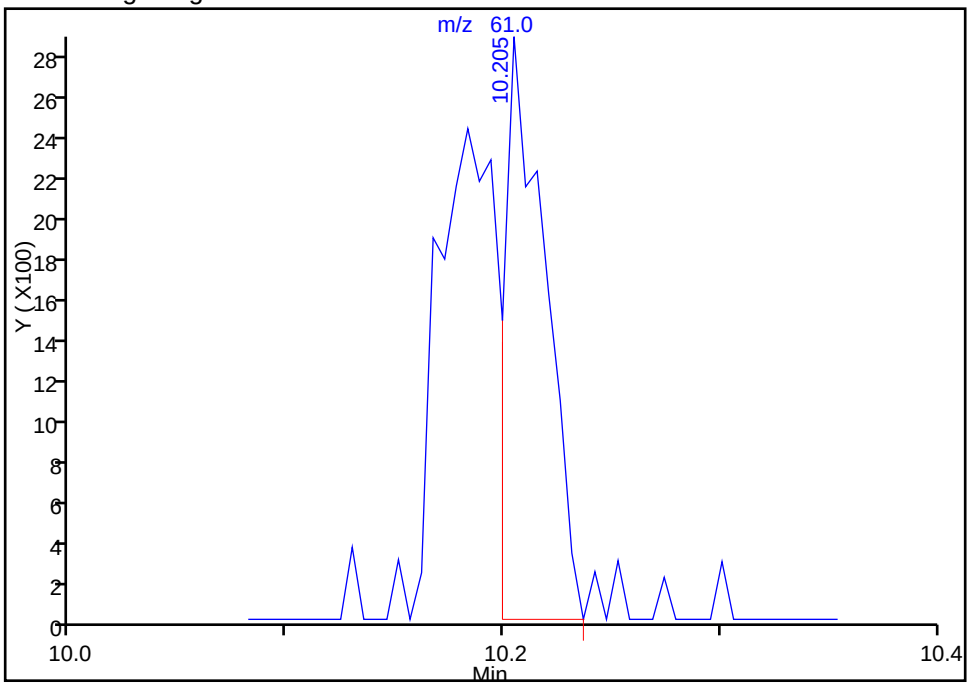
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6

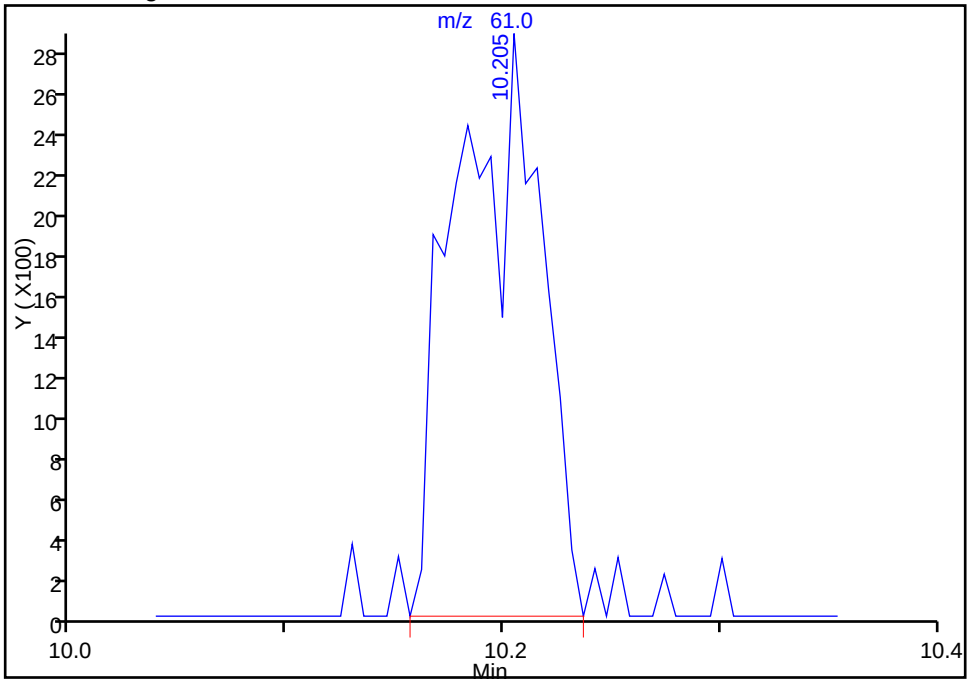
Processing Integration Results

RT: 10.20
Area: 3783
Amount: 0.099423
Amount Units: ppb v/v



Manual Integration Results

RT: 10.20
Area: 7941
Amount: 0.187908
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

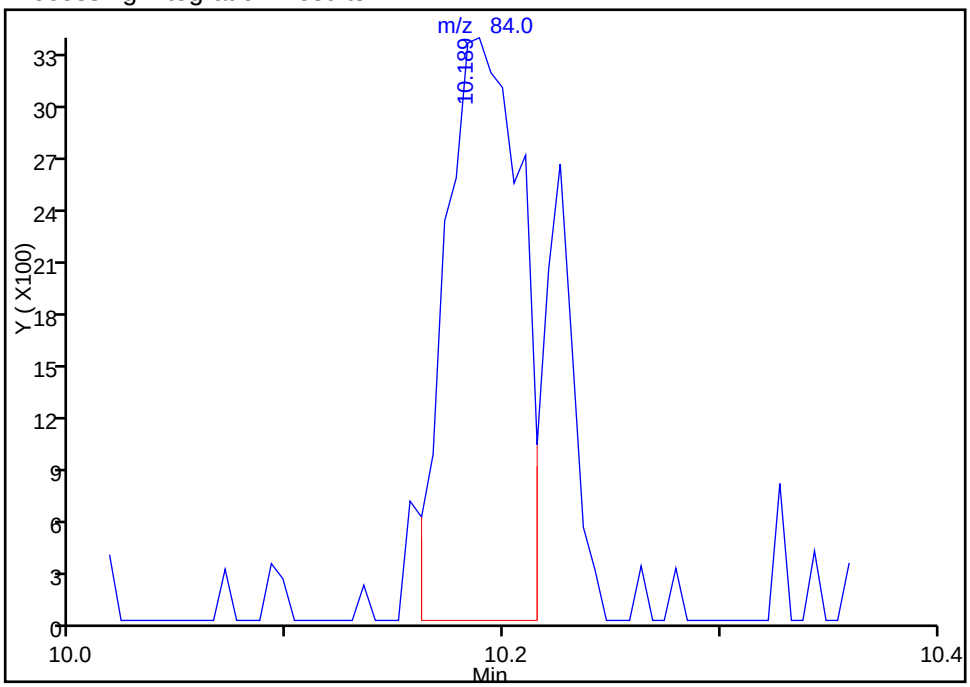
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

46 Cyclohexane, CAS: 110-82-7

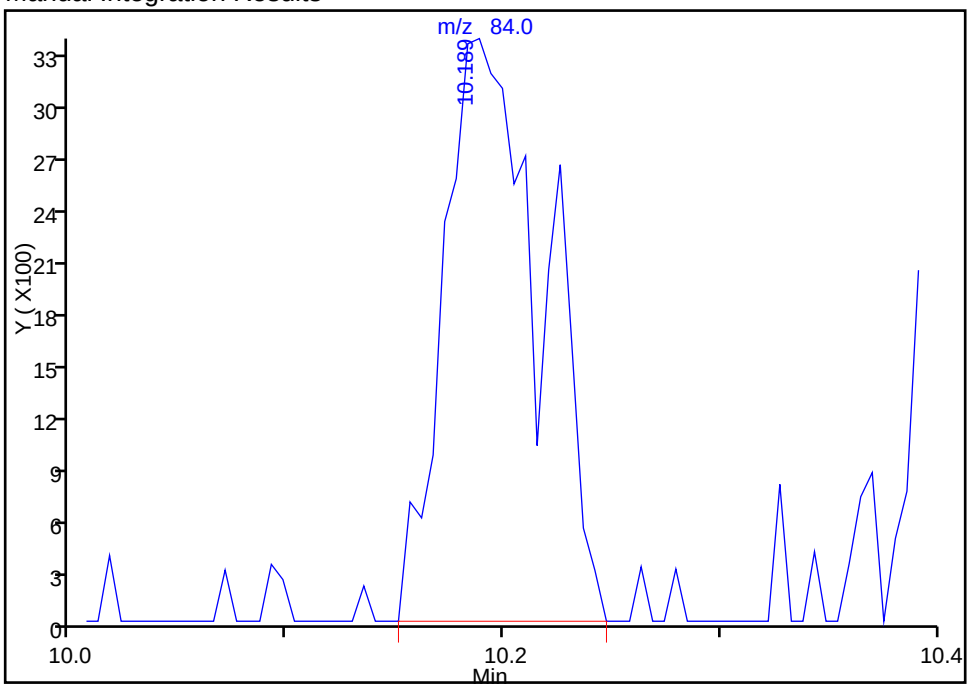
Processing Integration Results

RT: 10.19
Area: 8208
Amount: 0.166255
Amount Units: ppb v/v



Manual Integration Results

RT: 10.19
Area: 10707
Amount: 0.209321
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

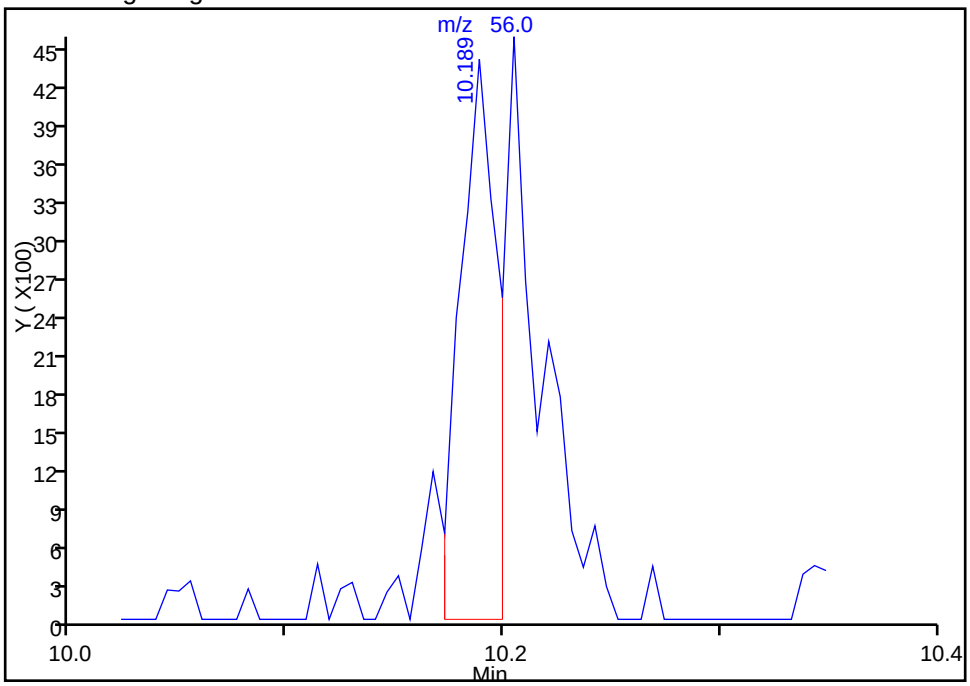
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

46 Cyclohexane, CAS: 110-82-7

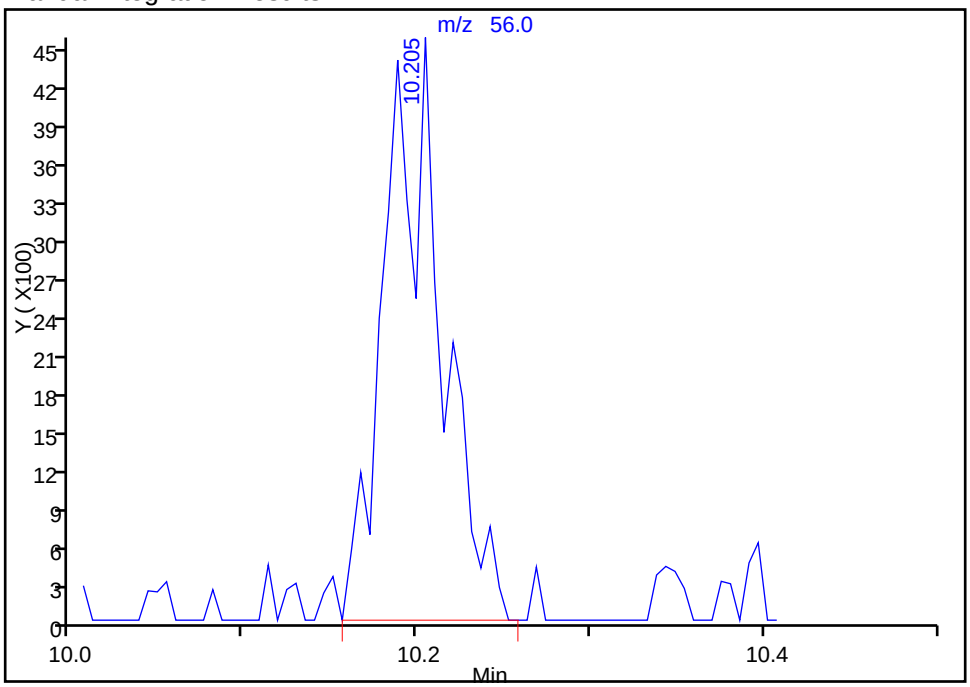
Processing Integration Results

RT: 10.19
Area: 5220
Amount: 0.166255
Amount Units: ppb v/v



Manual Integration Results

RT: 10.20
Area: 10431
Amount: 0.209321
Amount Units: ppb v/v



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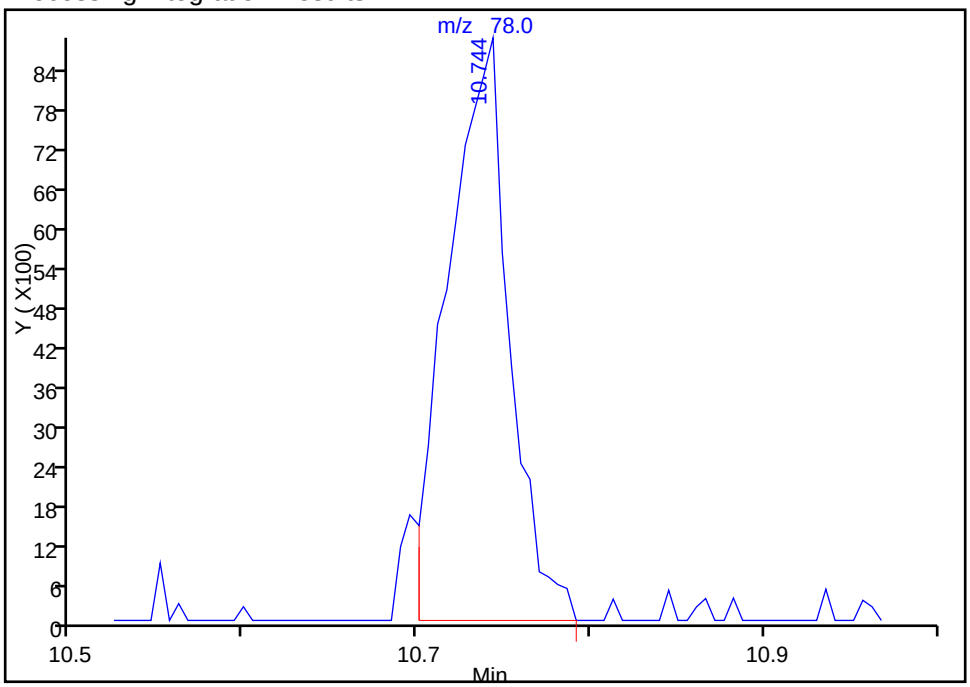
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

50 Benzene, CAS: 71-43-2

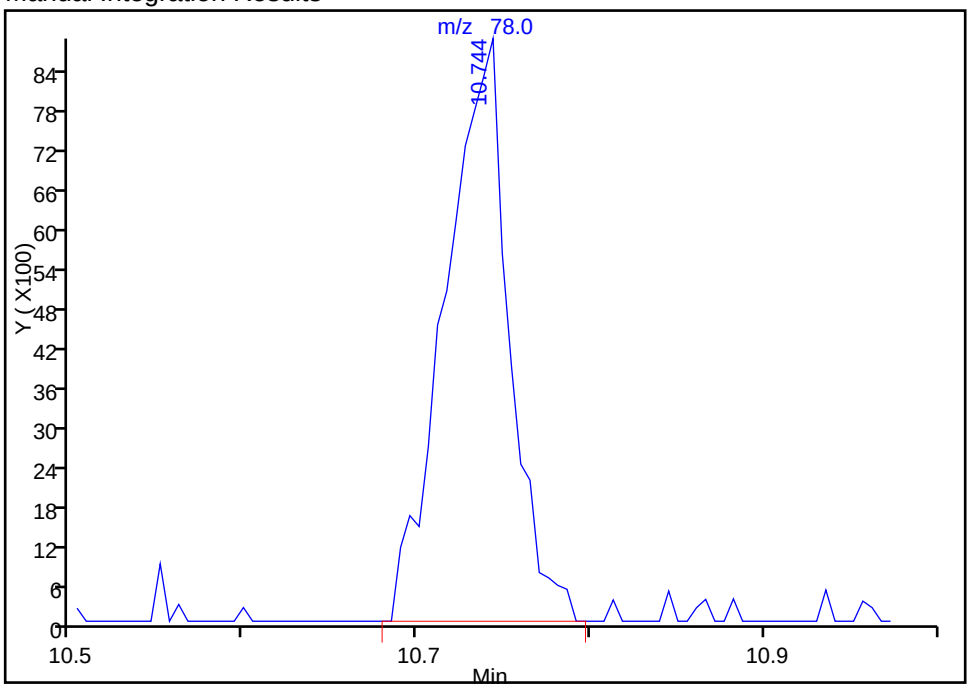
Processing Integration Results

RT: 10.74
Area: 21918
Amount: 0.200124
Amount Units: ppb v/v



Manual Integration Results

RT: 10.74
Area: 22794
Amount: 0.206943
Amount Units: ppb v/v



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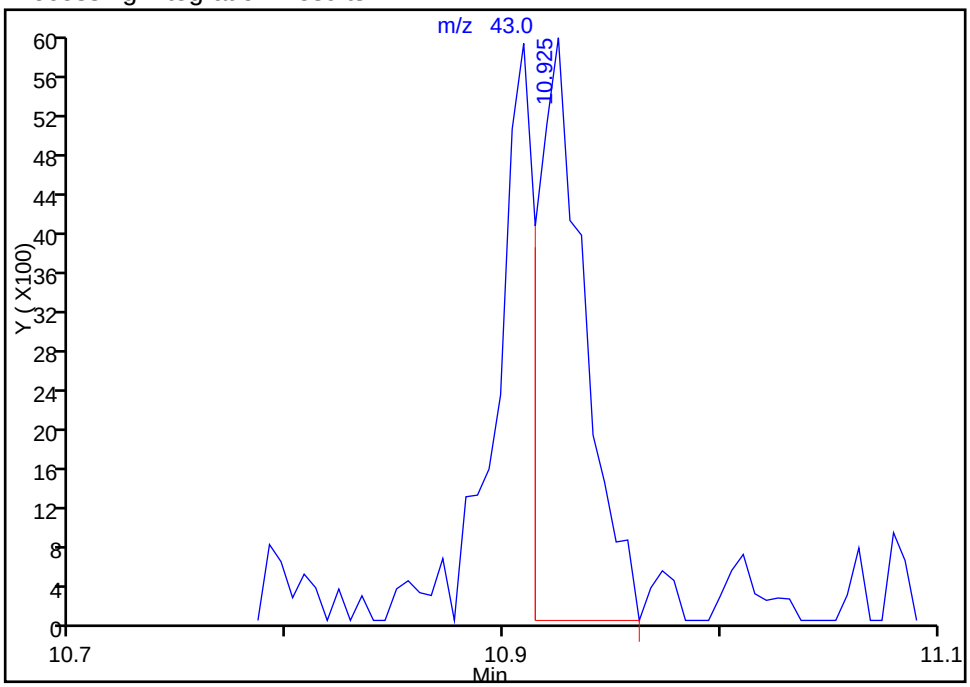
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

52 n-Heptane, CAS: 142-82-5

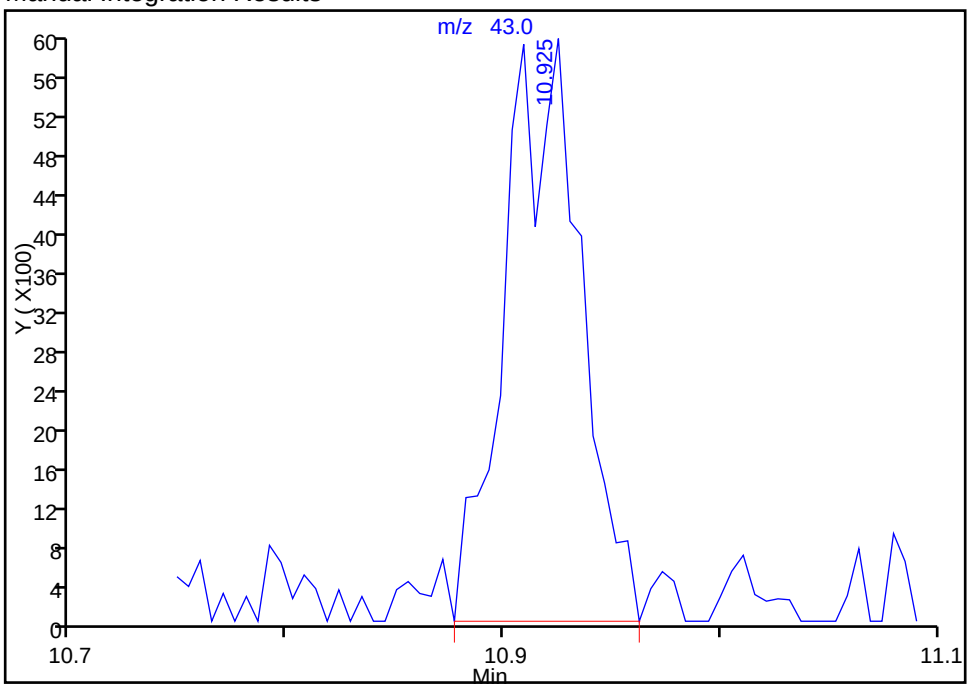
Processing Integration Results

RT: 10.93
Area: 9006
Amount: 0.132387
Amount Units: ppb v/v



Manual Integration Results

RT: 10.93
Area: 14572
Amount: 0.202404
Amount Units: ppb v/v



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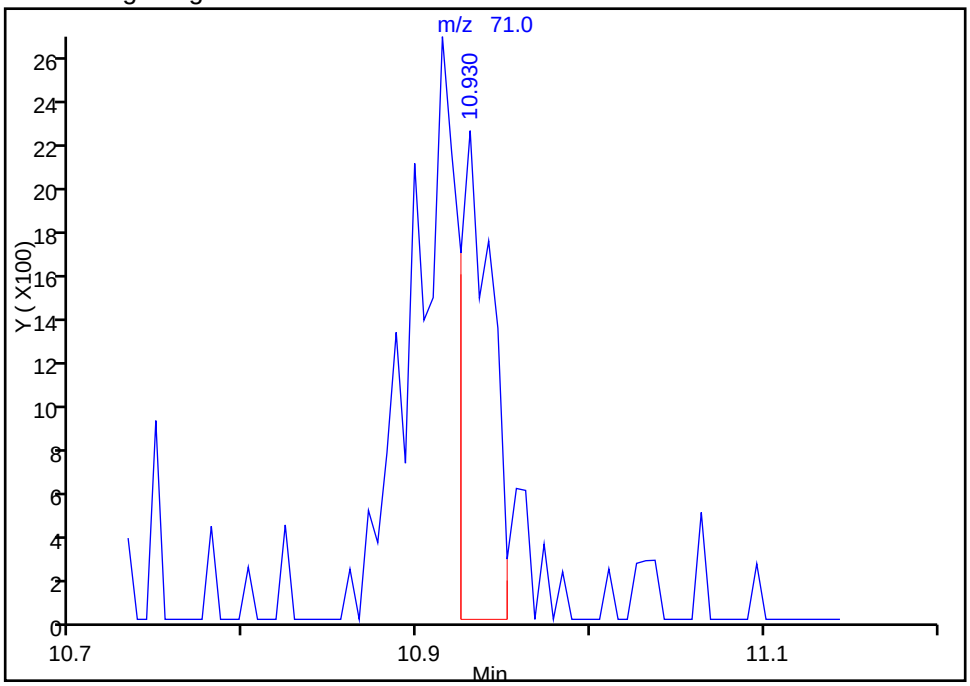
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

52 n-Heptane, CAS: 142-82-5

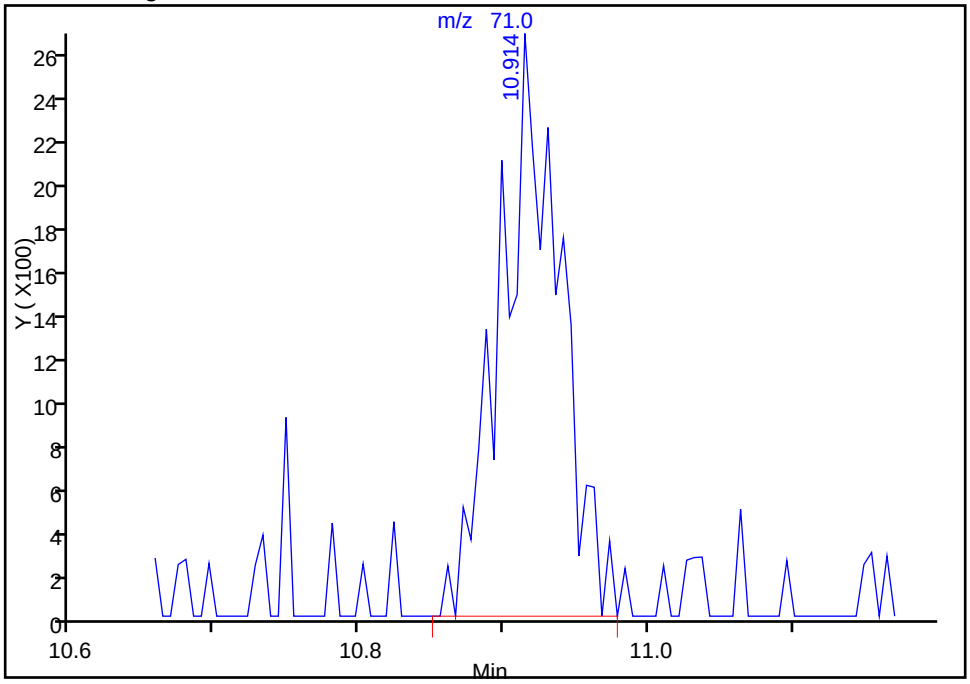
Processing Integration Results

RT: 10.93
Area: 2779
Amount: 0.132387
Amount Units: ppb v/v



Manual Integration Results

RT: 10.91
Area: 7601
Amount: 0.202404
Amount Units: ppb v/v



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Manual Integration/User Assign Peak Report

TestAmerica Burlington

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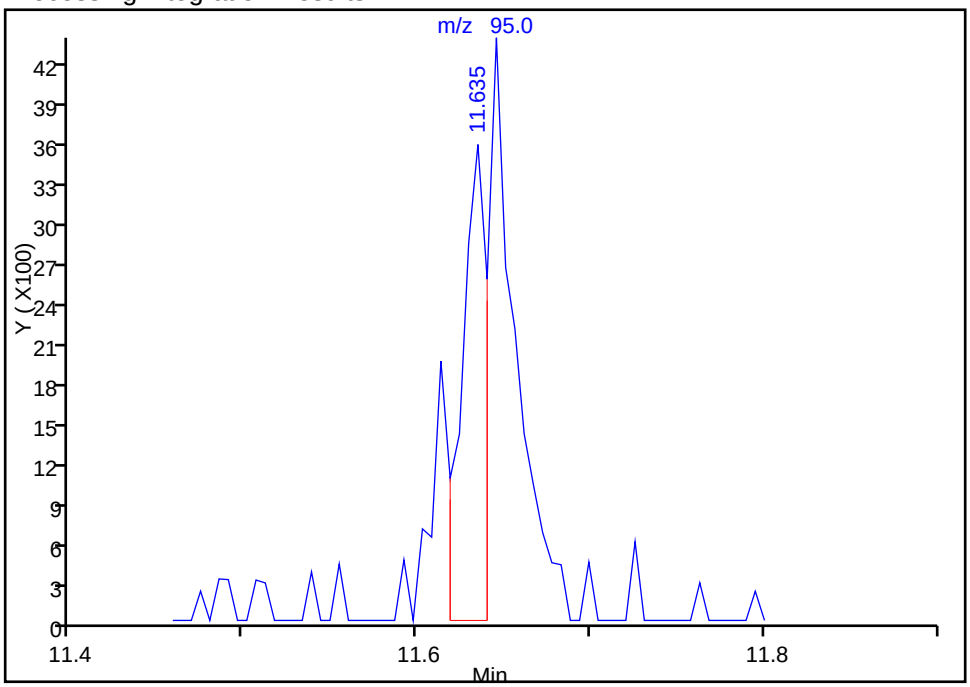
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

57 Trichloroethene, CAS: 79-01-6

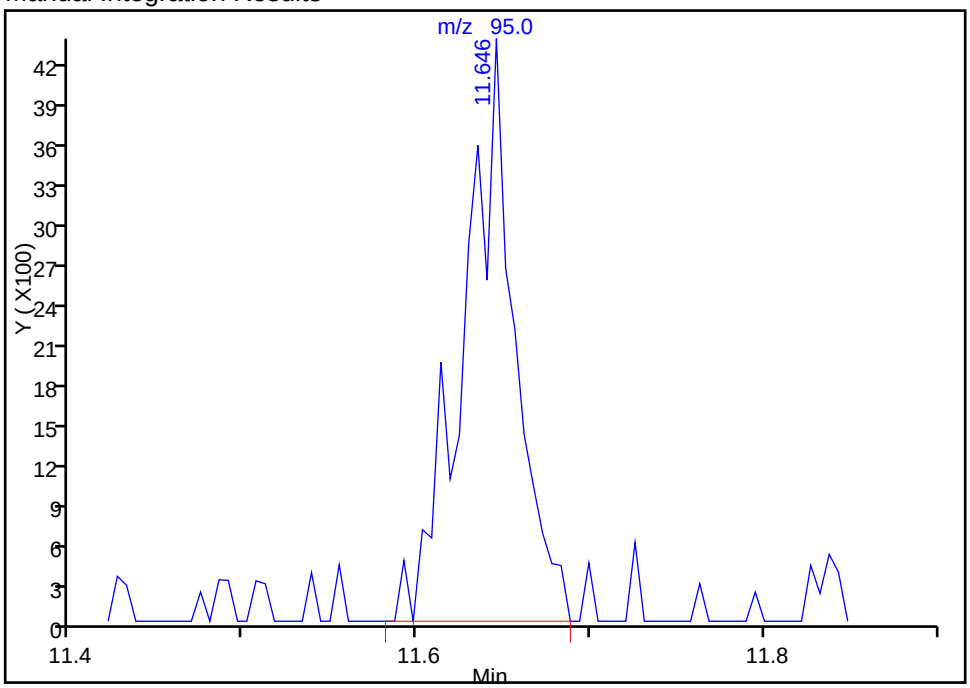
Processing Integration Results

RT: 11.63
Area: 3644
Amount: 0.075774
Amount Units: ppb v/v



Manual Integration Results

RT: 11.65
Area: 9017
Amount: 0.164850
Amount Units: ppb v/v



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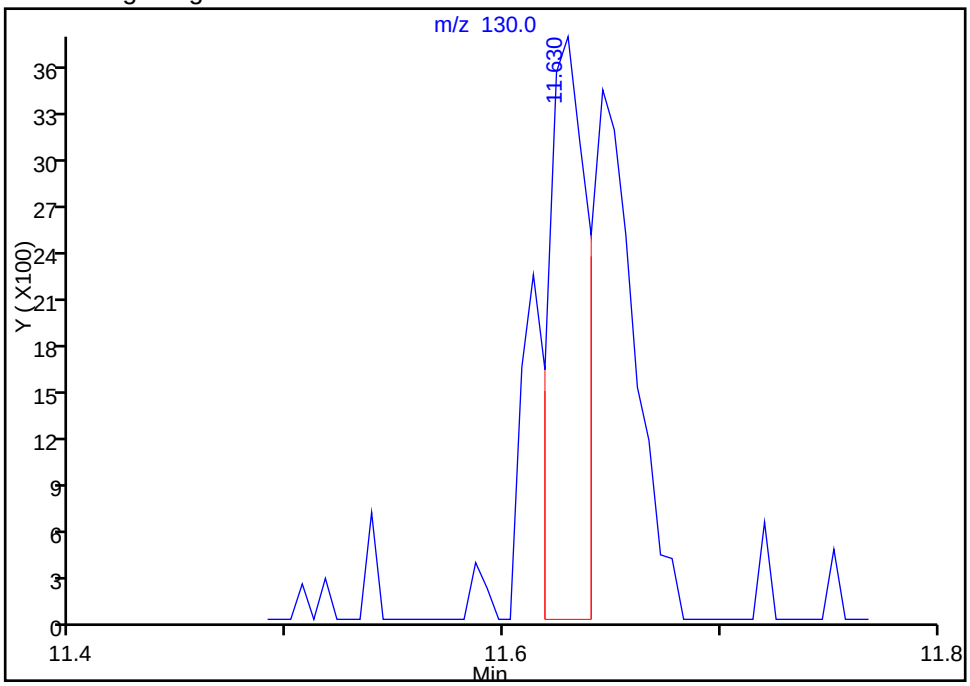
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

57 Trichloroethene, CAS: 79-01-6

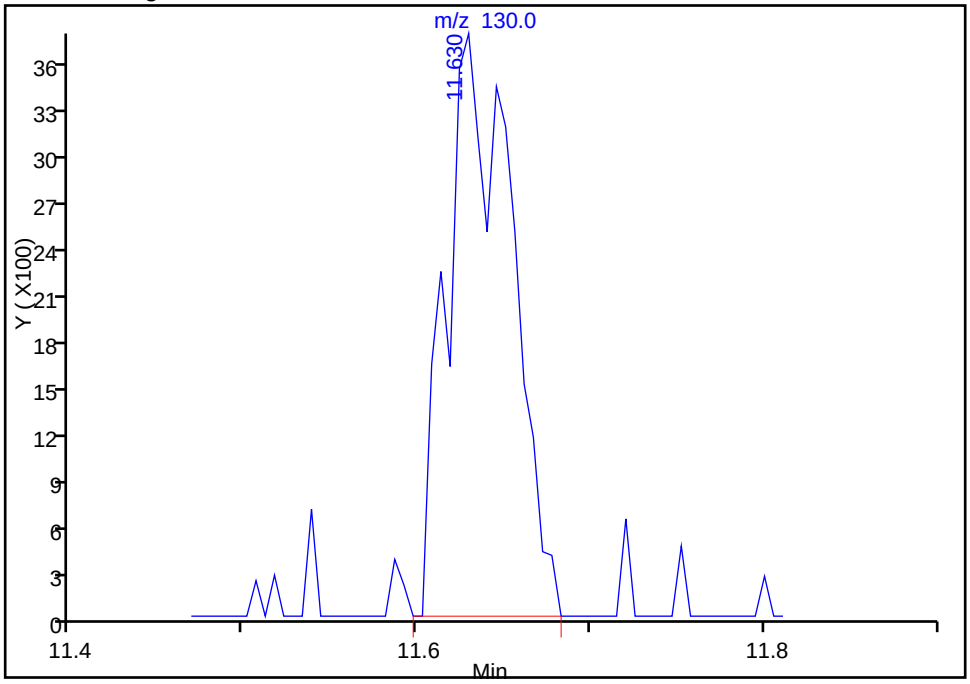
Processing Integration Results

RT: 11.63
Area: 4621
Amount: 0.075774
Amount Units: ppb v/v



Manual Integration Results

RT: 11.63
Area: 9844
Amount: 0.164850
Amount Units: ppb v/v



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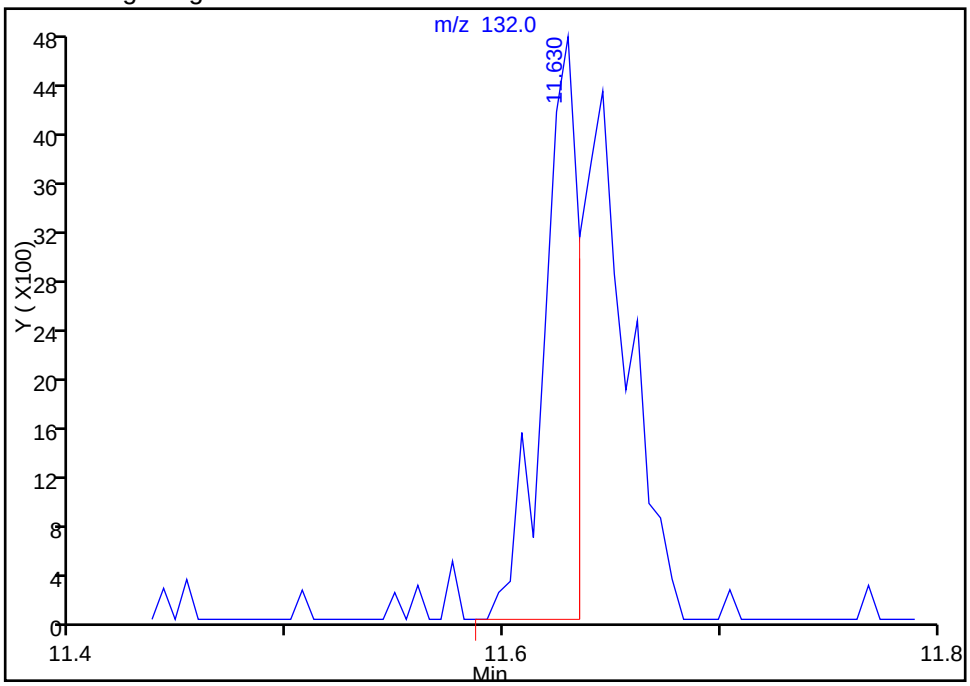
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

57 Trichloroethene, CAS: 79-01-6

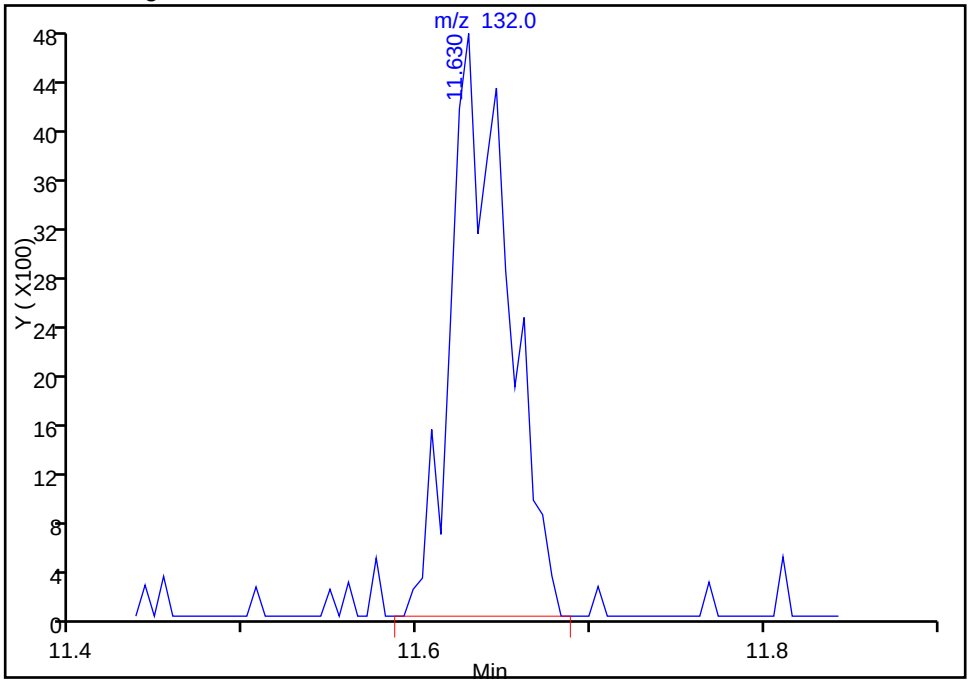
Processing Integration Results

RT: 11.63
Area: 5498
Amount: 0.075774
Amount Units: ppb v/v



Manual Integration Results

RT: 11.63
Area: 11057
Amount: 0.164850
Amount Units: ppb v/v



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TestAmerica Burlington

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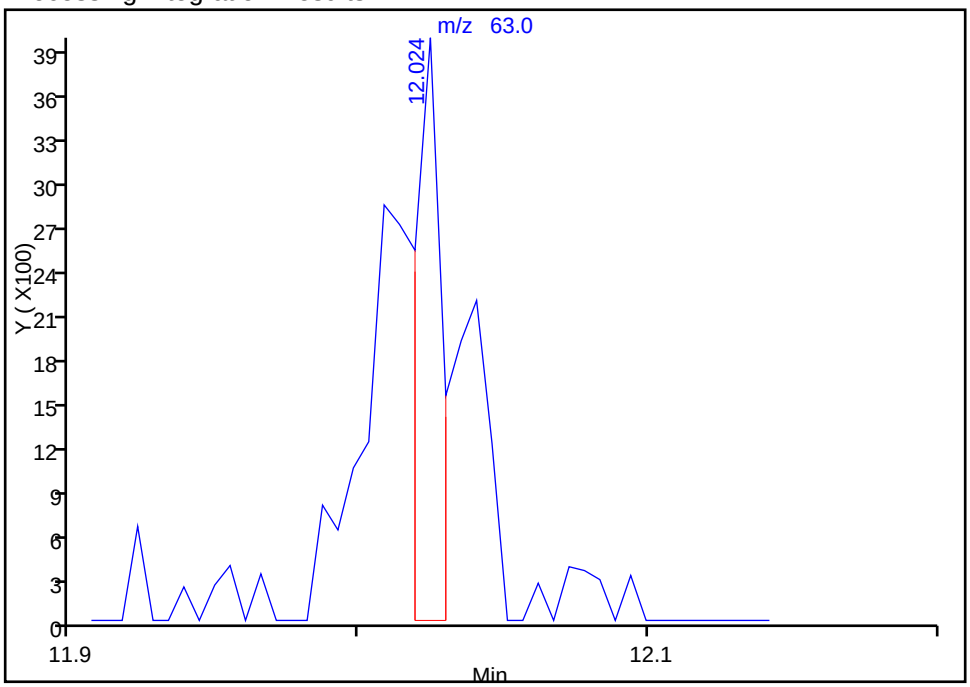
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

58 1,2-Dichloropropane, CAS: 78-87-5

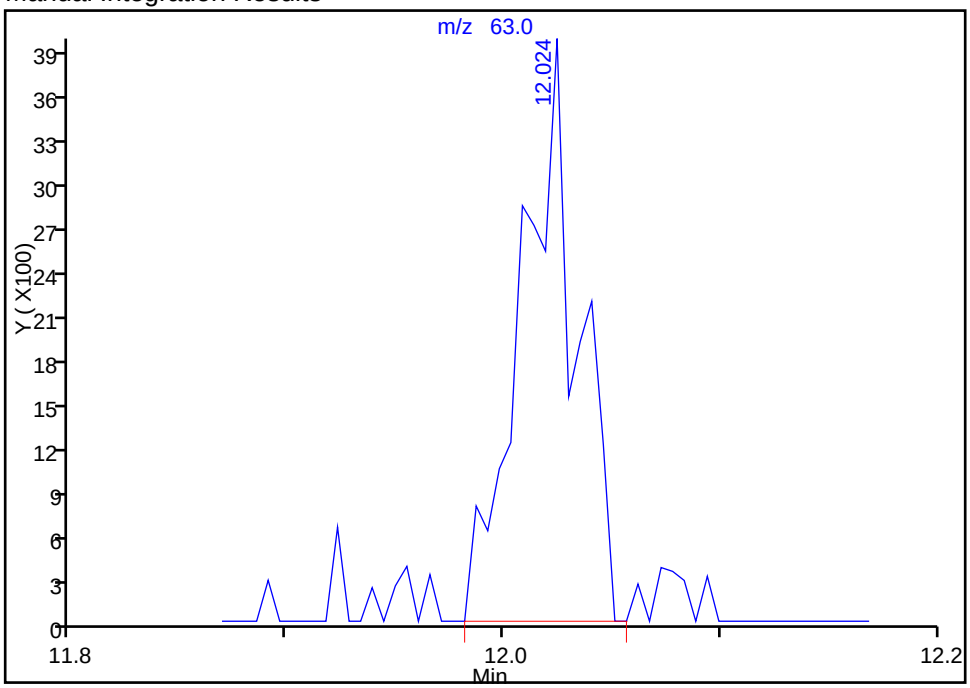
Processing Integration Results

RT: 12.02
Area: 2540
Amount: 0.068860
Amount Units: ppb v/v



Manual Integration Results

RT: 12.02
Area: 7129
Amount: 0.177529
Amount Units: ppb v/v



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Manual Integration/User Assign Peak Report

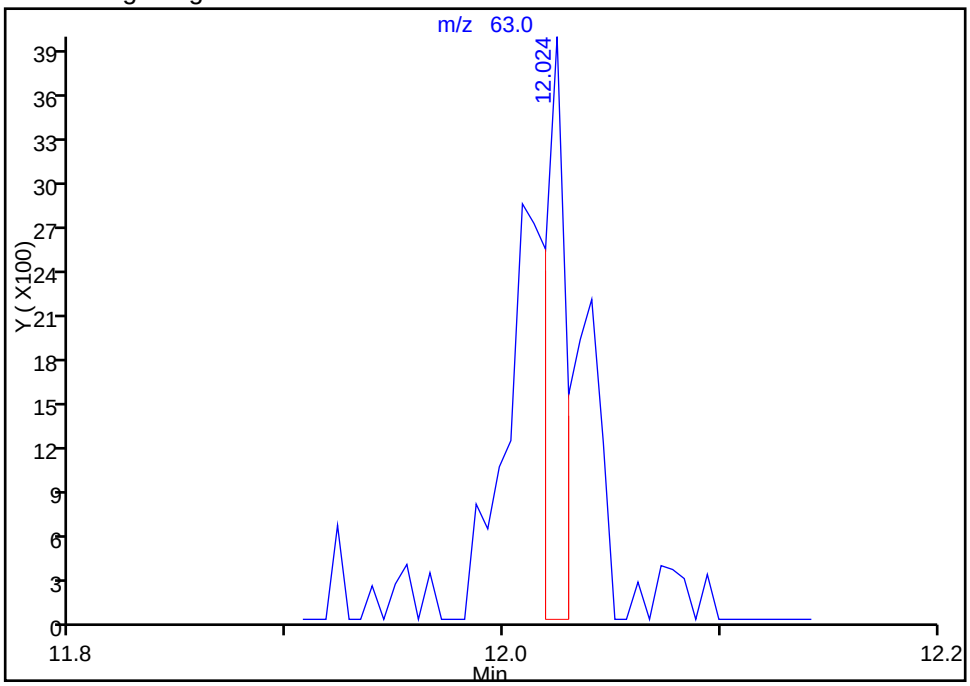
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

58 1,2-Dichloropropane, CAS: 78-87-5

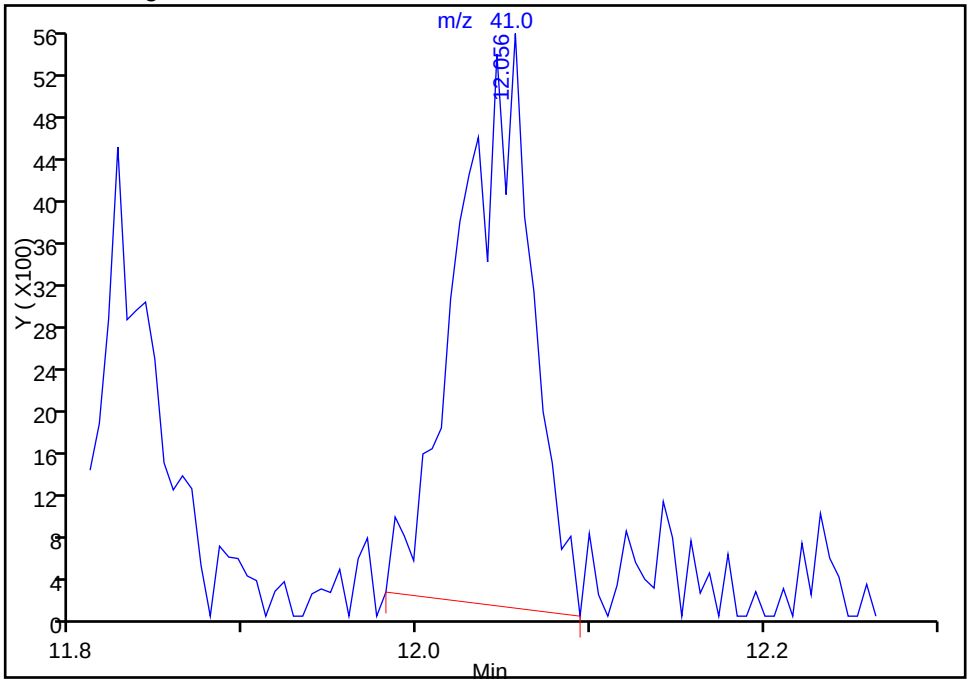
Processing Integration Results

RT: 12.02
Area: 0
Amount: 0.068860
Amount Units: ppb v/v



Manual Integration Results

RT: 12.06
Area: 16175
Amount: 0.177529
Amount Units: ppb v/v



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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

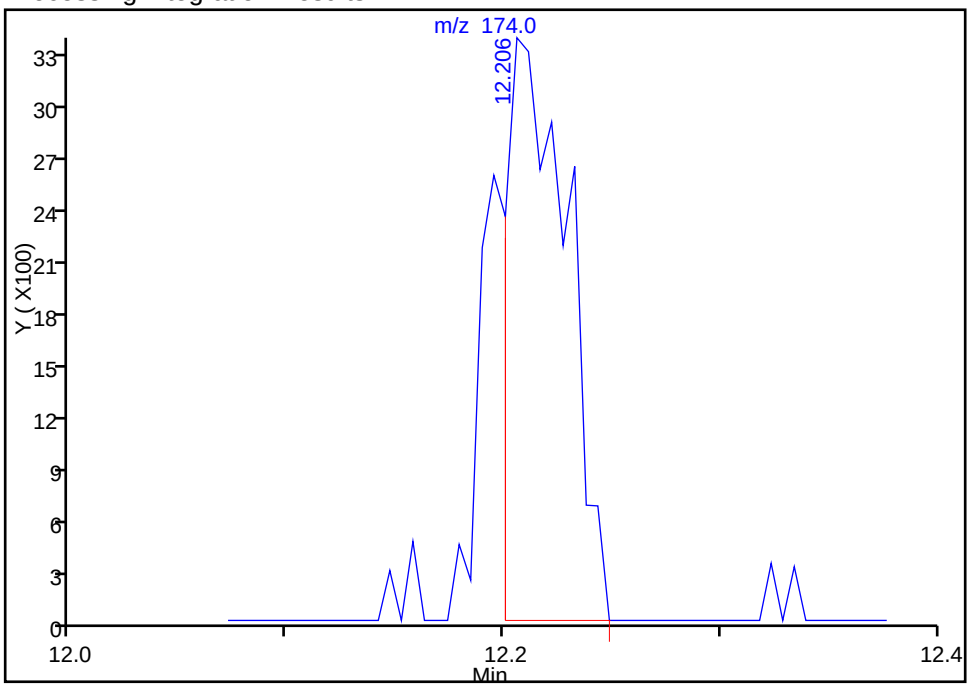
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

61 Dibromomethane, CAS: 74-95-3

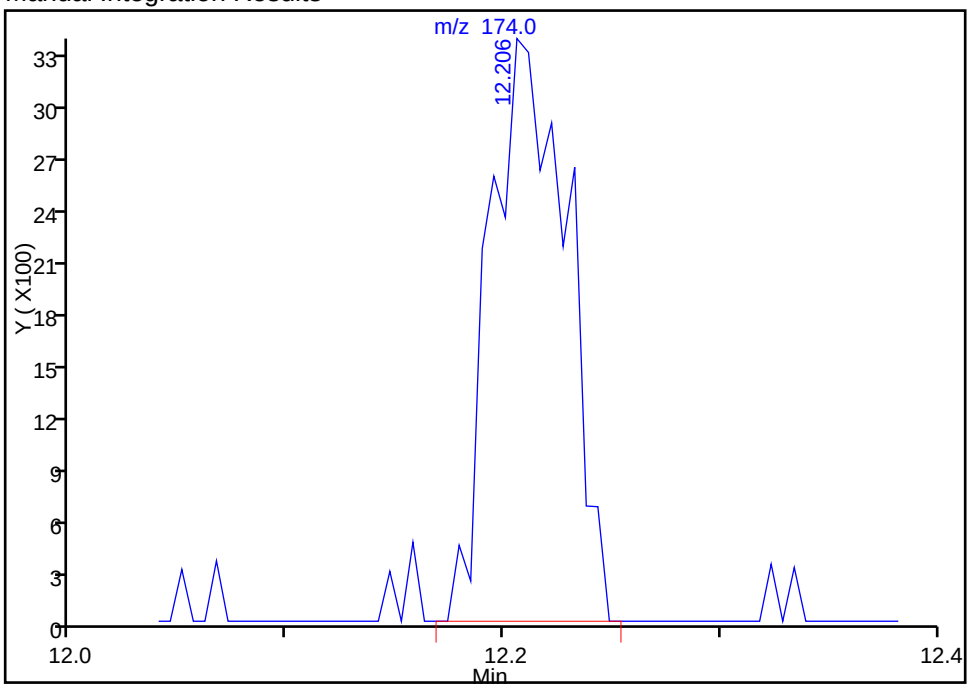
Processing Integration Results

RT: 12.21
Area: 6476
Amount: 0.118668
Amount Units: ppb v/v



Manual Integration Results

RT: 12.21
Area: 8172
Amount: 0.146500
Amount Units: ppb v/v



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Manual Integration/User Assign Peak Report

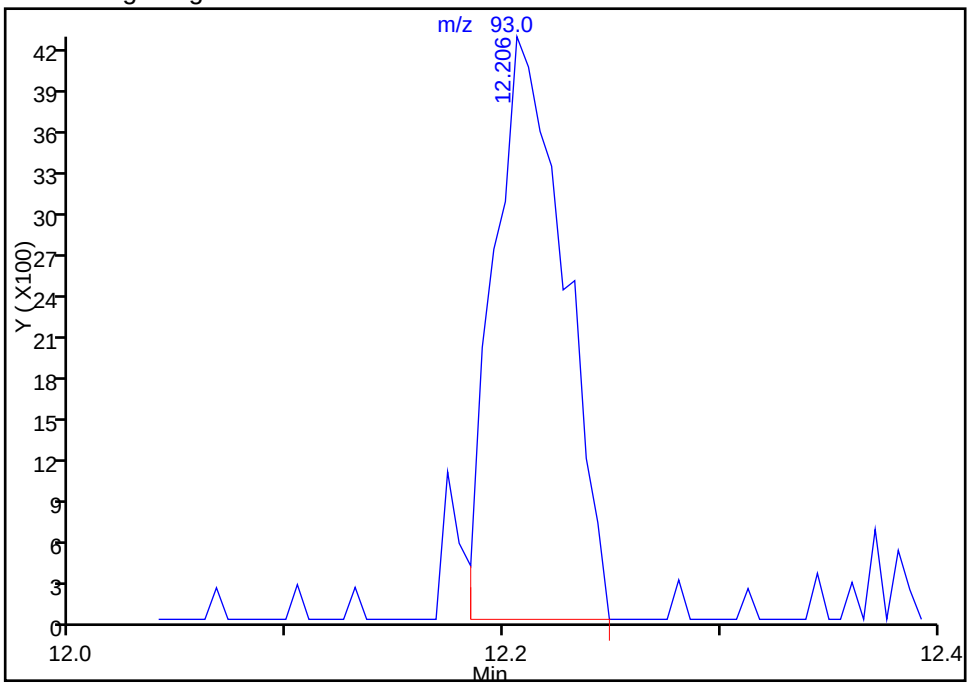
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

61 Dibromomethane, CAS: 74-95-3

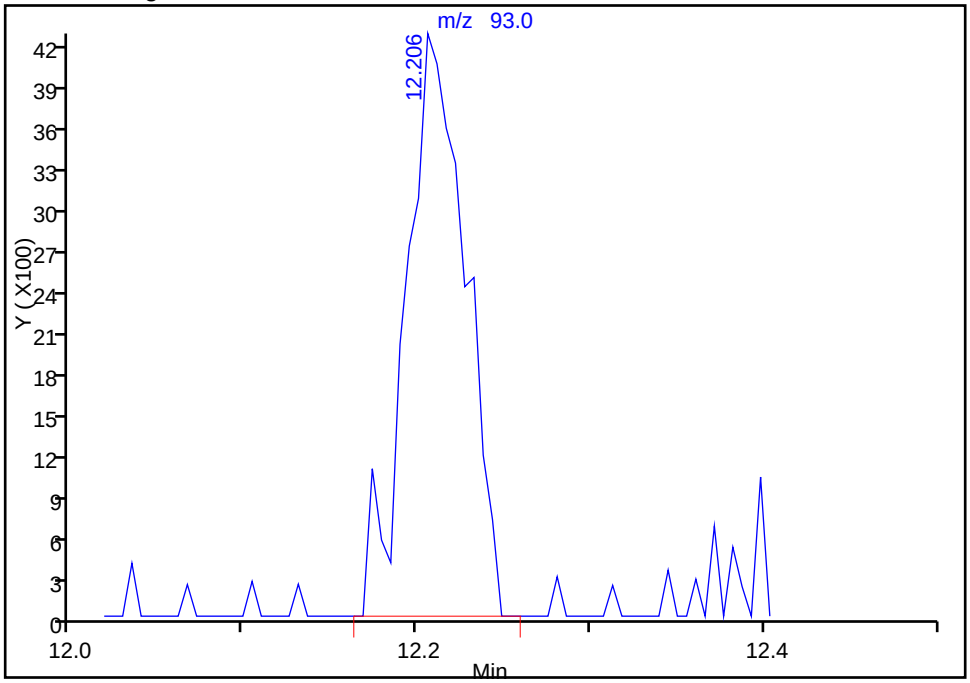
Processing Integration Results

RT: 12.21
Area: 9592
Amount: 0.118668
Amount Units: ppb v/v



Manual Integration Results

RT: 12.21
Area: 10112
Amount: 0.146500
Amount Units: ppb v/v



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Manual Integration/User Assign Peak Report

TestAmerica Burlington

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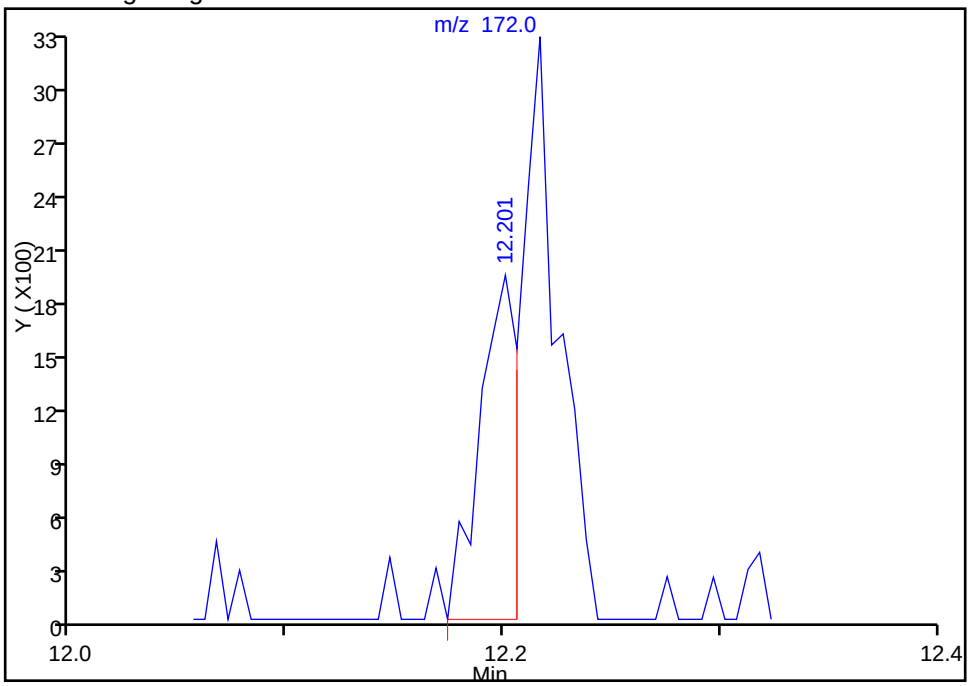
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

61 Dibromomethane, CAS: 74-95-3

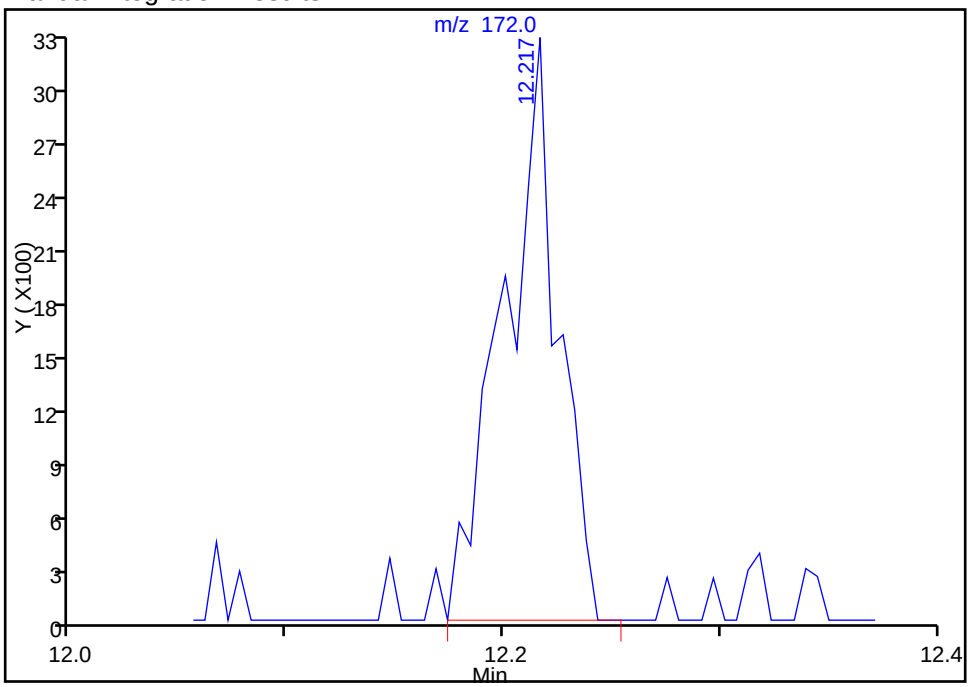
Processing Integration Results

RT: 12.20
Area: 2336
Amount: 0.118668
Amount Units: ppb v/v



Manual Integration Results

RT: 12.22
Area: 5672
Amount: 0.146500
Amount Units: ppb v/v



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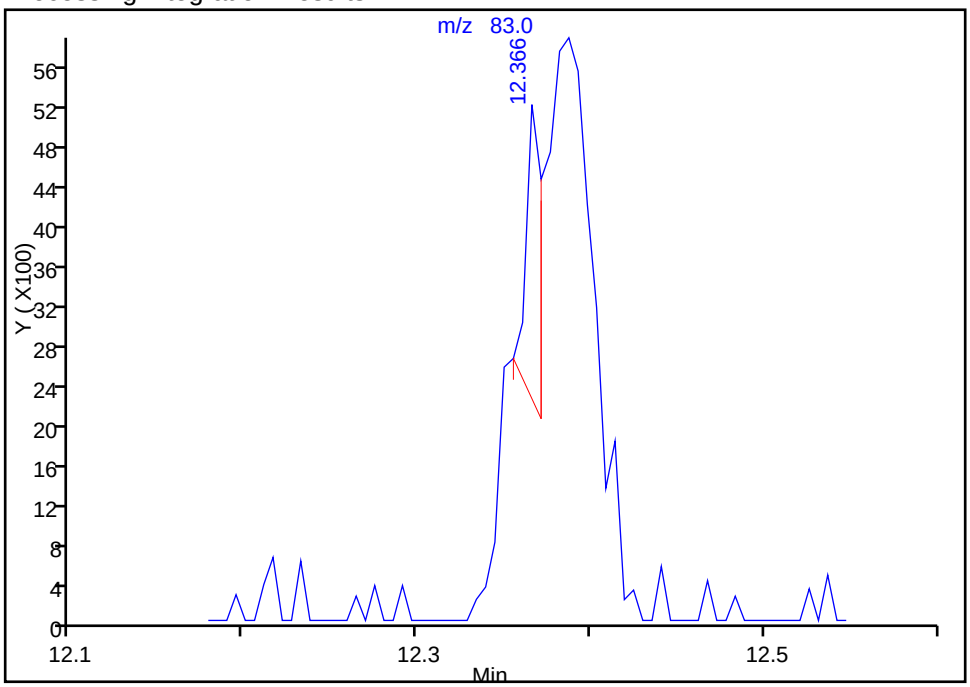
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

62 Dichlorobromomethane, CAS: 75-27-4

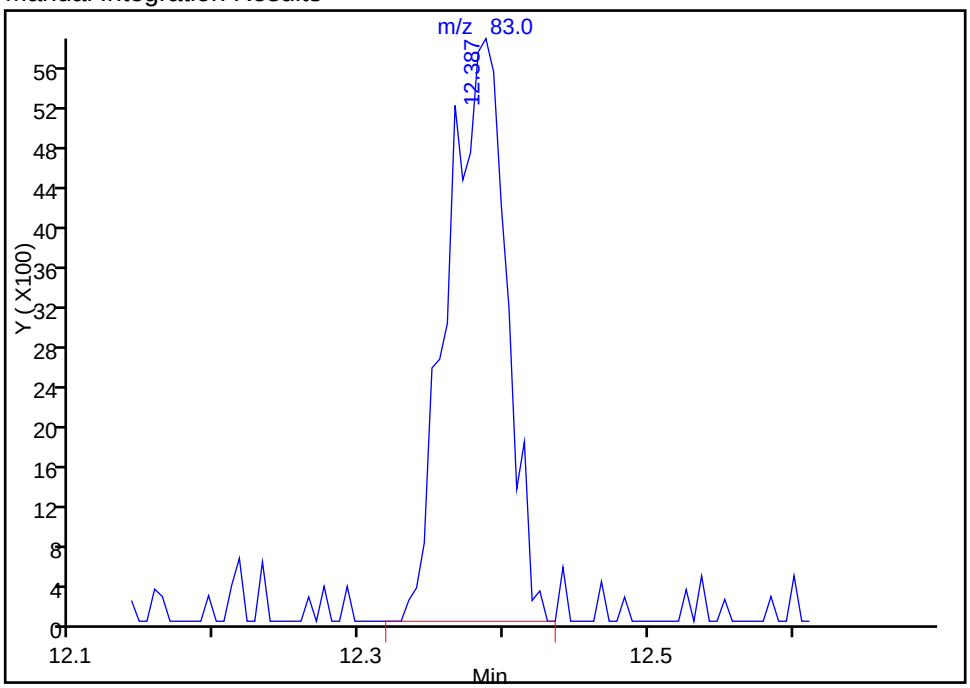
Processing Integration Results

RT: 12.37
Area: 1880
Amount: 0.021675
Amount Units: ppb v/v



Manual Integration Results

RT: 12.39
Area: 16464
Amount: 0.169504
Amount Units: ppb v/v



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TestAmerica Burlington

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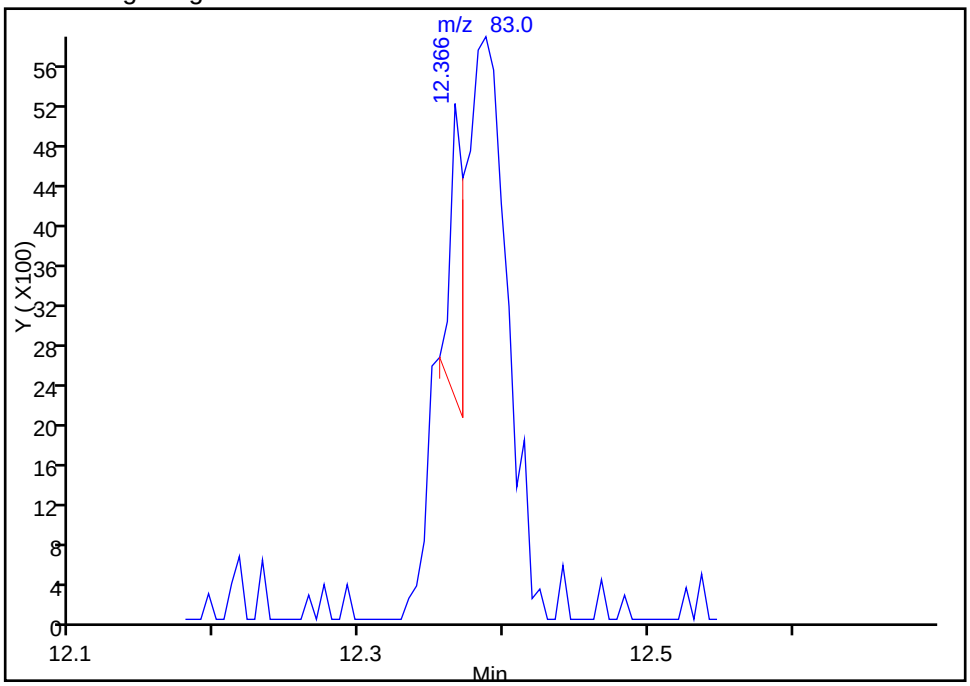
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

62 Dichlorobromomethane, CAS: 75-27-4

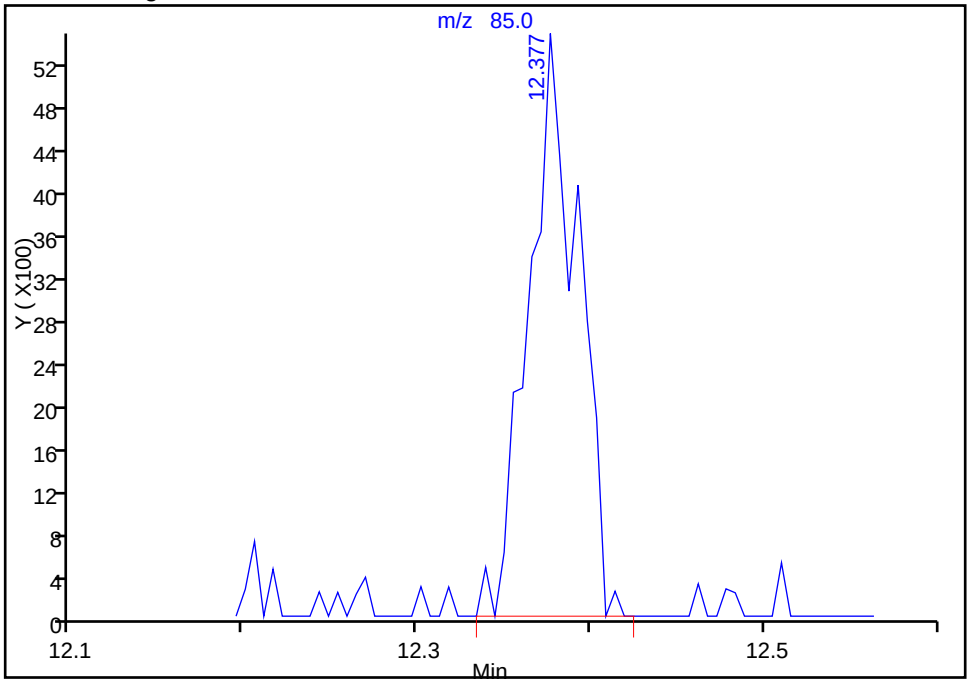
Processing Integration Results

RT: 12.38
Area: 0
Amount: 0.021675
Amount Units: ppb v/v



Manual Integration Results

RT: 12.38
Area: 10881
Amount: 0.169504
Amount Units: ppb v/v



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Manual Integration/User Assign Peak Report

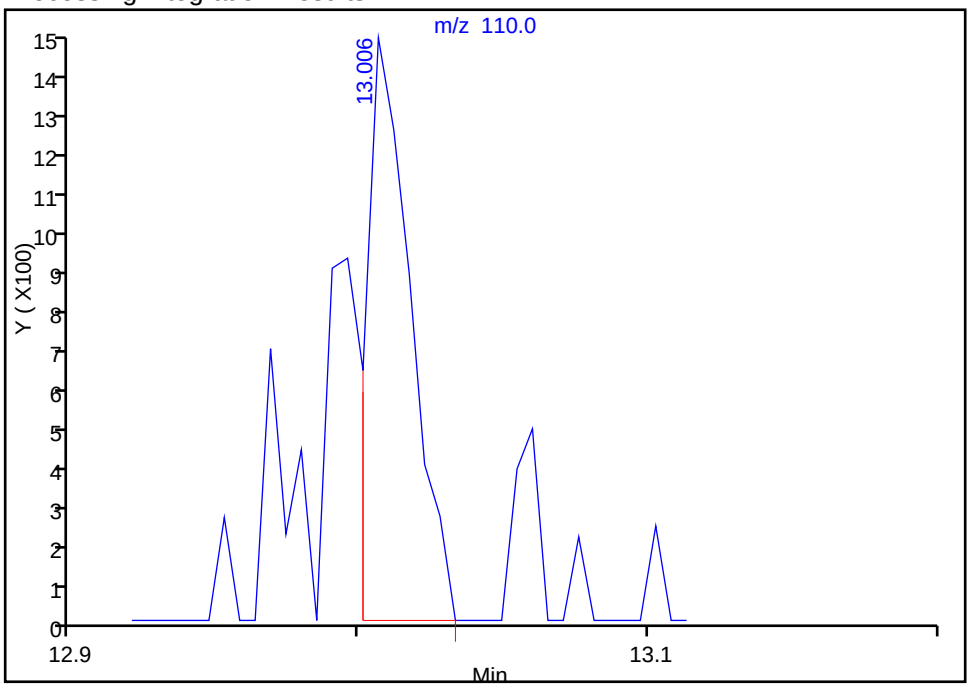
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

64 cis-1,3-Dichloropropene, CAS: 10061-01-5

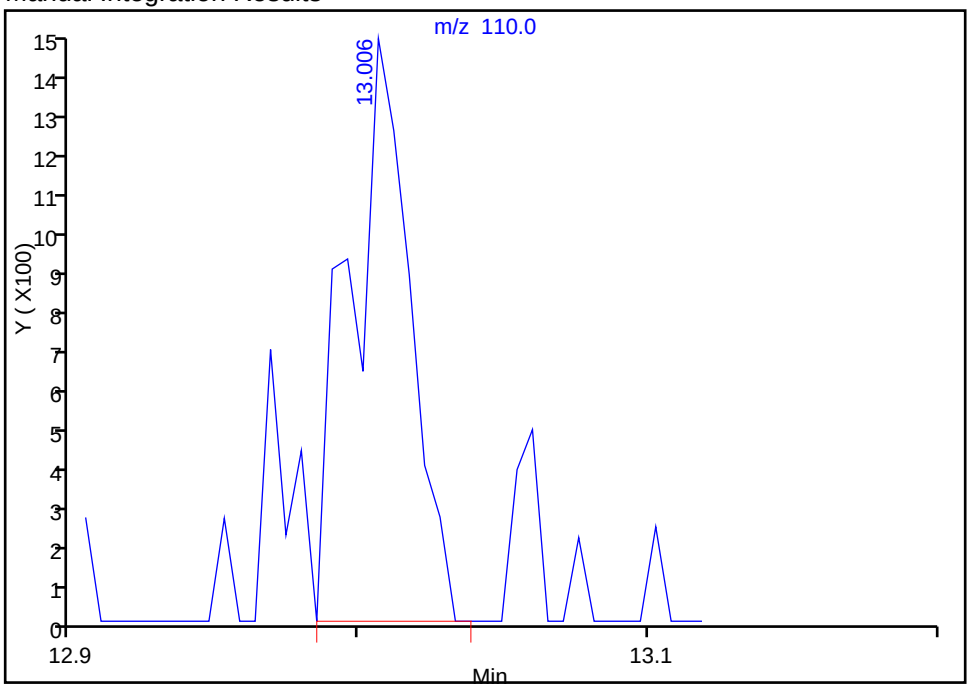
Processing Integration Results

RT: 13.01
Area: 1590
Amount: 0.172453
Amount Units: ppb v/v



Manual Integration Results

RT: 13.01
Area: 2179
Amount: 0.172453
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:33:09
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

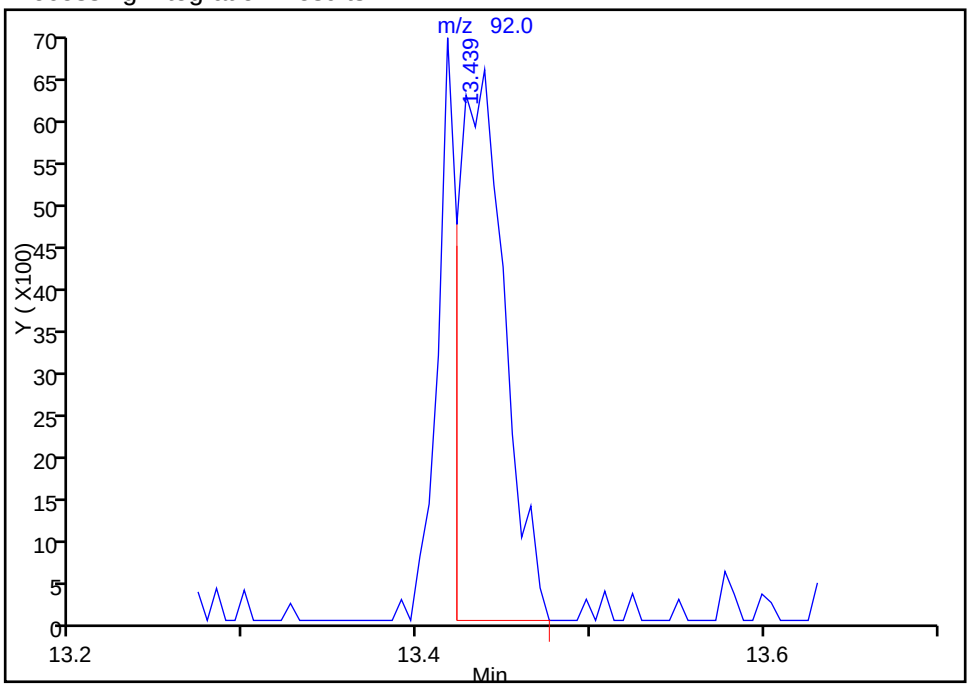
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Toluene, CAS: 108-88-3

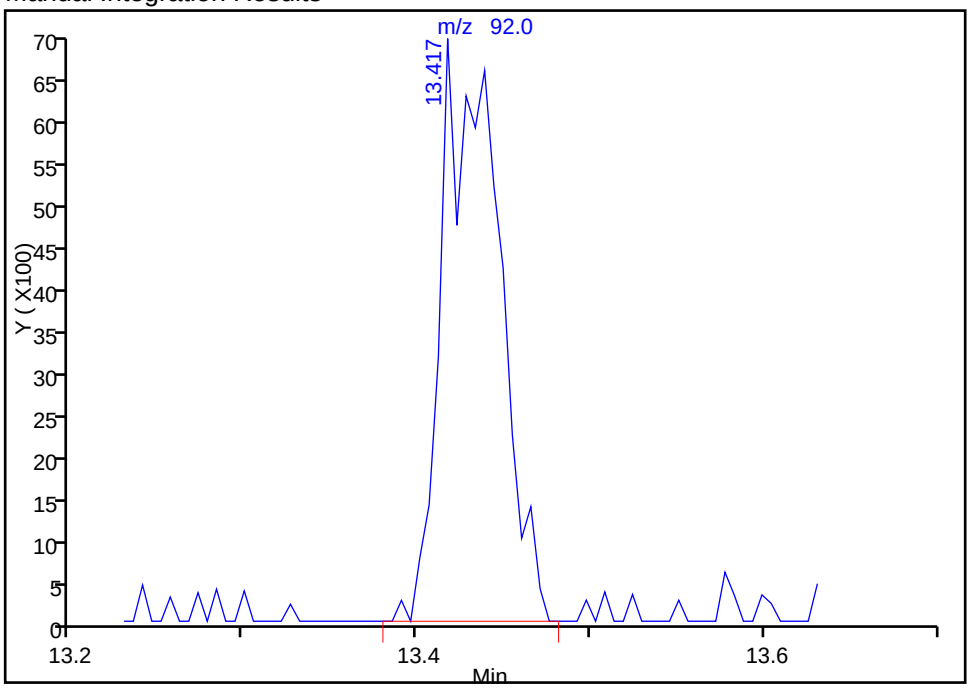
Processing Integration Results

RT: 13.44
Area: 12055
Amount: 0.145587
Amount Units: ppb v/v



Manual Integration Results

RT: 13.42
Area: 16043
Amount: 0.187319
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

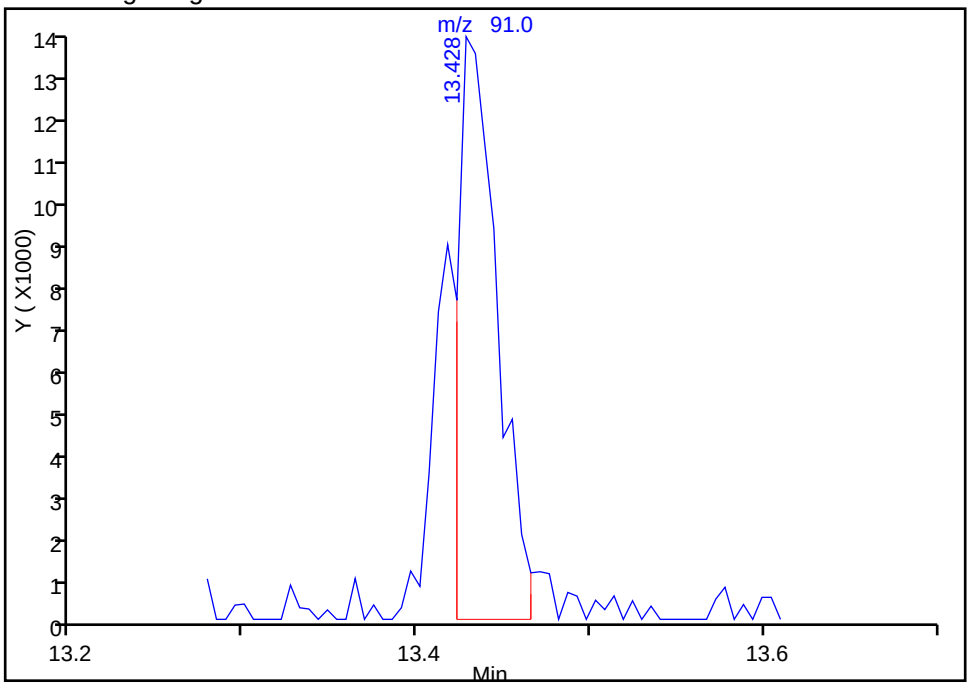
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Toluene, CAS: 108-88-3

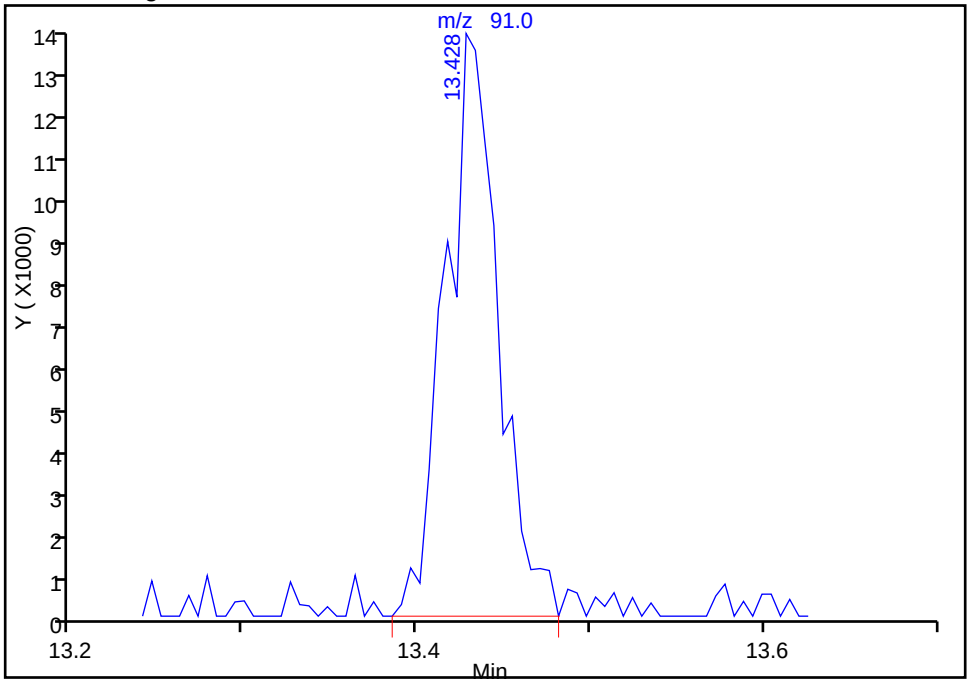
Processing Integration Results

RT: 13.43
Area: 20407
Amount: 0.145587
Amount Units: ppb v/v



Manual Integration Results

RT: 13.43
Area: 27676
Amount: 0.187319
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

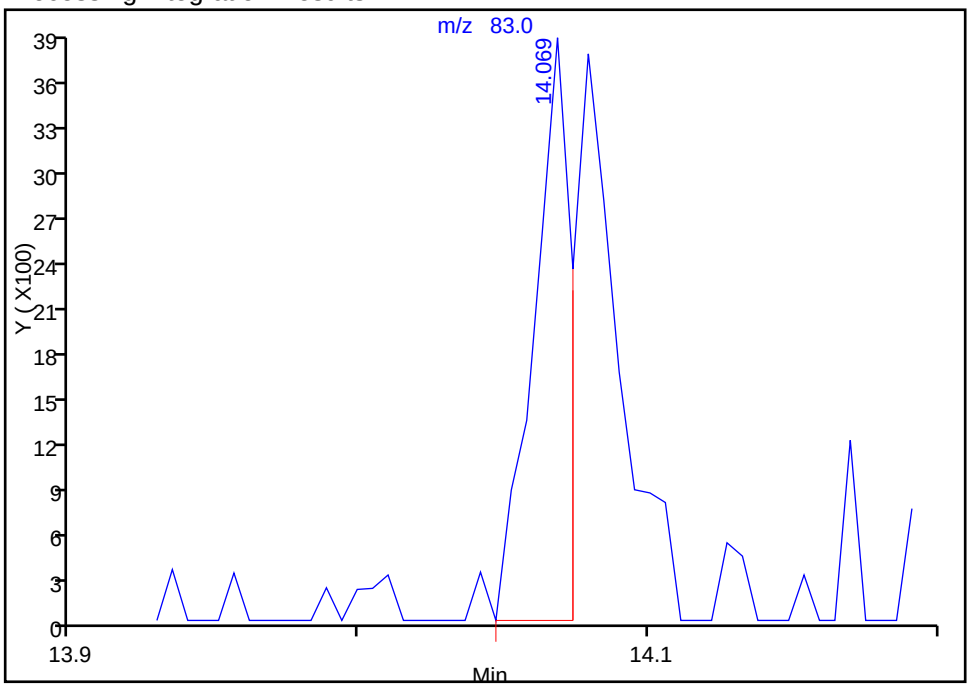
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

71 1,1,2-Trichloroethane, CAS: 79-00-5

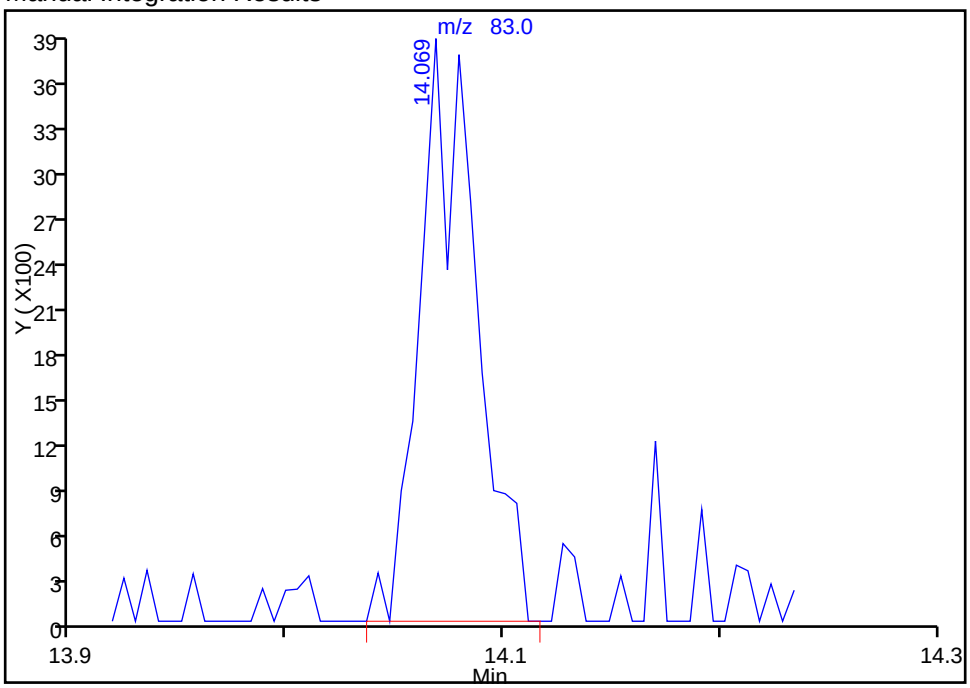
Processing Integration Results

RT: 14.07
Area: 3479
Amount: 0.091931
Amount Units: ppb v/v



Manual Integration Results

RT: 14.07
Area: 6977
Amount: 0.172969
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

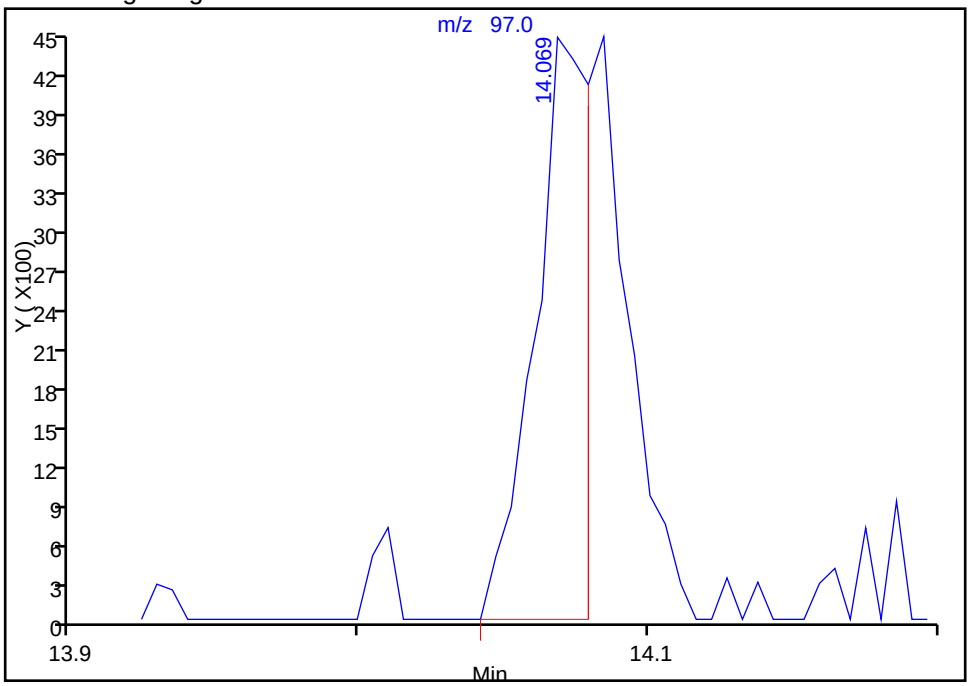
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

71 1,1,2-Trichloroethane, CAS: 79-00-5

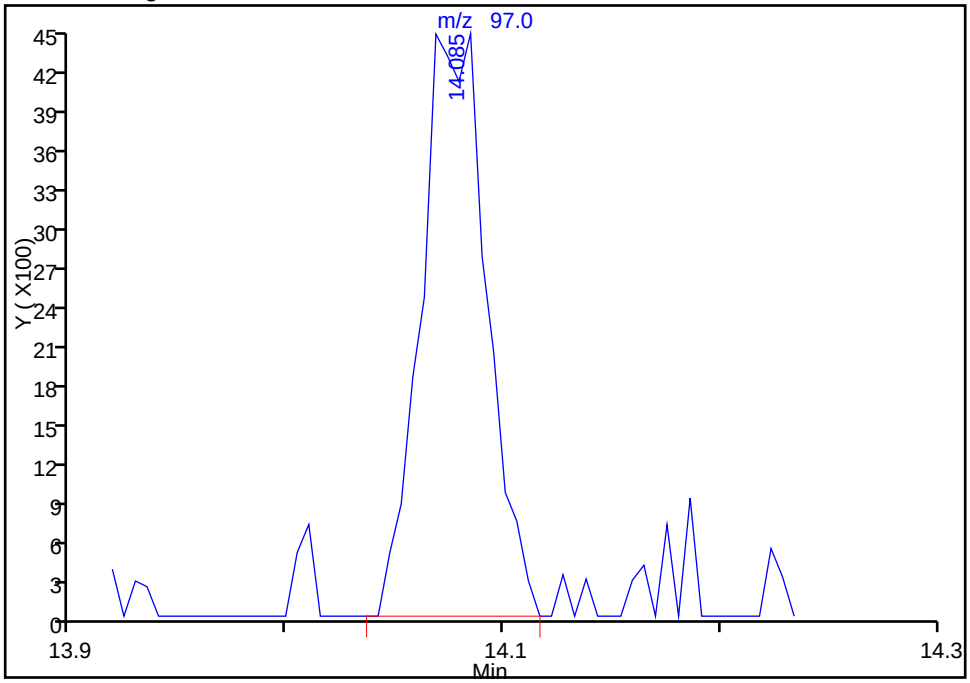
Processing Integration Results

RT: 14.07
Area: 5923
Amount: 0.091931
Amount Units: ppb v/v



Manual Integration Results

RT: 14.08
Area: 9513
Amount: 0.172969
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

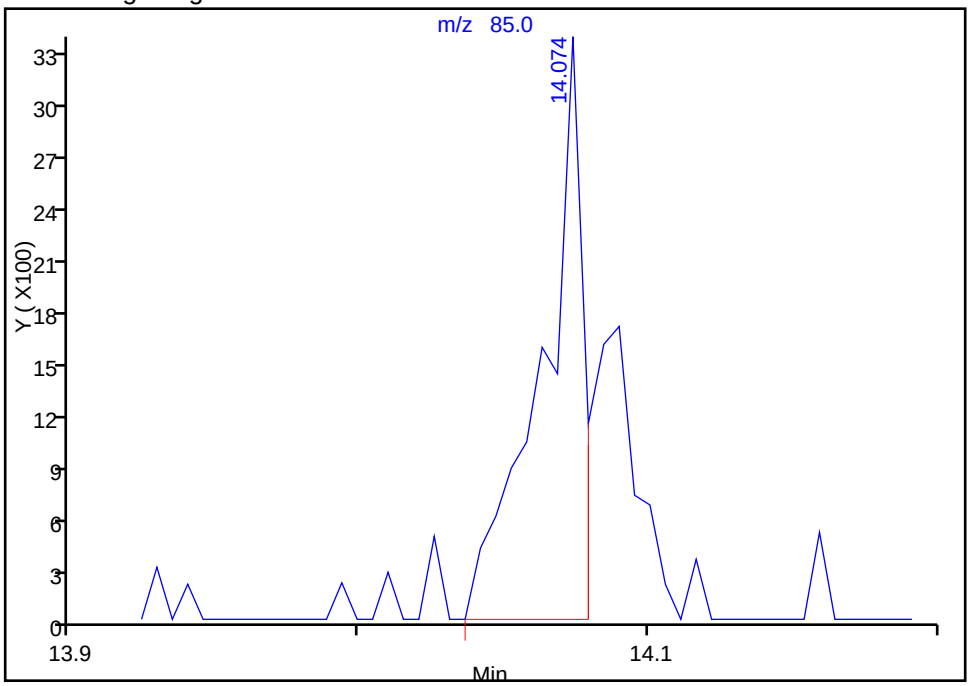
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

71 1,1,2-Trichloroethane, CAS: 79-00-5

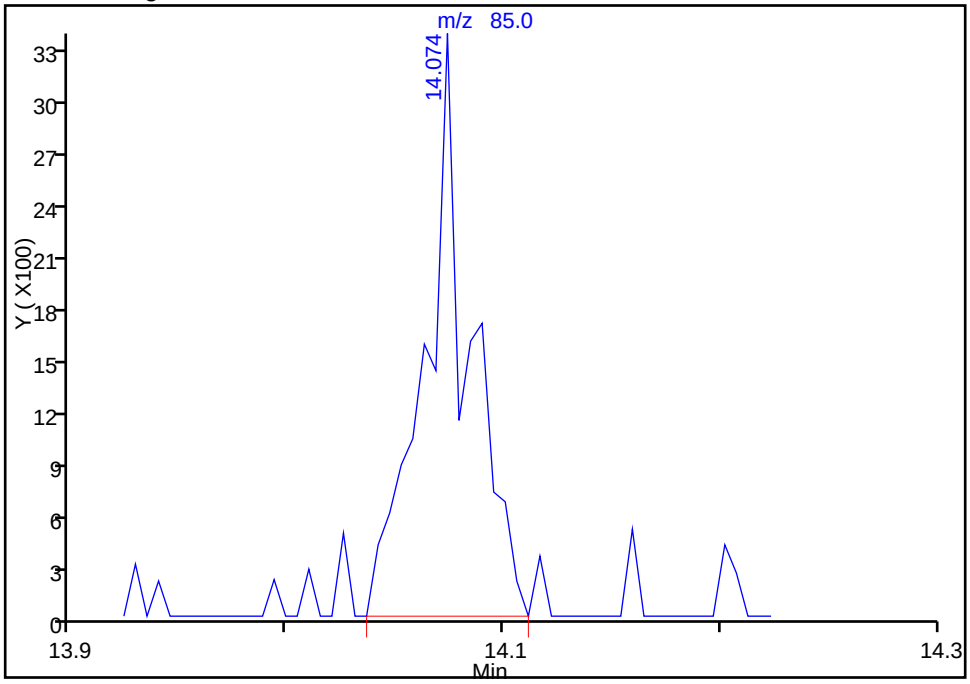
Processing Integration Results

RT: 14.07
Area: 3310
Amount: 0.091931
Amount Units: ppb v/v



Manual Integration Results

RT: 14.07
Area: 4859
Amount: 0.172969
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

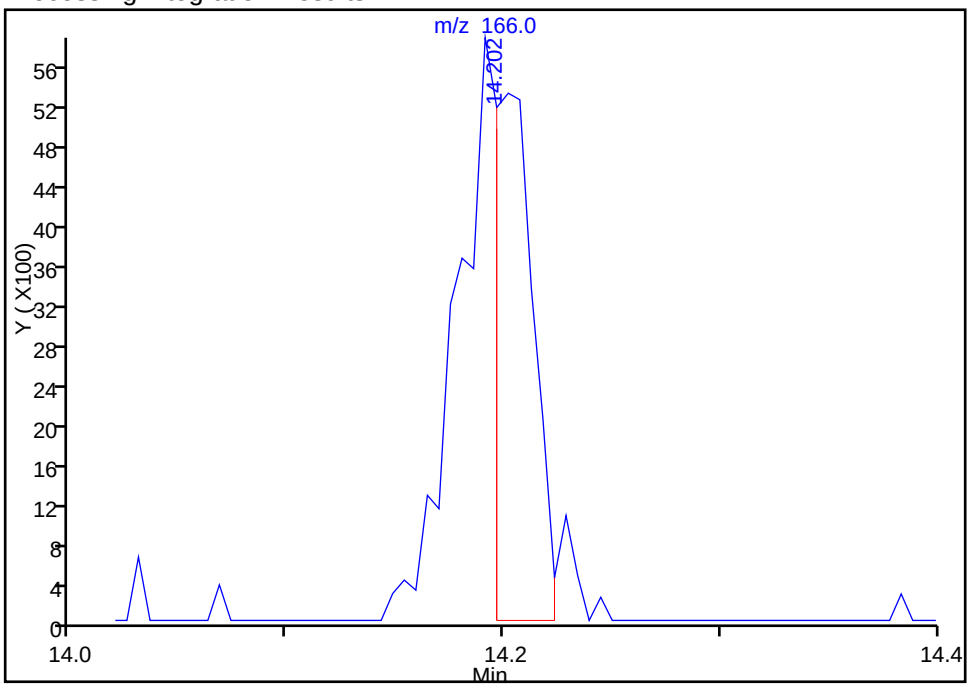
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

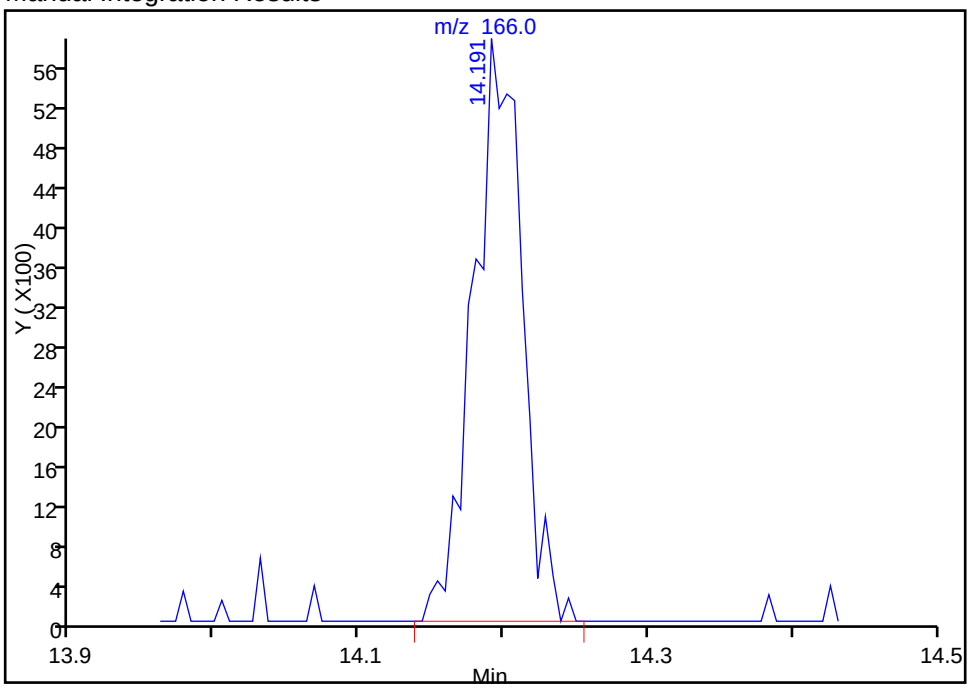
Processing Integration Results

RT: 14.20
Area: 6881
Amount: 0.093490
Amount Units: ppb v/v



Manual Integration Results

RT: 14.19
Area: 13713
Amount: 0.159915
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

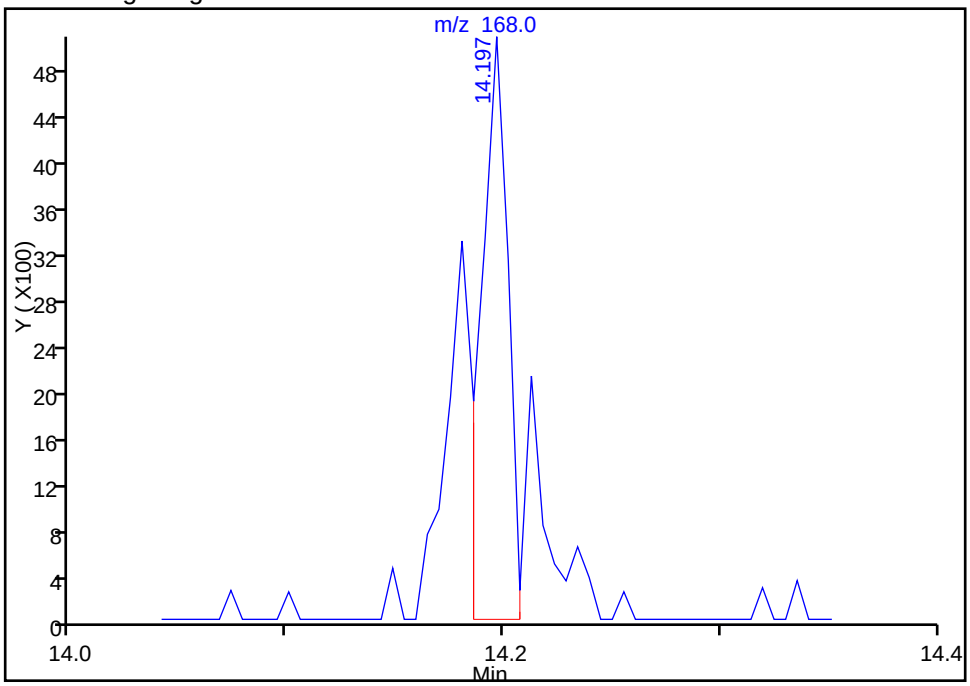
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

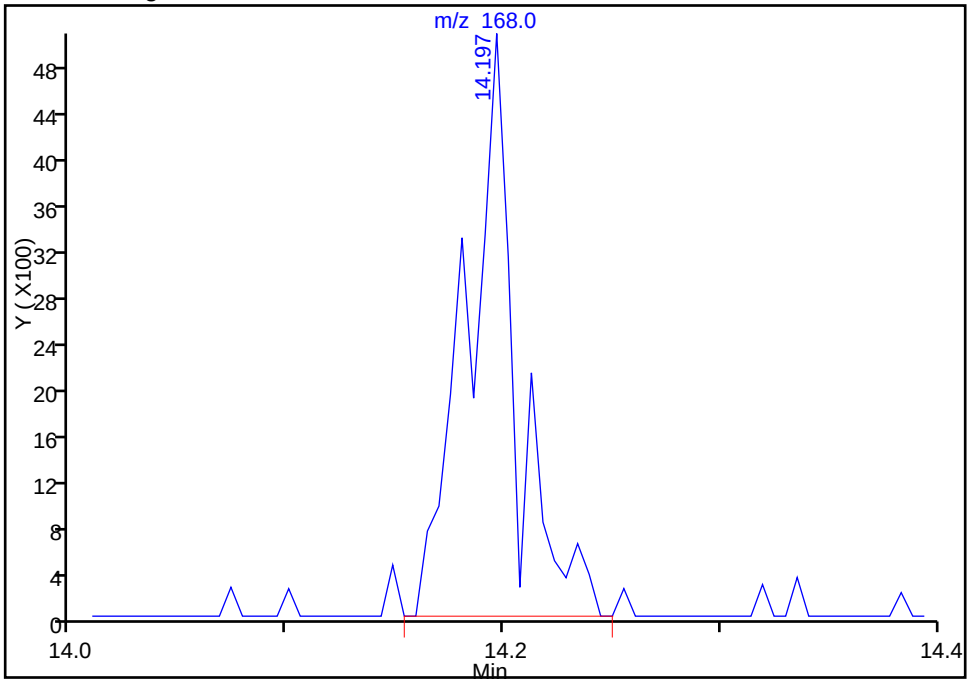
Processing Integration Results

RT: 14.20
Area: 4354
Amount: 0.093490
Amount Units: ppb v/v



Manual Integration Results

RT: 14.20
Area: 8071
Amount: 0.159915
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

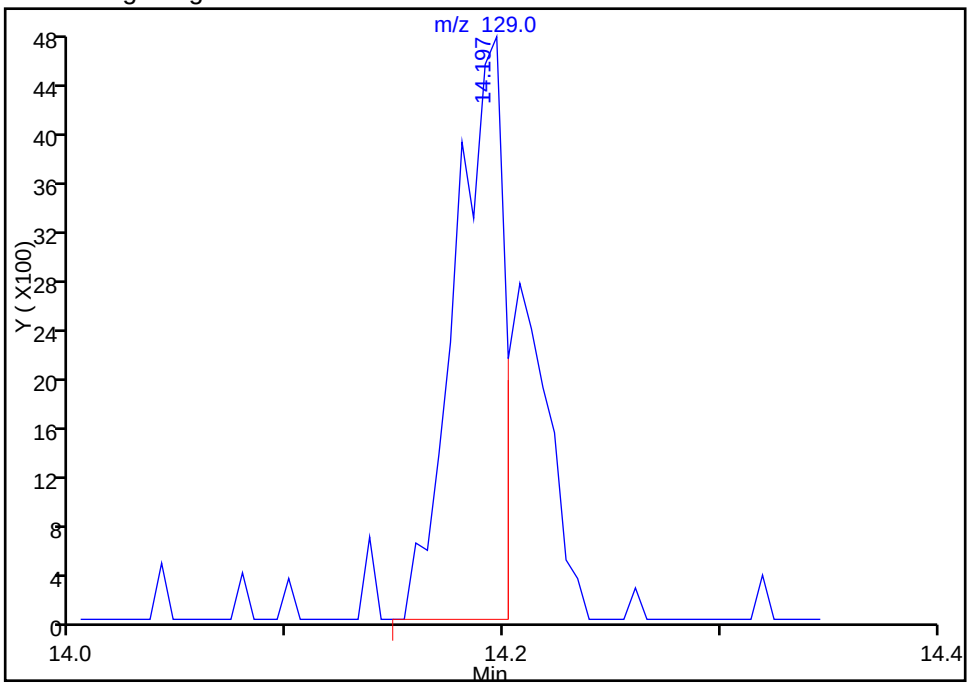
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

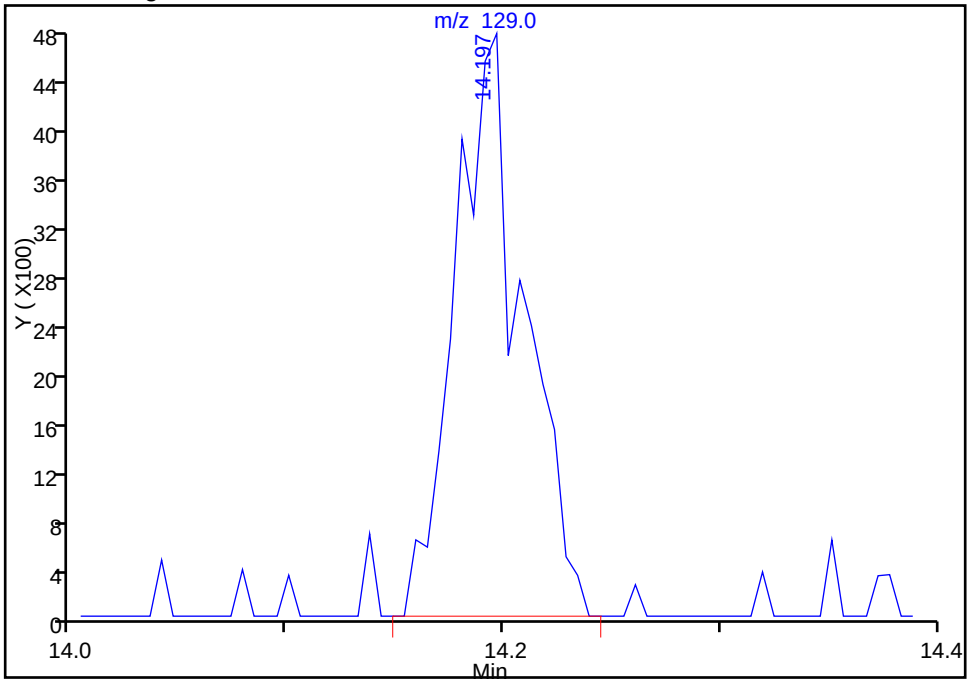
Processing Integration Results

RT: 14.20
Area: 7438
Amount: 0.093490
Amount Units: ppb v/v



Manual Integration Results

RT: 14.20
Area: 10413
Amount: 0.159915
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

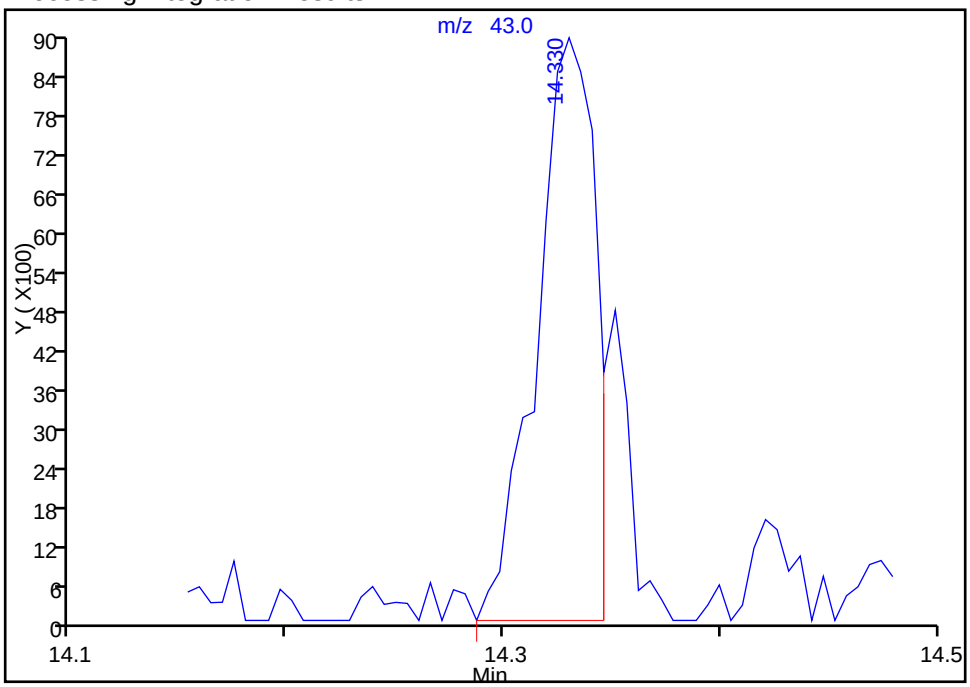
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

73 2-Hexanone, CAS: 591-78-6

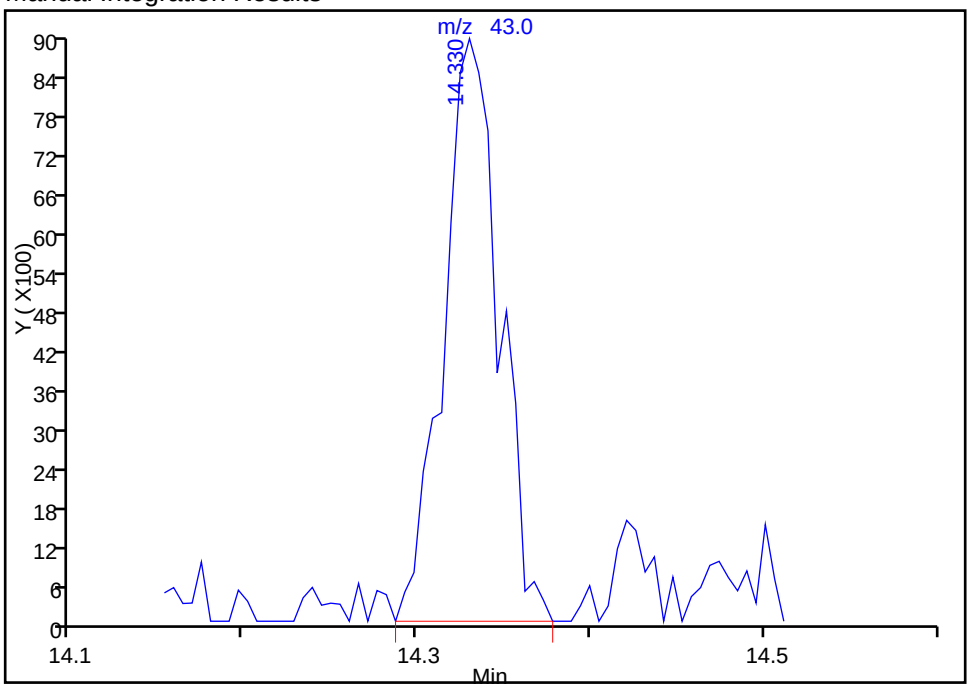
Processing Integration Results

RT: 14.33
Area: 16981
Amount: 0.178811
Amount Units: ppb v/v



Manual Integration Results

RT: 14.33
Area: 20019
Amount: 0.192836
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

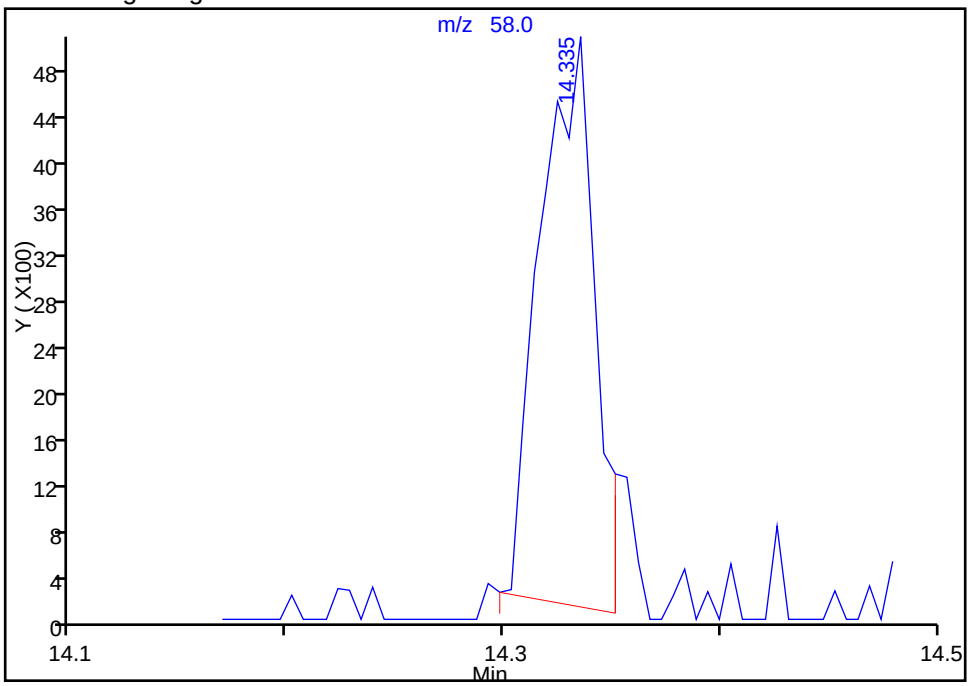
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

73 2-Hexanone, CAS: 591-78-6

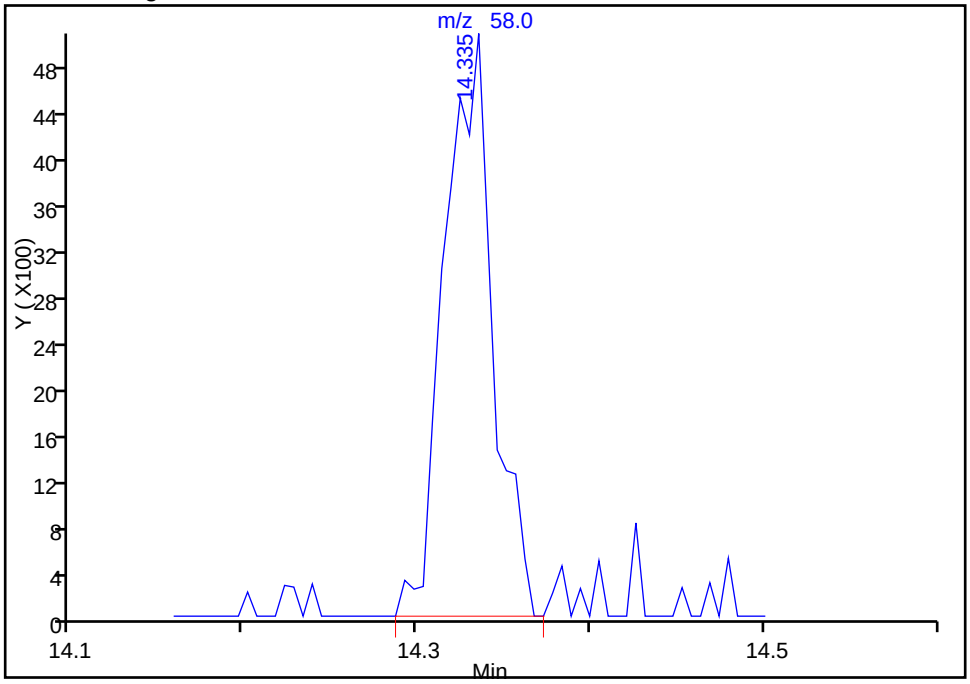
Processing Integration Results

RT: 14.34
Area: 8718
Amount: 0.178811
Amount Units: ppb v/v



Manual Integration Results

RT: 14.34
Area: 9887
Amount: 0.192836
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

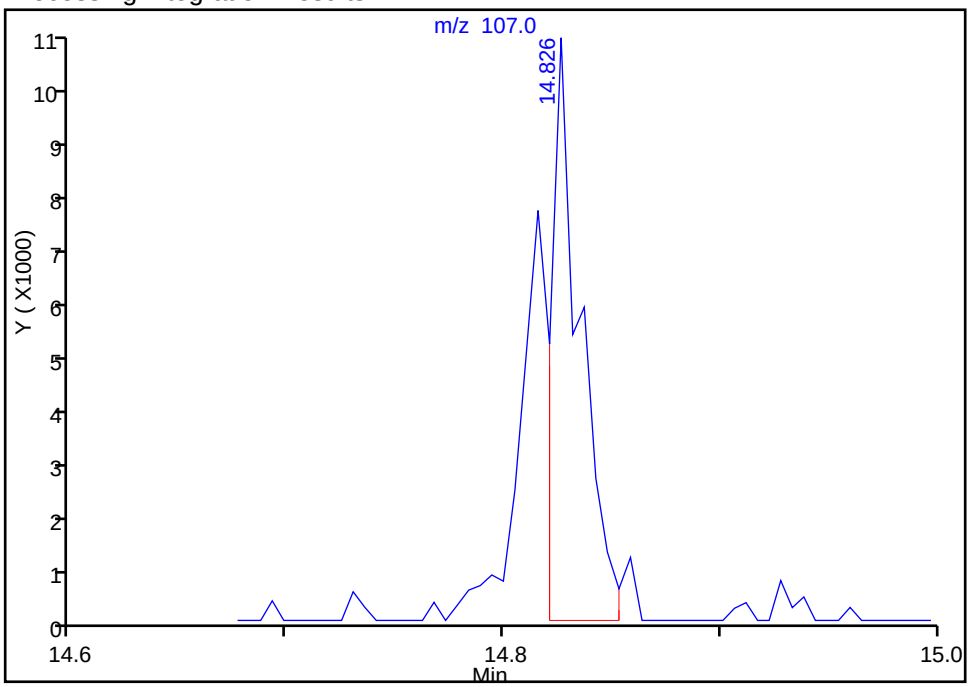
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

75 Ethylene Dibromide, CAS: 106-93-4

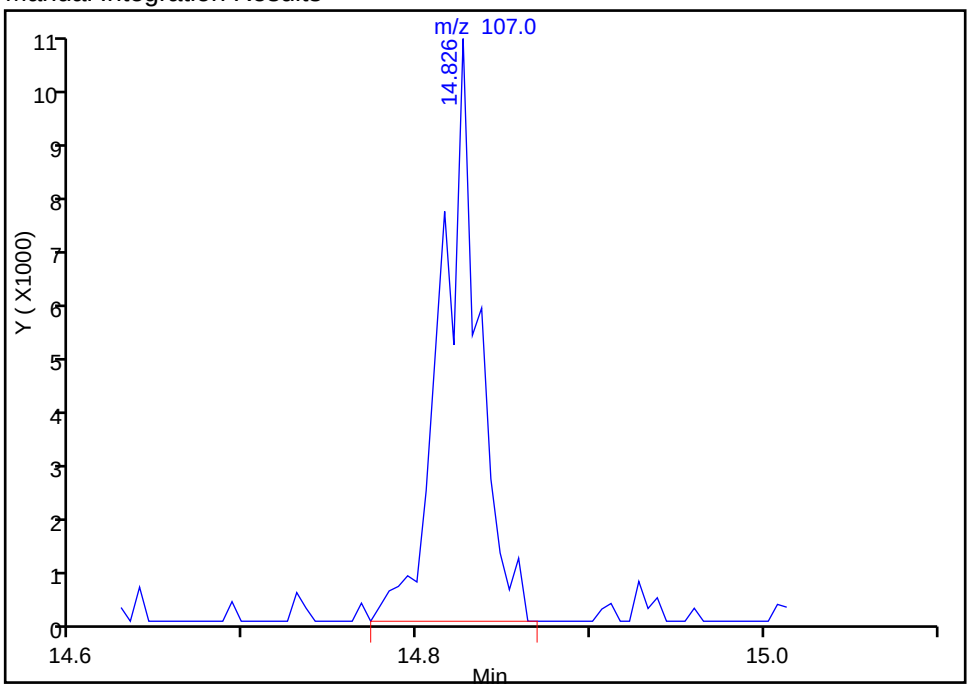
Processing Integration Results

RT: 14.83
Area: 9505
Amount: 0.118184
Amount Units: ppb v/v



Manual Integration Results

RT: 14.83
Area: 15301
Amount: 0.180956
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

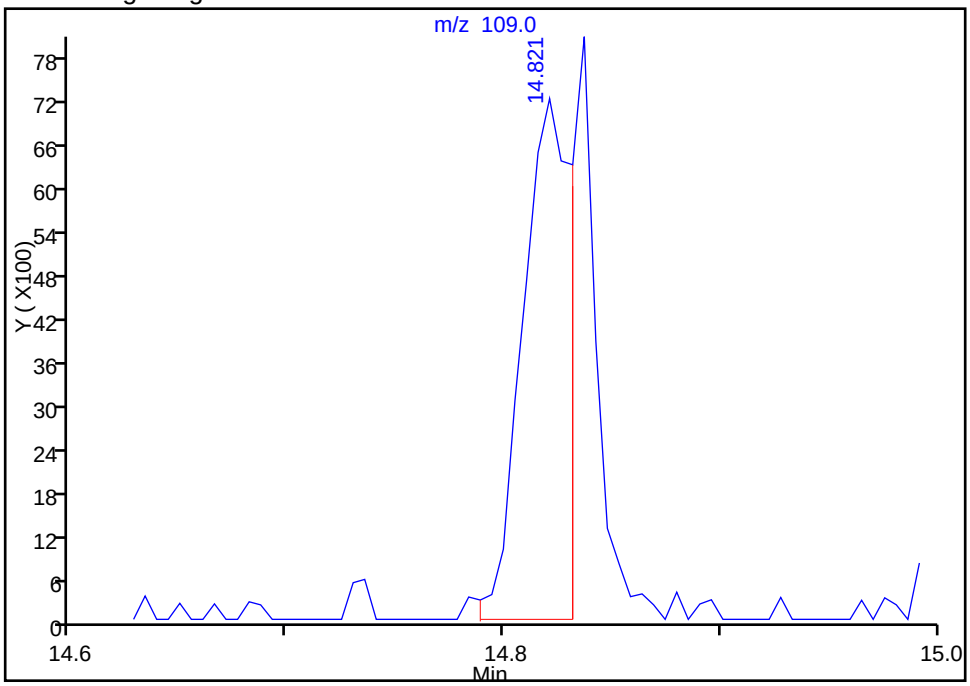
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

75 Ethylene Dibromide, CAS: 106-93-4

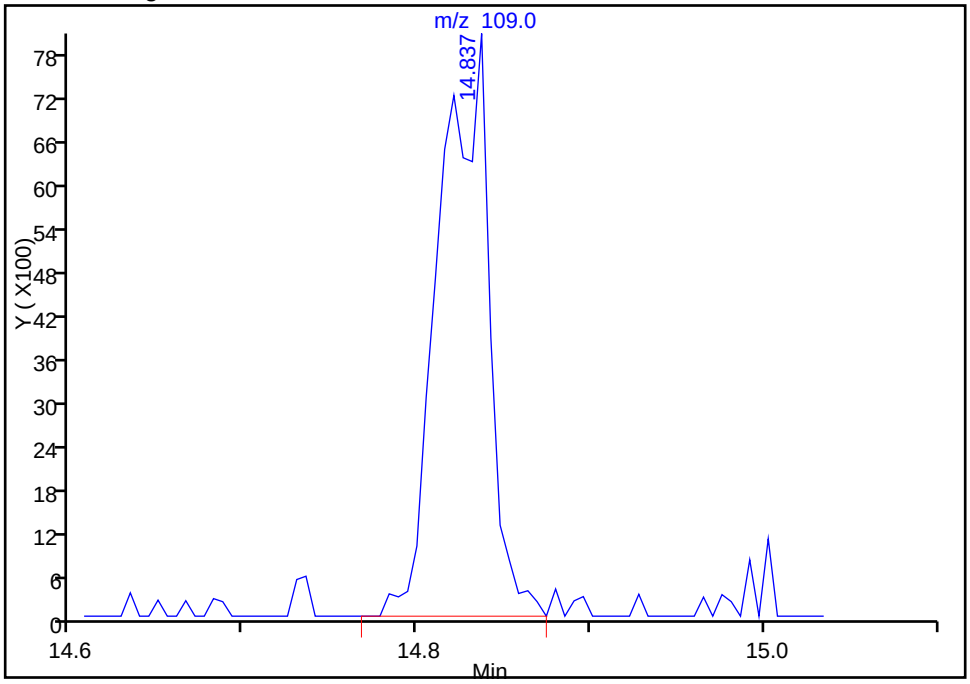
Processing Integration Results

RT: 14.82
Area: 11395
Amount: 0.118184
Amount Units: ppb v/v



Manual Integration Results

RT: 14.84
Area: 16236
Amount: 0.180956
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:37:23
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

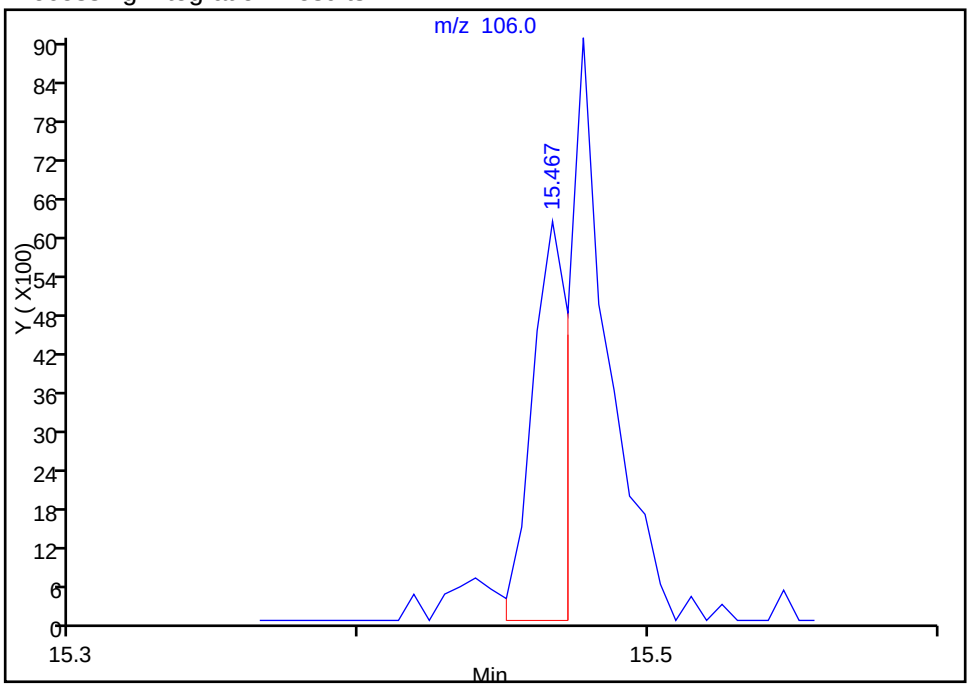
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

79 Ethylbenzene, CAS: 100-41-4

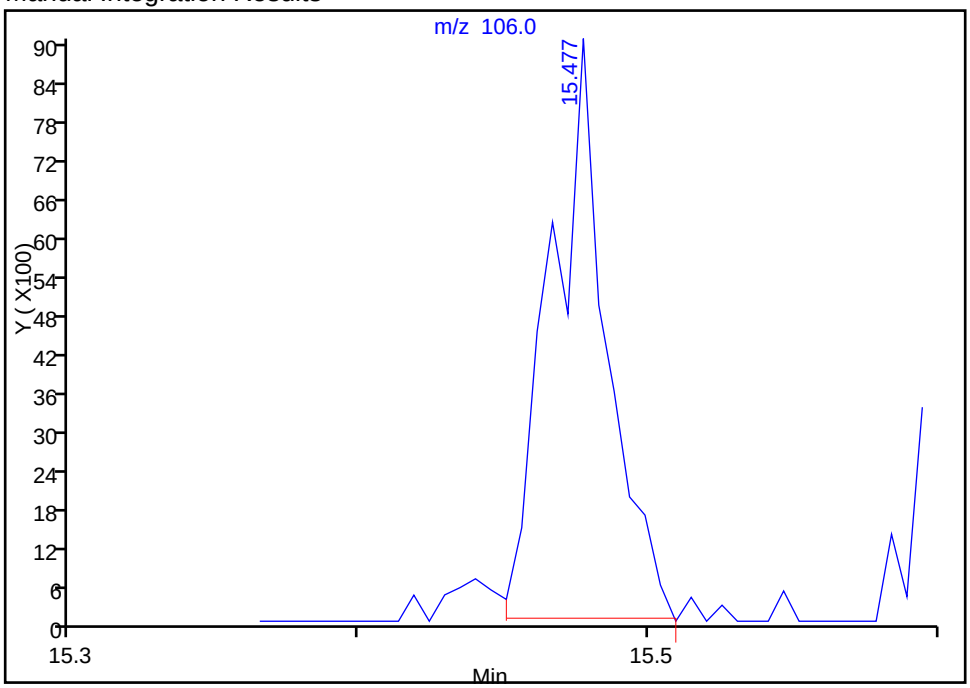
Processing Integration Results

RT: 15.47
Area: 5495
Amount: 0.191942
Amount Units: ppb v/v



Manual Integration Results

RT: 15.48
Area: 12223
Amount: 0.191942
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:33:09
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

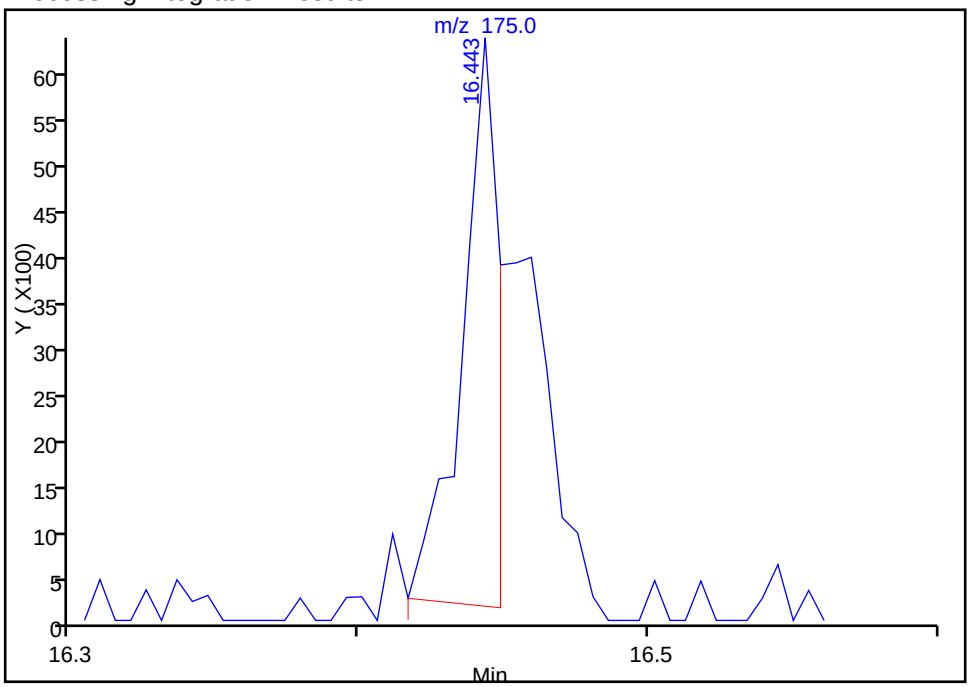
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

84 Bromoform, CAS: 75-25-2

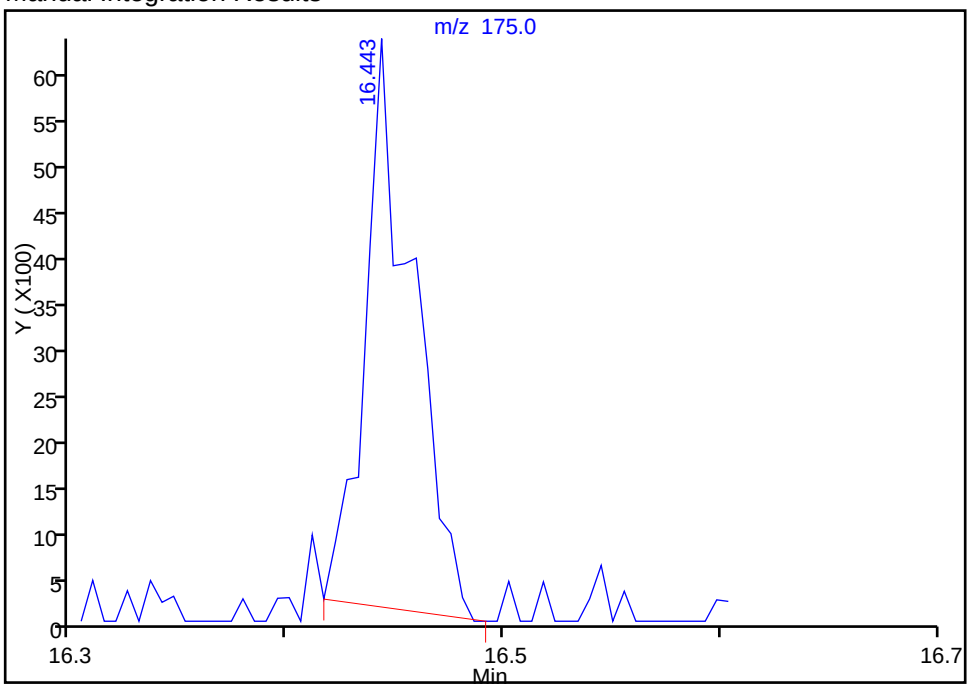
Processing Integration Results

RT: 16.44
Area: 5481
Amount: 0.174637
Amount Units: ppb v/v



Manual Integration Results

RT: 16.44
Area: 9445
Amount: 0.174637
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:33:09
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

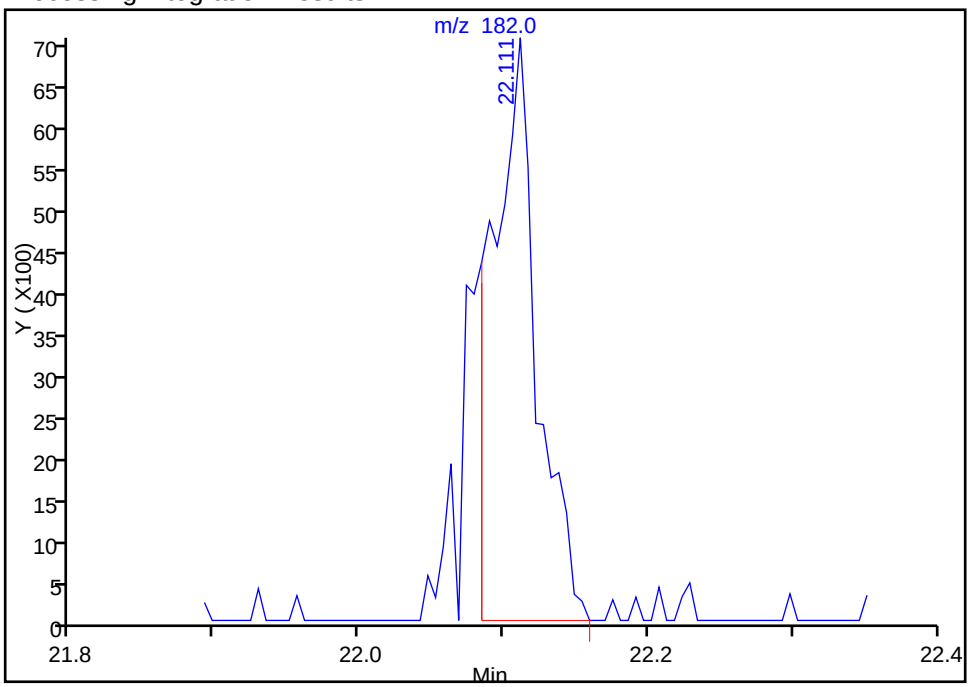
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

110 1,2,3-Trichlorobenzene, CAS: 87-61-6

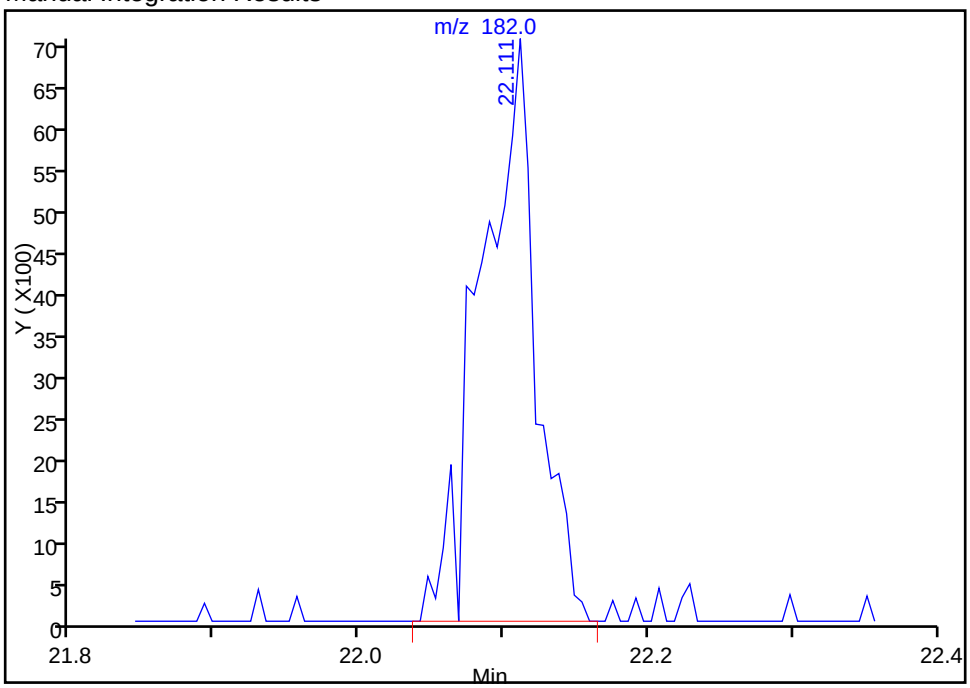
Processing Integration Results

RT: 22.11
Area: 15179
Amount: 0.182613
Amount Units: ppb v/v



Manual Integration Results

RT: 22.11
Area: 18909
Amount: 0.182613
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:33:09
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

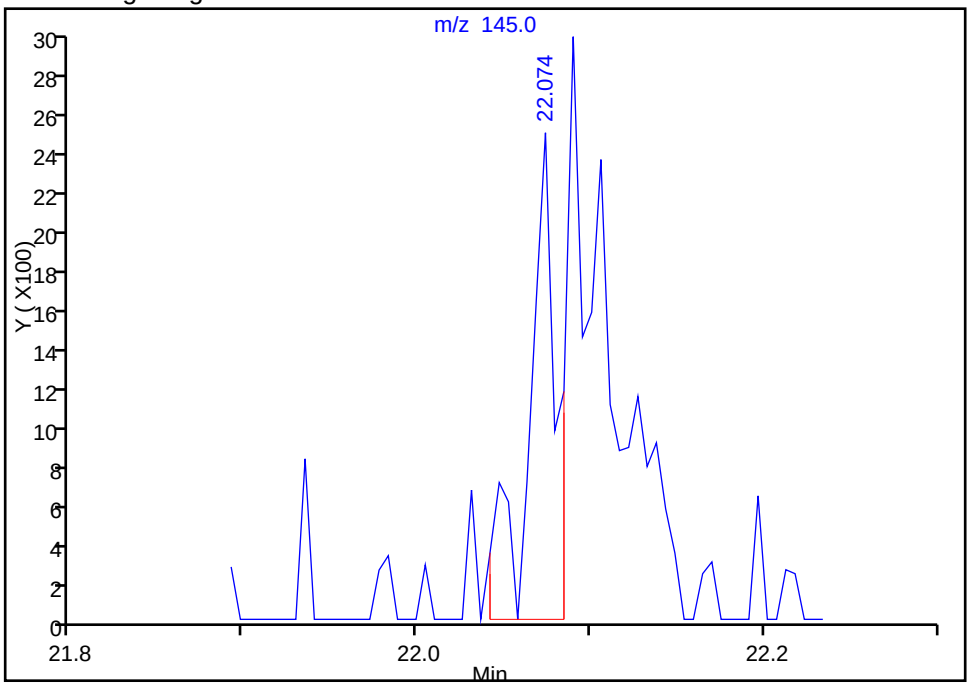
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_08.D
Injection Date: 20-Jan-2015 18:16:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 14 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

110 1,2,3-Trichlorobenzene, CAS: 87-61-6

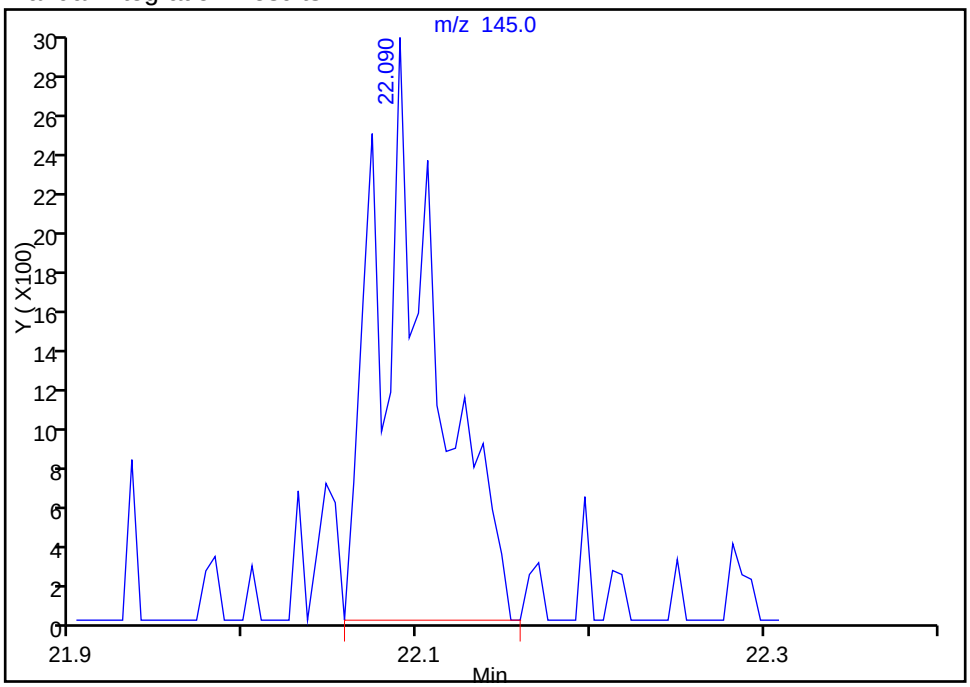
Processing Integration Results

RT: 22.07
Area: 2686
Amount: 0.182613
Amount Units: ppb v/v



Manual Integration Results

RT: 22.09
Area: 6839
Amount: 0.182613
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:33:09
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 20-Jan-2015 19:08:30 ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011709-009
Misc. Info.: ic-03
Operator ID: pad Instrument ID: CHB.i
Sublist: chrom-TO15_LLNJ_TO3*sub5

Method: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Jan-2015 10:34:25 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK032

First Level Reviewer: lyonsb Date: 21-Jan-2015 08:31:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41	3.160	3.160	0.000	98	21550	0.5005	0.6775	
5 Dichlorodifluoromethane	85	3.218	3.224	-0.006	99	58815	0.5005	0.5045	
6 Chlorodifluoromethane	51	3.256	3.261	-0.005	97	37651	0.5005	0.5722	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.443	3.453	-0.010	92	50291	0.5005	0.5092	
8 Chloromethane	50	3.581	3.587	-0.006	94	16874	0.5005	0.5678	
9 Butane	43	3.757	3.763	-0.006	98	27694	0.5005	0.5111	
10 Vinyl chloride	62	3.800	3.811	-0.011	94	16439	0.5005	0.4748	
11 Butadiene	54	3.870	3.875	-0.005	88	10628	0.5005	0.4317	
13 BFB									
12 Bromomethane	94	4.574	4.585	-0.011	92	15064	0.5005	0.4824	
14 Chloroethane	64	4.814	4.825	-0.011	76	8097	0.5005	0.4797	
15 2-Methylbutane	43	4.889	4.894	-0.005	88	21197	0.5005	0.5497	
16 Vinyl bromide	106	5.246	5.246	0.000	95	19165	0.5005	0.5404	
17 Trichlorofluoromethane	101	5.332	5.337	-0.005	97	57717	0.5005	0.5033	
18 Pentane	43	5.465	5.471	-0.006	94	27119	0.5005	0.4736	M
19 Ethanol	45	5.807	5.812	-0.005	97	69083	5.01	5.23	M
21 Ethyl ether	59	5.962	5.956	0.006	79	12159	0.5005	0.5127	
22 Acrolein	56	6.357	6.357	0.000	49	7959	0.5005	0.7788	
23 1,1,2-Trichloro-1,2,2-trif	101	6.367	6.378	-0.011	96	38123	0.5005	0.5127	
24 1,1-Dichloroethene	96	6.463	6.458	0.005	74	17281	0.5005	0.5262	
25 Acetone	43	6.629	6.634	-0.005	82	105885	0.5005	1.64	
26 Isopropyl alcohol	45	6.821	6.837	-0.016	96	23995	0.5005	0.5001	M
27 Carbon disulfide	76	6.885	6.890	-0.005	98	37910	0.5005	0.4530	
29 3-Chloro-1-propene	41	7.168	7.173	-0.005	50	23677	0.5005	0.5166	M
30 Acetonitrile	41	7.269	7.274	-0.005	91	14052	0.5005	0.6079	
31 Methylene Chloride	49	7.440	7.445	-0.005	96	24965	0.5005	0.5913	M
32 2-Methyl-2-propanol	59	7.531	7.541	-0.010	97	33115	0.5005	0.4647	
33 Methyl tert-butyl ether	73	7.771	7.771	0.000	93	52372	0.5005	0.4874	
34 trans-1,2-Dichloroethene	61	7.835	7.840	-0.005	85	22654	0.5005	0.4528	M
35 Acrylonitrile	53	7.936	7.947	-0.011	74	10601	0.5005	0.4644	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57	8.155	8.160	-0.005	87	28134	0.5005	0.5364	M
37 1,1-Dichloroethane	63	8.582	8.598	-0.016	69	31100	0.5005	0.5040	
38 Vinyl acetate	43	8.603	8.603	0.000	99	49578	0.5005	0.4635	
* 44 Chlorobromomethane	128	9.868	8.648	1.220	87	372171	10.0	10.0	
41 Ethyl acetate	88	9.479	9.500	-0.021	0	2080	0.5005	0.6543	M
40 2-Butanone (MEK)	72	9.500	9.500	0.000	95	11913	0.5005	0.6314	
39 cis-1,2-Dichloroethene	96	9.505	9.505	0.000	47	19723	0.5005	0.5154	M
43 Tetrahydrofuran	42	9.890	9.874	0.016	31	21805	0.5005	0.5104	
45 Chloroform	83	9.948	9.948	0.000	93	41342	0.5005	0.5039	
S 42 1,2-Dichloroethene, Total	61				0		1.00	0.9681	
47 1,1,1-Trichloroethane	97	10.199	10.194	0.005	63	43412	0.5005	0.4527	M
46 Cyclohexane	84	10.194	10.199	-0.005	81	26727	0.5005	0.5154	M
48 Carbon tetrachloride	117	10.391	10.402	-0.011	95	56757	0.5005	0.5138	
49 Isooctane	57	10.674	10.674	0.000	94	85401	0.5005	0.4804	
50 Benzene	78	10.738	10.738	0.000	95	54033	0.5005	0.4839	M
51 1,2-Dichloroethane	62	10.840	10.850	-0.010	96	31538	0.5005	0.5178	
52 n-Heptane	43	10.920	10.925	-0.005	89	38142	0.5005	0.5226	
A 53 GRO	1	10.978	(4.884-17.072)		0	11047967	0.5005	0	
* 54 1,4-Difluorobenzene	114	11.277	11.283	-0.005	95	1851418	10.0	10.0	
56 n-Butanol	56	11.459	11.459	0.000	93	16625	0.5005	0.7689	
57 Trichloroethene	95	11.640	11.640	0.000	90	27221	0.5005	0.4909	
58 1,2-Dichloropropane	63	12.024	12.024	0.000	78	19582	0.5005	0.4810	
59 Methyl methacrylate	69	12.056	12.056	0.000	90	21657	0.5005	0.4982	
60 1,4-Dioxane	88	12.163	12.147	0.016	58	13018	0.5005	0.7330	
61 Dibromomethane	174	12.216	12.211	0.005	76	28885	0.5005	0.5108	M
62 Dichlorobromomethane	83	12.377	12.382	-0.005	97	49767	0.5005	0.5054	
A 63 TVOC as Toluene	1	12.627	(3.150-22.105)		0	19272740	0.5005	200.7	
64 cis-1,3-Dichloropropene	75	13.012	13.012	0.000	95	34015	0.5005	0.4975	
65 4-Methyl-2-pentanone (MIBK	43	13.161	13.161	0.000	99	52953	0.5005	0.4934	
A 66 C8 Range	1	13.385	(13.351-13.431)		0	195453	NC	NC	
67 n-Octane	43	13.396	13.401	-0.005	86	49399	0.5005	0.4702	
68 Toluene	92	13.428	13.433	-0.005	93	41582	0.5005	0.4759	
A 69 Toluene Range	1	13.448	(13.423-13.473)		0	234075	NC	NC	
70 trans-1,3-Dichloropropene	75	13.807	13.807	0.000	96	36353	0.5005	0.4894	
71 1,1,2-Trichloroethane	83	14.074	14.079	-0.005	88	18811	0.5005	0.4571	M
72 Tetrachloroethene	166	14.196	14.196	0.000	94	43618	0.5005	0.4985	M
73 2-Hexanone	43	14.330	14.335	-0.005	97	51048	0.5005	0.4820	
74 Chlorodibromomethane	129	14.623	14.623	0.000	97	53963	0.5005	0.4795	
75 Ethylene Dibromide	107	14.821	14.826	-0.005	93	42016	0.5005	0.4870	
* 76 Chlorobenzene-d5	117	15.371	15.376	-0.005	87	1684384	10.0	10.0	
77 Chlorobenzene	112	15.413	15.413	0.000	94	60884	0.5005	0.4845	
78 n-Nonane	57	15.472	15.477	-0.005	76	44606	0.5005	0.4840	
79 Ethylbenzene	91	15.472	15.477	-0.005	98	103686	0.5005	0.4905	
80 m-Xylene & p-Xylene	106	15.616	15.621	-0.005	0	78426	1.00	0.9714	
S 81 Xylenes, Total	106				0		1.50	1.48	
82 o-Xylene	106	16.128	16.128	0.000	94	39963	0.5005	0.5066	
83 Styrene	104	16.155	16.155	0.000	94	61974	0.5005	0.4806	
84 Bromoform	173	16.449	16.449	0.000	93	58485	0.5005	0.4652	
85 Isopropylbenzene	105	16.534	16.534	0.000	96	120635	0.5005	0.4931	
$ 86 4-Bromofluorobenzene	95	16.796	16.801	-0.005	92	1283672	NC	NC	
87 1,1,2,2-Tetrachloroethane	83	16.945	16.950	-0.005	96	57449	0.5005	0.5060	
88 N-Propylbenzene	91	17.009	17.009	0.000	99	131964	0.5005	0.4512	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	17.030	17.036	-0.006	95	45708	0.5005	0.4809	M
90 n-Decane	57	17.062	17.062	0.000	90	56776	0.5005	0.4736	
91 4-Ethyltoluene	105	17.132	17.132	0.000	98	119193	0.5005	0.4817	
92 2-Chlorotoluene	91	17.180	17.180	0.000	97	95394	0.5005	0.4708	M
93 1,3,5-Trimethylbenzene	105	17.201	17.201	0.000	92	101658	0.5005	0.4668	
94 Alpha Methyl Styrene	118	17.473	17.479	-0.006	88	49234	0.5005	0.4716	
95 tert-Butylbenzene	119	17.580	17.580	0.000	91	97923	0.5005	0.4749	
96 1,2,4-Trimethylbenzene	105	17.649	17.655	-0.006	98	102778	0.5005	0.4741	
97 sec-Butylbenzene	105	17.842	17.842	0.000	98	135016	0.5005	0.4526	
98 4-Isopropyltoluene	119	17.996	17.996	0.000	97	127903	0.5005	0.4837	M
99 1,3-Dichlorobenzene	146	18.076	18.076	0.000	95	72076	0.5005	0.4846	M
100 1,4-Dichlorobenzene	146	18.194	18.194	0.000	91	69721	0.5005	0.4654	
101 Benzyl chloride	91	18.349	18.354	-0.005	98	89156	0.5005	0.4523	M
102 Undecane	57	18.461	18.461	0.000	91	62480	0.5005	0.4554	
103 n-Butylbenzene	91	18.509	18.509	0.000	97	109888	0.5005	0.4633	
104 1,2-Dichlorobenzene	146	18.690	18.690	0.000	91	62520	0.5005	0.4415	
106 Dodecane	57	19.944	19.944	0.000	90	52229	0.5005	0.3866	
107 1,2,4-Trichlorobenzene	180	21.102	21.108	-0.006	92	50843	0.5005	0.4052	
108 Hexachlorobutadiene	225	21.257	21.268	-0.011	90	57568	0.5005	0.5247	
109 Naphthalene	128	21.615	21.615	0.000	99	83621	0.5005	0.3115	M
110 1,2,3-Trichlorobenzene	180	22.090	22.095	-0.005	92	48611	0.5005	0.4197	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

ATTO15CAL2w_00161	Amount Added: 200.00	Units: mL	
ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

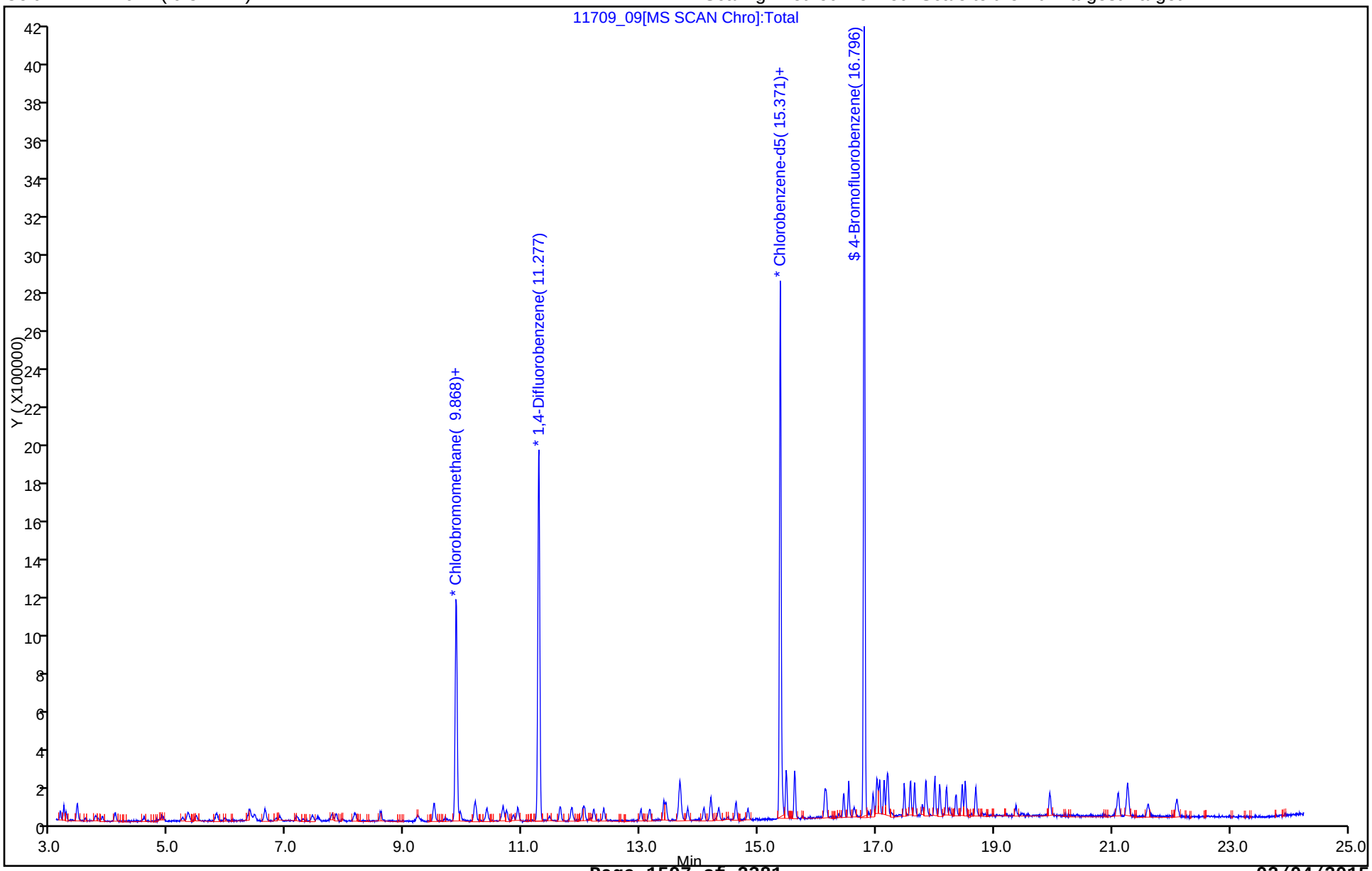
Report Date: 21-Jan-2015 10:34:26 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D

Injection Date:	20-Jan-2015 19:08:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	ic			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

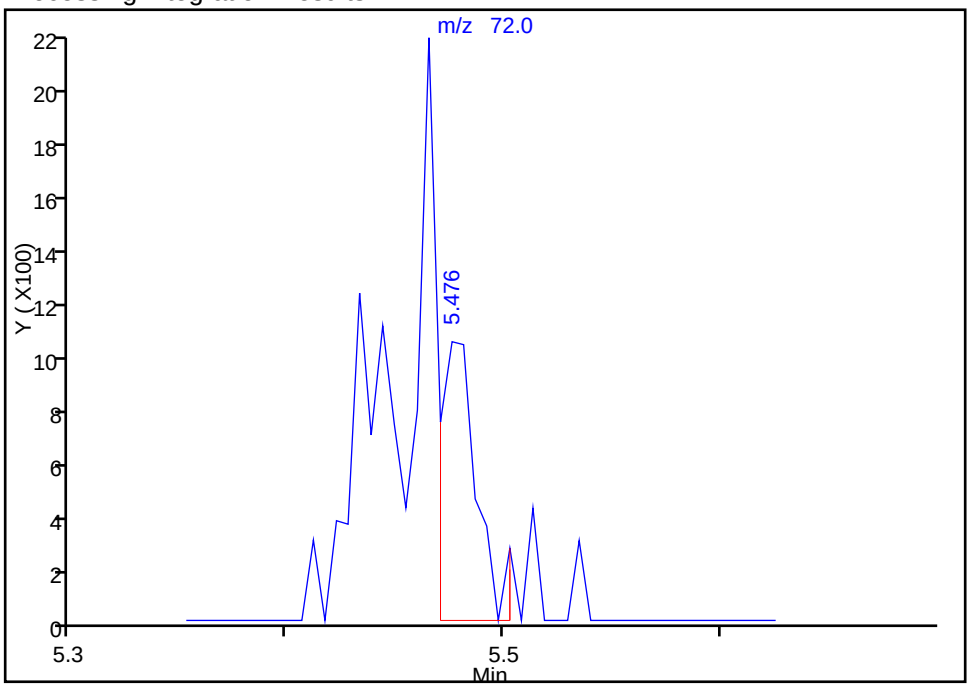
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

18 Pentane, CAS: 109-66-0

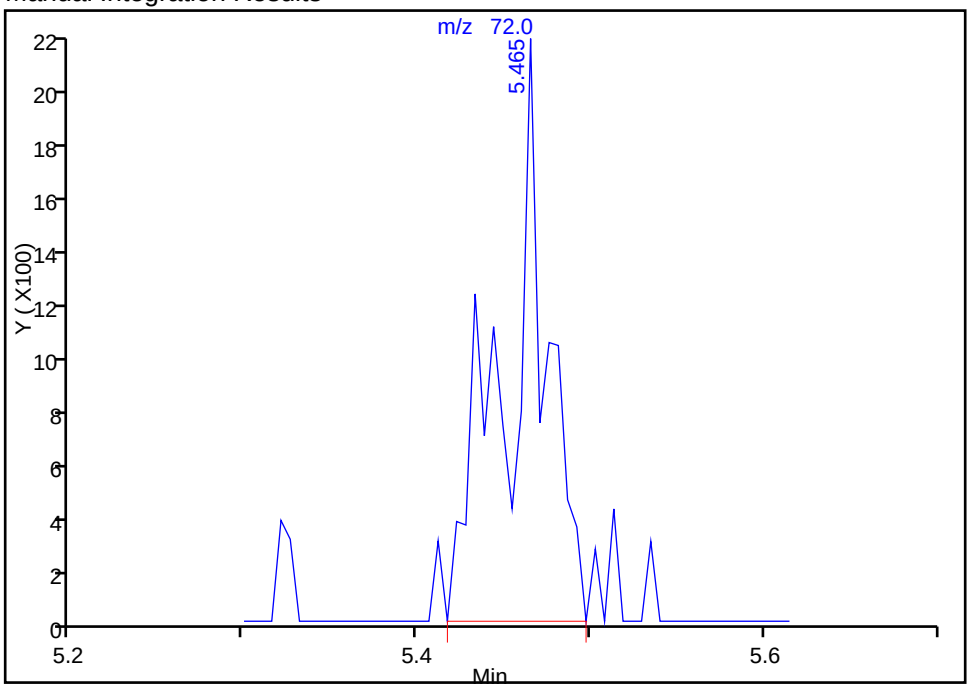
Processing Integration Results

RT: 5.48
Area: 1241
Amount: 0.473627
Amount Units: ppb v/v



Manual Integration Results

RT: 5.47
Area: 3662
Amount: 0.473627
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

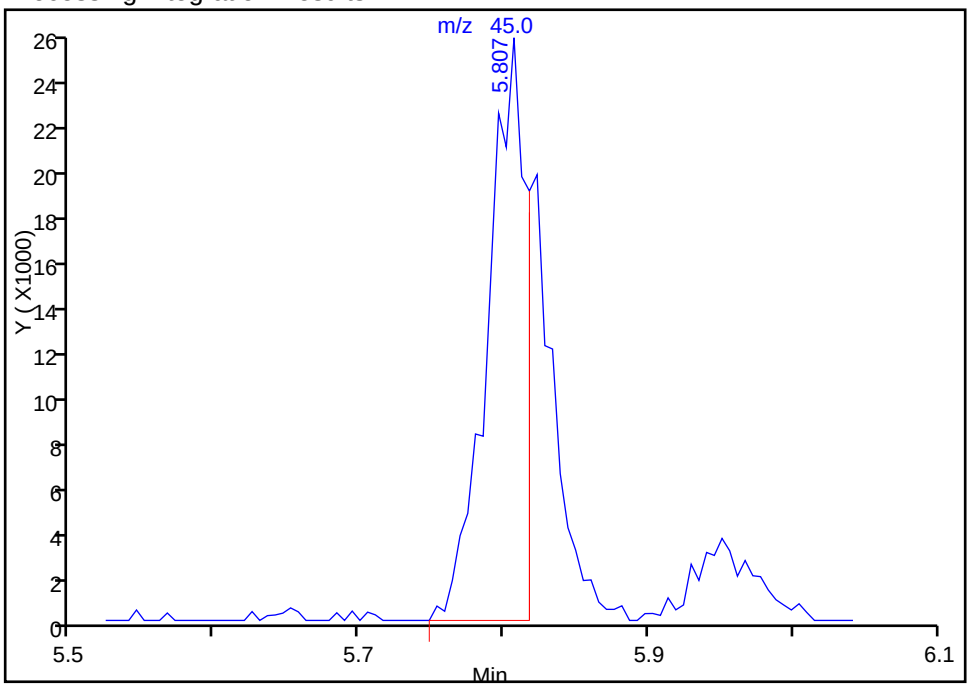
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

19 Ethanol, CAS: 64-17-5

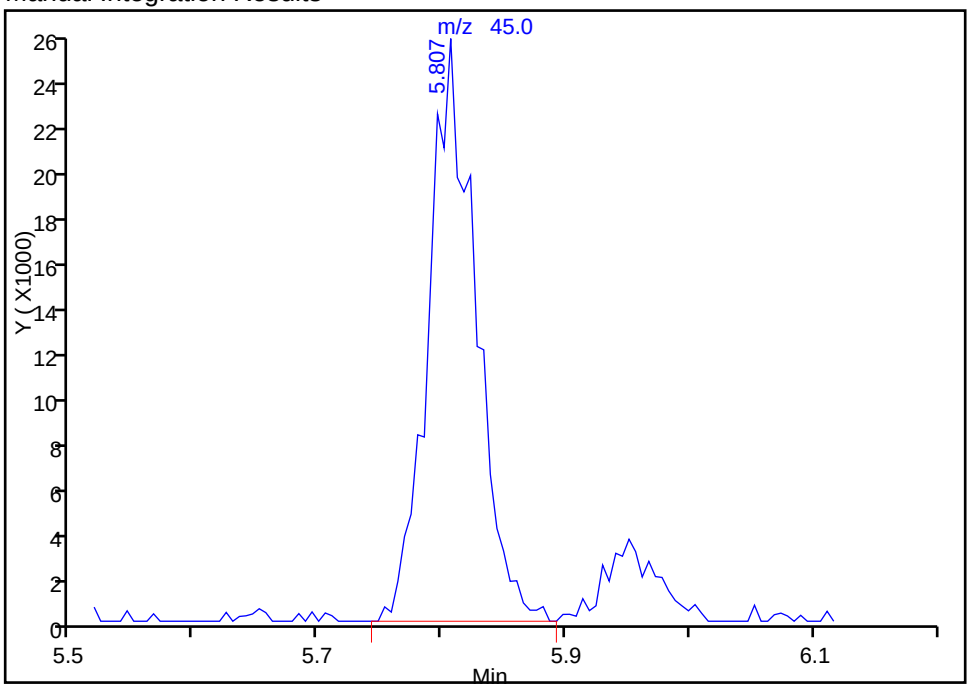
Processing Integration Results

RT: 5.81
Area: 48580
Amount: 3.879241
Amount Units: ppb v/v



Manual Integration Results

RT: 5.81
Area: 69083
Amount: 5.231559
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

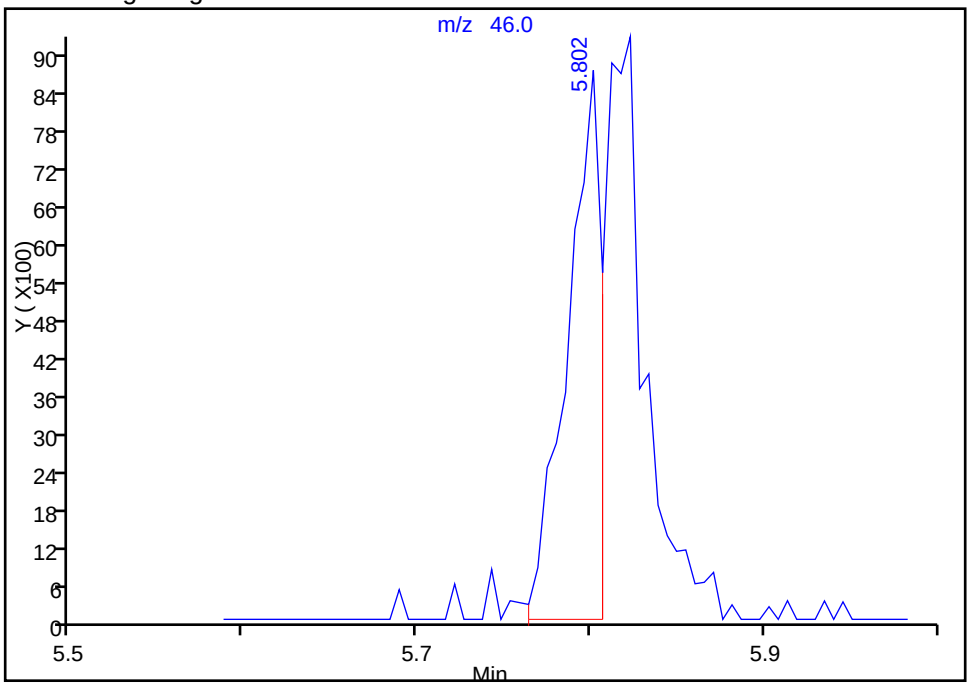
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

19 Ethanol, CAS: 64-17-5

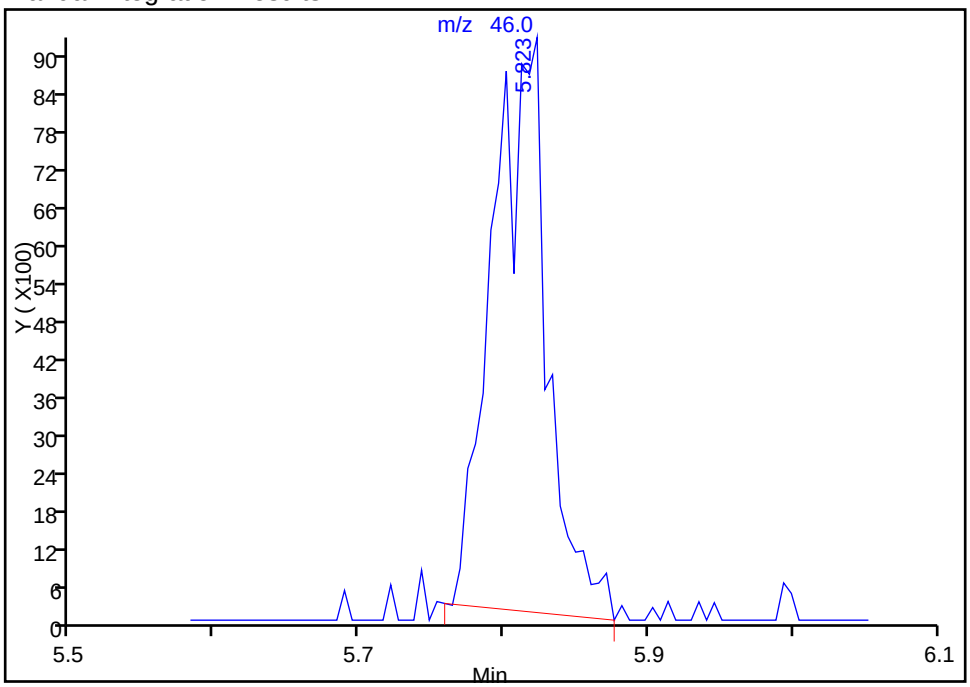
Processing Integration Results

RT: 5.80
Area: 11940
Amount: 3.879241
Amount Units: ppb v/v



Manual Integration Results

RT: 5.82
Area: 24367
Amount: 5.231559
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D				
Injection Date:	20-Jan-2015 19:08:30	Instrument ID:	CHB.i		
Lims ID:	ic				
Client ID:					
Operator ID:	pad	ALS Bottle#:	15	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

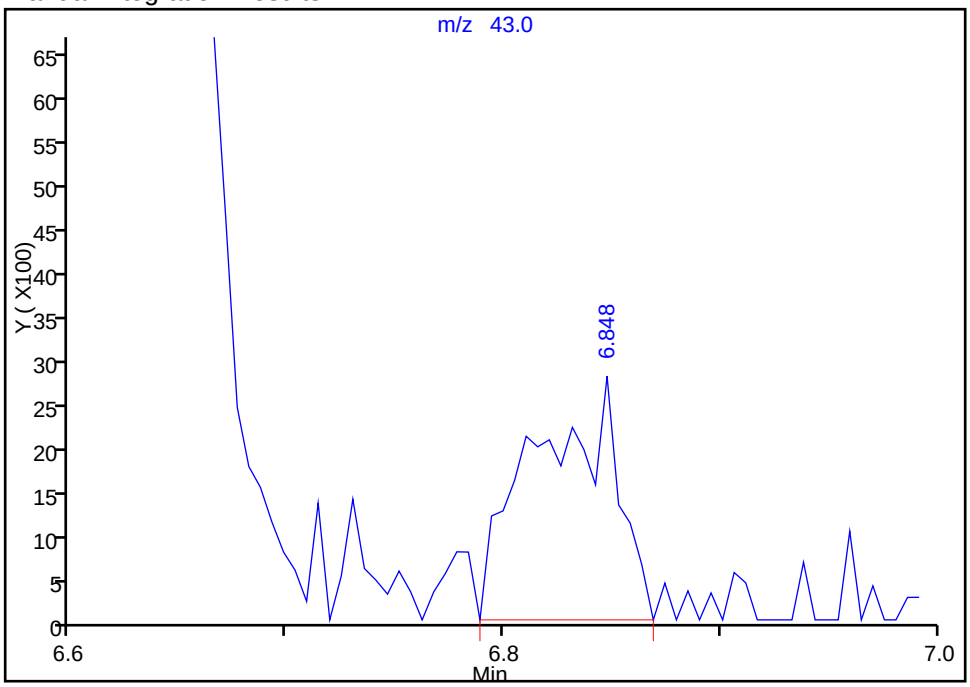
26 Isopropyl alcohol, CAS: 67-63-0

Processing Integration Results

RT: 6.84
Area: 0
Amount: 0.500095
Amount Units: ppb v/v

Manual Integration Results

RT: 6.85
Area: 7552
Amount: 0.500095
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

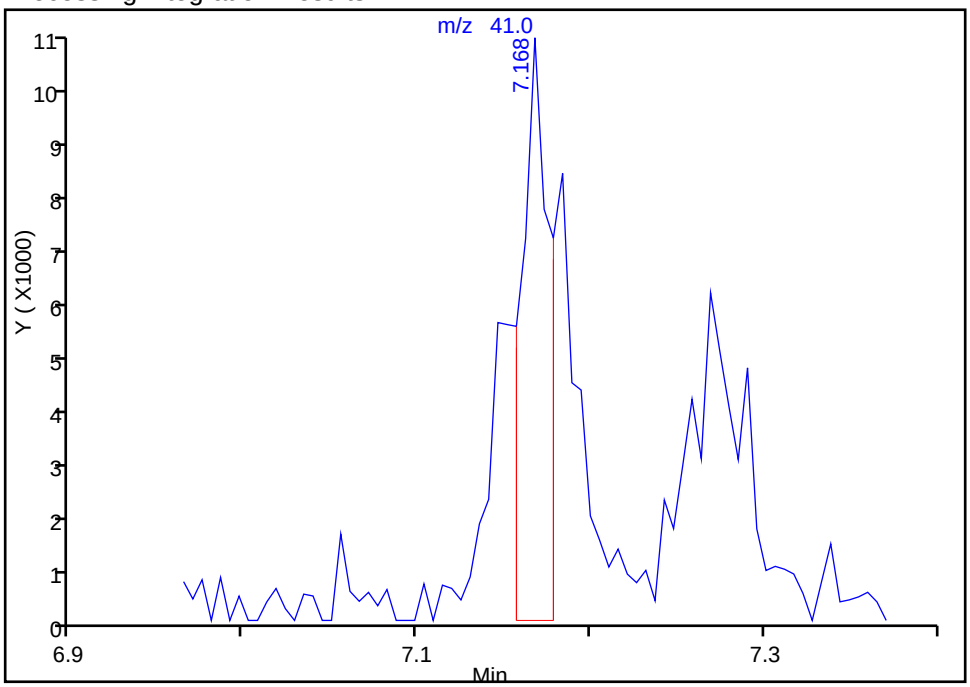
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

29 3-Chloro-1-propene, CAS: 107-05-1

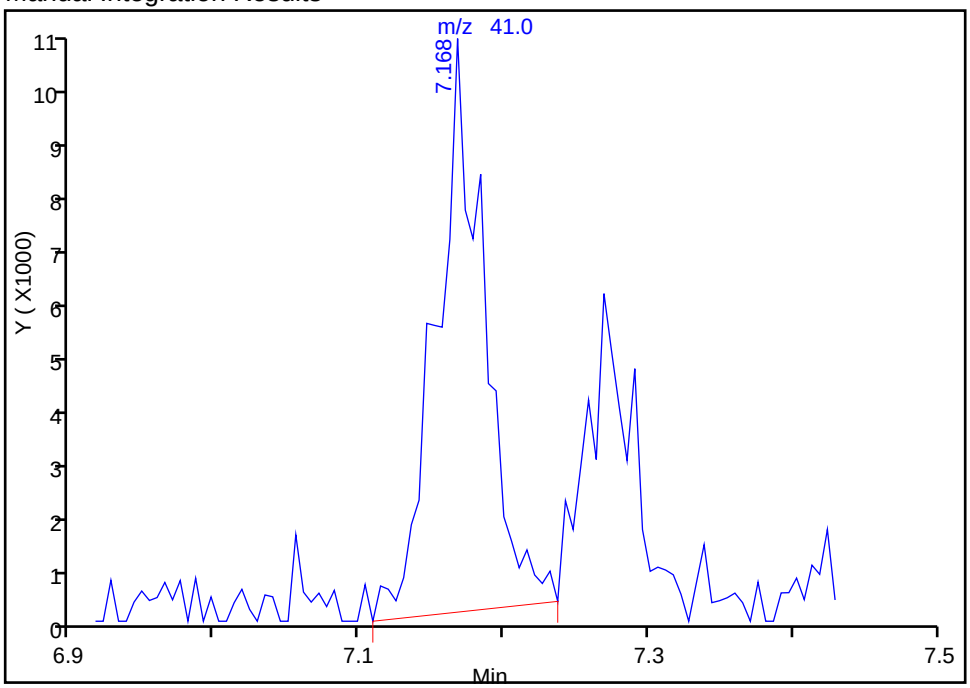
Processing Integration Results

RT: 7.17
Area: 11780
Amount: 0.300112
Amount Units: ppb v/v



Manual Integration Results

RT: 7.17
Area: 23677
Amount: 0.516644
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

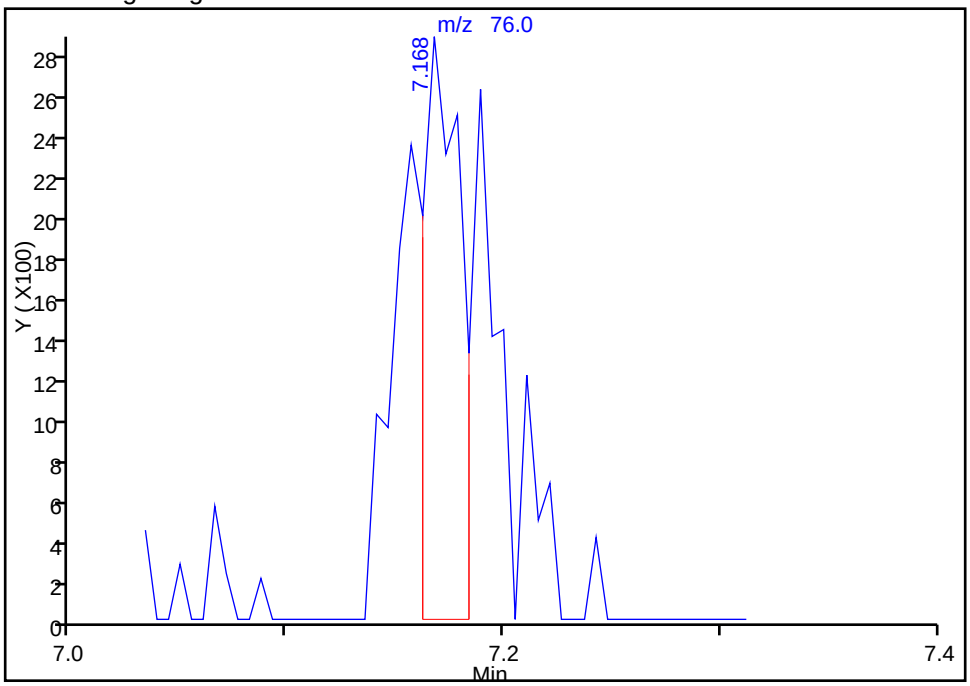
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

29 3-Chloro-1-propene, CAS: 107-05-1

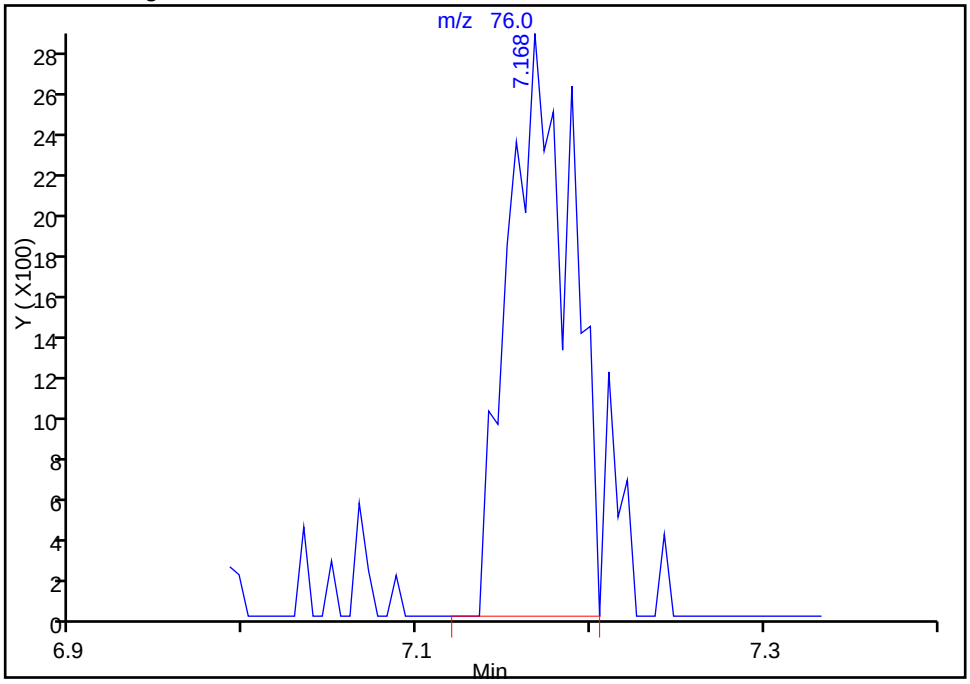
Processing Integration Results

RT: 7.17
Area: 3501
Amount: 0.300112
Amount Units: ppb v/v



Manual Integration Results

RT: 7.17
Area: 7195
Amount: 0.516644
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

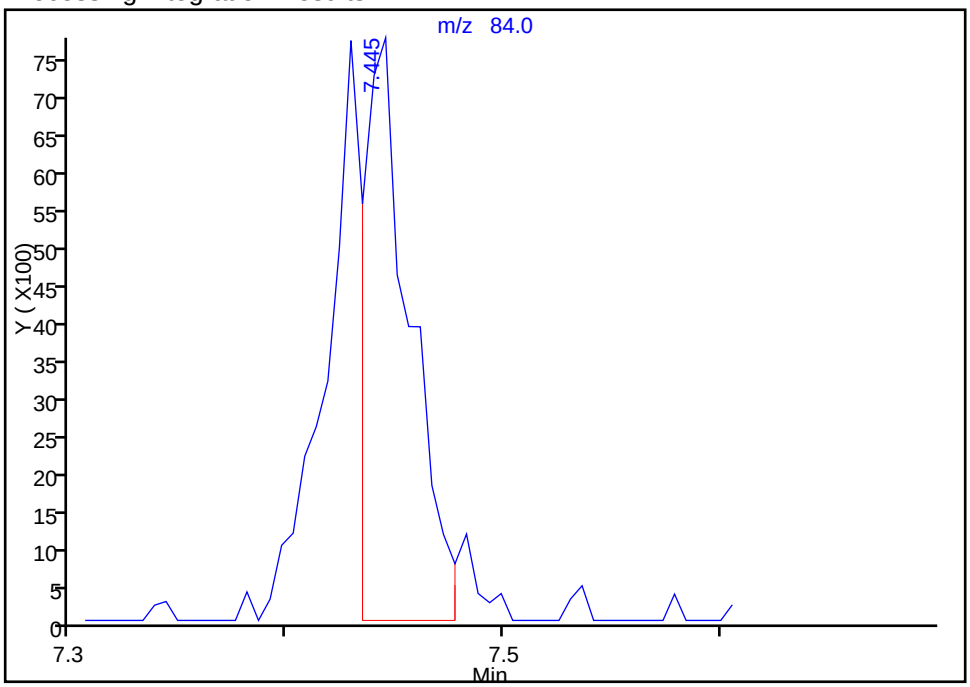
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

31 Methylene Chloride, CAS: 75-09-2

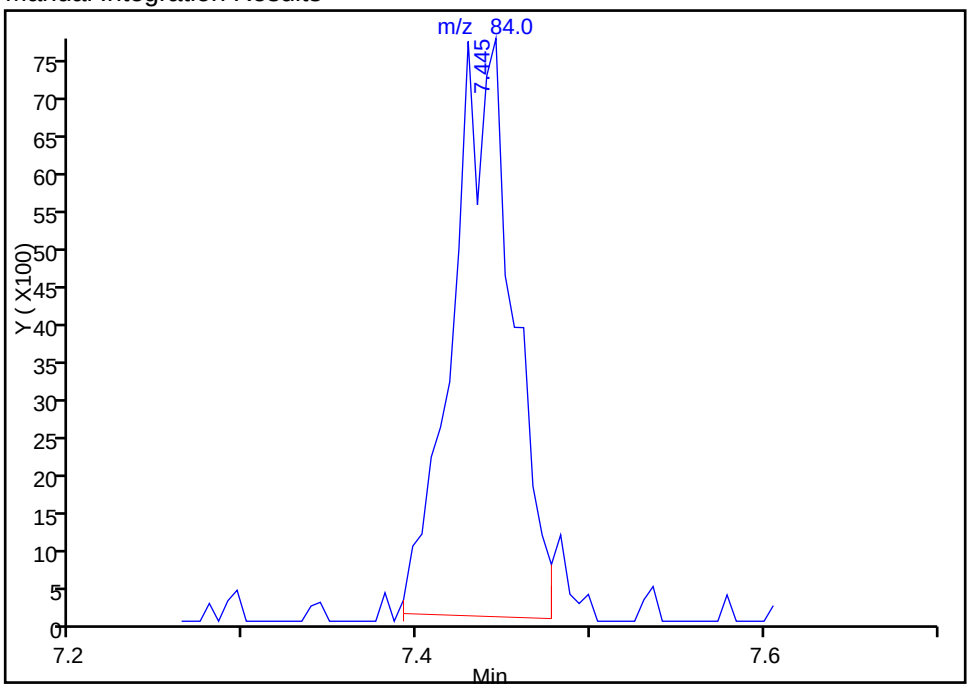
Processing Integration Results

RT: 7.45
Area: 11704
Amount: 0.591252
Amount Units: ppb v/v



Manual Integration Results

RT: 7.45
Area: 18692
Amount: 0.591252
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

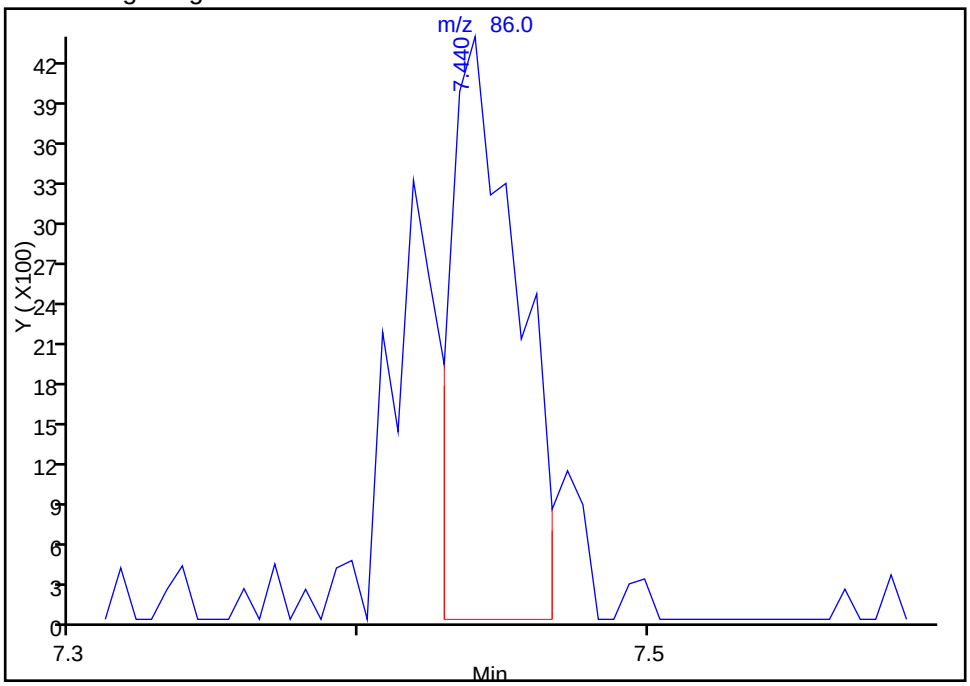
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

31 Methylene Chloride, CAS: 75-09-2

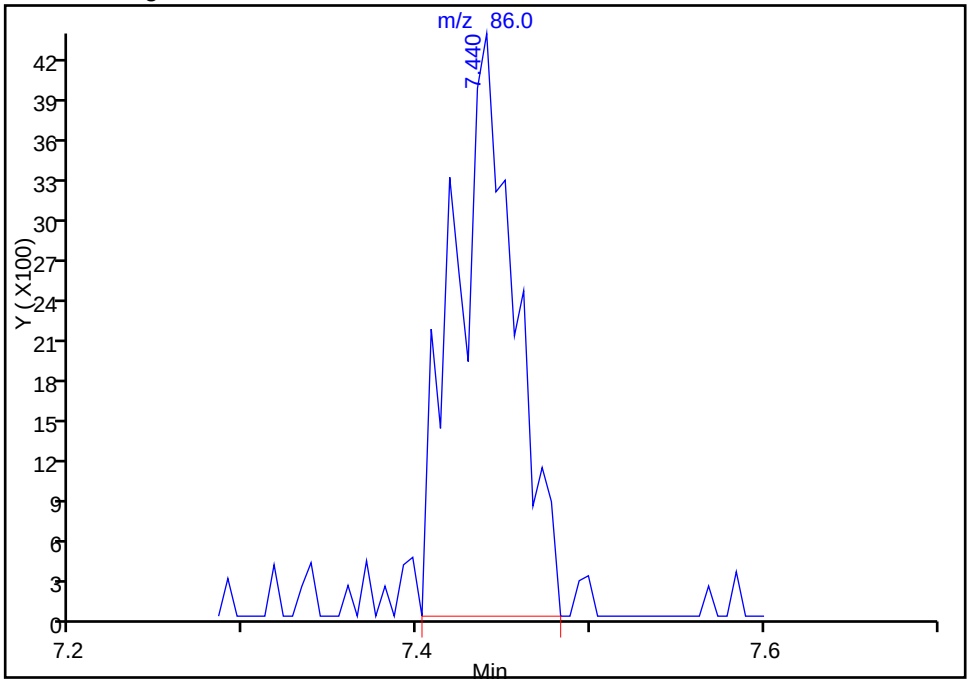
Processing Integration Results

RT: 7.44
Area: 6993
Amount: 0.591252
Amount Units: ppb v/v



Manual Integration Results

RT: 7.44
Area: 10604
Amount: 0.591252
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

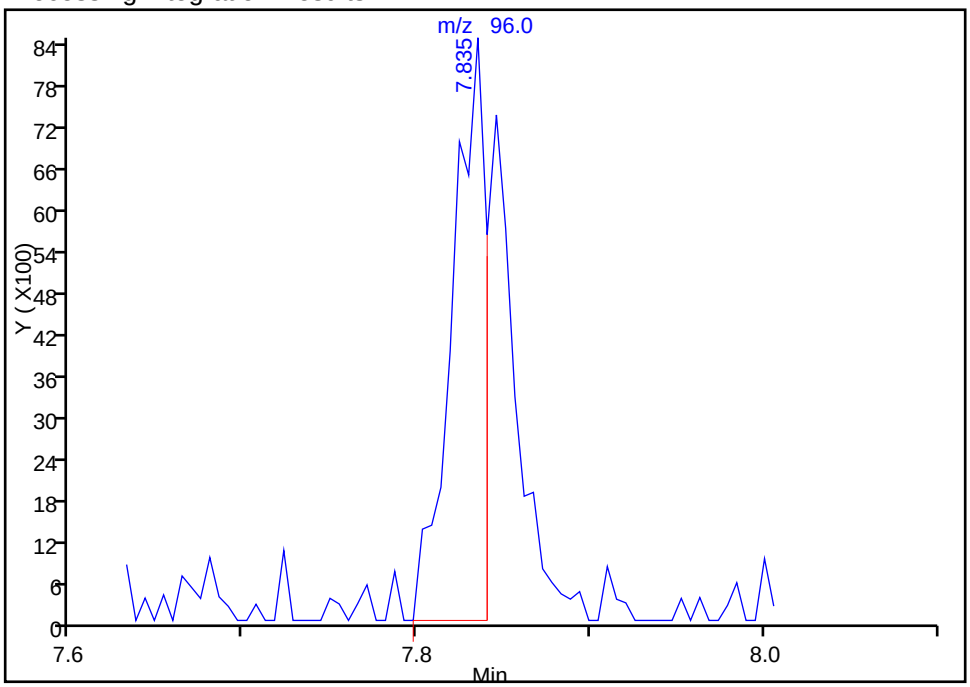
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

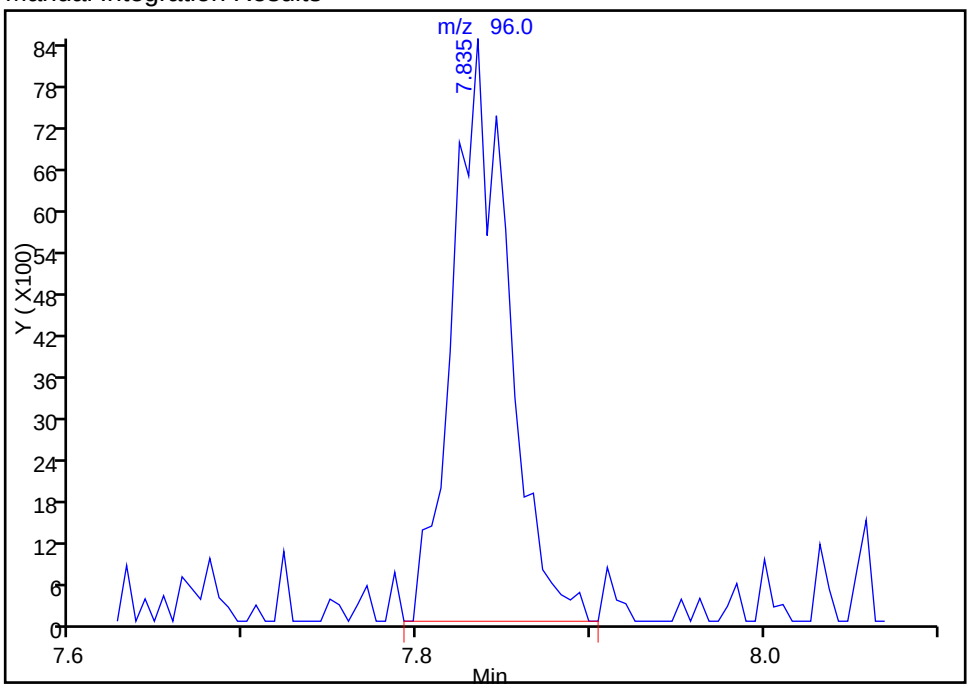
Processing Integration Results

RT: 7.83
Area: 11512
Amount: 0.452766
Amount Units: ppb v/v



Manual Integration Results

RT: 7.83
Area: 18653
Amount: 0.452766
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

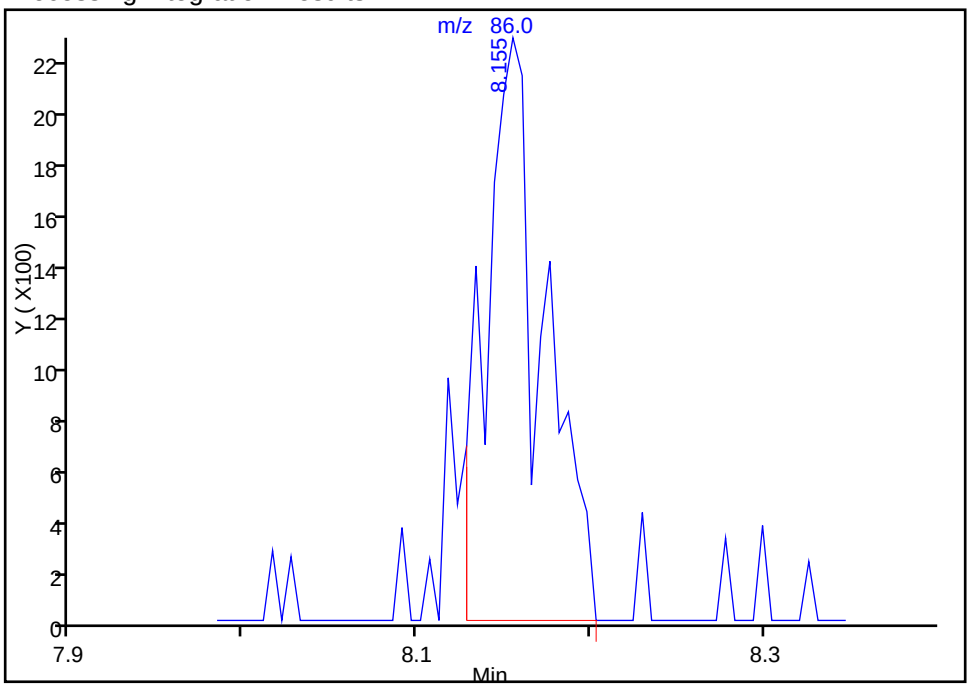
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

36 Hexane, CAS: 110-54-3

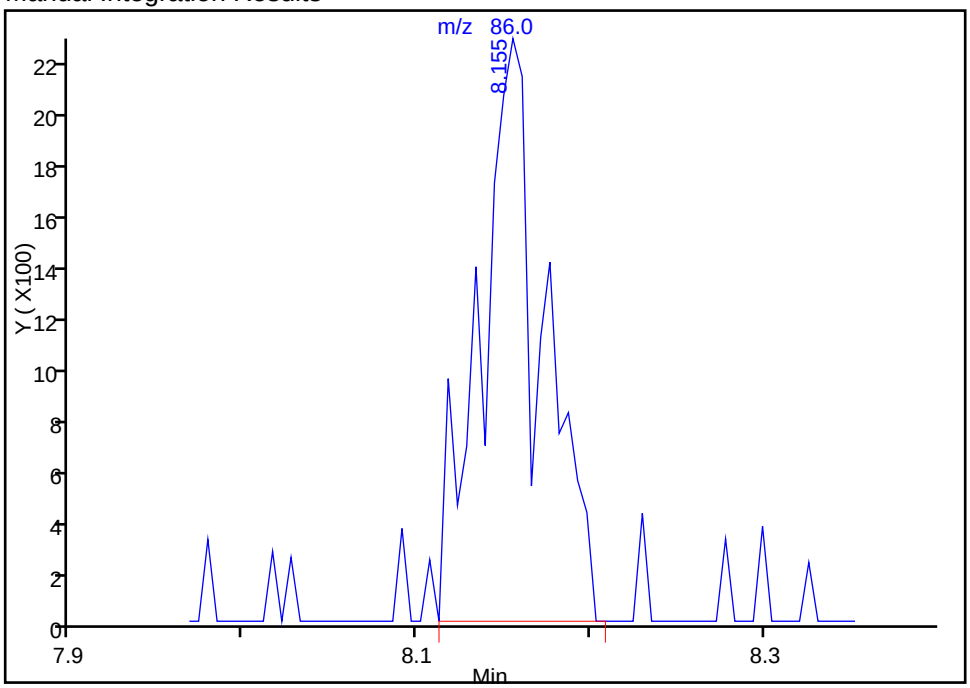
Processing Integration Results

RT: 8.16
Area: 5170
Amount: 0.536403
Amount Units: ppb v/v



Manual Integration Results

RT: 8.16
Area: 5610
Amount: 0.536403
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

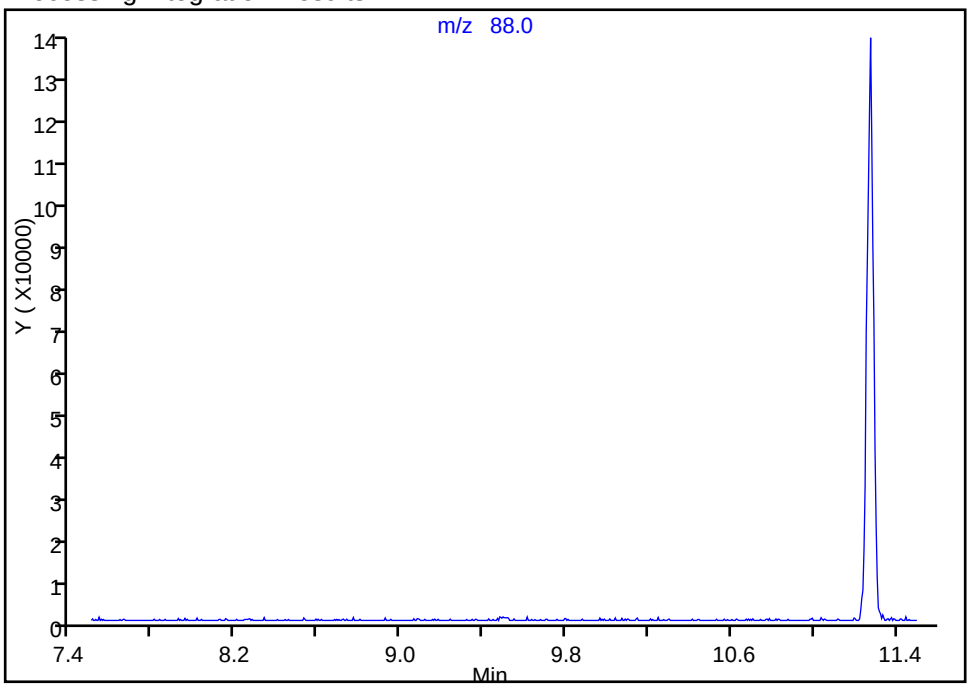
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

41 Ethyl acetate, CAS: 141-78-6

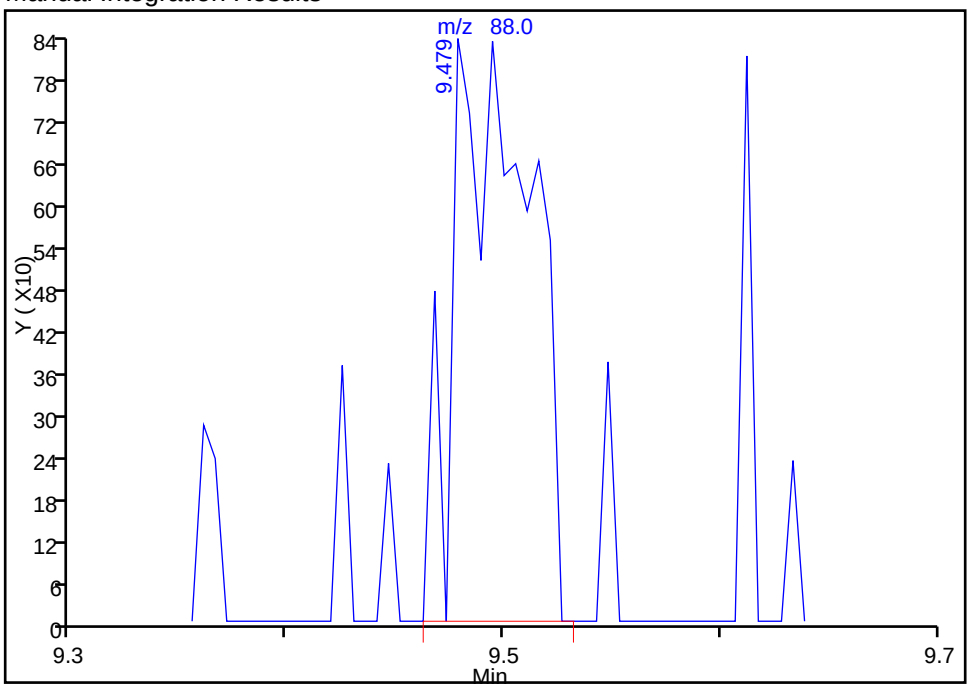
Processing Integration Results

Not Detected
Expected RT: 9.50



Manual Integration Results

RT: 9.48
Area: 2080
Amount: 0.654314
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

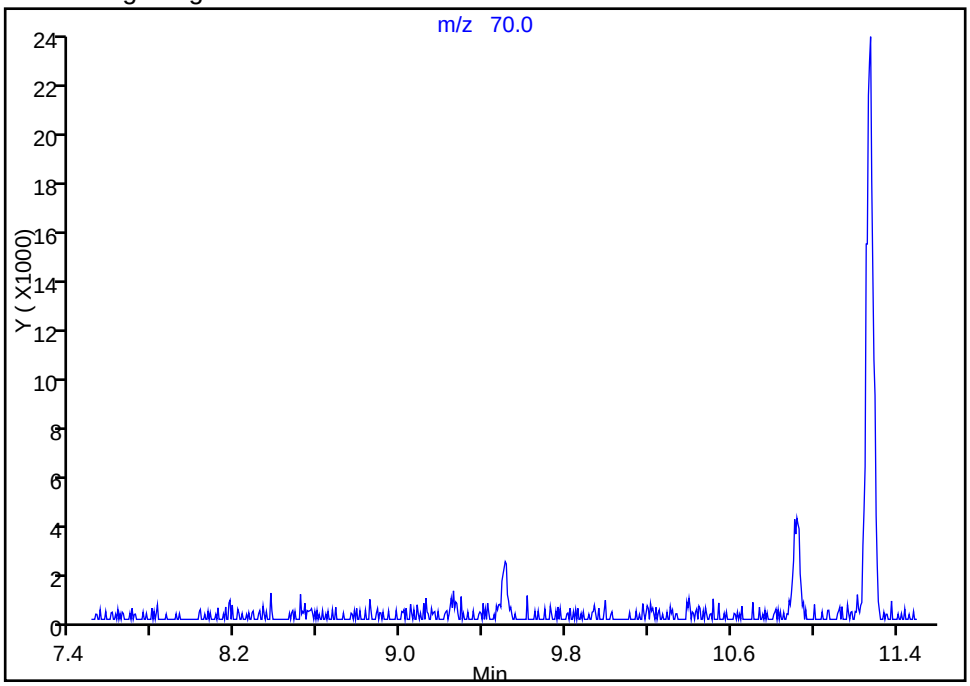
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

41 Ethyl acetate, CAS: 141-78-6

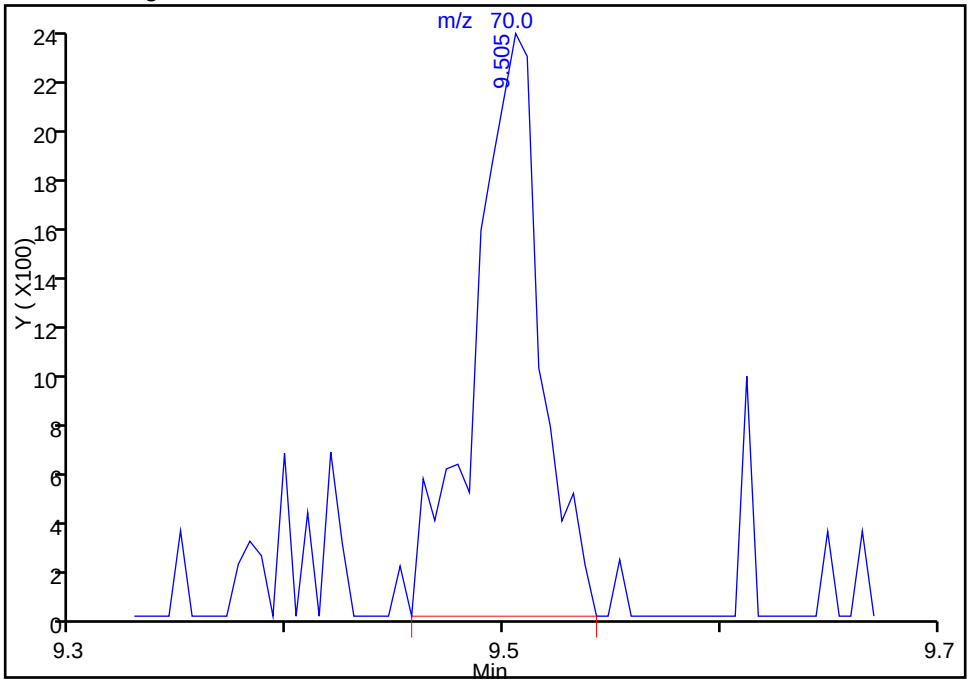
Not Detected
Expected RT: 9.50

Processing Integration Results



Manual Integration Results

RT: 9.51
Area: 5018
Amount: 0.654314
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

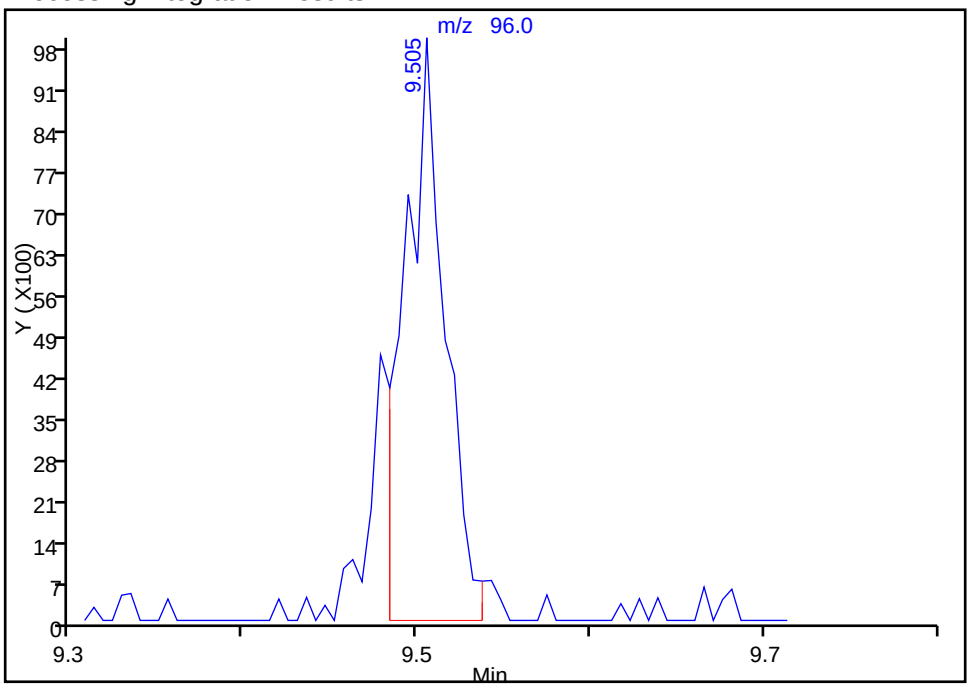
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2

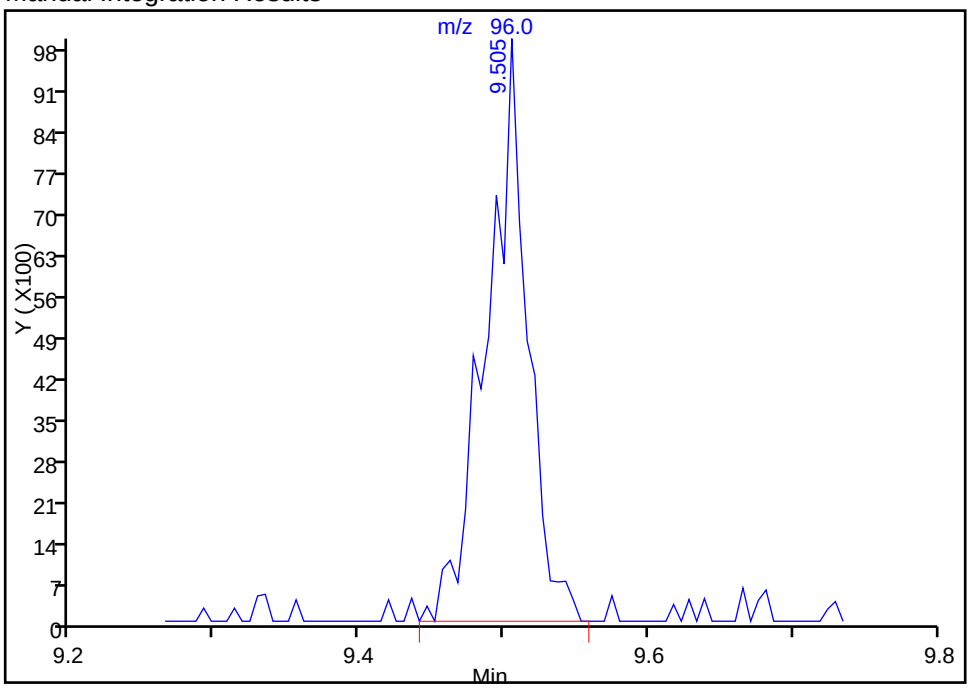
Processing Integration Results

RT: 9.51
Area: 16406
Amount: 0.473275
Amount Units: ppb v/v



Manual Integration Results

RT: 9.51
Area: 19723
Amount: 0.515364
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

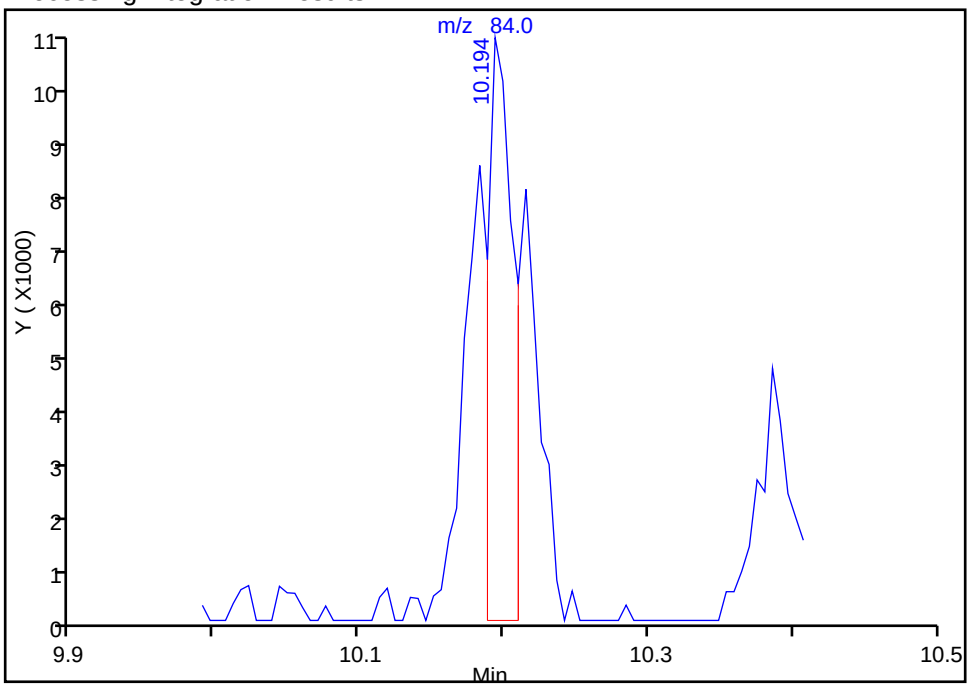
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

46 Cyclohexane, CAS: 110-82-7

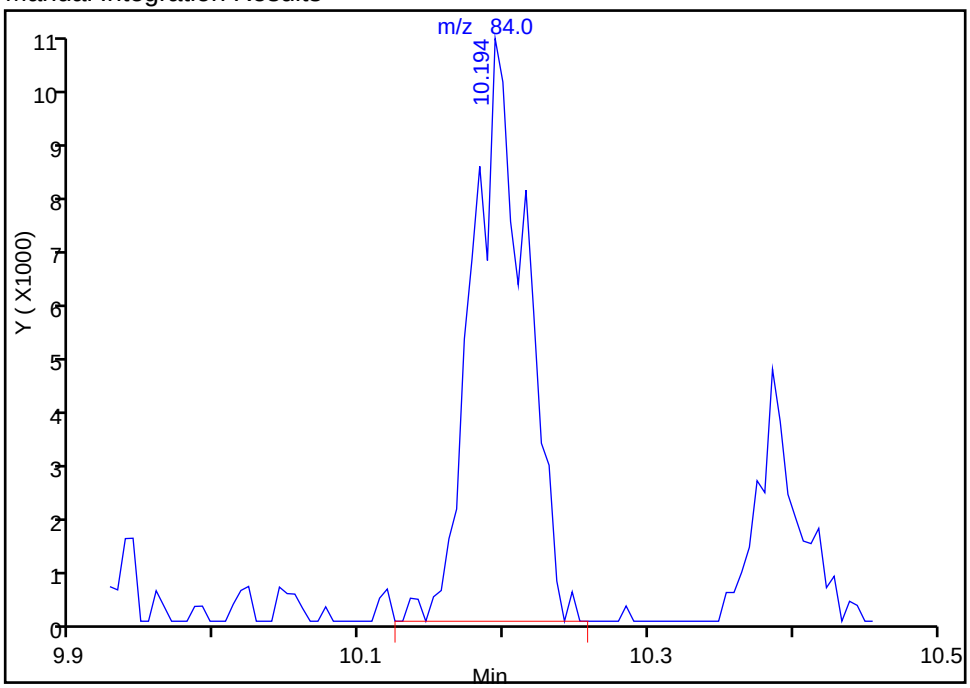
Processing Integration Results

RT: 10.19
Area: 12467
Amount: 0.271163
Amount Units: ppb v/v



Manual Integration Results

RT: 10.19
Area: 26727
Amount: 0.515447
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

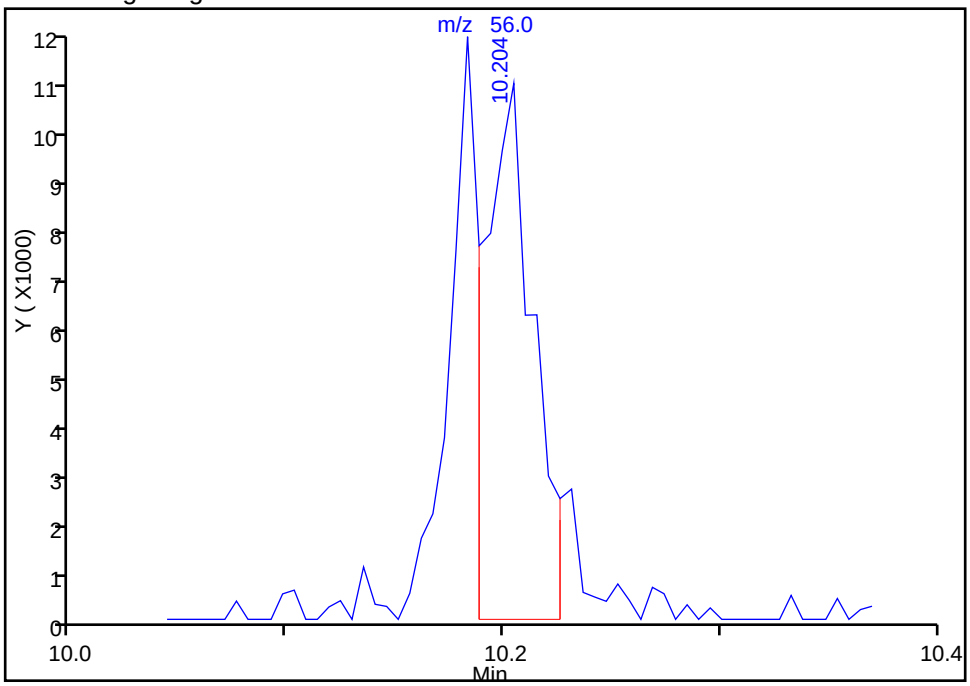
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

46 Cyclohexane, CAS: 110-82-7

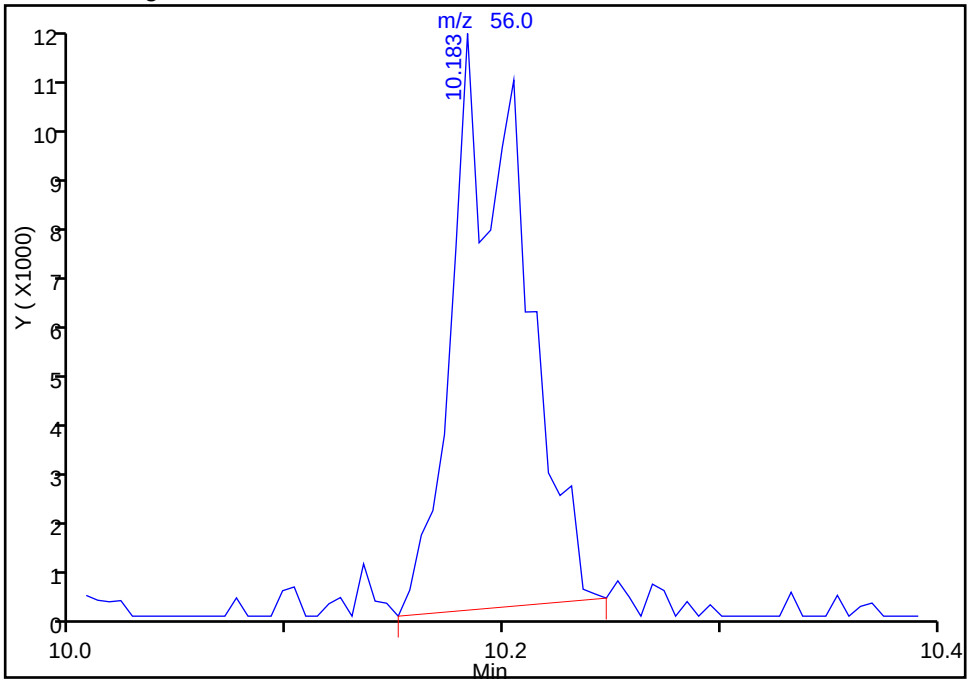
Processing Integration Results

RT: 10.20
Area: 17379
Amount: 0.271163
Amount Units: ppb v/v



Manual Integration Results

RT: 10.18
Area: 26422
Amount: 0.515447
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

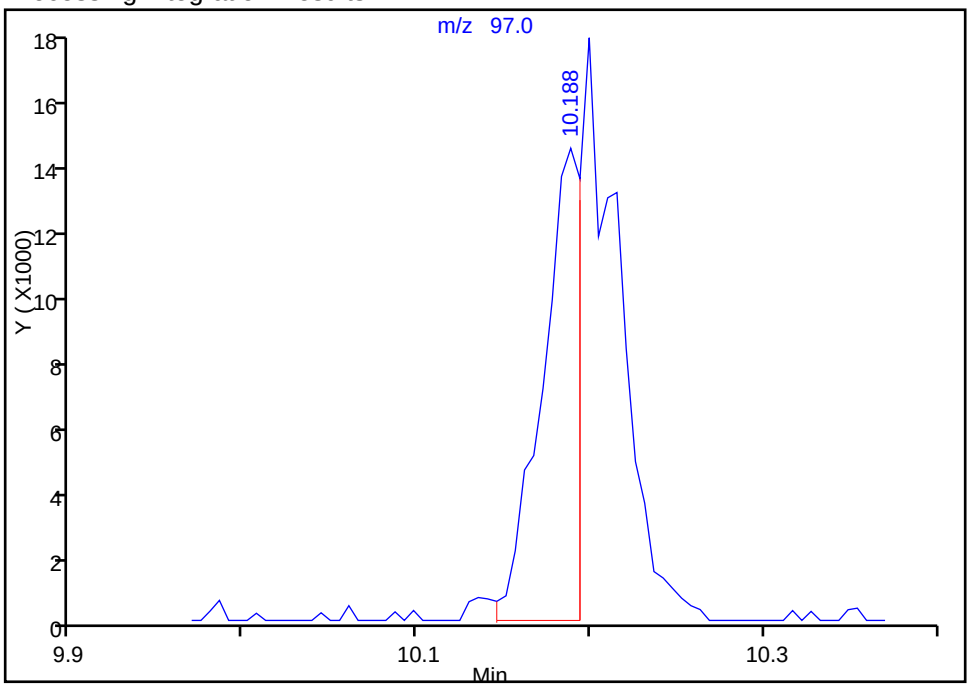
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6

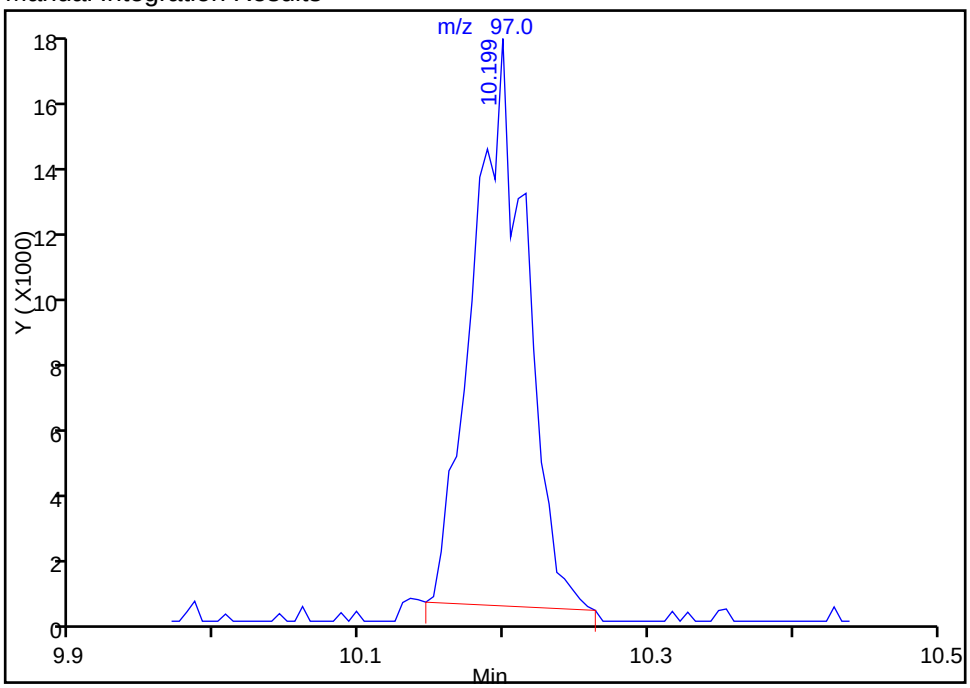
Processing Integration Results

RT: 10.19
Area: 22407
Amount: 0.268697
Amount Units: ppb v/v



Manual Integration Results

RT: 10.20
Area: 43412
Amount: 0.452698
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

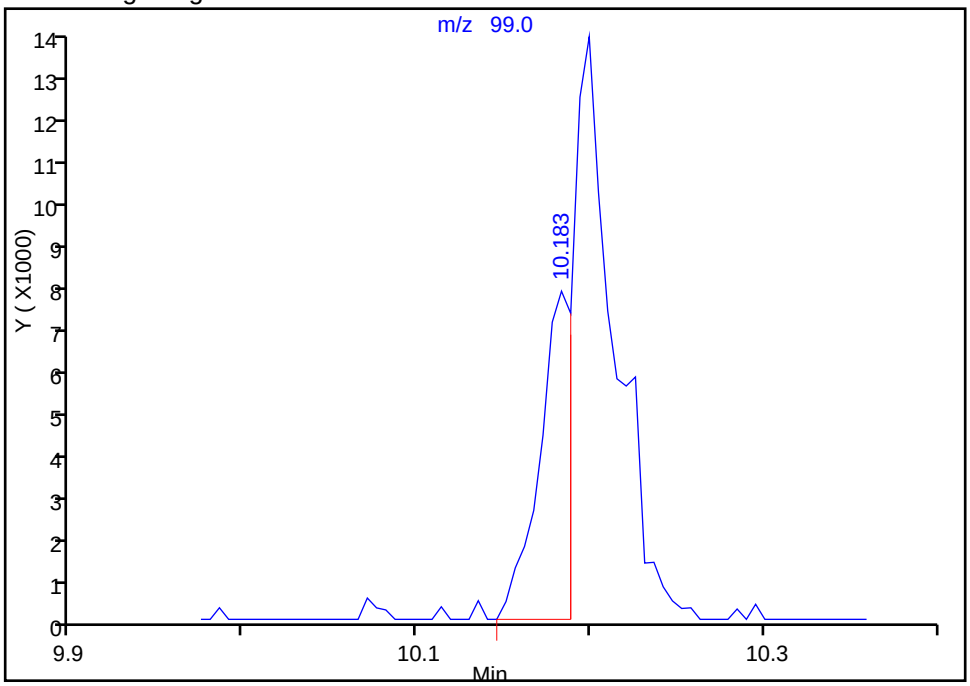
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6

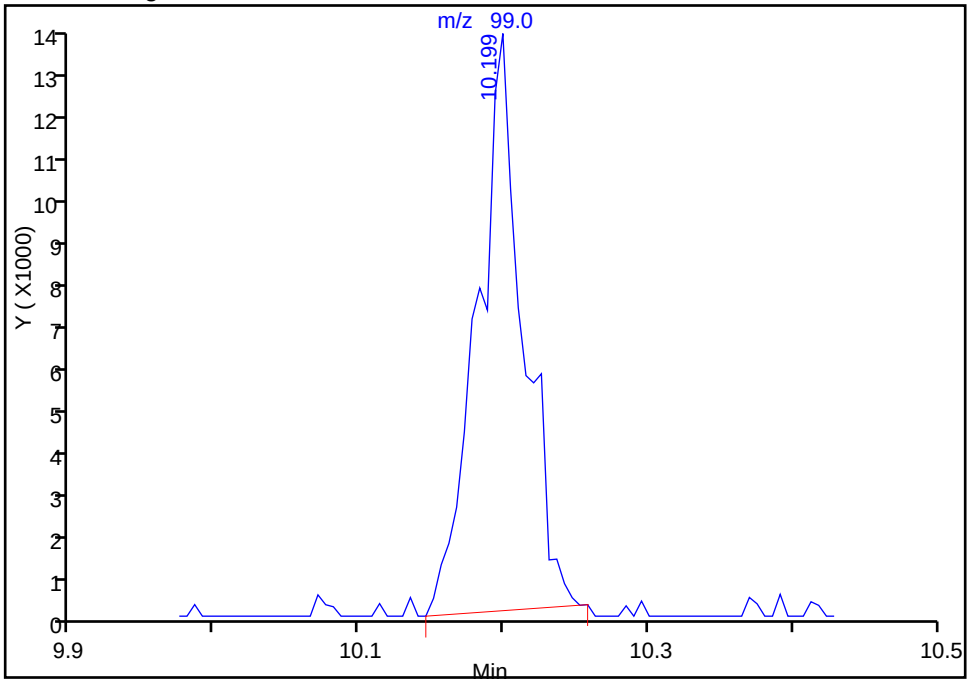
Processing Integration Results

RT: 10.18
Area: 9860
Amount: 0.268697
Amount Units: ppb v/v



Manual Integration Results

RT: 10.20
Area: 28737
Amount: 0.452698
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

TestAmerica Burlington

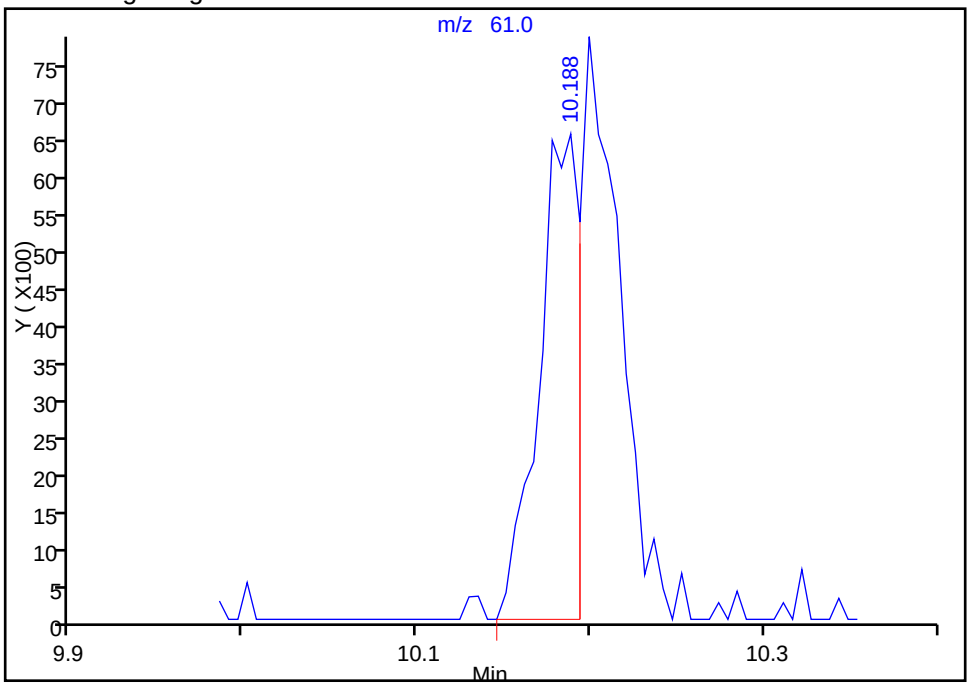
Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D

Injection Date:	20-Jan-2015 19:08:30	Instrument ID:	CHB.i		
Lims ID:	ic				
Client ID:					
Operator ID:	pad	ALS Bottle#:	15	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 1,1,1-Trichloroethane, CAS: 71-55-6

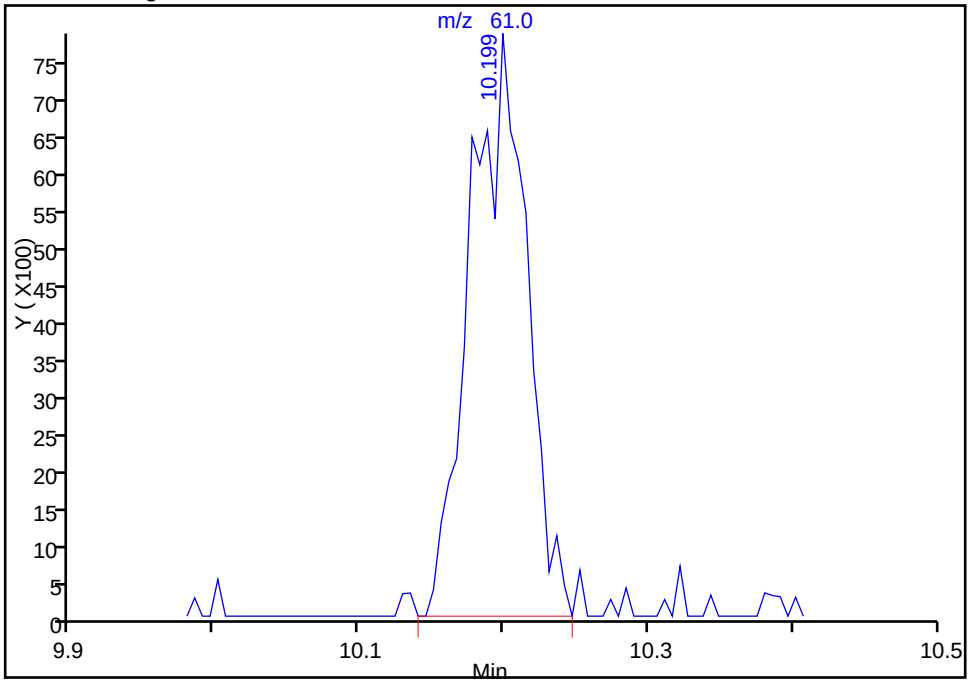
Processing Integration Results

RT: 10.19
Area: 10731
Amount: 0.268697
Amount Units: ppb v/v



Manual Integration Results

RT: 10.20
Area: 21462
Amount: 0.452698
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

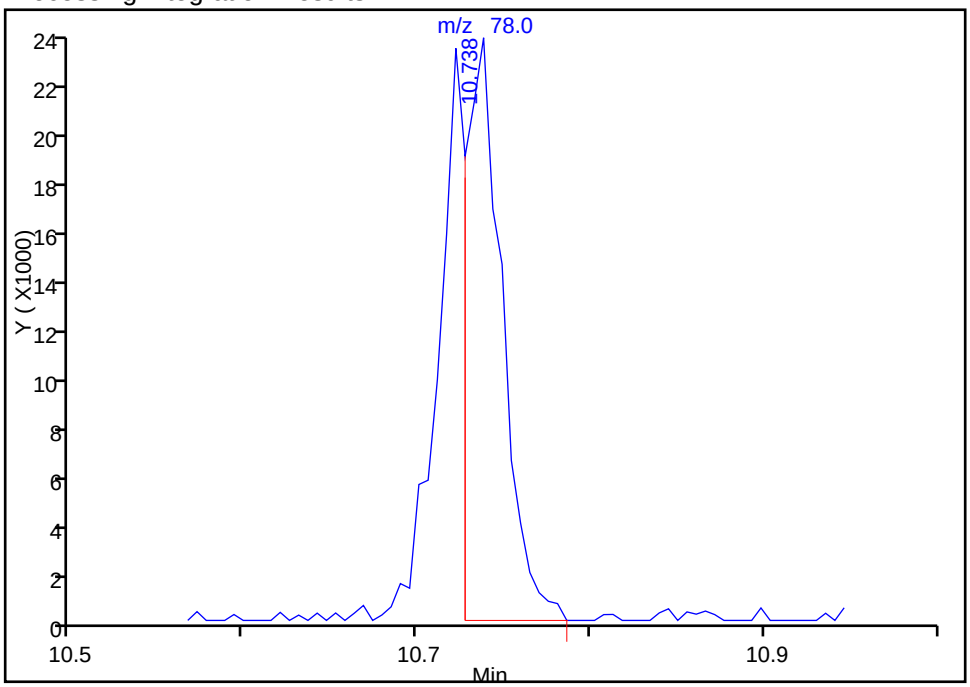
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

50 Benzene, CAS: 71-43-2

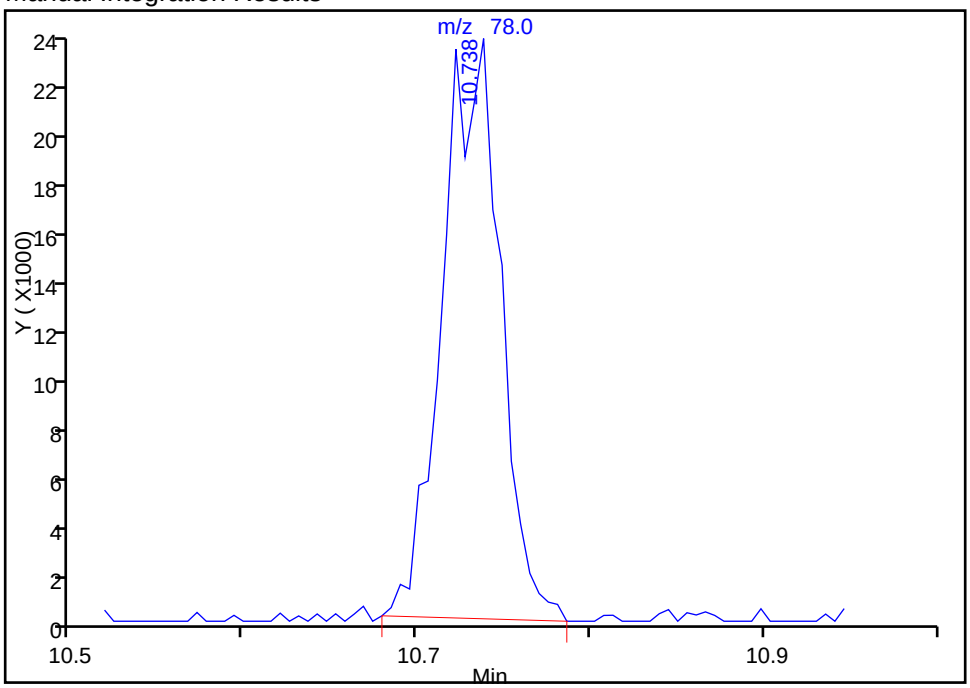
Processing Integration Results

RT: 10.74
Area: 34693
Amount: 0.328836
Amount Units: ppb v/v



Manual Integration Results

RT: 10.74
Area: 54033
Amount: 0.483924
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

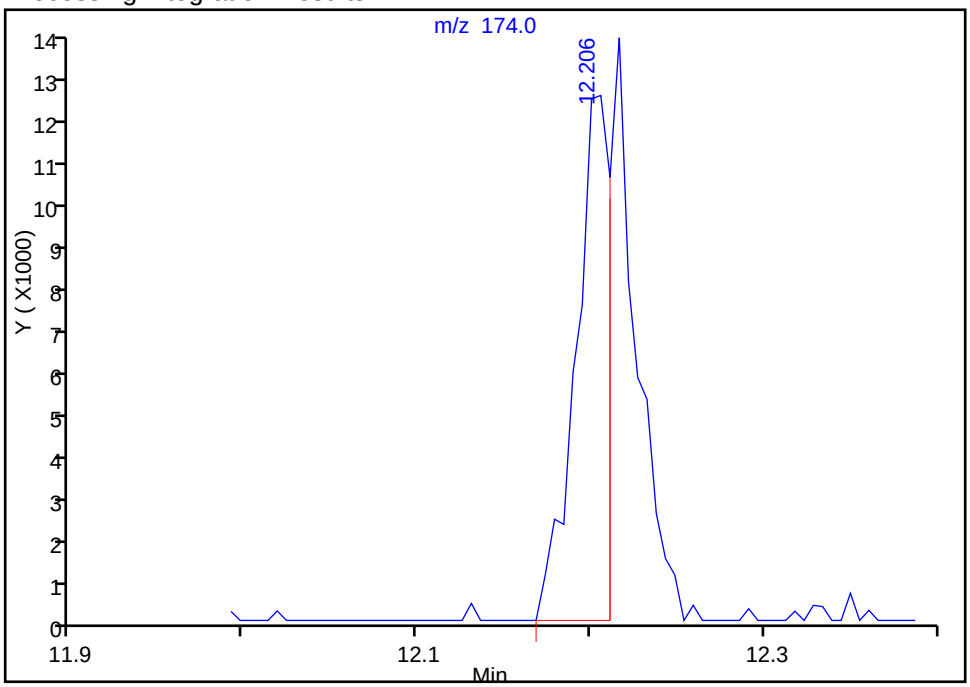
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

61 Dibromomethane, CAS: 74-95-3

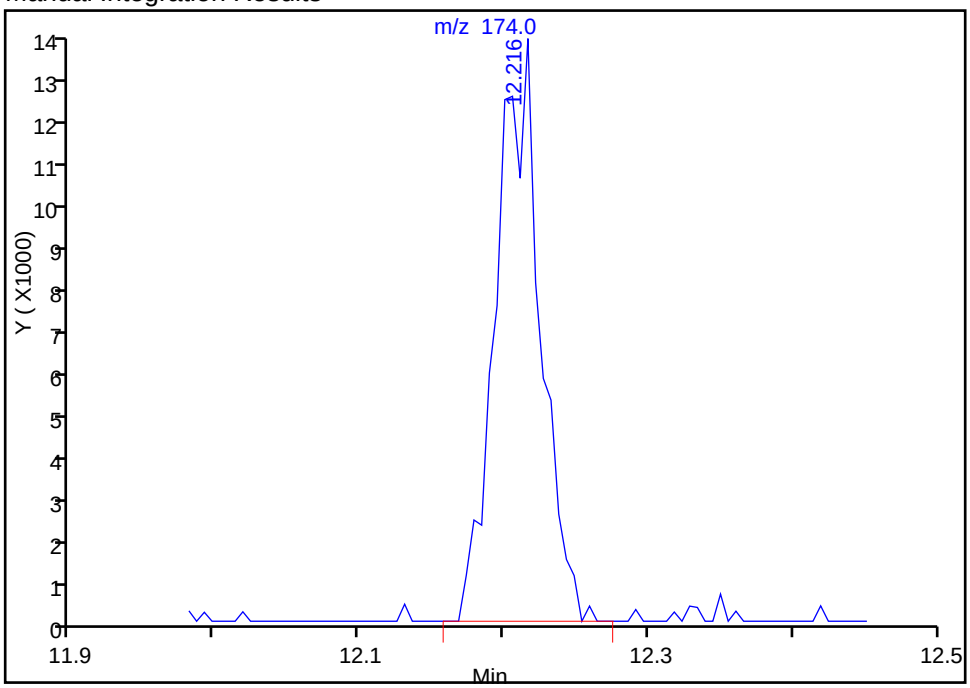
Processing Integration Results

RT: 12.21
Area: 16954
Amount: 0.326574
Amount Units: ppb v/v



Manual Integration Results

RT: 12.22
Area: 28885
Amount: 0.510824
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

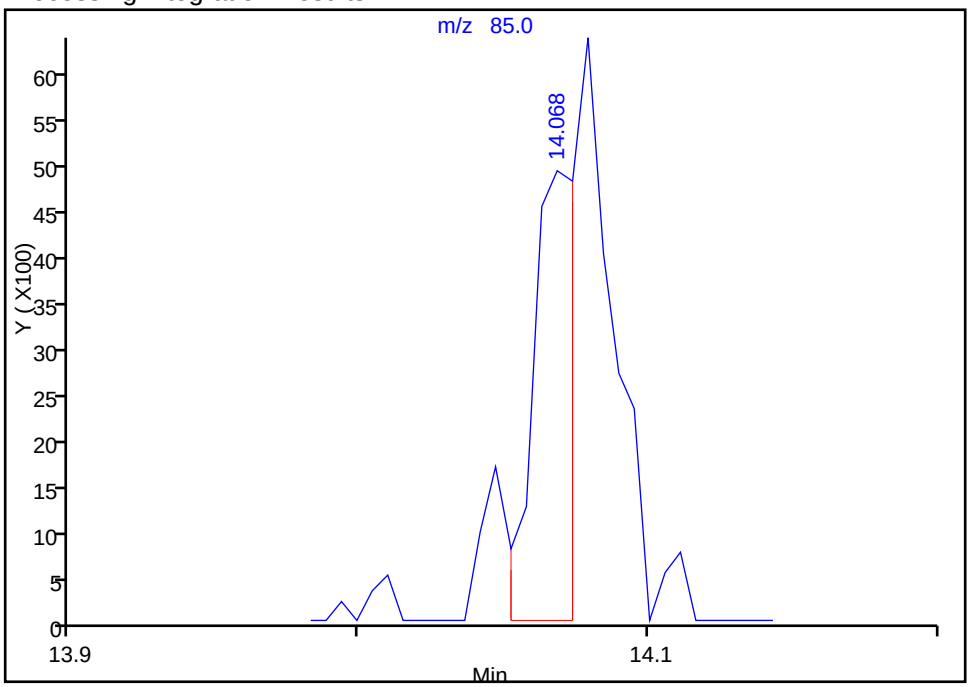
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

71 1,1,2-Trichloroethane, CAS: 79-00-5

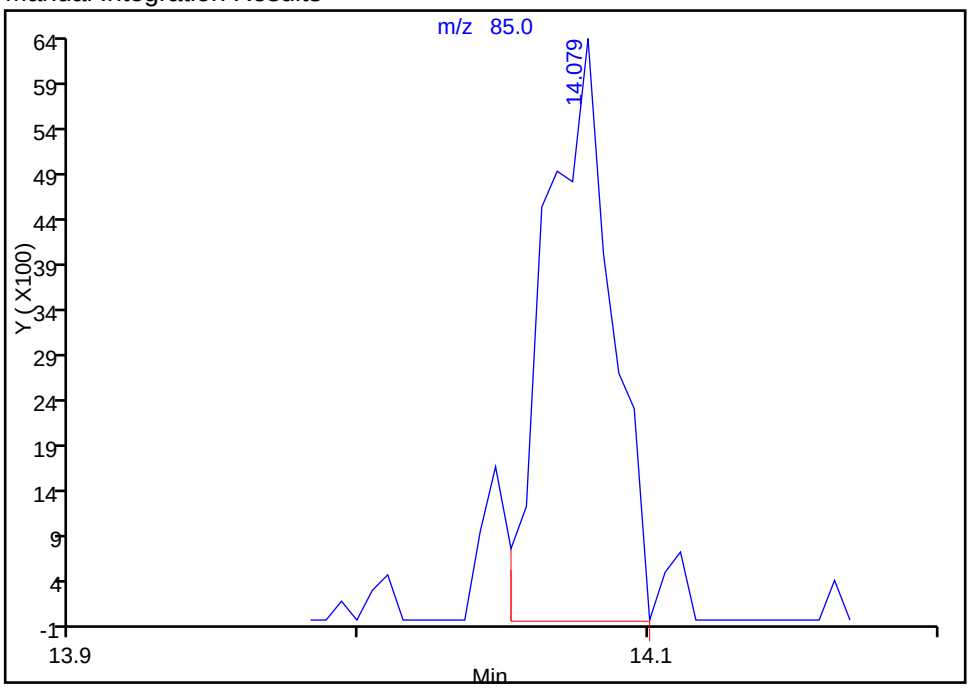
Processing Integration Results

RT: 14.07
Area: 5222
Amount: 0.457085
Amount Units: ppb v/v



Manual Integration Results

RT: 14.08
Area: 10212
Amount: 0.457085
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

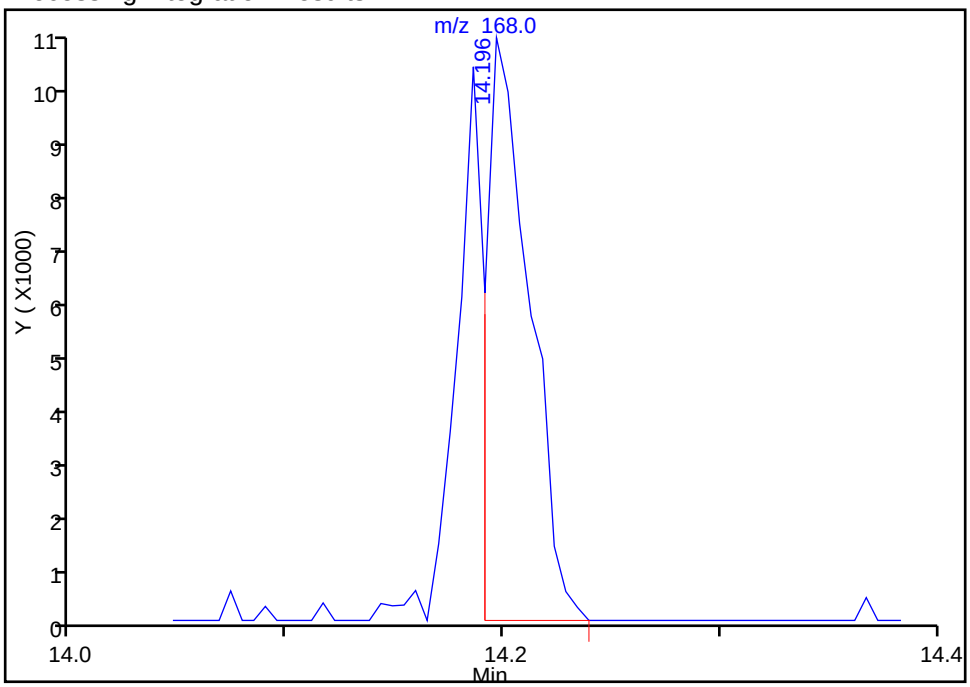
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

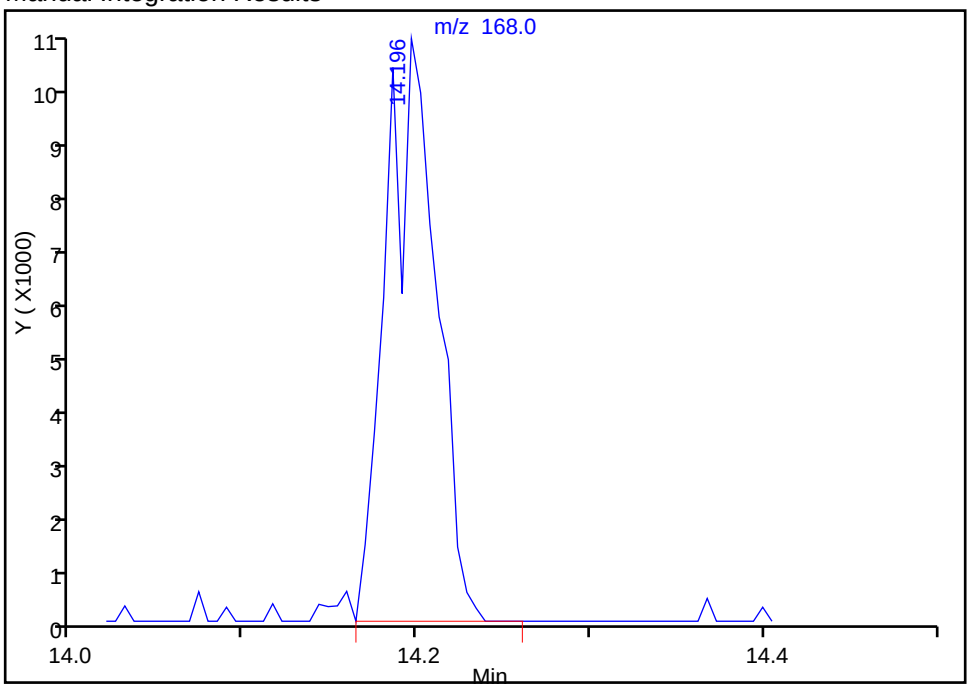
Processing Integration Results

RT: 14.20
Area: 14074
Amount: 0.498549
Amount Units: ppb v/v



Manual Integration Results

RT: 14.20
Area: 20463
Amount: 0.498549
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

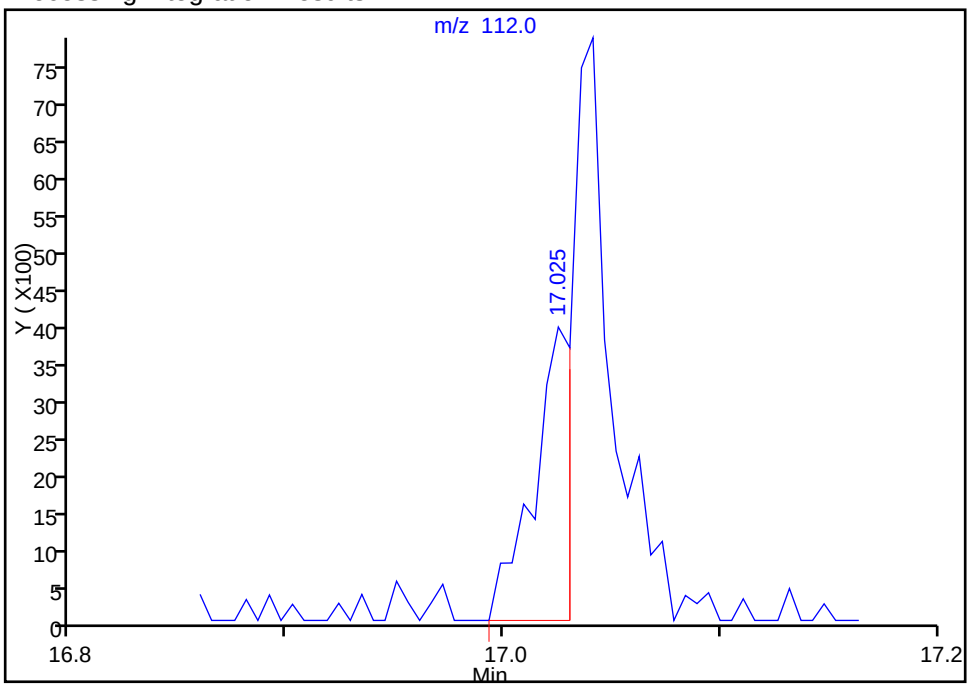
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D				
Injection Date:	20-Jan-2015 19:08:30	Instrument ID:	CHB.i		
Lims ID:	ic				
Client ID:					
Operator ID:	pad	ALS Bottle#:	15	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

89 1,2,3-Trichloropropane, CAS: 96-18-4

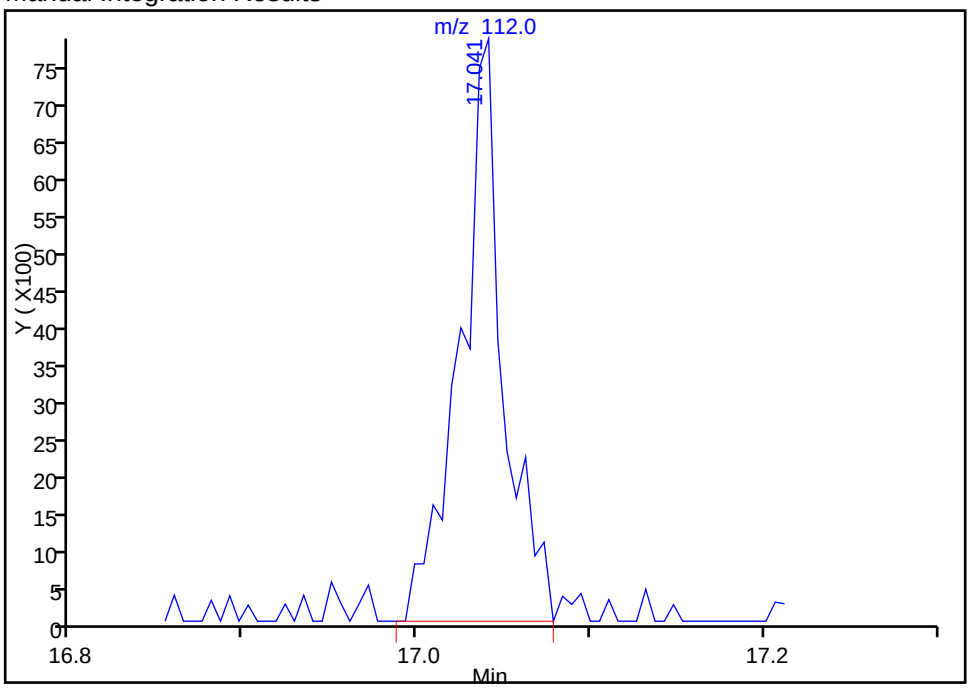
Processing Integration Results

RT: 17.03
Area: 4901
Amount: 0.480902
Amount Units: ppb v/v



Manual Integration Results

RT: 17.04
Area: 13624
Amount: 0.480902
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

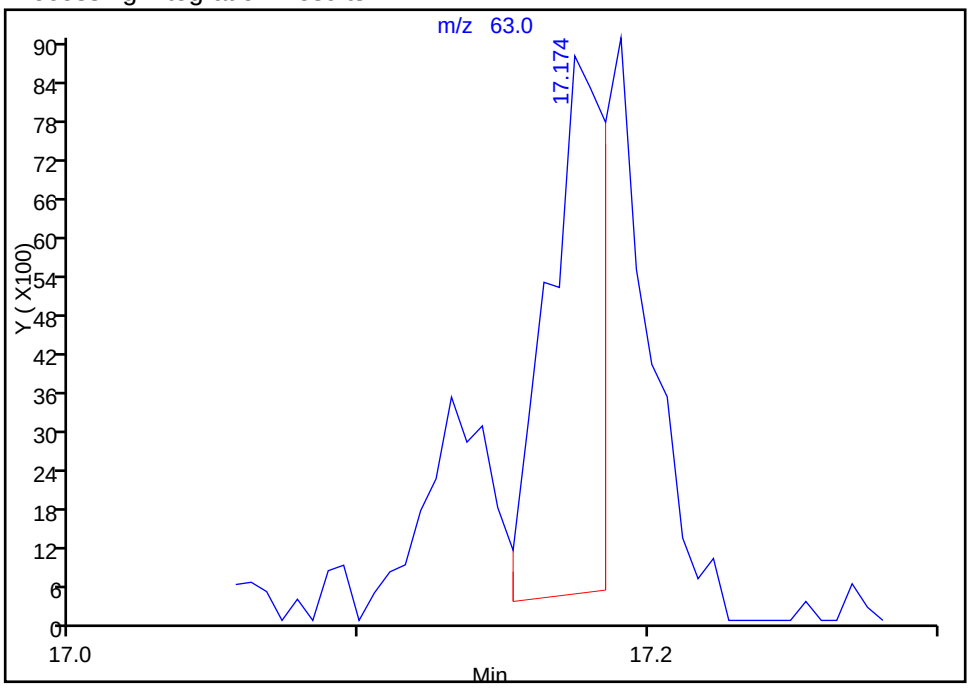
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

92 2-Chlorotoluene, CAS: 95-49-8

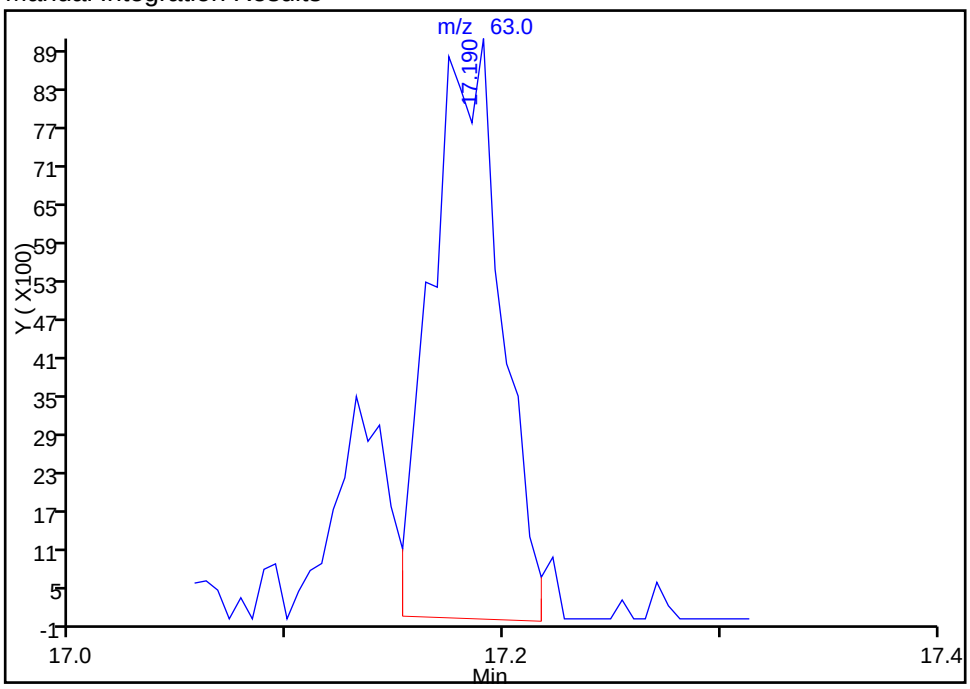
Processing Integration Results

RT: 17.17
Area: 11712
Amount: 0.470777
Amount Units: ppb v/v



Manual Integration Results

RT: 17.19
Area: 20168
Amount: 0.470777
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

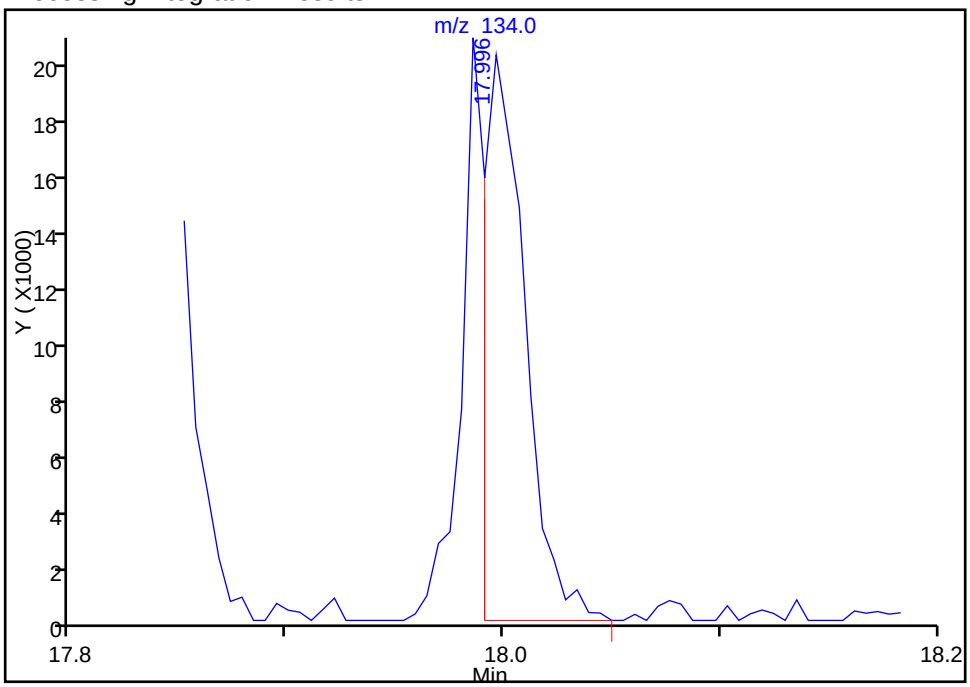
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

98 4-Isopropyltoluene, CAS: 99-87-6

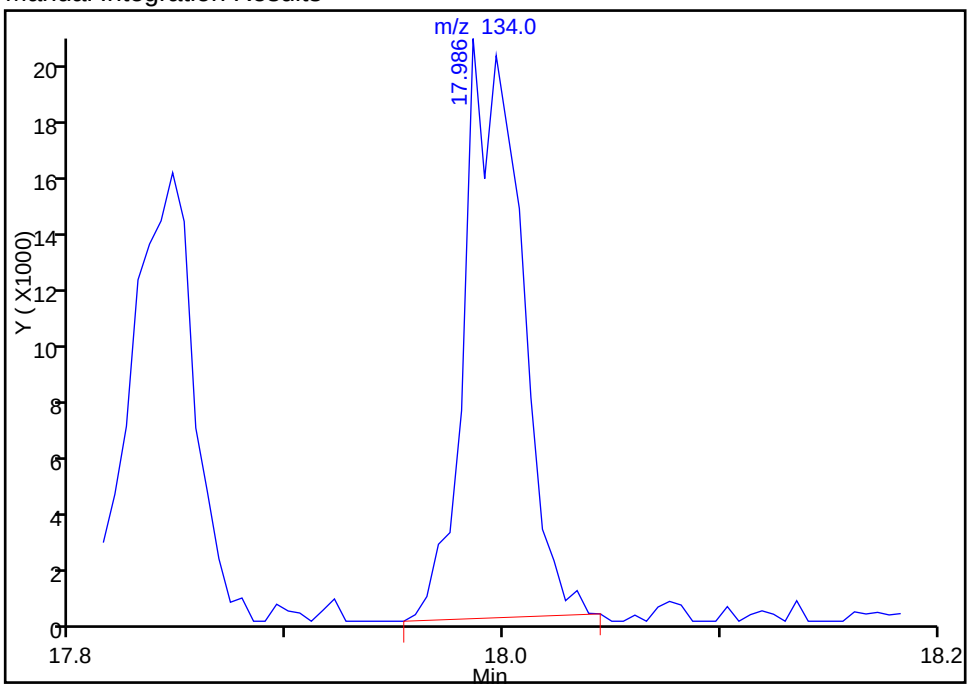
Processing Integration Results

RT: 18.00
Area: 25982
Amount: 0.483692
Amount Units: ppb v/v



Manual Integration Results

RT: 17.99
Area: 36192
Amount: 0.483692
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

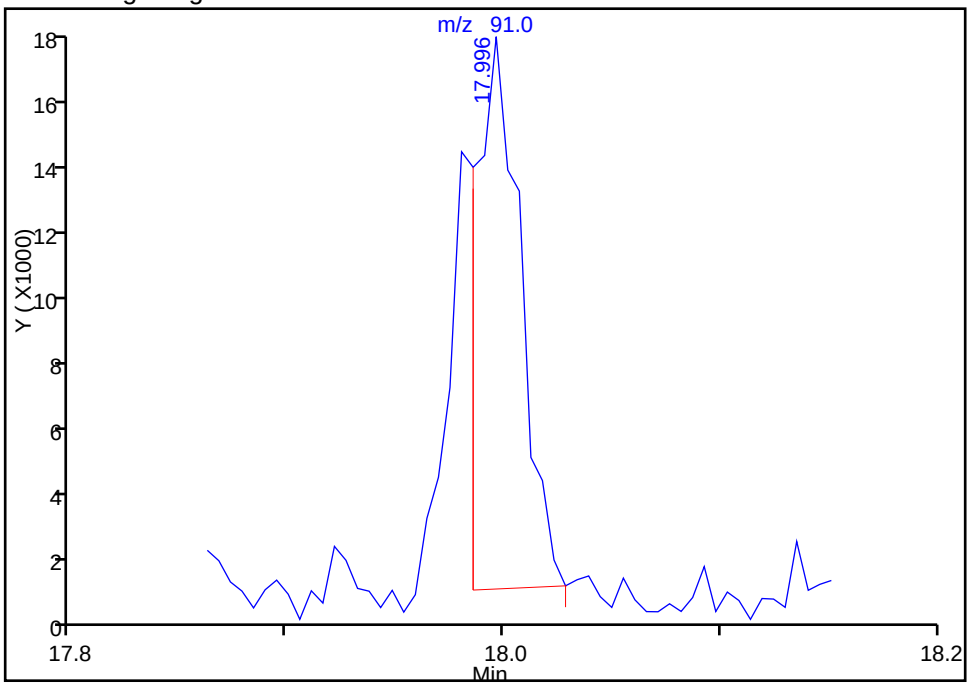
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

98 4-Isopropyltoluene, CAS: 99-87-6

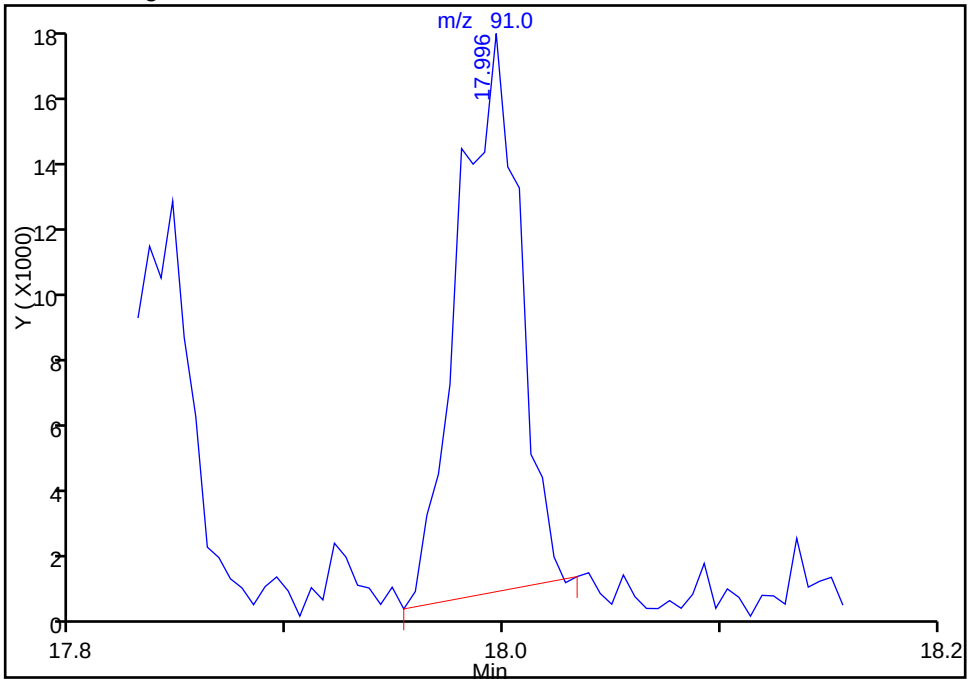
Processing Integration Results

RT: 18.00
Area: 24465
Amount: 0.483692
Amount Units: ppb v/v



Manual Integration Results

RT: 18.00
Area: 33549
Amount: 0.483692
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

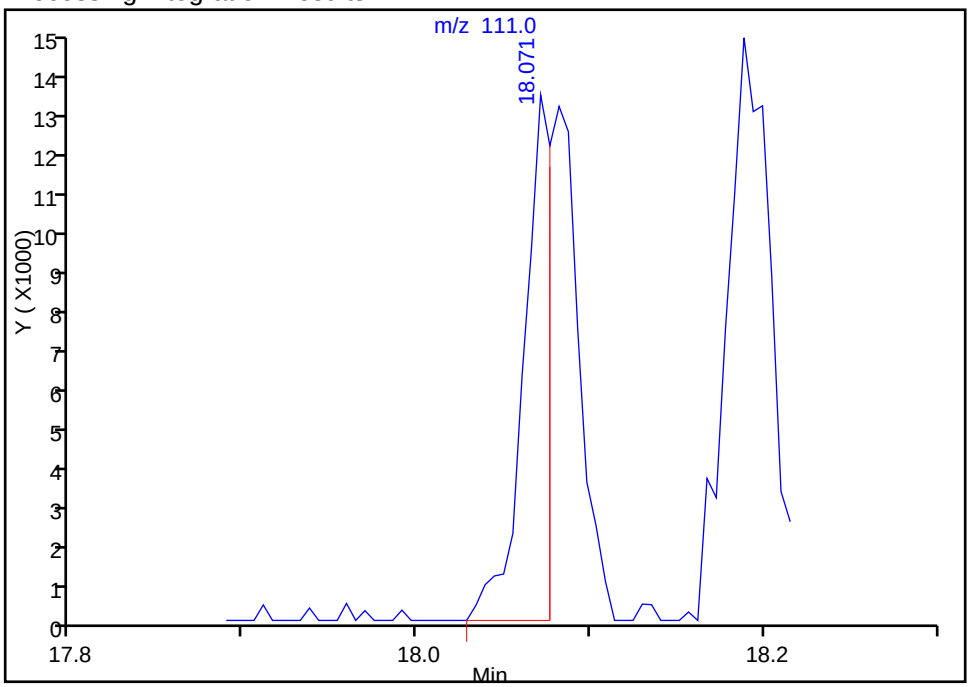
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

99 1,3-Dichlorobenzene, CAS: 541-73-1

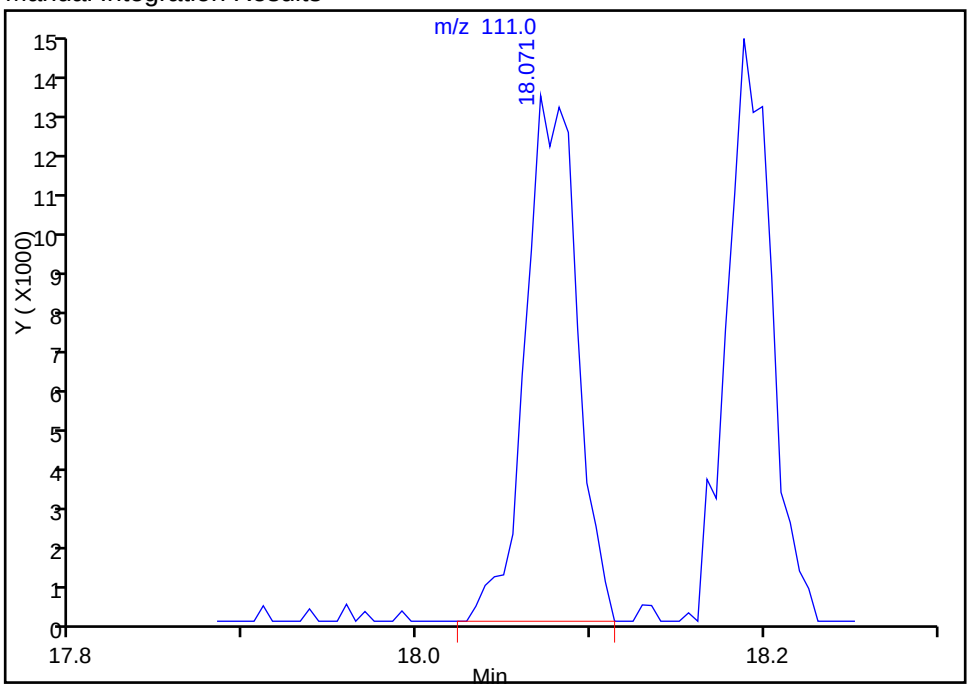
Processing Integration Results

RT: 18.07
Area: 14856
Amount: 0.484609
Amount Units: ppb v/v



Manual Integration Results

RT: 18.07
Area: 27485
Amount: 0.484609
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

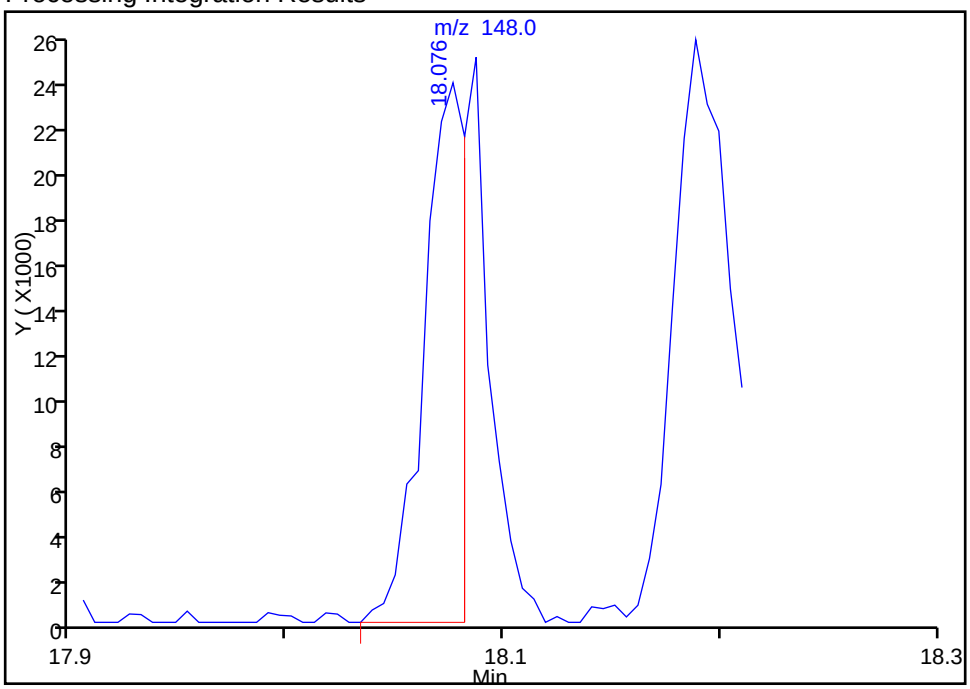
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

99 1,3-Dichlorobenzene, CAS: 541-73-1

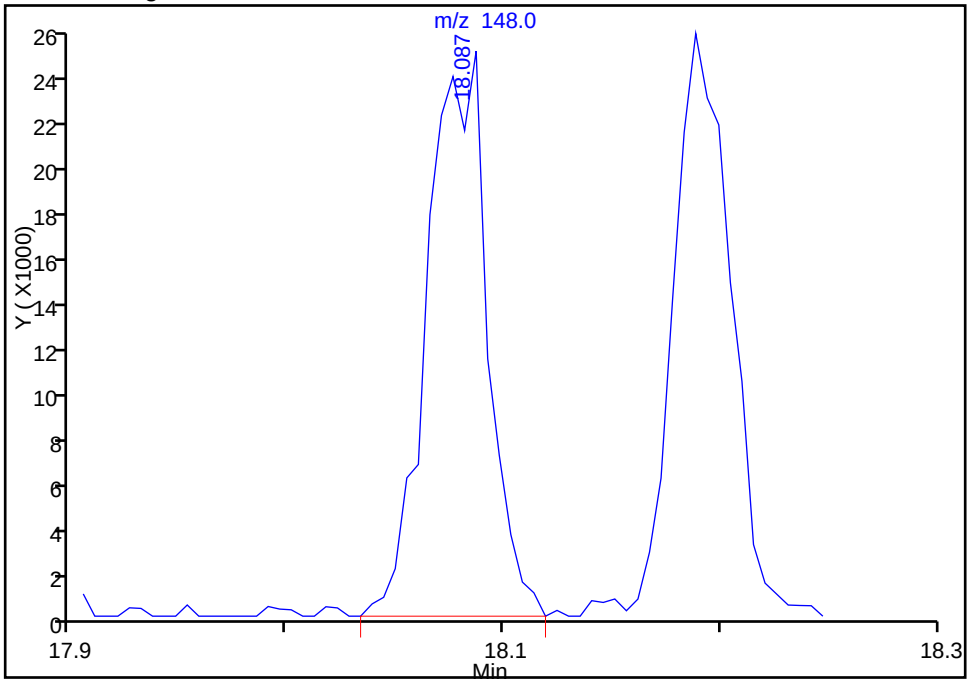
Processing Integration Results

RT: 18.08
Area: 31843
Amount: 0.484609
Amount Units: ppb v/v



Manual Integration Results

RT: 18.09
Area: 47406
Amount: 0.484609
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

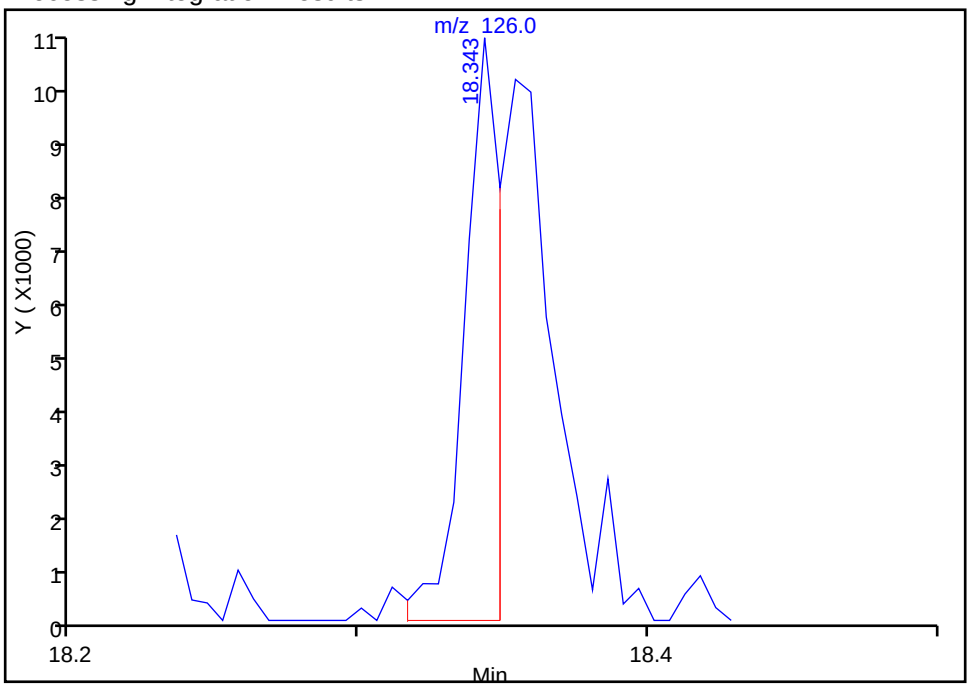
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D
Injection Date: 20-Jan-2015 19:08:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

101 Benzyl chloride, CAS: 100-44-7

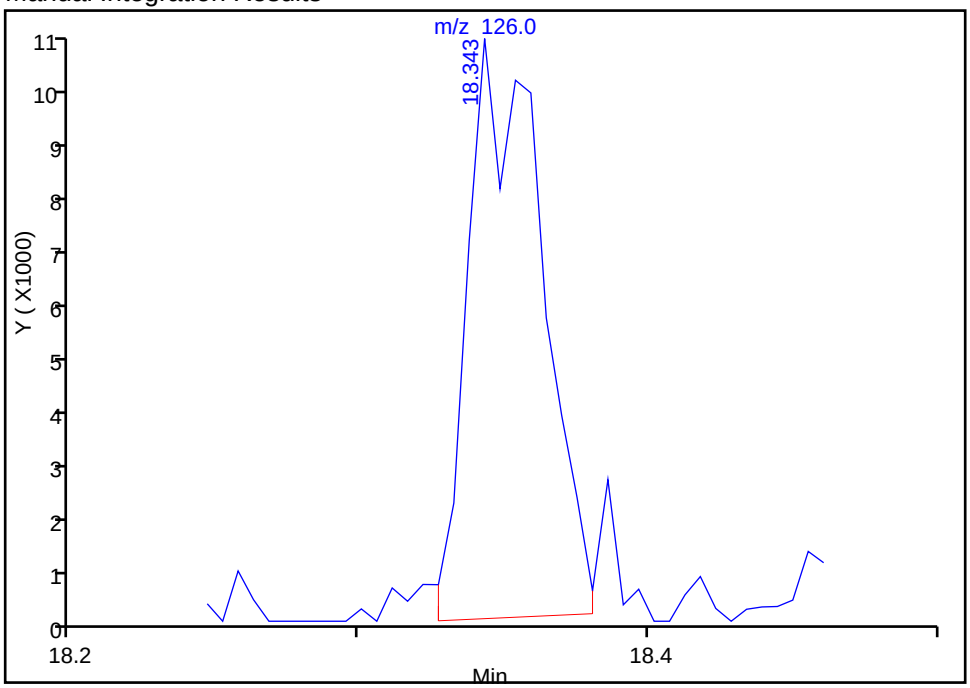
Processing Integration Results

RT: 18.34
Area: 9112
Amount: 0.452277
Amount Units: ppb v/v



Manual Integration Results

RT: 18.34
Area: 18370
Amount: 0.452277
Amount Units: ppb v/v



Reviewer: daiglep, 21-Jan-2015 09:49:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

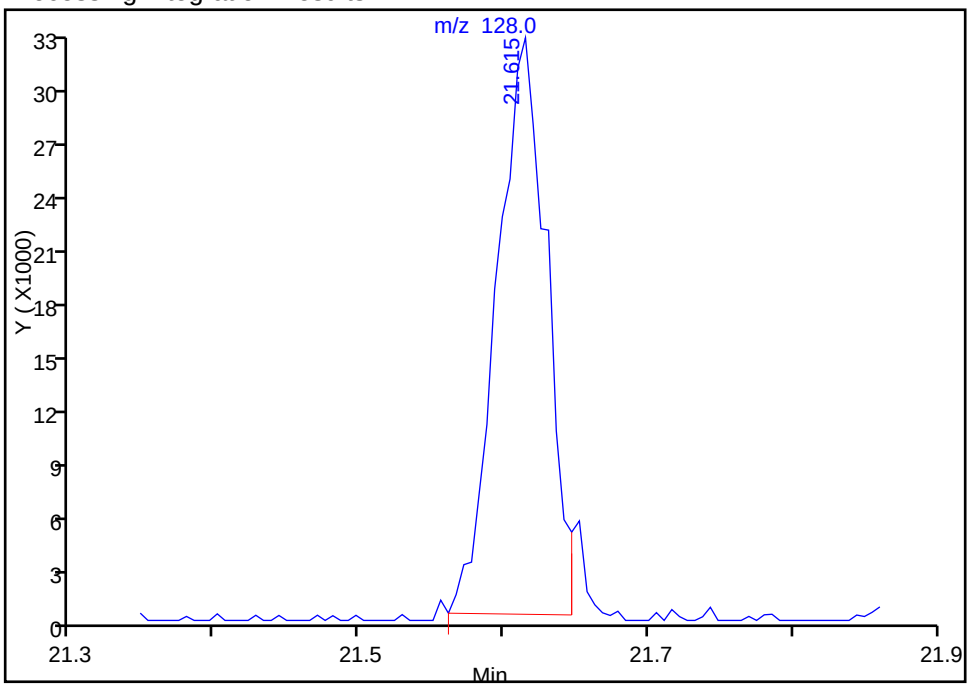
TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_09.D				
Injection Date:	20-Jan-2015 19:08:30	Instrument ID:	CHB.i		
Lims ID:	ic				
Client ID:					
Operator ID:	pad	ALS Bottle#:	15	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

109 Naphthalene, CAS: 91-20-3

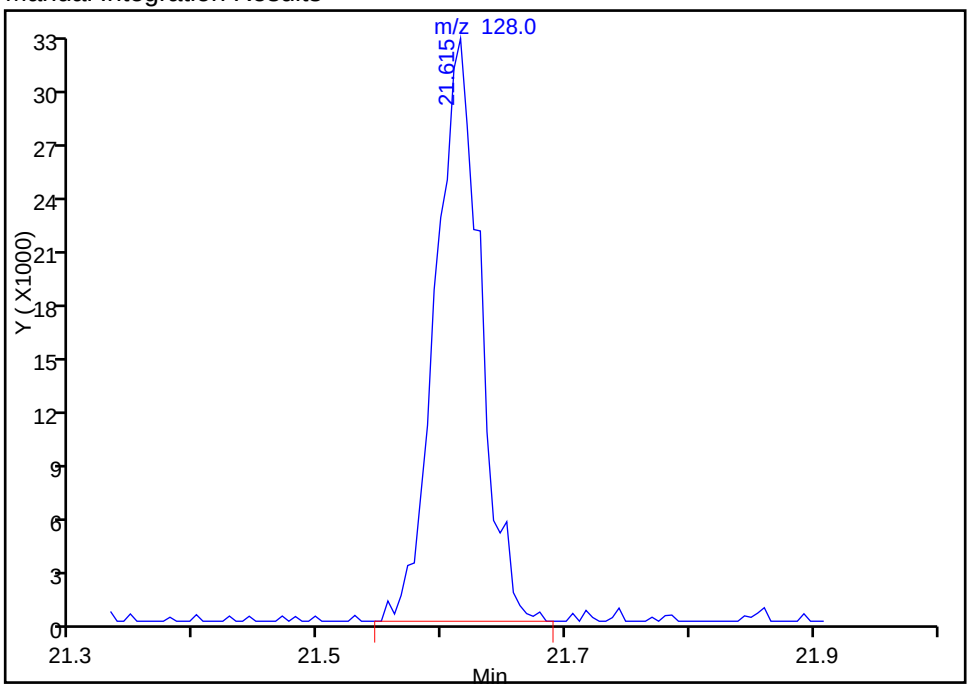
Processing Integration Results

RT: 21.61
Area: 78297
Amount: 0.293583
Amount Units: ppb v/v



Manual Integration Results

RT: 21.61
Area: 83621
Amount: 0.311475
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:31:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_10.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 20-Jan-2015 20:00:30 ALS Bottle#: 16 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011709-010
Misc. Info.: ic-04
Operator ID: pad Instrument ID: CHB.i
Sublist: chrom-TO15_LLNJ_TO3*sub5

Method: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Jan-2015 10:34:30 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK032

First Level Reviewer: lyonsb Date: 21-Jan-2015 08:28:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41	3.160	3.160	0.000	97	156039	4.99	4.75	
5 Dichlorodifluoromethane	85	3.219	3.224	-0.005	99	596746	4.99	4.95	
6 Chlorodifluoromethane	51	3.261	3.261	0.000	96	320947	4.99	4.72	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.448	3.453	-0.005	91	503215	4.99	4.93	
8 Chloromethane	50	3.587	3.587	0.000	98	142937	4.99	4.65	
9 Butane	43	3.763	3.763	0.000	96	274906	4.99	4.91	
10 Vinyl chloride	62	3.806	3.811	-0.005	98	161826	4.99	4.52	
11 Butadiene	54	3.875	3.875	0.000	92	127793	4.99	5.02	
13 BFB									
12 Bromomethane	94	4.579	4.585	-0.006	97	159177	4.99	4.93	
14 Chloroethane	64	4.814	4.825	-0.011	97	86183	4.99	4.94	
15 2-Methylbutane	43	4.889	4.894	-0.005	88	188899	4.99	4.74	
16 Vinyl bromide	106	5.236	5.246	-0.010	96	176292	4.99	4.81	
17 Trichlorofluoromethane	101	5.332	5.337	-0.005	98	586158	4.99	4.95	
18 Pentane	43	5.455	5.471	-0.016	96	297237	4.99	5.02	
19 Ethanol	45	5.812	5.812	0.000	99	137858	10.0	10.1	
21 Ethyl ether	59	5.951	5.956	-0.005	95	112180	4.99	4.58	
22 Acrolein	56	6.351	6.357	-0.006	97	46492	4.99	4.40	
23 1,1,2-Trichloro-1,2,2-trif	101	6.373	6.378	-0.005	95	385838	4.99	5.02	
24 1,1-Dichloroethene	96	6.458	6.458	0.000	97	159464	4.99	4.70	
25 Acetone	43	6.634	6.634	0.000	86	414106	4.99	6.19	
26 Isopropyl alcohol	45	6.832	6.837	-0.005	97	252270	4.99	5.09	
27 Carbon disulfide	76	6.885	6.890	-0.005	99	418205	4.99	4.84	
29 3-Chloro-1-propene	41	7.173	7.173	0.000	83	223578	4.99	4.72	
30 Acetonitrile	41	7.264	7.274	-0.010	95	114272	4.99	4.78	
31 Methylene Chloride	49	7.440	7.445	-0.005	96	202914	4.99	4.65	
32 2-Methyl-2-propanol	59	7.536	7.541	-0.005	98	373055	4.99	5.07	
33 Methyl tert-butyl ether	73	7.771	7.771	0.000	95	550024	4.99	4.95	
34 trans-1,2-Dichloroethene	61	7.840	7.840	0.000	96	250570	4.99	4.85	
35 Acrylonitrile	53	7.947	7.947	0.000	96	109873	4.99	4.66	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57	8.155	8.160	-0.005	91	254274	4.99	4.69	
37 1,1-Dichloroethane	63	8.598	8.598	0.000	71	320311	4.99	5.02	
38 Vinyl acetate	43	8.604	8.603	0.001	99	520018	4.99	4.70	
* 44 Chlorobromomethane	128	9.879	8.648	1.231	86	384607	10.0	10.0	
41 Ethyl acetate	88	9.505	9.500	0.005	92	15226	4.99	4.63	
40 2-Butanone (MEK)	72	9.495	9.500	-0.005	95	91196	4.99	4.68	
39 cis-1,2-Dichloroethene	96	9.500	9.505	-0.005	51	199702	4.99	5.05	
43 Tetrahydrofuran	42	9.879	9.874	0.005	58	211183	4.99	4.74	
45 Chloroform	83	9.943	9.948	-0.005	96	412827	4.99	4.87	
S 42 1,2-Dichloroethene, Total	61				0		9.99	9.90	
47 1,1,1-Trichloroethane	97	10.194	10.194	0.000	97	496871	4.99	4.97	
46 Cyclohexane	84	10.199	10.199	0.000	77	249039	4.99	4.61	
48 Carbon tetrachloride	117	10.397	10.402	-0.005	97	579152	4.99	5.03	
49 Isooctane	57	10.669	10.674	-0.005	96	891885	4.99	4.82	
50 Benzene	78	10.733	10.738	-0.005	97	538745	4.99	4.63	
51 1,2-Dichloroethane	62	10.845	10.850	-0.005	98	299026	4.99	4.71	
52 n-Heptane	43	10.920	10.925	-0.005	90	348606	4.99	4.58	
A 53 GRO	1	10.978	(4.884-17.072)		0	93095300	4.99	0	
* 54 1,4-Difluorobenzene	114	11.277	11.283	-0.005	95	1929131	10.0	10.0	
56 n-Butanol	56	11.453	11.459	-0.006	91	112477	4.99	4.99	
57 Trichloroethene	95	11.635	11.640	-0.005	95	273463	4.99	4.73	
58 1,2-Dichloropropane	63	12.024	12.024	0.000	81	207079	4.99	4.88	
59 Methyl methacrylate	69	12.051	12.056	-0.005	90	214496	4.99	4.74	
60 1,4-Dioxane	88	12.147	12.147	0.000	93	95016	4.99	5.13	
61 Dibromomethane	174	12.211	12.211	0.000	92	307872	4.99	5.23	
62 Dichlorobromomethane	83	12.377	12.382	-0.005	97	498988	4.99	4.86	
A 63 TVOC as Toluene	1	12.627	(3.150-22.105)		0	164462991	4.99	1643.3	
64 cis-1,3-Dichloropropene	75	13.012	13.012	0.000	95	344922	4.99	4.84	
65 4-Methyl-2-pentanone (MIBK	43	13.156	13.161	-0.005	98	514511	4.99	4.60	
A 66 C8 Range	1	13.379	(13.351-13.431)		0	2297760	NC	NC	
67 n-Octane	43	13.396	13.401	-0.005	90	507400	4.99	4.63	
68 Toluene	92	13.433	13.433	0.000	93	442536	4.99	4.89	
A 69 Toluene Range	1	13.448	(13.423-13.473)		0	2044232	NC	NC	
70 trans-1,3-Dichloropropene	75	13.802	13.807	-0.005	94	376800	4.99	4.87	
71 1,1,2-Trichloroethane	83	14.079	14.079	0.000	92	208042	4.99	4.88	
72 Tetrachloroethene	166	14.202	14.196	0.006	96	455834	4.99	5.03	
73 2-Hexanone	43	14.330	14.335	-0.005	97	494419	4.99	4.51	
74 Chlorodibromomethane	129	14.624	14.623	0.001	97	574942	4.99	4.93	
75 Ethylene Dibromide	107	14.826	14.826	0.000	96	437218	4.99	4.89	
* 76 Chlorobenzene-d5	117	15.376	15.376	0.000	87	1744179	10.0	10.0	
77 Chlorobenzene	112	15.413	15.413	0.000	95	642568	4.99	4.94	
78 n-Nonane	57	15.477	15.477	0.000	89	456035	4.99	4.78	
79 Ethylbenzene	91	15.472	15.477	-0.005	99	1048518	4.99	4.79	
80 m-Xylene & p-Xylene	106	15.616	15.621	-0.005	0	818366	9.99	9.79	
S 81 Xylenes, Total	106				0		15.0	14.8	
82 o-Xylene	106	16.129	16.128	0.001	93	410210	4.99	5.02	
83 Styrene	104	16.155	16.155	0.000	93	650972	4.99	4.87	
84 Bromoform	173	16.449	16.449	0.000	95	672117	4.99	5.16	
85 Isopropylbenzene	105	16.534	16.534	0.000	97	1265176	4.99	4.99	
$ 86 4-Bromofluorobenzene	95	16.796	16.801	-0.005	93	1327559	NC	NC	
87 1,1,2,2-Tetrachloroethane	83	16.945	16.950	-0.005	95	573496	4.99	4.88	
88 N-Propylbenzene	91	17.009	17.009	0.000	99	1475836	4.99	4.87	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	17.030	17.036	-0.006	94	475788	4.99	4.83	
90 n-Decane	57	17.063	17.062	0.001	91	590084	4.99	4.75	
91 4-Ethyltoluene	105	17.132	17.132	0.000	98	1275460	4.99	4.98	
92 2-Chlorotoluene	91	17.180	17.180	0.000	98	1059982	4.99	5.05	
93 1,3,5-Trimethylbenzene	105	17.201	17.201	0.000	91	1123691	4.99	4.98	
94 Alpha Methyl Styrene	118	17.479	17.479	0.000	88	537619	4.99	4.97	
95 tert-Butylbenzene	119	17.586	17.580	0.006	92	1070984	4.99	5.02	
96 1,2,4-Trimethylbenzene	105	17.650	17.655	-0.005	98	1129843	4.99	5.03	
97 sec-Butylbenzene	105	17.842	17.842	0.000	98	1547329	4.99	5.01	
98 4-Isopropyltoluene	119	17.996	17.996	0.000	96	1381972	4.99	5.05	
99 1,3-Dichlorobenzene	146	18.082	18.076	0.006	96	795472	4.99	5.17	
100 1,4-Dichlorobenzene	146	18.194	18.194	0.000	93	771648	4.99	4.97	
101 Benzyl chloride	91	18.354	18.354	0.000	98	966076	4.99	4.73	
102 Undecane	57	18.461	18.461	0.000	92	672289	4.99	4.73	
103 n-Butylbenzene	91	18.509	18.509	0.000	97	1219675	4.99	4.97	
104 1,2-Dichlorobenzene	146	18.690	18.690	0.000	95	739935	4.99	5.05	
106 Dodecane	57	19.944	19.944	0.000	89	628644	4.99	4.49	
107 1,2,4-Trichlorobenzene	180	21.103	21.108	-0.005	94	597519	4.99	4.60	
108 Hexachlorobutadiene	225	21.263	21.268	-0.005	90	590292	4.99	5.20	
109 Naphthalene	128	21.610	21.615	-0.005	99	1417999	4.99	5.10	
110 1,2,3-Trichlorobenzene	180	22.095	22.095	0.000	95	546895	4.99	4.56	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL3w_00140	Amount Added: 200.00	Units: mL	
ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

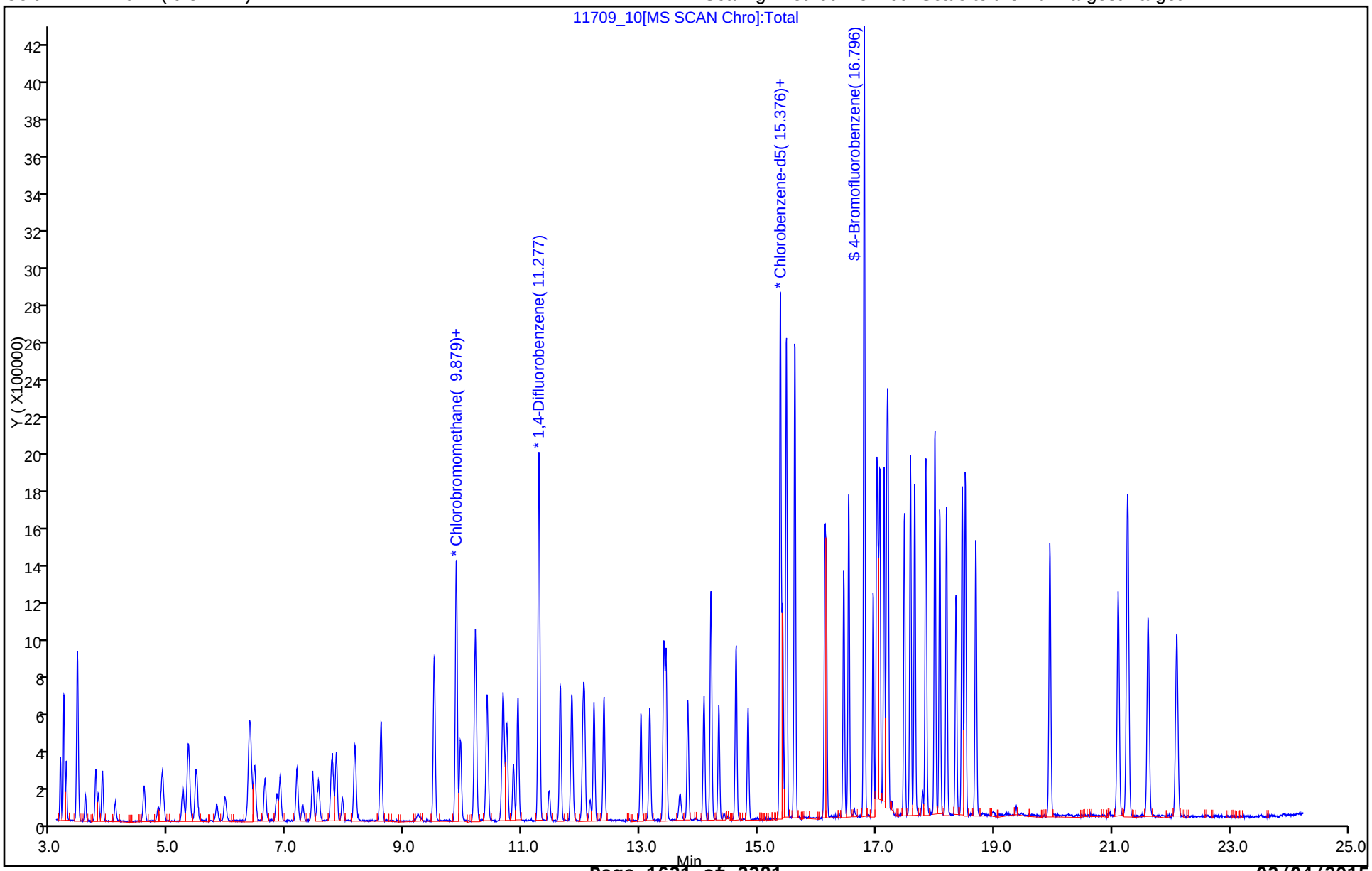
Report Date: 21-Jan-2015 10:34:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_10.D

Injection Date:	20-Jan-2015 20:00:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	ic			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

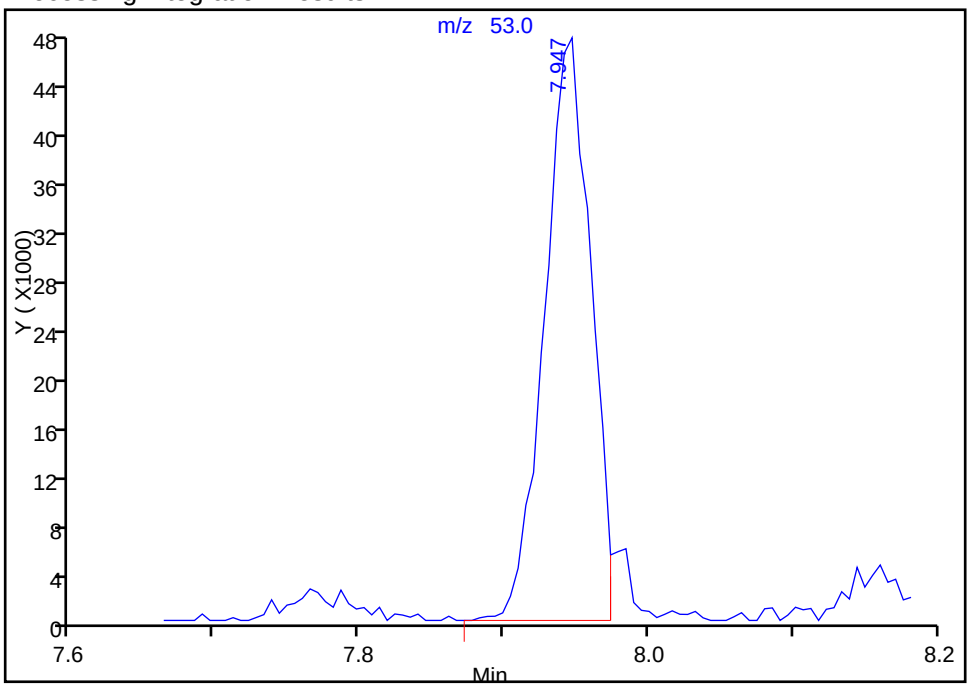
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_10.D
Injection Date: 20-Jan-2015 20:00:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 16 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

35 Acrylonitrile, CAS: 107-13-1

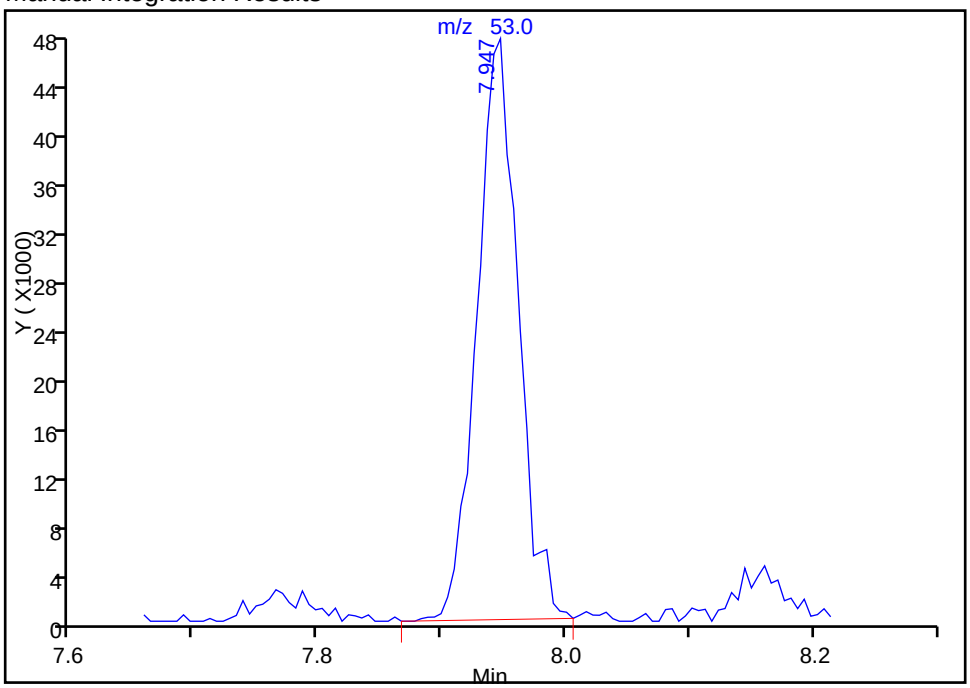
Processing Integration Results

RT: 7.95
Area: 106163
Amount: 5.031097
Amount Units: ppb v/v



Manual Integration Results

RT: 7.95
Area: 109873
Amount: 4.657859
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:28:31
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

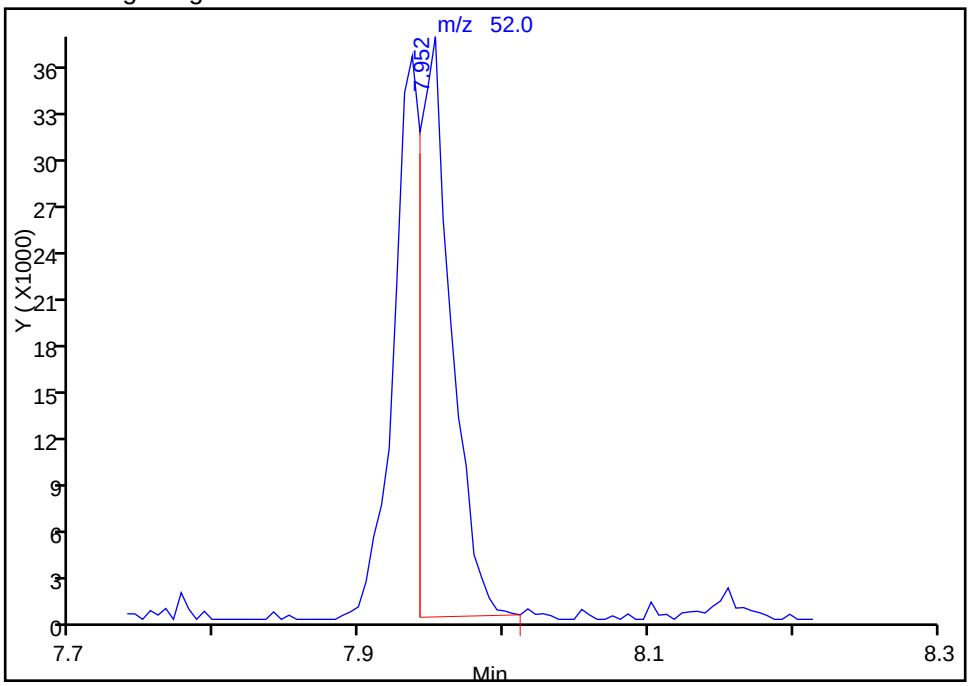
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_10.D
Injection Date: 20-Jan-2015 20:00:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 16 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

35 Acrylonitrile, CAS: 107-13-1

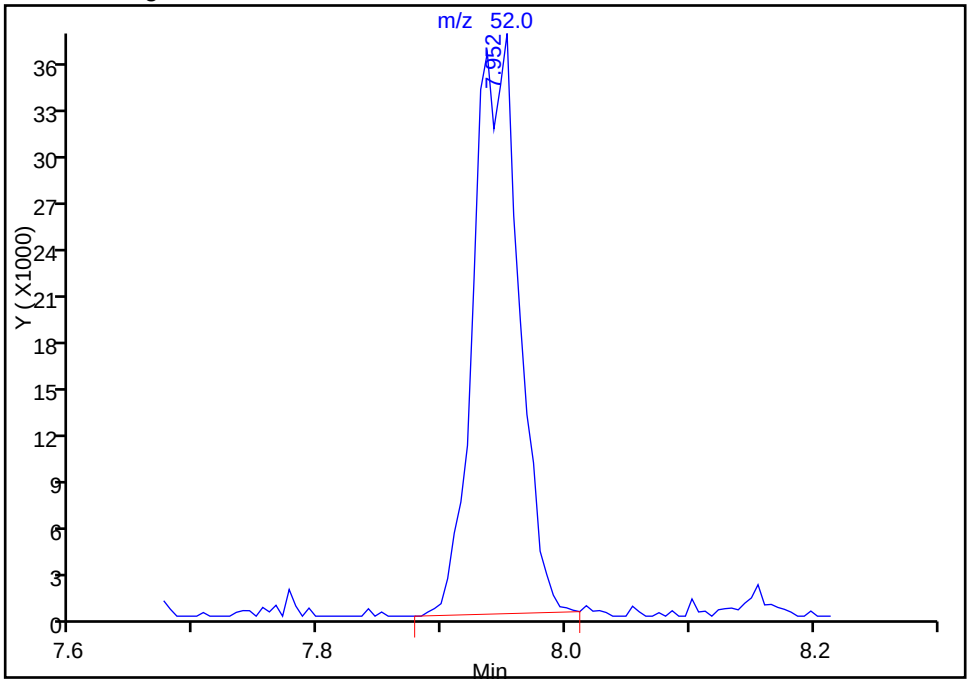
Processing Integration Results

RT: 7.95
Area: 56700
Amount: 5.031097
Amount Units: ppb v/v



Manual Integration Results

RT: 7.95
Area: 94572
Amount: 4.657859
Amount Units: ppb v/v



Reviewer: lyonsb, 21-Jan-2015 08:28:31
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_11.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 20-Jan-2015 20:52:30 ALS Bottle#: 17 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011709-011
Misc. Info.: icis-05
Operator ID: pad Instrument ID: CHB.i
Sublist: chrom-TO15_LLNJ_TO3*sub5

Method: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Jan-2015 10:34:34 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK032

First Level Reviewer: lyonsb Date: 21-Jan-2015 08:10:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41	3.160	3.160	0.000	94	325963	10.0	9.88	
5 Dichlorodifluoromethane	85	3.224	3.224	0.000	99	1254190	10.0	10.4	
6 Chlorodifluoromethane	51	3.261	3.261	0.000	97	692630	10.0	10.2	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.453	3.453	0.000	92	1074500	10.0	10.5	
8 Chloromethane	50	3.587	3.587	0.000	99	318360	10.0	10.3	
9 Butane	43	3.763	3.763	0.000	96	590026	10.0	10.5	
10 Vinyl chloride	62	3.811	3.811	0.000	98	360581	10.0	10.0	
11 Butadiene	54	3.875	3.875	0.000	93	271115	10.0	10.6	
13 BFB									
12 Bromomethane	94	4.585	4.585	0.000	95	332091	10.0	10.3	
14 Chloroethane	64	4.825	4.825	0.000	98	180197	10.0	10.3	
15 2-Methylbutane	43	4.894	4.894	0.000	89	403832	10.0	10.1	
16 Vinyl bromide	106	5.246	5.246	0.000	96	374162	10.0	10.2	
17 Trichlorofluoromethane	101	5.337	5.337	0.000	98	1260697	10.0	10.6	
18 Pentane	43	5.471	5.471	0.000	95	614770	10.0	10.4	
19 Ethanol	45	5.812	5.812	0.000	98	211594	15.0	15.5	
21 Ethyl ether	59	5.956	5.956	0.000	93	244672	10.0	9.95	
22 Acrolein	56	6.357	6.357	0.000	98	110302	10.0	10.4	
23 1,1,2-Trichloro-1,2,2-trif	101	6.378	6.378	0.000	95	821587	10.0	10.7	
24 1,1-Dichloroethene	96	6.458	6.458	0.000	97	355342	10.0	10.4	
25 Acetone	43	6.634	6.634	0.000	85	653171	10.0	9.73	
26 Isopropyl alcohol	45	6.837	6.837	0.000	97	503078	10.0	10.1	
27 Carbon disulfide	76	6.890	6.890	0.000	99	988443	10.0	11.4	
29 3-Chloro-1-propene	41	7.173	7.173	0.000	84	496581	10.0	10.4	
30 Acetonitrile	41	7.274	7.274	0.000	97	246315	10.0	10.3	
31 Methylene Chloride	49	7.445	7.445	0.000	97	441685	10.0	10.1	
32 2-Methyl-2-propanol	59	7.541	7.541	0.000	98	750313	10.0	10.2	
33 Methyl tert-butyl ether	73	7.771	7.771	0.000	96	1193404	10.0	10.7	
34 trans-1,2-Dichloroethene	61	7.840	7.840	0.000	95	551074	10.0	10.6	
35 Acrylonitrile	53	7.947	7.947	0.000	93	248534	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57	8.160	8.160	0.000	89	556992	10.0	10.2	
37 1,1-Dichloroethane	63	8.598	8.598	0.000	71	700243	10.0	10.9	
38 Vinyl acetate	43	8.603	8.603	0.000	99	1152461	10.0	10.4	
* 44 Chlorobromomethane	128	9.879	9.879	0.000	87	385945	10.0	10.0	
41 Ethyl acetate	88	9.500	9.500	0.000	93	36082	10.0	10.9	
40 2-Butanone (MEK)	72	9.500	9.500	0.000	95	194586	10.0	9.95	
39 cis-1,2-Dichloroethene	96	9.505	9.505	0.000	91	416595	10.0	10.5	
43 Tetrahydrofuran	42	9.874	9.874	0.000	84	454048	10.0	10.3	
45 Chloroform	83	9.948	9.948	0.000	97	894762	10.0	10.5	
S 42 1,2-Dichloroethene, Total	61				0		20.0	21.1	
47 1,1,1-Trichloroethane	97	10.194	10.194	0.000	97	1046670	10.0	10.5	
46 Cyclohexane	84	10.199	10.199	0.000	76	545557	10.0	10.2	
48 Carbon tetrachloride	117	10.402	10.402	0.000	97	1195202	10.0	10.5	
49 Isooctane	57	10.674	10.674	0.000	96	1968236	10.0	10.7	
50 Benzene	78	10.738	10.738	0.000	97	1199611	10.0	10.4	
51 1,2-Dichloroethane	62	10.850	10.850	0.000	97	656846	10.0	10.4	
52 n-Heptane	43	10.925	10.925	0.000	91	768469	10.0	10.2	
A 53 GRO	1	10.978	(4.884-17.072)		0	187933952	10.0	0	
* 54 1,4-Difluorobenzene	114	11.283	11.283	0.000	95	1916177	10.0	10.0	
56 n-Butanol	56	11.459	11.459	0.000	94	229792	10.0	10.3	
57 Trichloroethene	95	11.640	11.640	0.000	95	587082	10.0	10.2	
58 1,2-Dichloropropane	63	12.024	12.024	0.000	81	445103	10.0	10.6	
59 Methyl methacrylate	69	12.056	12.056	0.000	90	457540	10.0	10.2	
60 1,4-Dioxane	88	12.147	12.147	0.000	94	187055	10.0	10.2	
61 Dibromomethane	174	12.211	12.211	0.000	92	637532	10.0	10.9	
62 Dichlorobromomethane	83	12.382	12.382	0.000	98	1082424	10.0	10.6	
A 63 TVOC as Toluene	1	12.627	(3.150-22.105)		0	348833779	10.0	3509.2	
64 cis-1,3-Dichloropropene	75	13.012	13.012	0.000	95	746736	10.0	10.6	
65 4-Methyl-2-pentanone (MIBK	43	13.161	13.161	0.000	99	1146773	10.0	10.3	
A 66 C8 Range	1	13.379	(13.351-13.431)		0	4774179	NC	NC	
67 n-Octane	43	13.401	13.401	0.000	91	1153315	10.0	10.6	
68 Toluene	92	13.433	13.433	0.000	93	953444	10.0	10.6	
A 69 Toluene Range	1	13.448	(13.423-13.473)		0	4560464	NC	NC	
70 trans-1,3-Dichloropropene	75	13.807	13.807	0.000	95	834399	10.0	10.9	
71 1,1,2-Trichloroethane	83	14.079	14.079	0.000	92	464508	10.0	11.0	
72 Tetrachloroethene	166	14.196	14.196	0.000	95	960101	10.0	10.7	
73 2-Hexanone	43	14.335	14.335	0.000	96	1135632	10.0	10.4	
74 Chlorodibromomethane	129	14.623	14.623	0.000	97	1228153	10.0	10.6	
75 Ethylene Dibromide	107	14.826	14.826	0.000	97	943206	10.0	10.6	
* 76 Chlorobenzene-d5	117	15.376	15.376	0.000	87	1731329	10.0	10.0	
77 Chlorobenzene	112	15.413	15.413	0.000	93	1377454	10.0	10.7	
78 n-Nonane	57	15.477	15.477	0.000	75	991319	10.0	10.5	
79 Ethylbenzene	91	15.477	15.477	0.000	98	2252644	10.0	10.4	
80 m-Xylene & p-Xylene	106	15.621	15.621	0.000	0	1785574	20.0	21.5	
S 81 Xylenes, Total	106				0		30.0	32.2	
82 o-Xylene	106	16.128	16.128	0.000	92	866602	10.0	10.7	
83 Styrene	104	16.155	16.155	0.000	93	1421416	10.0	10.7	
84 Bromoform	173	16.449	16.449	0.000	95	1402488	10.0	10.9	
85 Isopropylbenzene	105	16.534	16.534	0.000	97	2717020	10.0	10.8	
$ 86 4-Bromofluorobenzene	95	16.801	16.801	0.000	91	1353789	NC	NC	
87 1,1,2,2-Tetrachloroethane	83	16.950	16.950	0.000	95	1250816	10.0	10.7	
88 N-Propylbenzene	91	17.009	17.009	0.000	99	3211301	10.0	10.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	17.036	17.036	0.000	95	1013598	10.0	10.4	
90 n-Decane	57	17.062	17.062	0.000	90	1326280	10.0	10.8	
91 4-Ethyltoluene	105	17.132	17.132	0.000	98	2729236	10.0	10.7	
92 2-Chlorotoluene	91	17.180	17.180	0.000	98	2245632	10.0	10.8	
93 1,3,5-Trimethylbenzene	105	17.201	17.201	0.000	92	2389119	10.0	10.7	
94 Alpha Methyl Styrene	118	17.479	17.479	0.000	87	1124726	10.0	10.5	
95 tert-Butylbenzene	119	17.580	17.580	0.000	92	2264940	10.0	10.7	
96 1,2,4-Trimethylbenzene	105	17.655	17.655	0.000	98	2392760	10.0	10.7	
97 sec-Butylbenzene	105	17.842	17.842	0.000	98	3349467	10.0	10.9	
98 4-Isopropyltoluene	119	17.996	17.996	0.000	96	2917061	10.0	10.7	
99 1,3-Dichlorobenzene	146	18.076	18.076	0.000	95	1679708	10.0	11.0	
100 1,4-Dichlorobenzene	146	18.194	18.194	0.000	93	1674311	10.0	10.9	
101 Benzyl chloride	91	18.354	18.354	0.000	98	2261368	10.0	11.2	
102 Undecane	57	18.461	18.461	0.000	90	1483430	10.0	10.5	
103 n-Butylbenzene	91	18.509	18.509	0.000	98	2641937	10.0	10.8	
104 1,2-Dichlorobenzene	146	18.690	18.690	0.000	95	1619105	10.0	11.1	
106 Dodecane	57	19.944	19.944	0.000	89	1511792	10.0	10.9	
107 1,2,4-Trichlorobenzene	180	21.108	21.108	0.000	92	1448033	10.0	11.2	
108 Hexachlorobutadiene	225	21.268	21.268	0.000	89	1216884	10.0	10.8	
109 Naphthalene	128	21.615	21.615	0.000	99	3108862	10.0	11.3	
110 1,2,3-Trichlorobenzene	180	22.095	22.095	0.000	95	1372103	10.0	11.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL4w_00418	Amount Added: 200.00	Units: mL	
ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

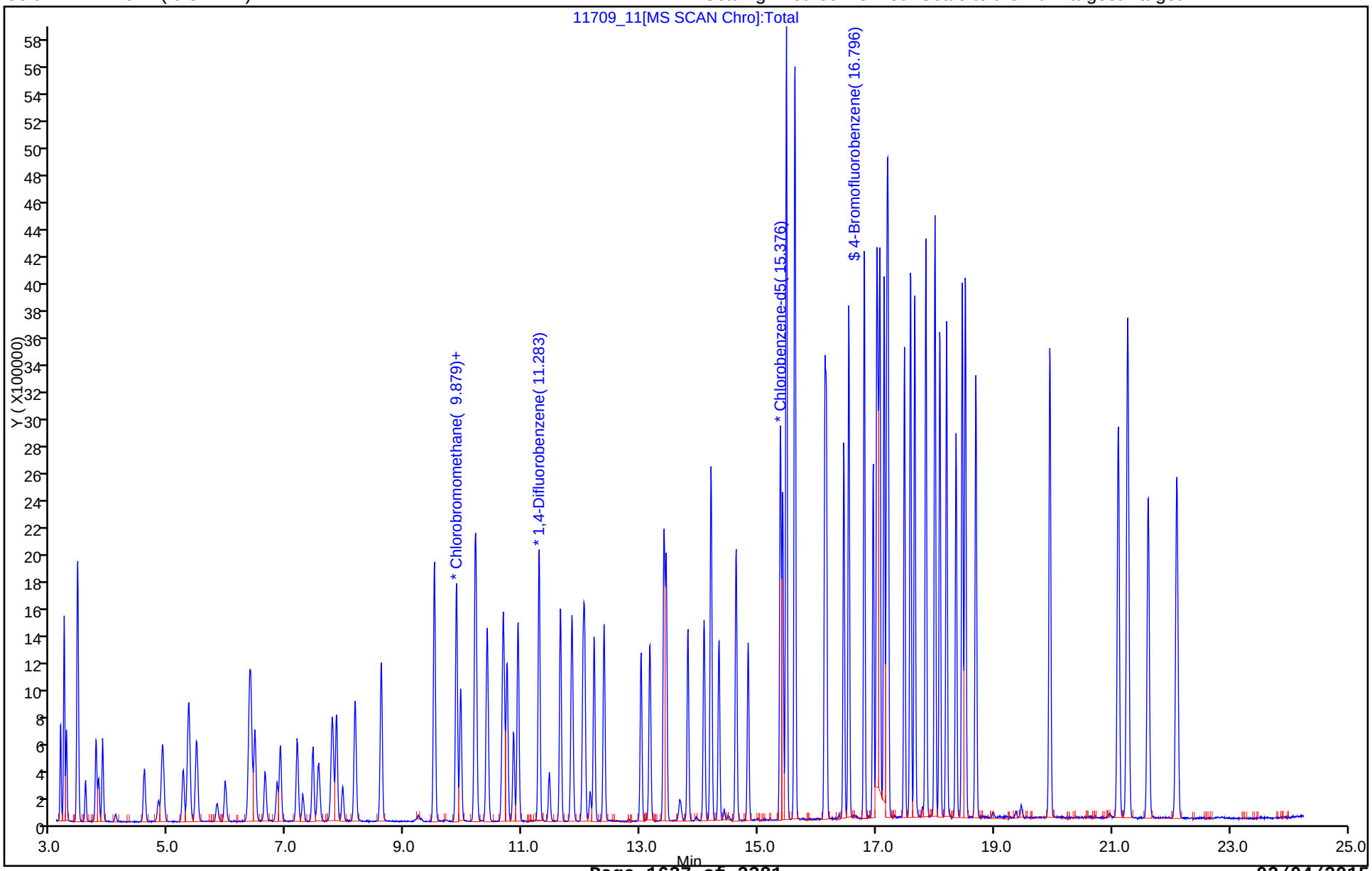
Report Date: 21-Jan-2015 10:34:34 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_11.D

Injection Date:	20-Jan-2015 20:52:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	icis			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_12.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 20-Jan-2015 21:44:30 ALS Bottle#: 18 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011709-012
Misc. Info.: ic-06
Operator ID: pad Instrument ID: CHB.i
Sublist: chrom-TO15_LLNJ_TO3*sub5

Method: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Jan-2015 10:34:37 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK032

First Level Reviewer: lyonsb Date: 21-Jan-2015 08:22:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41	3.165	3.160	0.005	95	486385	15.0	13.6	
5 Dichlorodifluoromethane	85	3.224	3.224	0.000	88	1949002	15.0	14.9	
6 Chlorodifluoromethane	51	3.261	3.261	0.000	54	1070010	15.0	14.5	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.453	3.453	0.000	89	1658924	15.0	14.9	
8 Chloromethane	50	3.587	3.587	0.000	89	487168	15.0	14.6	
9 Butane	43	3.768	3.763	0.005	96	906080	15.0	14.9	
10 Vinyl chloride	62	3.806	3.811	-0.005	73	559434	15.0	14.4	
11 Butadiene	54	3.880	3.875	0.005	96	423116	15.0	15.3	
13 BFB									
12 Bromomethane	94	4.585	4.585	0.000	97	528561	15.0	15.0	
14 Chloroethane	64	4.814	4.825	-0.011	96	287026	15.0	15.1	
15 2-Methylbutane	43	4.894	4.894	0.000	90	628984	15.0	14.5	
16 Vinyl bromide	106	5.241	5.246	-0.005	87	588421	15.0	14.8	
17 Trichlorofluoromethane	101	5.343	5.337	0.006	82	1979735	15.0	15.3	
18 Pentane	43	5.471	5.471	0.000	95	953266	15.0	14.8	
19 Ethanol	45	5.818	5.812	0.006	97	286069	20.0	19.3	
21 Ethyl ether	59	5.951	5.956	-0.005	96	389627	15.0	14.6	
22 Acrolein	56	6.351	6.357	-0.006	58	178394	15.0	15.5	
23 1,1,2-Trichloro-1,2,2-trif	101	6.378	6.378	0.000	92	1265523	15.0	15.1	
24 1,1-Dichloroethene	96	6.458	6.458	0.000	82	549556	15.0	14.9	
25 Acetone	43	6.629	6.634	-0.005	84	1062812	15.0	14.6	
26 Isopropyl alcohol	45	6.842	6.837	0.005	98	809615	15.0	15.0	
27 Carbon disulfide	76	6.890	6.890	0.000	98	1425313	15.0	15.1	
29 3-Chloro-1-propene	41	7.173	7.173	0.000	83	774079	15.0	15.0	
30 Acetonitrile	41	7.275	7.274	0.001	95	379470	15.0	14.6	
31 Methylene Chloride	49	7.445	7.445	0.000	87	682113	15.0	14.4	
32 2-Methyl-2-propanol	59	7.541	7.541	0.000	96	1197088	15.0	14.9	
33 Methyl tert-butyl ether	73	7.776	7.771	0.005	95	1886631	15.0	15.6	
34 trans-1,2-Dichloroethene	61	7.840	7.840	0.000	88	851921	15.0	15.1	
35 Acrylonitrile	53	7.947	7.947	0.000	90	394341	15.0	15.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57	8.161	8.160	0.001	89	862083	15.0	14.6	
37 1,1-Dichloroethane	63	8.598	8.598	0.000	71	1093527	15.0	15.8	
38 Vinyl acetate	43	8.604	8.603	0.001	99	1783499	15.0	14.8	
* 44 Chlorobromomethane	128	9.879	9.879	0.000	66	418609	10.0	10.0	
41 Ethyl acetate	88	9.505	9.500	0.005	91	52362	15.0	14.6	
40 2-Butanone (MEK)	72	9.505	9.500	0.005	95	299263	15.0	14.1	
39 cis-1,2-Dichloroethene	96	9.505	9.505	0.000	47	652112	15.0	15.1	
43 Tetrahydrofuran	42	9.874	9.874	0.000	91	708717	15.0	15.0	
45 Chloroform	83	9.948	9.948	0.000	84	1385382	15.0	15.0	
S 42 1,2-Dichloroethene, Total	61				0		30.0	30.3	
47 1,1,1-Trichloroethane	97	10.205	10.194	0.011	93	1645931	15.0	15.5	
46 Cyclohexane	84	10.199	10.199	0.000	75	854260	15.0	14.9	
48 Carbon tetrachloride	117	10.397	10.402	-0.005	89	1882215	15.0	15.4	
49 Isooctane	57	10.674	10.674	0.000	95	3034015	15.0	15.4	
50 Benzene	78	10.738	10.738	0.000	88	1851161	15.0	15.0	
51 1,2-Dichloroethane	62	10.850	10.850	0.000	84	1017426	15.0	15.1	
52 n-Heptane	43	10.920	10.925	-0.005	92	1193783	15.0	14.8	
A 53 GRO	1	10.978	(4.884-17.072)		0	306608691	15.0	0	
* 54 1,4-Difluorobenzene	114	11.277	11.283	-0.005	95	2052842	10.0	10.0	
56 n-Butanol	56	11.459	11.459	0.000	92	347706	15.0	14.5	
57 Trichloroethene	95	11.646	11.640	0.006	92	921452	15.0	15.0	
58 1,2-Dichloropropane	63	12.030	12.024	0.006	68	689121	15.0	15.3	
59 Methyl methacrylate	69	12.056	12.056	0.000	85	717365	15.0	14.9	
60 1,4-Dioxane	88	12.153	12.147	0.006	85	291158	15.0	14.8	
61 Dibromomethane	174	12.217	12.211	0.006	91	994087	15.0	15.9	
62 Dichlorobromomethane	83	12.382	12.382	0.000	94	1677506	15.0	15.4	
A 63 TVOC as Toluene	1	12.627	(3.150-22.105)		0	540593554	15.0	5076.2	
64 cis-1,3-Dichloropropene	75	13.012	13.012	0.000	92	1175550	15.0	15.5	
65 4-Methyl-2-pentanone (MIBK	43	13.161	13.161	0.000	99	1817004	15.0	15.3	
A 66 C8 Range	1	13.382	(13.351-13.431)		0	8181000	NC	NC	
67 n-Octane	43	13.396	13.401	-0.005	90	1742183	15.0	15.0	
68 Toluene	92	13.439	13.433	0.006	91	1460107	15.0	15.2	
A 69 Toluene Range	1	13.448	(13.423-13.473)		0	6125251	NC	NC	
70 trans-1,3-Dichloropropene	75	13.807	13.807	0.000	93	1298982	15.0	15.8	
71 1,1,2-Trichloroethane	83	14.079	14.079	0.000	88	699771	15.0	15.5	
72 Tetrachloroethene	166	14.202	14.196	0.006	91	1486913	15.0	15.5	
73 2-Hexanone	43	14.330	14.335	-0.005	96	1775891	15.0	15.3	
74 Chlorodibromomethane	129	14.624	14.623	0.001	95	1913274	15.0	15.5	
75 Ethylene Dibromide	107	14.826	14.826	0.000	96	1447313	15.0	15.3	
* 76 Chlorobenzene-d5	117	15.376	15.376	0.000	84	1846715	10.0	10.0	
77 Chlorobenzene	112	15.413	15.413	0.000	83	2114523	15.0	15.3	
78 n-Nonane	57	15.477	15.477	0.000	75	1537920	15.0	15.2	
79 Ethylbenzene	91	15.477	15.477	0.000	69	3533066	15.0	15.2	
80 m-Xylene & p-Xylene	106	15.622	15.621	0.001	0	2744073	30.0	31.0	
S 81 Xylenes, Total	106				0		45.0	46.5	
82 o-Xylene	106	16.129	16.128	0.001	91	1340241	15.0	15.5	
83 Styrene	104	16.155	16.155	0.000	92	2237569	15.0	15.8	
84 Bromoform	173	16.449	16.449	0.000	94	2151972	15.0	15.6	
85 Isopropylbenzene	105	16.534	16.534	0.000	97	4192070	15.0	15.6	
$ 86 4-Bromofluorobenzene	95	16.796	16.801	-0.005	88	1445536	NC	NC	
87 1,1,2,2-Tetrachloroethane	83	16.945	16.950	-0.005	91	1942471	15.0	15.6	
88 N-Propylbenzene	91	17.009	17.009	0.000	95	5013054	15.0	15.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	17.036	17.036	0.000	90	1575187	15.0	15.1	
90 n-Decane	57	17.063	17.062	0.000	89	2000648	15.0	15.2	
91 4-Ethyltoluene	105	17.137	17.132	0.005	68	4219891	15.0	15.6	
92 2-Chlorotoluene	91	17.180	17.180	0.000	97	3539389	15.0	15.9	
93 1,3,5-Trimethylbenzene	105	17.201	17.201	0.000	91	3696606	15.0	15.5	
94 Alpha Methyl Styrene	118	17.479	17.479	0.000	87	1833643	15.0	16.0	
95 tert-Butylbenzene	119	17.580	17.580	0.000	89	3546244	15.0	15.7	
96 1,2,4-Trimethylbenzene	105	17.655	17.655	0.000	86	3764584	15.0	15.8	
97 sec-Butylbenzene	105	17.842	17.842	0.000	98	5237872	15.0	16.0	
98 4-Isopropyltoluene	119	17.996	17.996	0.000	86	4546700	15.0	15.7	
99 1,3-Dichlorobenzene	146	18.082	18.076	0.006	95	2615011	15.0	16.0	
100 1,4-Dichlorobenzene	146	18.194	18.194	0.000	93	2626016	15.0	16.0	
101 Benzyl chloride	91	18.354	18.354	0.000	97	3495325	15.0	16.2	
102 Undecane	57	18.461	18.461	0.000	91	2194097	15.0	14.6	
103 n-Butylbenzene	91	18.509	18.509	0.000	89	4039714	15.0	15.5	
104 1,2-Dichlorobenzene	146	18.690	18.690	0.000	94	2453297	15.0	15.8	
106 Dodecane	57	19.944	19.944	0.000	89	2204062	15.0	14.9	
107 1,2,4-Trichlorobenzene	180	21.108	21.108	0.000	94	2209636	15.0	16.1	
108 Hexachlorobutadiene	225	21.268	21.268	0.000	86	1835240	15.0	15.3	
109 Naphthalene	128	21.615	21.615	0.000	99	4739360	15.0	16.1	
110 1,2,3-Trichlorobenzene	180	22.101	22.095	0.006	93	2084147	15.0	16.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL5w_00050	Amount Added: 200.00	Units: mL	
ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

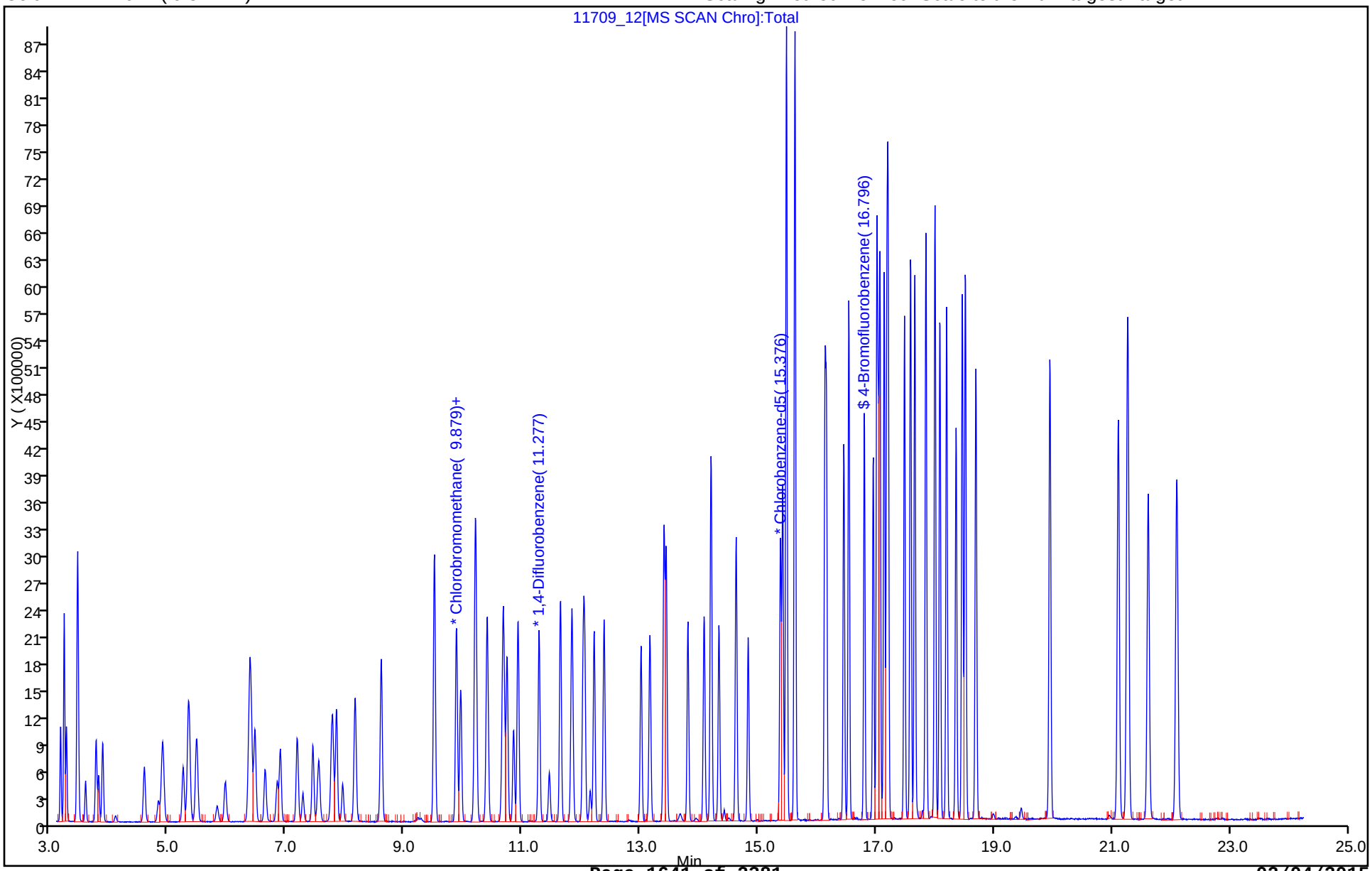
Report Date: 21-Jan-2015 10:34:37 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_12.D

Injection Date:	20-Jan-2015 21:44:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	ic			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_13.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 20-Jan-2015 22:36:30 ALS Bottle#: 19 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011709-013
Misc. Info.: ic-07
Operator ID: pad Instrument ID: CHB.i
Sublist: chrom-TO15_LLNJ_TO3*sub5

Method: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Jan-2015 10:34:40 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK032

First Level Reviewer: lyonsb Date: 21-Jan-2015 08:23:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41	3.165	3.160	0.005	95	656438	20.0	18.0	
5 Dichlorodifluoromethane	85	3.224	3.224	0.000	99	2617791	20.0	19.6	
6 Chlorodifluoromethane	51	3.261	3.261	0.000	97	1465497	20.0	19.4	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.453	3.453	0.000	93	2199508	20.0	19.4	
8 Chloromethane	50	3.587	3.587	0.000	99	654948	20.0	19.2	
9 Butane	43	3.763	3.763	0.000	95	1215517	20.0	19.6	
10 Vinyl chloride	62	3.811	3.811	0.000	98	744579	20.0	18.8	
11 Butadiene	54	3.880	3.875	0.005	94	578451	20.0	20.5	
13 BFB									
12 Bromomethane	94	4.585	4.585	0.000	97	709546	20.0	19.8	
14 Chloroethane	64	4.825	4.825	0.000	98	388597	20.0	20.1	
15 2-Methylbutane	43	4.894	4.894	0.000	92	878933	20.0	19.9	
16 Vinyl bromide	106	5.241	5.246	-0.005	97	807422	20.0	19.9	
17 Trichlorofluoromethane	101	5.343	5.337	0.005	98	2683106	20.0	20.4	
18 Pentane	43	5.471	5.471	0.000	95	1324091	20.0	20.2	
19 Ethanol	45	5.828	5.812	0.016	99	595693	40.0	39.4	
21 Ethyl ether	59	5.962	5.956	0.006	94	519187	20.0	19.1	
22 Acrolein	56	6.362	6.357	0.005	97	247516	20.0	21.1	
23 1,1,2-Trichloro-1,2,2-trif	101	6.383	6.378	0.005	95	1719547	20.0	20.2	
24 1,1-Dichloroethene	96	6.463	6.458	0.005	96	736671	20.0	19.6	
25 Acetone	43	6.634	6.634	0.000	84	1383309	20.0	18.6	
26 Isopropyl alcohol	45	6.842	6.837	0.005	98	1091910	20.0	19.9	
27 Carbon disulfide	76	6.896	6.890	0.006	99	1889848	20.0	19.7	
29 3-Chloro-1-propene	41	7.178	7.173	0.005	83	1080441	20.0	20.6	
30 Acetonitrile	41	7.274	7.274	0.000	95	544012	20.0	20.5	
31 Methylene Chloride	49	7.445	7.445	0.000	98	938261	20.0	19.4	
32 2-Methyl-2-propanol	59	7.552	7.541	0.011	97	1631767	20.0	20.0	
33 Methyl tert-butyl ether	73	7.771	7.771	0.000	95	2530243	20.0	20.5	
34 trans-1,2-Dichloroethene	61	7.846	7.840	0.006	95	1180145	20.0	20.6	
35 Acrylonitrile	53	7.947	7.947	0.000	93	538122	20.0	20.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57	8.160	8.160	0.000	89	1176860	20.0	19.6	
37 1,1-Dichloroethane	63	8.603	8.598	0.005	68	1492415	20.0	21.1	
38 Vinyl acetate	43	8.609	8.603	0.006	99	2469628	20.0	20.2	
40 2-Butanone (MEK)	72	9.505	9.500	0.005	94	405619	20.0	18.8	
41 Ethyl acetate	88	9.511	9.500	0.011	92	74924	20.0	20.6	
39 cis-1,2-Dichloroethene	96	9.511	9.505	0.006	51	869407	20.0	19.8	
43 Tetrahydrofuran	42	9.879	9.874	0.005	90	958663	20.0	20.1	
* 44 Chlorobromomethane	128	9.879	9.879	0.000	90	426443	10.0	10.0	
45 Chloroform	83	9.954	9.948	0.006	97	1905761	20.0	20.3	
S 42 1,2-Dichloroethene, Total	61				0		40.0	40.4	
47 1,1,1-Trichloroethane	97	10.204	10.194	0.010	97	2209989	20.0	20.6	
46 Cyclohexane	84	10.204	10.199	0.005	76	1150857	20.0	19.9	
48 Carbon tetrachloride	117	10.402	10.402	0.000	97	2555203	20.0	20.7	
49 Isooctane	57	10.674	10.674	0.000	96	4126569	20.0	20.8	
50 Benzene	78	10.738	10.738	0.000	97	2519895	20.0	20.2	
51 1,2-Dichloroethane	62	10.850	10.850	0.000	98	1400615	20.0	20.6	
52 n-Heptane	43	10.925	10.925	0.000	92	1636765	20.0	20.1	
A 53 GRO	1	10.978	(4.884-17.072)		0	394768020	20.0	0	
* 54 1,4-Difluorobenzene	114	11.282	11.283	0.000	95	2066979	10.0	10.0	
56 n-Butanol	56	11.459	11.459	0.000	95	469824	20.0	19.5	
57 Trichloroethene	95	11.645	11.640	0.005	96	1267815	20.0	20.5	
58 1,2-Dichloropropane	63	12.030	12.024	0.006	82	953319	20.0	21.0	
59 Methyl methacrylate	69	12.056	12.056	0.000	88	998751	20.0	20.6	
60 1,4-Dioxane	88	12.147	12.147	0.000	94	400995	20.0	20.2	
61 Dibromomethane	174	12.216	12.211	0.005	93	1300123	20.0	20.6	
62 Dichlorobromomethane	83	12.382	12.382	0.000	98	2275107	20.0	20.7	
A 63 TVOC as Toluene	1	12.627	(3.150-22.105)		0	718861011	20.0	6704.0	
64 cis-1,3-Dichloropropene	75	13.012	13.012	0.000	95	1576418	20.0	20.7	
65 4-Methyl-2-pentanone (MIBK	43	13.161	13.161	0.000	98	2448338	20.0	20.4	
A 66 C8 Range	1	13.382	(13.351-13.431)		0	10864811	NC	NC	
67 n-Octane	43	13.401	13.401	0.000	91	2365252	20.0	20.2	
68 Toluene	92	13.439	13.433	0.006	92	1962296	20.0	20.4	
A 69 Toluene Range	1	13.448	(13.423-13.473)		0	8626376	NC	NC	
70 trans-1,3-Dichloropropene	75	13.807	13.807	0.000	95	1759619	20.0	21.2	
71 1,1,2-Trichloroethane	83	14.079	14.079	0.000	91	961977	20.0	21.3	
72 Tetrachloroethene	166	14.202	14.196	0.006	95	1959394	20.0	20.4	
73 2-Hexanone	43	14.335	14.335	0.000	98	2425269	20.0	20.8	
74 Chlorodibromomethane	129	14.623	14.623	0.000	97	2570895	20.0	20.8	
75 Ethylene Dibromide	107	14.832	14.826	0.006	96	1959066	20.0	20.7	
* 76 Chlorobenzene-d5	117	15.376	15.376	0.000	87	1850814	10.0	10.0	
77 Chlorobenzene	112	15.413	15.413	0.000	93	2847886	20.0	20.6	
78 n-Nonane	57	15.483	15.477	0.006	91	2110257	20.0	20.8	
79 Ethylbenzene	91	15.477	15.477	0.000	99	4737657	20.0	20.4	
80 m-Xylene & p-Xylene	106	15.621	15.621	0.000	0	3664699	40.0	41.3	
S 81 Xylenes, Total	106				0		60.0	61.9	
82 o-Xylene	106	16.128	16.128	0.000	92	1788341	20.0	20.6	
83 Styrene	104	16.155	16.155	0.000	93	3044167	20.0	21.5	
84 Bromoform	173	16.454	16.449	0.005	95	2858210	20.0	20.7	
85 Isopropylbenzene	105	16.534	16.534	0.000	97	5636872	20.0	21.0	
$ 86 4-Bromofluorobenzene	95	16.801	16.801	0.000	91	1442868	NC	NC	
87 1,1,2,2-Tetrachloroethane	83	16.950	16.950	0.000	96	2593727	20.0	20.8	
88 N-Propylbenzene	91	17.014	17.009	0.005	99	6798229	20.0	21.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	17.036	17.036	0.000	95	2122760	20.0	20.3	
90 n-Decane	57	17.062	17.062	0.000	92	2666094	20.0	20.2	
91 4-Ethyltoluene	105	17.137	17.132	0.005	99	5709024	20.0	21.0	
92 2-Chlorotoluene	91	17.180	17.180	0.000	97	4708953	20.0	21.1	
93 1,3,5-Trimethylbenzene	105	17.201	17.201	0.000	91	4947493	20.0	20.7	
94 Alpha Methyl Styrene	118	17.479	17.479	0.000	87	2429801	20.0	21.2	
95 tert-Butylbenzene	119	17.585	17.580	0.005	92	4685176	20.0	20.7	
96 1,2,4-Trimethylbenzene	105	17.655	17.655	0.000	98	5025709	20.0	21.1	
97 sec-Butylbenzene	105	17.842	17.842	0.000	98	6882065	20.0	21.0	
98 4-Isopropyltoluene	119	17.996	17.996	0.000	97	5846140	20.0	20.1	
99 1,3-Dichlorobenzene	146	18.082	18.076	0.006	95	3421836	20.0	20.9	
100 1,4-Dichlorobenzene	146	18.194	18.194	0.000	93	3374245	20.0	20.5	
101 Benzyl chloride	91	18.354	18.354	0.000	98	4567670	20.0	21.1	
102 Undecane	57	18.461	18.461	0.000	93	3055789	20.0	20.3	
103 n-Butylbenzene	91	18.514	18.509	0.005	97	5225558	20.0	20.1	
104 1,2-Dichlorobenzene	146	18.695	18.690	0.005	95	3141863	20.0	20.2	
106 Dodecane	57	19.950	19.944	0.006	92	3089579	20.0	20.8	
107 1,2,4-Trichlorobenzene	180	21.108	21.108	0.000	94	2917087	20.0	21.2	
108 Hexachlorobutadiene	225	21.273	21.268	0.005	89	2405840	20.0	20.0	
109 Naphthalene	128	21.615	21.615	0.000	99	6329948	20.0	21.5	
110 1,2,3-Trichlorobenzene	180	22.100	22.095	0.005	96	2708668	20.0	21.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL6w_00101	Amount Added: 200.00	Units: mL	
ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

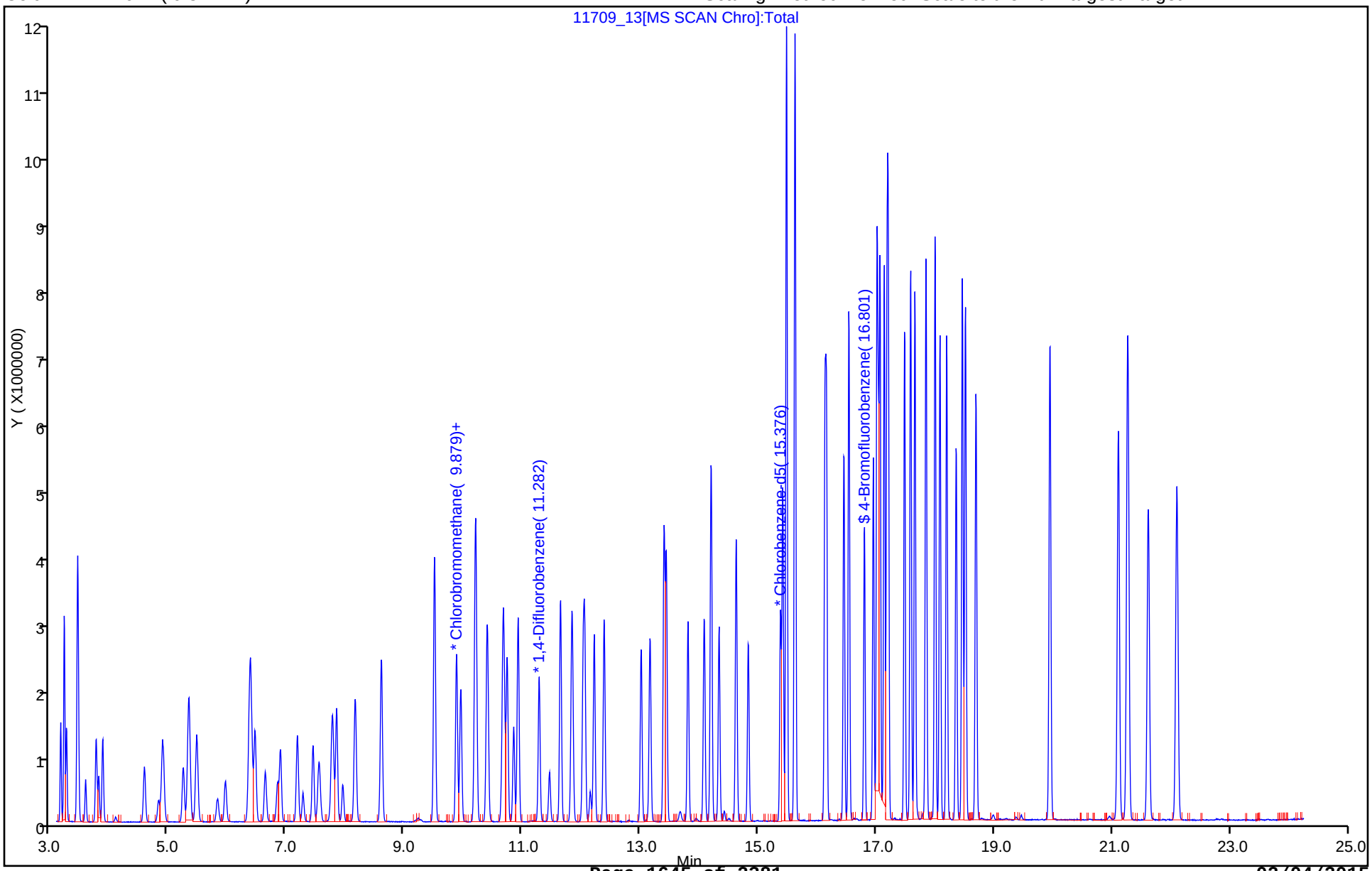
Report Date: 21-Jan-2015 10:34:40 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_13.D

Injection Date:	20-Jan-2015 22:36:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	ic			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 20-Jan-2015 23:27:30 ALS Bottle#: 20 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011709-014
Misc. Info.: ic-08
Operator ID: pad Instrument ID: CHB.i
Sublist: chrom-TO15_LLNJ_TO3*sub5

Method: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Jan-2015 10:34:43 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK032

First Level Reviewer: lyonsb Date: 21-Jan-2015 08:24:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41	3.165	3.160	0.005	95	1366244	40.0	36.0	
5 Dichlorodifluoromethane	85	3.224	3.224	0.000	88	5516894	40.0	39.7	
6 Chlorodifluoromethane	51	3.261	3.261	0.000	52	3016475	40.0	38.4	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.453	3.453	0.000	91	4593950	40.0	39.0	
8 Chloromethane	50	3.587	3.587	0.000	89	1371181	40.0	38.7	
9 Butane	43	3.768	3.763	0.005	95	2522751	40.0	39.0	
10 Vinyl chloride	62	3.811	3.811	0.000	82	1576549	40.0	38.2	
11 Butadiene	54	3.875	3.875	0.000	94	1214317	40.0	41.3	
13 BFB									
12 Bromomethane	94	4.585	4.585	0.000	97	1477184	40.0	39.6	
14 Chloroethane	64	4.825	4.825	0.000	95	813363	40.0	40.4	
15 2-Methylbutane	43	4.900	4.894	0.006	87	1816635	40.0	39.5	
16 Vinyl bromide	106	5.247	5.246	0.001	86	1640825	40.0	38.8	
17 Trichlorofluoromethane	101	5.337	5.337	0.000	83	5618040	40.0	41.1	
18 Pentane	43	5.476	5.471	0.005	95	2776547	40.0	40.6	
19 Ethanol	45	5.834	5.812	0.022	99	1528226	100.0	97.0	
21 Ethyl ether	59	5.962	5.956	0.006	95	1081057	40.0	38.2	
22 Acrolein	56	6.362	6.357	0.005	47	480945	40.0	39.4	
23 1,1,2-Trichloro-1,2,2-trif	101	6.383	6.378	0.005	94	3587659	40.0	40.4	
24 1,1-Dichloroethene	96	6.469	6.458	0.011	88	1539480	40.0	39.3	
25 Acetone	43	6.640	6.634	0.006	83	2727299	40.0	35.3	
26 Isopropyl alcohol	45	6.853	6.837	0.016	97	2236206	40.0	39.1	
27 Carbon disulfide	76	6.896	6.890	0.006	98	3963552	40.0	39.7	
29 3-Chloro-1-propene	41	7.184	7.173	0.011	83	2240886	40.0	41.0	
30 Acetonitrile	41	7.280	7.274	0.006	97	1119234	40.0	40.6	
31 Methylene Chloride	49	7.445	7.445	0.000	89	1916609	40.0	38.0	
32 2-Methyl-2-propanol	59	7.557	7.541	0.016	97	3315926	40.0	39.0	
33 Methyl tert-butyl ether	73	7.782	7.771	0.011	94	5311398	40.0	41.4	
34 trans-1,2-Dichloroethene	61	7.846	7.840	0.006	88	2449140	40.0	41.0	
35 Acrylonitrile	53	7.952	7.947	0.005	95	1128839	40.0	41.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57	8.161	8.160	0.001	89	2464808	40.0	39.4	
37 1,1-Dichloroethane	63	8.604	8.598	0.006	70	3116034	40.0	42.3	
38 Vinyl acetate	43	8.609	8.603	0.006	99	5221130	40.0	40.9	
40 2-Butanone (MEK)	72	9.505	9.500	0.005	94	835925	40.0	37.1	
41 Ethyl acetate	88	9.511	9.500	0.011	92	147492	40.0	38.9	
39 cis-1,2-Dichloroethene	96	9.511	9.505	0.006	46	1796793	40.0	39.3	
43 Tetrahydrofuran	42	9.879	9.874	0.005	92	2002351	40.0	40.8	
* 44 Chlorobromomethane	128	9.879	9.879	0.000	45	444141	10.0	10.0	
45 Chloroform	83	9.954	9.948	0.006	91	3966006	40.0	40.5	
S 42 1,2-Dichloroethene, Total	61				0		80.0	80.4	
47 1,1,1-Trichloroethane	97	10.205	10.194	0.011	92	4594335	40.0	41.7	
46 Cyclohexane	84	10.205	10.199	0.006	75	2384283	40.0	40.0	
48 Carbon tetrachloride	117	10.402	10.402	0.000	88	5317984	40.0	41.9	
49 Isooctane	57	10.680	10.674	0.006	95	8693337	40.0	42.6	
50 Benzene	78	10.738	10.738	0.000	95	5268089	40.0	41.1	
51 1,2-Dichloroethane	62	10.850	10.850	0.000	83	2878080	40.0	41.1	
52 n-Heptane	43	10.925	10.925	0.000	91	3426468	40.0	40.9	
A 53 GRO	1	10.978	(4.884-17.072)		0	847216401	40.0	0	
* 54 1,4-Difluorobenzene	114	11.283	11.283	0.001	95	2126262	10.0	10.0	
56 n-Butanol	56	11.464	11.459	0.005	93	1025916	40.0	41.3	
57 Trichloroethene	95	11.646	11.640	0.006	92	2570064	40.0	40.4	
58 1,2-Dichloropropane	63	12.030	12.024	0.006	73	1966650	40.0	42.1	
59 Methyl methacrylate	69	12.062	12.056	0.006	89	2032471	40.0	40.7	
60 1,4-Dioxane	88	12.158	12.147	0.011	88	780255	40.0	38.3	
61 Dibromomethane	174	12.217	12.211	0.006	94	2663328	40.0	41.0	
62 Dichlorobromomethane	83	12.387	12.382	0.005	94	4742149	40.0	41.9	
A 63 TVOC as Toluene	1	12.627	(3.150-22.105)		0	1473574059	40.0	13359	
64 cis-1,3-Dichloropropene	75	13.012	13.012	0.000	90	3308932	40.0	42.1	
65 4-Methyl-2-pentanone (MIBK	43	13.167	13.161	0.006	98	5030914	40.0	40.8	
A 66 C8 Range	1	13.382	(13.351-13.431)		0	21498005	NC	NC	
67 n-Octane	43	13.401	13.401	0.000	90	5008102	40.0	41.5	
68 Toluene	92	13.444	13.433	0.011	92	4141076	40.0	41.4	
A 69 Toluene Range	1	13.448	(13.423-13.473)		0	19059531	NC	NC	
70 trans-1,3-Dichloropropene	75	13.807	13.807	0.000	92	3678906	40.0	43.1	
71 1,1,2-Trichloroethane	83	14.085	14.079	0.005	90	1978036	40.0	42.0	
72 Tetrachloroethene	166	14.202	14.196	0.006	89	3952545	40.0	39.5	
73 2-Hexanone	43	14.335	14.335	0.000	97	4990330	40.0	41.2	
74 Chlorodibromomethane	129	14.629	14.623	0.006	96	5302158	40.0	41.2	
75 Ethylene Dibromide	107	14.832	14.826	0.006	96	4053316	40.0	41.0	
* 76 Chlorobenzene-d5	117	15.376	15.376	0.000	80	1927893	10.0	10.0	
77 Chlorobenzene	112	15.419	15.413	0.006	83	5918321	40.0	41.2	
78 n-Nonane	57	15.483	15.477	0.006	75	4397784	40.0	41.7	
79 Ethylbenzene	91	15.477	15.477	0.000	70	9961190	40.0	41.2	
80 m-Xylene & p-Xylene	106	15.622	15.621	0.001	0	7666272	80.0	83.0	e
S 81 Xylenes, Total	106				0		120.0	124.5	
82 o-Xylene	106	16.134	16.128	0.006	91	3752179	40.0	41.6	
83 Styrene	104	16.161	16.155	0.006	93	6315110	40.0	42.8	
84 Bromoform	173	16.454	16.449	0.005	94	5781952	40.0	40.2	
85 Isopropylbenzene	105	16.539	16.534	0.005	95	11949501	40.0	42.7	
$ 86 4-Bromofluorobenzene	95	16.801	16.801	0.000	88	1501806	NC	NC	
87 1,1,2,2-Tetrachloroethane	83	16.950	16.950	0.000	92	5394153	40.0	41.5	
88 N-Propylbenzene	91	17.014	17.009	0.005	95	14076338	40.0	42.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	17.041	17.036	0.005	87	4390198	40.0	40.4	
90 n-Decane	57	17.068	17.062	0.006	90	5474716	40.0	39.9	
91 4-Ethyltoluene	105	17.137	17.132	0.005	66	11718224	40.0	41.4	
92 2-Chlorotoluene	91	17.185	17.180	0.005	97	9773244	40.0	42.1	
93 1,3,5-Trimethylbenzene	105	17.207	17.201	0.006	91	9998661	40.0	40.1	
94 Alpha Methyl Styrene	118	17.484	17.479	0.005	85	4845258	40.0	40.5	
95 tert-Butylbenzene	119	17.586	17.580	0.006	88	9438090	40.0	40.0	
96 1,2,4-Trimethylbenzene	105	17.660	17.655	0.005	85	10173533	40.0	41.0	
97 sec-Butylbenzene	105	17.847	17.842	0.005	98	14261266	40.0	41.8	
98 4-Isopropyltoluene	119	18.002	17.996	0.006	84	12464898	40.0	41.2	
99 1,3-Dichlorobenzene	146	18.082	18.076	0.006	94	6802975	40.0	40.0	
100 1,4-Dichlorobenzene	146	18.199	18.194	0.005	94	6850775	40.0	40.0	
101 Benzyl chloride	91	18.359	18.354	0.005	97	9471925	40.0	42.0	
102 Undecane	57	18.466	18.461	0.005	93	6372302	40.0	40.6	
103 n-Butylbenzene	91	18.514	18.509	0.005	95	11352983	40.0	41.8	
104 1,2-Dichlorobenzene	146	18.696	18.690	0.006	94	6443929	40.0	39.8	
106 Dodecane	57	19.950	19.944	0.006	88	6048863	40.0	39.1	
107 1,2,4-Trichlorobenzene	180	21.113	21.108	0.005	93	5840572	40.0	40.7	
108 Hexachlorobutadiene	225	21.268	21.268	0.000	85	4585278	40.0	36.5	
109 Naphthalene	128	21.620	21.615	0.005	99	13306820	40.0	43.3	
110 1,2,3-Trichlorobenzene	180	22.101	22.095	0.006	92	5441258	40.0	41.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

e - Potential Peak Saturated

Reagents:

ATTO15CAL7w_00051	Amount Added: 200.00	Units: mL	
ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

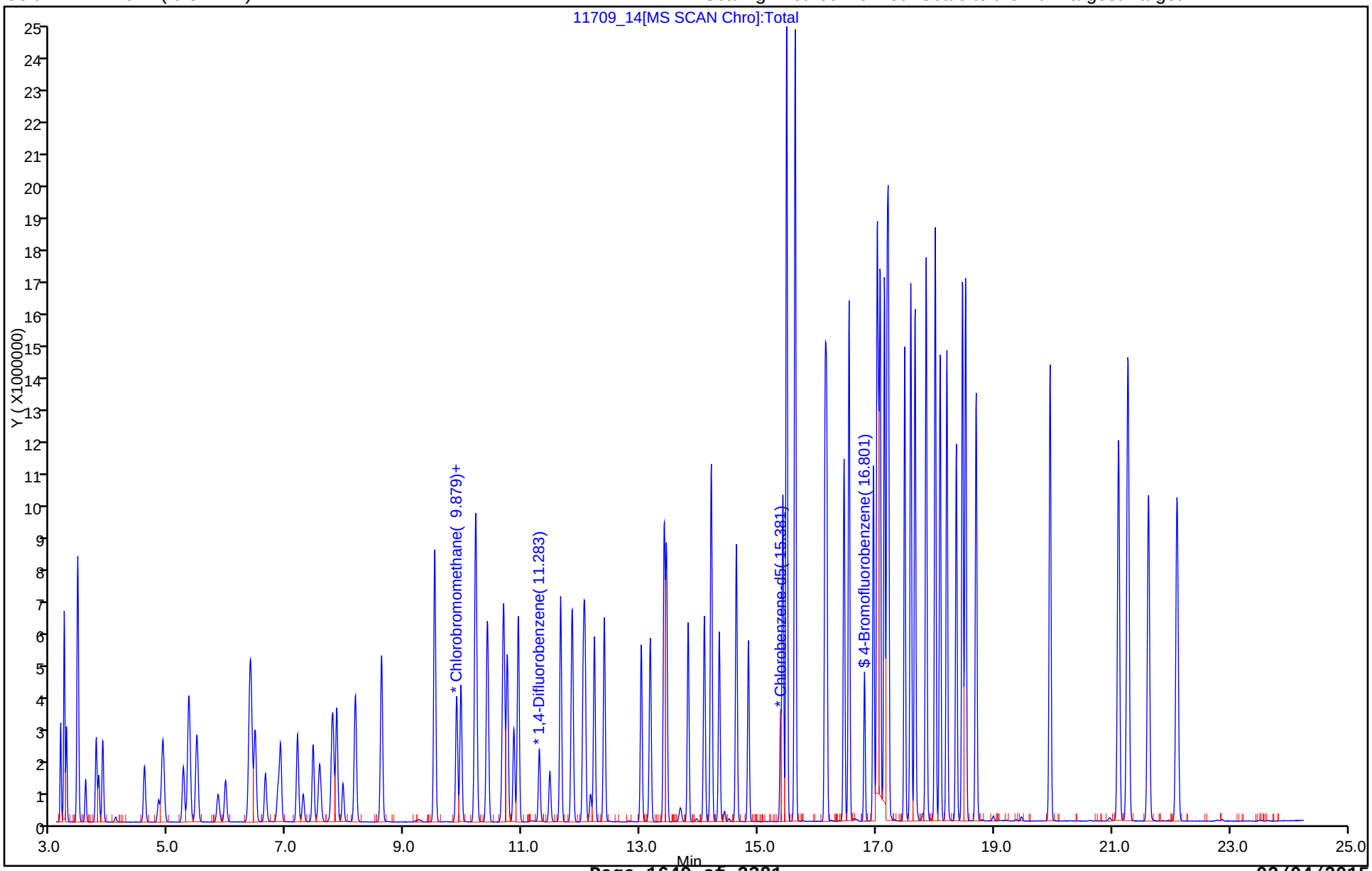
Report Date: 21-Jan-2015 10:34:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Injection Date:	20-Jan-2015 23:27:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	ic			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83549

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/19/2015 17:42 Calibration End Date: 01/20/2015 08:44 Calibration ID: 29616

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-83549/4	11695_04.D
Level 2	IC 200-83549/5	11695_05.D
Level 3	IC 200-83549/6	11695_06.D
Level 4	IC 200-83549/7	11695_07.D
Level 5	ICIS 200-83549/8	11695_08.D
Level 6	IC 200-83549/9	11695_09.D
Level 7	IC 200-83549/17	11695_17.D
Level 8	IC 200-83549/11	11695_11.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 1.0423	+++++ 1.1996	1.3831 0.9704	1.2489	1.1703	Ave		1.1691				13.0		30.0			
Dichlorodifluoromethane	+++++ 3.8388	+++++ 4.4037	4.4522 3.4241	4.3370	4.1395	Ave		4.0992				9.8		30.0			
Freon 22	+++++ 2.1665	+++++ 2.5809	2.6260 2.0664	2.4918	2.4329	Ave		2.3941				9.5		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.8465	2.8830 3.3108	3.0525 2.6348	3.1300	3.0706	Ave		2.9897				7.4		30.0			
Chloromethane	+++++ 1.0802	+++++ 1.2588	1.4176 1.0209	1.2134	1.1709	Ave		1.1936				12.0		30.0			
n-Butane	+++++ 1.6316	+++++ 1.8789	1.9933 1.5101	1.8314	1.7251	Ave		1.7617				10.0		30.0			
Vinyl chloride	1.7497 1.0910	1.1355 1.2605	1.2672 1.0264	1.1879	1.1602	Ave		1.2348				18.0		30.0			
1,3-Butadiene	+++++ 0.7755	0.7857 0.8915	0.8754 0.7410	0.8344	0.8361	Ave		0.8199				6.7		30.0			
Bromomethane	+++++ 1.0749	1.2175 1.2338	1.1695 1.0216	1.1130	1.1433	Ave		1.1391				6.7		30.0			
Chloroethane	+++++ 0.4143	+++++ 0.4753	0.5342 0.3985	0.4440	0.4431	Ave		0.4515				11.0		30.0			
Isopentane	+++++ 1.0625	1.2933 1.2068	1.1638 1.0006	1.1770	1.1529	Ave		1.1510				8.3		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.0401	0.9223 1.2112	1.0649 1.0002	1.0587	1.1014	Ave		1.0570				8.4		30.0			
Trichlorofluoromethane	+++++ 3.3984	3.5501 3.8289	3.7051 3.1876	3.5740	3.6370	Ave		3.5544				5.9		30.0			
n-Pentane	+++++ 1.6492	+++++ 1.8605	1.8529 1.5688	1.7822	1.7603	Ave		1.7457				6.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83549

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/19/2015 17:42 Calibration End Date: 01/20/2015 08:44 Calibration ID: 29616

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.4088	+++++ 0.4530	0.4061 0.4035	0.4555	0.4140	Ave		0.4235				5.7		30.0			
Ethyl ether	+++++ 0.5562	0.5193 0.5668	0.6002 0.5460	0.5816	0.5877	Ave		0.5654				4.9		30.0			
Acrolein	+++++ 0.2643	+++++ 0.2730	+++++ 0.2358	0.2453	0.2600	Ave		0.2557				5.9		30.0			
Freon TF	+++++ 2.0133	2.3161 2.2038	2.2083 1.9175	2.0655	2.1441	Ave		2.1241				6.3		30.0			
1,1-Dichloroethene	+++++ 0.8509	0.9562 0.9559	0.9301 0.8063	0.9195	0.9094	Ave		0.9040				6.2		30.0			
Acetone	+++++ 1.8439	+++++ 1.7926	+++++ 1.6564	2.5532	1.8027	Ave		1.9298				18.0		30.0			
Carbon disulfide	+++++ 2.7027	+++++ 3.0035	2.7692 2.5279	2.8876	2.8279	Ave		2.7865				5.9		30.0			
Isopropyl alcohol	+++++ 1.2802	+++++ 1.4828	+++++ 1.3123	1.3981	1.2601	Ave		1.3467				6.9		30.0			
3-Chloropropene	+++++ 1.4468	1.5760 1.5829	1.6371 1.4128	1.5217	1.5601	Ave		1.5339				5.2		30.0			
Acetonitrile	+++++ 0.7367	+++++ 0.7448	+++++ 0.7213	0.8124	0.7784	Ave		0.7587				4.8		30.0			
Methylene Chloride	+++++ 1.3998	+++++ 1.5355	1.8368 1.3386	1.5545	1.5210	Ave		1.5310				11.0		30.0			
tert-Butyl alcohol	+++++ 1.6668	+++++ 1.9228	+++++ 1.7332	1.6991	1.5555	Ave		1.7155				7.8		30.0			
Methyl tert-butyl ether	+++++ 2.6158	2.3389 2.6517	2.5747 2.6259	2.6861	2.6709	Ave		2.5949				4.6		30.0			
trans-1,2-Dichloroethene	+++++ 1.6036	1.7523 1.7317	1.6991 1.5274	1.7100	1.7258	Ave		1.6786				4.9		30.0			
Acrylonitrile	+++++ 0.6332	+++++ 0.6260	0.6256 0.6364	0.6191	0.6609	Ave		0.6335				2.3		30.0			
n-Hexane	+++++ 1.2610	1.1766 1.3900	1.2772 1.2284	1.3277	1.3525	Ave		1.2876				5.8		30.0			
1,1-Dichloroethane	2.5952 2.0405	1.9296 2.1623	2.1134 2.0019	2.1124	2.1379	Ave		2.1366				9.4		30.0			
Vinyl acetate	+++++ 2.9516	+++++ 2.9301	+++++ 3.0148	3.0437	3.0953	Ave		3.0071				2.2		30.0			
cis-1,2-Dichloroethene	+++++ 1.0803	1.0240 1.1652	1.1280 1.0632	1.0752	1.1072	Ave		1.0919				4.2		30.0			
Methyl Ethyl Ketone	+++++ 0.3990	+++++ 0.4093	0.6076 0.4006	0.4085	0.4132	Ave		0.4397				19.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83549

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/19/2015 17:42 Calibration End Date: 01/20/2015 08:44 Calibration ID: 29616

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.0485	+++++ 0.0543	+++++ 0.0511	0.0499	0.0546	Ave		0.0517				5.2		30.0			
Tetrahydrofuran	+++++ 0.2205	+++++ 0.2599	+++++ 0.2245	0.2449	0.2355	Ave		0.2371				6.7		30.0			
Chloroform	+++++ 2.7312	2.4996 2.9368	2.7990 2.6975	2.7557	2.8271	Ave		2.7495				4.9		30.0			
Cyclohexane	+++++ 0.2205	0.2269 0.2803	0.2332 0.2213	0.2403	0.2346	Ave		0.2367				8.7		30.0			
1,1,1-Trichloroethane	+++++ 0.5376	0.5608 0.6627	0.5686 0.5326	0.5837	0.5642	Ave		0.5729				7.6		30.0			
Carbon tetrachloride	0.7488 0.6097	0.5401 0.7669	0.6067 0.6161	0.6539	0.6482	Ave		0.6488				12.0		30.0			
Benzene	+++++ 0.5940	0.5950 0.7239	0.6401 0.6148	0.6396	0.6167	Ave		0.6320				7.1		30.0			
2,2,4-Trimethylpentane	+++++ 0.9675	0.9407 1.2139	1.0105 0.9876	1.0546	1.0199	Ave		1.0278				8.8		30.0			
1,2-Dichloroethane	+++++ 0.4199	0.4114 0.5083	0.4631 0.4252	0.4583	0.4402	Ave		0.4467				7.5		30.0			
n-Heptane	+++++ 0.4227	0.4267 0.5285	0.4302 0.4285	0.4746	0.4440	Ave		0.4507				8.6		30.0			
n-Butanol	+++++ 0.0890	+++++ 0.1255	+++++ 0.1089	0.0934	0.0799	Ave		0.0993				18.0		30.0			
Trichloroethene	0.4614 0.3185	0.3238 0.4031	0.3284 0.3329	0.3327	0.3291	Ave		0.3537				14.0		30.0			
1,2-Dichloropropane	+++++ 0.2604	0.2434 0.3129	0.2503 0.2725	0.2785	0.2652	Ave		0.2690				8.5		30.0			
Methyl methacrylate	+++++ 0.1975	+++++ 0.2433	0.1591 0.2250	0.1951	0.2036	Ave		0.2039				14.0		30.0			
1,4-Dioxane	+++++ 0.0891	+++++ 0.1100	+++++ 0.0913	0.0934	0.0815	Ave		0.0930				11.0		30.0			
Dibromomethane	+++++ 0.3007	0.2834 0.3715	0.2504 0.3242	0.3015	0.3088	Ave		0.3058				12.0		30.0			
Bromodichloromethane	+++++ 0.6632	0.4918 0.7997	0.5819 0.6959	0.6723	0.6737	Ave		0.6541				15.0		30.0			
cis-1,3-Dichloropropene	+++++ 0.4280	0.3264 0.5214	0.3403 0.4621	0.4100	0.4254	Ave		0.4162				16.0		30.0			
methyl isobutyl ketone	+++++ 0.6373	+++++ 0.8083	0.5090 0.6637	0.6273	0.6202	Ave		0.6443				15.0		30.0			
Toluene	+++++ 0.4608	0.4163 0.4942	0.4252 0.5004	0.4622	0.4607	Ave		0.4600				6.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83549

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/19/2015 17:42 Calibration End Date: 01/20/2015 08:44 Calibration ID: 29616

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.6632	0.5702 0.8075	0.6616 0.6937	0.7279	0.6914	Ave		0.6879				10.0		30.0			
trans-1,3-Dichloropropene	+++++ 0.4659	0.3467 0.5641	0.3838 0.5048	0.4637	0.4663	Ave		0.4565				16.0		30.0			
1,1,2-Trichloroethane	+++++ 0.2568	0.2278 0.2799	0.2414 0.2724	0.2647	0.2596	Ave		0.2575				6.9		30.0			
Tetrachloroethene	0.5196 0.4371	0.4163 0.4980	0.3921 0.4734	0.4354	0.4435	Ave		0.4519				9.4		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.6070	+++++ 0.7057	0.4994 0.6287	0.6159	0.5881	Ave		0.6075				11.0		30.0			
Dibromochloromethane	+++++ 0.6283	0.4216 0.7022	0.4696 0.6957	0.6132	0.6268	Ave		0.5939				18.0		30.0			
1,2-Dibromoethane	+++++ 0.4716	0.3608 0.5232	0.3893 0.5148	0.4609	0.4703	Ave		0.4559				13.0		30.0			
Chlorobenzene	+++++ 0.6283	0.5523 0.6949	0.5501 0.6900	0.6277	0.6348	Ave		0.6254				9.3		30.0			
Ethylbenzene	+++++ 1.0360	0.9042 1.1054	0.9235 1.1357	1.0610	1.0637	Ave		1.0328				8.5		30.0			
n-Nonane	+++++ 0.5240	0.4277 0.5609	0.4632 0.5678	0.5558	0.5387	Ave		0.5197				10.0		30.0			
m,p-Xylene	+++++ 0.4035	0.3408 0.4278	0.3574 0.4599	0.4029	0.4092	Ave		0.4002				10.0		30.0			
Xylene, o-	+++++ 0.4018	0.3445 0.4289	0.3584 0.4457	0.4067	0.4143	Ave		0.4000				9.1		30.0			
Styrene	+++++ 0.5862	0.3949 0.6359	0.4084 0.6784	0.5605	0.5859	Ave		0.5500				20.0		30.0			
Bromoform	+++++ 0.6397	0.3667 0.7212	0.4099 0.7170	0.6034	0.6345	Ave		0.5846				24.0		30.0			
Cumene	+++++ 1.1637	0.9300 1.2251	1.0252 1.2729	1.1826	1.1900	Ave		1.1413				11.0		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6499	0.5454 0.7019	0.5648 0.6989	0.6736	0.6670	Ave		0.6431				9.8		30.0			
n-Propylbenzene	+++++ 1.4641	1.1970 1.5530	1.2257 1.5798	1.4751	1.4778	Ave		1.4246				11.0		30.0			
1,2,3-Trichloropropane	+++++ 0.5470	+++++ 0.5860	0.5177 0.5800	0.5727	0.5649	Ave		0.5614				4.5		30.0			
2-Chlorotoluene	+++++ 1.0757	0.8250 1.1519	0.9283 1.1380	1.0750	1.0888	Ave		1.0404				11.0		30.0			
4-Ethyltoluene	+++++ 1.1901	0.8268 1.2717	0.9191 1.3053	1.1588	1.1922	Ave		1.1234				16.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83549

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/19/2015 17:42 Calibration End Date: 01/20/2015 08:44 Calibration ID: 29616

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Decane	+++++ 0.6477	+++++ 0.6897	0.5206 0.7058	0.6821	0.6703	Ave		0.6527				10.0		30.0			
1,3,5-Trimethylbenzene	+++++ 0.9735	0.7315 1.0381	0.8253 1.0827	0.9986	0.9915	Ave		0.9488				13.0		30.0			
Alpha Methyl Styrene	+++++ 0.4759	0.3173 0.5132	0.3110 0.5526	0.4557	0.4794	Ave		0.4436				21.0		30.0			
tert-Butylbenzene	+++++ 0.9026	0.7070 0.9606	0.7933 1.0106	0.9206	0.9207	Ave		0.8879				12.0		30.0			
1,2,4-Trimethylbenzene	+++++ 0.9764	0.7634 1.0341	0.8009 1.0896	0.9849	0.9912	Ave		0.9487				13.0		30.0			
sec-Butylbenzene	+++++ 1.3664	1.0417 1.4642	1.1484 1.5194	1.3926	1.4097	Ave		1.3346				13.0		30.0			
4-Isopropyltoluene	+++++ 1.1665	0.7939 1.2675	0.8925 1.3126	1.1673	1.2037	Ave		1.1149				17.0		30.0			
1,3-Dichlorobenzene	+++++ 0.7002	0.5288 0.7696	0.5613 0.7896	0.6859	0.6956	Ave		0.6758				14.0		30.0			
1,4-Dichlorobenzene	+++++ 0.6810	0.4986 0.7510	0.5071 0.7581	0.6740	0.6760	Ave		0.6494				16.0		30.0			
Benzyl chloride	+++++ 0.9022	0.5697 1.0181	0.6018 1.0325	0.8314	0.8874	Ave		0.8347				22.0		30.0			
n-Butylbenzene	+++++ 1.0895	0.7391 1.1987	0.8168 1.1996	1.1054	1.1264	Ave		1.0393				18.0		30.0			
n-Undecane	+++++ 0.5865	+++++ 0.7058	+++++ 0.6975	0.6014	0.6069	Ave		0.6396				8.9		30.0			
1,2-Dichlorobenzene	+++++ 0.6519	0.4948 0.7018	0.5249 0.7255	0.6486	0.6634	Ave		0.6301				14.0		30.0			
n-Dodecane	+++++ 0.4765	+++++ 0.6009	+++++ 0.2390	0.4995	0.4278	Ave		0.4487				30.0		30.0			
1,2,4-Trichlorobenzene	+++++ 0.5264	+++++ 0.6065	0.3069 0.4334	0.4702	0.4963	Ave		0.4733				21.0		30.0			
Hexachlorobutadiene	+++++ 0.5298	0.3245 0.5639	0.4211 0.3923	0.5537	0.5676	Ave		0.4790				21.0		30.0			
Naphthalene	+++++ 1.0529	+++++ 1.1883	0.4692 0.8860	1.0399	0.9156	Ave		0.9253				27.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.4659	0.3344 0.5397	0.3077 0.2859	0.4176	0.4486	Ave		0.4000				23.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83549

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/19/2015 17:42 Calibration End Date: 01/20/2015 08:44 Calibration ID: 29616

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-83549/4	11695_04.D
Level 2	IC 200-83549/5	11695_05.D
Level 3	IC 200-83549/6	11695_06.D
Level 4	IC 200-83549/7	11695_07.D
Level 5	ICIS 200-83549/8	11695_08.D
Level 6	IC 200-83549/9	11695_09.D
Level 7	IC 200-83549/17	11695_17.D
Level 8	IC 200-83549/11	11695_11.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 640776	+++++ 853836	24453 1735838	232776	462986	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 2359961	+++++ 3134316	78716 6125253	808333	1637656	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 1331912	+++++ 1836916	46429 3696473	464419	962518	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1749919	20421 2356409	53969 4713338	583364	1214773	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 664071	+++++ 895973	25064 1826236	226155	463214	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 1003053	+++++ 1337292	35243 2701254	341335	682477	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	2268 670737	8043 897129	22405 1836096	221404	459000	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	+++++ 476757	5565 634506	15477 1325555	155507	330763	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 660834	8624 878157	20677 1827469	207437	452312	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 254672	+++++ 338286	9444 712793	82755	175280	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 653193	9161 858920	20576 1789930	219361	456119	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 639413	6533 862087	18828 1789220	197317	435753	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 2089189	25146 2725214	65507 5702066	666116	1438862	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 1013894	+++++ 1324221	32760 2806390	332158	696428	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 335800	+++++ 644915	71888 1804345	169908	245789	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83549

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/19/2015 17:42 Calibration End Date: 01/20/2015 08:44 Calibration ID: 29616

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 341919	3678 403388	10612 976759	108398	232494	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 162462	+++++ 194341	+++++ 421854	45719	102881	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 1237730	16405 1568544	39044 3430061	384972	848241	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	+++++ 523079	6773 680346	16445 1442348	171368	359770	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 1133565	+++++ 1275840	+++++ 2963086	475867	713176	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1661541	+++++ 2137750	48961 4522065	538194	1118788	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 787022	+++++ 1055374	+++++ 2347510	260574	498540	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 889450	11163 1126614	28945 2527208	283619	617216	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 452888	+++++ 530079	+++++ 1290384	151421	307948	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 860560	+++++ 1092863	32476 2394526	289723	601750	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 1024677	+++++ 1368515	+++++ 3100453	316670	615404	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1608089	16567 1887357	45522 4697337	500632	1056651	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 985818	12412 1232534	30040 2732241	318713	682779	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 389259	+++++ 445534	11061 1138343	115393	261458	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 775192	8334 989331	22581 2197470	247453	535065	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	3364 1254432	13668 1538994	37365 3581025	393706	845777	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 1814533	+++++ 2085509	+++++ 5392990	567279	1224568	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	+++++ 664140	7253 829297	19944 1901977	200396	438013	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 245284	+++++ 291299	10743 716525	76130	163457	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 29791	+++++ 38657	+++++ 91346	9305	21609	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	+++++ 751507	+++++ 882906	+++++ 2194947	235010	507246	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83549

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/19/2015 17:42 Calibration End Date: 01/20/2015 08:44 Calibration ID: 29616

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1679021	17705 2090272	49488 4825389	513596	1118440	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	+++++ 751460	8340 952231	21748 2163958	230616	505434	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	+++++ 1832388	20612 2251097	53032 5207326	560118	1215407	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	4573 2078147	19851 2605159	56587 6024070	627422	1396216	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	+++++ 2024474	21870 2459076	59702 6010597	613768	1328405	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	+++++ 3297605	34576 4123259	94248 9655870	1011990	2196907	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	+++++ 1431250	15122 1726625	43195 4157252	439813	948321	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	+++++ 1440813	15683 1795337	40128 4189249	455376	956439	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	+++++ 303476	+++++ 426164	+++++ 1065210	89587	172050	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	2818 1085586	11902 1369238	30627 3254398	319215	708944	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	+++++ 887467	8946 1062719	23343 2664407	267201	571305	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	+++++ 672963	+++++ 826576	14840 2200195	187184	438501	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	+++++ 303626	+++++ 373519	+++++ 892321	89601	175470	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	+++++ 1024882	10418 1261968	23354 3169647	289318	665280	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	+++++ 2260270	18076 2716471	54271 6803767	645127	1451132	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1458606	11997 1770959	31735 4517953	393377	916457	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	+++++ 2171916	+++++ 2745546	47477 6489216	601892	1336037	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	+++++ 1633696	14934 1913766	38809 5112715	446704	1020686	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	+++++ 2260324	20960 2742876	61706 6781963	698444	1489427	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1588029	12745 1916079	35792 4935327	444909	1004405	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	+++++ 910578	8174 1083874	22032 2783573	255775	575170	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83549

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/19/2015 17:42 Calibration End Date: 01/20/2015 08:44 Calibration ID: 29616

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	3443 1549834	14933 1928671	35796 4836940	420801	982594	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 2152311	+++++ 2733131	45590 6423794	595208	1302972	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	+++++ 2227659	15126 2719528	42869 7109126	592571	1388681	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	+++++ 1672172	12943 2026373	35540 5260616	445468	1042003	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	+++++ 2227820	19813 2691068	50213 7051034	606642	1406321	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	+++++ 3673117	32438 4280673	84298 11605105	1025387	2356731	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	+++++ 1858077	15344 2172167	42285 5801617	537093	1193523	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	+++++ 2861021	24451 3313324	65242 9399094	778656	1813194	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	+++++ 1424497	12360 1661119	32714 4554106	393015	917976	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	+++++ 2078461	14167 2462713	37280 6932219	541654	1297969	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	+++++ 2268273	13155 2793116	37415 7326290	583162	1405674	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	+++++ 4126000	33364 4744288	93581 13007186	1142845	2636378	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2304161	19565 2718162	51552 7141793	651006	1477800	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	+++++ 5191262	42941 6014180	111885 16142786	1425536	3274104	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1939494	+++++ 2269272	47252 5926218	553482	1251517	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	+++++ 3814170	29598 4460852	84735 11627912	1038876	2412343	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	+++++ 4219667	29661 4924992	83899 13337609	1119859	2641398	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	+++++ 2296464	+++++ 2670898	47521 7211586	659173	1485109	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 3451534	26244 4020399	75338 11063180	965115	2196631	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	+++++ 1687378	11384 1987641	28391 5646463	440396	1062210	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	+++++ 3200343	25363 3720150	72417 10326491	889705	2039815	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83549

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/19/2015 17:42 Calibration End Date: 01/20/2015 08:44 Calibration ID: 29616

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 3462058	27388 4004836	73110 11133203	951858	2196118	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	+++++ 4844858	37372 5670255	104827 15524986	1345797	3123140	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	+++++ 4136018	28481 4908464	81470 13411967	1128127	2666921	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2482712	18969 2980321	51233 8068027	662869	1541069	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2414420	17886 2908404	46291 7746024	651391	1497609	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	+++++ 3198738	20436 3942856	54932 10550711	803525	1966071	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	+++++ 3863038	26514 4642088	74558 12257706	1068242	2495572	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	+++++ 2079584	+++++ 2733260	+++++ 7127293	581166	1344611	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2311552	17749 2717830	47915 7413255	626868	1469849	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	+++++ 1689418	+++++ 2326996	+++++ 2441890	482762	947776	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 1866489	+++++ 2348774	28012 4428826	454459	1099597	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	+++++ 1878582	11640 2183774	38438 4008416	535068	1257564	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	+++++ 3733209	+++++ 4601866	42826 9053111	1004968	2028510	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1652046	11998 2090128	28085 2921117	403575	993849	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_04.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-Jan-2015 17:42:30 ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011695-004
Misc. Info.: ic
Operator ID: bpl Instrument ID: CHG.i
Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Jan-2015 09:00:57 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: lyonsb Date: 20-Jan-2015 08:10:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.763	2.758	0.005	76	5021	0.0401	0.1328	
2 Dichlorodifluoromethane	85	2.827	2.827	0.000	95	7143	0.0401	0.0539	
6 Chlorodifluoromethane	51	2.886	2.881	0.005	97	3704	0.0401	0.0478	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.105	3.095	0.010	90	3180	0.0401	0.0329	
8 Chloromethane	50	3.228	3.223	0.005	97	4568	0.0401	0.1184	
9 Butane	43	3.432	3.432	0.000	80	2909	0.0401	0.0511	
10 Vinyl chloride	62	3.480	3.469	0.011	34	2268	0.0401	0.0568	
11 Butadiene	54	3.549	3.549	0.000	59	1736	0.0401	0.0655	
12 Bromomethane	94	4.234	4.234	0.000	68	2133	0.0401	0.0579	
14 Chloroethane	64	4.485	4.480	0.005	0	1402	0.0401	0.0960	
15 2-Methylbutane	43	4.576	4.571	0.005	1	1813	0.0401	0.0487	
16 Vinyl bromide	106	4.897	4.881	0.016	66	1840	0.0401	0.0538	
17 Trichlorofluoromethane	101	5.010	4.994	0.016	71	3184	0.0401	0.0277	
18 Pentane	43	5.149	5.154	-0.005	47	3217	0.0401	0.0570	
19 Ethanol	45	5.673	5.620	0.053	61	889	0.0802	0.0649	
21 Ethyl ether	59	5.721	5.705	0.016	2	191	0.0401	0.0104	
22 Acrolein	56	6.117	6.085	0.032	1	722	0.0401	0.0873	
23 1,1,2-Trichloro-1,2,2-trif	101	6.117	6.133	-0.016	45	3793	0.0401	0.0552	
24 1,1-Dichloroethene	96	6.149	6.155	-0.006	1	1263	0.0401	0.0432	
25 Acetone	43	6.449	6.411	0.038	80	10753	0.0401	0.1723	
26 Carbon disulfide	76	6.545	6.535	0.010	96	4664	0.0401	0.0518	
27 Isopropyl alcohol	45	6.807	6.749	0.058	42	3983	0.0401	0.0915	
29 3-Chloro-1-propene	41	6.962	6.979	-0.017	6	2195	0.0401	0.0443	
30 Acetonitrile	41	6.978	7.102	-0.124	82	3565	0.0401	0.1453	
31 Methylene Chloride	49	7.278	7.278	0.000	94	8115	0.0401	0.1639	
32 2-Methyl-2-propanol	59	7.642	7.556	0.086	64	2541	0.0401	0.0458	
33 Methyl tert-butyl ether	73	7.701	7.728	-0.027	1	155	0.0401	0.001847	
34 trans-1,2-Dichloroethene	61	7.722	7.733	-0.011	37	2967	0.0401	0.0547	
35 Acrylonitrile	53	7.882	7.888	-0.006	15	653	0.0401	0.0318	
36 Hexane	57	8.139	8.150	-0.011	65	2848	0.0401	0.0684	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.605	8.626	-0.021	13	3364	0.0401	0.0487	M
38 Vinyl acetate	43	8.754	8.733	0.021	56	2698	0.0401	0.0277	
39 cis-1,2-Dichloroethene	96	9.760	9.755	0.005	64	960	0.0401	0.0272	
40 2-Butanone (MEK)	72	9.846	9.825	0.021	19	218	0.0401	0.0153	
42 Ethyl acetate	88	9.990	9.899	0.091	1	135	0.0401	0.0808	
S 41 1,2-Dichloroethene, Total	61				0		0.0802	0.0819	
* 43 Chlorobromomethane	128	10.215	10.220	-0.005	95	323344	10.0	10.0	
44 Tetrahydrofuran	42	10.210	10.242	-0.032	29	471	0.0401	0.0130	
45 Chloroform	83	10.370	10.365	0.005	75	4068	0.0401	0.0458	
46 Cyclohexane	84	10.605	10.611	-0.006	34	2168	0.0401	0.0601	
47 1,1,1-Trichloroethane	97	10.638	10.638	0.000	64	4058	0.0401	0.0465	
48 Carbon tetrachloride	117	10.884	10.895	-0.011	52	4573	0.0401	0.0463	
50 Benzene	78	11.360	11.360	0.000	91	5275	0.0401	0.0548	
51 Isooctane	57		11.360				ND	ND	
52 1,2-Dichloroethane	62	11.536	11.542	-0.006	29	3503	0.0401	0.0515	
53 n-Heptane	43	11.772	11.761	0.011	70	3862	0.0401	0.0562	
* 54 1,4-Difluorobenzene	114	12.210	12.216	-0.006	97	1523364	10.0	10.0	
55 n-Butanol	56	12.703	12.655	0.048	31	791	0.0401	0.0523	
56 Trichloroethene	95	12.692	12.681	0.011	20	2818	0.0401	0.0523	
A 57 GRO	1	12.962	(4.561-21.363)		0	1741657	0.0401	0	
58 1,2-Dichloropropane	63	13.238	13.227	0.011	7	2360	0.0401	0.0576	
59 Methyl methacrylate	69		13.436				ND	ND	
60 1,4-Dioxane	88	13.575	13.478	0.097	1	427	0.0401	0.0301	
61 Dibromomethane	174	13.468	13.478	-0.010	71	1485	0.0401	0.0319	
62 Dichlorobromomethane	83	13.778	13.794	-0.016	50	3856	0.0401	0.0387	
A 63 TVOC as Toluene	1	14.650	(2.748-26.552)		0	2001270	0.0401	0	
64 cis-1,3-Dichloropropene	75	14.789	14.773	0.016	28	2342	0.0401	0.0369	
65 4-Methyl-2-pentanone (MIBK	43	15.137	15.099	0.038	59	3585	0.0401	0.0365	
66 Toluene	92	15.404	15.399	0.005	63	3420	0.0401	0.0450	
A 67 Toluene Range	1	15.399	(15.359-15.439)		0	21993	NC	NC	
69 n-Octane	43	15.506	15.501	0.005	67	4708	0.0401	0.0449	
A 68 C8 Range	1	15.509	(15.451-15.551)		0	34367	NC	NC	
70 trans-1,3-Dichloropropene	75	15.998	16.014	-0.016	1	1091	0.0401	0.0157	
71 1,1,2-Trichloroethane	83		16.399				ND	ND	
72 Tetrachloroethene	166	16.517	16.517	0.000	87	3443	0.0401	0.0461	M
73 2-Hexanone	43	16.886	16.886	0.000	1	211	0.0401	0.002101	
74 Chlorodibromomethane	129	17.170	17.175	-0.005	34	2315	0.0401	0.0236	
75 Ethylene Dibromide	107	17.448	17.448	0.000	37	2449	0.0401	0.0325	
* 76 Chlorobenzene-d5	117	18.373	18.373	0.000	93	1653061	10.0	10.0	
77 Chlorobenzene	112	18.432	18.438	-0.006	35	5031	0.0401	0.0487	
78 Ethylbenzene	91	18.598	18.603	-0.005	52	6920	0.0401	0.0405	
79 n-Nonane	57	18.764	18.764	0.000	63	3366	0.0401	0.0392	
80 m-Xylene & p-Xylene	106	18.860	18.860	0.000	0	5306	0.0802	0.0802	
83 o-Xylene	106	19.716	19.711	0.005	1	2091	0.0401	0.0316	
84 Styrene	104	19.770	19.764	0.006	1	790	0.0401	0.008689	
S 82 Xylenes, Total	106				0		0.1203	0.1118	
85 Bromoform	173	20.171	20.176	-0.005	1	1272	0.0401	0.0132	
86 Isopropylbenzene	105	20.417	20.417	0.000	1	2197	0.0401	0.0116	
* 87 4-Bromofluorobenzene	95	20.781	20.781	0.000	89	1284841	10.0	10.0	
88 1,1,2,2-Tetrachloroethane	83	21.070	21.064	0.006	1	993	0.0401	0.009341	
90 N-Propylbenzene	91	21.150	21.150	0.000	93	4260	0.0401	0.0181	
89 1,2,3-Trichloropropane	75	21.150	21.155	-0.005	72	3826	0.0401	0.0412	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 2-Chlorotoluene	91	21.337	21.343	-0.005	92	7530	0.0401	0.0438	
91 4-Ethyltoluene	105	21.353	21.343	0.011	62	2346	0.0401	0.0126	
93 n-Decane	57	21.353	21.353	0.000	68	3765	0.0401	0.0349	
94 1,3,5-Trimethylbenzene	105	21.353	21.455	-0.102	56	2346	0.0401	0.0150	
95 Alpha Methyl Styrene	118	21.813	21.819	-0.006	35	1568	0.0401	0.0214	
96 tert-Butylbenzene	119	21.936	21.942	-0.006	69	3583	0.0401	0.0244	
97 1,2,4-Trimethylbenzene	105	22.038	22.038	0.000	90	4896	0.0401	0.0312	
98 sec-Butylbenzene	105	22.273	22.268	0.005	68	8353	0.0401	0.0379	
99 4-Isopropyltoluene	119	22.476	22.477	-0.001	88	3671	0.0401	0.0199	
100 1,3-Dichlorobenzene	146	22.487	22.487	0.000	81	3531	0.0401	0.0316	
101 1,4-Dichlorobenzene	146	22.626	22.626	0.000	63	4234	0.0401	0.0394	
102 Benzyl chloride	91	22.814	22.819	-0.005	42	5244	0.0401	0.0380	
103 n-Butylbenzene	91	23.044	23.038	0.006	50	4032	0.0401	0.0235	
104 Undecane	57	23.081	23.081	0.000	62	3286	0.0401	0.0311	
105 1,2-Dichlorobenzene	146	23.151	23.151	0.000	58	4113	0.0401	0.0395	
106 Dodecane	57	24.627	24.638	-0.011	0	2364	0.0401	0.0319	
107 1,2,4-Trichlorobenzene	180	25.611	25.606	0.005	36	3104	0.0401	0.0397	
108 Hexachlorobutadiene	225	25.793	25.804	-0.011	46	2379	0.0401	0.0300	
109 Naphthalene	128	26.082	26.077	0.005	44	5793	0.0401	0.0379	
110 1,2,3-Trichlorobenzene	180	26.526	26.542	-0.016	1	1028	0.0401	0.0155	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00126	Amount Added: 40.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

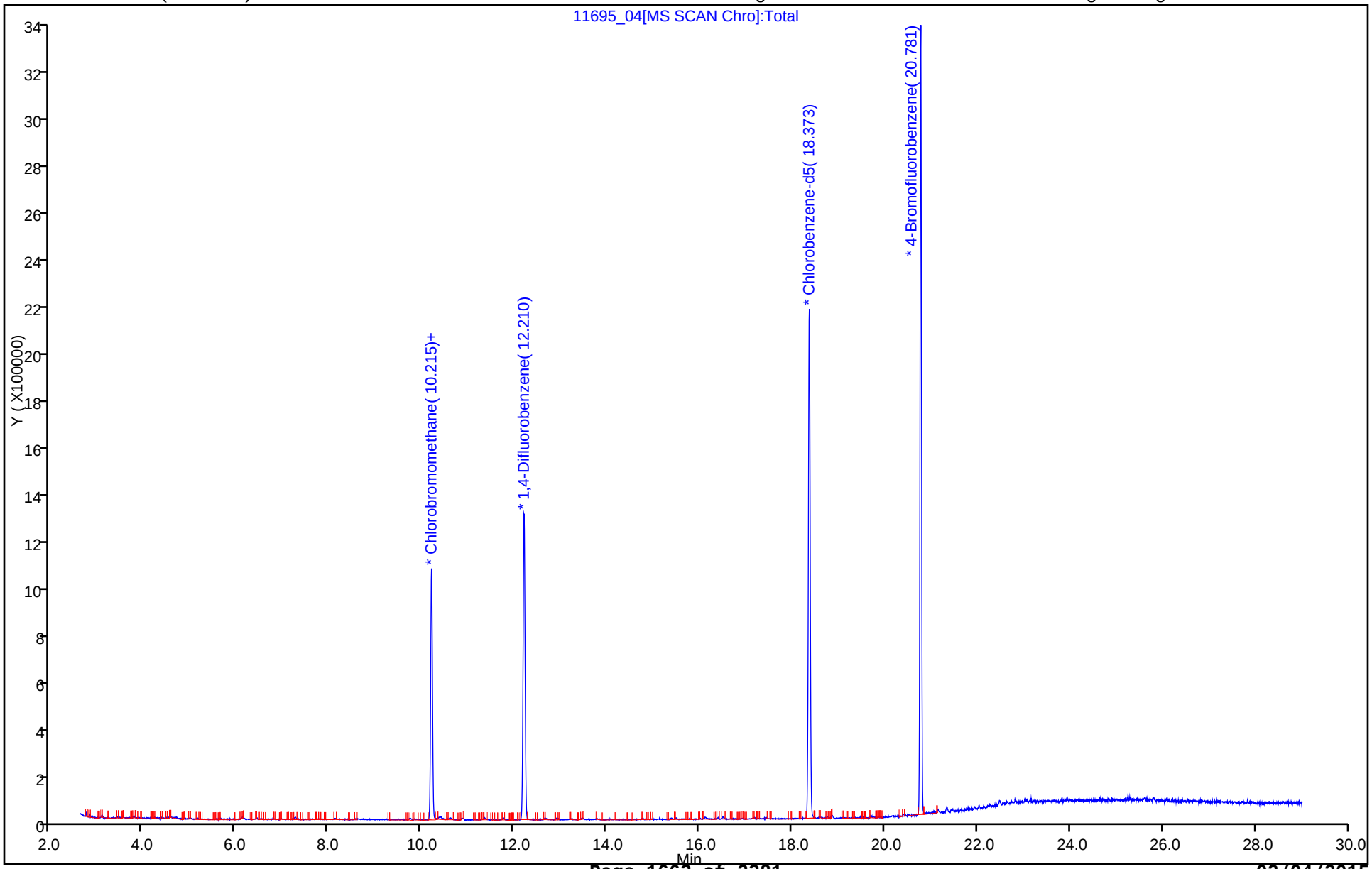
Report Date: 21-Jan-2015 09:00:58 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_04.D

Injection Date:	19-Jan-2015 17:42:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	IC			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

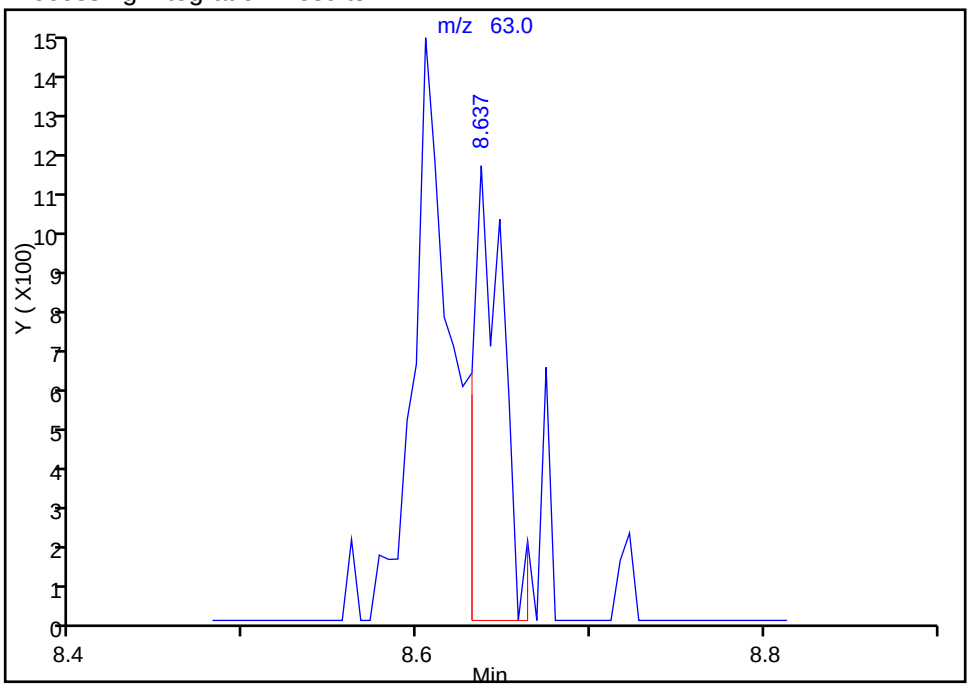
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_04.D
Injection Date: 19-Jan-2015 17:42:30 Instrument ID: CHG.i
Lims ID: IC
Client ID:
Operator ID: bpl ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3

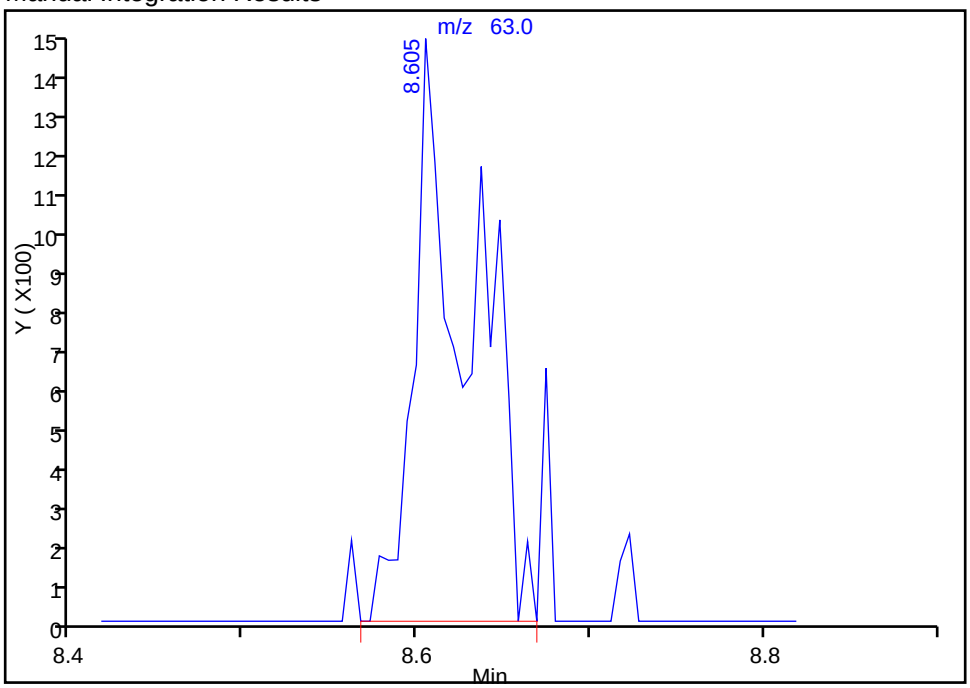
Processing Integration Results

RT: 8.64
Area: 1352
Amount: 0.022702
Amount Units: ppb v/v



Manual Integration Results

RT: 8.60
Area: 3364
Amount: 0.048692
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:10:16
Audit Action: Manually Integrated
Audit Reason: Baseline Event

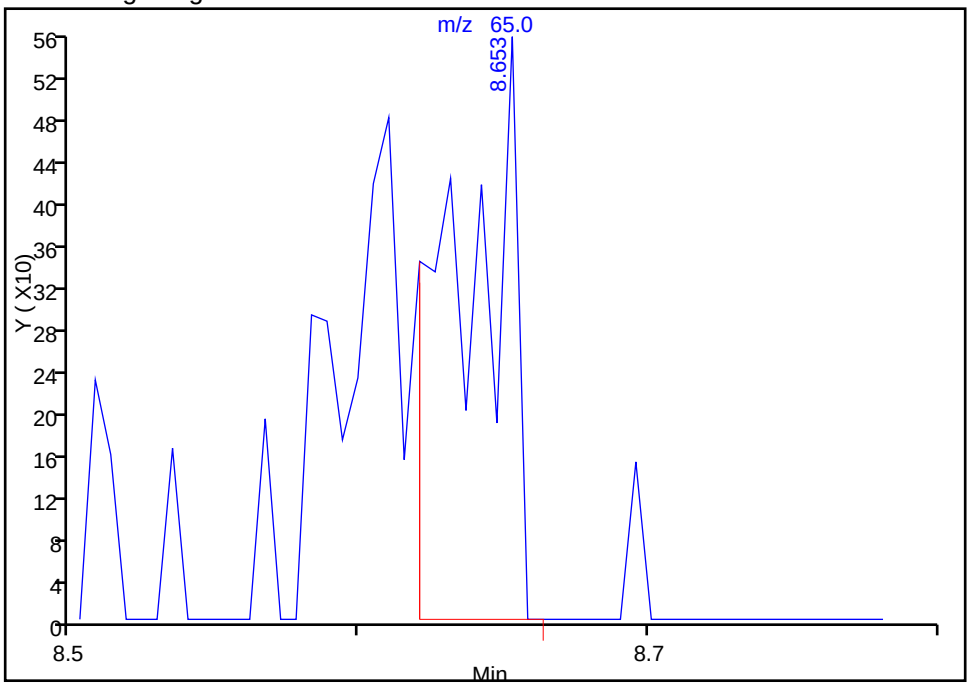
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_04.D
Injection Date: 19-Jan-2015 17:42:30 Instrument ID: CHG.i
Lims ID: IC
Client ID:
Operator ID: bpl ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3

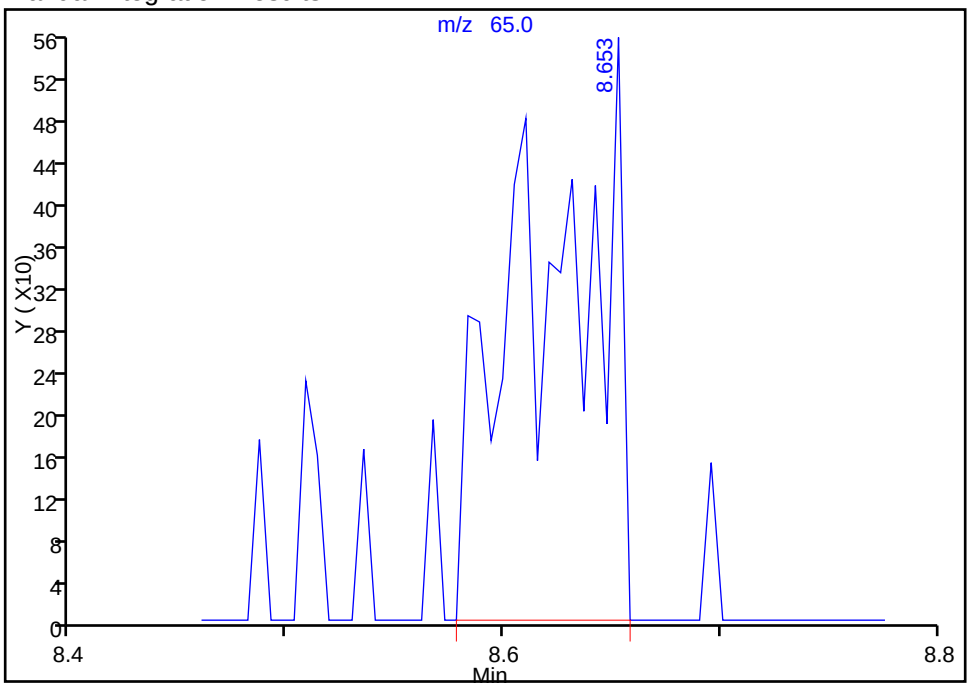
Processing Integration Results

RT: 8.65
Area: 785
Amount: 0.022702
Amount Units: ppb v/v



Manual Integration Results

RT: 8.65
Area: 1434
Amount: 0.048692
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:10:16
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

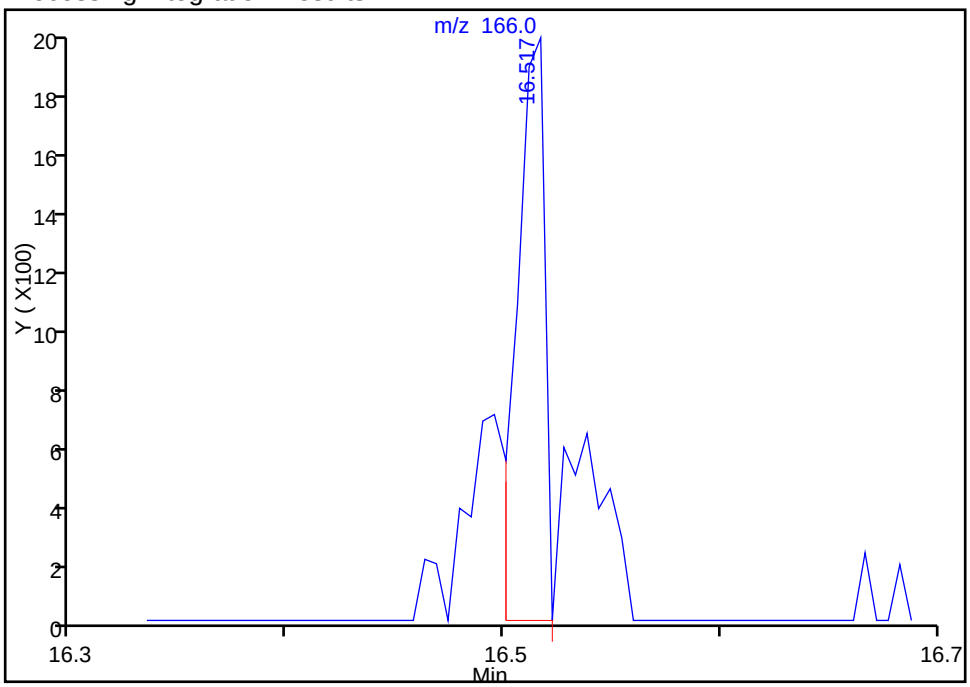
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_04.D
Injection Date: 19-Jan-2015 17:42:30 Instrument ID: CHG.i
Lims ID: IC
Client ID:
Operator ID: bpl ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

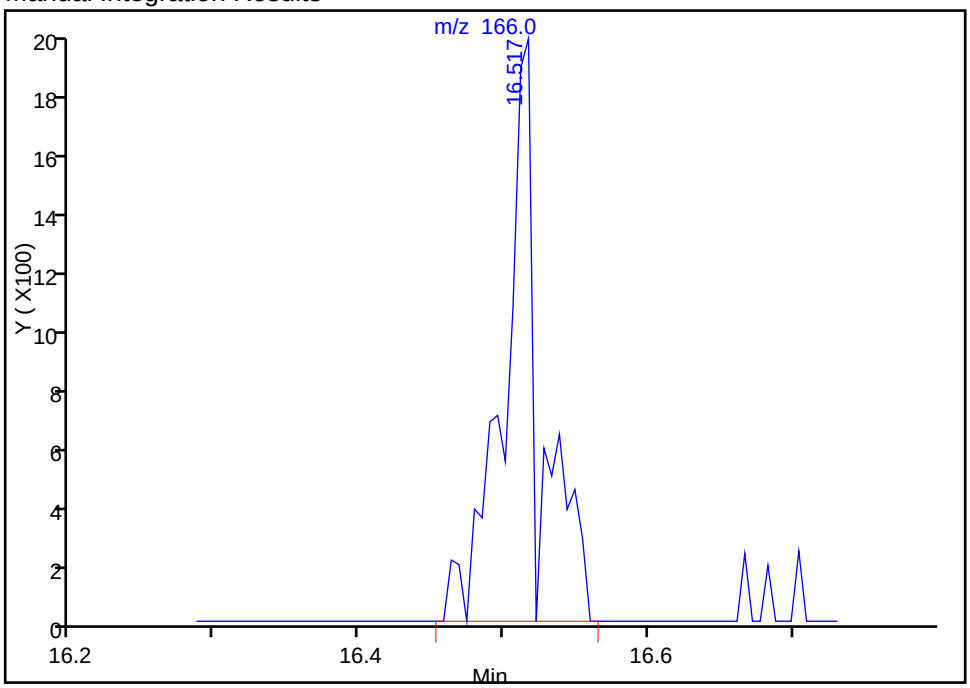
Processing Integration Results

RT: 16.52
Area: 1744
Amount: 0.026816
Amount Units: ppb v/v



Manual Integration Results

RT: 16.52
Area: 3443
Amount: 0.046088
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:10:16
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

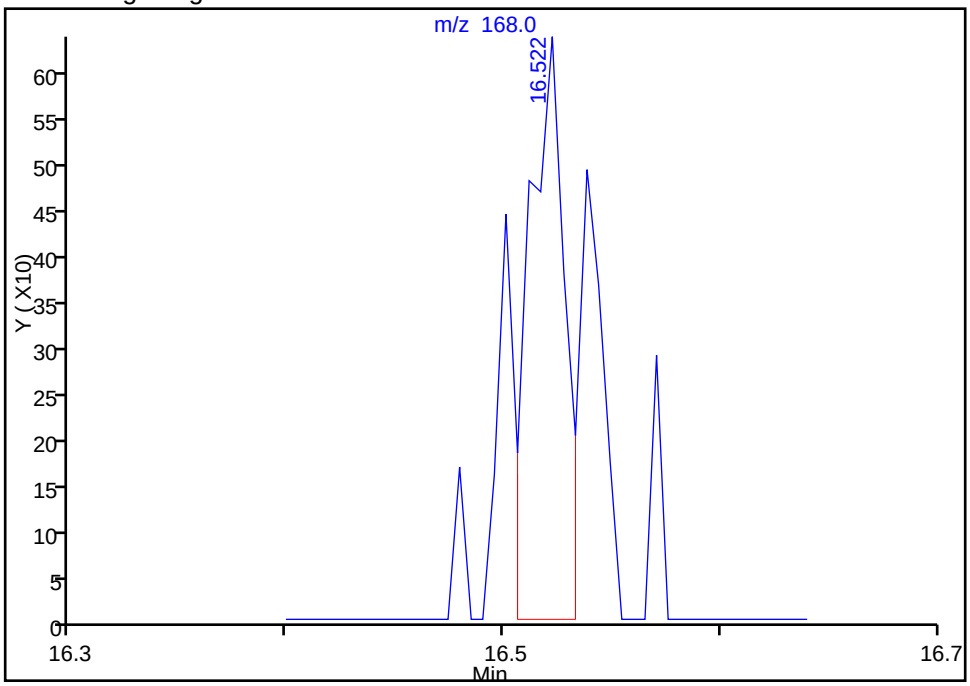
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_04.D
Injection Date: 19-Jan-2015 17:42:30 Instrument ID: CHG.i
Lims ID: IC
Client ID:
Operator ID: bpl ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

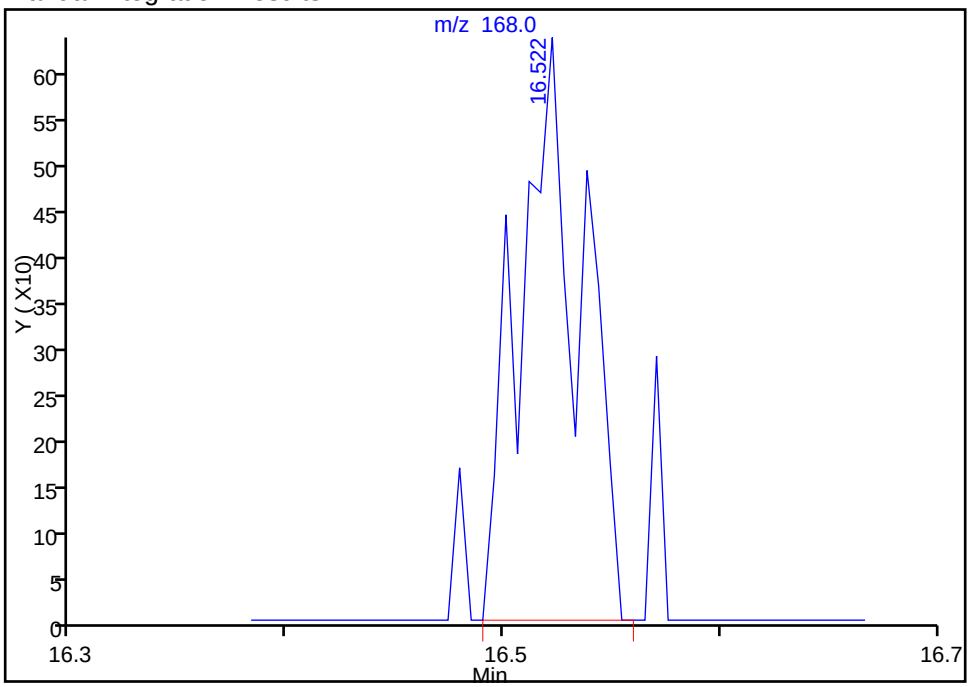
Processing Integration Results

RT: 16.52
Area: 746
Amount: 0.026816
Amount Units: ppb v/v



Manual Integration Results

RT: 16.52
Area: 1264
Amount: 0.046088
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:10:16
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-Jan-2015 18:32:30 ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011695-005
Misc. Info.: ic
Operator ID: bpl Instrument ID: CHG.i
Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Jan-2015 12:22:41 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 20-Jan-2015 08:09:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.763	2.758	0.005	93	10856	0.2004	0.2628	
2 Dichlorodifluoromethane	85	2.833	2.827	0.006	99	28835	0.2004	0.1991	
6 Chlorodifluoromethane	51	2.886	2.881	0.005	97	16002	0.2004	0.1891	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.100	3.095	0.005	93	20421	0.2004	0.1933	
8 Chloromethane	50	3.228	3.223	0.005	99	10977	0.2004	0.2602	
9 Butane	43	3.432	3.432	0.000	97	12823	0.2004	0.2060	
10 Vinyl chloride	62	3.475	3.469	0.005	97	8043	0.2004	0.1843	
11 Butadiene	54	3.549	3.549	0.000	86	5565	0.2004	0.1921	
12 Bromomethane	94	4.240	4.234	0.006	96	8624	0.2004	0.2142	
14 Chloroethane	64	4.491	4.480	0.011	71	3720	0.2004	0.2331	
15 2-Methylbutane	43	4.582	4.571	0.011	74	9161	0.2004	0.2252	
16 Vinyl bromide	106	4.892	4.881	0.011	91	6533	0.2004	0.1749	
17 Trichlorofluoromethane	101	5.005	4.994	0.011	91	25146	0.2004	0.2002	
18 Pentane	43	5.154	5.154	0.000	94	12635	0.2004	0.2048	
19 Ethanol	45	5.646	5.620	0.026	99	6078	0.4009	0.4062	
21 Ethyl ether	59	5.737	5.705	0.032	66	3678	0.2004	0.1841	
22 Acrolein	56	6.085	6.085	0.000	46	1448	0.2004	0.1602	
23 1,1,2-Trichloro-1,2,2-trif	101	6.133	6.133	0.000	94	16405	0.2004	0.2186	
24 1,1-Dichloroethene	96	6.165	6.155	0.010	93	6773	0.2004	0.2120	
25 Acetone	43	6.444	6.411	0.033	84	37874	0.2004	0.5554	
26 Carbon disulfide	76	6.529	6.535	-0.006	97	18015	0.2004	0.1829	
27 Isopropyl alcohol	45	6.786	6.749	0.037	93	10187	0.2004	0.2141	
29 3-Chloro-1-propene	41	6.973	6.979	-0.006	82	11163	0.2004	0.2059	
30 Acetonitrile	41	7.118	7.102	0.016	88	6859	0.2004	0.2558	
31 Methylene Chloride	49	7.267	7.278	-0.011	90	15401	0.2004	0.2847	
32 2-Methyl-2-propanol	59	7.615	7.556	0.059	86	9272	0.2004	0.1529	
33 Methyl tert-butyl ether	73	7.770	7.728	0.042	90	16567	0.2004	0.1807	
34 trans-1,2-Dichloroethene	61	7.728	7.733	-0.005	58	12412	0.2004	0.2092	M
35 Acrylonitrile	53	7.893	7.888	0.005	66	2599	0.2004	0.1158	
36 Hexane	57	8.150	8.150	0.000	87	8334	0.2004	0.1832	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.632	8.626	0.006	99	13668	0.2004	0.1810	
38 Vinyl acetate	43	8.733	8.733	0.000	99	16676	0.2004	0.1569	
39 cis-1,2-Dichloroethene	96	9.744	9.755	-0.011	70	7253	0.2004	0.1880	M
40 2-Butanone (MEK)	72	9.846	9.825	0.021	83	4136	0.2004	0.2662	
42 Ethyl acetate	88		9.899				ND	ND	
S 41 1,2-Dichloroethene, Total	61				0		0.4009	0.3972	
* 43 Chlorobromomethane	128	10.220	10.220	0.000	95	353381	10.0	10.0	
44 Tetrahydrofuran	42	10.279	10.242	0.037	87	9135	0.2004	0.2101	
45 Chloroform	83	10.370	10.365	0.005	92	17705	0.2004	0.1822	M
46 Cyclohexane	84	10.611	10.611	0.000	80	8340	0.2004	0.1921	M
47 1,1,1-Trichloroethane	97	10.643	10.638	0.005	96	20612	0.2004	0.1962	
48 Carbon tetrachloride	117	10.878	10.895	-0.017	91	19851	0.2004	0.1668	
50 Benzene	78	11.349	11.360	-0.011	93	21870	0.2004	0.1887	
51 Isooctane	57	11.355	11.360	-0.005	93	34576	0.2004	0.1834	
52 1,2-Dichloroethane	62	11.531	11.542	-0.011	97	15122	0.2004	0.1846	
53 n-Heptane	43	11.756	11.761	-0.005	89	15683	0.2004	0.1897	M
* 54 1,4-Difluorobenzene	114	12.216	12.216	0.000	96	1833787	10.0	10.0	
55 n-Butanol	56	12.687	12.655	0.032	48	4555	0.2004	0.2501	
56 Trichloroethene	95	12.681	12.681	0.000	74	11902	0.2004	0.1835	
A 57 GRO	1	12.962	(4.561-21.363)		0	4720718	0.2004	0	
58 1,2-Dichloropropane	63	13.216	13.227	-0.011	73	8946	0.2004	0.1813	
59 Methyl methacrylate	69	13.430	13.436	-0.006	85	4902	0.2004	0.1311	
60 1,4-Dioxane	88	13.489	13.478	0.011	1	119	0.2004	0.006976	
61 Dibromomethane	174	13.473	13.478	-0.005	90	10418	0.2004	0.1858	
62 Dichlorobromomethane	83	13.789	13.794	-0.005	96	18076	0.2004	0.1507	
A 63 TVOC as Toluene	1	14.650	(2.748-26.552)		0	5723097	0.2004	0	
64 cis-1,3-Dichloropropene	75	14.773	14.773	0.000	91	11997	0.2004	0.1572	
65 4-Methyl-2-pentanone (MIBK	43	15.126	15.099	0.027	94	17277	0.2004	0.1462	
66 Toluene	92	15.399	15.399	0.000	91	14934	0.2004	0.1814	
A 67 Toluene Range	1	15.399	(15.359-15.439)		0	63798	NC	NC	
69 n-Octane	43	15.506	15.501	0.005	89	20960	0.2004	0.1662	
A 68 C8 Range	1	15.501	(15.451-15.551)		0	80085	NC	NC	
70 trans-1,3-Dichloropropene	75	16.014	16.014	0.000	87	12745	0.2004	0.1523	
71 1,1,2-Trichloroethane	83	16.394	16.399	-0.005	57	8174	0.2004	0.1774	M
72 Tetrachloroethene	166	16.517	16.517	0.000	89	14933	0.2004	0.1846	M
73 2-Hexanone	43	16.913	16.886	0.027	95	18510	0.2004	0.1702	M
74 Chlorodibromomethane	129	17.170	17.175	-0.005	94	15126	0.2004	0.1423	
75 Ethylene Dibromide	107	17.453	17.448	0.005	74	12943	0.2004	0.1586	M
* 76 Chlorobenzene-d5	117	18.373	18.373	0.000	93	1789793	10.0	10.0	
77 Chlorobenzene	112	18.438	18.438	0.000	19	19813	0.2004	0.1770	
78 Ethylbenzene	91	18.598	18.603	-0.005	98	32438	0.2004	0.1755	
79 n-Nonane	57	18.764	18.764	0.000	92	15344	0.2004	0.1650	
80 m-Xylene & p-Xylene	106	18.866	18.860	0.006	0	24451	0.4009	0.3414	
83 o-Xylene	106	19.706	19.711	-0.005	91	12360	0.2004	0.1726	
84 Styrene	104	19.759	19.764	-0.005	79	14167	0.2004	0.1439	M
S 82 Xylenes, Total	106				0		0.6013	0.5140	
85 Bromoform	173	20.166	20.176	-0.010	87	13155	0.2004	0.1257	
86 Isopropylbenzene	105	20.412	20.417	-0.005	98	33364	0.2004	0.1633	
* 87 4-Bromofluorobenzene	95	20.781	20.781	0.000	90	1388124	10.0	10.0	
88 1,1,2,2-Tetrachloroethane	83	21.064	21.064	0.000	92	19565	0.2004	0.1700	
90 N-Propylbenzene	91	21.145	21.150	-0.005	96	42941	0.2004	0.1684	
89 1,2,3-Trichloropropane	75	21.161	21.155	0.006	89	17695	0.2004	0.1761	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 2-Chlorotoluene	91	21.332	21.343	-0.010	90	29598	0.2004	0.1590	M
91 4-Ethyltoluene	105	21.337	21.343	-0.005	85	29661	0.2004	0.1475	
93 n-Decane	57	21.348	21.353	-0.005	90	17526	0.2004	0.1500	
94 1,3,5-Trimethylbenzene	105	21.455	21.455	0.000	91	26244	0.2004	0.1546	
95 Alpha Methyl Styrene	118	21.813	21.819	-0.006	89	11384	0.2004	0.1434	
96 tert-Butylbenzene	119	21.936	21.942	-0.006	84	25363	0.2004	0.1596	
97 1,2,4-Trimethylbenzene	105	22.038	22.038	0.000	97	27388	0.2004	0.1613	
98 sec-Butylbenzene	105	22.263	22.268	-0.005	96	37372	0.2004	0.1565	
99 4-Isopropyltoluene	119	22.471	22.477	-0.006	95	28481	0.2004	0.1427	
100 1,3-Dichlorobenzene	146	22.493	22.487	0.006	88	18969	0.2004	0.1568	M
101 1,4-Dichlorobenzene	146	22.616	22.626	-0.010	88	17886	0.2004	0.1539	
102 Benzyl chloride	91	22.819	22.819	0.000	95	20436	0.2004	0.1368	
103 n-Butylbenzene	91	23.038	23.038	0.000	96	26514	0.2004	0.1425	
104 Undecane	57	23.076	23.081	-0.005	88	15647	0.2004	0.1367	
105 1,2-Dichlorobenzene	146	23.151	23.151	0.000	93	17749	0.2004	0.1574	
106 Dodecane	57	24.633	24.638	-0.005	86	12135	0.2004	0.1511	
107 1,2,4-Trichlorobenzene	180	25.612	25.606	0.006	89	12458	0.2004	0.1471	
108 Hexachlorobutadiene	225	25.799	25.804	-0.005	83	11640	0.2004	0.1358	
109 Naphthalene	128	26.072	26.077	-0.005	98	20645	0.2004	0.1247	
110 1,2,3-Trichlorobenzene	180	26.553	26.542	0.011	89	11998	0.2004	0.1676	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00126	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

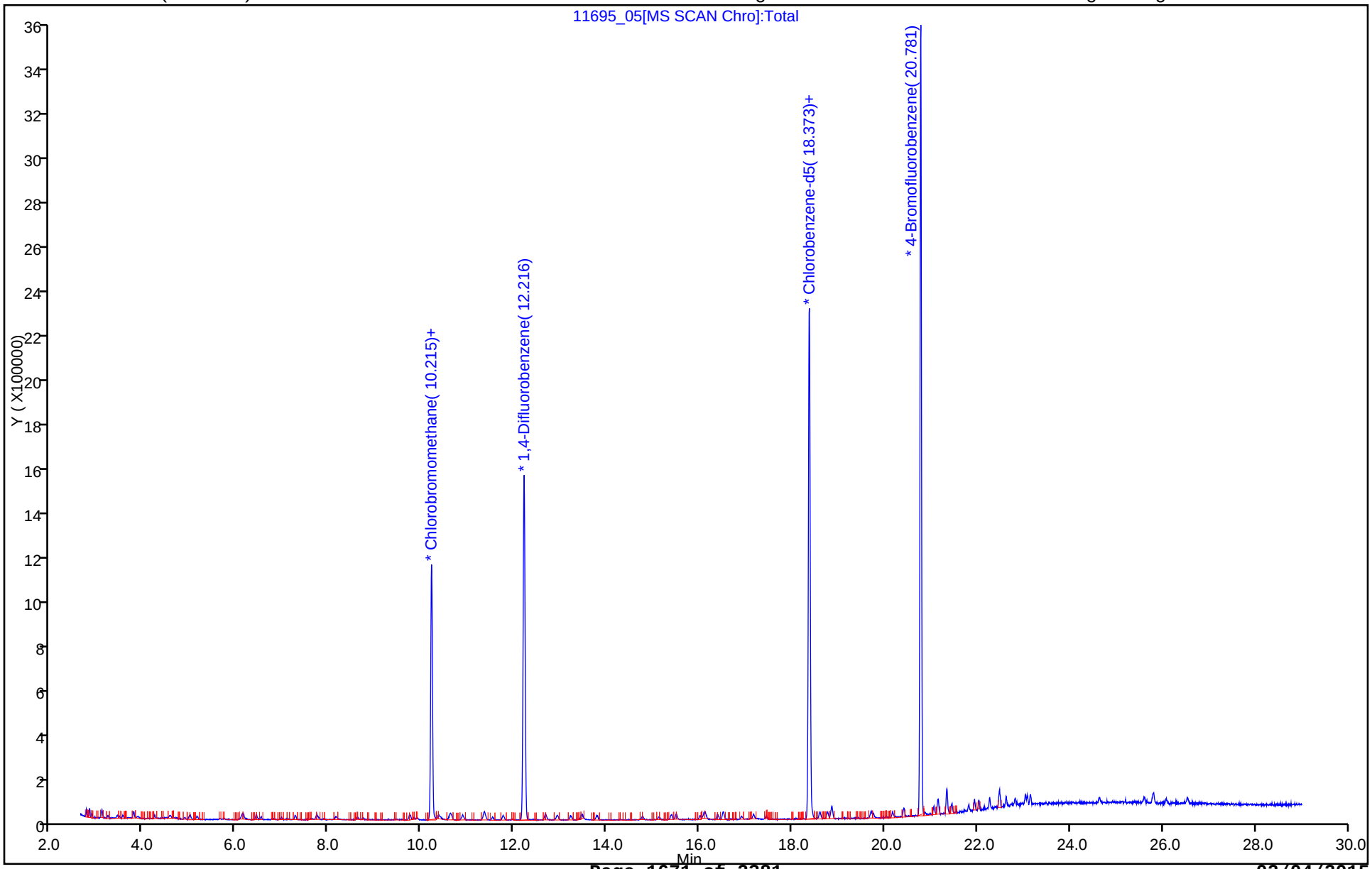
Report Date: 20-Jan-2015 12:22:42 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D

Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	IC			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

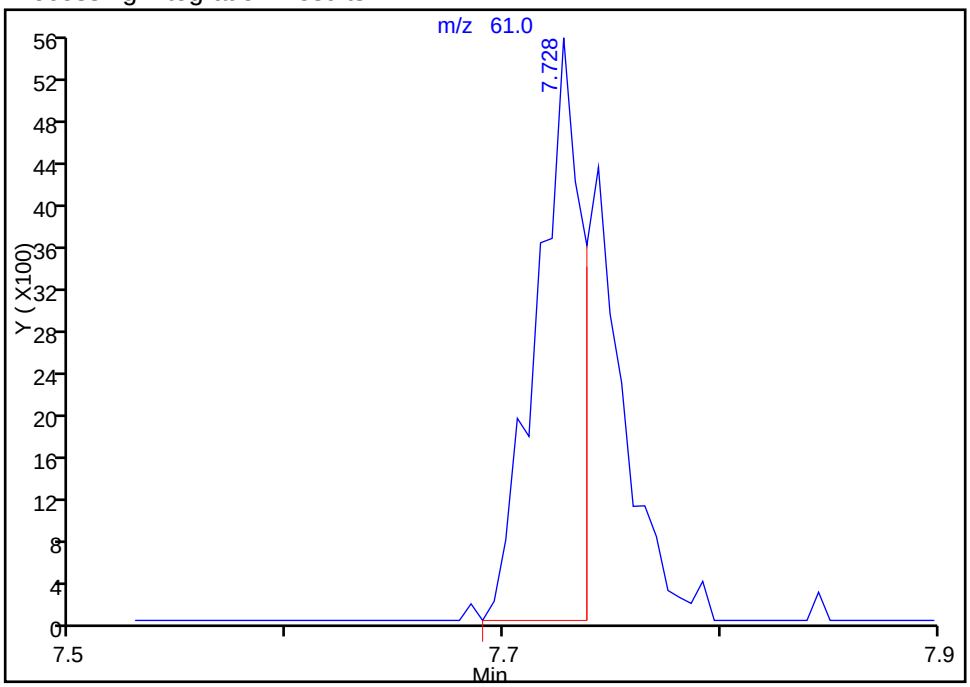
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 trans-1,2-Dichloroethene, CAS: 156-60-5

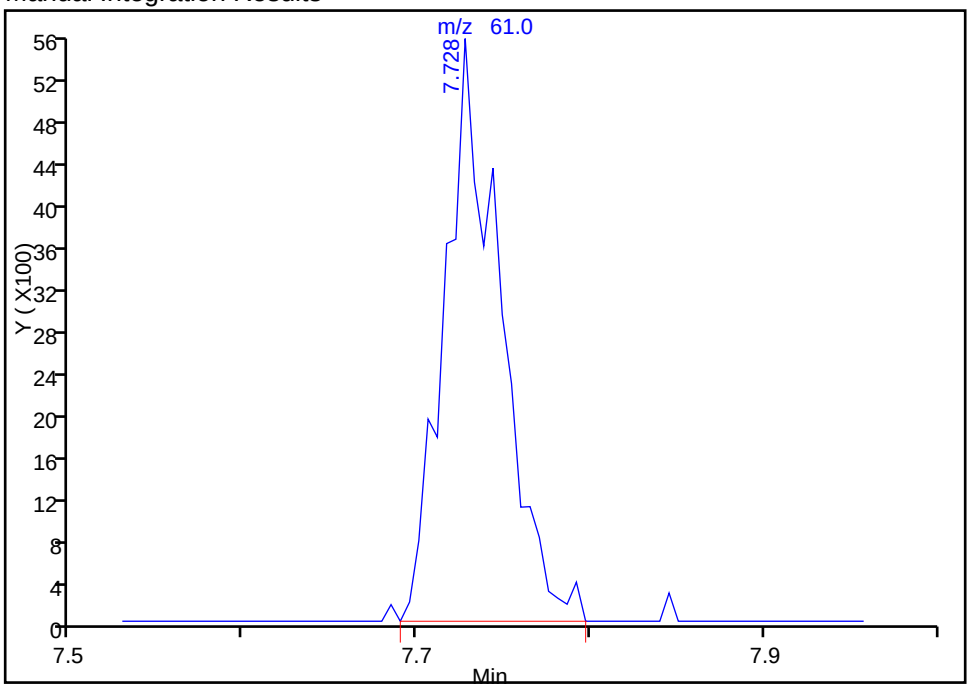
Processing Integration Results

RT: 7.73
Area: 8075
Amount: 0.152858
Amount Units: ppb v/v



Manual Integration Results

RT: 7.73
Area: 12412
Amount: 0.209248
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

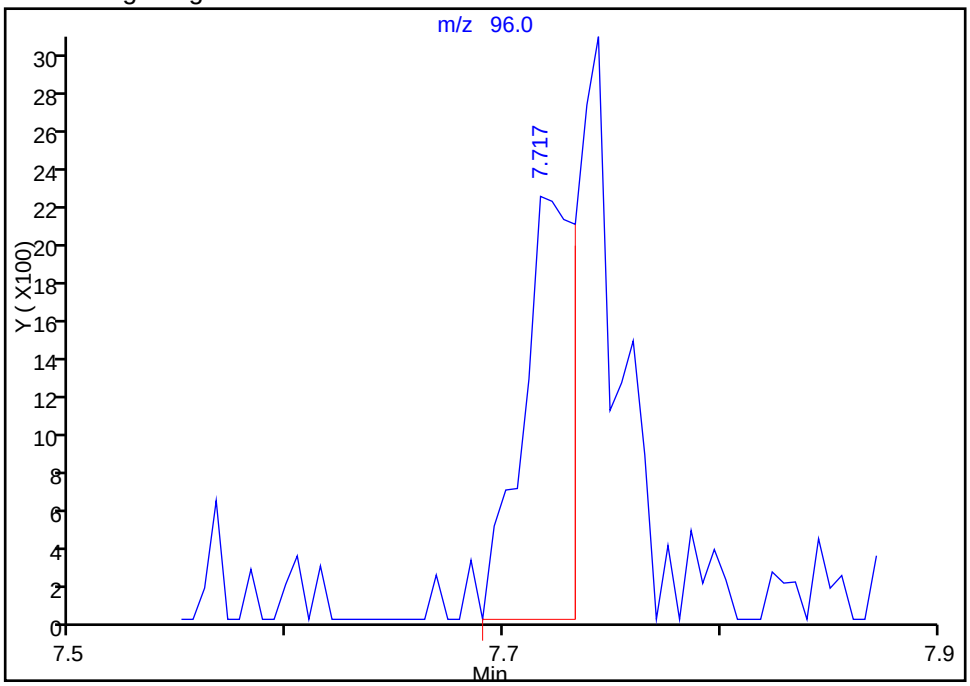
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D
Injection Date: 19-Jan-2015 18:32:30 Instrument ID: CHG.i
Lims ID: IC
Client ID:
Operator ID: bpl ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

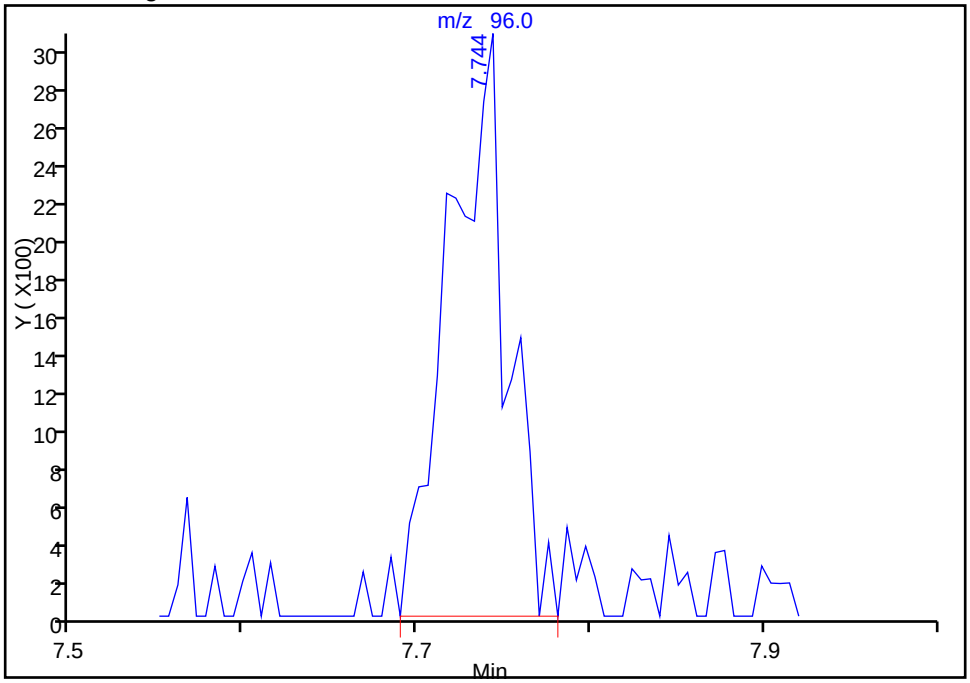
Processing Integration Results

RT: 7.72
Area: 3791
Amount: 0.152858
Amount Units: ppb v/v



Manual Integration Results

RT: 7.74
Area: 7292
Amount: 0.209248
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

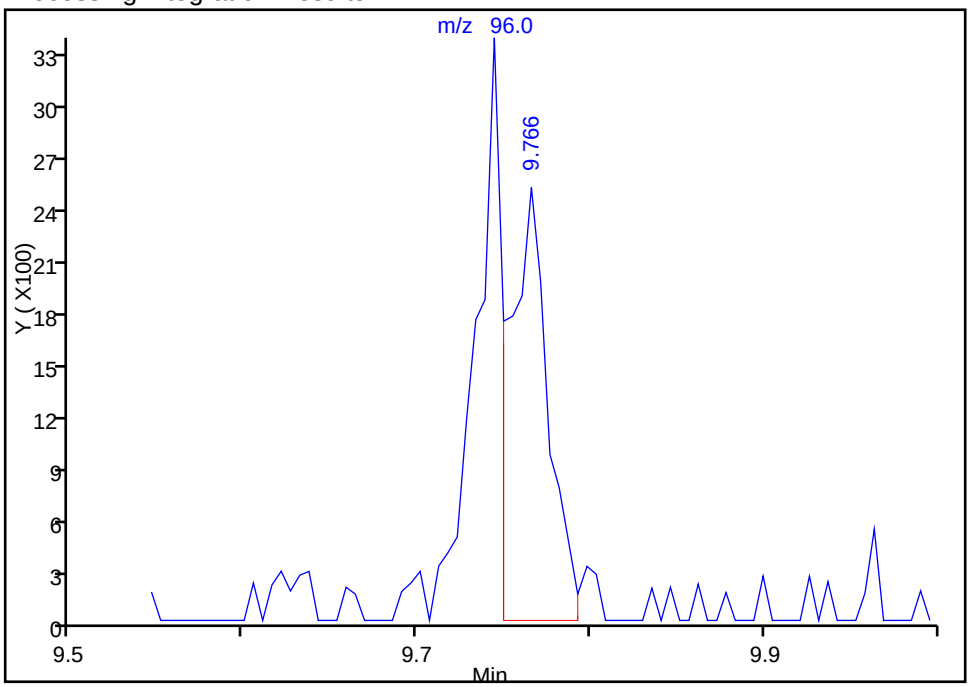
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2

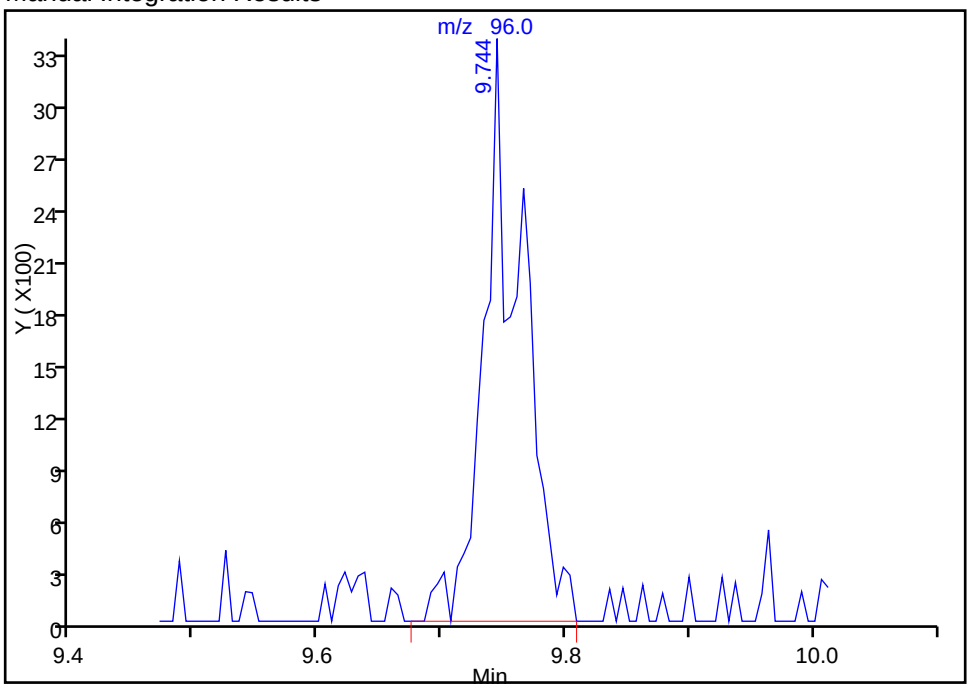
Processing Integration Results

RT: 9.77
Area: 3882
Amount: 0.114306
Amount Units: ppb v/v



Manual Integration Results

RT: 9.74
Area: 7253
Amount: 0.187976
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

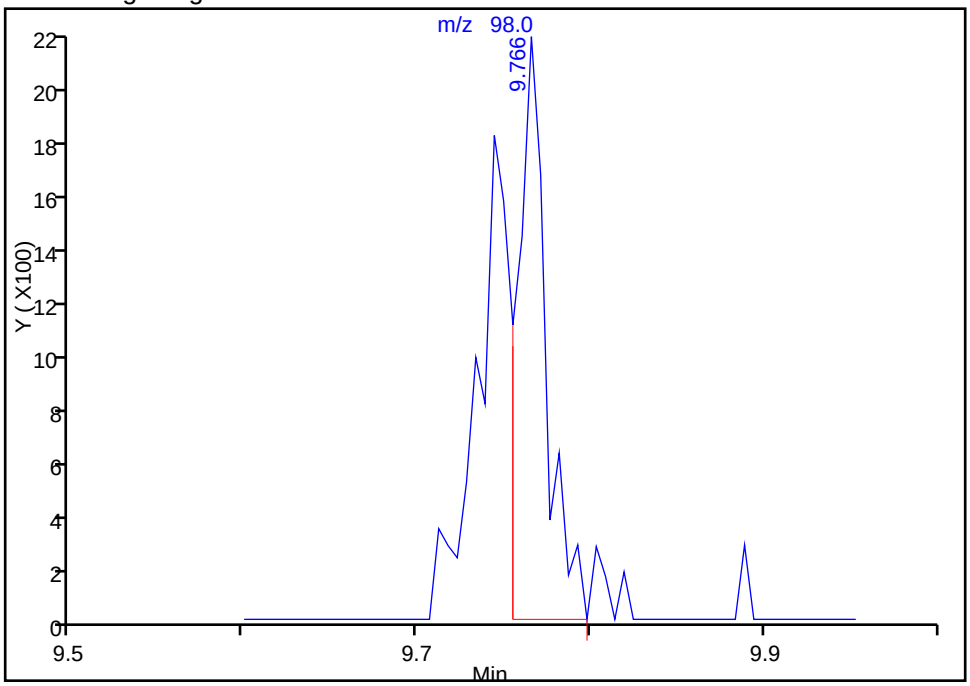
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2

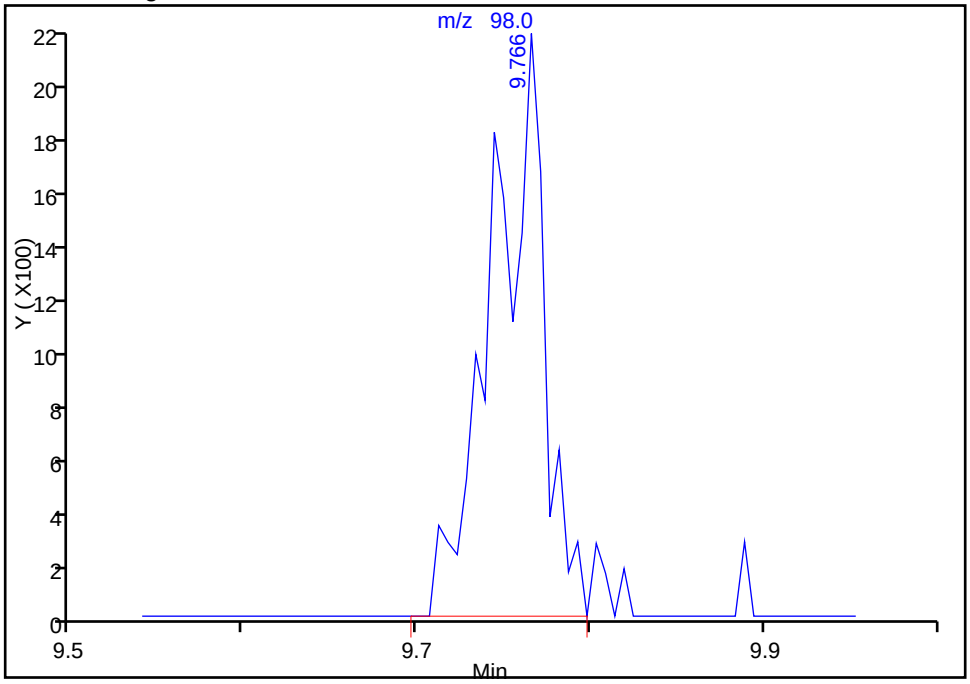
Processing Integration Results

RT: 9.77
Area: 2471
Amount: 0.114306
Amount Units: ppb v/v



Manual Integration Results

RT: 9.77
Area: 4533
Amount: 0.187976
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

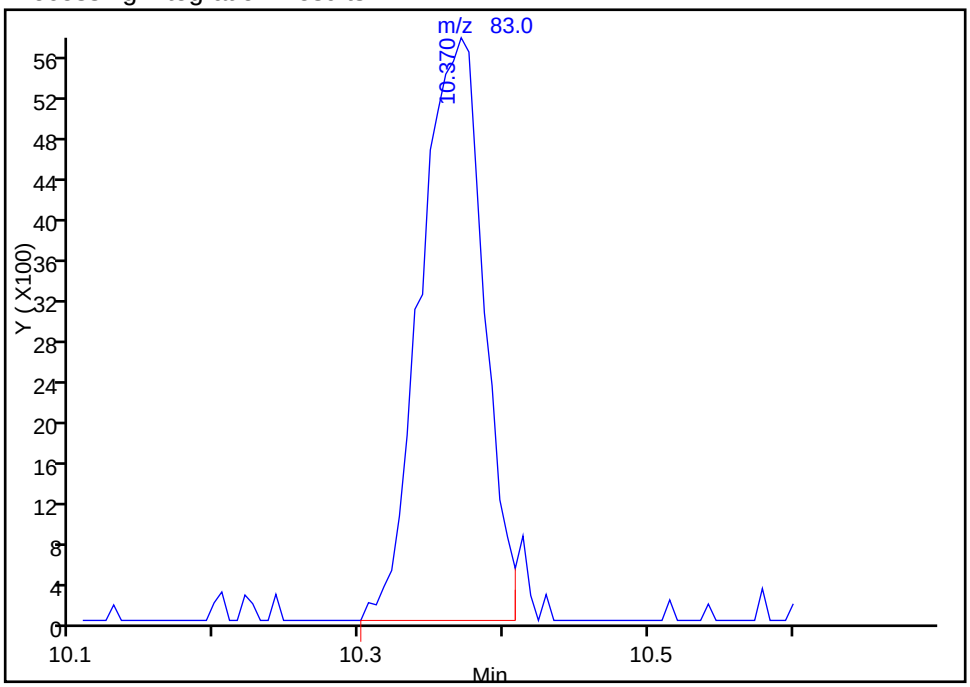
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Chloroform, CAS: 67-66-3

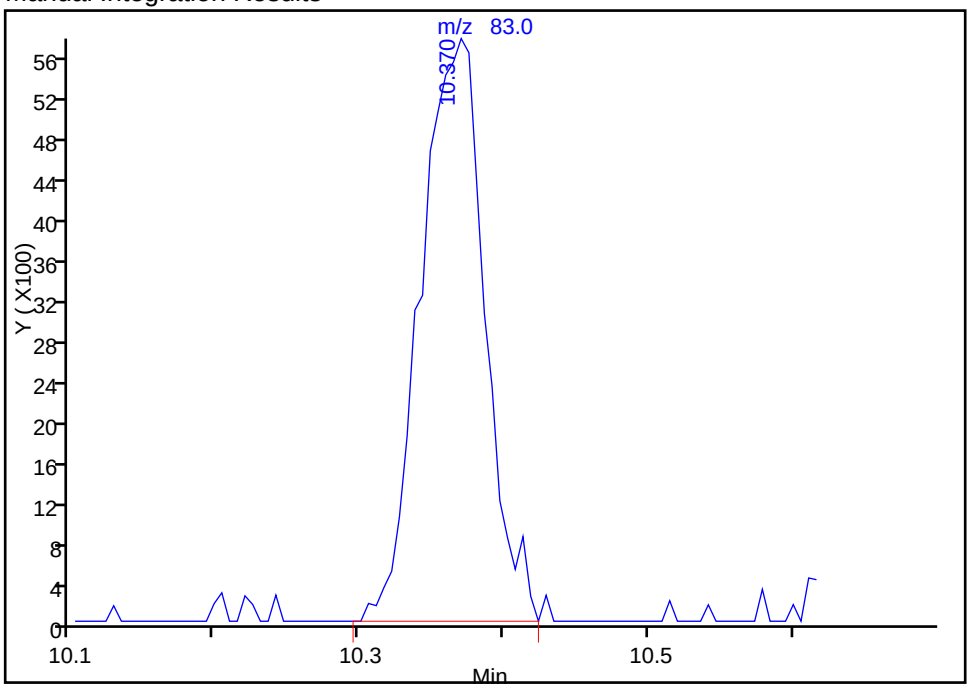
Processing Integration Results

RT: 10.37
Area: 17361
Amount: 0.190025
Amount Units: ppb v/v



Manual Integration Results

RT: 10.37
Area: 17705
Amount: 0.182218
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

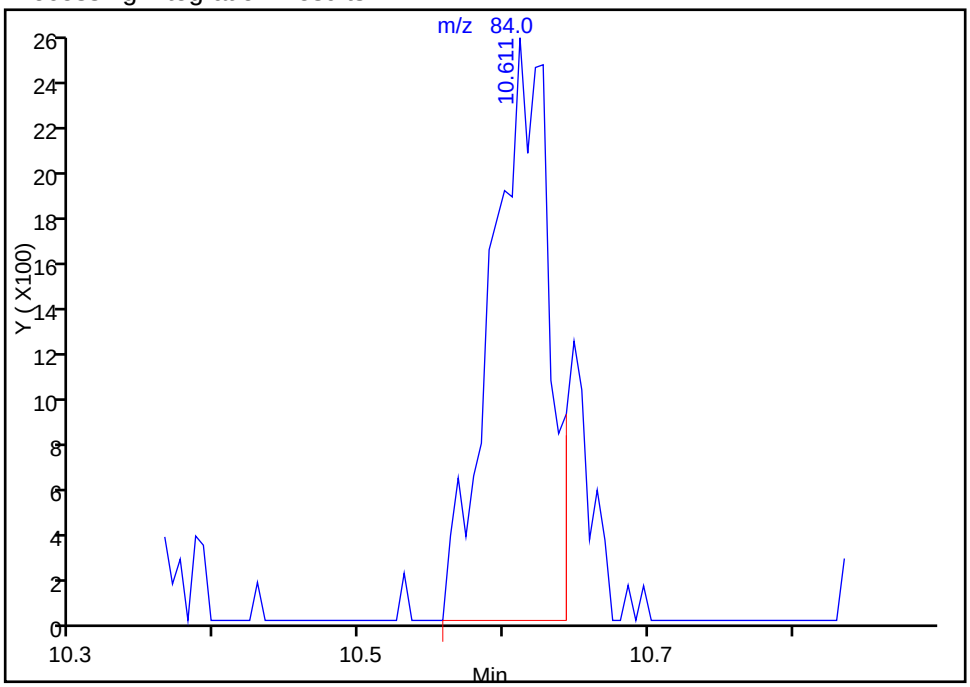
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Cyclohexane, CAS: 110-82-7

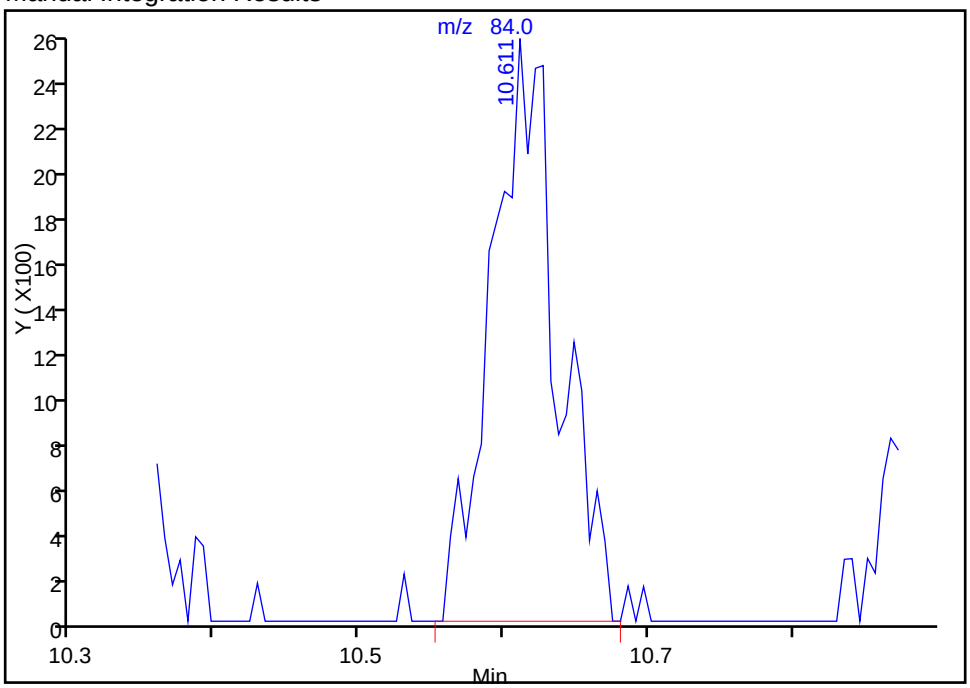
Processing Integration Results

RT: 10.61
Area: 7197
Amount: 0.183805
Amount Units: ppb v/v



Manual Integration Results

RT: 10.61
Area: 8340
Amount: 0.192107
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

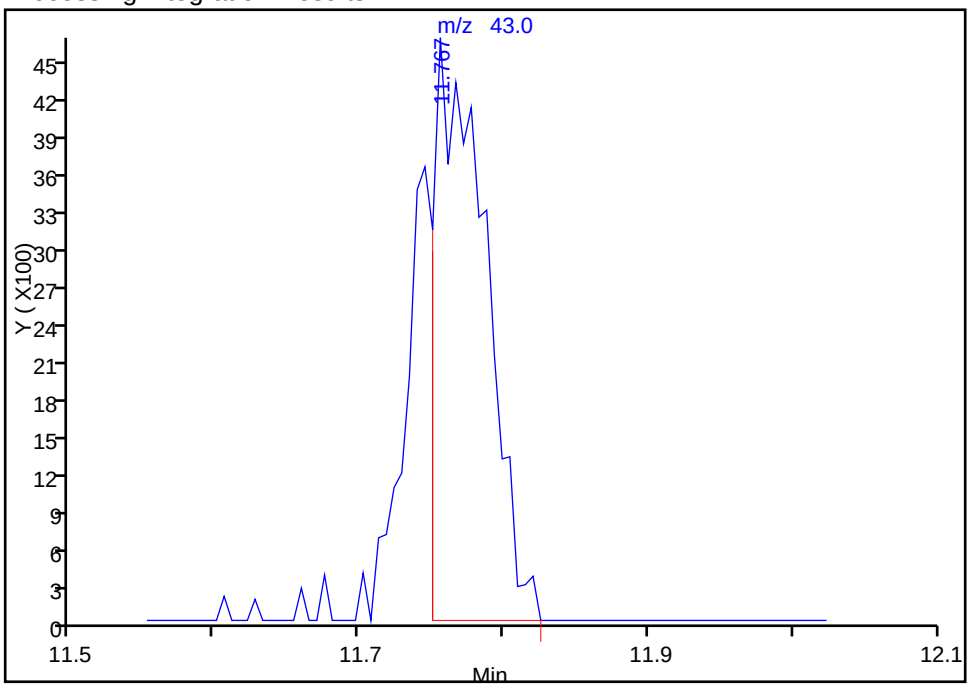
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 n-Heptane, CAS: 142-82-5

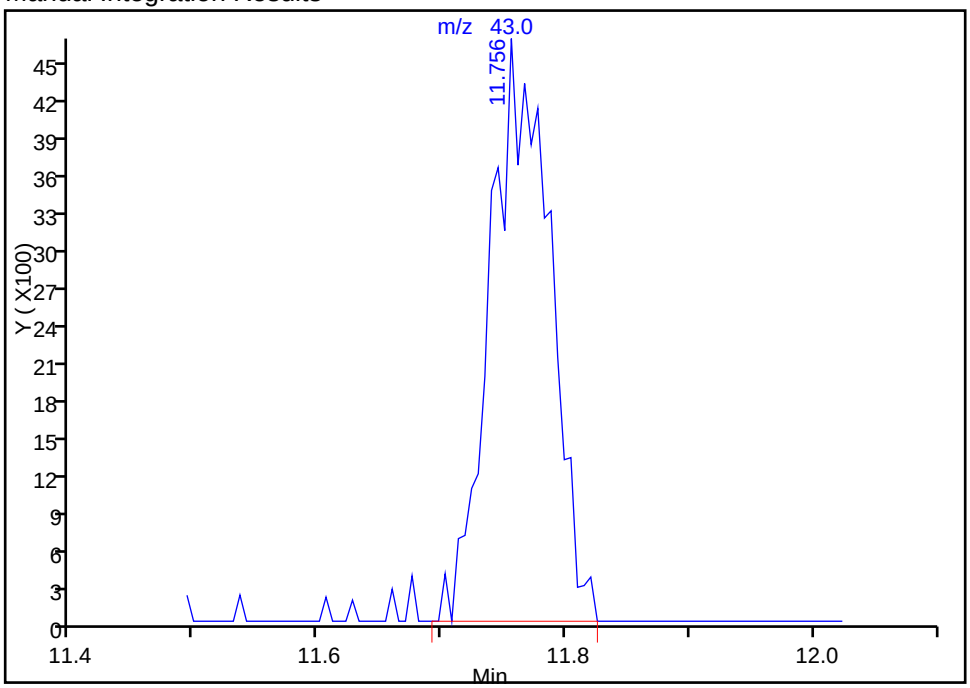
Processing Integration Results

RT: 11.77
Area: 11502
Amount: 0.156856
Amount Units: ppb v/v



Manual Integration Results

RT: 11.76
Area: 15683
Amount: 0.189734
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

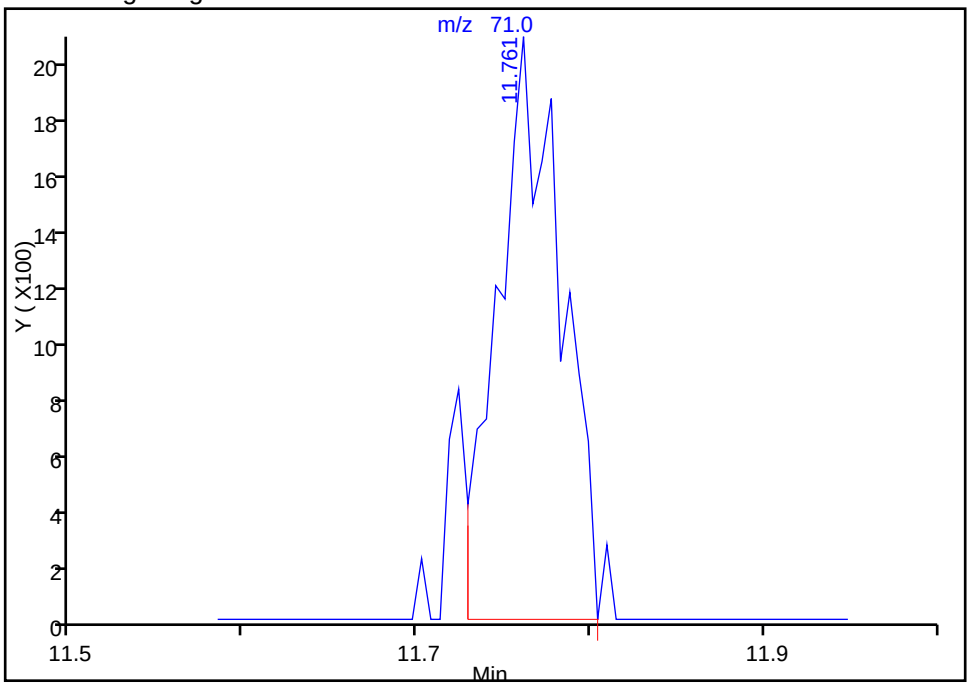
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 n-Heptane, CAS: 142-82-5

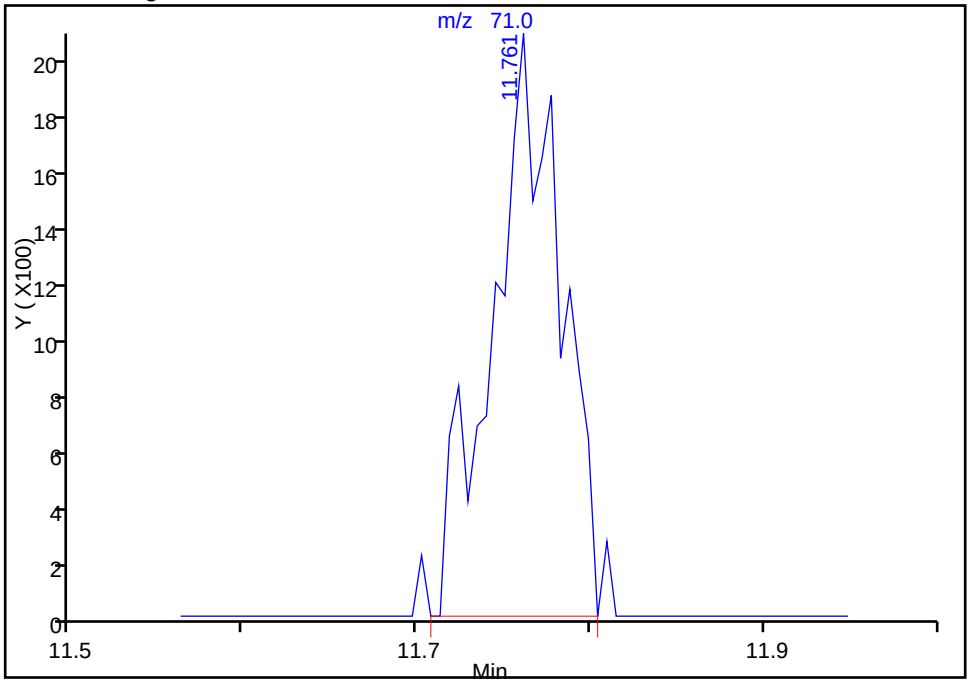
Processing Integration Results

RT: 11.76
Area: 5130
Amount: 0.156856
Amount Units: ppb v/v



Manual Integration Results

RT: 11.76
Area: 5586
Amount: 0.189734
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

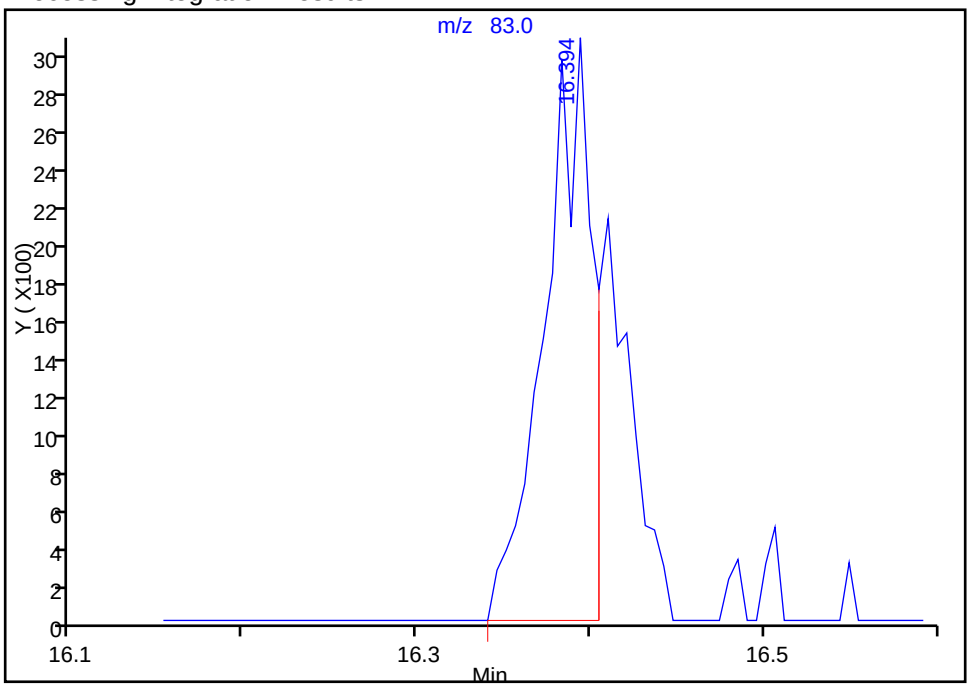
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

71 1,1,2-Trichloroethane, CAS: 79-00-5

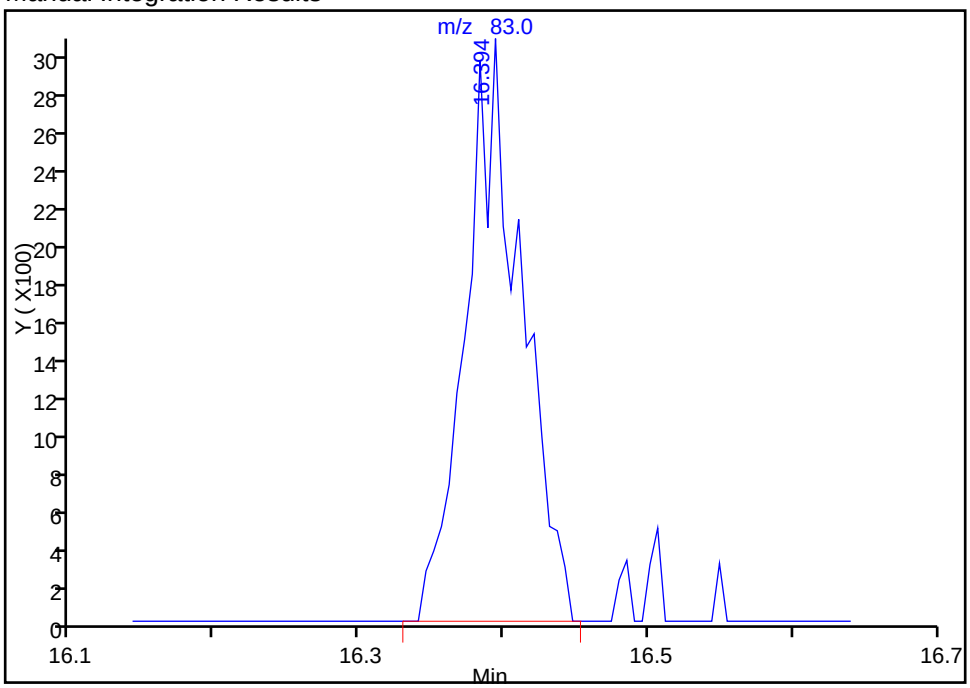
Processing Integration Results

RT: 16.39
Area: 5839
Amount: 0.140736
Amount Units: ppb v/v



Manual Integration Results

RT: 16.39
Area: 8174
Amount: 0.177351
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

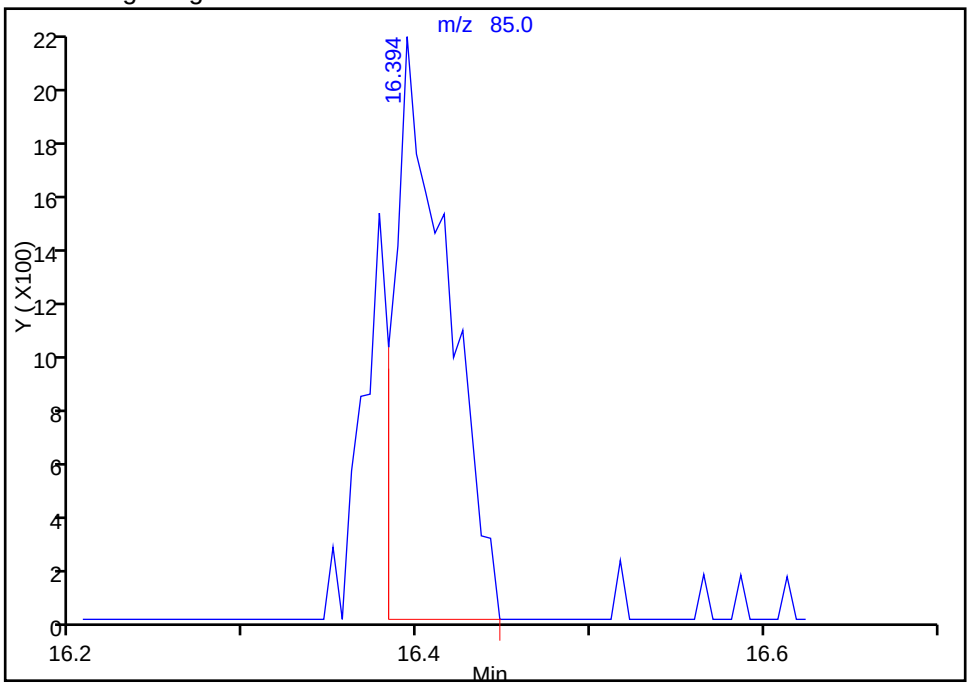
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

71 1,1,2-Trichloroethane, CAS: 79-00-5

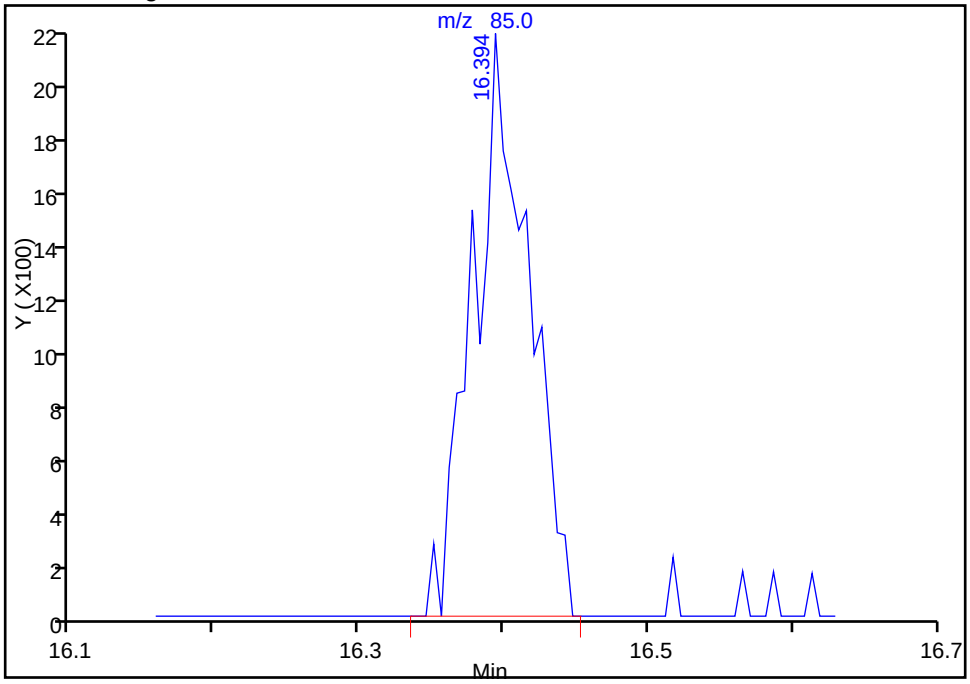
Processing Integration Results

RT: 16.39
Area: 4442
Amount: 0.140736
Amount Units: ppb v/v



Manual Integration Results

RT: 16.39
Area: 5694
Amount: 0.177351
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

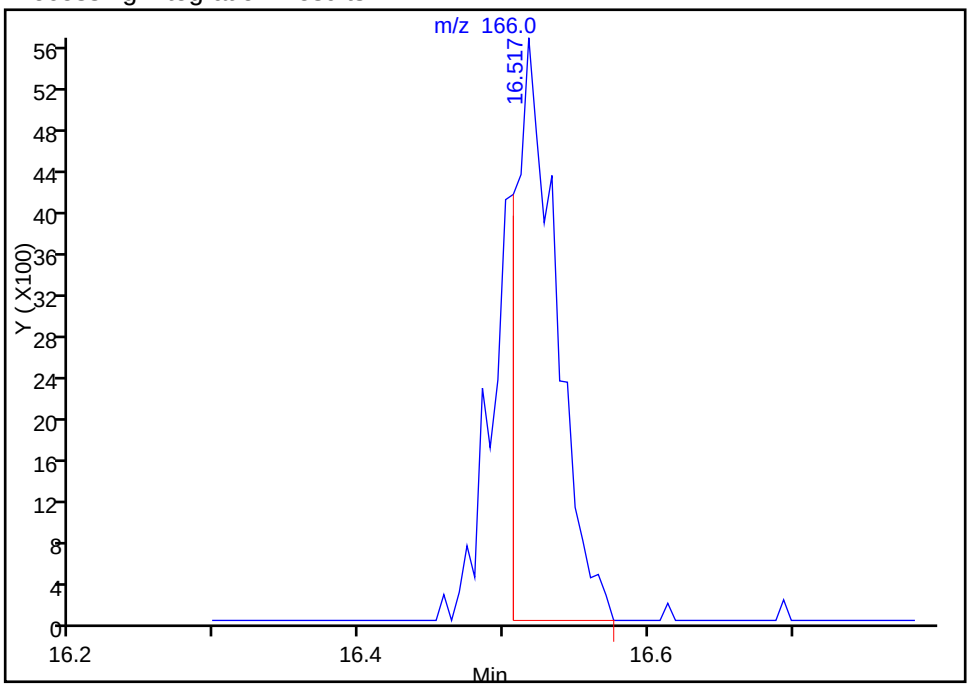
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

72 Tetrachloroethene, CAS: 127-18-4

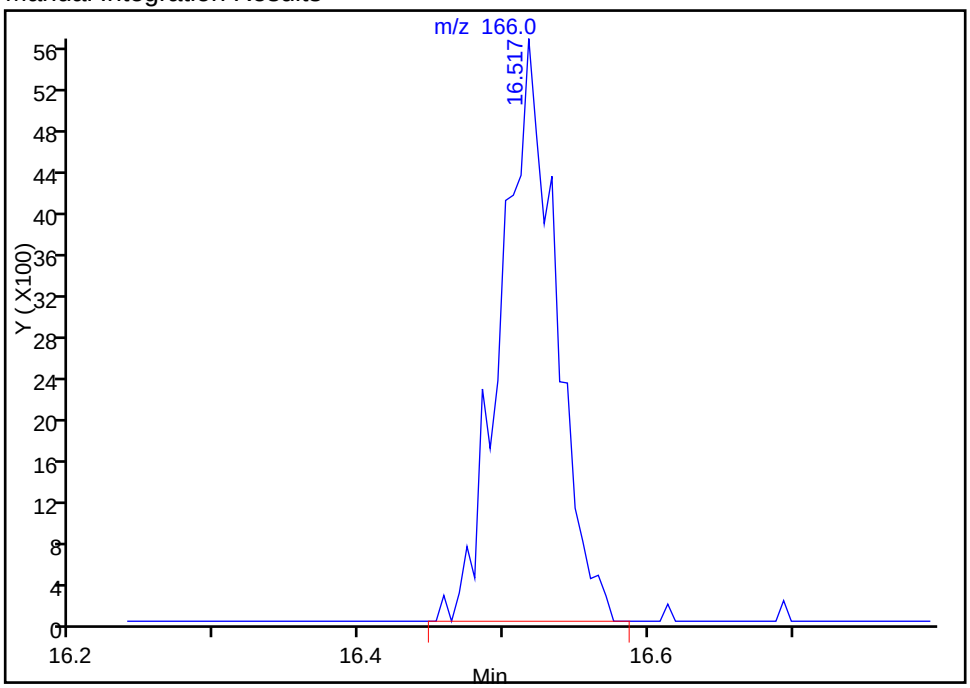
Processing Integration Results

RT: 16.52
Area: 11084
Amount: 0.162965
Amount Units: ppb v/v



Manual Integration Results

RT: 16.52
Area: 14933
Amount: 0.184620
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

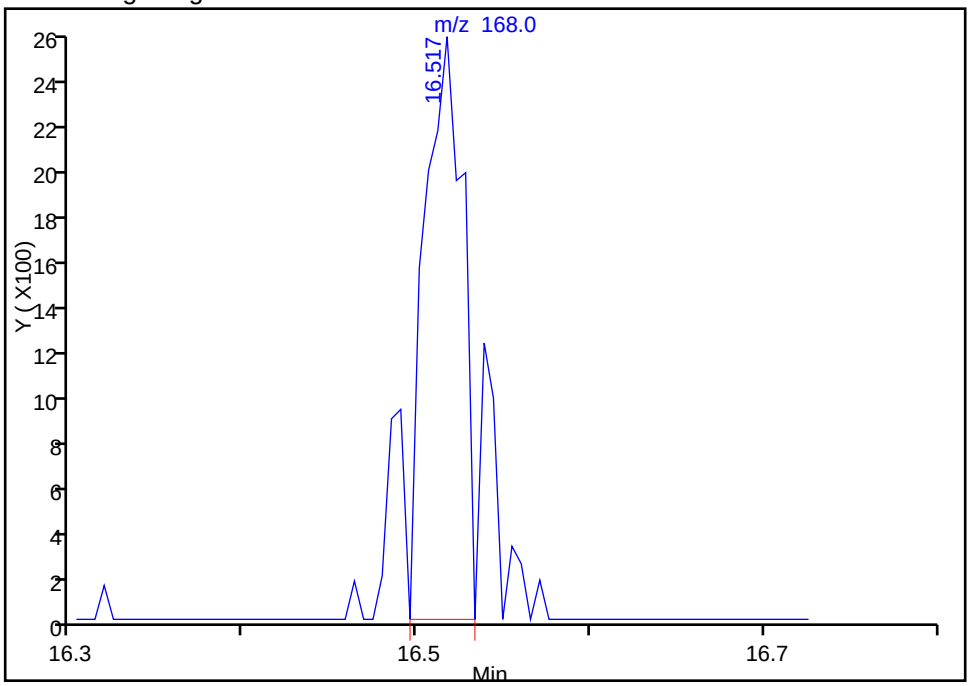
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

72 Tetrachloroethene, CAS: 127-18-4

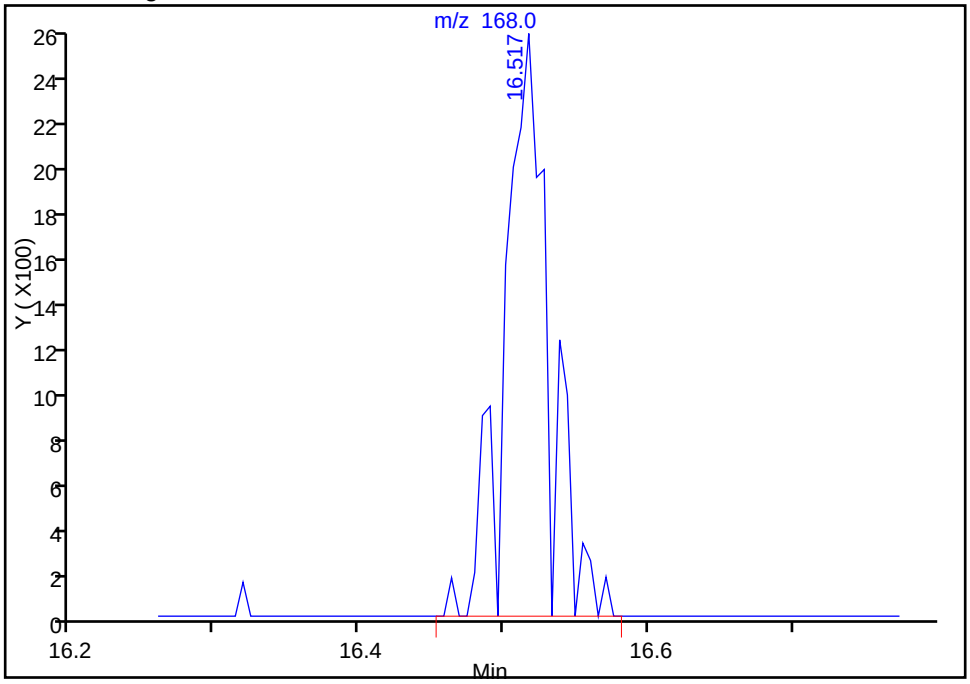
Processing Integration Results

RT: 16.52
Area: 3950
Amount: 0.162965
Amount Units: ppb v/v



Manual Integration Results

RT: 16.52
Area: 5607
Amount: 0.184620
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

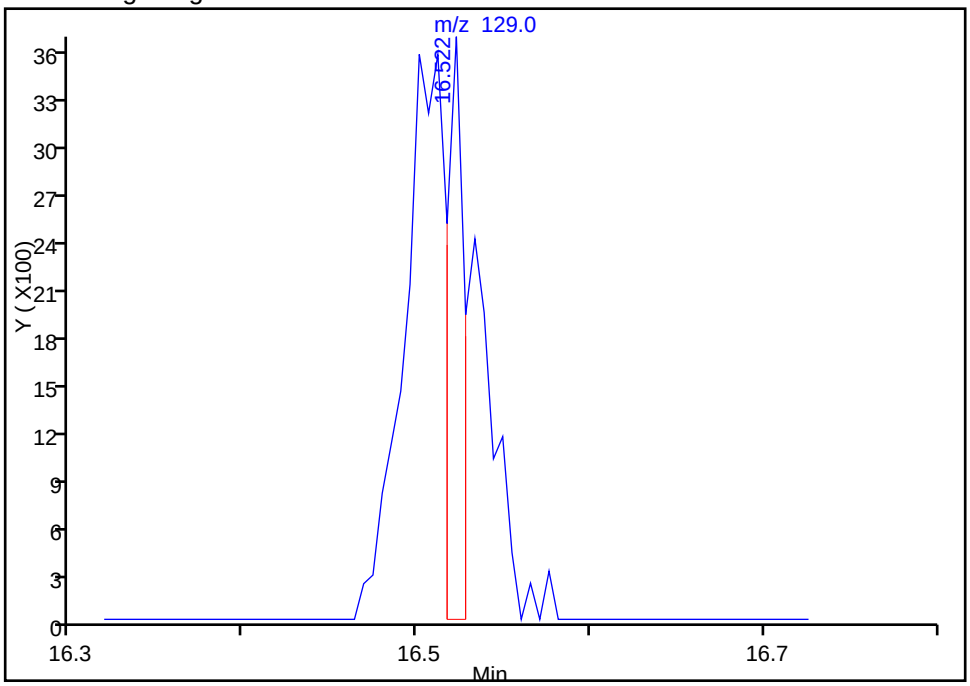
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

72 Tetrachloroethene, CAS: 127-18-4

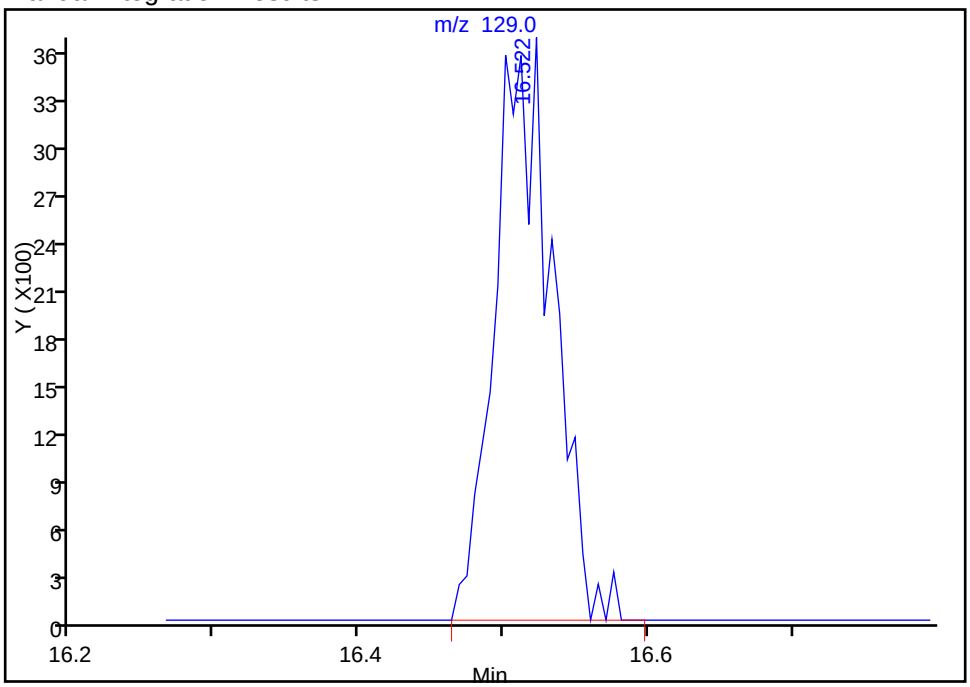
Processing Integration Results

RT: 16.52
Area: 2564
Amount: 0.162965
Amount Units: ppb v/v



Manual Integration Results

RT: 16.52
Area: 10085
Amount: 0.184620
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

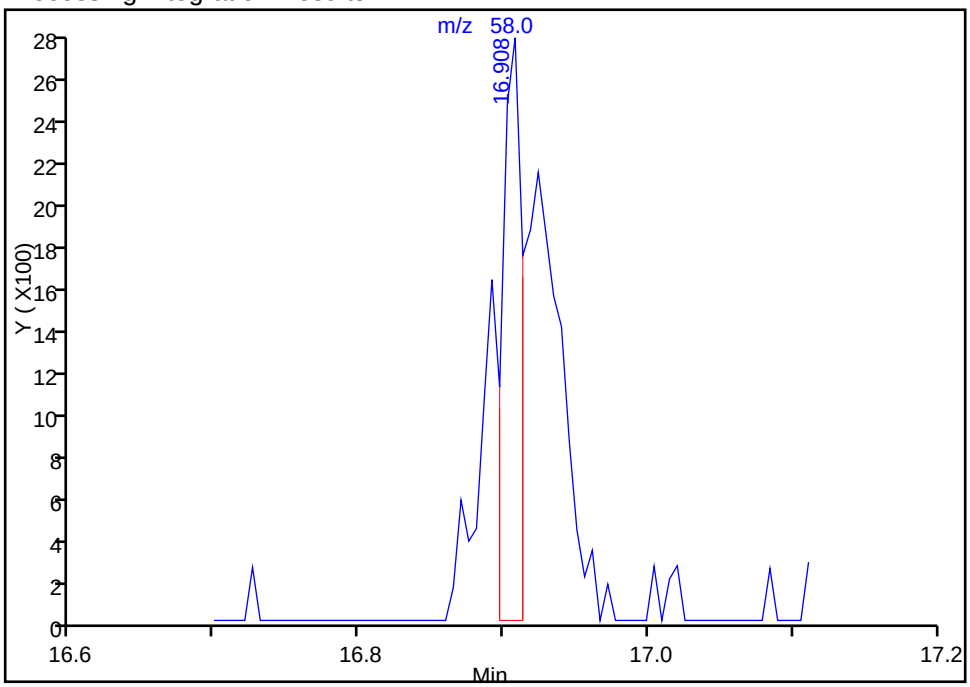
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

73 2-Hexanone, CAS: 591-78-6

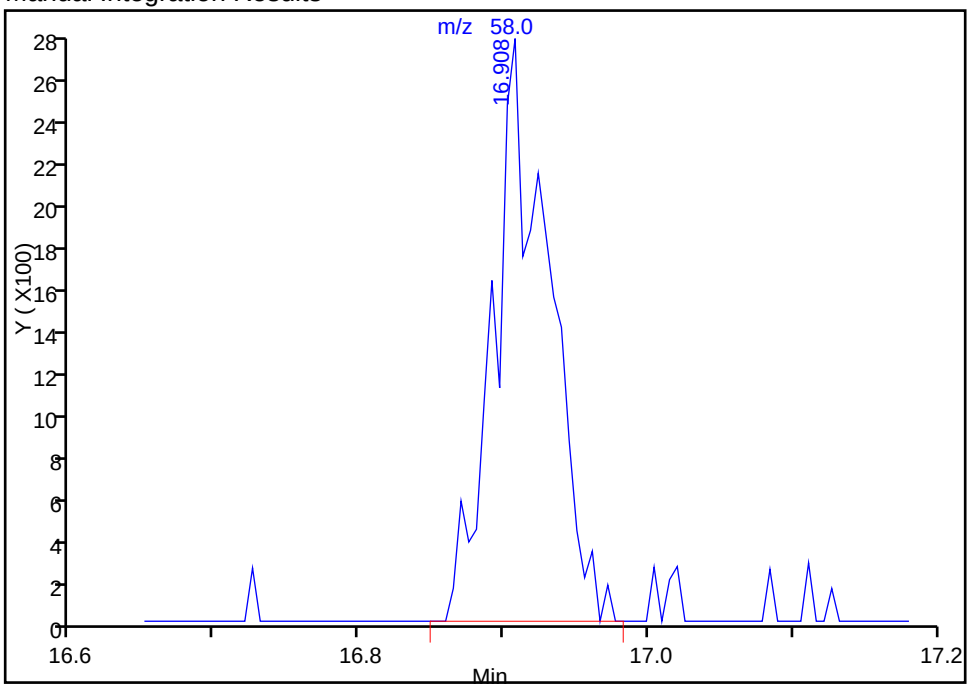
Processing Integration Results

RT: 16.91
Area: 2529
Amount: 0.186539
Amount Units: ppb v/v



Manual Integration Results

RT: 16.91
Area: 7223
Amount: 0.170244
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

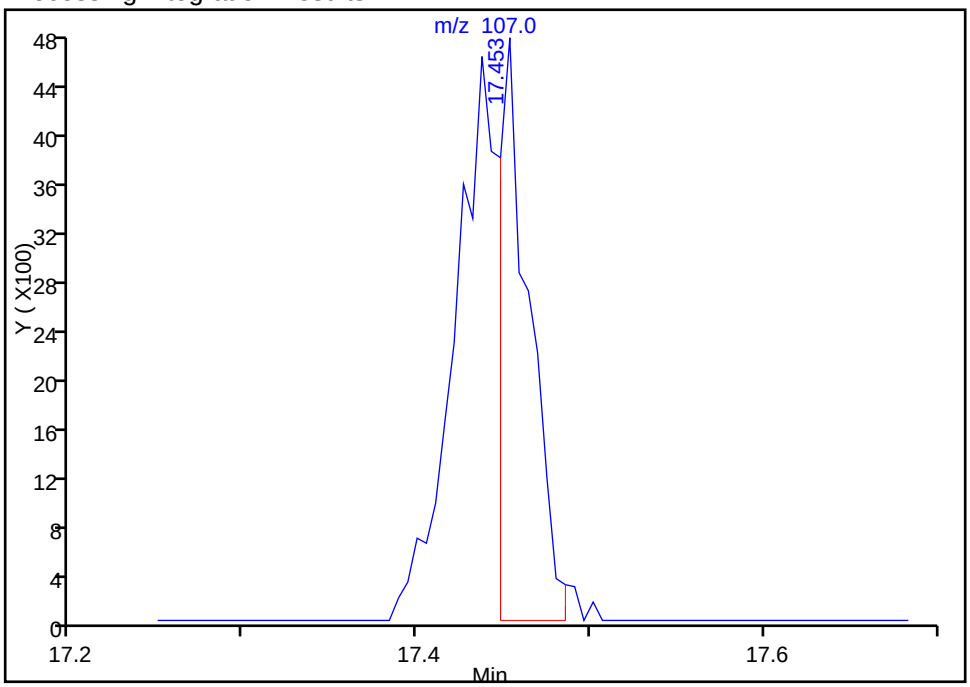
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylene Dibromide, CAS: 106-93-4

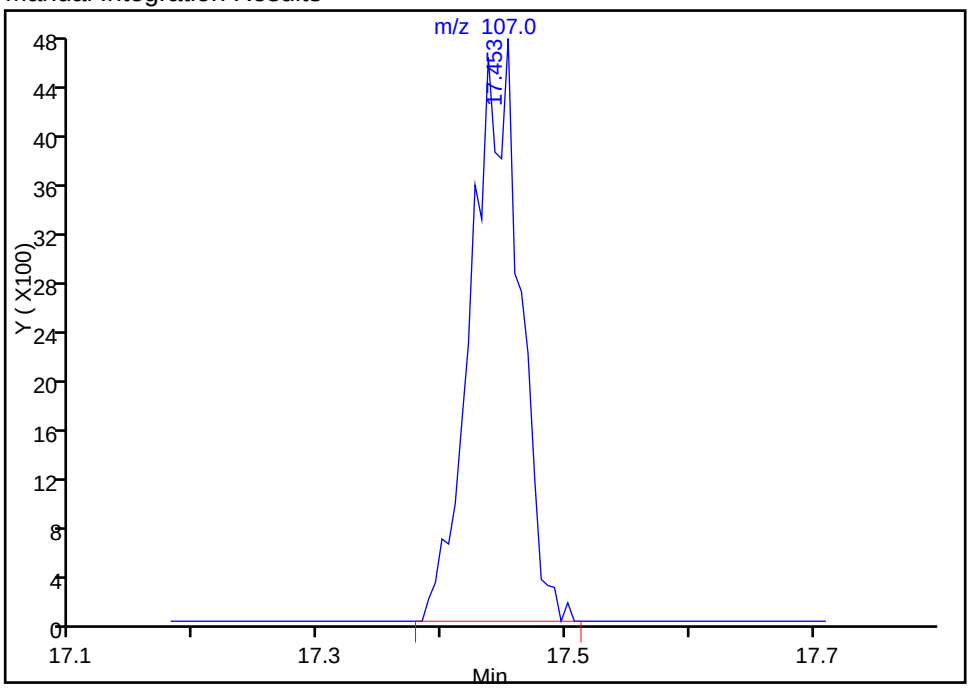
Processing Integration Results

RT: 17.45
Area: 5780
Amount: 0.081326
Amount Units: ppb v/v



Manual Integration Results

RT: 17.45
Area: 12943
Amount: 0.158632
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

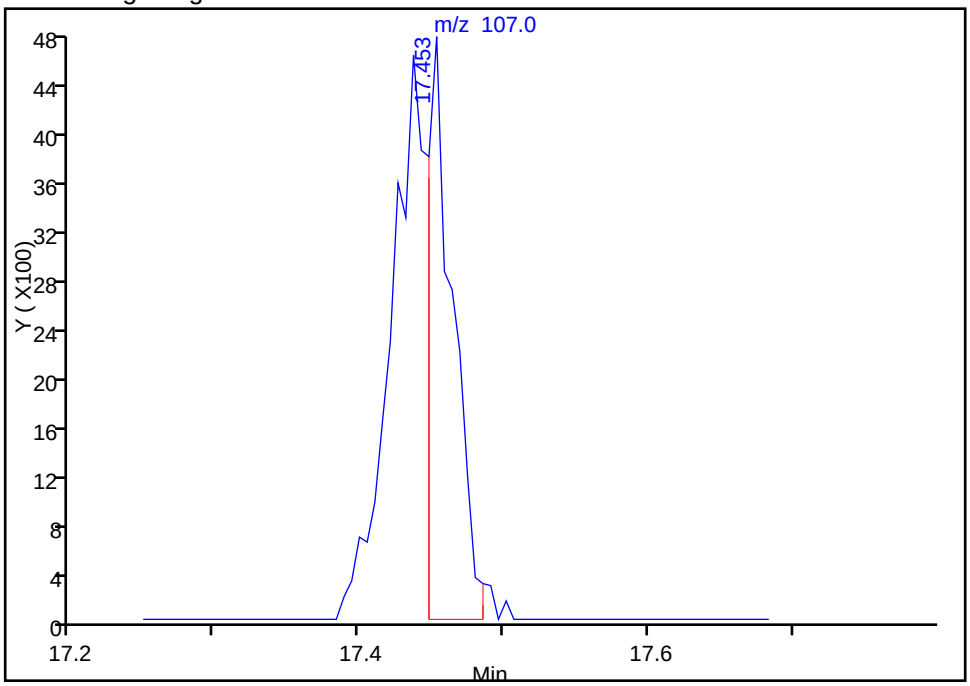
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylene Dibromide, CAS: 106-93-4

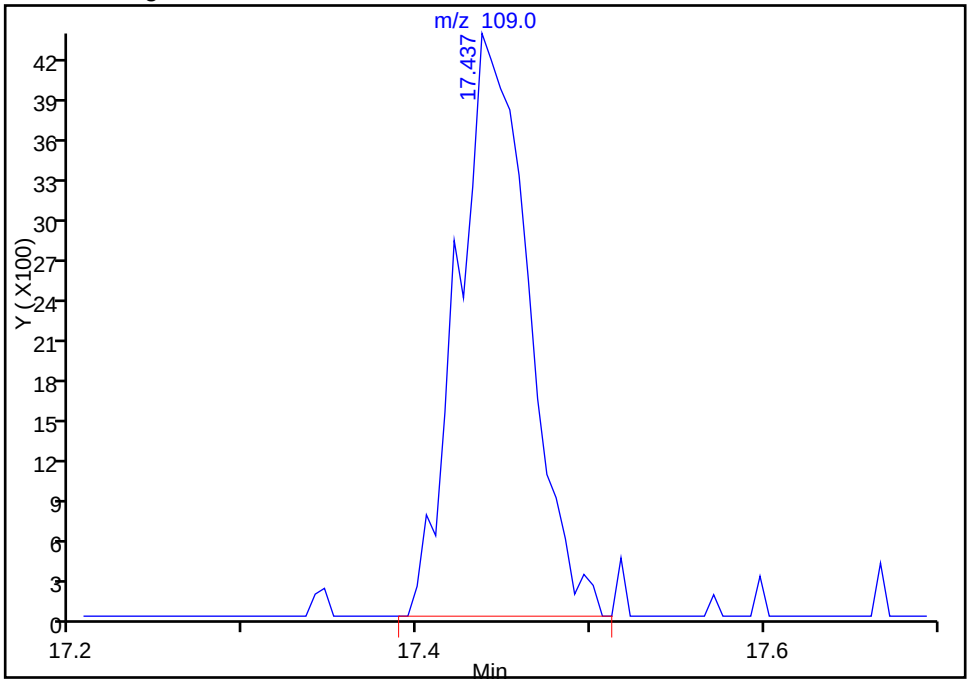
Processing Integration Results

RT: 17.45
Area: 0
Amount: 0.081326
Amount Units: ppb v/v



Manual Integration Results

RT: 17.44
Area: 12207
Amount: 0.158632
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

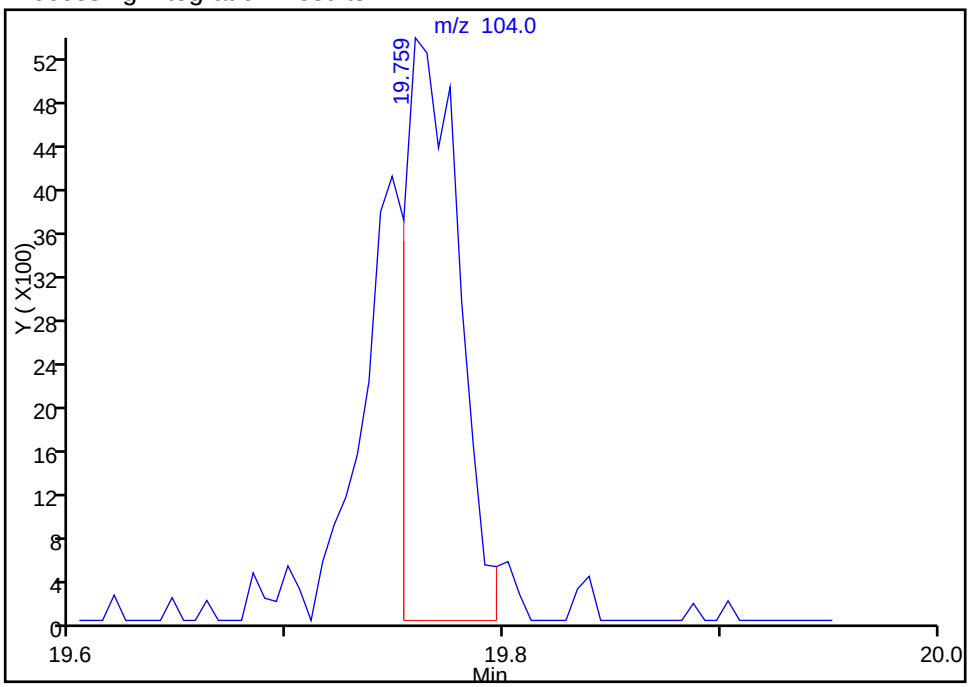
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

84 Styrene, CAS: 100-42-5

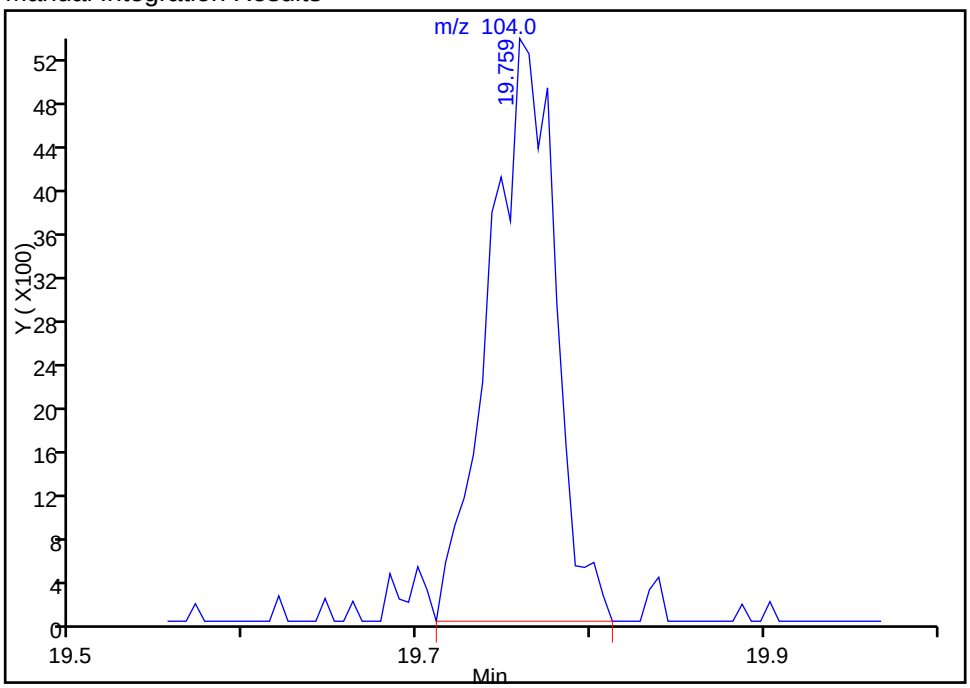
Processing Integration Results

RT: 19.76
Area: 9364
Amount: 0.105512
Amount Units: ppb v/v



Manual Integration Results

RT: 19.76
Area: 14167
Amount: 0.143910
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

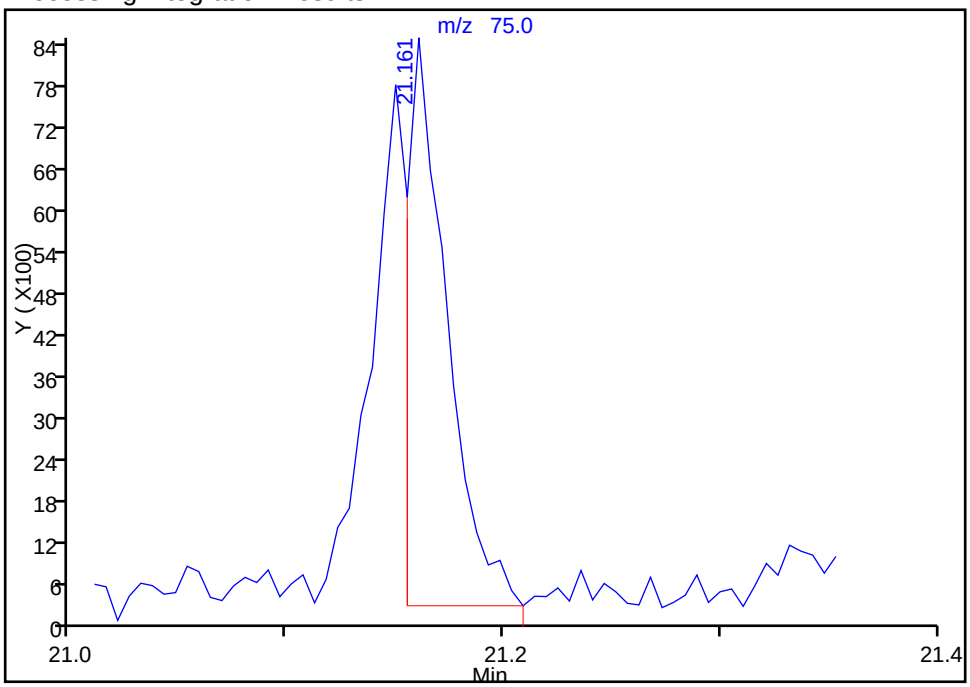
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

89 1,2,3-Trichloropropane, CAS: 96-18-4

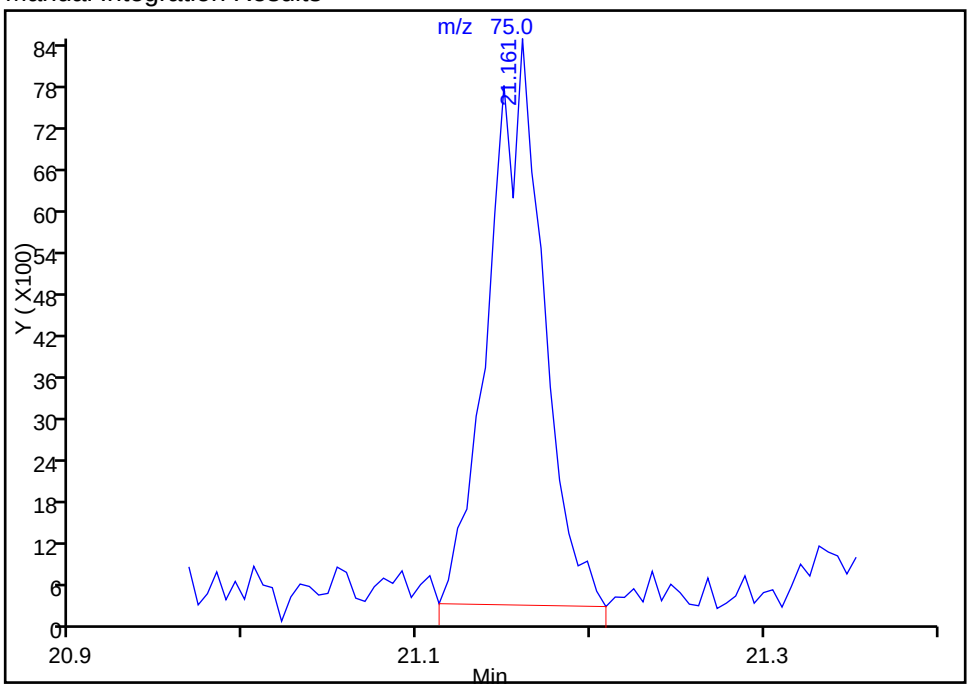
Processing Integration Results

RT: 21.16
Area: 10635
Amount: 0.113742
Amount Units: ppb v/v



Manual Integration Results

RT: 21.16
Area: 17695
Amount: 0.176117
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

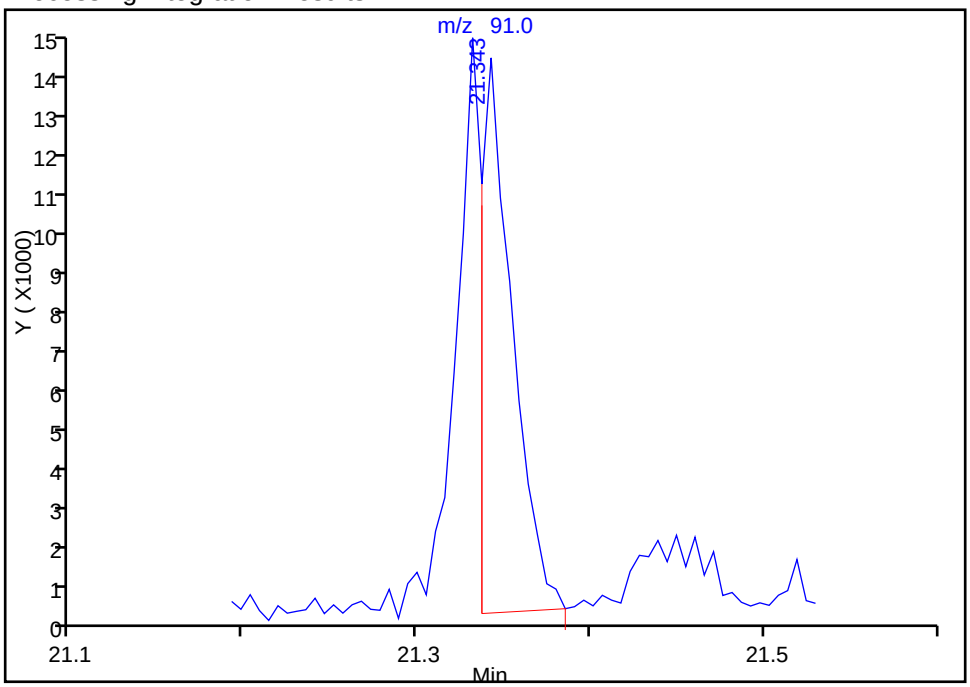
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

92 2-Chlorotoluene, CAS: 95-49-8

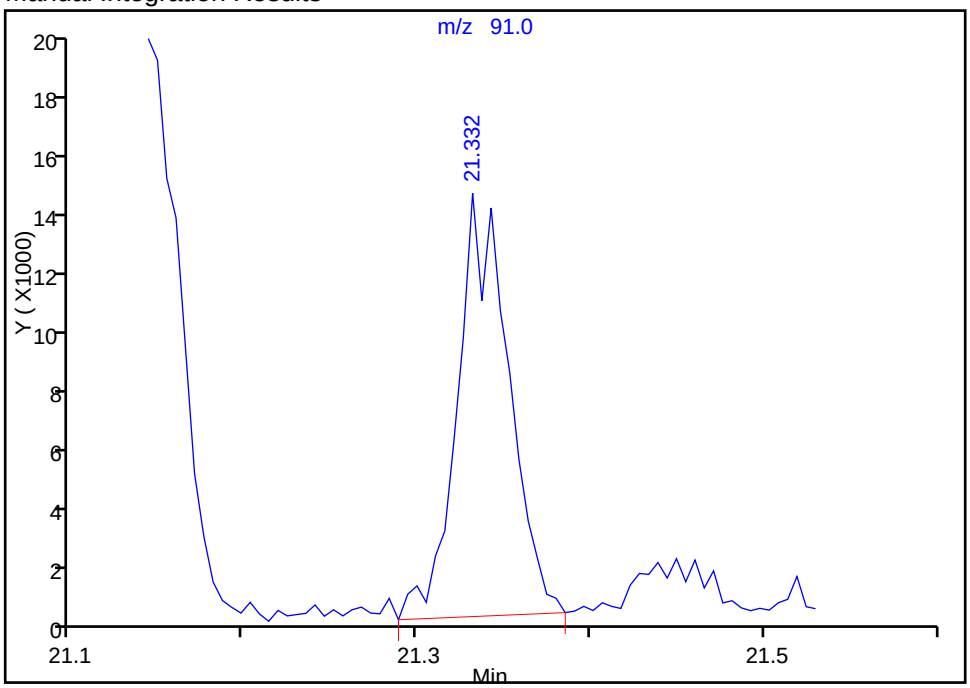
Processing Integration Results

RT: 21.34
Area: 17539
Amount: 0.105667
Amount Units: ppb v/v



Manual Integration Results

RT: 21.33
Area: 29598
Amount: 0.158951
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

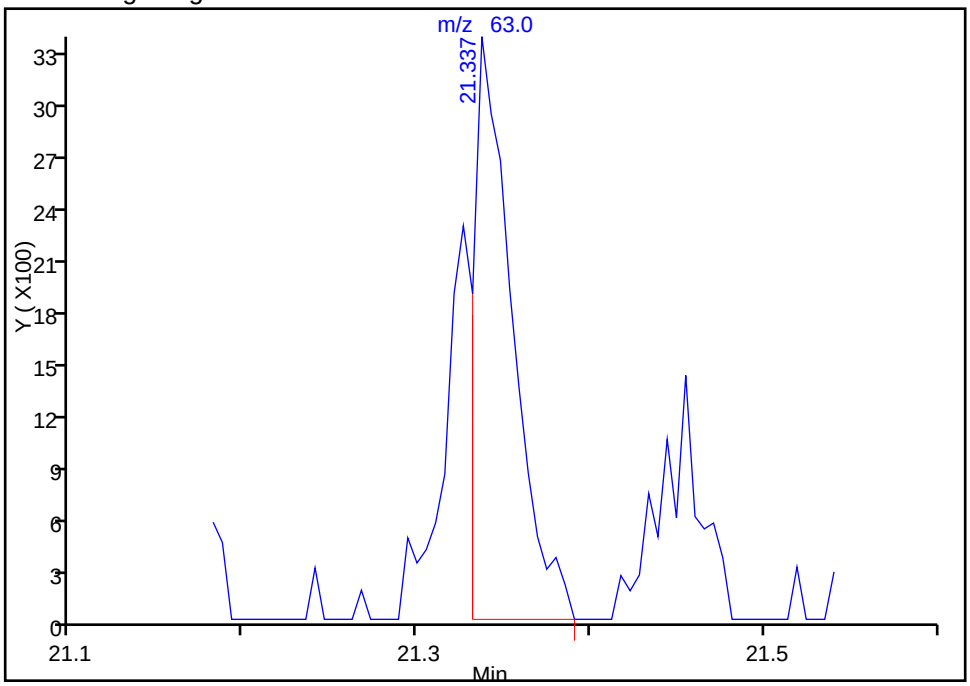
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D
Injection Date: 19-Jan-2015 18:32:30 Instrument ID: CHG.i
Lims ID: IC
Client ID:
Operator ID: bpl ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

92 2-Chlorotoluene, CAS: 95-49-8

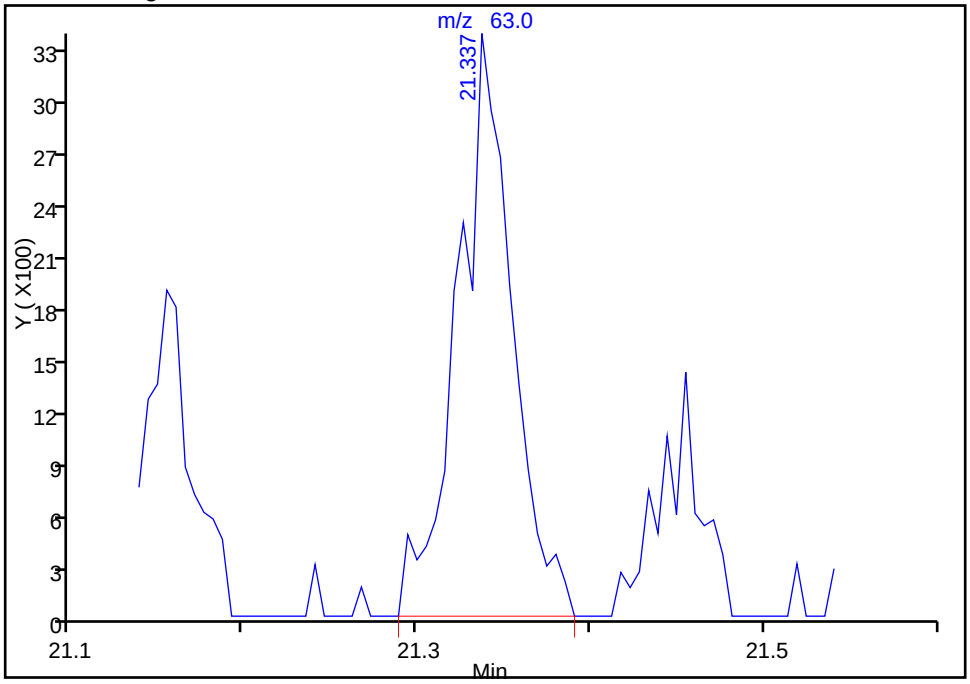
Processing Integration Results

RT: 21.34
Area: 5236
Amount: 0.105667
Amount Units: ppb v/v



Manual Integration Results

RT: 21.34
Area: 7413
Amount: 0.158951
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

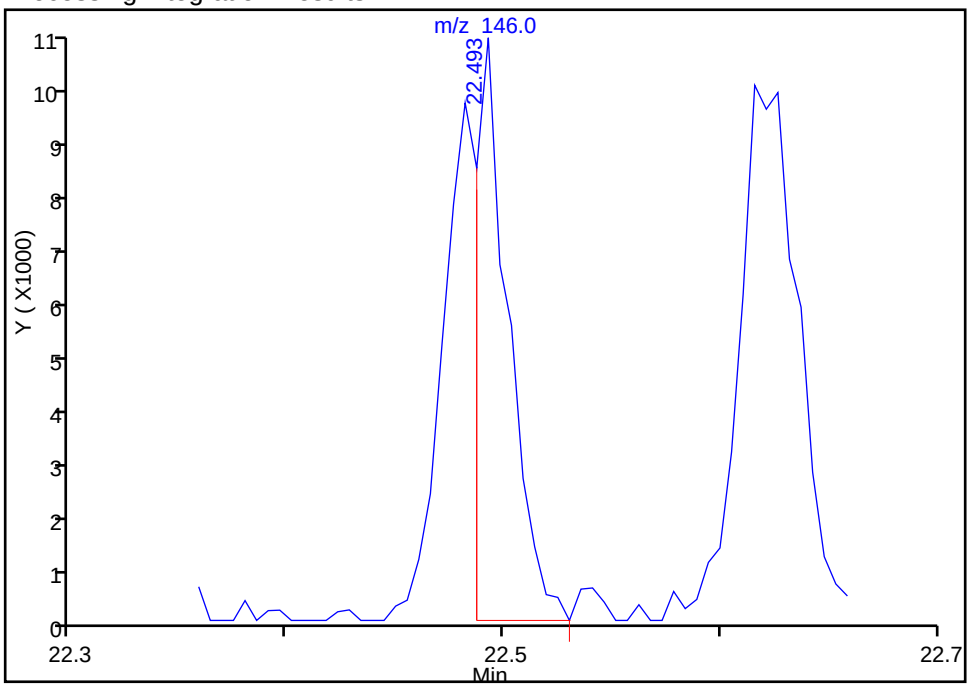
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 1,3-Dichlorobenzene, CAS: 541-73-1

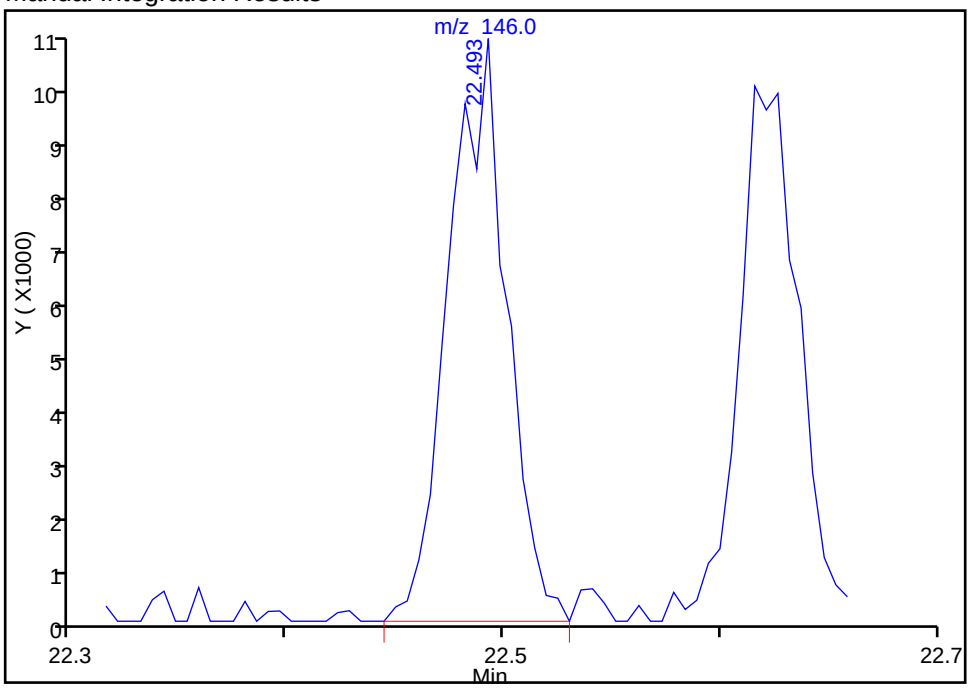
Processing Integration Results

RT: 22.49
Area: 10938
Amount: 0.102110
Amount Units: ppb v/v



Manual Integration Results

RT: 22.49
Area: 18969
Amount: 0.156819
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

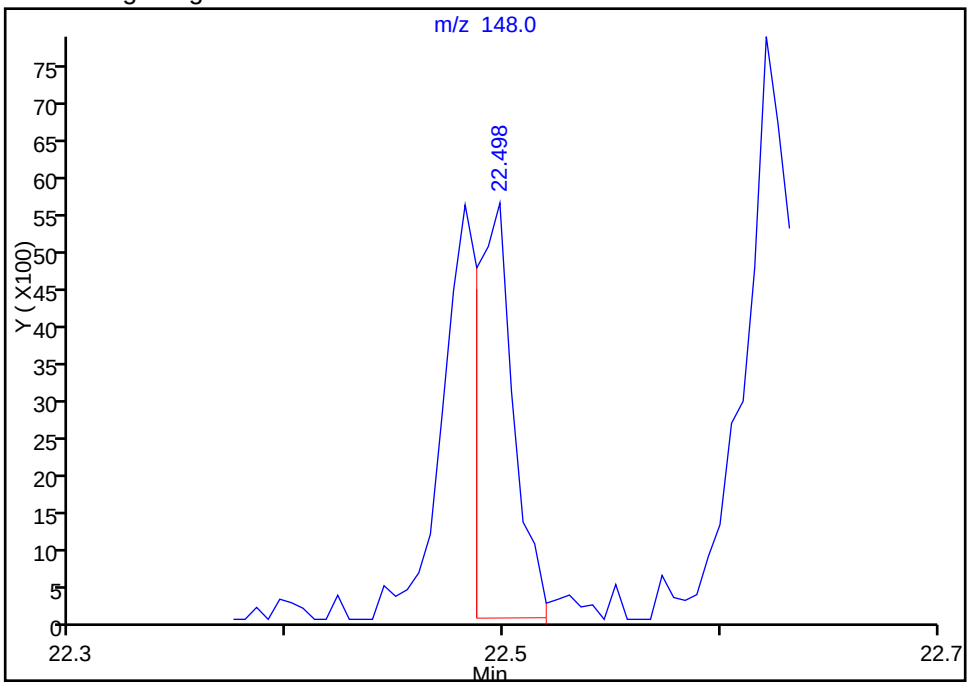
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_05.D				
Injection Date:	19-Jan-2015 18:32:30	Instrument ID:	CHG.i		
Lims ID:	IC				
Client ID:					
Operator ID:	bpl	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 1,3-Dichlorobenzene, CAS: 541-73-1

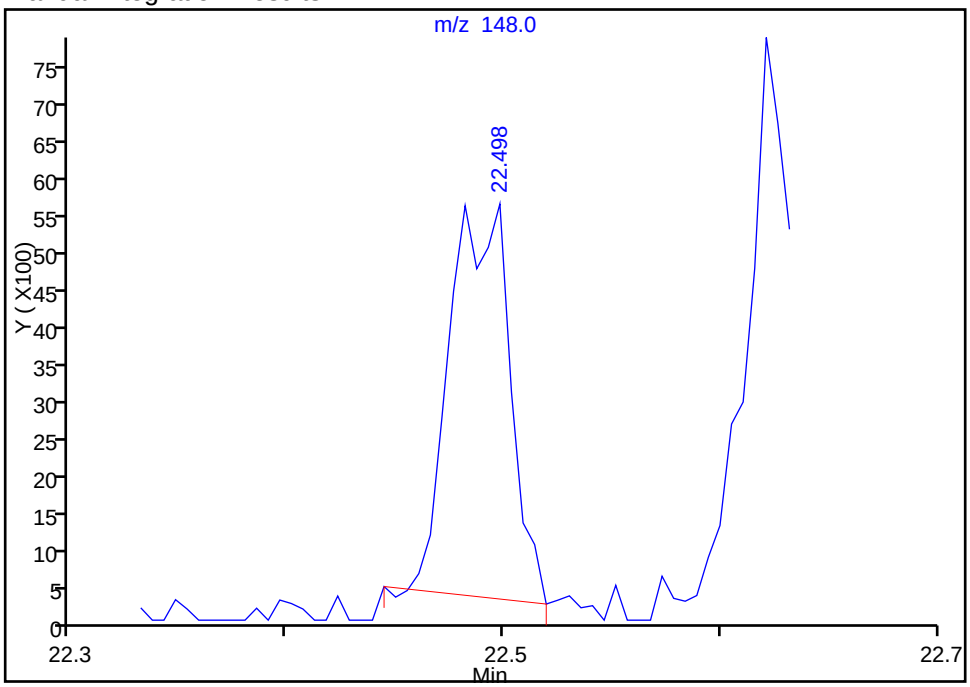
Processing Integration Results

RT: 22.50
Area: 6685
Amount: 0.102110
Amount Units: ppb v/v



Manual Integration Results

RT: 22.50
Area: 10146
Amount: 0.156819
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:09:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_06.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Jan-2015 19:23:30 ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011695-006
Misc. Info.: ic
Operator ID: bpl Instrument ID: CHG.i
Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Jan-2015 09:57:07 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: lyonsb Date: 20-Jan-2015 08:06:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.763	2.758	0.005	96	24453	0.5005	0.5920	
2 Dichlorodifluoromethane	85	2.832	2.827	0.005	98	78716	0.5005	0.5435	
6 Chlorodifluoromethane	51	2.881	2.881	0.000	98	46429	0.5005	0.5489	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.100	3.095	0.005	96	53969	0.5005	0.5110	
8 Chloromethane	50	3.228	3.223	0.005	99	25064	0.5005	0.5944	
9 Butane	43	3.426	3.432	-0.006	94	35243	0.5005	0.5662	
10 Vinyl chloride	62	3.469	3.469	0.000	99	22405	0.5005	0.5136	
11 Butadiene	54	3.560	3.549	0.011	91	15477	0.5005	0.5343	
12 Bromomethane	94	4.234	4.234	0.000	97	20677	0.5005	0.5138	
14 Chloroethane	64	4.486	4.480	0.006	93	9444	0.5005	0.5920	
15 2-Methylbutane	43	4.571	4.571	0.000	88	20576	0.5005	0.5060	
16 Vinyl bromide	106	4.892	4.881	0.011	96	18828	0.5005	0.5042	
17 Trichlorofluoromethane	101	4.994	4.994	0.000	95	65507	0.5005	0.5217	
18 Pentane	43	5.144	5.154	-0.010	98	32760	0.5005	0.5312	
19 Ethanol	45	5.630	5.620	0.010	96	71888	5.01	4.81	
21 Ethyl ether	59	5.727	5.705	0.022	90	10612	0.5005	0.5313	
22 Acrolein	56	6.090	6.085	0.005	50	5485	0.5005	0.6072	
23 1,1,2-Trichloro-1,2,2-trif	101	6.128	6.133	-0.005	92	39044	0.5005	0.5203	
24 1,1-Dichloroethene	96	6.160	6.155	0.005	90	16445	0.5005	0.5149	
25 Acetone	43	6.417	6.411	0.006	83	99143	0.5005	1.45	
26 Carbon disulfide	76	6.540	6.535	0.005	97	48961	0.5005	0.4974	
27 Isopropyl alcohol	45	6.791	6.749	0.042	97	24831	0.5005	0.5219	
29 3-Chloro-1-propene	41	6.984	6.979	0.005	84	28945	0.5005	0.5341	
30 Acetonitrile	41	7.107	7.102	0.005	90	16967	0.5005	0.6330	
31 Methylene Chloride	49	7.273	7.278	-0.005	94	32476	0.5005	0.6004	
32 2-Methyl-2-propanol	59	7.610	7.556	0.054	94	26027	0.5005	0.4294	
33 Methyl tert-butyl ether	73	7.749	7.728	0.021	95	45522	0.5005	0.4966	
34 trans-1,2-Dichloroethene	61	7.727	7.733	-0.006	84	30040	0.5005	0.5066	M
35 Acrylonitrile	53	7.883	7.888	-0.005	97	11061	0.5005	0.4942	
36 Hexane	57	8.161	8.150	0.011	87	22581	0.5005	0.4964	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.621	8.626	-0.005	98	37365	0.5005	0.4950	
38 Vinyl acetate	43	8.739	8.733	0.006	100	46448	0.5005	0.4372	
39 cis-1,2-Dichloroethene	96	9.755	9.755	0.000	90	19944	0.5005	0.5170	M
40 2-Butanone (MEK)	72	9.835	9.825	0.010	99	10743	0.5005	0.6916	
42 Ethyl acetate	88	9.905	9.899	0.006	98	885	0.5005	0.4848	
S 41 1,2-Dichloroethene, Total	61				0		1.00	1.02	
* 43 Chlorobromomethane	128	10.215	10.220	-0.005	95	353288	10.0	10.0	
44 Tetrahydrofuran	42	10.274	10.242	0.032	89	22037	0.5005	0.4988	
45 Chloroform	83	10.365	10.365	0.000	95	49488	0.5005	0.5095	
46 Cyclohexane	84	10.611	10.611	0.000	91	21748	0.5005	0.4929	
47 1,1,1-Trichloroethane	97	10.638	10.638	0.000	96	53032	0.5005	0.4967	
48 Carbon tetrachloride	117	10.889	10.895	-0.006	97	56587	0.5005	0.4680	
50 Benzene	78	11.349	11.360	-0.011	97	59702	0.5005	0.5069	
51 Isooctane	57	11.355	11.360	-0.005	94	94248	0.5005	0.4920	
52 1,2-Dichloroethane	62	11.542	11.542	0.000	97	43195	0.5005	0.5189	
53 n-Heptane	43	11.756	11.761	-0.005	93	40128	0.5005	0.4777	
* 54 1,4-Difluorobenzene	114	12.216	12.216	0.000	96	1863653	10.0	10.0	
55 n-Butanol	56	12.676	12.655	0.021	43	10450	0.5005	0.5645	
56 Trichloroethene	95	12.671	12.681	-0.010	90	30627	0.5005	0.4646	
A 57 GRO	1	12.962	(4.561-21.363)		0	10602330	0.5005	0	
58 1,2-Dichloropropane	63	13.211	13.227	-0.016	74	23343	0.5005	0.4656	
59 Methyl methacrylate	69	13.446	13.436	0.010	82	14840	0.5005	0.3905	
60 1,4-Dioxane	88	13.494	13.478	0.016	30	9247	0.5005	0.5334	
61 Dibromomethane	174	13.473	13.478	-0.005	90	23354	0.5005	0.4098	
62 Dichlorobromomethane	83	13.789	13.794	-0.005	97	54271	0.5005	0.4452	
A 63 TVOC as Toluene	1	14.650	(2.748-26.552)		0	14628368	0.5005	0	
64 cis-1,3-Dichloropropene	75	14.778	14.773	0.005	90	31735	0.5005	0.4091	
65 4-Methyl-2-pentanone (MIBK	43	15.115	15.099	0.016	98	47477	0.5005	0.3954	
66 Toluene	92	15.394	15.399	-0.005	96	38809	0.5005	0.4626	
A 67 Toluene Range	1	15.399	(15.359-15.439)		0	193265	NC	NC	
69 n-Octane	43	15.506	15.501	0.005	99	61706	0.5005	0.4813	
A 68 C8 Range	1	15.501	(15.451-15.551)		0	234964	NC	NC	
70 trans-1,3-Dichloropropene	75	16.014	16.014	0.000	91	35792	0.5005	0.4207	
71 1,1,2-Trichloroethane	83	16.399	16.399	0.000	86	22032	0.5005	0.4691	
72 Tetrachloroethene	166	16.506	16.517	-0.011	86	35796	0.5005	0.4343	
73 2-Hexanone	43	16.908	16.886	0.022	97	45590	0.5005	0.4115	
74 Chlorodibromomethane	129	17.170	17.175	-0.005	95	42869	0.5005	0.3957	
75 Ethylene Dibromide	107	17.448	17.448	0.000	99	35540	0.5005	0.4274	
* 76 Chlorobenzene-d5	117	18.373	18.373	0.000	93	1823977	10.0	10.0	
77 Chlorobenzene	112	18.432	18.438	-0.006	95	50213	0.5005	0.4402	
78 Ethylbenzene	91	18.598	18.603	-0.005	99	84298	0.5005	0.4475	
79 n-Nonane	57	18.764	18.764	0.000	90	42285	0.5005	0.4461	
80 m-Xylene & p-Xylene	106	18.860	18.860	0.000	0	65242	1.00	0.8938	
83 o-Xylene	106	19.711	19.711	0.000	90	32714	0.5005	0.4483	
84 Styrene	104	19.764	19.764	0.000	93	37280	0.5005	0.3716	
S 82 Xylenes, Total	106				0		1.50	1.34	
85 Bromoform	173	20.176	20.176	0.000	91	37415	0.5005	0.3509	
86 Isopropylbenzene	105	20.412	20.417	-0.005	98	93581	0.5005	0.4495	
* 87 4-Bromofluorobenzene	95	20.781	20.781	0.000	95	1431295	10.0	10.0	
88 1,1,2,2-Tetrachloroethane	83	21.064	21.064	0.000	94	51552	0.5005	0.4395	
90 N-Propylbenzene	91	21.144	21.150	-0.006	95	111885	0.5005	0.4306	
89 1,2,3-Trichloropropane	75	21.155	21.155	0.000	72	47252	0.5005	0.4615	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 2-Chlorotoluene	91	21.342	21.343	0.000	93	84735	0.5005	0.4465	
91 4-Ethyltoluene	105	21.342	21.343	0.000	84	83899	0.5005	0.4094	
93 n-Decane	57	21.342	21.353	-0.011	94	47521	0.5005	0.3992	
94 1,3,5-Trimethylbenzene	105	21.449	21.455	-0.006	91	75338	0.5005	0.4354	
95 Alpha Methyl Styrene	118	21.813	21.819	-0.006	84	28391	0.5005	0.3509	
96 tert-Butylbenzene	119	21.936	21.942	-0.006	88	72417	0.5005	0.4471	
97 1,2,4-Trimethylbenzene	105	22.033	22.038	-0.005	98	73110	0.5005	0.4225	
98 sec-Butylbenzene	105	22.268	22.268	0.000	97	104827	0.5005	0.4306	
99 4-Isopropyltoluene	119	22.471	22.477	-0.006	96	81470	0.5005	0.4006	
100 1,3-Dichlorobenzene	146	22.487	22.487	0.000	91	51233	0.5005	0.4156	
101 1,4-Dichlorobenzene	146	22.626	22.626	0.000	89	46291	0.5005	0.3908	
102 Benzyl chloride	91	22.814	22.819	-0.005	96	54932	0.5005	0.3608	
103 n-Butylbenzene	91	23.033	23.038	-0.005	98	74558	0.5005	0.3933	
104 Undecane	57	23.081	23.081	0.000	87	40881	0.5005	0.3504	
105 1,2-Dichlorobenzene	146	23.145	23.151	-0.006	91	47915	0.5005	0.4169	
106 Dodecane	57	24.643	24.638	0.005	86	31899	0.5005	0.3897	
107 1,2,4-Trichlorobenzene	180	25.606	25.606	0.000	93	28012	0.5005	0.3245	
108 Hexachlorobutadiene	225	25.799	25.804	-0.005	90	38438	0.5005	0.4400	
109 Naphthalene	128	26.077	26.077	0.000	98	42826	0.5005	0.2537	
110 1,2,3-Trichlorobenzene	180	26.537	26.542	-0.005	92	28085	0.5005	0.3850	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL2w_00161	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

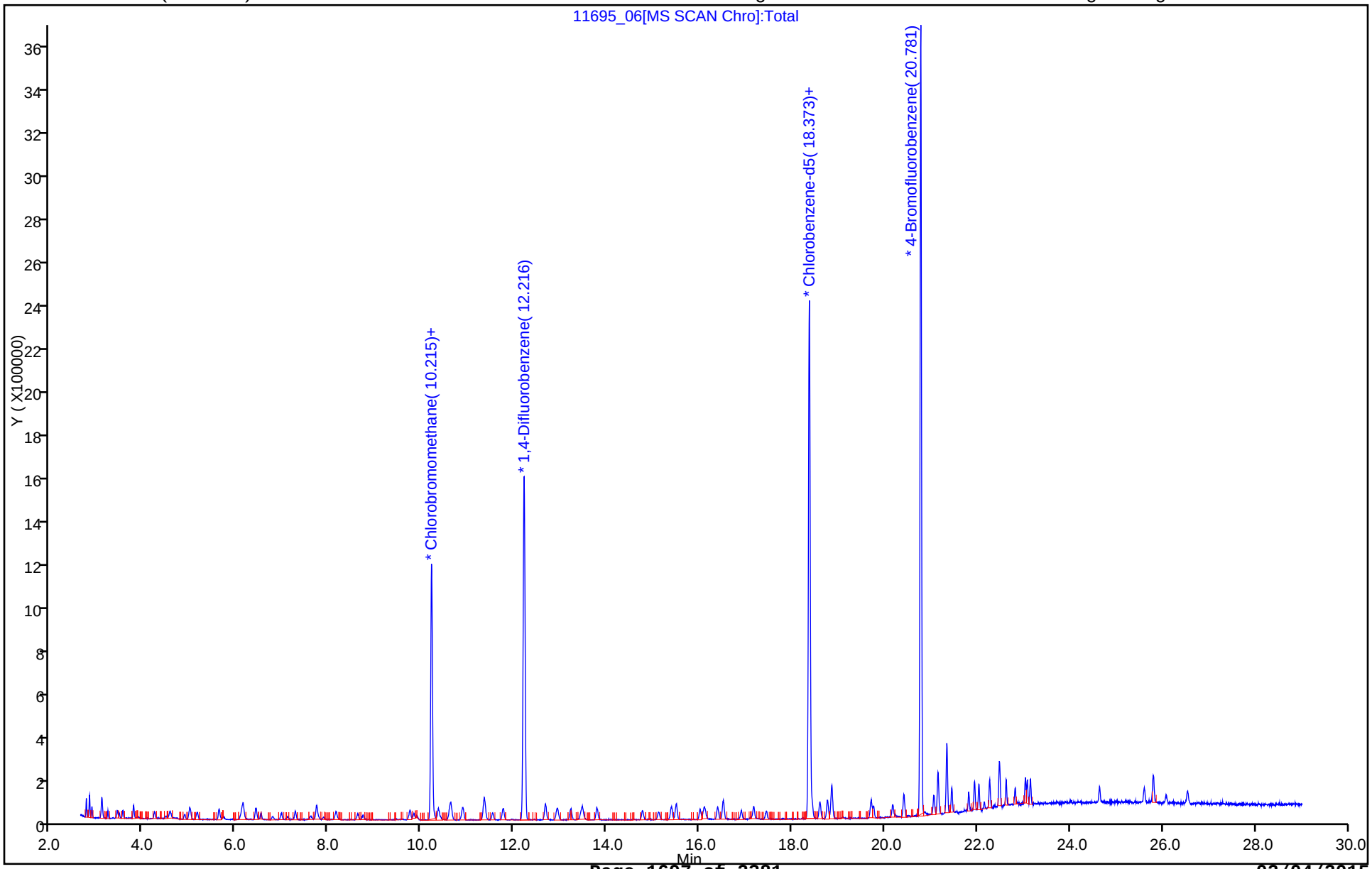
Report Date: 21-Jan-2015 09:57:08 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_06.D

Injection Date:	19-Jan-2015 19:23:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	IC			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

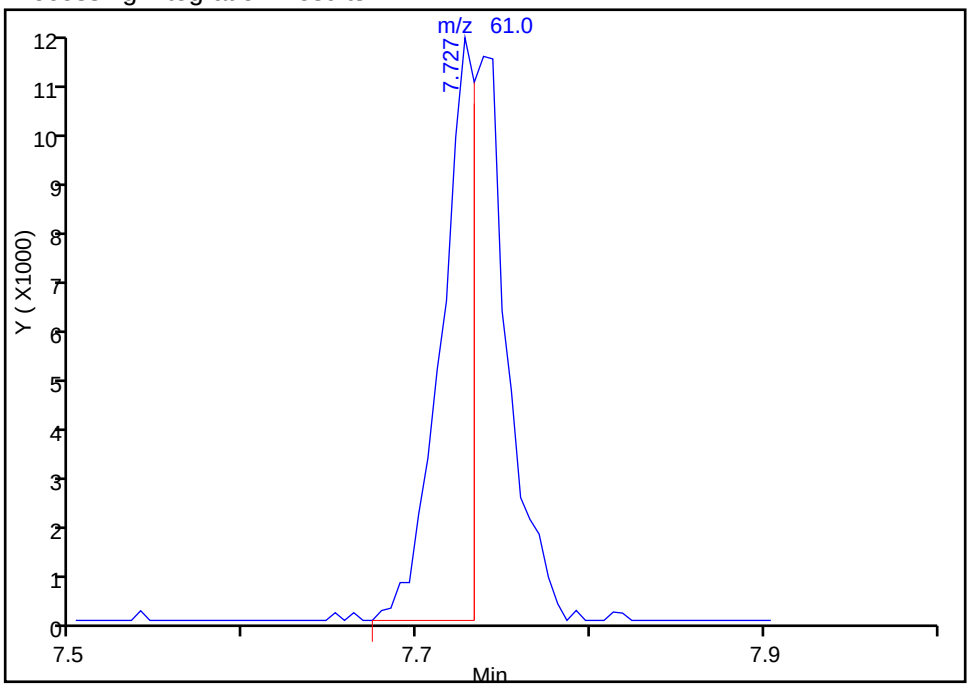
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_06.D
Injection Date: 19-Jan-2015 19:23:30 Instrument ID: CHG.i
Lims ID: IC
Client ID:
Operator ID: bpl ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

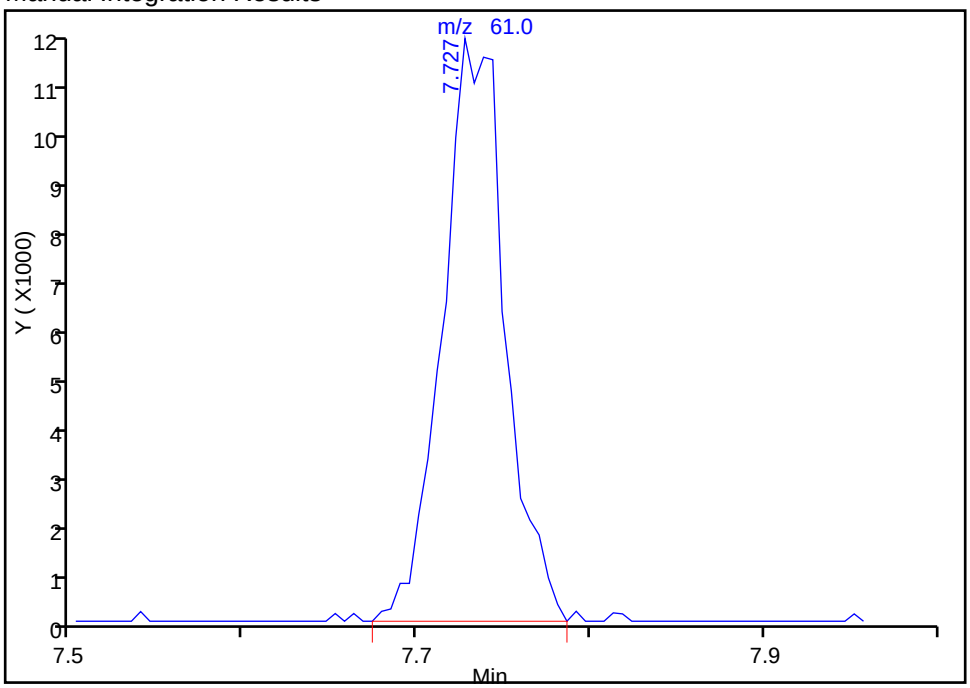
Processing Integration Results

RT: 7.73
Area: 16678
Amount: 0.340377
Amount Units: ppb v/v



Manual Integration Results

RT: 7.73
Area: 30040
Amount: 0.506564
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:06:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

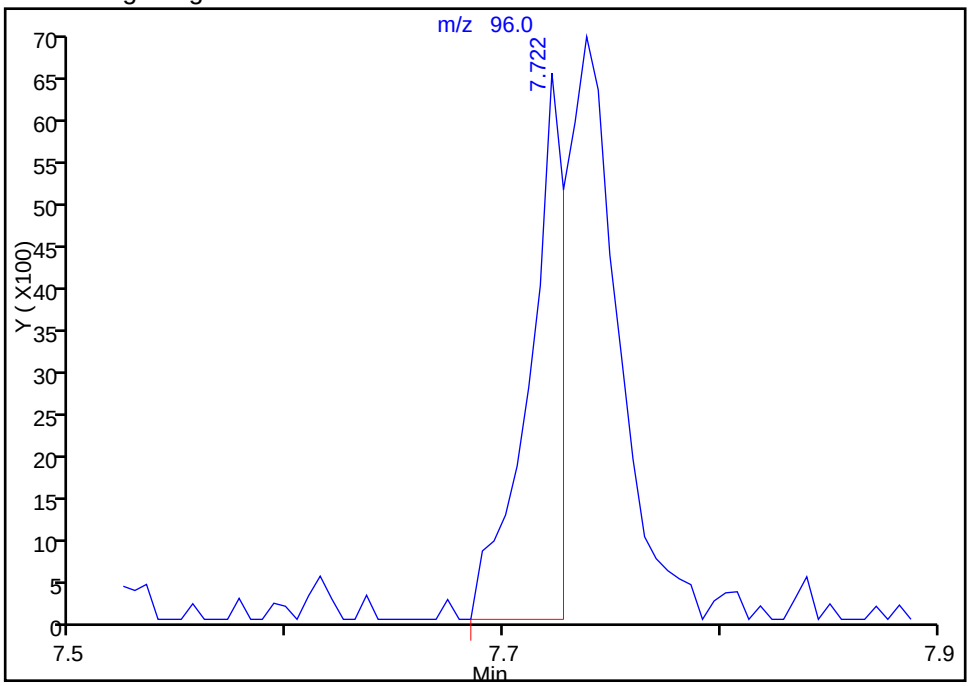
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_06.D
Injection Date: 19-Jan-2015 19:23:30 Instrument ID: CHG.i
Lims ID: IC
Client ID:
Operator ID: bpl ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

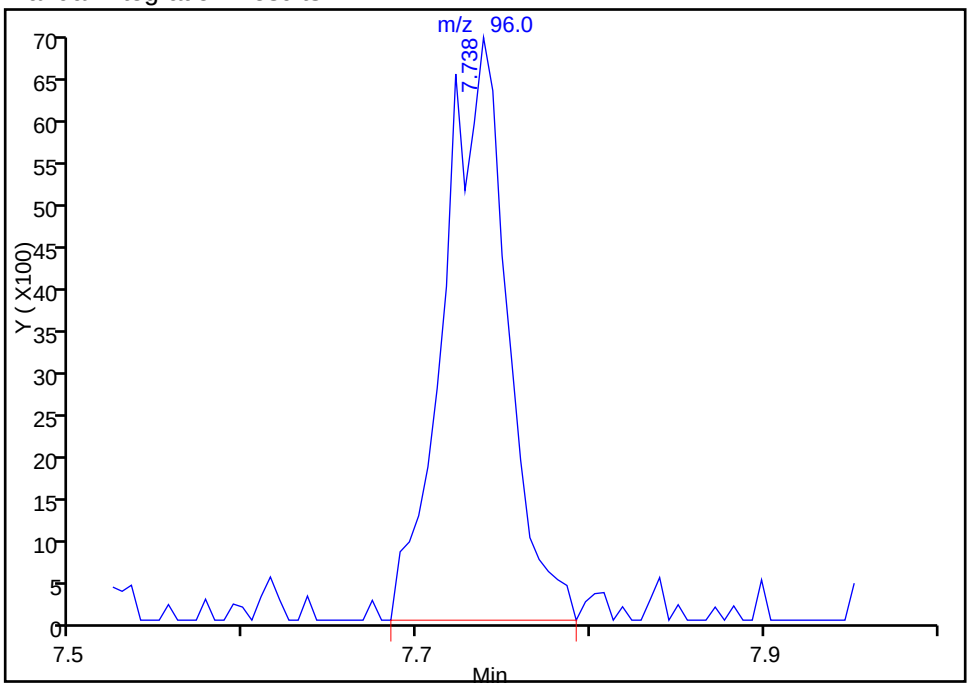
Processing Integration Results

RT: 7.72
Area: 7402
Amount: 0.340377
Amount Units: ppb v/v



Manual Integration Results

RT: 7.74
Area: 17538
Amount: 0.506564
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:06:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

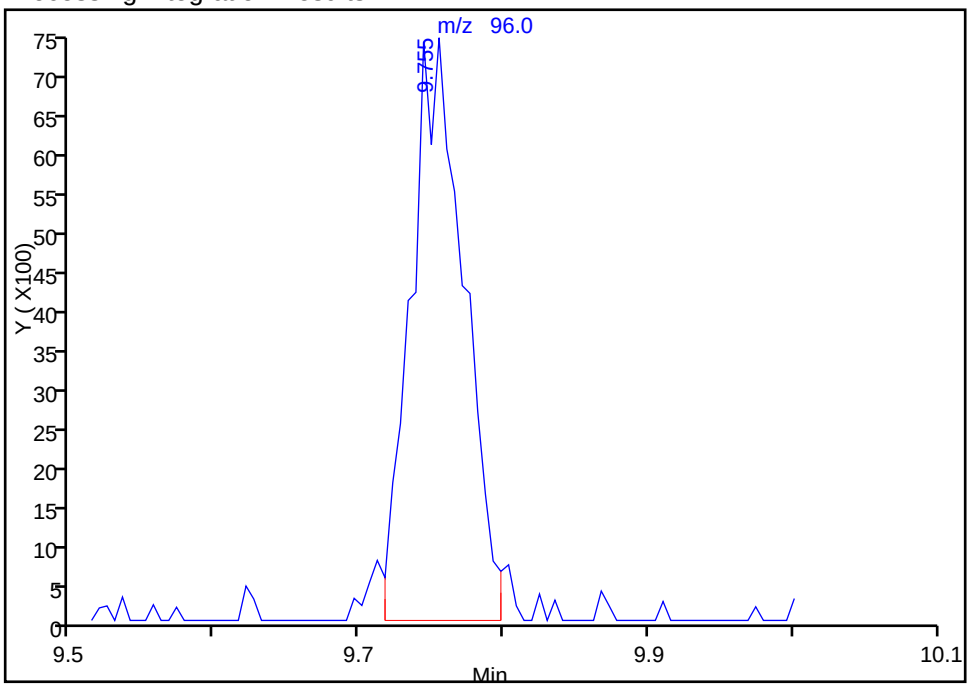
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_06.D
Injection Date: 19-Jan-2015 19:23:30 Instrument ID: CHG.i
Lims ID: IC
Client ID:
Operator ID: bpl ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2

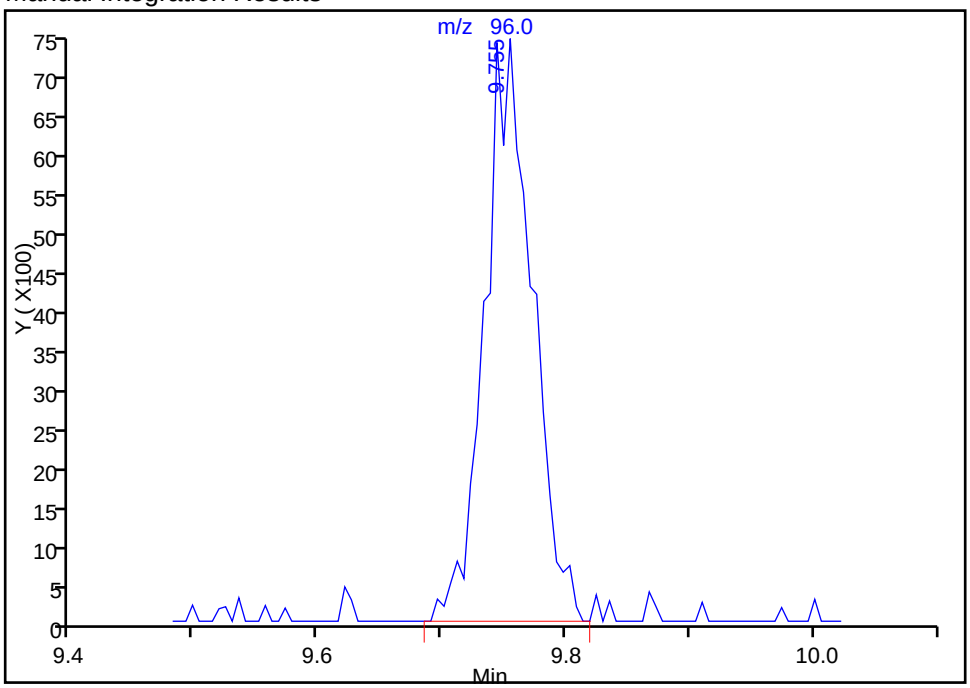
Processing Integration Results

RT: 9.75
Area: 19104
Amount: 0.566671
Amount Units: ppb v/v



Manual Integration Results

RT: 9.75
Area: 19944
Amount: 0.517026
Amount Units: ppb v/v



Reviewer: lyonsb, 20-Jan-2015 08:06:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_07.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-Jan-2015 20:14:30 ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011695-007
Misc. Info.: ic
Operator ID: bpl Instrument ID: CHG.i
Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Jan-2015 12:19:58 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 20-Jan-2015 08:05:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.758	2.758	0.000	97	232776	4.99	5.33	
2 Dichlorodifluoromethane	85	2.827	2.827	0.000	99	808333	4.99	5.28	
6 Chlorodifluoromethane	51	2.881	2.881	0.000	97	464419	4.99	5.20	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.095	3.095	0.000	98	583364	4.99	5.23	
8 Chloromethane	50	3.223	3.223	0.000	99	226155	4.99	5.08	
9 Butane	43	3.426	3.432	-0.006	96	341335	4.99	5.19	
10 Vinyl chloride	62	3.469	3.469	0.000	98	221404	4.99	4.80	
11 Butadiene	54	3.549	3.549	0.000	91	155507	4.99	5.08	
12 Bromomethane	94	4.229	4.234	-0.005	98	207437	4.99	4.88	
14 Chloroethane	64	4.486	4.480	0.006	94	82755	4.99	4.91	
15 2-Methylbutane	43	4.571	4.571	0.000	91	219361	4.99	5.11	
16 Vinyl bromide	106	4.882	4.881	0.001	96	197317	4.99	5.00	
17 Trichlorofluoromethane	101	4.999	4.994	0.005	98	666116	4.99	5.02	
18 Pentane	43	5.154	5.154	0.000	92	332158	4.99	5.10	
19 Ethanol	45	5.620	5.620	0.000	96	169908	10.0	10.7	
21 Ethyl ether	59	5.705	5.705	0.000	87	108398	4.99	5.14	
22 Acrolein	56	6.080	6.085	-0.005	86	45719	4.99	4.79	
23 1,1,2-Trichloro-1,2,2-trif	101	6.133	6.133	0.000	93	384972	4.99	4.85	
24 1,1-Dichloroethene	96	6.149	6.155	-0.006	91	171368	4.99	5.08	
25 Acetone	43	6.406	6.411	-0.005	82	475867	4.99	6.61	
26 Carbon disulfide	76	6.535	6.535	0.000	98	538194	4.99	5.17	
27 Isopropyl alcohol	45	6.749	6.749	0.000	97	260574	4.99	5.18	
29 3-Chloro-1-propene	41	6.973	6.979	-0.006	82	283619	4.99	4.95	
30 Acetonitrile	41	7.102	7.102	0.000	97	151421	4.99	5.35	
31 Methylene Chloride	49	7.273	7.278	-0.005	93	289723	4.99	5.07	
32 2-Methyl-2-propanol	59	7.562	7.556	0.006	97	316670	4.99	4.94	
33 Methyl tert-butyl ether	73	7.722	7.728	-0.006	94	500632	4.99	5.17	
34 trans-1,2-Dichloroethene	61	7.728	7.733	-0.005	96	318713	4.99	5.09	
35 Acrylonitrile	53	7.883	7.888	-0.005	92	115393	4.99	4.87	
36 Hexane	57	8.145	8.150	-0.005	87	247453	4.99	5.15	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.621	8.626	-0.005	99	393706	4.99	4.94	
38 Vinyl acetate	43	8.728	8.733	-0.005	100	567279	4.99	5.05	
39 cis-1,2-Dichloroethene	96	9.755	9.755	0.000	89	200396	4.99	4.92	
40 2-Butanone (MEK)	72	9.819	9.825	-0.006	97	76130	4.99	4.64	
42 Ethyl acetate	88	9.884	9.899	-0.015	98	9305	4.99	4.82	
S 41 1,2-Dichloroethene, Total	61				0		9.99	10.0	
* 43 Chlorobromomethane	128	10.221	10.220	0.001	95	373313	10.0	10.0	
44 Tetrahydrofuran	42	10.242	10.242	0.000	81	235010	4.99	5.16	
45 Chloroform	83	10.365	10.365	0.000	96	513596	4.99	5.00	
46 Cyclohexane	84	10.616	10.611	0.005	96	230616	4.99	5.07	
47 1,1,1-Trichloroethane	97	10.638	10.638	0.000	97	560118	4.99	5.09	
48 Carbon tetrachloride	117	10.895	10.895	0.000	95	627422	4.99	5.03	
51 Isooctane	57	11.360	11.360	0.000	95	1011990	4.99	5.12	
50 Benzene	78	11.360	11.360	0.000	89	613768	4.99	5.05	
52 1,2-Dichloroethane	62	11.537	11.542	-0.005	98	439813	4.99	5.12	
53 n-Heptane	43	11.761	11.761	0.000	95	455376	4.99	5.26	
* 54 1,4-Difluorobenzene	114	12.216	12.216	0.000	96	1922004	10.0	10.0	
55 n-Butanol	56	12.660	12.655	0.005	95	89587	4.99	4.69	
56 Trichloroethene	95	12.681	12.681	0.000	91	319215	4.99	4.70	
A 57 GRO	1	12.962	(4.561-21.363)		0	103708585	4.99	0	
58 1,2-Dichloropropane	63	13.227	13.227	0.000	78	267201	4.99	5.17	
59 Methyl methacrylate	69	13.430	13.436	-0.006	88	187184	4.99	4.78	
61 Dibromomethane	174	13.479	13.478	0.001	92	289318	4.99	4.92	
60 1,4-Dioxane	88	13.479	13.478	0.001	50	89601	4.99	5.01	
62 Dichlorobromomethane	83	13.789	13.794	-0.005	97	645127	4.99	5.13	
A 63 TVOC as Toluene	1	14.650	(2.748-26.552)		0	160746683	4.99	0	
64 cis-1,3-Dichloropropene	75	14.779	14.773	0.005	94	393377	4.99	4.92	
65 4-Methyl-2-pentanone (MIBK	43	15.099	15.099	0.000	97	601892	4.99	4.86	
A 67 Toluene Range	1	15.399	(15.359-15.439)		0	2018518	NC	NC	
66 Toluene	92	15.399	15.399	0.000	92	446704	4.99	5.02	
A 68 C8 Range	1	15.501	(15.451-15.551)		0	2470987	NC	NC	
69 n-Octane	43	15.501	15.501	0.000	96	698444	4.99	5.28	
70 trans-1,3-Dichloropropene	75	16.014	16.014	0.000	92	444909	4.99	5.07	
71 1,1,2-Trichloroethane	83	16.394	16.399	-0.005	89	255775	4.99	5.13	
72 Tetrachloroethene	166	16.517	16.517	0.000	90	420801	4.99	4.81	
73 2-Hexanone	43	16.892	16.886	0.006	96	595208	4.99	5.06	
74 Chlorodibromomethane	129	17.175	17.175	0.000	96	592571	4.99	5.15	
75 Ethylene Dibromide	107	17.443	17.448	-0.005	98	445468	4.99	5.05	
* 76 Chlorobenzene-d5	117	18.374	18.373	0.001	92	1935727	10.0	10.0	
77 Chlorobenzene	112	18.438	18.438	0.000	89	606642	4.99	5.01	
78 Ethylbenzene	91	18.604	18.603	0.001	100	1025387	4.99	5.13	
79 n-Nonane	57	18.769	18.764	0.005	92	537093	4.99	5.34	
80 m-Xylene & p-Xylene	106	18.860	18.860	0.000	0	778656	9.99	10.1	
83 o-Xylene	106	19.711	19.711	0.000	91	393015	4.99	5.08	
84 Styrene	104	19.759	19.764	-0.005	92	541654	4.99	5.09	
S 82 Xylenes, Total	106				0		15.0	15.1	
85 Bromoform	173	20.176	20.176	0.000	92	583162	4.99	5.15	
86 Isopropylbenzene	105	20.417	20.417	0.000	98	1142845	4.99	5.17	
* 87 4-Bromofluorobenzene	95	20.781	20.781	0.000	89	1533681	10.0	10.0	
88 1,1,2,2-Tetrachloroethane	83	21.064	21.064	0.000	95	651006	4.99	5.23	
90 N-Propylbenzene	91	21.150	21.150	0.000	97	1425536	4.99	5.17	
89 1,2,3-Trichloropropane	75	21.161	21.155	0.006	95	553482	4.99	5.09	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
91 4-Ethyltoluene	105	21.343	21.343	0.001	96	1119859	4.99	5.15	
92 2-Chlorotoluene	91	21.343	21.343	0.001	95	1038876	4.99	5.16	
93 n-Decane	57	21.348	21.353	-0.005	94	659173	4.99	5.22	
94 1,3,5-Trimethylbenzene	105	21.450	21.455	-0.005	91	965115	4.99	5.26	
95 Alpha Methyl Styrene	118	21.813	21.819	-0.006	87	440396	4.99	5.13	
96 tert-Butylbenzene	119	21.942	21.942	0.000	88	889705	4.99	5.18	
97 1,2,4-Trimethylbenzene	105	22.038	22.038	0.000	99	951858	4.99	5.18	
98 sec-Butylbenzene	105	22.268	22.268	0.000	97	1345797	4.99	5.21	
99 4-Isopropyltoluene	119	22.471	22.477	-0.006	96	1128127	4.99	5.23	
100 1,3-Dichlorobenzene	146	22.487	22.487	0.000	96	662869	4.99	5.07	
101 1,4-Dichlorobenzene	146	22.627	22.626	0.000	91	651391	4.99	5.18	
102 Benzyl chloride	91	22.819	22.819	0.000	96	803525	4.99	4.97	
103 n-Butylbenzene	91	23.038	23.038	0.000	97	1068242	4.99	5.31	
104 Undecane	57	23.076	23.081	-0.005	91	581166	4.99	4.69	
105 1,2-Dichlorobenzene	146	23.145	23.151	-0.006	92	626868	4.99	5.14	
106 Dodecane	57	24.638	24.638	0.000	89	482762	4.99	5.56	
107 1,2,4-Trichlorobenzene	180	25.612	25.606	0.006	93	454459	4.99	4.96	
108 Hexachlorobutadiene	225	25.799	25.804	-0.005	92	535068	4.99	5.77	
109 Naphthalene	128	26.077	26.077	0.000	99	1004968	4.99	5.61	
110 1,2,3-Trichlorobenzene	180	26.537	26.542	-0.005	93	403575	4.99	5.21	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL3w_00140	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

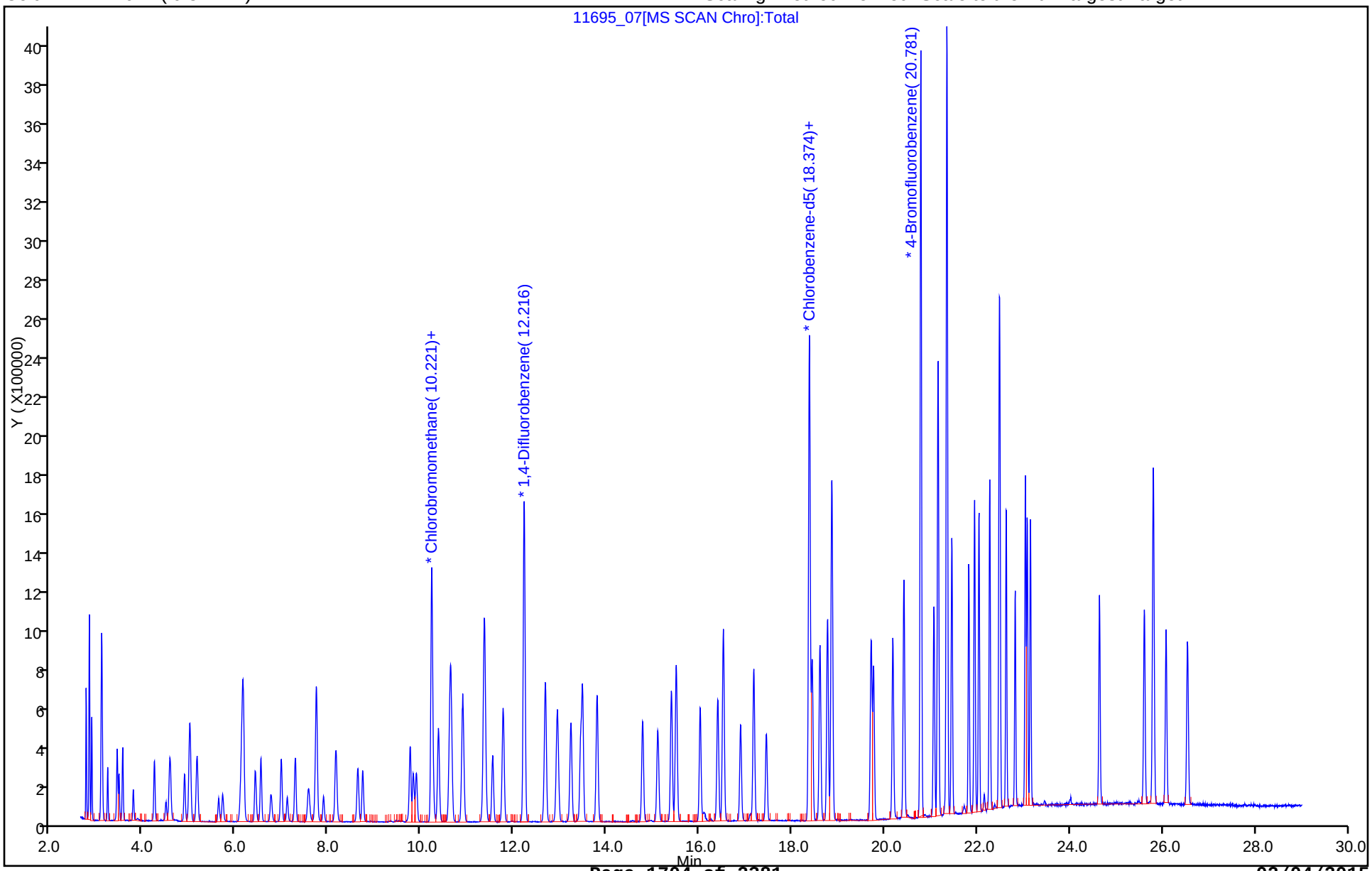
Report Date: 20-Jan-2015 12:19:58 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_07.D

Injection Date:	19-Jan-2015 20:14:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	IC			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_08.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 19-Jan-2015 21:05:30 ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011695-008
Misc. Info.: icis
Operator ID: bpl Instrument ID: CHG.i
Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Jan-2015 12:22:13 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 20-Jan-2015 12:22:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.758	2.758	0.000	96	462986	10.0	10.0	
2 Dichlorodifluoromethane	85	2.827	2.827	0.000	99	1637656	10.0	10.1	
6 Chlorodifluoromethane	51	2.881	2.881	0.000	97	962518	10.0	10.2	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.095	3.095	0.000	97	1214773	10.0	10.3	
8 Chloromethane	50	3.223	3.223	0.000	99	463214	10.0	9.81	
9 Butane	43	3.432	3.432	0.000	95	682477	10.0	9.79	
10 Vinyl chloride	62	3.469	3.469	0.000	98	459000	10.0	9.39	
11 Butadiene	54	3.549	3.549	0.000	92	330763	10.0	10.2	
12 Bromomethane	94	4.234	4.234	0.000	97	452312	10.0	10.0	
14 Chloroethane	64	4.480	4.480	0.000	95	175280	10.0	9.81	
15 2-Methylbutane	43	4.571	4.571	0.000	90	456119	10.0	10.0	
16 Vinyl bromide	106	4.881	4.881	0.000	97	435753	10.0	10.4	
17 Trichlorofluoromethane	101	4.994	4.994	0.000	98	1438862	10.0	10.2	
18 Pentane	43	5.154	5.154	0.000	93	696428	10.0	10.1	
19 Ethanol	45	5.620	5.620	0.000	95	245789	15.0	14.7	
21 Ethyl ether	59	5.705	5.705	0.000	94	232494	10.0	10.4	
22 Acrolein	56	6.085	6.085	0.000	96	102881	10.0	10.2	
23 1,1,2-Trichloro-1,2,2-trif	101	6.133	6.133	0.000	94	848241	10.0	10.1	
24 1,1-Dichloroethene	96	6.155	6.155	0.000	92	359770	10.0	10.1	
25 Acetone	43	6.411	6.411	0.000	82	713176	10.0	9.34	
26 Carbon disulfide	76	6.535	6.535	0.000	98	1118788	10.0	10.1	
27 Isopropyl alcohol	45	6.749	6.749	0.000	98	498540	10.0	9.36	
29 3-Chloro-1-propene	41	6.979	6.979	0.000	82	617216	10.0	10.2	
30 Acetonitrile	41	7.102	7.102	0.000	97	307948	10.0	10.3	
31 Methylene Chloride	49	7.278	7.278	0.000	93	601750	10.0	9.93	
32 2-Methyl-2-propanol	59	7.556	7.556	0.000	99	615404	10.0	9.07	
33 Methyl tert-butyl ether	73	7.728	7.728	0.000	95	1056651	10.0	10.3	
34 trans-1,2-Dichloroethene	61	7.733	7.733	0.000	96	682779	10.0	10.3	
35 Acrylonitrile	53	7.888	7.888	0.000	93	261458	10.0	10.4	
36 Hexane	57	8.150	8.150	0.000	87	535065	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.626	8.626	0.000	99	845777	10.0	10.0	
38 Vinyl acetate	43	8.733	8.733	0.000	100	1224568	10.0	10.3	
39 cis-1,2-Dichloroethene	96	9.755	9.755	0.000	90	438013	10.0	10.1	
40 2-Butanone (MEK)	72	9.825	9.825	0.000	97	163457	10.0	9.40	
42 Ethyl acetate	88	9.899	9.899	0.000	98	21609	10.0	10.6	
S 41 1,2-Dichloroethene, Total	61				0		20.0	20.4	
* 43 Chlorobromomethane	128	10.220	10.220	0.000	96	395697	10.0	10.0	
44 Tetrahydrofuran	42	10.242	10.242	0.000	91	507246	10.0	9.93	
45 Chloroform	83	10.365	10.365	0.000	96	1118440	10.0	10.3	
46 Cyclohexane	84	10.611	10.611	0.000	94	505434	10.0	9.91	
47 1,1,1-Trichloroethane	97	10.638	10.638	0.000	97	1215407	10.0	9.85	
48 Carbon tetrachloride	117	10.895	10.895	0.000	96	1396216	10.0	9.99	
51 Isooctane	57	11.360	11.360	0.000	95	2196907	10.0	9.92	
50 Benzene	78	11.360	11.360	0.000	97	1328405	10.0	9.76	
52 1,2-Dichloroethane	62	11.542	11.542	0.000	97	948321	10.0	9.85	
53 n-Heptane	43	11.761	11.761	0.000	95	956439	10.0	9.85	
* 54 1,4-Difluorobenzene	114	12.216	12.216	0.000	96	2154543	10.0	10.0	
55 n-Butanol	56	12.655	12.655	0.000	96	172050	10.0	8.04	
56 Trichloroethene	95	12.681	12.681	0.000	93	708944	10.0	9.30	
A 57 GRO	1	12.962	(4.561-21.363)		0	226098876	10.0	0	
58 1,2-Dichloropropane	63	13.227	13.227	0.000	77	571305	10.0	9.86	
59 Methyl methacrylate	69	13.436	13.436	0.000	88	438501	10.0	9.98	
61 Dibromomethane	174	13.478	13.478	0.000	92	665280	10.0	10.1	
60 1,4-Dioxane	88	13.478	13.478	0.000	42	175470	10.0	8.75	
62 Dichlorobromomethane	83	13.794	13.794	0.000	97	1451132	10.0	10.3	
A 63 TVOC as Toluene	1	14.650	(2.748-26.552)		0	352469916	10.0	0	
64 cis-1,3-Dichloropropene	75	14.773	14.773	0.000	95	916457	10.0	10.2	
65 4-Methyl-2-pentanone (MIBK	43	15.099	15.099	0.000	98	1336037	10.0	9.62	
A 67 Toluene Range	1	15.399	(15.359-15.439)		0	4519159	NC	NC	
66 Toluene	92	15.399	15.399	0.000	92	1020686	10.0	10.0	
A 68 C8 Range	1	15.501	(15.451-15.551)		0	5339760	NC	NC	
69 n-Octane	43	15.501	15.501	0.000	95	1489427	10.0	10.0	
70 trans-1,3-Dichloropropene	75	16.014	16.014	0.000	93	1004405	10.0	10.2	
71 1,1,2-Trichloroethane	83	16.399	16.399	0.000	90	575170	10.0	10.1	
72 Tetrachloroethene	166	16.517	16.517	0.000	91	982594	10.0	9.81	
73 2-Hexanone	43	16.886	16.886	0.000	97	1302972	10.0	9.68	
74 Chlorodibromomethane	129	17.175	17.175	0.000	97	1388681	10.0	10.6	
75 Ethylene Dibromide	107	17.448	17.448	0.000	98	1042003	10.0	10.3	
* 76 Chlorobenzene-d5	117	18.373	18.373	0.000	90	2215948	10.0	10.0	
77 Chlorobenzene	112	18.438	18.438	0.000	91	1406321	10.0	10.1	
78 Ethylbenzene	91	18.603	18.603	0.000	99	2356731	10.0	10.3	
79 n-Nonane	57	18.764	18.764	0.000	93	1193523	10.0	10.4	
80 m-Xylene & p-Xylene	106	18.860	18.860	0.000	0	1813194	20.0	20.4	
83 o-Xylene	106	19.711	19.711	0.000	92	917976	10.0	10.4	
84 Styrene	104	19.764	19.764	0.000	93	1297969	10.0	10.6	
S 82 Xylenes, Total	106				0		30.0	30.8	
85 Bromoform	173	20.176	20.176	0.000	93	1405674	10.0	10.9	
86 Isopropylbenzene	105	20.417	20.417	0.000	98	2636378	10.0	10.4	
* 87 4-Bromofluorobenzene	95	20.781	20.781	0.000	89	1699940	10.0	10.0	
88 1,1,2,2-Tetrachloroethane	83	21.064	21.064	0.000	95	1477800	10.0	10.4	
90 N-Propylbenzene	91	21.150	21.150	0.000	98	3274104	10.0	10.4	
89 1,2,3-Trichloropropane	75	21.155	21.155	0.000	96	1251517	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
91 4-Ethyltoluene	105	21.343	21.343	0.000	91	2641398	10.0	10.6	
92 2-Chlorotoluene	91	21.343	21.343	0.000	95	2412343	10.0	10.5	
93 n-Decane	57	21.353	21.353	0.000	91	1485109	10.0	10.3	
94 1,3,5-Trimethylbenzene	105	21.455	21.455	0.000	91	2196631	10.0	10.4	
95 Alpha Methyl Styrene	118	21.819	21.819	0.000	87	1062210	10.0	10.8	
96 tert-Butylbenzene	119	21.942	21.942	0.000	89	2039815	10.0	10.4	
97 1,2,4-Trimethylbenzene	105	22.038	22.038	0.000	99	2196118	10.0	10.4	
98 sec-Butylbenzene	105	22.268	22.268	0.000	98	3123140	10.0	10.6	
99 4-Isopropyltoluene	119	22.477	22.477	0.000	96	2666921	10.0	10.8	
100 1,3-Dichlorobenzene	146	22.487	22.487	0.000	93	1541069	10.0	10.3	
101 1,4-Dichlorobenzene	146	22.626	22.626	0.000	92	1497609	10.0	10.4	
102 Benzyl chloride	91	22.819	22.819	0.000	96	1966071	10.0	10.6	
103 n-Butylbenzene	91	23.038	23.038	0.000	98	2495572	10.0	10.8	
104 Undecane	57	23.081	23.081	0.000	93	1344611	10.0	9.49	
105 1,2-Dichlorobenzene	146	23.151	23.151	0.000	94	1469849	10.0	10.5	
106 Dodecane	57	24.638	24.638	0.000	90	947776	10.0	9.53	
107 1,2,4-Trichlorobenzene	180	25.606	25.606	0.000	94	1099597	10.0	10.5	
108 Hexachlorobutadiene	225	25.804	25.804	0.000	94	1257564	10.0	11.8	
109 Naphthalene	128	26.077	26.077	0.000	99	2028510	10.0	9.89	
110 1,2,3-Trichlorobenzene	180	26.542	26.542	0.000	93	993849	10.0	11.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL4w_00420	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

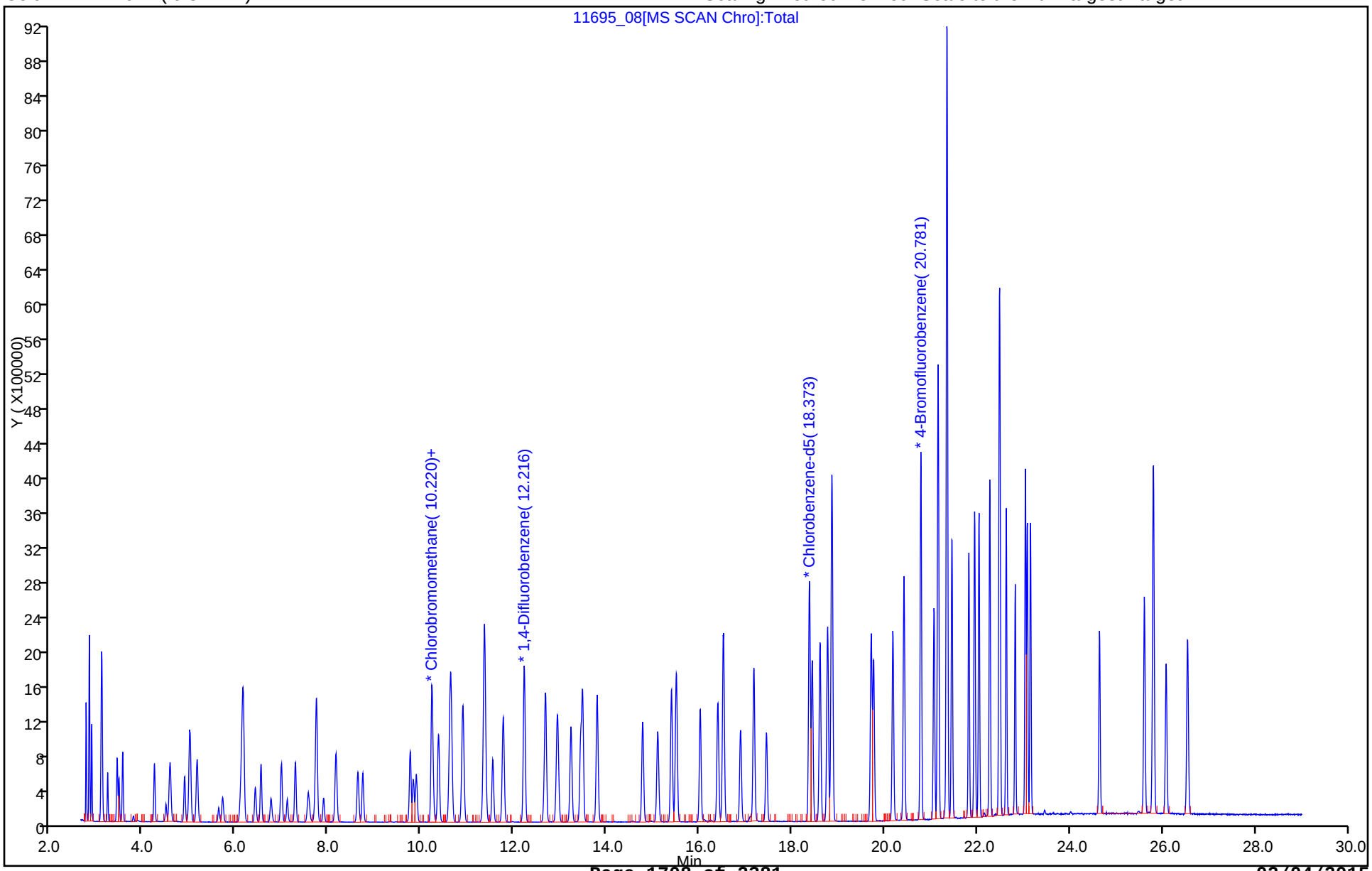
Report Date: 20-Jan-2015 12:22:13 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_08.D

Injection Date:	19-Jan-2015 21:05:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	ICIS			Worklist Smp#:	8
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_09.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 19-Jan-2015 21:57:30 ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011695-009
Misc. Info.: ic
Operator ID: bpl Instrument ID: CHG.i
Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Jan-2015 12:20:04 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.763	2.758	0.005	96	640776	15.0	13.4	
2 Dichlorodifluoromethane	85	2.832	2.827	0.005	99	2359961	15.0	14.1	
6 Chlorodifluoromethane	51	2.886	2.881	0.005	97	1331912	15.0	13.6	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.100	3.095	0.005	96	1749919	15.0	14.3	
8 Chloromethane	50	3.228	3.223	0.005	99	664071	15.0	13.6	
9 Butane	43	3.437	3.432	0.005	95	1003053	15.0	13.9	
10 Vinyl chloride	62	3.474	3.469	0.005	98	670737	15.0	13.3	
11 Butadiene	54	3.555	3.549	0.006	92	476757	15.0	14.2	
12 Bromomethane	94	4.239	4.234	0.005	97	660834	15.0	14.2	
14 Chloroethane	64	4.486	4.480	0.006	95	254672	15.0	13.8	
15 2-Methylbutane	43	4.571	4.571	0.000	90	653193	15.0	13.9	
16 Vinyl bromide	106	4.887	4.881	0.006	97	639413	15.0	14.8	
17 Trichlorofluoromethane	101	4.999	4.994	0.005	98	2089189	15.0	14.3	
18 Pentane	43	5.160	5.154	0.006	93	1013894	15.0	14.2	
19 Ethanol	45	5.625	5.620	0.005	96	335800	20.0	19.4	
21 Ethyl ether	59	5.705	5.705	0.000	88	341919	15.0	14.8	
22 Acrolein	56	6.090	6.085	0.005	97	162462	15.0	15.5	
23 1,1,2-Trichloro-1,2,2-trif	101	6.139	6.133	0.006	94	1237730	15.0	14.2	
24 1,1-Dichloroethene	96	6.155	6.155	0.000	92	523079	15.0	14.1	
25 Acetone	43	6.417	6.411	0.006	82	1133565	15.0	14.3	
26 Carbon disulfide	76	6.540	6.535	0.005	99	1661541	15.0	14.6	
27 Isopropyl alcohol	45	6.754	6.749	0.005	98	787022	15.0	14.3	
29 3-Chloro-1-propene	41	6.978	6.979	-0.001	82	889450	15.0	14.2	
30 Acetonitrile	41	7.107	7.102	0.005	97	452888	15.0	14.6	
31 Methylene Chloride	49	7.278	7.278	0.000	94	860560	15.0	13.7	
32 2-Methyl-2-propanol	59	7.556	7.556	0.000	98	1024677	15.0	14.6	
33 Methyl tert-butyl ether	73	7.722	7.728	-0.006	95	1608089	15.0	15.1	
34 trans-1,2-Dichloroethene	61	7.738	7.733	0.005	97	985818	15.0	14.3	
35 Acrylonitrile	53	7.888	7.888	0.000	90	389259	15.0	15.0	
36 Hexane	57	8.155	8.150	0.005	87	775192	15.0	14.7	
37 1,1-Dichloroethane	63	8.632	8.626	0.006	100	1254432	15.0	14.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
38 Vinyl acetate	43	8.733	8.733	0.000	100	1814533	15.0	14.7	
39 cis-1,2-Dichloroethene	96	9.760	9.755	0.005	90	664140	15.0	14.8	
40 2-Butanone (MEK)	72	9.825	9.825	0.000	98	245284	15.0	13.6	
42 Ethyl acetate	88	9.894	9.899	-0.005	98	29791	15.0	14.1	
S 41 1,2-Dichloroethene, Total	61				0		30.0	29.2	
* 43 Chlorobromomethane	128	10.226	10.220	0.006	96	409745	10.0	10.0	
44 Tetrahydrofuran	42	10.247	10.242	0.005	91	751507	15.0	14.0	
45 Chloroform	83	10.370	10.365	0.005	96	1679021	15.0	14.9	
46 Cyclohexane	84	10.616	10.611	0.005	95	751460	15.0	14.0	
47 1,1,1-Trichloroethane	97	10.643	10.638	0.005	98	1832388	15.0	14.1	
48 Carbon tetrachloride	117	10.894	10.895	-0.001	97	2078147	15.0	14.1	
51 Isooctane	57	11.365	11.360	0.005	96	3297605	15.0	14.1	
50 Benzene	78	11.360	11.360	0.000	98	2024474	15.0	14.1	
52 1,2-Dichloroethane	62	11.542	11.542	0.000	98	1431250	15.0	14.1	
53 n-Heptane	43	11.766	11.761	0.005	96	1440813	15.0	14.1	
* 54 1,4-Difluorobenzene	114	12.221	12.216	0.005	96	2271629	10.0	10.0	
55 n-Butanol	56	12.644	12.655	-0.011	97	303476	15.0	13.4	
56 Trichloroethene	95	12.681	12.681	0.000	93	1085586	15.0	13.5	
A 57 GRO	1	12.962	(4.561-21.363)		0	347027879	15.0	0	
58 1,2-Dichloropropane	63	13.227	13.227	0.000	82	887467	15.0	14.5	
59 Methyl methacrylate	69	13.436	13.436	0.000	89	672963	15.0	14.5	
61 Dibromomethane	174	13.478	13.478	0.000	93	1024882	15.0	14.8	
60 1,4-Dioxane	88	13.473	13.478	-0.005	45	303626	15.0	14.4	
62 Dichlorobromomethane	83	13.794	13.794	0.000	98	2260270	15.0	15.2	
A 63 TVOC as Toluene	1	14.650	(2.748-26.552)		0	544423102	15.0	0	
64 cis-1,3-Dichloropropene	75	14.778	14.773	0.005	95	1458606	15.0	15.4	
65 4-Methyl-2-pentanone (MIBK	43	15.099	15.099	0.000	99	2171916	15.0	14.8	
A 67 Toluene Range	1	15.399	(15.359-15.439)		0	7099192	NC	NC	
66 Toluene	92	15.399	15.399	0.000	93	1633696	15.0	15.0	
A 68 C8 Range	1	15.507	(15.451-15.551)		0	8145786	NC	NC	
69 n-Octane	43	15.501	15.501	0.000	94	2260324	15.0	14.5	
70 trans-1,3-Dichloropropene	75	16.019	16.014	0.005	94	1588029	15.0	15.3	
71 1,1,2-Trichloroethane	83	16.399	16.399	0.000	90	910578	15.0	15.0	
72 Tetrachloroethene	166	16.522	16.517	0.005	92	1549834	15.0	14.5	
73 2-Hexanone	43	16.891	16.886	0.005	97	2152311	15.0	15.0	
74 Chlorodibromomethane	129	17.180	17.175	0.005	96	2227659	15.0	15.9	
75 Ethylene Dibromide	107	17.448	17.448	0.000	98	1672172	15.0	15.5	
* 76 Chlorobenzene-d5	117	18.379	18.373	0.006	92	2363204	10.0	10.0	
77 Chlorobenzene	112	18.438	18.438	0.000	91	2227820	15.0	15.1	
78 Ethylbenzene	91	18.609	18.603	0.006	99	3673117	15.0	15.0	
79 n-Nonane	57	18.769	18.764	0.005	93	1858077	15.0	15.1	
80 m-Xylene & p-Xylene	106	18.866	18.860	0.006	0	2861021	30.0	30.3	
83 o-Xylene	106	19.711	19.711	0.000	92	1424497	15.0	15.1	
84 Styrene	104	19.764	19.764	0.000	94	2078461	15.0	16.0	
S 82 Xylenes, Total	106				0		45.0	45.3	
85 Bromoform	173	20.176	20.176	0.000	94	2268273	15.0	16.4	
86 Isopropylbenzene	105	20.417	20.417	0.000	98	4126000	15.0	15.3	
* 87 4-Bromofluorobenzene	95	20.786	20.781	0.005	90	1800752	10.0	10.0	
88 1,1,2,2-Tetrachloroethane	83	21.064	21.064	0.000	96	2304161	15.0	15.2	
90 N-Propylbenzene	91	21.150	21.150	0.000	98	5191262	15.0	15.4	
89 1,2,3-Trichloropropane	75	21.161	21.155	0.006	97	1939494	15.0	14.6	
91 4-Ethyltoluene	105	21.342	21.343	0.000	97	4219667	15.0	15.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 2-Chlorotoluene	91	21.342	21.343	0.000	94	3814170	15.0	15.5	
93 n-Decane	57	21.353	21.353	0.000	92	2296464	15.0	14.9	
94 1,3,5-Trimethylbenzene	105	21.455	21.455	0.000	92	3451534	15.0	15.4	
95 Alpha Methyl Styrene	118	21.819	21.819	0.000	87	1687378	15.0	16.1	
96 tert-Butylbenzene	119	21.947	21.942	0.005	95	3200343	15.0	15.3	
97 1,2,4-Trimethylbenzene	105	22.038	22.038	0.000	99	3462058	15.0	15.4	
98 sec-Butylbenzene	105	22.273	22.268	0.005	98	4844858	15.0	15.4	
99 4-Isopropyltoluene	119	22.477	22.477	0.000	96	4136018	15.0	15.7	
100 1,3-Dichlorobenzene	146	22.493	22.487	0.006	94	2482712	15.0	15.5	
101 1,4-Dichlorobenzene	146	22.626	22.626	0.000	92	2414420	15.0	15.7	
102 Benzyl chloride	91	22.819	22.819	0.000	97	3198738	15.0	16.2	
103 n-Butylbenzene	91	23.038	23.038	0.000	98	3863038	15.0	15.7	
104 Undecane	57	23.081	23.081	0.000	94	2079584	15.0	13.8	
105 1,2-Dichlorobenzene	146	23.151	23.151	0.000	94	2311552	15.0	15.5	
106 Dodecane	57	24.638	24.638	0.000	91	1689418	15.0	15.9	
107 1,2,4-Trichlorobenzene	180	25.611	25.606	0.005	94	1866489	15.0	16.7	
108 Hexachlorobutadiene	225	25.804	25.804	0.000	93	1878582	15.0	16.6	
109 Naphthalene	128	26.077	26.077	0.000	99	3733209	15.0	17.1	
110 1,2,3-Trichlorobenzene	180	26.542	26.542	0.000	94	1652046	15.0	17.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL5w_00050	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

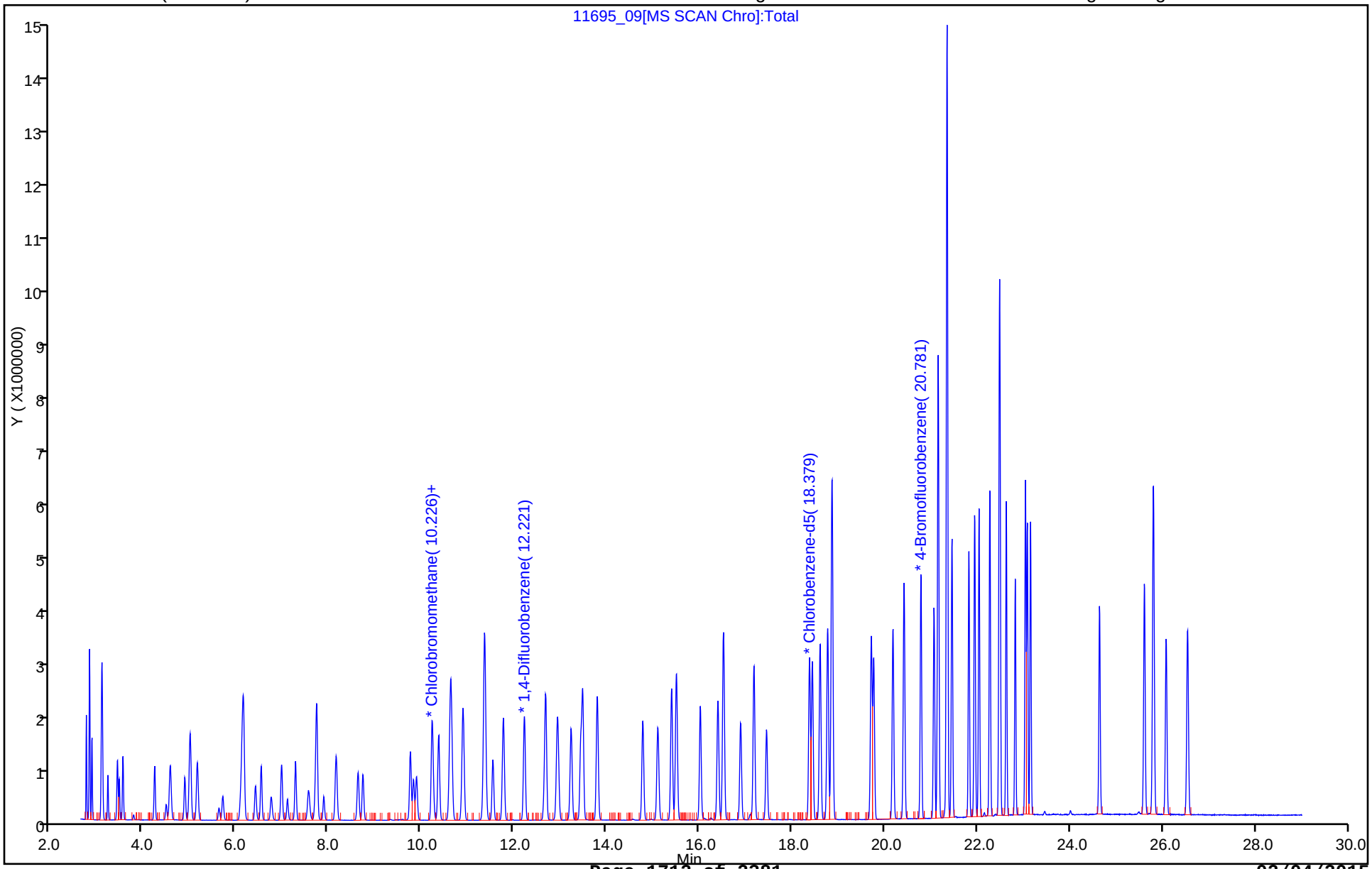
Report Date: 20-Jan-2015 12:20:05 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_09.D

Injection Date:	19-Jan-2015 21:57:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	IC			Worklist Smp#:	9
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_11.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 19-Jan-2015 23:39:30 ALS Bottle#: 8 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011695-011
Misc. Info.: ic
Operator ID: bpl Instrument ID: CHG.i
Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Jan-2015 12:20:19 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.763	2.758	0.005	97	1735838	40.0	33.2	
2 Dichlorodifluoromethane	85	2.833	2.827	0.006	99	6125253	40.0	33.4	
6 Chlorodifluoromethane	51	2.881	2.881	0.000	97	3696473	40.0	34.5	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.100	3.095	0.005	96	4713338	40.0	35.2	
8 Chloromethane	50	3.228	3.223	0.005	99	1826236	40.0	34.2	
9 Butane	43	3.432	3.432	0.000	95	2701254	40.0	34.3	
10 Vinyl chloride	62	3.475	3.469	0.005	98	1836096	40.0	33.2	
11 Butadiene	54	3.555	3.549	0.006	91	1325555	40.0	36.1	
12 Bromomethane	94	4.240	4.234	0.006	98	1827469	40.0	35.9	
14 Chloroethane	64	4.491	4.480	0.011	95	712793	40.0	35.3	
15 2-Methylbutane	43	4.577	4.571	0.006	91	1789930	40.0	34.8	
16 Vinyl bromide	106	4.892	4.881	0.011	97	1789220	40.0	37.8	
17 Trichlorofluoromethane	101	5.005	4.994	0.011	98	5702066	40.0	35.9	
18 Pentane	43	5.160	5.154	0.006	92	2806390	40.0	35.9	
19 Ethanol	45	5.636	5.620	0.016	95	1804345	100.0	95.3	
21 Ethyl ether	59	5.705	5.705	0.000	93	976759	40.0	38.6	
22 Acrolein	56	6.085	6.085	0.000	98	421854	40.0	36.9	
23 1,1,2-Trichloro-1,2,2-trif	101	6.133	6.133	0.000	95	3430061	40.0	36.1	
24 1,1-Dichloroethene	96	6.160	6.155	0.005	95	1442348	40.0	35.7	
25 Acetone	43	6.417	6.411	0.006	82	2963086	40.0	34.3	
26 Carbon disulfide	76	6.540	6.535	0.005	99	4522065	40.0	36.3	
27 Isopropyl alcohol	45	6.765	6.749	0.016	98	2347510	40.0	39.0	
29 3-Chloro-1-propene	41	6.984	6.979	0.005	83	2527208	40.0	36.8	
30 Acetonitrile	41	7.107	7.102	0.005	98	1290384	40.0	38.0	
31 Methylene Chloride	49	7.283	7.278	0.005	95	2394526	40.0	35.0	
32 2-Methyl-2-propanol	59	7.572	7.556	0.016	98	3100453	40.0	40.4	
33 Methyl tert-butyl ether	73	7.722	7.728	-0.006	95	4697337	40.0	40.5	
34 trans-1,2-Dichloroethene	61	7.744	7.733	0.011	97	2732241	40.0	36.4	
35 Acrylonitrile	53	7.893	7.888	0.005	91	1138343	40.0	40.1	
36 Hexane	57	8.161	8.150	0.011	88	2197470	40.0	38.2	
37 1,1-Dichloroethane	63	8.632	8.626	0.006	99	3581025	40.0	37.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
38 Vinyl acetate	43	8.739	8.733	0.006	100	5392990	40.0	40.1	
39 cis-1,2-Dichloroethene	96	9.760	9.755	0.005	91	1901977	40.0	38.9	
40 2-Butanone (MEK)	72	9.830	9.825	0.005	99	716525	40.0	36.4	
42 Ethyl acetate	88	9.900	9.899	0.001	98	91346	40.0	39.5	
S 41 1,2-Dichloroethene, Total	61				0		80.0	75.3	
* 43 Chlorobromomethane	128	10.226	10.220	0.006	96	447299	10.0	10.0	
44 Tetrahydrofuran	42	10.247	10.242	0.005	91	2194947	40.0	37.9	
45 Chloroform	83	10.376	10.365	0.011	97	4825389	40.0	39.2	
46 Cyclohexane	84	10.622	10.611	0.011	94	2163958	40.0	37.4	
47 1,1,1-Trichloroethane	97	10.648	10.638	0.010	98	5207326	40.0	37.2	
48 Carbon tetrachloride	117	10.900	10.895	0.005	96	6024070	40.0	38.0	
51 Isooctane	57	11.371	11.360	0.011	96	9655870	40.0	38.4	
50 Benzene	78	11.365	11.360	0.005	97	6010597	40.0	38.9	
52 1,2-Dichloroethane	62	11.547	11.542	0.005	98	4157252	40.0	38.1	
53 n-Heptane	43	11.772	11.761	0.011	96	4189249	40.0	38.0	
* 54 1,4-Difluorobenzene	114	12.227	12.216	0.011	96	2444759	10.0	10.0	
55 n-Butanol	56	12.649	12.655	-0.006	96	1065210	40.0	43.9	
56 Trichloroethene	95	12.687	12.681	0.006	94	3254398	40.0	37.6	
A 57 GRO	1	12.962	(4.561-21.363)		0	1043906321	40.0	0	
58 1,2-Dichloropropane	63	13.238	13.227	0.011	80	2664407	40.0	40.5	
59 Methyl methacrylate	69	13.446	13.436	0.010	90	2200195	40.0	44.1	
61 Dibromomethane	174	13.489	13.478	0.011	94	3169647	40.0	42.4	
60 1,4-Dioxane	88	13.478	13.478	0.000	45	892321	40.0	39.2	
62 Dichlorobromomethane	83	13.799	13.794	0.005	98	6803767	40.0	42.5	
A 63 TVOC as Toluene	1	14.650	(2.748-26.552)		0	1607496087	40.0	0	
64 cis-1,3-Dichloropropene	75	14.784	14.773	0.011	96	4517953	40.0	44.4	
65 4-Methyl-2-pentanone (MIBK	43	15.105	15.099	0.006	99	6489216	40.0	41.2	
A 67 Toluene Range	1	15.399	(15.359-15.439)		0	21629817	NC	NC	
66 Toluene	92	15.404	15.399	0.005	94	5112715	40.0	43.5	
A 68 C8 Range	1	15.507	(15.451-15.551)		0	24777649	NC	NC	
69 n-Octane	43	15.506	15.501	0.005	95	6781963	40.0	40.3	
70 trans-1,3-Dichloropropene	75	16.025	16.014	0.011	95	4935327	40.0	44.2	
71 1,1,2-Trichloroethane	83	16.405	16.399	0.006	91	2783573	40.0	42.3	
72 Tetrachloroethene	166	16.522	16.517	0.005	93	4836940	40.0	41.9	
73 2-Hexanone	43	16.892	16.886	0.006	98	6423794	40.0	41.4	
74 Chlorodibromomethane	129	17.180	17.175	0.005	98	7109126	40.0	46.8	
75 Ethylene Dibromide	107	17.453	17.448	0.005	99	5260616	40.0	45.2	
* 76 Chlorobenzene-d5	117	18.384	18.373	0.011	89	2555037	10.0	10.0	
77 Chlorobenzene	112	18.443	18.438	0.005	96	7051034	40.0	44.1	
78 Ethylbenzene	91	18.609	18.603	0.006	99	11605105	40.0	44.0	
79 n-Nonane	57	18.775	18.764	0.011	92	5801617	40.0	43.7	
80 m-Xylene & p-Xylene	106	18.871	18.860	0.011	0	9399094	80.0	91.9	
83 o-Xylene	106	19.716	19.711	0.005	93	4554106	40.0	44.6	
84 Styrene	104	19.770	19.764	0.006	95	6932219	40.0	49.3	
S 82 Xylenes, Total	106				0		120.0	136.5	
85 Bromoform	173	20.187	20.176	0.011	95	7326290	40.0	49.0	
86 Isopropylbenzene	105	20.422	20.417	0.005	98	13007186	40.0	44.6	
* 87 4-Bromofluorobenzene	95	20.786	20.781	0.005	91	1901566	10.0	10.0	
88 1,1,2,2-Tetrachloroethane	83	21.070	21.064	0.006	95	7141793	40.0	43.5	
90 N-Propylbenzene	91	21.155	21.150	0.005	98	16142786	40.0	44.3	
89 1,2,3-Trichloropropane	75	21.166	21.155	0.011	97	5926218	40.0	41.3	
91 4-Ethyltoluene	105	21.348	21.343	0.006	98	13337609	40.0	46.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 2-Chlorotoluene	91	21.348	21.343	0.006	96	11627912	40.0	43.7	
93 n-Decane	57	21.359	21.353	0.006	95	7211586	40.0	43.2	
94 1,3,5-Trimethylbenzene	105	21.460	21.455	0.005	93	11063180	40.0	45.6	
95 Alpha Methyl Styrene	118	21.824	21.819	0.005	89	5646463	40.0	49.8	
96 tert-Butylbenzene	119	21.947	21.942	0.005	90	10326491	40.0	45.5	
97 1,2,4-Trimethylbenzene	105	22.043	22.038	0.005	98	11133203	40.0	45.9	
98 sec-Butylbenzene	105	22.273	22.268	0.005	98	15524986	40.0	45.5	
99 4-Isopropyltoluene	119	22.477	22.477	0.000	97	13411967	40.0	47.1	
100 1,3-Dichlorobenzene	146	22.498	22.487	0.011	93	8068027	40.0	46.7	
101 1,4-Dichlorobenzene	146	22.632	22.626	0.006	92	7746024	40.0	46.7	
102 Benzyl chloride	91	22.824	22.819	0.005	97	10550711	40.0	49.5	
103 n-Butylbenzene	91	23.044	23.038	0.006	99	12257706	40.0	46.2	
104 Undecane	57	23.081	23.081	0.000	96	7127293	40.0	43.6	
105 1,2-Dichlorobenzene	146	23.156	23.151	0.005	93	7413255	40.0	46.0	
106 Dodecane	57	24.643	24.638	0.005	92	2441890	40.0	21.3	
107 1,2,4-Trichlorobenzene	180	25.612	25.606	0.006	94	4428826	40.0	36.6	
108 Hexachlorobutadiene	225	25.804	25.804	0.000	93	4008416	40.0	32.8	
109 Naphthalene	128	26.082	26.077	0.005	99	9053111	40.0	38.3	
110 1,2,3-Trichlorobenzene	180	26.542	26.542	0.000	94	2921117	40.0	28.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL7w_00051	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

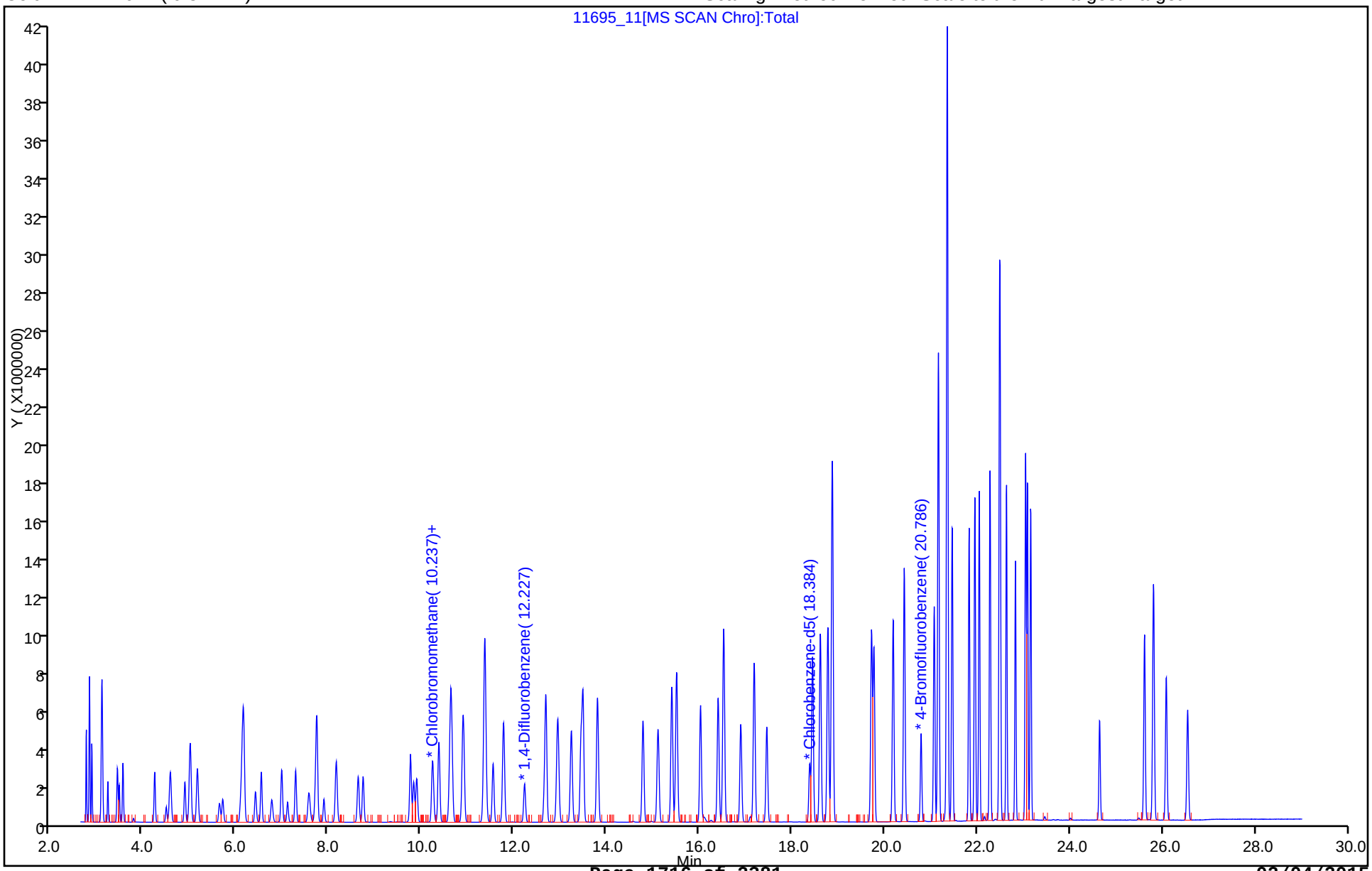
Report Date: 20-Jan-2015 12:20:19 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_11.D

Injection Date:	19-Jan-2015 23:39:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	IC			Worklist Smp#:	11
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 20-Jan-2015 08:44:30 ALS Bottle#: 11 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011695-017
Misc. Info.: ic
Operator ID: bpl Instrument ID: CHG.i
Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Jan-2015 12:20:59 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 20-Jan-2015 09:20:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.758	2.758	0.000	97	853836	20.0	20.5	
2 Dichlorodifluoromethane	85	2.827	2.827	0.000	89	3134316	20.0	21.5	
6 Chlorodifluoromethane	51	2.881	2.881	0.000	76	1836916	20.0	21.6	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.095	3.095	0.000	95	2356409	20.0	22.1	
8 Chloromethane	50	3.223	3.223	0.000	89	895973	20.0	21.1	
9 Butane	43	3.432	3.432	0.000	96	1337292	20.0	21.3	
10 Vinyl chloride	62	3.469	3.469	0.000	82	897129	20.0	20.4	
11 Butadiene	54	3.549	3.549	0.000	92	634506	20.0	21.7	
12 Bromomethane	94	4.234	4.234	0.000	97	878157	20.0	21.7	
14 Chloroethane	64	4.486	4.480	0.006	94	338286	20.0	21.0	
15 2-Methylbutane	43	4.571	4.571	0.000	91	858920	20.0	21.0	
16 Vinyl bromide	106	4.887	4.881	0.006	96	862087	20.0	22.9	
17 Trichlorofluoromethane	101	4.999	4.994	0.005	86	2725214	20.0	21.5	
18 Pentane	43	5.160	5.154	0.006	92	1324221	20.0	21.3	
19 Ethanol	45	5.625	5.620	0.005	96	644915	40.0	42.8	
21 Ethyl ether	59	5.705	5.705	0.000	77	403388	20.0	20.0	
22 Acrolein	56	6.085	6.085	0.000	88	194341	20.0	21.4	
23 1,1,2-Trichloro-1,2,2-trif	101	6.128	6.133	-0.005	93	1568544	20.0	20.7	
24 1,1-Dichloroethene	96	6.160	6.155	0.005	85	680346	20.0	21.1	
25 Acetone	43	6.411	6.411	0.000	77	1275840	20.0	18.6	
26 Carbon disulfide	76	6.534	6.535	-0.001	98	2137750	20.0	21.6	
27 Isopropyl alcohol	45	6.754	6.749	0.005	97	1055374	20.0	22.0	
29 3-Chloro-1-propene	41	6.973	6.979	-0.006	82	1126614	20.0	20.6	
30 Acetonitrile	41	7.102	7.102	0.000	97	530079	20.0	19.6	
31 Methylene Chloride	49	7.278	7.278	0.000	90	1092863	20.0	20.1	
32 2-Methyl-2-propanol	59	7.556	7.556	0.000	98	1368515	20.0	22.4	
33 Methyl tert-butyl ether	73	7.722	7.728	-0.006	95	1887357	20.0	20.4	
34 trans-1,2-Dichloroethene	61	7.738	7.733	0.005	89	1232534	20.0	20.6	
35 Acrylonitrile	53	7.888	7.888	0.000	91	445534	20.0	19.7	
36 Hexane	57	8.155	8.150	0.005	89	989331	20.0	21.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.626	8.626	0.000	94	1538994	20.0	20.2	
38 Vinyl acetate	43	8.733	8.733	0.000	99	2085509	20.0	19.5	
39 cis-1,2-Dichloroethene	96	9.755	9.755	0.000	84	829297	20.0	21.3	
40 2-Butanone (MEK)	72	9.825	9.825	0.000	96	291299	20.0	18.6	
42 Ethyl acetate	88	9.889	9.899	-0.010	94	38657	20.0	21.0	
S 41 1,2-Dichloroethene, Total	61				0		40.0	42.0	
* 43 Chlorobromomethane	128	10.226	10.220	0.006	96	355940	10.0	10.0	
44 Tetrahydrofuran	42	10.247	10.242	0.005	90	882906	20.0	21.9	
45 Chloroform	83	10.370	10.365	0.005	91	2090272	20.0	21.4	
46 Cyclohexane	84	10.616	10.611	0.005	94	952231	20.0	23.7	
47 1,1,1-Trichloroethane	97	10.643	10.638	0.005	91	2251097	20.0	23.1	
48 Carbon tetrachloride	117	10.894	10.895	-0.001	88	2605159	20.0	23.6	
51 Isooctane	57	11.365	11.360	0.005	95	4123259	20.0	23.6	
50 Benzene	78	11.360	11.360	0.000	89	2459076	20.0	22.9	
52 1,2-Dichloroethane	62	11.542	11.542	0.000	92	1726625	20.0	22.8	
53 n-Heptane	43	11.766	11.761	0.005	95	1795337	20.0	23.4	
* 54 1,4-Difluorobenzene	114	12.221	12.216	0.005	96	1698745	10.0	10.0	
55 n-Butanol	56	12.638	12.655	-0.017	95	426164	20.0	25.3	
56 Trichloroethene	95	12.676	12.681	-0.005	88	1369238	20.0	22.8	
A 57 GRO	1	12.962	(4.561-21.363)		0	419594277	20.0	0	
58 1,2-Dichloropropane	63	13.232	13.227	0.005	80	1062719	20.0	23.3	
59 Methyl methacrylate	69	13.436	13.436	0.000	89	826576	20.0	23.9	
61 Dibromomethane	174	13.484	13.478	0.006	94	1261968	20.0	24.3	
60 1,4-Dioxane	88	13.478	13.478	0.000	44	373519	20.0	23.6	
62 Dichlorobromomethane	83	13.794	13.794	0.000	95	2716471	20.0	24.4	
A 63 TVOC as Toluene	1	14.650	(2.748-26.552)		0	661401106	20.0	0	
64 cis-1,3-Dichloropropene	75	14.778	14.773	0.005	90	1770959	20.0	25.0	
65 4-Methyl-2-pentanone (MIBK	43	15.099	15.099	0.000	98	2745546	20.0	25.1	
A 67 Toluene Range	1	15.399	(15.359-15.439)		0	8225013	NC	NC	
66 Toluene	92	15.399	15.399	0.000	91	1913766	20.0	21.5	
A 68 C8 Range	1	15.501	(15.451-15.551)		0	9922477	NC	NC	
69 n-Octane	43	15.501	15.501	0.000	95	2742876	20.0	23.5	
70 trans-1,3-Dichloropropene	75	16.019	16.014	0.005	91	1916079	20.0	24.7	
71 1,1,2-Trichloroethane	83	16.399	16.399	0.000	89	1083874	20.0	21.7	
72 Tetrachloroethene	166	16.517	16.517	0.000	86	1928671	20.0	22.0	
73 2-Hexanone	43	16.886	16.886	0.000	97	2733131	20.0	23.2	
74 Chlorodibromomethane	129	17.180	17.175	0.005	97	2719528	20.0	23.6	
75 Ethylene Dibromide	107	17.448	17.448	0.000	98	2026373	20.0	23.0	
* 76 Chlorobenzene-d5	117	18.379	18.373	0.006	75	1936710	10.0	10.0	
77 Chlorobenzene	112	18.438	18.438	0.000	90	2691068	20.0	22.2	
78 Ethylbenzene	91	18.603	18.603	0.000	99	4280673	20.0	21.4	
79 n-Nonane	57	18.769	18.764	0.005	92	2172167	20.0	21.6	
80 m-Xylene & p-Xylene	106	18.860	18.860	0.000	0	3313324	40.0	42.7	
83 o-Xylene	106	19.711	19.711	0.000	92	1661119	20.0	21.4	
84 Styrene	104	19.764	19.764	0.000	91	2462713	20.0	23.1	
S 82 Xylenes, Total	106				0		60.0	64.2	
85 Bromoform	173	20.176	20.176	0.000	94	2793116	20.0	24.7	
86 Isopropylbenzene	105	20.417	20.417	0.000	98	4744288	20.0	21.5	
* 87 4-Bromofluorobenzene	95	20.781	20.781	0.000	89	1535451	10.0	10.0	
88 1,1,2,2-Tetrachloroethane	83	21.064	21.064	0.000	92	2718162	20.0	21.8	
90 N-Propylbenzene	91	21.150	21.150	0.000	96	6014180	20.0	21.8	
89 1,2,3-Trichloropropane	75	21.161	21.155	0.006	63	2269272	20.0	20.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
91 4-Ethyltoluene	105	21.342	21.343	0.000	86	4924992	20.0	22.6	
92 2-Chlorotoluene	91	21.342	21.343	0.000	90	4460852	20.0	22.1	
93 n-Decane	57	21.353	21.353	0.000	89	2670898	20.0	21.1	
94 1,3,5-Trimethylbenzene	105	21.455	21.455	0.000	91	4020399	20.0	21.9	
95 Alpha Methyl Styrene	118	21.819	21.819	0.000	86	1987641	20.0	23.1	
96 tert-Butylbenzene	119	21.942	21.942	0.000	86	3720150	20.0	21.6	
97 1,2,4-Trimethylbenzene	105	22.038	22.038	0.000	99	4004836	20.0	21.8	
98 sec-Butylbenzene	105	22.268	22.268	0.000	97	5670255	20.0	21.9	
99 4-Isopropyltoluene	119	22.477	22.477	0.000	94	4908464	20.0	22.7	
100 1,3-Dichlorobenzene	146	22.493	22.487	0.006	94	2980321	20.0	22.8	
101 1,4-Dichlorobenzene	146	22.626	22.626	0.000	92	2908404	20.0	23.1	
102 Benzyl chloride	91	22.819	22.819	0.000	97	3942856	20.0	24.4	
103 n-Butylbenzene	91	23.038	23.038	0.000	94	4642088	20.0	23.1	
104 Undecane	57	23.081	23.081	0.000	90	2733260	20.0	22.1	
105 1,2-Dichlorobenzene	146	23.151	23.151	0.000	86	2717830	20.0	22.3	
106 Dodecane	57	24.638	24.638	0.000	91	2326996	20.0	26.8	
107 1,2,4-Trichlorobenzene	180	25.606	25.606	0.000	93	2348774	20.0	25.6	
108 Hexachlorobutadiene	225	25.804	25.804	0.000	89	2183774	20.0	23.5	
109 Naphthalene	128	26.077	26.077	0.000	99	4601866	20.0	25.7	
110 1,2,3-Trichlorobenzene	180	26.542	26.542	0.000	93	2090128	20.0	27.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL6w_00101	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

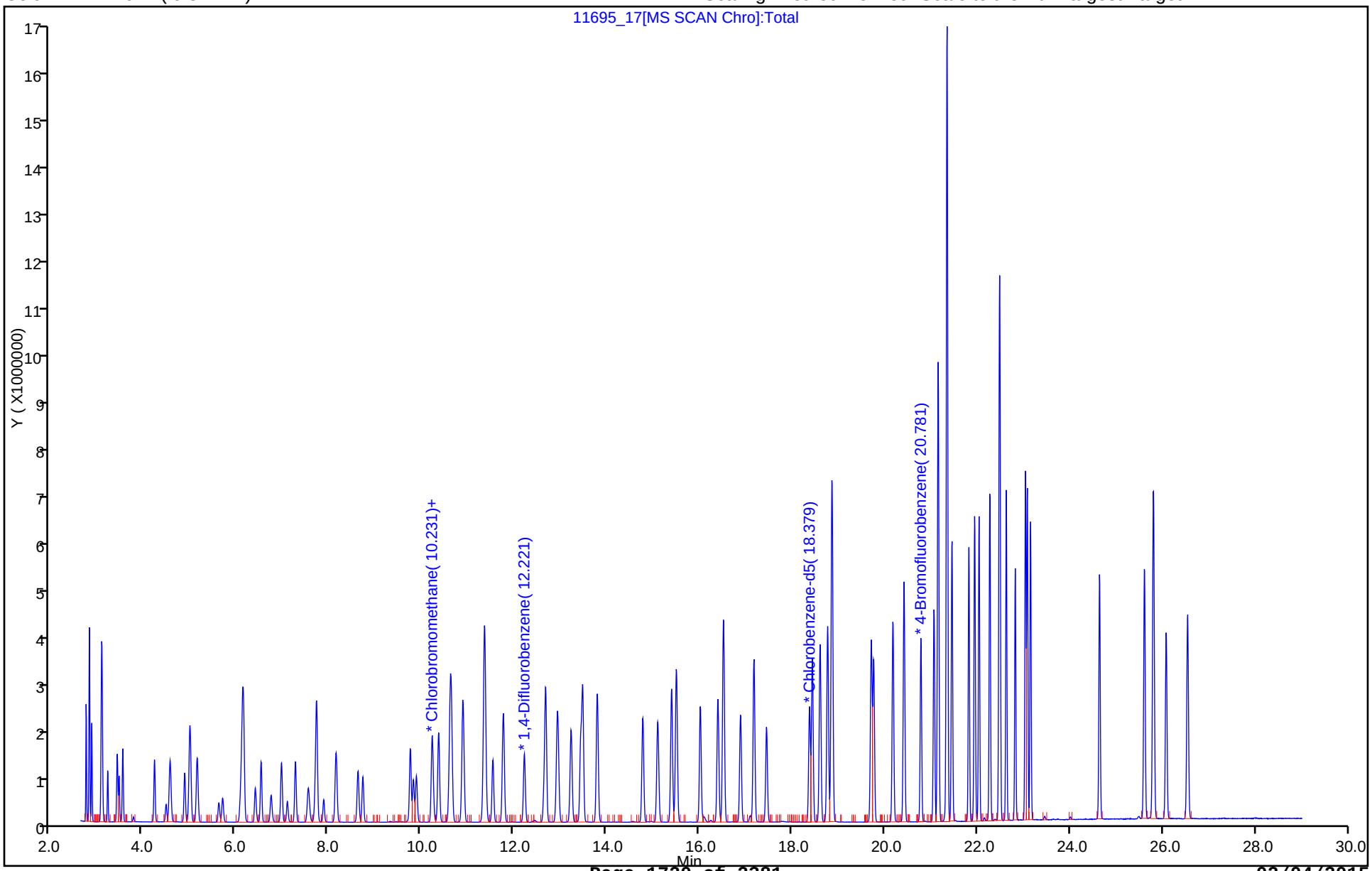
Report Date: 20-Jan-2015 12:21:00 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Injection Date:	20-Jan-2015 08:44:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	IC			Worklist Smp#:	17
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83750

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2015 13:46 Calibration End Date: 01/23/2015 19:33 Calibration ID: 29647

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-83750/5	11767_005.d
Level 2	IC 200-83750/6	11767_006.d
Level 3	IC 200-83750/7	11767_007.d
Level 4	IC 200-83750/8	11767_008.d
Level 5	ICIS 200-83750/9	11767_009.d
Level 6	IC 200-83750/10	11767_010.d
Level 7	IC 200-83750/11	11767_011.d
Level 8	IC 200-83750/12	11767_012.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.6147	+++++ 0.5817	0.7977 0.5148	0.7288	0.7278	Ave		0.6609				16.0		30.0			
Dichlorodifluoromethane	+++++ 2.6865	+++++ 2.5965	2.8994 2.3224	2.9890	3.1095	Ave		2.7672				10.0		30.0			
Freon 22	+++++ 1.2900	+++++ 1.2317	1.4645 1.0946	1.4453	1.4878	Ave		1.3356				12.0		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.8372	2.6097 2.7364	3.0708 2.4316	3.0996	3.2362	Ave		2.8602				10.0		30.0			
Chloromethane	+++++ 0.7716	+++++ 0.7383	0.8984 0.6623	0.8901	0.8933	Ave		0.8090				12.0		30.0			
n-Butane	+++++ 1.2874	+++++ 1.1971	1.4672 1.0441	1.4624	1.4886	Ave		1.3245				14.0		30.0			
Vinyl chloride	0.9317 1.0799	0.9453 1.0184	1.0988 0.9007	1.1829	1.2395	Ave		1.0497				12.0		30.0			
1,3-Butadiene	+++++ 0.7611	0.6073 0.7074	0.7599 0.6235	0.8275	0.8740	Ave		0.7373				13.0		30.0			
Bromomethane	+++++ 1.2607	1.2221 1.1329	1.4037 0.9701	1.4234	1.5022	Ave		1.2736				15.0		30.0			
Chloroethane	+++++ 0.5485	+++++ 0.5260	0.5952 0.4511	0.6330	0.6617	Ave		0.5692				14.0		30.0			
Isopentane	+++++ 0.8903	0.9210 0.8438	1.0813 0.7600	1.0301	1.0508	Ave		0.9396				13.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.2749	1.1263 1.2472	1.2848 1.1836	1.3661	1.4162	Ave		1.2713				7.8		30.0			
Trichlorofluoromethane	+++++ 2.6460	2.4466 2.5525	2.8736 2.3879	2.8666	2.9526	Ave		2.6751				8.4		30.0			
n-Pentane	+++++ 1.3133	+++++ 1.2673	1.4415 1.1416	1.4729	1.4970	Ave		1.3556				10.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83750

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2015 13:46 Calibration End Date: 01/23/2015 19:33 Calibration ID: 29647

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.2675	+++++ 0.2535	0.3210 0.2423	0.3460	0.3044	Ave		0.2891				14.0		30.0			
Ethyl ether	+++++ 0.6040	0.4946 0.5892	0.6674 0.5491	0.6500	0.6720	Ave		0.6038				11.0		30.0			
Acrolein	+++++ 0.2965	+++++ 0.2927	+++++ 0.2433	0.2892	0.3306	Ave		0.2905				11.0		30.0			
Freon TF	+++++ 2.2575	2.0259 2.2421	2.4241 2.0934	2.4545	2.4819	Ave		2.2828				7.9		30.0			
1,1-Dichloroethene	+++++ 1.1156	0.9978 1.1070	1.1552 1.0500	1.2008	1.2298	Ave		1.1223				7.3		30.0			
Acetone	+++++ 1.1160	+++++ 1.0057	+++++ 0.8804	1.6748	1.2113	Ave		1.1776				26.0		30.0			
Carbon disulfide	+++++ 2.7102	+++++ 2.6360	2.8918 2.4403	3.0372	3.0201	Ave		2.7893				8.4		30.0			
Isopropyl alcohol	+++++ 0.8186	+++++ 0.8037	+++++ 0.7748	1.0515	0.8857	Ave		0.8669				13.0		30.0			
3-Chloropropene	+++++ 0.9234	0.8568 0.9003	0.9472 0.8268	0.9985	1.0208	Ave		0.9248				7.6		30.0			
Acetonitrile	+++++ 0.5241	+++++ 0.4965	+++++ 0.4584	0.6189	0.5855	Ave		0.5367				12.0		30.0			
Methylene Chloride	+++++ 0.8618	+++++ 0.8270	1.0827 0.7538	0.9779	0.9735	Ave		0.9128				13.0		30.0			
tert-Butyl alcohol	+++++ 1.2466	+++++ 1.2536	+++++ 1.2215	1.4874	1.3393	Ave		1.3097				8.3		30.0			
Methyl tert-butyl ether	+++++ 2.6913	2.2745 2.6473	2.4047 2.5012	2.8409	2.9352	Ave		2.6136				9.0		30.0			
trans-1,2-Dichloroethene	+++++ 1.2589	1.1085 1.2371	1.2398 1.1336	1.3769	1.4046	Ave		1.2513				8.9		30.0			
Acrylonitrile	+++++ 0.6237	+++++ 0.6030	0.6174 0.5623	0.6753	0.6953	Ave		0.6295				7.7		30.0			
n-Hexane	+++++ 1.3896	1.1758 1.3570	1.2859 1.2386	1.4974	1.5441	Ave		1.3555				9.9		30.0			
1,1-Dichloroethane	1.4719 1.6451	1.4722 1.6143	1.6807 1.4878	1.8218	1.8268	Ave		1.6276				9.0		30.0			
Vinyl acetate	+++++ 1.9506	+++++ 1.8904	+++++ 1.7189	2.0773	2.1175	Ave		1.9509				8.2		30.0			
cis-1,2-Dichloroethene	+++++ 1.3070	1.0900 1.2987	1.2270 1.2166	1.3518	1.4122	Ave		1.2719				8.3		30.0			
Methyl Ethyl Ketone	+++++ 0.5411	+++++ 0.5324	0.7334 0.4847	0.6305	0.6025	Ave		0.5874				15.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83750

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2015 13:46 Calibration End Date: 01/23/2015 19:33 Calibration ID: 29647

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.0967	+++++ 0.0970	+++++ 0.0923	0.1046	0.1094	Ave		0.1000				6.9		30.0			
Tetrahydrofuran	+++++ 0.1908	+++++ 0.1818	+++++ 0.1687	0.2017	0.2111	Ave		0.1908				8.7		30.0			
Chloroform	+++++ 2.0338	1.8285 1.9997	2.1004 1.8914	2.1931	2.2525	Ave		2.0428				7.5		30.0			
Cyclohexane	+++++ 0.3661	0.2532 0.3616	0.3128 0.3420	0.3612	0.3935	Ave		0.3415				13.0		30.0			
1,1,1-Trichloroethane	+++++ 0.4851	0.3921 0.4842	0.4512 0.4680	0.4874	0.5244	Ave		0.4704				8.7		30.0			
Carbon tetrachloride	0.4011 0.5250	0.4075 0.5295	0.4820 0.5229	0.5275	0.5646	Ave		0.4950				12.0		30.0			
2,2,4-Trimethylpentane	+++++ 1.0318	0.7542 1.0066	0.8784 0.9187	1.0492	1.1295	Ave		0.9669				13.0		30.0			
Benzene	+++++ 0.7606	0.6457 0.7488	0.7577 0.7099	0.7854	0.8319	Ave		0.7486				7.8		30.0			
1,2-Dichloroethane	+++++ 0.2405	0.2019 0.2371	0.2288 0.2279	0.2489	0.2623	Ave		0.2354				8.1		30.0			
n-Heptane	+++++ 0.3220	0.2368 0.3120	0.2891 0.2819	0.3383	0.3571	Ave		0.3053				13.0		30.0			
n-Butanol	+++++ 0.0882	+++++ 0.0905	+++++ 0.0986	0.0979	0.0941	Ave		0.0939				4.8		30.0			
Trichloroethene	0.3037 0.3548	0.2884 0.3545	0.3262 0.3418	0.3591	0.3843	Ave		0.3391				9.3		30.0			
1,2-Dichloropropane	+++++ 0.2597	0.2064 0.2532	0.2372 0.2396	0.2655	0.2823	Ave		0.2491				9.8		30.0			
Methyl methacrylate	+++++ 0.2625	+++++ 0.2563	0.1998 0.2482	0.2576	0.2807	Ave		0.2508				11.0		30.0			
1,4-Dioxane	+++++ 0.1109	+++++ 0.1086	+++++ 0.1064	0.1261	0.1178	Ave		0.1140				7.0		30.0			
Dibromomethane	+++++ 0.4482	0.3486 0.4574	0.3879 0.4663	0.4283	0.4766	Ave		0.4305				11.0		30.0			
Bromodichloromethane	+++++ 0.5158	0.3849 0.5103	0.4733 0.4892	0.5228	0.5621	Ave		0.4941				11.0		30.0			
cis-1,3-Dichloropropene	+++++ 0.4032	0.2681 0.3986	0.3205 0.3857	0.3935	0.4308	Ave		0.3715				15.0		30.0			
methyl isobutyl ketone	+++++ 0.4234	+++++ 0.4064	0.3257 0.3628	0.4163	0.4525	Ave		0.3978				12.0		30.0			
n-Octane	+++++ 0.4624	0.3192 0.4291	0.4004 0.3353	0.4847	0.5184	Ave		0.4214				18.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83750

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2015 13:46 Calibration End Date: 01/23/2015 19:33 Calibration ID: 29647

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Toluene	+++++ 0.6949	0.5110 0.6732	0.6081 0.5950	0.6843	0.7458	Ave		0.6446				12.0		30.0			
trans-1,3-Dichloropropene	+++++ 0.4052	0.2551 0.4025	0.3238 0.3882	0.3997	0.4359	Ave		0.3729				17.0		30.0			
1,1,2-Trichloroethane	+++++ 0.3027	0.2347 0.2972	0.2889 0.2866	0.3125	0.3289	Ave		0.2931				10.0		30.0			
Tetrachloroethene	0.5462 0.7257	0.5581 0.7319	0.6324 0.7372	0.6833	0.7588	Ave		0.6717				12.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.4386	+++++ 0.4185	0.3309 0.3736	0.4172	0.4546	Ave		0.4056				11.0		30.0			
Dibromochloromethane	+++++ 0.7676	0.5178 0.7673	0.6356 0.7550	0.7422	0.8165	Ave		0.7146				14.0		30.0			
1,2-Dibromoethane	+++++ 0.6253	0.4426 0.6189	0.5449 0.6039	0.6164	0.6690	Ave		0.5887				13.0		30.0			
Chlorobenzene	+++++ 0.9933	0.8109 0.9822	0.9517 0.9411	0.9976	1.0731	Ave		0.9642				8.3		30.0			
Ethylbenzene	+++++ 1.4259	1.0525 1.3949	1.2506 1.2739	1.4330	1.5453	Ave		1.3394				12.0		30.0			
n-Nonane	+++++ 0.5580	0.3830 0.5356	0.4769 0.4573	0.5709	0.6037	Ave		0.5122				15.0		30.0			
m,p-Xylene	+++++ 0.6759	0.4457 0.6530	0.5444 0.5421	0.6594	0.7199	Ave		0.6058				16.0		30.0			
Xylene, o-	+++++ 0.6481	0.3864 0.6464	0.5131 0.5944	0.6344	0.6915	Ave		0.5878				18.0		30.0			
Styrene	+++++ 1.0172	0.5573 1.0108	0.7406 0.9168	0.9858	1.0589	Ave		0.8982				20.0		30.0			
Bromoform	+++++ 0.9195	0.5152 0.9339	0.6383 0.8781	0.8236	0.9544	Ave		0.8090				21.0		30.0			
Cumene	+++++ 1.7673	1.1254 1.7342	1.4344 1.4969	1.7856	1.9172	Ave		1.6087				17.0		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8210	0.6284 0.8047	0.7620 0.7248	0.8417	0.8948	Ave		0.7825				11.0		30.0			
n-Propylbenzene	+++++ 2.0245	1.3540 1.9582	1.7026 1.5929	2.0587	2.1906	Ave		1.8402				16.0		30.0			
1,2,3-Trichloropropane	+++++ 0.5914	+++++ 0.5781	0.5369 0.5051	0.6103	0.6453	Ave		0.5779				8.7		30.0			
n-Decane	+++++ 0.7290	+++++ 0.7014	0.6098 0.5563	0.7538	0.7749	Ave		0.6875				13.0		30.0			
4-Ethyltoluene	+++++ 1.8036	1.2212 1.7803	1.4772 1.5076	1.8158	1.9229	Ave		1.6469				15.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83750

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2015 13:46 Calibration End Date: 01/23/2015 19:33 Calibration ID: 29647

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 1.3834	1.0335 1.3698	1.2442 1.2194	1.3998	1.4819	Ave		1.3046				12.0		30.0			
1,3,5-Trimethylbenzene	+++++ 1.4751	0.9898 1.4669	1.2320 1.2799	1.4842	1.5646	Ave		1.3561				15.0		30.0			
Alpha Methyl Styrene	+++++ 0.8386	0.4113 0.8621	0.5424 0.8082	0.7992	0.8577	Ave		0.7314				25.0		30.0			
tert-Butylbenzene	+++++ 1.4992	0.9792 1.5020	1.2052 1.3317	1.5162	1.6173	Ave		1.3787				16.0		30.0			
1,2,4-Trimethylbenzene	+++++ 1.4971	0.9263 1.4839	1.1771 1.3078	1.5006	1.5586	Ave		1.3502				17.0		30.0			
sec-Butylbenzene	+++++ 2.2089	1.4277 2.1650	1.8044 1.8065	2.2738	2.3947	Ave		2.0116				17.0		30.0			
4-Isopropyltoluene	+++++ 1.9561	1.1458 1.9391	1.4820 1.6341	1.9823	2.0786	Ave		1.7454				19.0		30.0			
1,3-Dichlorobenzene	+++++ 1.2294	0.7816 1.2368	0.9692 1.1567	1.1975	1.2561	Ave		1.1182				16.0		30.0			
1,4-Dichlorobenzene	+++++ 1.2087	0.7448 1.2320	0.8917 1.1509	1.1751	1.2344	Ave		1.0911				18.0		30.0			
Benzyl chloride	+++++ 1.2087	0.4867 1.2322	0.6957 1.1343	1.0892	1.2422	Ave		1.0127				30.0		30.0			
n-Undecane	+++++ 0.8373	+++++ 0.7769	+++++ 0.5389	0.8660	0.8302	Ave		0.7699				17.0		30.0			
n-Butylbenzene	+++++ 1.7167	1.0728 1.6288	1.3728 1.2342	1.7239	1.7728	Ave		1.5031				18.0		30.0			
1,2-Dichlorobenzene	+++++ 1.1625	0.7640 1.1753	0.9209 1.1112	1.1449	1.1954	Ave		1.0677				15.0		30.0			
n-Dodecane	+++++ 0.7911	+++++ 0.8212	+++++ 0.6507	0.7849	0.5804	Ave		0.7257				14.0		30.0			
1,2,4-Trichlorobenzene	+++++ 0.9305	+++++ 0.9874	0.4746 0.9960	0.7135	0.7362	Ave		0.8064				25.0		30.0			
Hexachlorobutadiene	+++++ 0.8925	0.5034 0.9365	0.5997 0.9129	0.7789	0.8699	Ave		0.7848				22.0		30.0			
Naphthalene	+++++ 1.8193	+++++ 1.9110	0.6998 1.8161	1.6967	1.2536	Ave		1.5328				31.0	*	30.0			
1,2,3-Trichlorobenzene	+++++ 0.8490	0.4332 0.9142	0.4702 0.9128	0.6688	0.6830	Ave		0.7045				28.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83750

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2015 13:46 Calibration End Date: 01/23/2015 19:33 Calibration ID: 29647

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-83750/5	11767_005.d
Level 2	IC 200-83750/6	11767_006.d
Level 3	IC 200-83750/7	11767_007.d
Level 4	IC 200-83750/8	11767_008.d
Level 5	ICIS 200-83750/9	11767_009.d
Level 6	IC 200-83750/10	11767_010.d
Level 7	IC 200-83750/11	11767_011.d
Level 8	IC 200-83750/12	11767_012.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 309843	+++++ 428813	9970 891720	88305	201589	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1354091	+++++ 1913966	36238 4023156	362169	861328	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 650201	+++++ 907898	18304 1896130	175127	412125	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1430073	14267 2017036	38380 4212287	375568	896406	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 388916	+++++ 544248	11228 1147379	107846	247429	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 648912	+++++ 882392	18338 1808714	177196	412331	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1054 544302	5168 750654	13733 1560315	143334	343331	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	+++++ 383647	3320 521464	9498 1080094	100268	242097	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 635432	6681 835107	17544 1680449	172475	416104	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 276462	+++++ 387703	7439 781365	76701	183291	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 448745	5035 621993	13514 1316494	124820	291063	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 642599	6157 919378	16058 2050413	165522	392290	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1333715	13375 1881532	35915 4136491	347335	817864	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 661952	+++++ 934171	18017 1977510	178462	414670	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 180140	+++++ 373791	40166 1049258	83914	126526	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83750

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2015 13:46 Calibration End Date: 01/23/2015 19:33 Calibration ID: 29647

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 304462	2704 434338	8342 951179	78753	186129	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 149429	+++++ 215753	+++++ 421486	35045	91566	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 1137886	11075 1652710	30297 3626447	297403	687466	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	+++++ 562304	5455 815988	14438 1818943	145497	340665	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 562505	+++++ 741299	+++++ 1525039	202927	335518	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1366036	+++++ 1943061	36143 4227319	368006	836556	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 412626	+++++ 592419	+++++ 1342176	127412	245349	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 465441	4684 663655	11839 1432201	120981	282758	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 264186	+++++ 366017	+++++ 794063	74986	162172	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 434408	+++++ 609584	13532 1305824	118486	269650	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 628363	+++++ 924035	+++++ 2116028	180223	370978	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1356527	12434 1951397	30055 4332810	344223	813054	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 634535	6060 911915	15496 1963675	166831	389075	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 314378	+++++ 444503	7716 974042	81826	192605	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 700437	6428 1000279	16072 2145688	181440	427718	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1665 829201	8048 1189975	21006 2577296	220739	506012	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 983162	+++++ 1393444	+++++ 2977590	251705	586555	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	+++++ 658770	5959 957269	15335 2107462	163796	391165	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 272742	+++++ 392426	9166 839673	76391	166885	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 48721	+++++ 71512	+++++ 159941	12679	30301	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	+++++ 430253	+++++ 597787	+++++ 1270535	113301	264809	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83750

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2015 13:46 Calibration End Date: 01/23/2015 19:33 Calibration ID: 29647

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1025109	9996 1473993	26252 3276450	265737	623930	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	+++++ 825486	6464 1189211	18250 2575703	202942	493719	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	+++++ 1093733	10012 1592559	26330 3524669	273851	657999	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	2083 1183870	10405 1741562	28127 3938127	296358	708390	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2326672	19257 3310548	51257 6918470	589492	1417115	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	+++++ 1715051	16487 2462714	44214 5346644	441280	1043798	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	+++++ 542336	5156 779816	13352 1715976	139874	329142	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	+++++ 726003	6045 1026202	16869 2123284	190071	448030	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	+++++ 198972	+++++ 297802	+++++ 742787	55033	118022	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1577 799977	7364 1165923	19037 2574009	201777	482158	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	+++++ 585653	5270 832786	13840 1804749	149154	354213	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	+++++ 591807	+++++ 842909	11661 1868919	144755	352135	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	+++++ 250098	+++++ 357193	+++++ 801457	70859	147791	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	+++++ 1010608	8901 1504256	22634 3511968	240662	597941	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	+++++ 1162982	9826 1678443	27621 3684206	293726	705293	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	+++++ 909129	6846 1310884	18700 2904775	221091	540549	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	+++++ 954728	+++++ 1336546	19007 2732154	233905	567720	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	+++++ 1042713	8149 1411345	23366 2524873	272316	650459	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	+++++ 1463964	11680 2076631	31946 4176874	360455	879291	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	+++++ 913629	6512 1323894	18895 2923455	224577	546894	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	+++++ 637761	5364 916898	15177 2011553	164632	387706	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83750

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2015 13:46 Calibration End Date: 01/23/2015 19:33 Calibration ID: 29647

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	2518 1528972	12757 2257880	33224 5174787	359951	894559	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 924018	+++++ 1291100	17382 2622229	219764	535984	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	+++++ 1617156	11834 2366933	33392 5299428	390932	962619	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	+++++ 1317461	10115 1909328	28626 4239061	324707	788693	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	+++++ 2092587	18533 3029911	49998 6605939	525472	1265094	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	+++++ 3003985	24057 4302918	65700 8941794	754820	1821869	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	+++++ 1175583	8754 1652202	25053 3210204	300749	711725	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	+++++ 2847955	20376 4028637	57203 7610619	694703	1697407	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	+++++ 1365479	8832 1994072	26954 4172298	334167	815235	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	+++++ 2143059	12738 3118116	38906 6435357	519266	1248384	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	+++++ 1937303	11776 2880947	33536 6163445	433859	1125252	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	+++++ 3723413	25723 5349750	75359 10507369	940599	2260252	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 1729761	14363 2482238	40033 5087902	443355	1054905	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	+++++ 4265180	30946 6040593	89449 11181487	1084429	2582675	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1246058	+++++ 1783351	28207 3545750	321453	760752	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	+++++ 1535895	+++++ 2163565	32035 3904846	397042	913603	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	+++++ 3799735	27911 5491860	77603 10582503	956507	2266998	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	+++++ 2914459	23621 4225692	65367 8559424	737329	1747109	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 3107661	22622 4525041	64726 8984313	781813	1844628	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	+++++ 1766744	9401 2659260	28495 5673165	420977	1011216	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	+++++ 3158607	22380 4633458	63316 9347426	798644	1906693	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 83750

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2015 13:46 Calibration End Date: 01/23/2015 19:33 Calibration ID: 29647

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 3154185	21171 4577544	61842 9180274	790470	1837550	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	+++++ 4653707	32631 6678472	94796 12680233	1197759	2823204	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	+++++ 4121109	26188 5981774	77857 11470455	1044161	2450582	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2590022	17865 3815367	50915 8119465	630797	1480874	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2546555	17023 3800569	46844 8078799	618976	1455267	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	+++++ 2546572	11125 3800955	36551 7962000	573728	1464528	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	+++++ 1764023	+++++ 2396703	+++++ 3782980	456154	978820	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	+++++ 3616727	24519 5024445	72119 8663227	908070	2090103	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2449080	17462 3625648	48380 7799743	603096	1409342	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	+++++ 1666678	+++++ 2533343	+++++ 4567854	413470	684264	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 1960337	+++++ 3045904	24932 6991394	375865	867951	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	+++++ 1880351	11505 2888861	31504 6407793	410303	1025574	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	+++++ 3832988	+++++ 5894923	36764 12747834	893748	1477962	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1788571	9902 2819999	24704 6407494	352314	805227	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_005.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 23-Jan-2015 13:46:30 ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011767-005
Misc. Info.: ic
Operator ID: pad Instrument ID: CHW.i
Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2

Method: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jan-2015 10:25:32 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: daiglep Date: 26-Jan-2015 09:22:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.413	4.365	0.048	67	1452	0.0401	0.0779	
2 Dichlorodifluoromethane	85	4.494	4.456	0.038	94	2987	0.0401	0.0383	
6 Chlorodifluoromethane	51	4.552	4.520	0.032	8	758	0.0401	0.0201	
7 1,2-Dichloro-1,1,2,2-tetra	85	4.841	4.804	0.037	80	3280	0.0401	0.0406	
8 Chloromethane	50	5.018	4.996	0.022	1	213	0.0401	0.009330	
9 Butane	43	5.301	5.259	0.042	29	1396	0.0401	0.0374	
10 Vinyl chloride	62	5.349	5.317	0.032	86	1054	0.0401	0.0356	M
11 Butadiene	54	5.456	5.414	0.042	1	635	0.0401	0.0305	
12 Bromomethane	94	6.323	6.275	0.048	58	1337	0.0401	0.0372	
13 BFB									
14 Chloroethane	64	6.596	6.553	0.043	1	503	0.0401	0.0313	
15 2-Methylbutane	43	6.692	6.644	0.048	83	1069	0.0401	0.0403	
16 Vinyl bromide	106	7.067	7.035	0.032	59	1208	0.0401	0.0337	
17 Trichlorofluoromethane	101	7.195	7.152	0.043	37	2915	0.0401	0.0386	
18 Pentane	43	7.356	7.313	0.043	85	1522	0.0401	0.0398	
19 Ethanol	45	7.944	7.778	0.166	16	491	0.0802	0.0602	
21 Ethyl ether	59	8.019	7.901	0.118	31	260	0.0401	0.0153	
22 Acrolein	56		8.361				ND	ND	
23 1,1,2-Trichloro-1,2,2-trif	101	8.431	8.399	0.032	52	1953	0.0401	0.0303	
24 1,1-Dichloroethene	96	8.506	8.468	0.038	51	1082	0.0401	0.0342	
25 Acetone	43	8.821	8.704	0.117	91	10734	0.0401	0.3230	
26 Carbon disulfide	76	8.977	8.955	0.022	52	1133	0.0401	0.0144	
27 Isopropyl alcohol	45	9.191	9.009	0.182	74	5402	0.0401	0.2208	
29 3-Chloro-1-propene	41	9.394	9.351	0.043	29	957	0.0401	0.0367	
30 Acetonitrile	41	9.570	9.479	0.091	34	538	0.0401	0.0355	
31 Methylene Chloride	49	9.720	9.683	0.037	85	2606	0.0401	0.1012	
32 2-Methyl-2-propanol	59		9.881				ND	ND	
33 Methyl tert-butyl ether	73	10.244	10.116	0.128	50	2613	0.0401	0.0354	
34 trans-1,2-Dichloroethene	61	10.212	10.180	0.032	85	1124	0.0401	0.0318	
S 41 1,2-Dichloroethene, Total	61				0		0.0802	0.0598	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Acrylonitrile	53	10.378	10.325	0.053	47	278	0.0401	0.0156	
36 Hexane	57	10.630	10.592	0.038	85	1298	0.0401	0.0339	
37 1,1-Dichloroethane	63	11.165	11.143	0.022	8	1665	0.0401	0.0363	M
38 Vinyl acetate	43	11.245	11.181	0.064	98	1900	0.0401	0.0345	
39 cis-1,2-Dichloroethene	96	12.331	12.320	0.011	88	1004	0.0401	0.0280	
40 2-Butanone (MEK)	72	12.427	12.336	0.091	97	519	0.0401	0.0313	
42 Ethyl acetate	88		12.358				ND	ND	
* 43 Chlorobromomethane	128	12.818	12.802	0.016	74	282187	10.0	10.0	
44 Tetrahydrofuran	42	12.925	12.807	0.118	68	701	0.0401	0.0284	
45 Chloroform	83	12.935	12.914	0.021	92	1152	0.0401	0.0200	
46 Cyclohexane	84	13.240	13.208	0.032	65	385	0.0401	0.008703	
47 1,1,1-Trichloroethane	97	13.240	13.219	0.021	88	1802	0.0401	0.0296	
48 Carbon tetrachloride	117	13.492	13.476	0.016	90	2083	0.0401	0.0325	
51 Isooctane	57	13.872	13.866	0.006	86	3972	0.0401	0.0317	
50 Benzene	78	13.936	13.925	0.011	39	4253	0.0401	0.0439	
52 1,2-Dichloroethane	62		14.086				ND	ND	
53 n-Heptane	43	14.230	14.219	0.011	73	1169	0.0401	0.0296	
* 54 1,4-Difluorobenzene	114	14.701	14.685	0.016	92	1295441	10.0	10.0	
A 57 GRO	1	14.725	(6.634-22.816)		0	447746	0.0401	0	
55 n-Butanol	56	15.097	14.990	0.107	6	534	0.0401	0.0439	
56 Trichloroethene	95	15.166	15.155	0.011	94	1577	0.0401	0.0359	M
58 1,2-Dichloropropane	63		15.669				ND	ND	
59 Methyl methacrylate	69		15.755				ND	ND	
60 1,4-Dioxane	88	15.942	15.851	0.091	1	328	0.0401	0.0222	
61 Dibromomethane	174	15.931	15.915	0.016	88	2264	0.0401	0.0406	
62 Dichlorobromomethane	83	16.183	16.167	0.016	84	898	0.0401	0.0140	
A 63 TVOC as Toluene	92	16.589	(4.355-28.823)		0	754283	0.0401	9.03	
64 cis-1,3-Dichloropropene	75	17.039	17.028	0.011	82	1384	0.0401	0.0288	
65 4-Methyl-2-pentanone (MIBK	43	17.311	17.258	0.053	1	1432	0.0401	0.0278	
A 67 Toluene Range	92	17.595	(17.555-17.635)		0	13486	0.0401	0.1819	
66 Toluene	92	17.606	17.595	0.011	91	1635	0.0401	0.0221	
A 68 C8 Range	1	17.595	(17.545-17.645)		0	13486	NC	NC	
69 n-Octane	43	17.595	17.595	0.000	69	1623	0.0401	0.0297	
70 trans-1,3-Dichloropropene	75	18.135	18.130	0.005	83	772	0.0401	0.0160	
71 1,1,2-Trichloroethane	83		18.499				ND	ND	
72 Tetrachloroethene	166	18.633	18.638	-0.005	88	2518	0.0401	0.0326	M
73 2-Hexanone	43	18.911	18.884	0.027	12	248	0.0401	0.005318	
74 Chlorodibromomethane	129	19.259	19.253	0.006	90	2715	0.0401	0.0330	
75 Ethylene Dibromide	107	19.548	19.537	0.011	96	2229	0.0401	0.0329	
S 82 Xylenes, Total	106				0		0.1203	0.0887	
* 76 Chlorobenzene-d5	117	20.387	20.382	0.005	81	1149920	10.0	10.0	
77 Chlorobenzene	112	20.446	20.441	0.005	87	4002	0.0401	0.0361	
78 Ethylbenzene	91	20.553	20.553	0.000	93	5074	0.0401	0.0329	
79 n-Nonane	57	20.612	20.612	0.000	76	1980	0.0401	0.0336	
80 m-Xylene & p-Xylene	106	20.778	20.773	0.005	89	4318	0.0802	0.0620	
83 o-Xylene	106	21.500	21.490	0.010	93	1804	0.0401	0.0267	
84 Styrene	104	21.538	21.532	0.006	90	2513	0.0401	0.0243	
85 Bromoform	173	21.912	21.912	0.000	93	2538	0.0401	0.0273	
86 Isopropylbenzene	105	22.062	22.057	0.005	93	5327	0.0401	0.0288	
$ 87 4-Bromofluorobenzene	95	22.399	22.399	0.000	97	661194	NC	NC	
88 1,1,2,2-Tetrachloroethane	83	22.629	22.624	0.005	96	3050	0.0401	0.0339	
90 N-Propylbenzene	91	22.699	22.693	0.006	99	6434	0.0401	0.0304	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	22.720	22.720	0.000	51	2181	0.0401	0.0328	
93 n-Decane	57	22.806	22.806	0.000	77	1974	0.0401	0.0250	
91 4-Ethyltoluene	105	22.870	22.859	0.011	97	5461	0.0401	0.0288	
92 2-Chlorotoluene	91	22.891	22.897	-0.005	93	4458	0.0401	0.0297	
94 1,3,5-Trimethylbenzene	105	22.961	22.950	0.011	95	4350	0.0401	0.0279	
95 Alpha Methyl Styrene	118	23.303	23.303	0.000	88	1957	0.0401	0.0233	
96 tert-Butylbenzene	119	23.426	23.426	0.000	95	4356	0.0401	0.0275	
97 1,2,4-Trimethylbenzene	105	23.517	23.522	-0.005	94	4587	0.0401	0.0295	
98 sec-Butylbenzene	105	23.758	23.758	0.000	98	6643	0.0401	0.0287	
99 4-Isopropyltoluene	119	23.961	23.961	0.000	93	4803	0.0401	0.0239	
100 1,3-Dichlorobenzene	146	24.036	24.031	0.005	95	4106	0.0401	0.0319	
101 1,4-Dichlorobenzene	146	24.175	24.175	0.000	95	4001	0.0401	0.0319	
102 Benzyl chloride	91	24.384	24.384	0.000	95	2617	0.0401	0.0225	
104 Undecane	57	24.571	24.571	0.000	72	1872	0.0401	0.0211	
103 n-Butylbenzene	91	24.598	24.592	0.006	94	4551	0.0401	0.0263	
105 1,2-Dichlorobenzene	146	24.774	24.780	-0.006	96	3928	0.0401	0.0320	
106 Dodecane	57	26.368	26.368	0.000	91	1438	0.0401	0.0172	
107 1,2,4-Trichlorobenzene	180	27.668	27.663	0.005	87	2191	0.0401	0.0236	
108 Hexachlorobutadiene	225	27.861	27.861	0.000	88	2611	0.0401	0.0289	
109 Naphthalene	128	28.235	28.246	-0.011	95	3651	0.0401	0.0207	
110 1,2,3-Trichlorobenzene	180	28.819	28.813	0.006	58	2195	0.0401	0.0271	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00126	Amount Added: 40.00	Units: mL	
ATTO15WISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

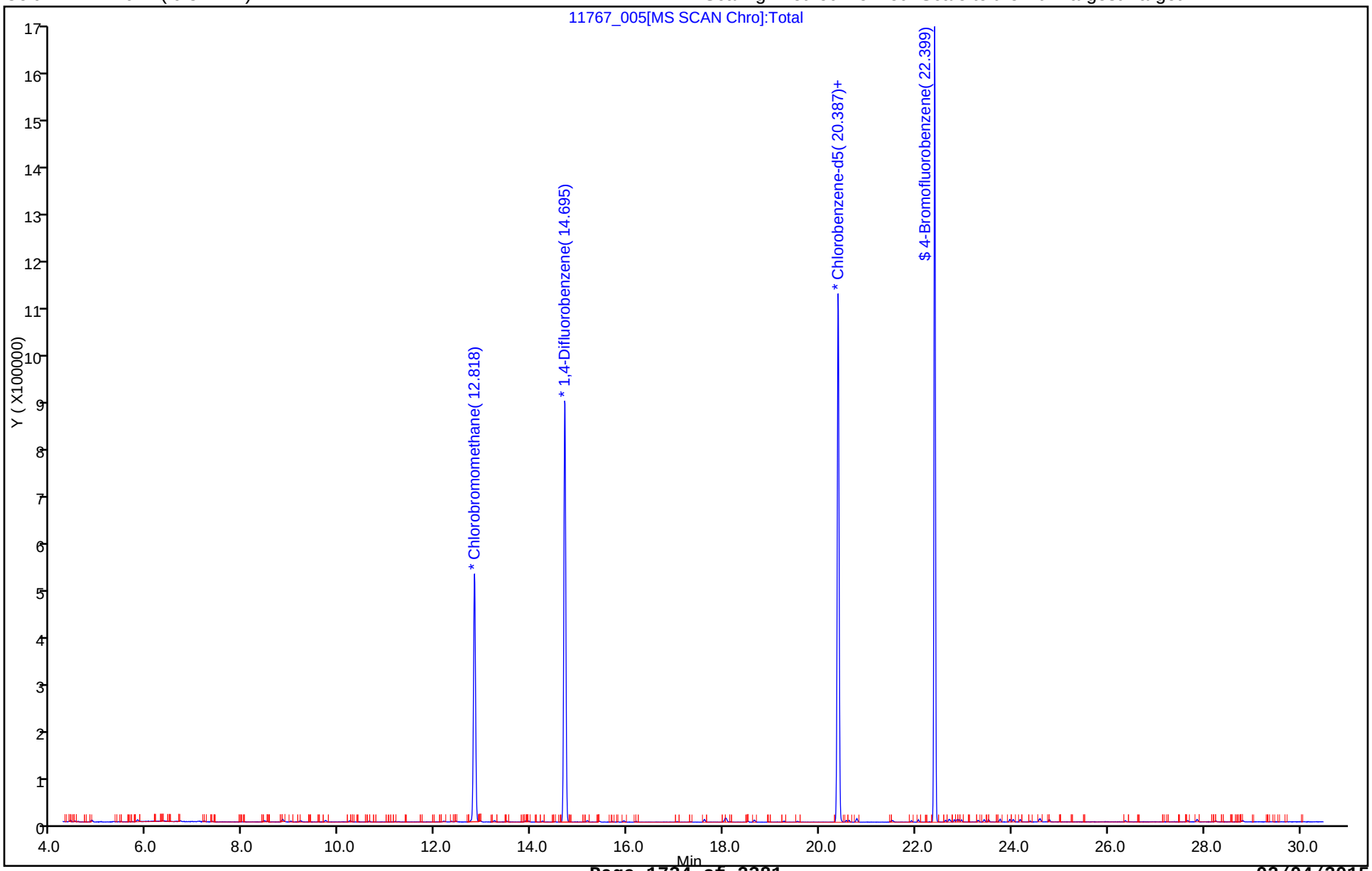
Report Date: 26-Jan-2015 10:25:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_005.d

Injection Date:	23-Jan-2015 13:46:30	Instrument ID:	CHW.i	Operator ID:	pad
Lims ID:	IC			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

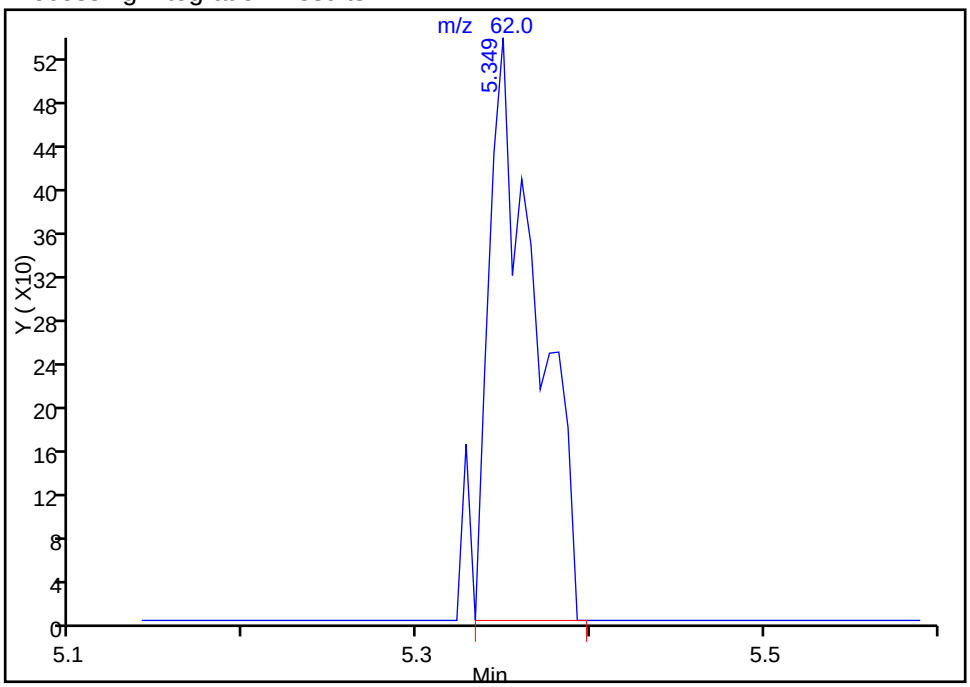
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_005.d				
Injection Date:	23-Jan-2015 13:46:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	pad	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

10 Vinyl chloride, CAS: 75-01-4

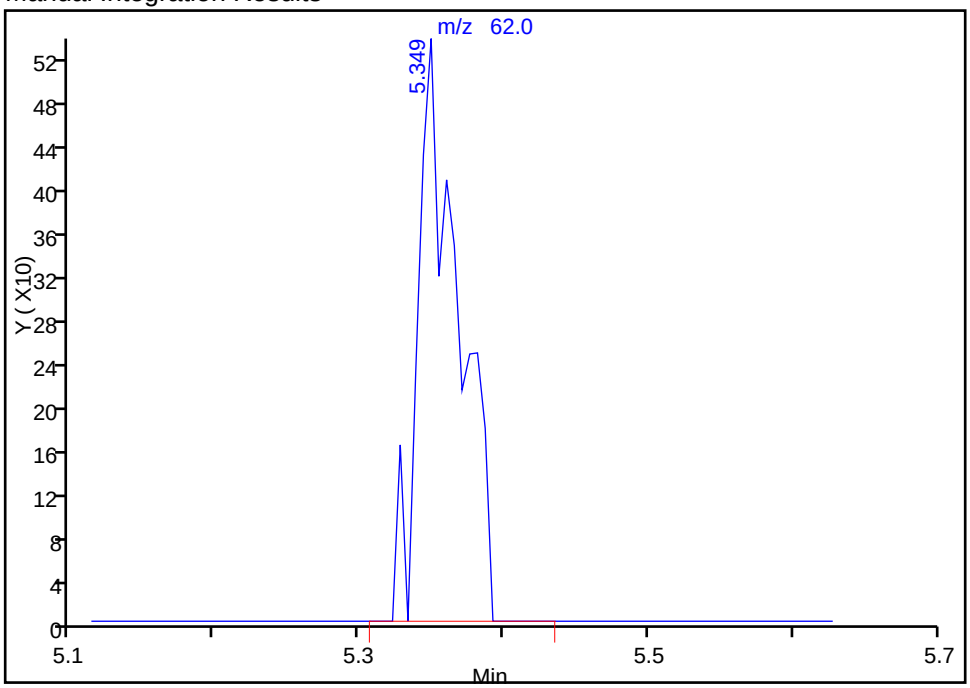
Processing Integration Results

RT: 5.35
Area: 1002
Amount: 0.034015
Amount Units: ppb v/v



Manual Integration Results

RT: 5.35
Area: 1054
Amount: 0.035584
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:22:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

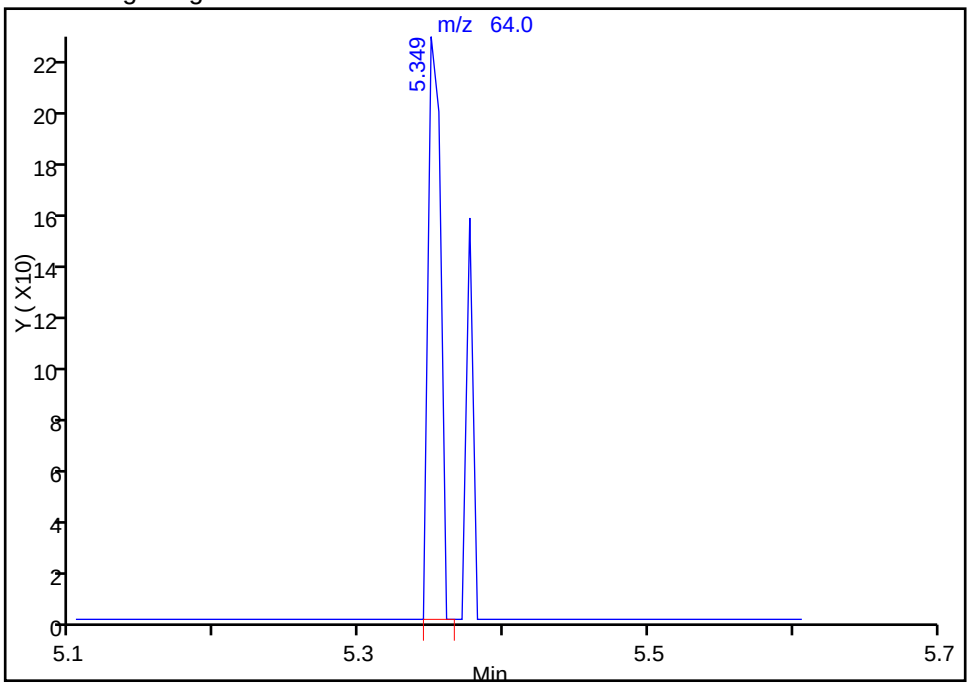
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_005.d
Injection Date: 23-Jan-2015 13:46:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

10 Vinyl chloride, CAS: 75-01-4

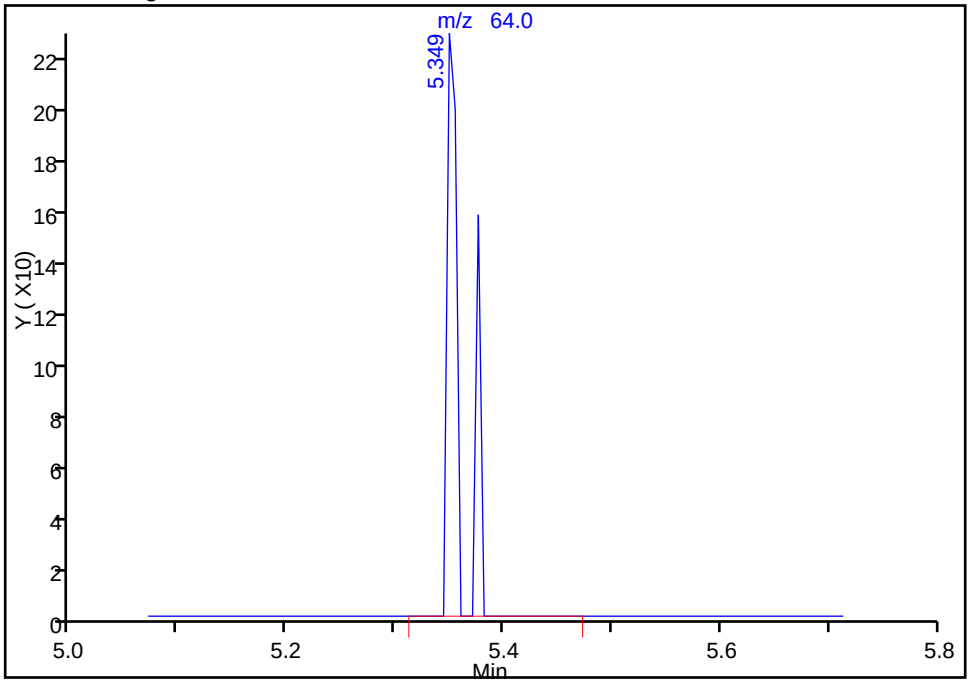
Processing Integration Results

RT: 5.35
Area: 135
Amount: 0.034015
Amount Units: ppb v/v



Manual Integration Results

RT: 5.35
Area: 185
Amount: 0.035584
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:22:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

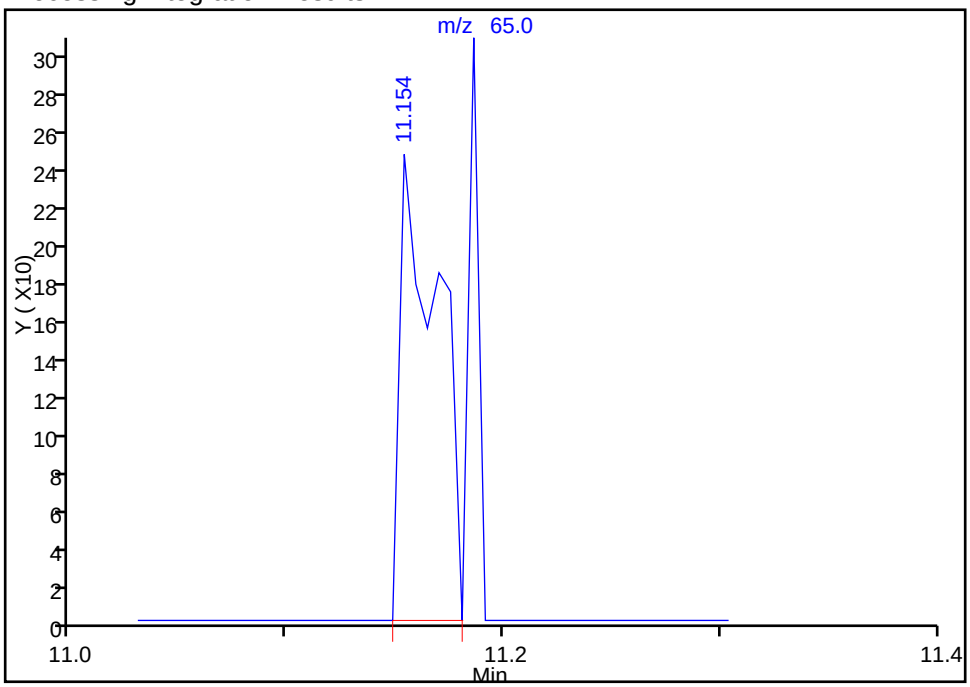
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_005.d
Injection Date: 23-Jan-2015 13:46:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3

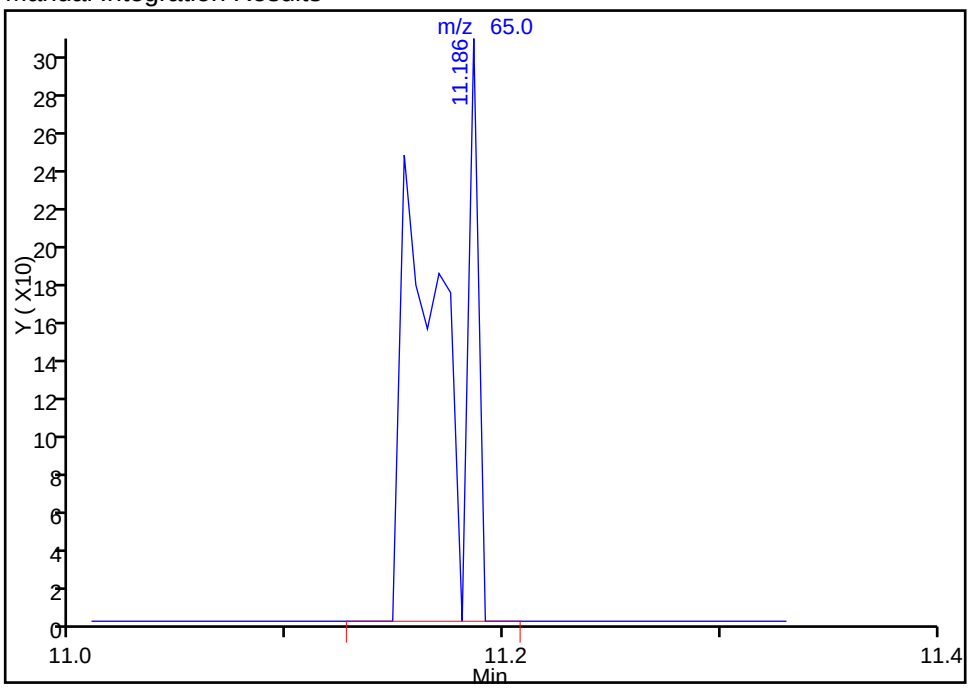
Processing Integration Results

RT: 11.15
Area: 298
Amount: 0.036253
Amount Units: ppb v/v



Manual Integration Results

RT: 11.19
Area: 395
Amount: 0.036253
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:22:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

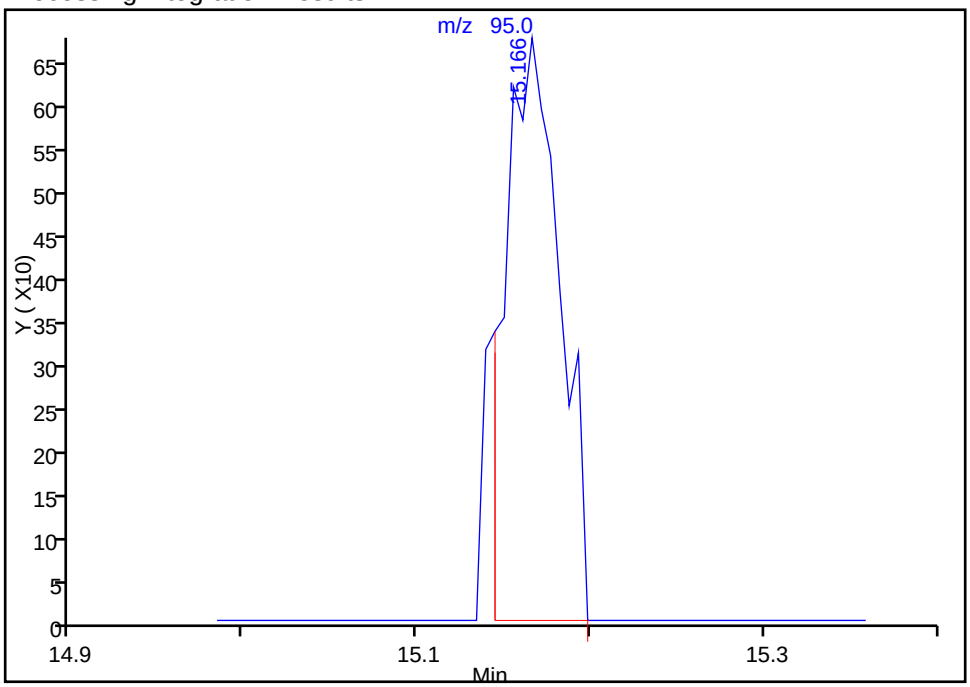
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_005.d
Injection Date: 23-Jan-2015 13:46:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

56 Trichloroethene, CAS: 79-01-6

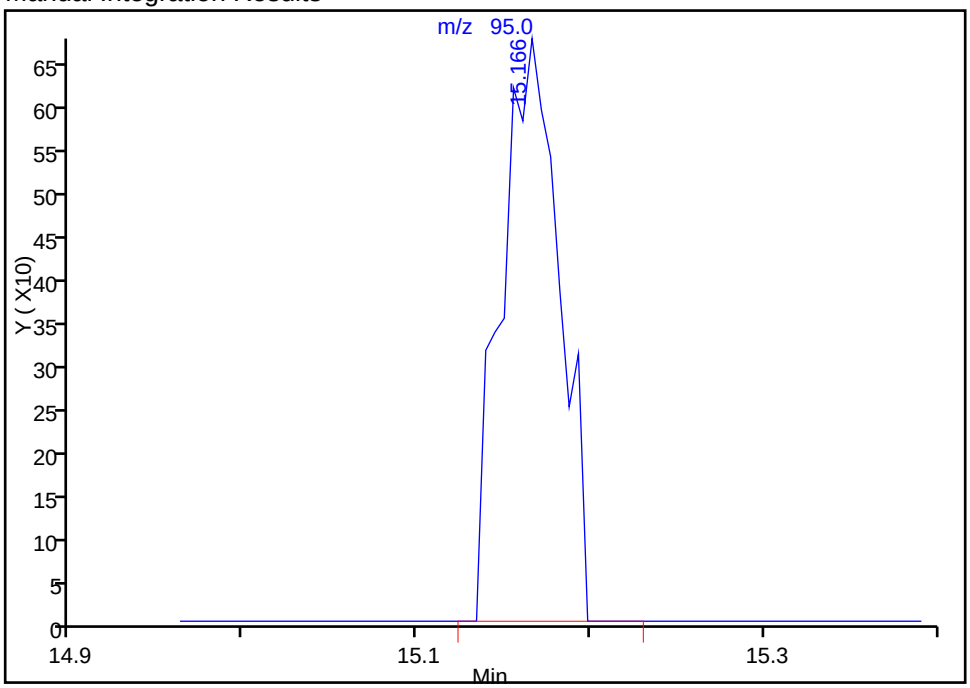
Processing Integration Results

RT: 15.17
Area: 1477
Amount: 0.034876
Amount Units: ppb v/v



Manual Integration Results

RT: 15.17
Area: 1577
Amount: 0.035899
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:22:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

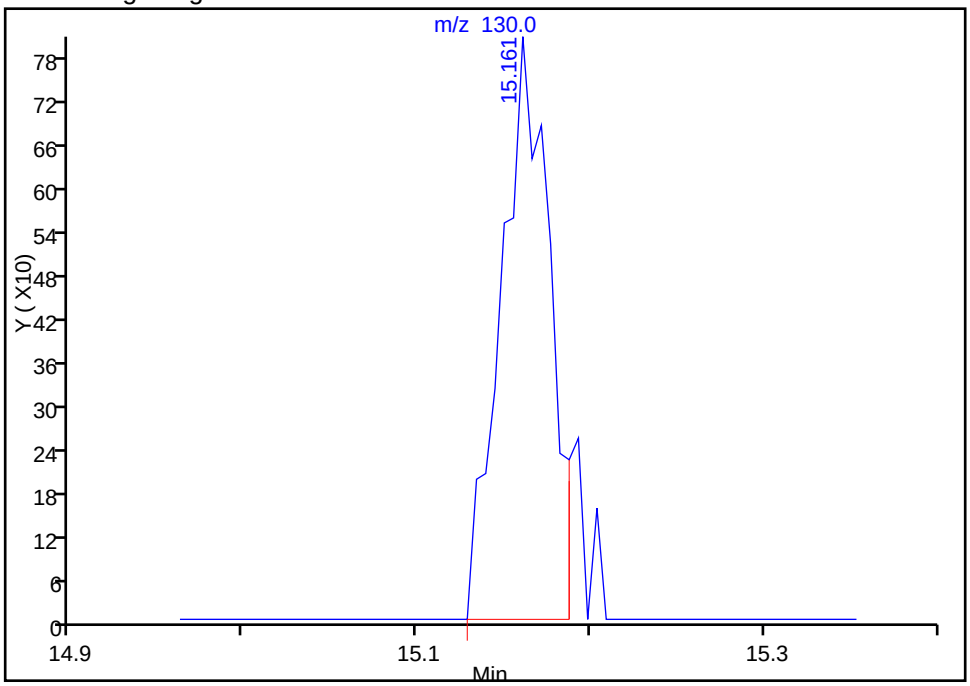
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_005.d
Injection Date: 23-Jan-2015 13:46:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

56 Trichloroethene, CAS: 79-01-6

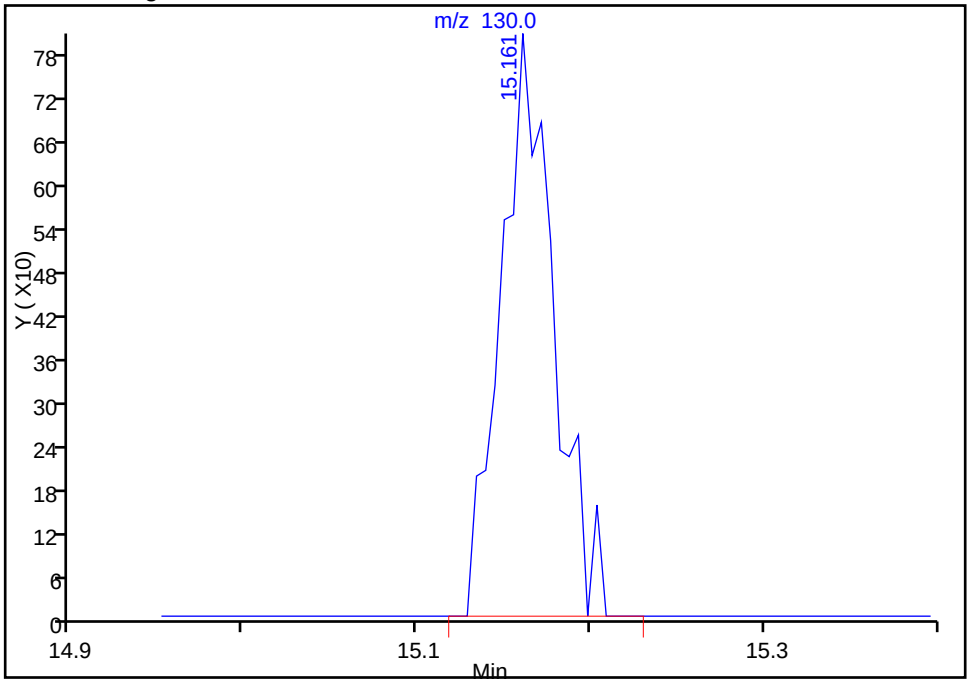
Processing Integration Results

RT: 15.16
Area: 1579
Amount: 0.034876
Amount Units: ppb v/v



Manual Integration Results

RT: 15.16
Area: 1709
Amount: 0.035899
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:22:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

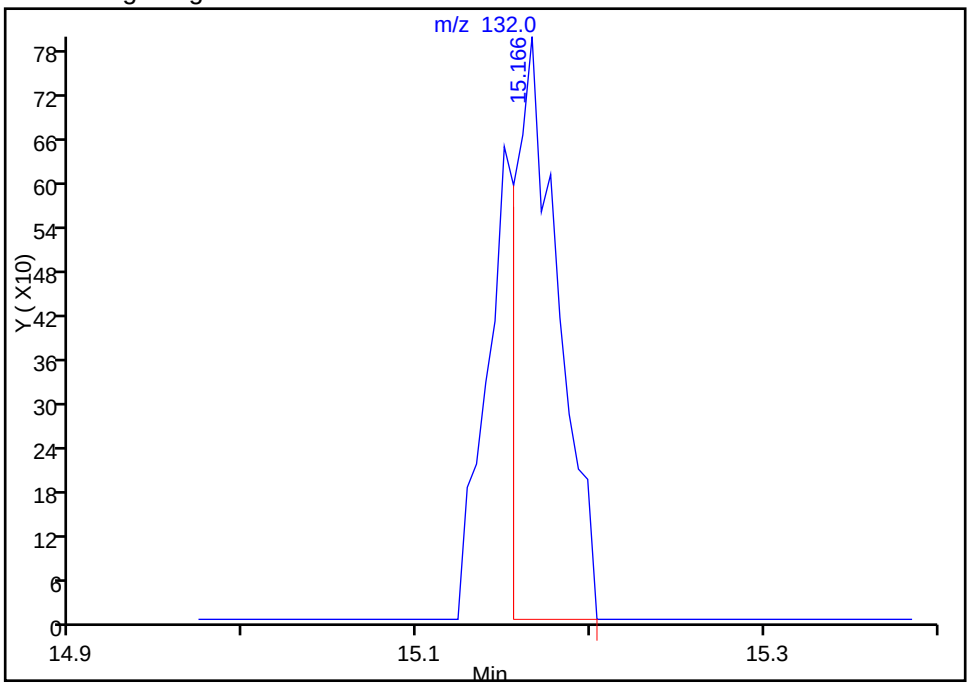
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_005.d				
Injection Date:	23-Jan-2015 13:46:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	pad	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

56 Trichloroethene, CAS: 79-01-6

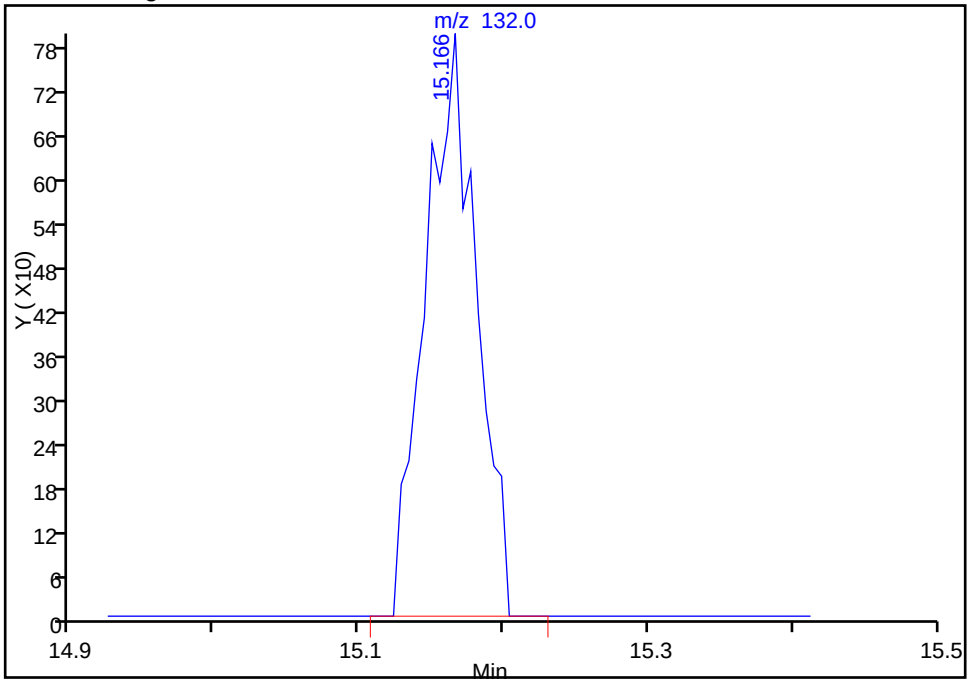
Processing Integration Results

RT: 15.17
Area: 1380
Amount: 0.034876
Amount Units: ppb v/v



Manual Integration Results

RT: 15.17
Area: 1947
Amount: 0.035899
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:22:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

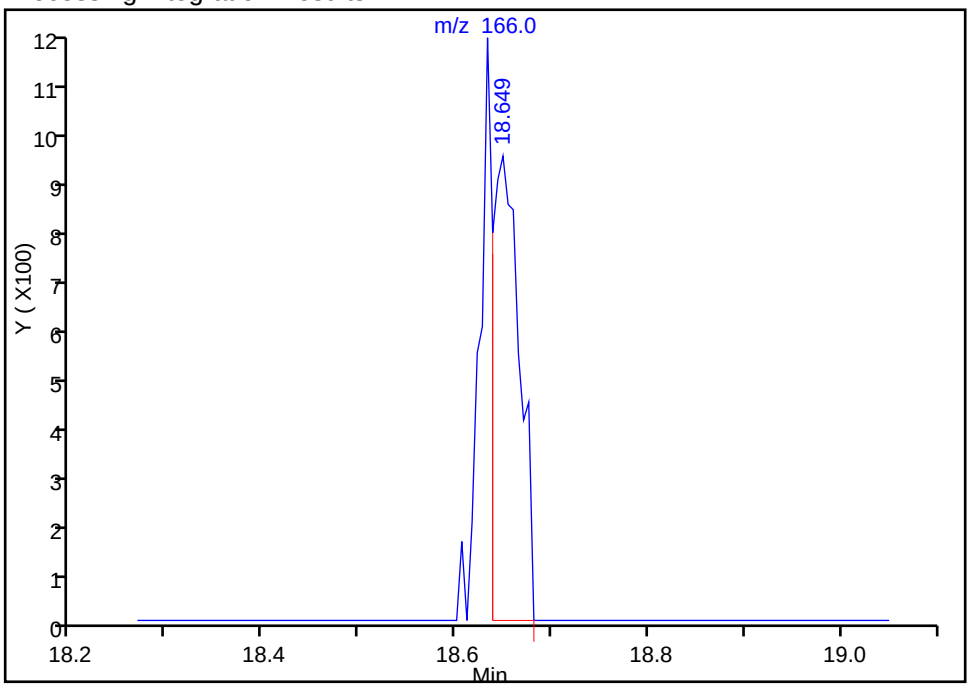
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_005.d
Injection Date: 23-Jan-2015 13:46:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

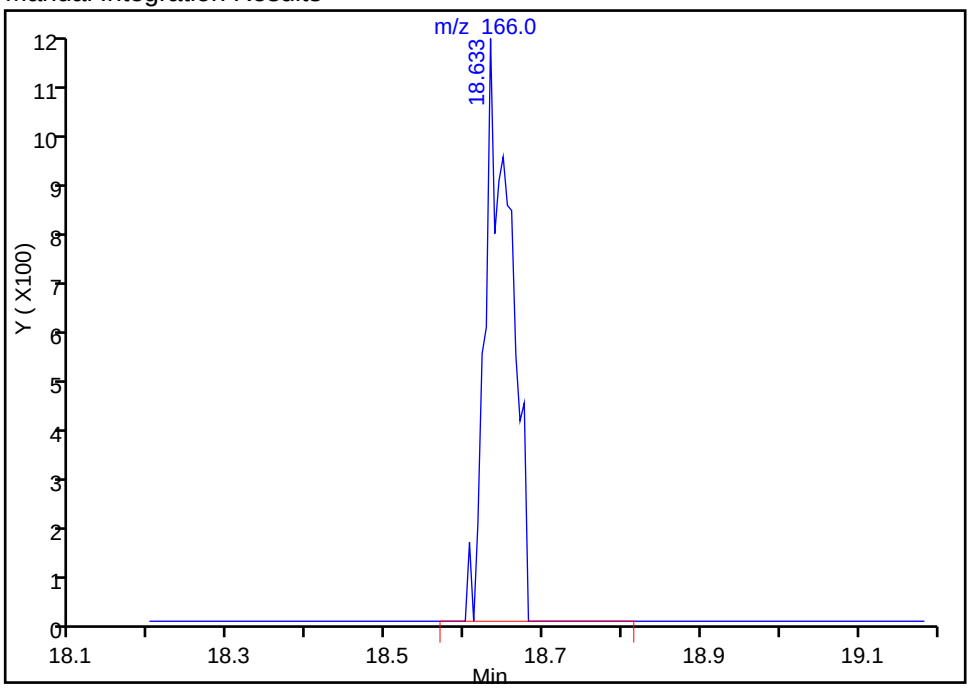
Processing Integration Results

RT: 18.65
Area: 1712
Amount: 0.022909
Amount Units: ppb v/v



Manual Integration Results

RT: 18.63
Area: 2518
Amount: 0.032599
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:22:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

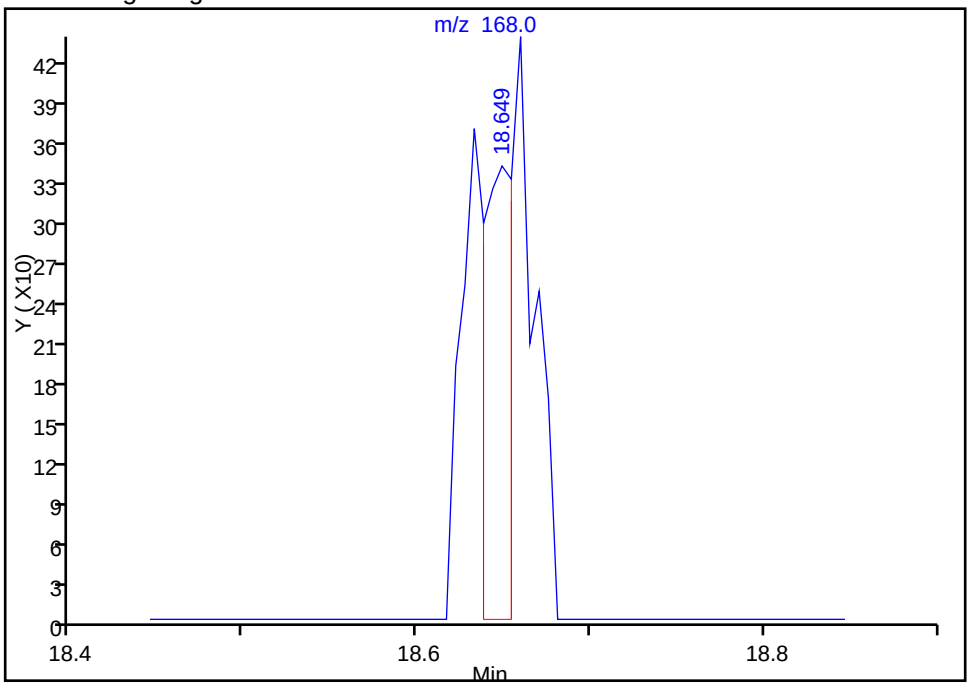
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_005.d
Injection Date: 23-Jan-2015 13:46:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

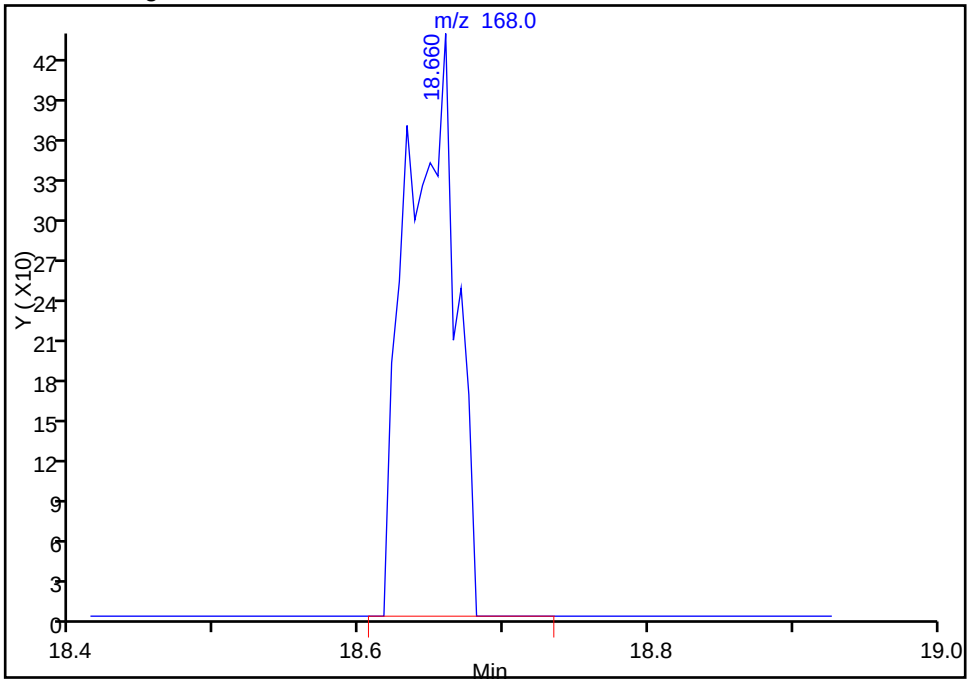
Processing Integration Results

RT: 18.65
Area: 414
Amount: 0.022909
Amount Units: ppb v/v



Manual Integration Results

RT: 18.66
Area: 1013
Amount: 0.032599
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:22:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

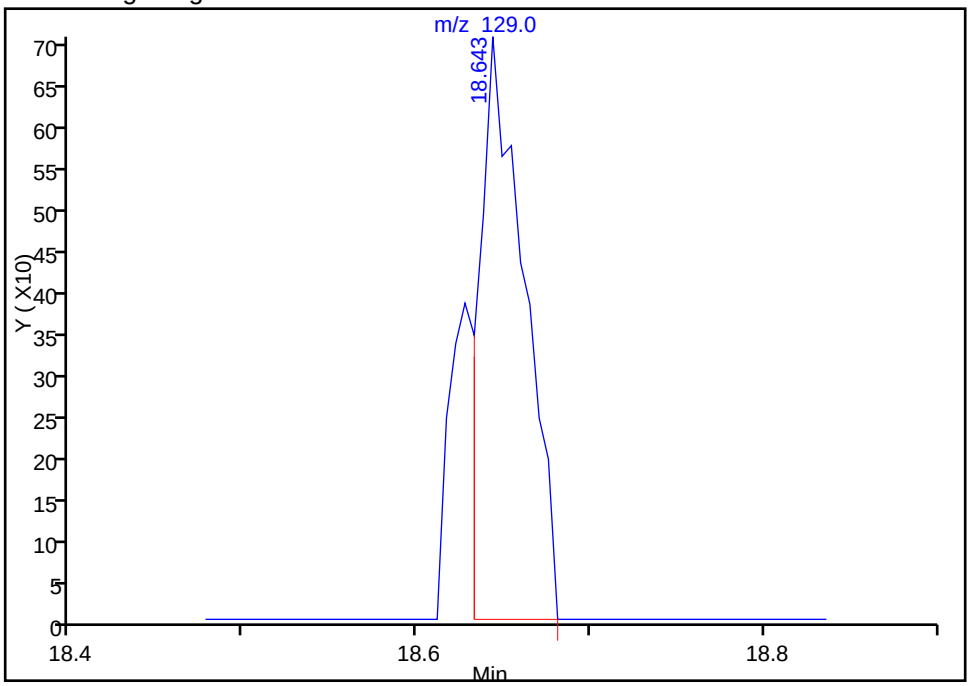
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_005.d
Injection Date: 23-Jan-2015 13:46:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

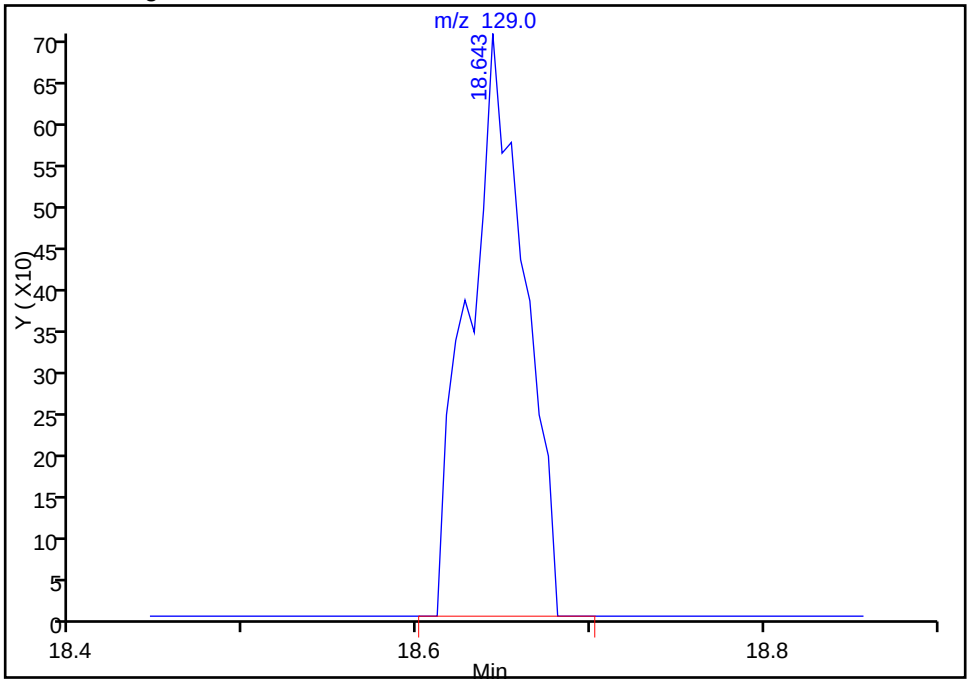
Processing Integration Results

RT: 18.64
Area: 1261
Amount: 0.022909
Amount Units: ppb v/v



Manual Integration Results

RT: 18.64
Area: 1570
Amount: 0.032599
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:22:15
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Jan-2015 14:36:30 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011767-006
Misc. Info.: ic
Operator ID: pad Instrument ID: CHW.i
Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2

Method: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jan-2015 10:25:34 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: daiglep Date: 26-Jan-2015 09:28:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.381	4.365	0.016	94	4539	0.2004	0.2518	
2 Dichlorodifluoromethane	85	4.472	4.456	0.016	99	13616	0.2004	0.1804	M
6 Chlorodifluoromethane	51	4.542	4.520	0.022	96	6636	0.2004	0.1822	
7 1,2-Dichloro-1,1,2,2-tetra	85	4.831	4.804	0.027	86	14267	0.2004	0.1829	
8 Chloromethane	50	5.023	4.996	0.027	95	4804	0.2004	0.2177	
9 Butane	43	5.285	5.259	0.026	96	6729	0.2004	0.1863	M
10 Vinyl chloride	62	5.339	5.317	0.022	94	5168	0.2004	0.1805	
11 Butadiene	54	5.441	5.414	0.027	90	3320	0.2004	0.1651	
12 Bromomethane	94	6.297	6.275	0.022	98	6681	0.2004	0.1923	
13 BFB									
14 Chloroethane	64	6.580	6.553	0.027	38	2627	0.2004	0.1692	
15 2-Methylbutane	43	6.671	6.644	0.027	89	5035	0.2004	0.1965	M
16 Vinyl bromide	106	7.051	7.035	0.016	97	6157	0.2004	0.1776	
17 Trichlorofluoromethane	101	7.179	7.152	0.027	53	13375	0.2004	0.1833	M
18 Pentane	43	7.345	7.313	0.032	94	6946	0.2004	0.1879	
19 Ethanol	45	7.880	7.778	0.102	65	1723	0.4009	0.2185	
21 Ethyl ether	59	7.987	7.901	0.086	87	2704	0.2004	0.1642	M
22 Acrolein	56	8.426	8.361	0.065	80	2046	0.2004	0.2583	
23 1,1,2-Trichloro-1,2,2-trif	101	8.410	8.399	0.011	93	11075	0.2004	0.1779	
24 1,1-Dichloroethene	96	8.495	8.468	0.027	88	5455	0.2004	0.1782	
25 Acetone	43	8.779	8.704	0.075	90	24632	0.2004	0.7669	
26 Carbon disulfide	76	8.971	8.955	0.016	96	14885	0.2004	0.1957	
27 Isopropyl alcohol	45	9.116	9.009	0.107	97	8654	0.2004	0.3660	
29 3-Chloro-1-propene	41	9.373	9.351	0.022	88	4684	0.2004	0.1857	
30 Acetonitrile	41	9.544	9.479	0.065	97	3232	0.2004	0.2208	M
31 Methylene Chloride	49	9.699	9.683	0.016	79	6290	0.2004	0.2527	
32 2-Methyl-2-propanol	59	9.999	9.881	0.118	97	5039	0.2004	0.1411	
33 Methyl tert-butyl ether	73	10.202	10.116	0.086	97	12434	0.2004	0.1744	
34 trans-1,2-Dichloroethene	61	10.191	10.180	0.011	82	6060	0.2004	0.1776	M
S 41 1,2-Dichloroethene, Total	61				0		0.4009	0.3493	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Acrylonitrile	53	10.368	10.325	0.043	98	3042	0.2004	0.1772	
36 Hexane	57	10.608	10.592	0.016	89	6428	0.2004	0.1739	
37 1,1-Dichloroethane	63	11.159	11.143	0.016	99	8048	0.2004	0.1813	
38 Vinyl acetate	43	11.218	11.181	0.037	98	8558	0.2004	0.1608	
39 cis-1,2-Dichloroethene	96	12.331	12.320	0.011	88	5959	0.2004	0.1718	
40 2-Butanone (MEK)	72	12.390	12.336	0.054	97	3251	0.2004	0.2029	
42 Ethyl acetate	88	12.406	12.358	0.048	93	236	0.2004	0.0865	
* 43 Chlorobromomethane	128	12.807	12.802	0.005	74	272741	10.0	10.0	
44 Tetrahydrofuran	42	12.893	12.807	0.086	84	3801	0.2004	0.1564	
45 Chloroform	83	12.925	12.914	0.011	98	9996	0.2004	0.1794	
46 Cyclohexane	84	13.219	13.208	0.011	74	6464	0.2004	0.1486	M
47 1,1,1-Trichloroethane	97	13.230	13.219	0.011	96	10012	0.2004	0.1671	M
48 Carbon tetrachloride	117	13.487	13.476	0.011	97	10405	0.2004	0.1650	
51 Isooctane	57	13.882	13.866	0.016	98	19257	0.2004	0.1564	
50 Benzene	78	13.941	13.925	0.016	93	16487	0.2004	0.1729	M
52 1,2-Dichloroethane	62	14.091	14.086	0.005	95	5156	0.2004	0.1720	
53 n-Heptane	43	14.236	14.219	0.017	64	6045	0.2004	0.1554	M
* 54 1,4-Difluorobenzene	114	14.690	14.685	0.005	91	1273784	10.0	10.0	
A 57 GRO	1	14.725	(6.634-22.816)		0	1949554	0.2004	0	
55 n-Butanol	56	15.070	14.990	0.080	84	2164	0.2004	0.1810	M
56 Trichloroethene	95	15.161	15.155	0.006	93	7364	0.2004	0.1705	M
58 1,2-Dichloropropane	63	15.675	15.669	0.006	93	5270	0.2004	0.1661	
59 Methyl methacrylate	69	15.782	15.755	0.027	80	4156	0.2004	0.1301	
60 1,4-Dioxane	88	15.910	15.851	0.059	39	2077	0.2004	0.1431	
61 Dibromomethane	174	15.915	15.915	0.000	86	8901	0.2004	0.1623	
62 Dichlorobromomethane	83	16.167	16.167	0.000	97	9826	0.2004	0.1561	M
A 63 TVOC as Toluene	92	16.589	(4.355-28.823)		0	3184630	0.2004	38.8	
64 cis-1,3-Dichloropropene	75	17.023	17.028	-0.005	75	6846	0.2004	0.1447	M
65 4-Methyl-2-pentanone (MIBK	43	17.296	17.258	0.038	91	6573	0.2004	0.1297	
A 67 Toluene Range	92	17.595	(17.555-17.635)		0	74257	0.2004	1.01	
66 Toluene	92	17.600	17.595	0.005	93	11680	0.2004	0.1589	
A 68 C8 Range	1	17.595	(17.545-17.645)		0	74257	NC	NC	
69 n-Octane	43	17.606	17.595	0.011	73	8149	0.2004	0.1518	
70 trans-1,3-Dichloropropene	75	18.130	18.130	0.000	50	6512	0.2004	0.1371	M
71 1,1,2-Trichloroethane	83	18.499	18.499	0.000	93	5364	0.2004	0.1605	M
72 Tetrachloroethene	166	18.649	18.638	0.011	93	12757	0.2004	0.1665	
73 2-Hexanone	43	18.922	18.884	0.038	87	5954	0.2004	0.1287	
74 Chlorodibromomethane	129	19.264	19.253	0.011	97	11834	0.2004	0.1452	
75 Ethylene Dibromide	107	19.542	19.537	0.005	98	10115	0.2004	0.1507	
S 82 Xylenes, Total	106				0		0.6013	0.4268	
* 76 Chlorobenzene-d5	117	20.388	20.382	0.006	81	1140292	10.0	10.0	
77 Chlorobenzene	112	20.447	20.441	0.006	93	18533	0.2004	0.1686	
78 Ethylbenzene	91	20.559	20.553	0.006	96	24057	0.2004	0.1575	
79 n-Nonane	57	20.612	20.612	0.000	81	8754	0.2004	0.1499	
80 m-Xylene & p-Xylene	106	20.778	20.773	0.005	97	20376	0.4009	0.2950	
83 o-Xylene	106	21.490	21.490	0.000	93	8832	0.2004	0.1318	
84 Styrene	104	21.533	21.532	0.001	97	12738	0.2004	0.1244	
85 Bromoform	173	21.918	21.912	0.006	97	11776	0.2004	0.1276	
86 Isopropylbenzene	105	22.057	22.057	0.000	94	25723	0.2004	0.1402	
$ 87 4-Bromofluorobenzene	95	22.399	22.399	0.000	97	664285	NC	NC	
88 1,1,2,2-Tetrachloroethane	83	22.624	22.624	0.000	97	14363	0.2004	0.1610	
90 N-Propylbenzene	91	22.693	22.693	0.000	99	30946	0.2004	0.1475	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	22.720	22.720	0.000	95	10595	0.2004	0.1608	
93 n-Decane	57	22.811	22.806	0.005	84	10699	0.2004	0.1365	
91 4-Ethyltoluene	105	22.859	22.859	0.000	97	27911	0.2004	0.1486	M
92 2-Chlorotoluene	91	22.891	22.897	-0.005	94	23621	0.2004	0.1588	
94 1,3,5-Trimethylbenzene	105	22.956	22.950	0.006	94	22622	0.2004	0.1463	
95 Alpha Methyl Styrene	118	23.303	23.303	0.000	93	9401	0.2004	0.1127	
96 tert-Butylbenzene	119	23.432	23.426	0.006	97	22380	0.2004	0.1424	
97 1,2,4-Trimethylbenzene	105	23.523	23.522	0.001	95	21171	0.2004	0.1375	
98 sec-Butylbenzene	105	23.758	23.758	0.000	99	32631	0.2004	0.1423	
99 4-Isopropyltoluene	119	23.961	23.961	0.000	97	26188	0.2004	0.1316	
100 1,3-Dichlorobenzene	146	24.036	24.031	0.005	99	17865	0.2004	0.1401	
101 1,4-Dichlorobenzene	146	24.175	24.175	0.000	96	17023	0.2004	0.1368	
102 Benzyl chloride	91	24.389	24.384	0.005	98	11125	0.2004	0.0963	
104 Undecane	57	24.577	24.571	0.005	90	10314	0.2004	0.1175	
103 n-Butylbenzene	91	24.598	24.592	0.006	96	24519	0.2004	0.1431	
105 1,2-Dichlorobenzene	146	24.780	24.780	0.000	98	17462	0.2004	0.1434	
106 Dodecane	57	26.369	26.368	0.001	89	7284	0.2004	0.0880	
107 1,2,4-Trichlorobenzene	180	27.663	27.663	0.000	92	9603	0.2004	0.1044	
108 Hexachlorobutadiene	225	27.867	27.861	0.006	91	11505	0.2004	0.1286	
109 Naphthalene	128	28.241	28.246	-0.005	99	15542	0.2004	0.0889	
110 1,2,3-Trichlorobenzene	180	28.813	28.813	0.000	95	9902	0.2004	0.1233	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

ATTO15CAL1w_00126	Amount Added: 200.00	Units: mL	
ATTO15WISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

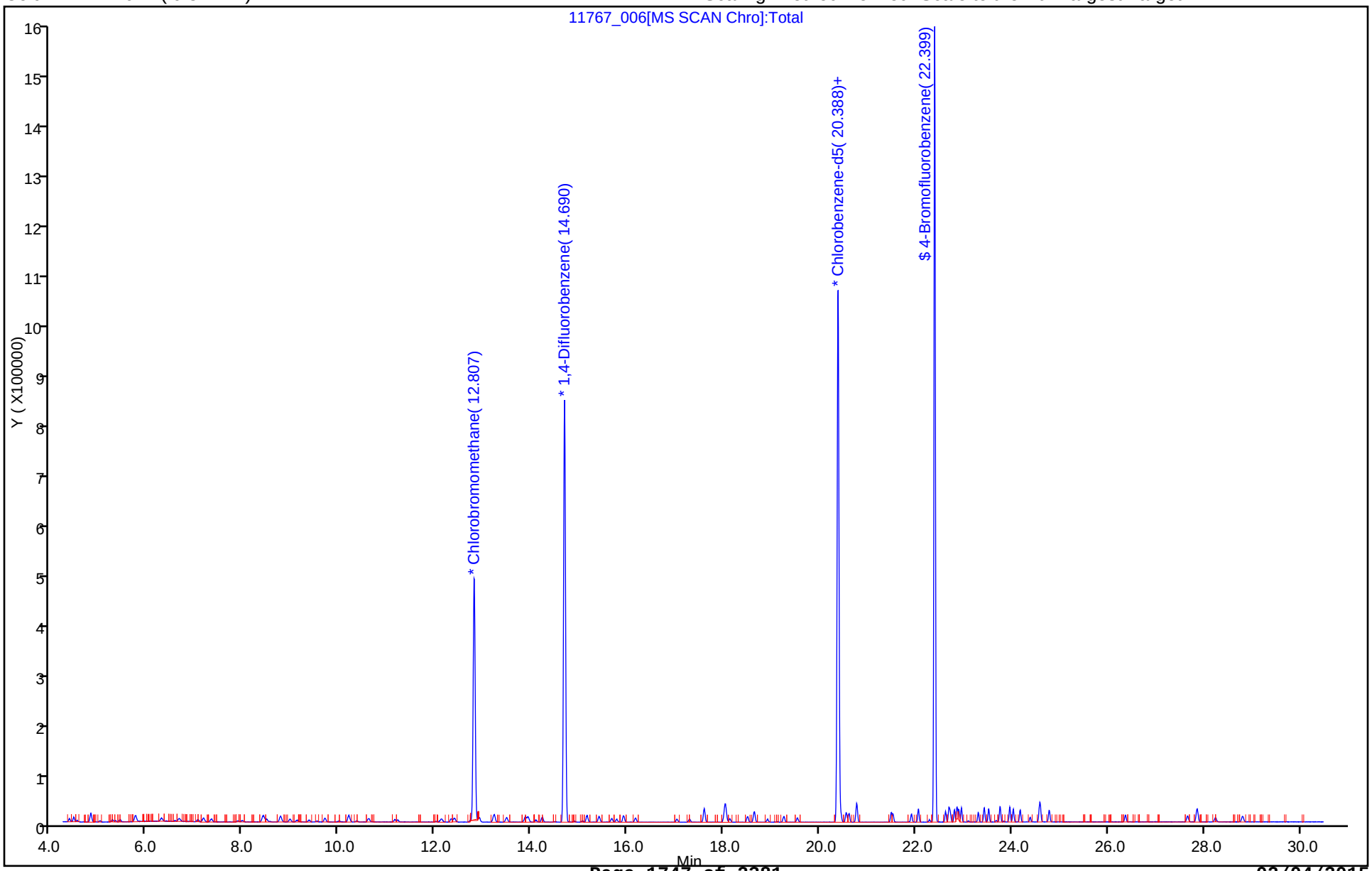
Report Date: 26-Jan-2015 10:25:35 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d

Injection Date:	23-Jan-2015 14:36:30	Instrument ID:	CHW.i	Operator ID:	pad
Lims ID:	IC			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

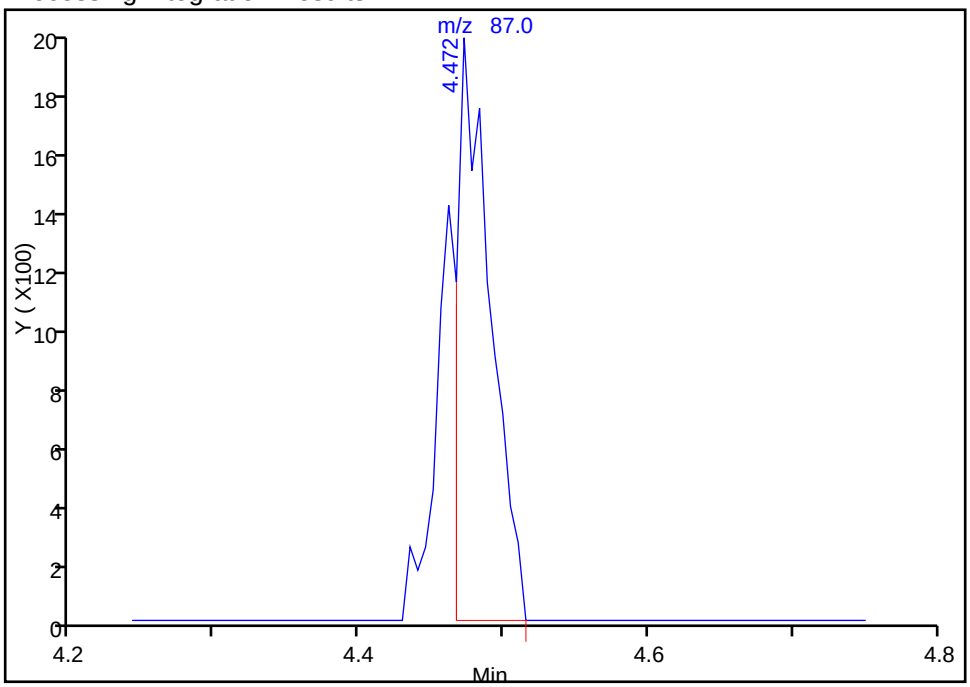
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

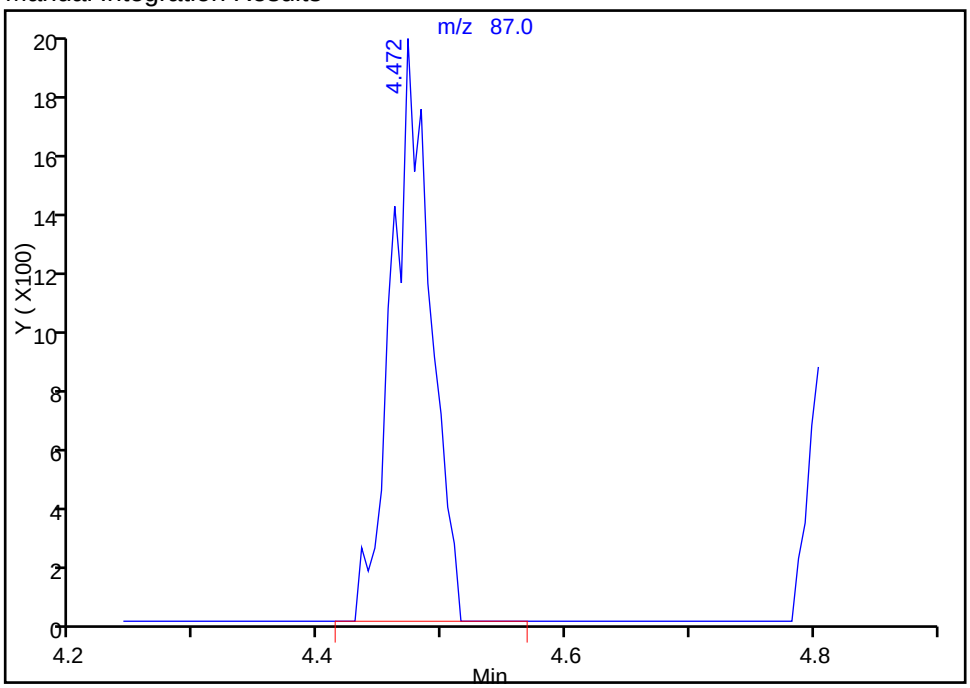
Processing Integration Results

RT: 4.47
Area: 3098
Amount: 0.180408
Amount Units: ppb v/v



Manual Integration Results

RT: 4.47
Area: 4232
Amount: 0.180408
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

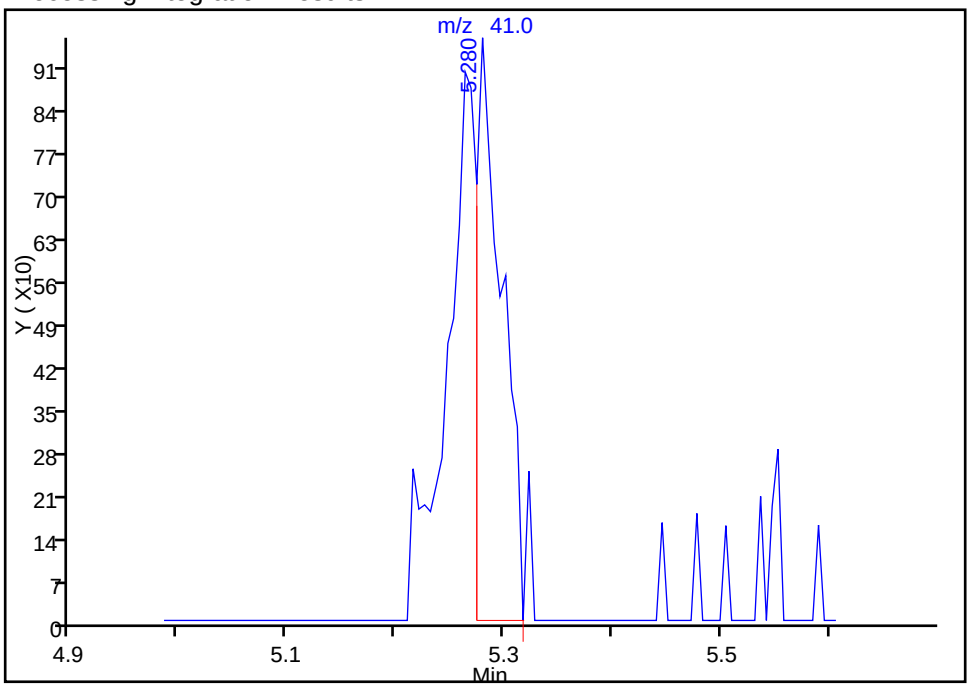
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

9 Butane, CAS: 106-97-8

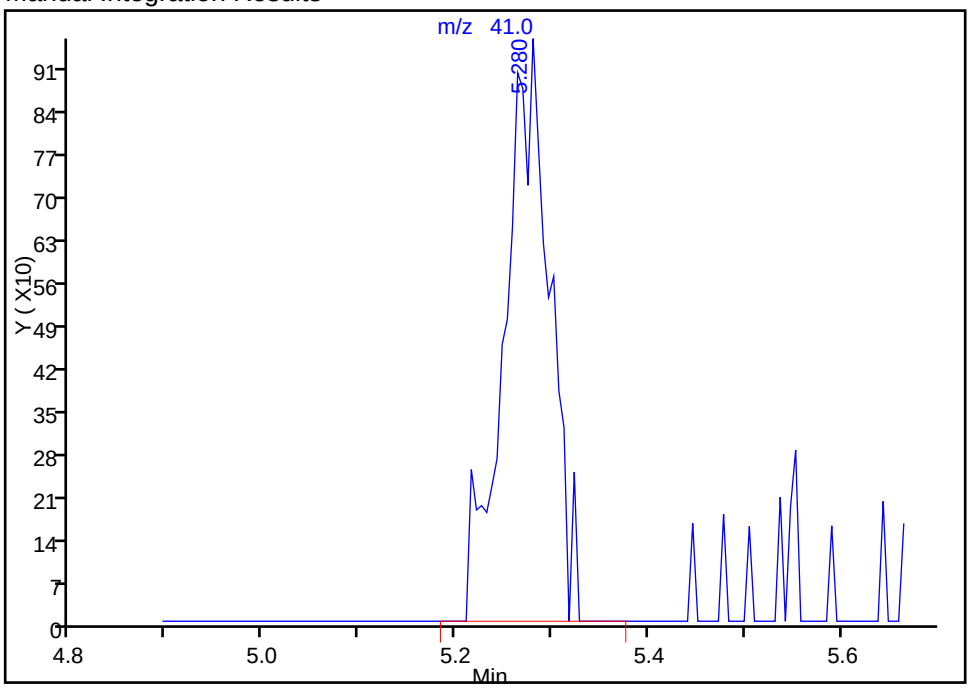
Processing Integration Results

RT: 5.28
Area: 1558
Amount: 0.189569
Amount Units: ppb v/v



Manual Integration Results

RT: 5.28
Area: 3128
Amount: 0.186277
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

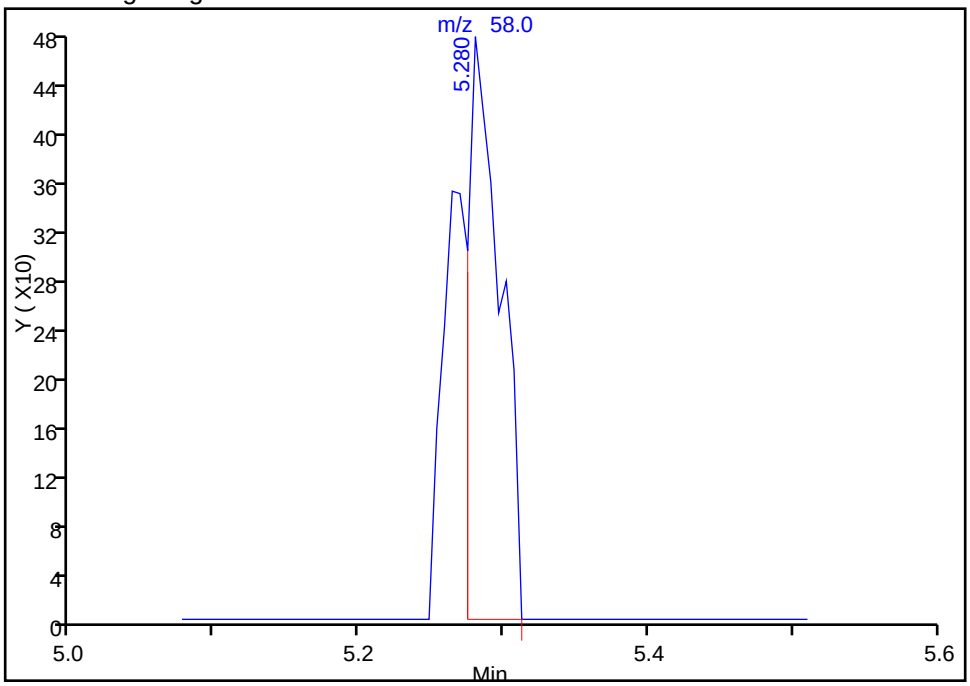
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

9 Butane, CAS: 106-97-8

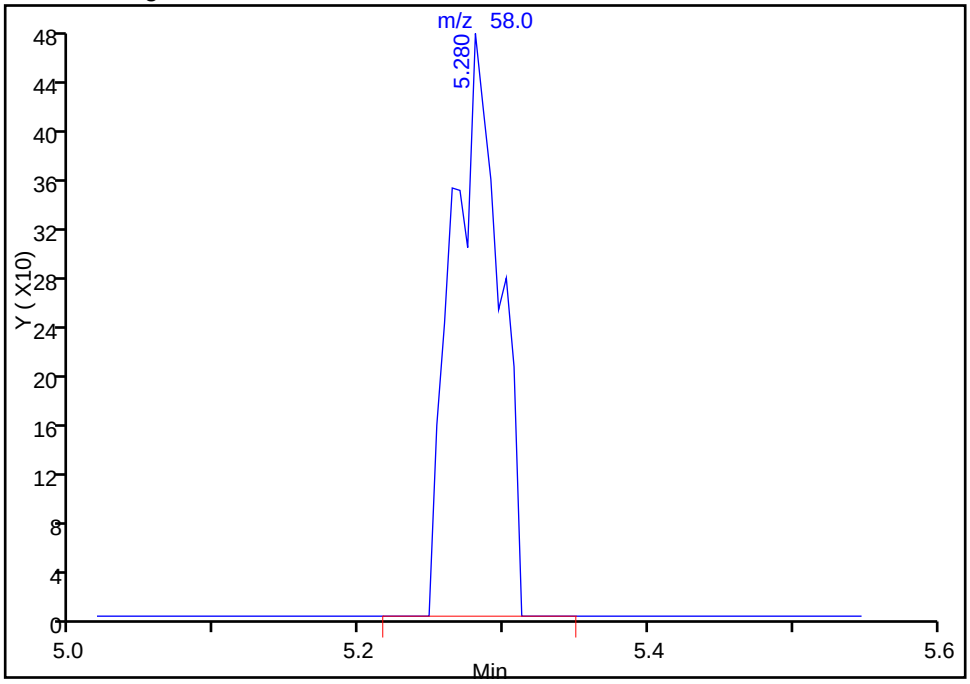
Processing Integration Results

RT: 5.28
Area: 736
Amount: 0.189569
Amount Units: ppb v/v



Manual Integration Results

RT: 5.28
Area: 1089
Amount: 0.186277
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

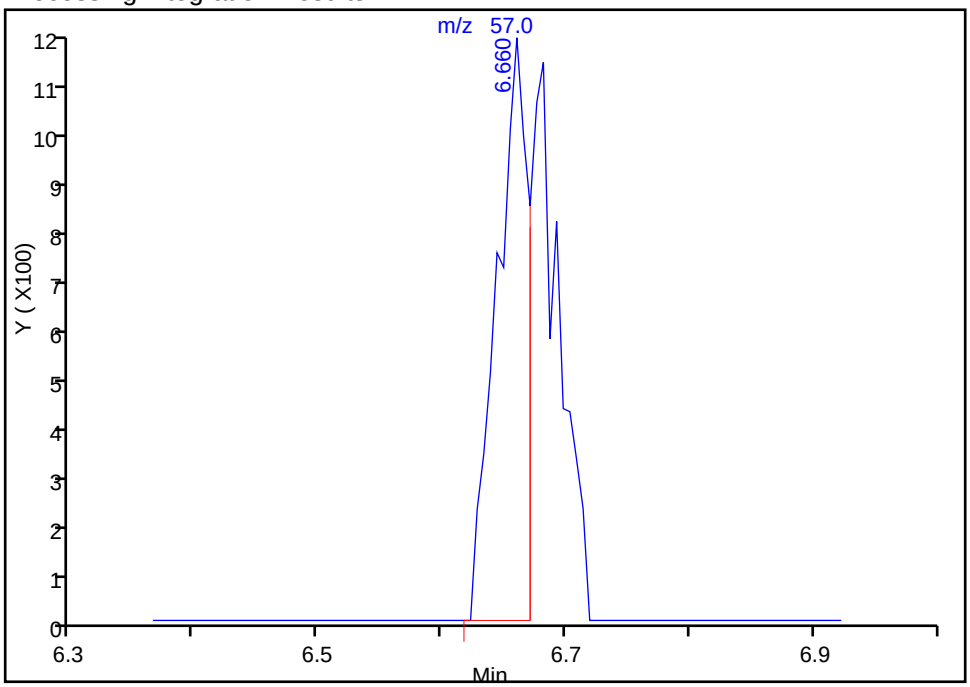
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

15 2-Methylbutane, CAS: 78-78-4

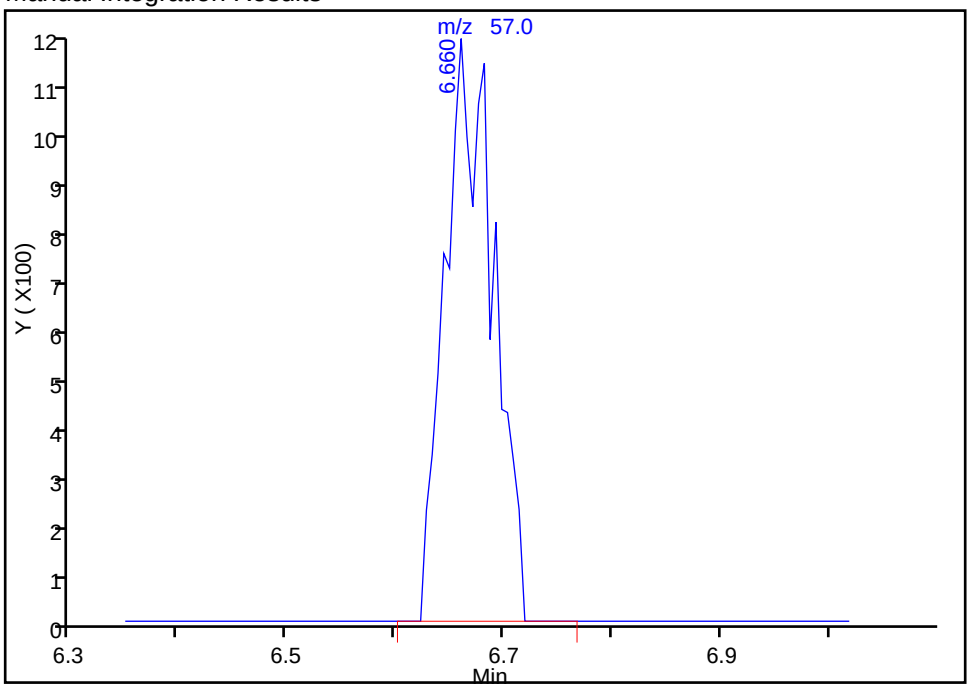
Processing Integration Results

RT: 6.66
Area: 1970
Amount: 0.196332
Amount Units: ppb v/v



Manual Integration Results

RT: 6.66
Area: 3470
Amount: 0.196473
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

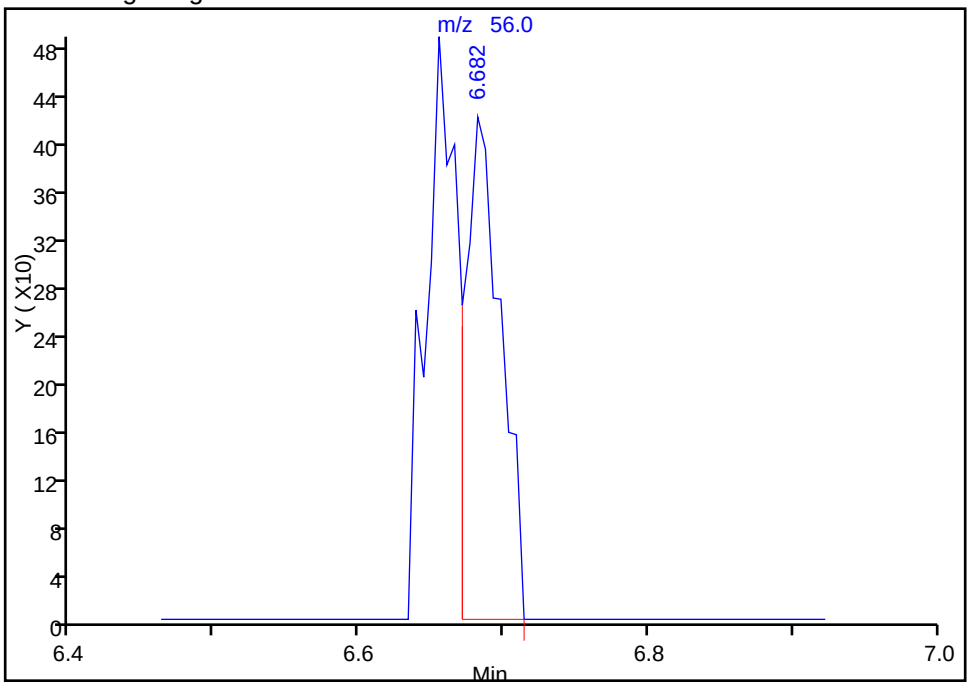
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

15 2-Methylbutane, CAS: 78-78-4

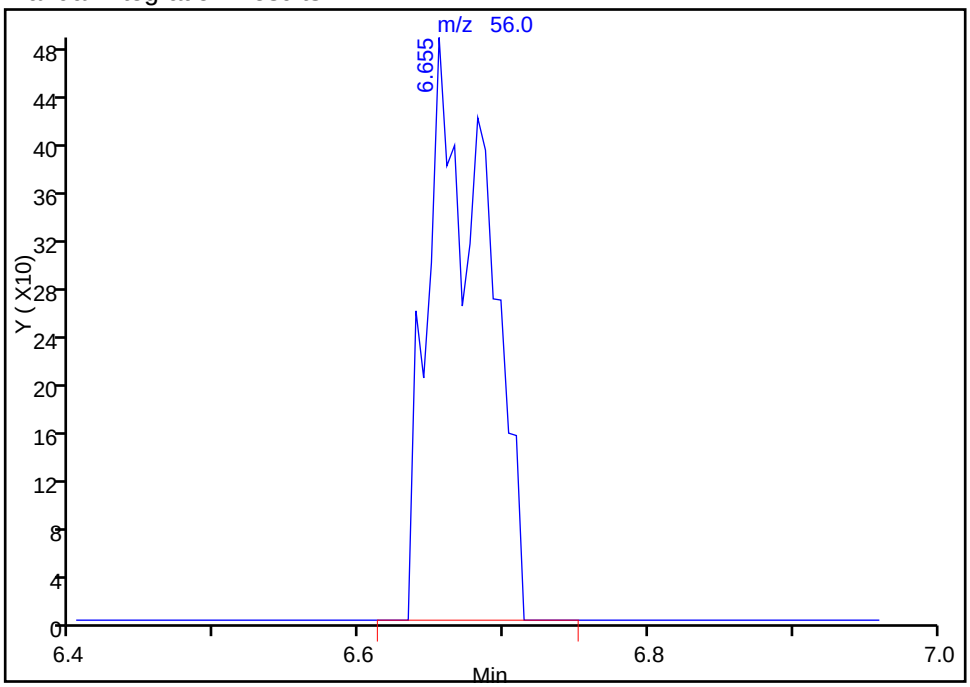
Processing Integration Results

RT: 6.68
Area: 716
Amount: 0.196332
Amount Units: ppb v/v



Manual Integration Results

RT: 6.65
Area: 1365
Amount: 0.196473
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

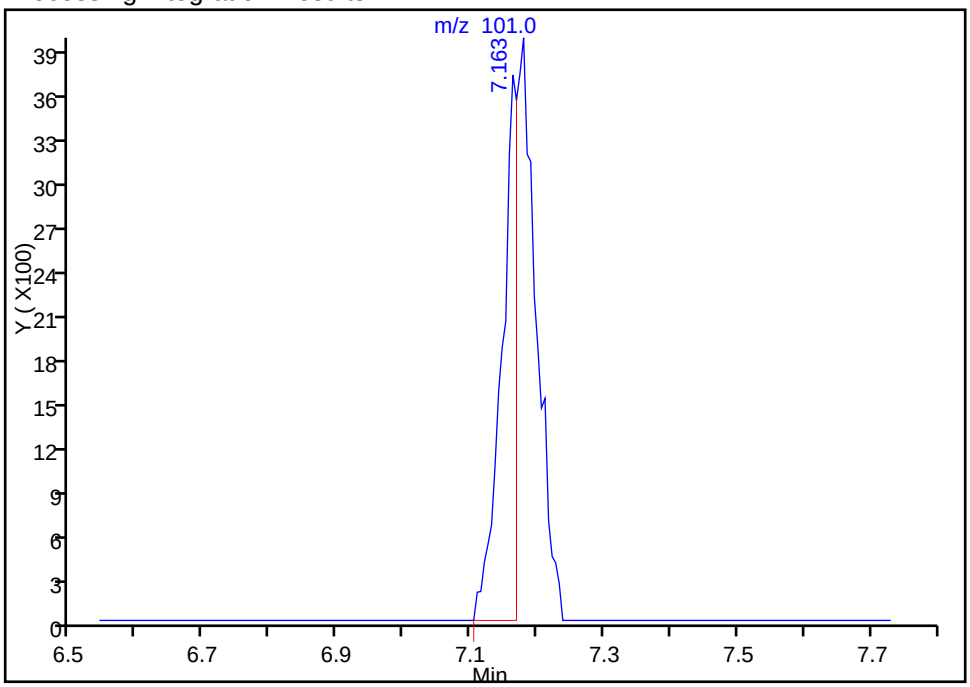
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4

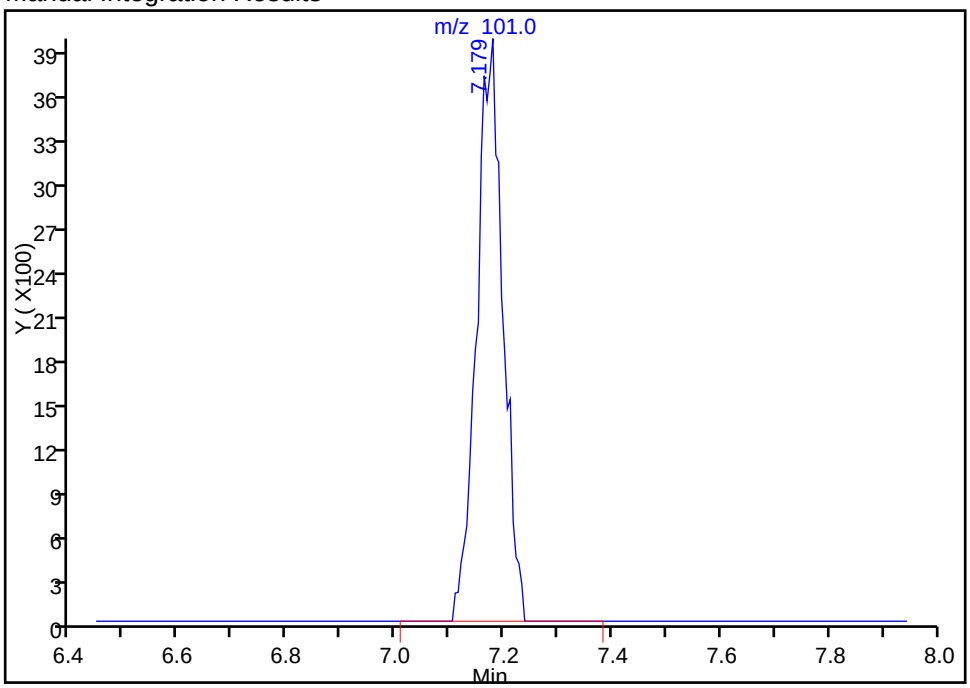
Processing Integration Results

RT: 7.16
Area: 6064
Amount: 0.089505
Amount Units: ppb v/v



Manual Integration Results

RT: 7.18
Area: 13375
Amount: 0.183317
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

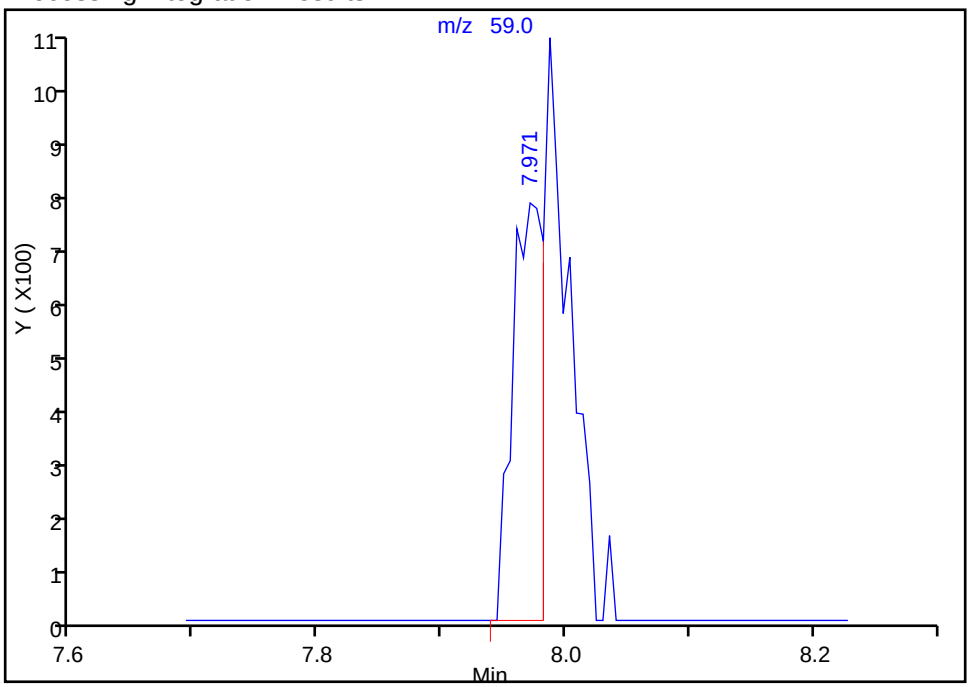
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

21 Ethyl ether, CAS: 60-29-7

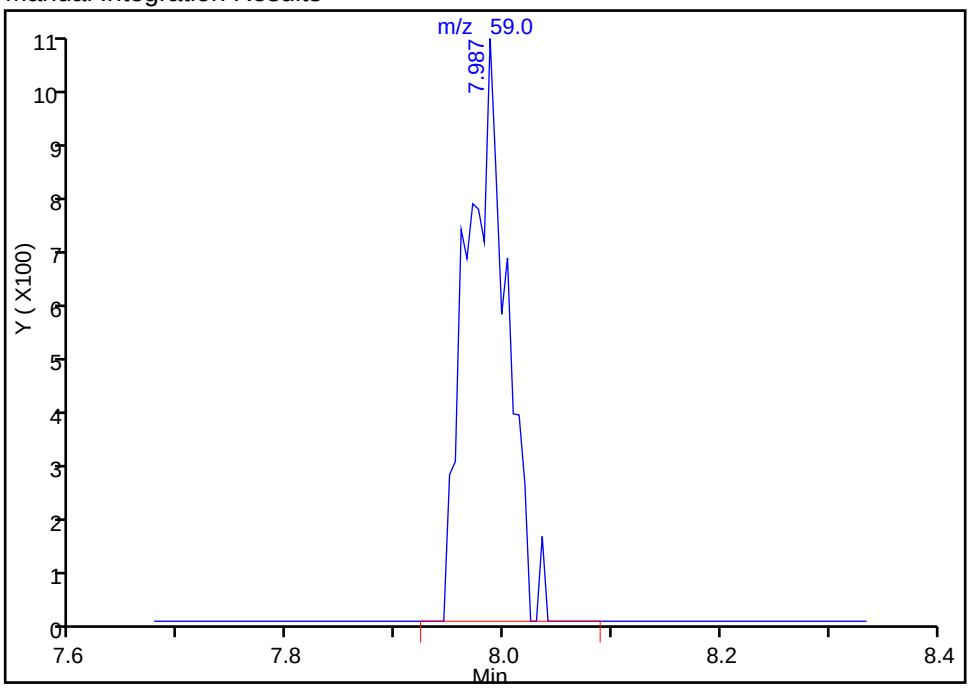
Processing Integration Results

RT: 7.97
Area: 1332
Amount: 0.092909
Amount Units: ppb v/v



Manual Integration Results

RT: 7.99
Area: 2704
Amount: 0.164207
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d				
Injection Date:	23-Jan-2015 14:36:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	pad	ALS Bottle#:	2	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

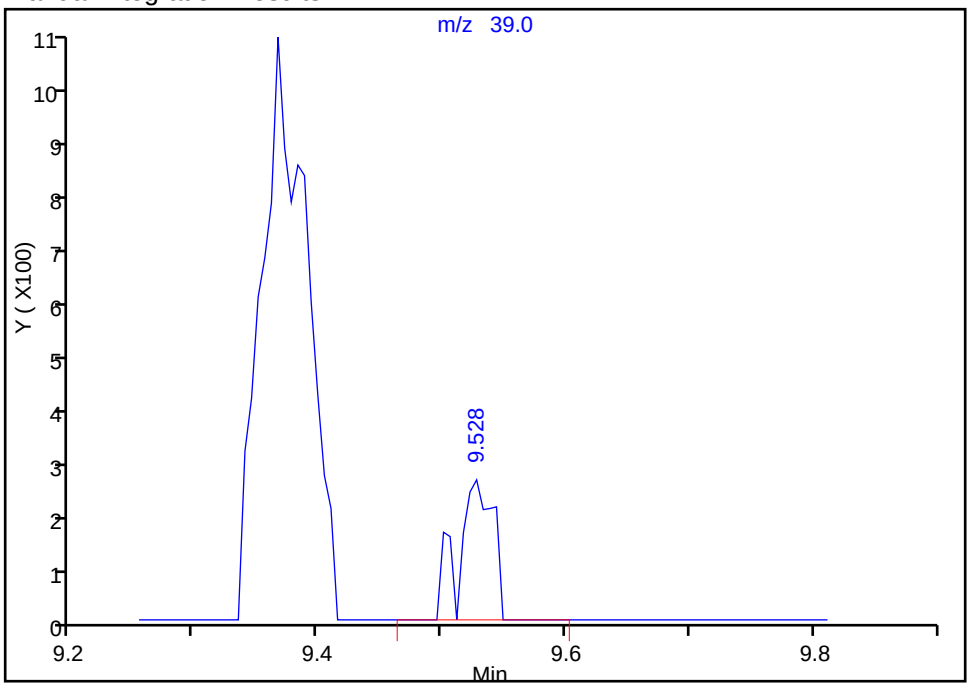
30 Acetonitrile, CAS: 75-05-8

Processing Integration Results

RT: 9.49
Area: 0
Amount: 0.212968
Amount Units: ppb v/v

Manual Integration Results

RT: 9.53
Area: 501
Amount: 0.220804
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

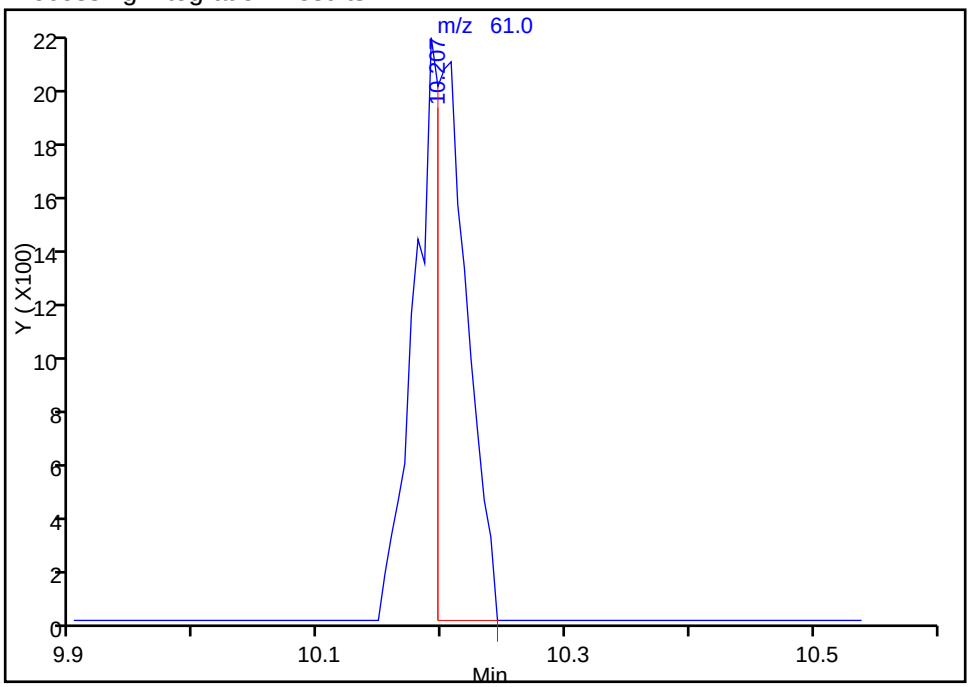
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

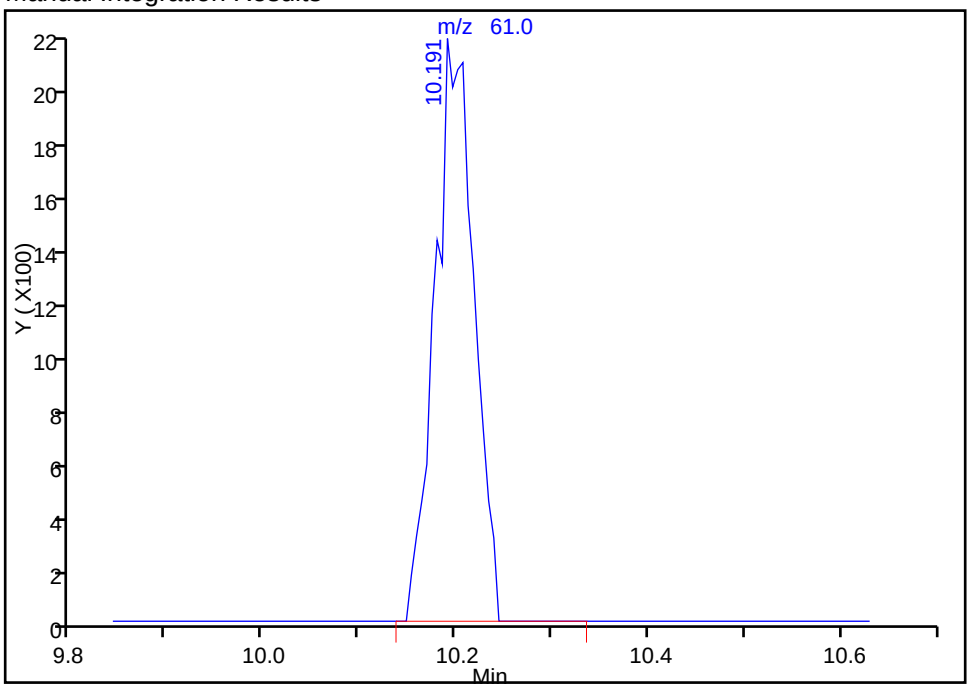
Processing Integration Results

RT: 10.21
Area: 3642
Amount: 0.112387
Amount Units: ppb v/v



Manual Integration Results

RT: 10.19
Area: 6060
Amount: 0.177560
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

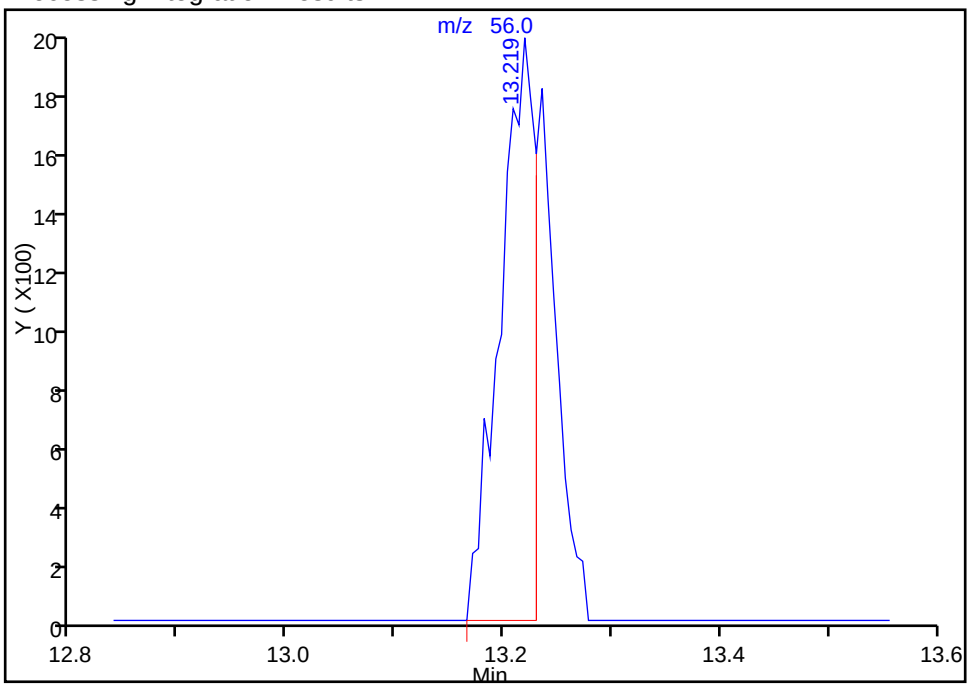
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d				
Injection Date:	23-Jan-2015 14:36:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	pad	ALS Bottle#:	2	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Cyclohexane, CAS: 110-82-7

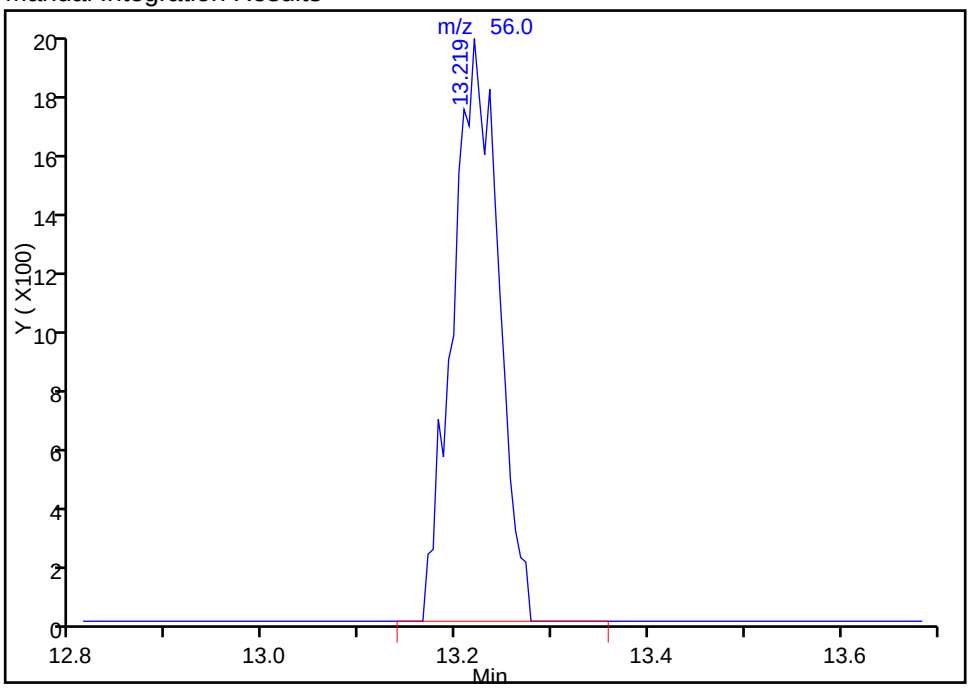
Processing Integration Results

RT: 13.22
Area: 4337
Amount: 0.148611
Amount Units: ppb v/v



Manual Integration Results

RT: 13.22
Area: 6329
Amount: 0.148611
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

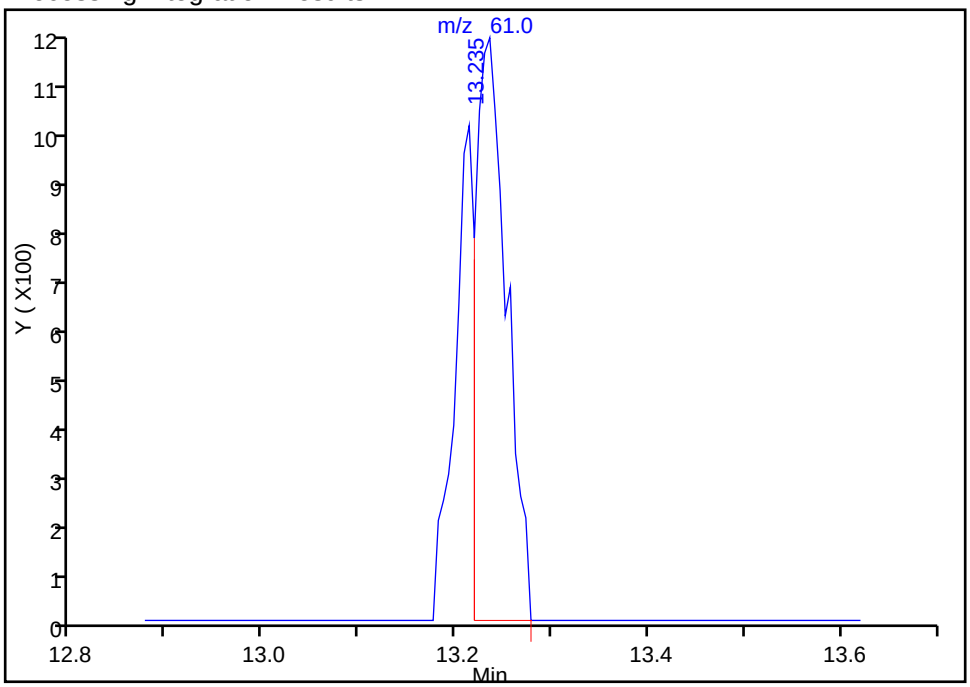
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6

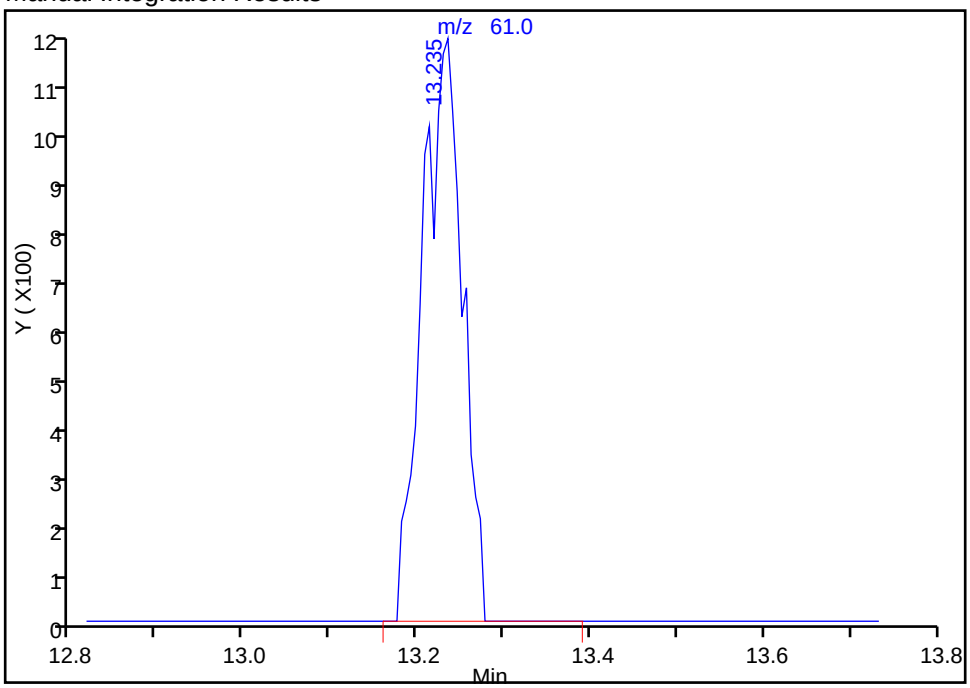
Processing Integration Results

RT: 13.24
Area: 2451
Amount: 0.167109
Amount Units: ppb v/v



Manual Integration Results

RT: 13.24
Area: 3573
Amount: 0.167109
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

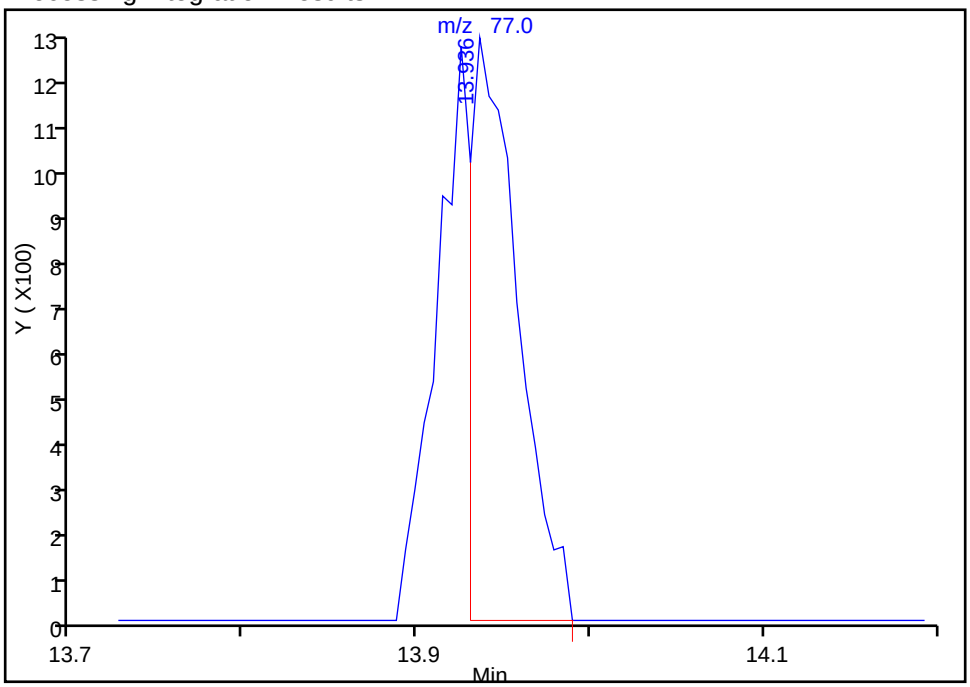
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d				
Injection Date:	23-Jan-2015 14:36:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	pad	ALS Bottle#:	2	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Benzene, CAS: 71-43-2

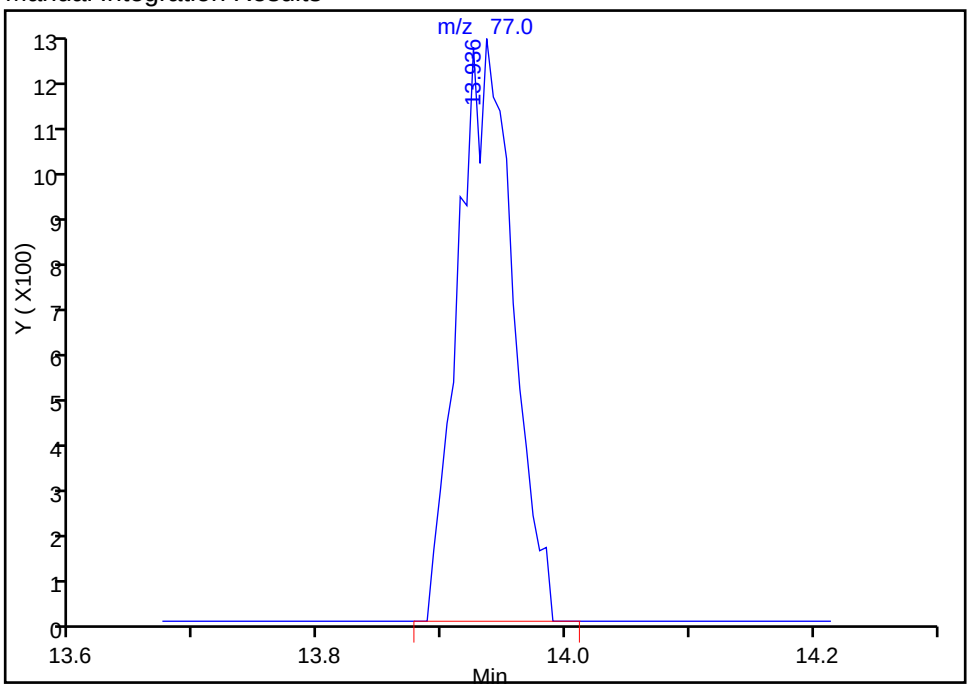
Processing Integration Results

RT: 13.94
Area: 2430
Amount: 0.172904
Amount Units: ppb v/v



Manual Integration Results

RT: 13.94
Area: 3850
Amount: 0.172904
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

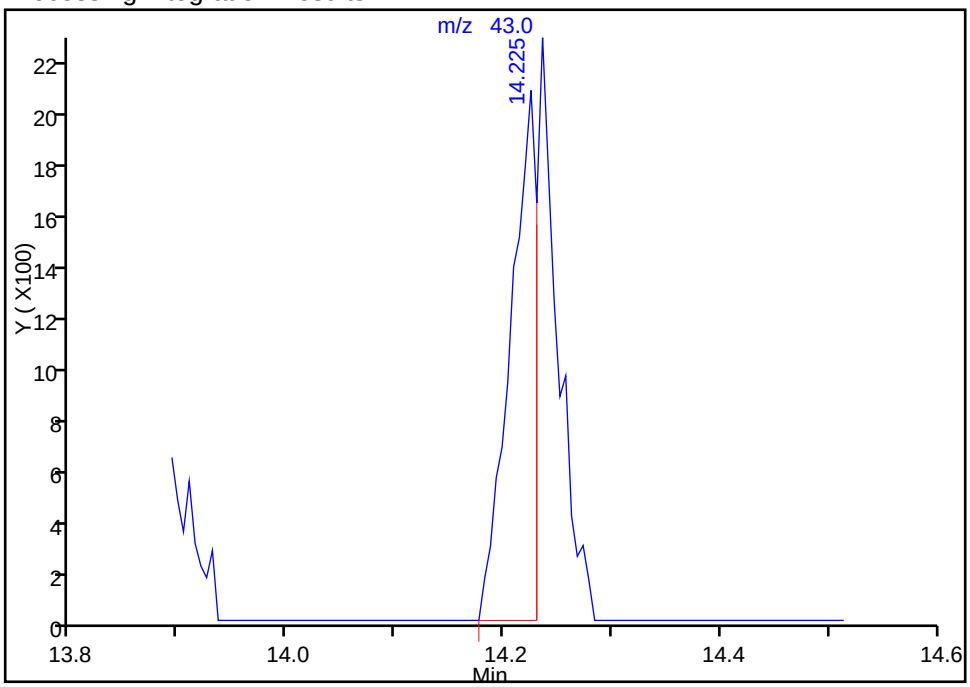
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d				
Injection Date:	23-Jan-2015 14:36:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	pad	ALS Bottle#:	2	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 n-Heptane, CAS: 142-82-5

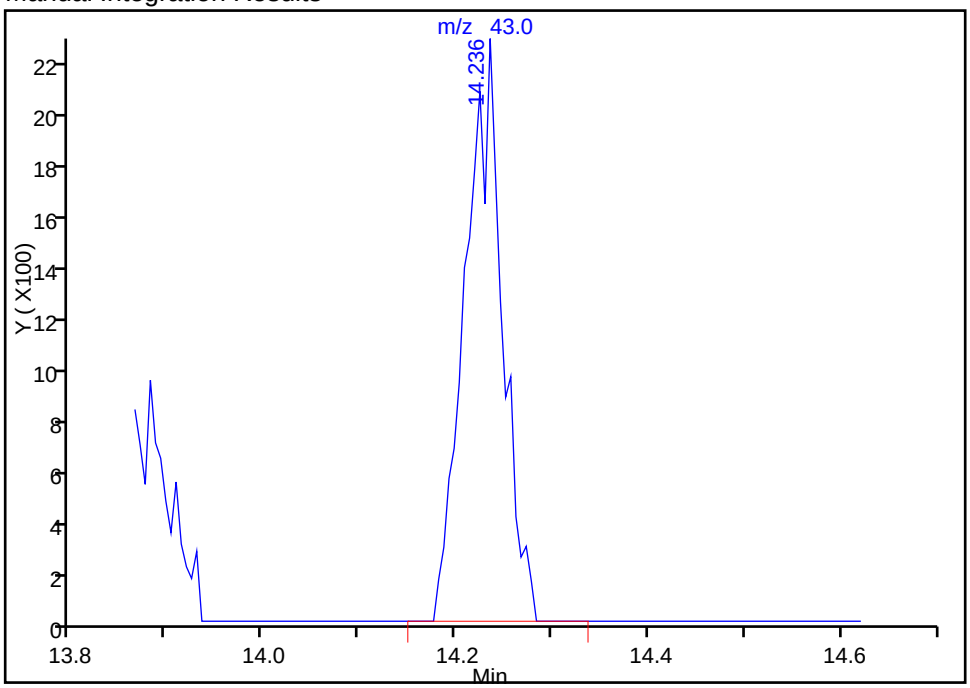
Processing Integration Results

RT: 14.22
Area: 3455
Amount: 0.093269
Amount Units: ppb v/v



Manual Integration Results

RT: 14.24
Area: 6045
Amount: 0.155440
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d				
Injection Date:	23-Jan-2015 14:36:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	pad	ALS Bottle#:	2	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

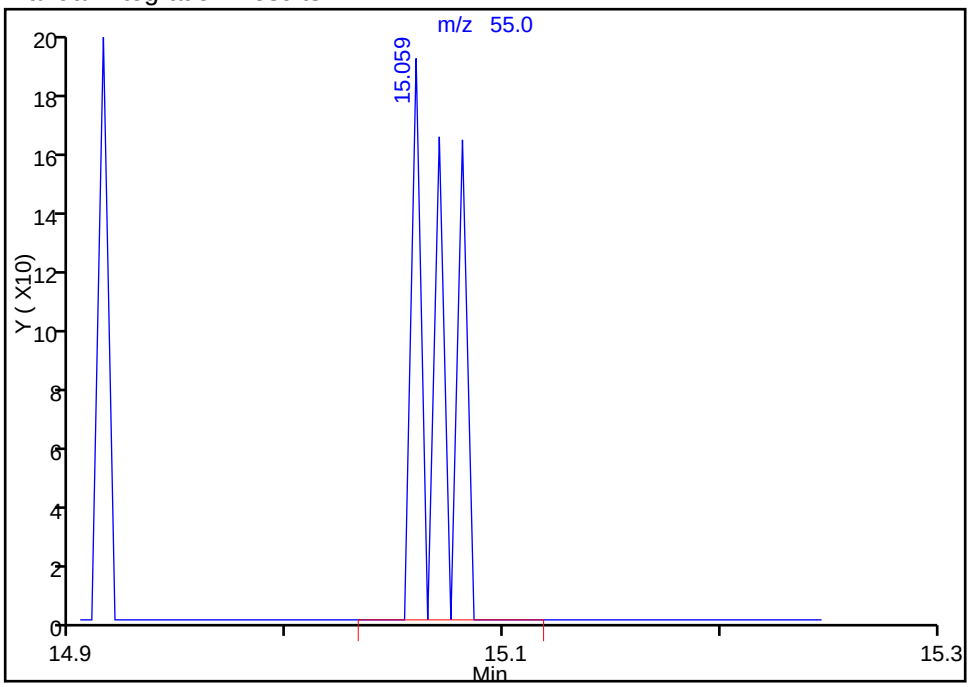
55 n-Butanol, CAS: 71-36-3

Processing Integration Results

RT: 15.01
Area: 0
Amount: 0.180491
Amount Units: ppb v/v

Manual Integration Results

RT: 15.06
Area: 162
Amount: 0.180951
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

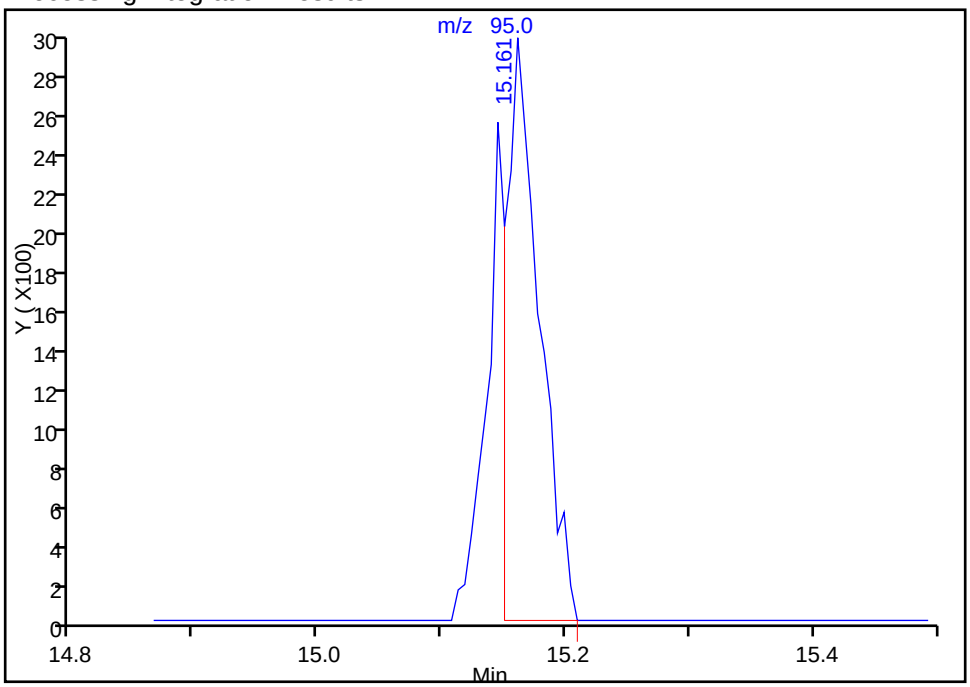
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

56 Trichloroethene, CAS: 79-01-6

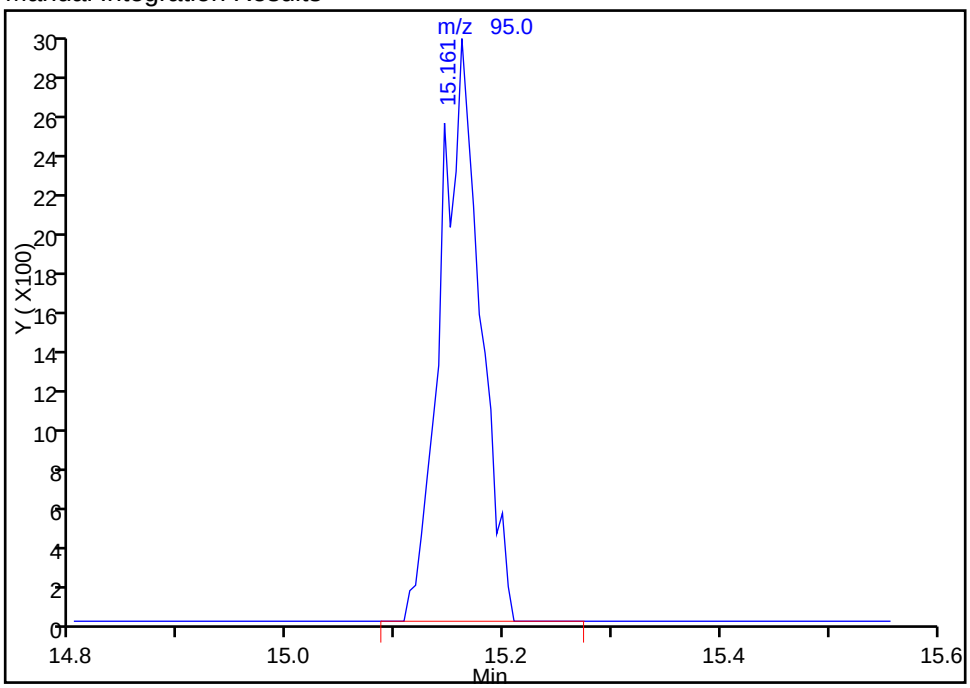
Processing Integration Results

RT: 15.16
Area: 5367
Amount: 0.127942
Amount Units: ppb v/v



Manual Integration Results

RT: 15.16
Area: 7364
Amount: 0.170486
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
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Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

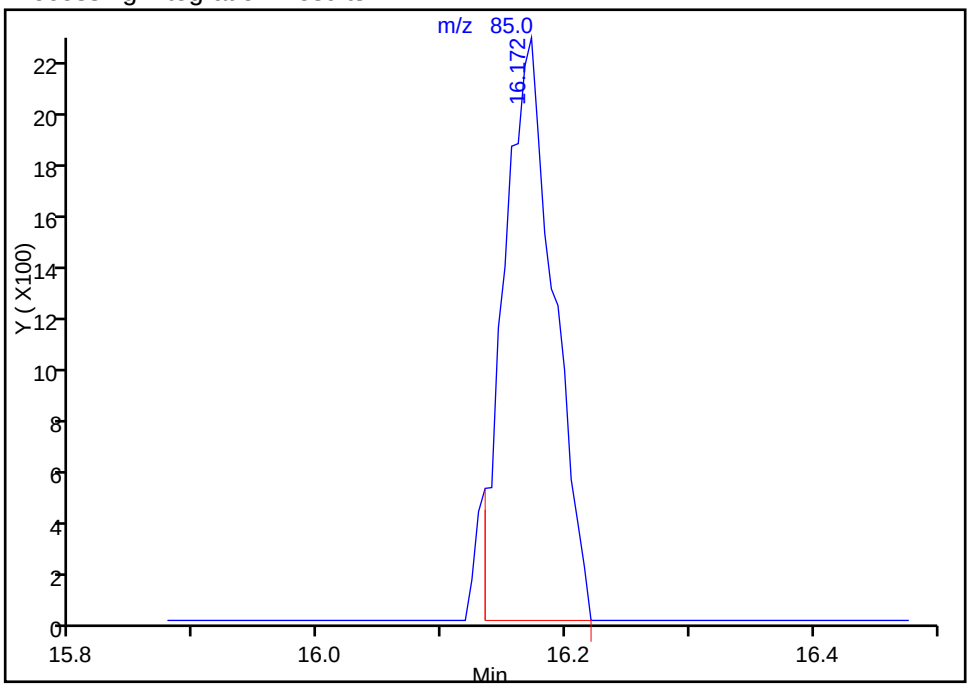
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d				
Injection Date:	23-Jan-2015 14:36:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	pad	ALS Bottle#:	2	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

62 Dichlorobromomethane, CAS: 75-27-4

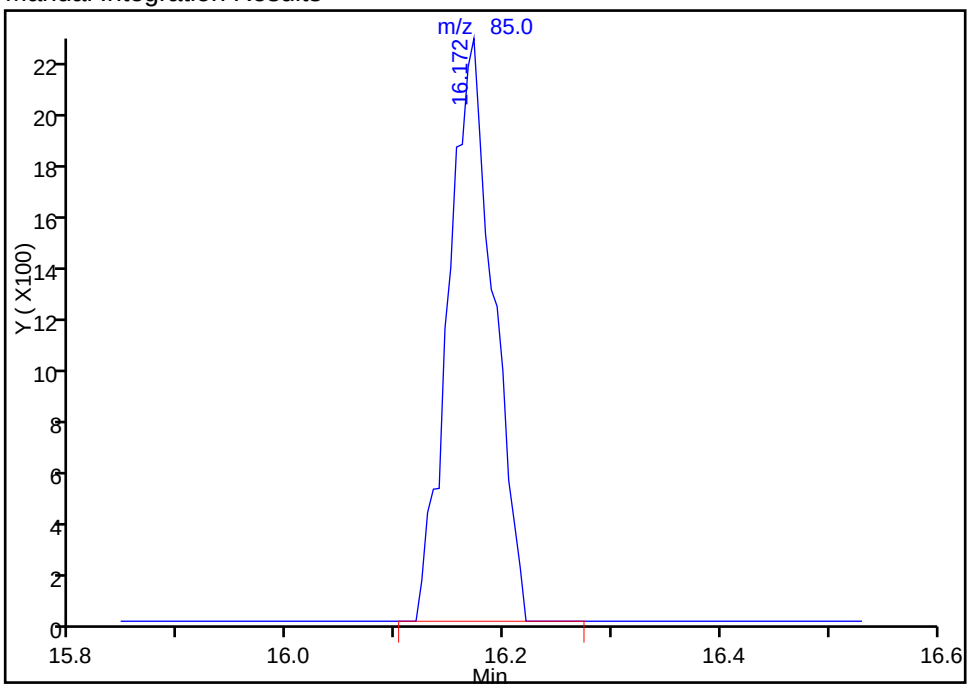
Processing Integration Results

RT: 16.17
Area: 6141
Amount: 0.156136
Amount Units: ppb v/v



Manual Integration Results

RT: 16.17
Area: 6323
Amount: 0.156136
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

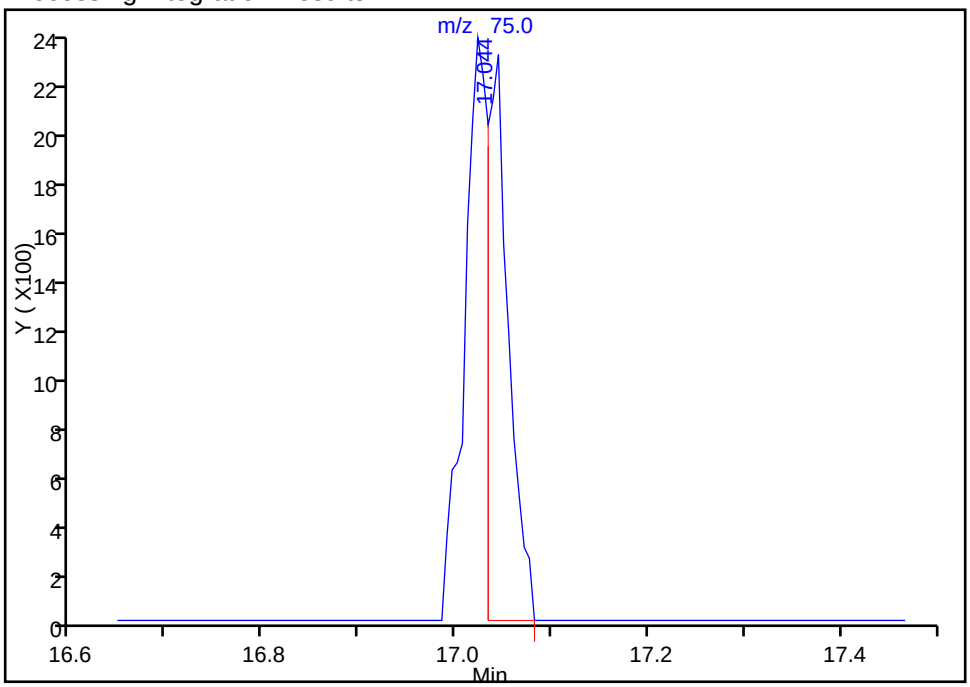
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

64 cis-1,3-Dichloropropene, CAS: 10061-01-5

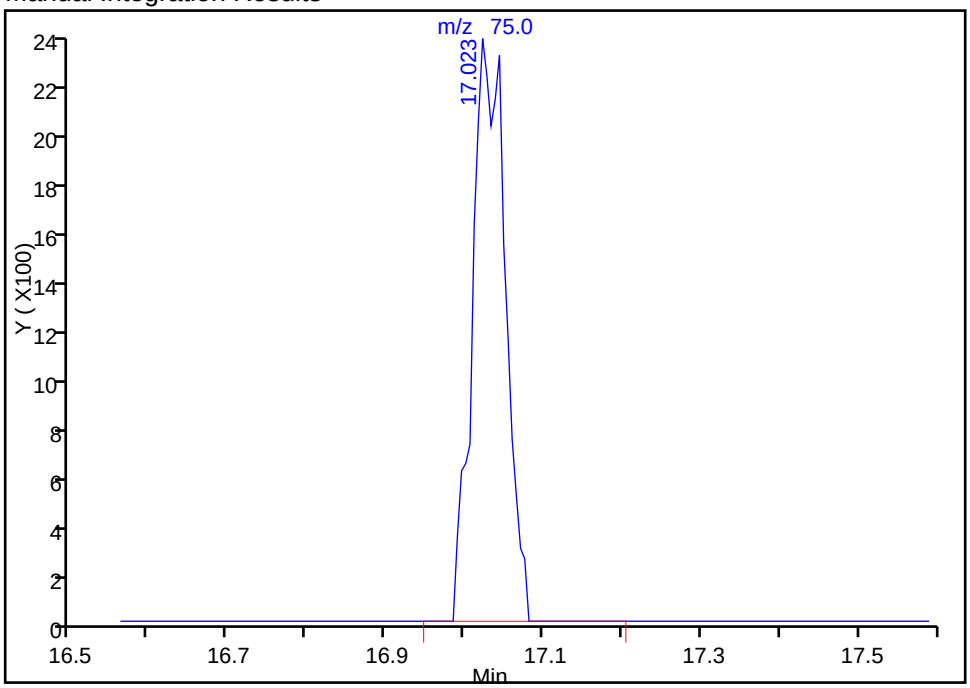
Processing Integration Results

RT: 17.04
Area: 3485
Amount: 0.077576
Amount Units: ppb v/v



Manual Integration Results

RT: 17.02
Area: 6846
Amount: 0.144678
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

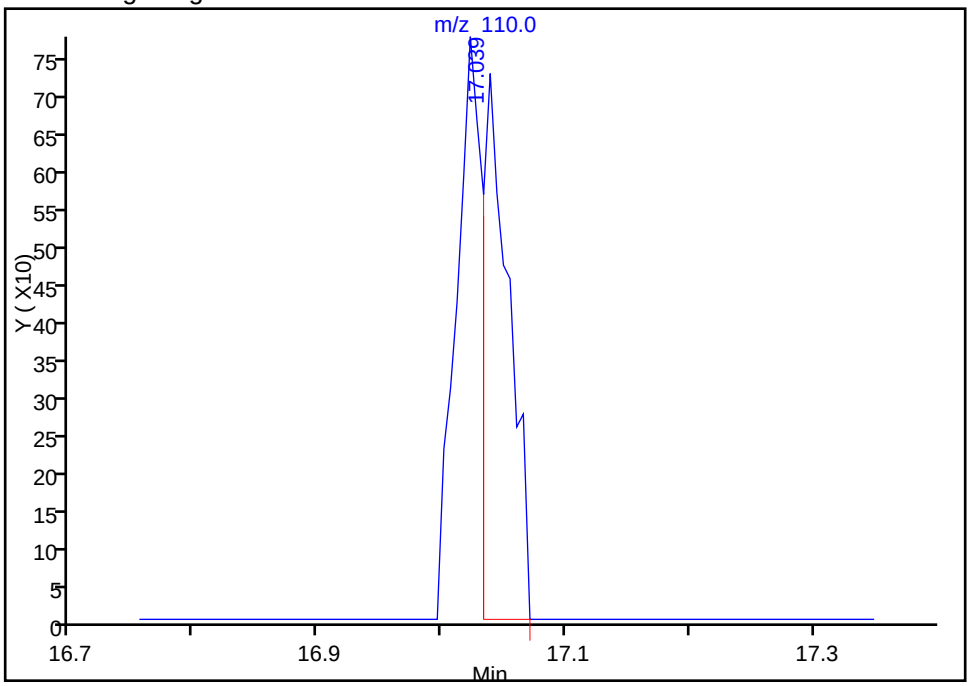
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

64 cis-1,3-Dichloropropene, CAS: 10061-01-5

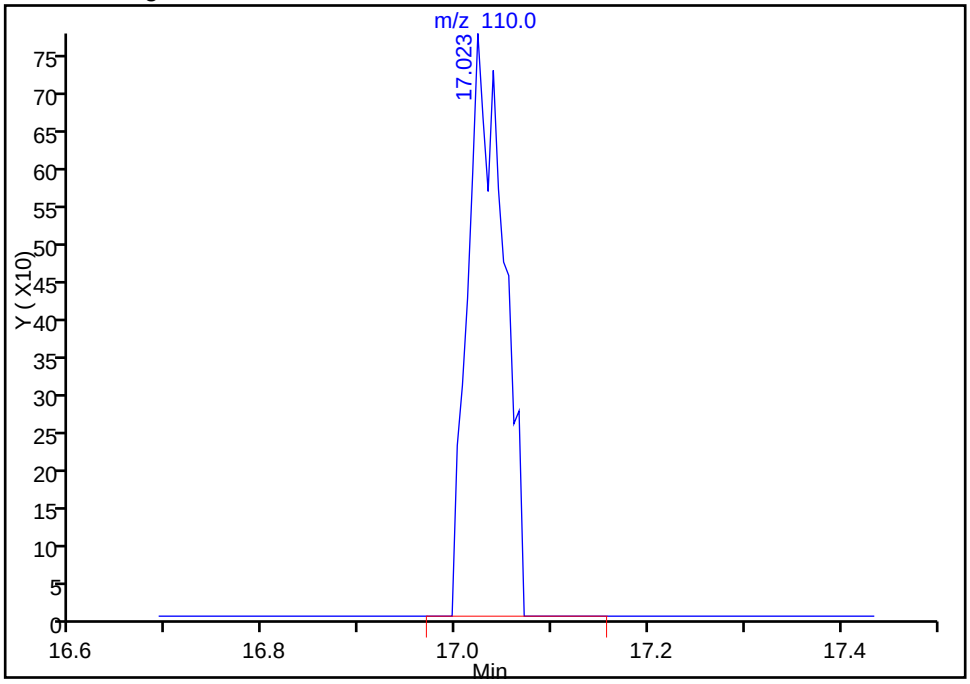
Processing Integration Results

RT: 17.04
Area: 1063
Amount: 0.077576
Amount Units: ppb v/v



Manual Integration Results

RT: 17.02
Area: 2021
Amount: 0.144678
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

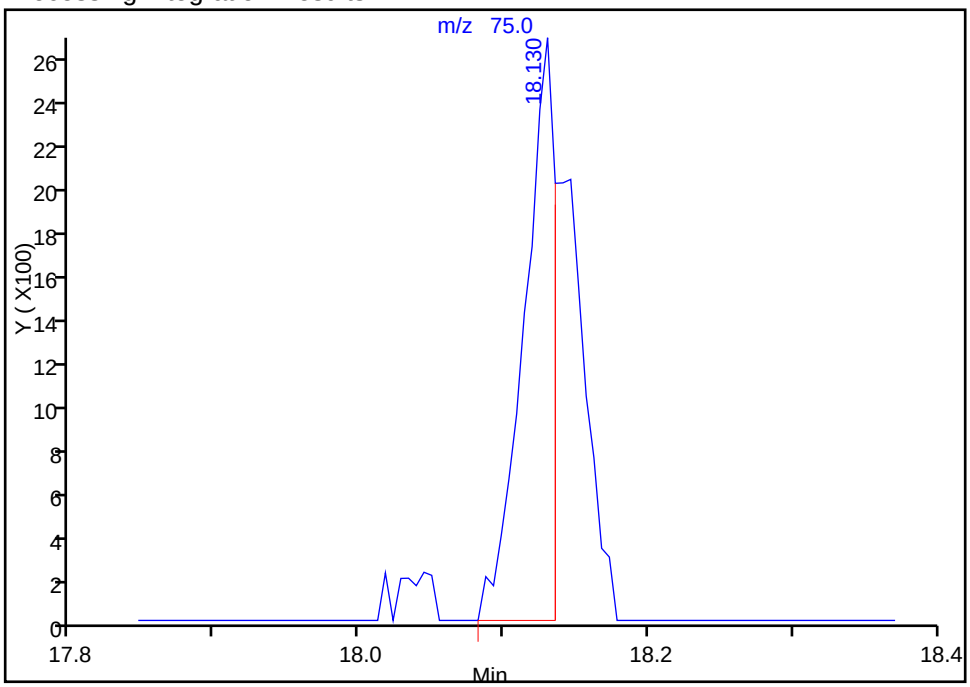
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

70 trans-1,3-Dichloropropene, CAS: 10061-02-6

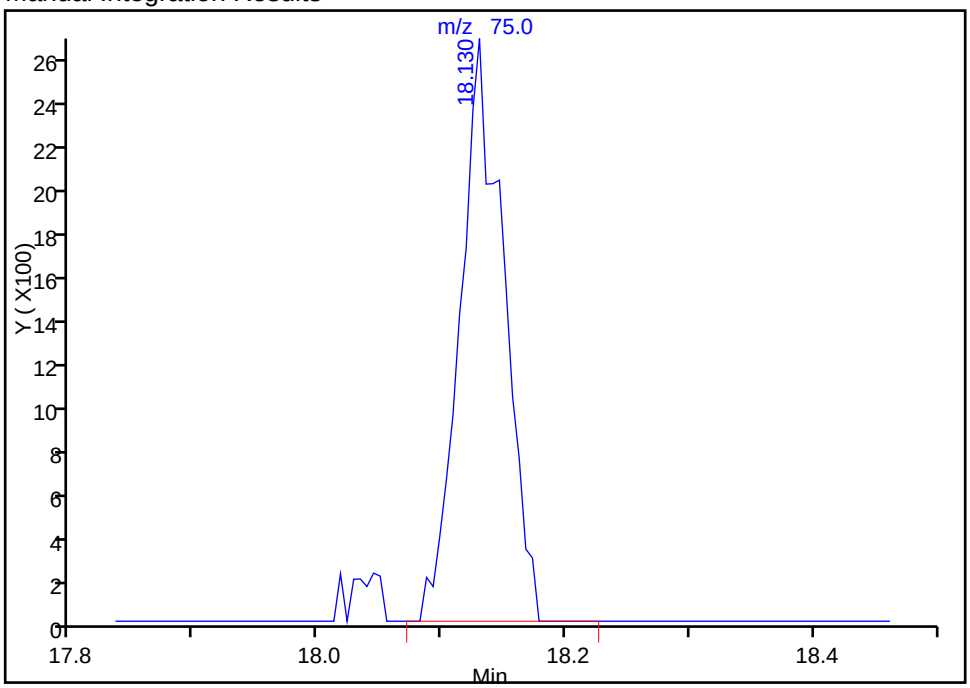
Processing Integration Results

RT: 18.13
Area: 3977
Amount: 0.087037
Amount Units: ppb v/v



Manual Integration Results

RT: 18.13
Area: 6512
Amount: 0.137094
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

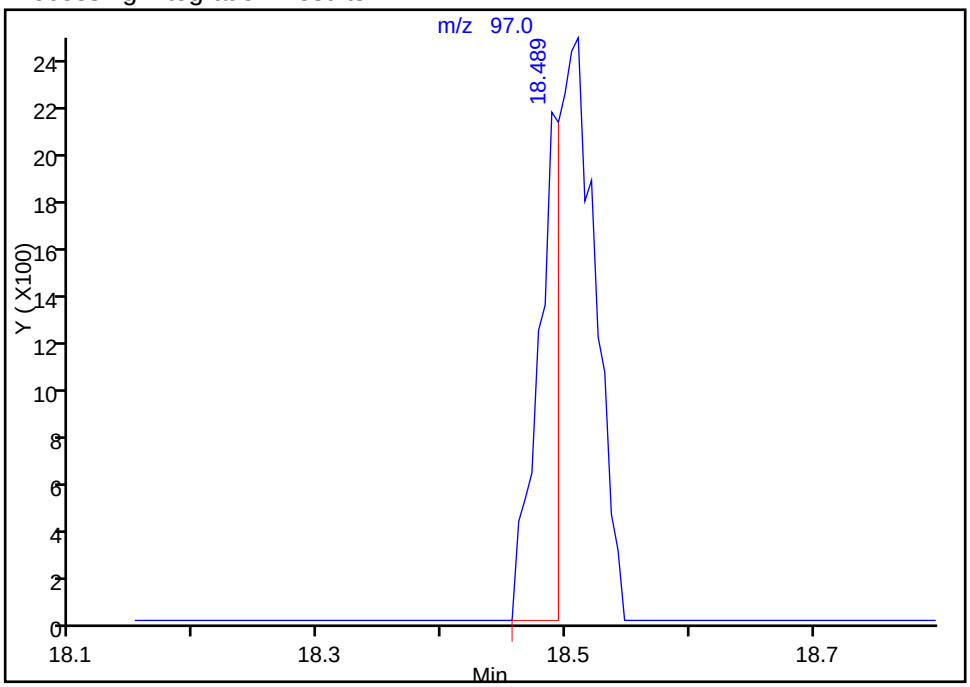
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

71 1,1,2-Trichloroethane, CAS: 79-00-5

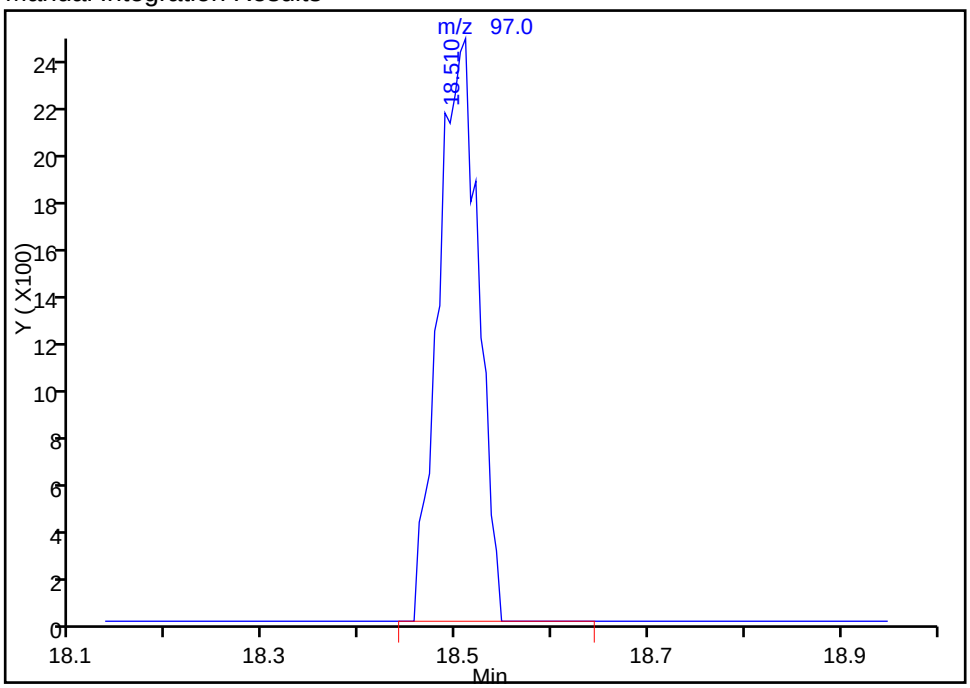
Processing Integration Results

RT: 18.49
Area: 2658
Amount: 0.160510
Amount Units: ppb v/v



Manual Integration Results

RT: 18.51
Area: 7015
Amount: 0.160510
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

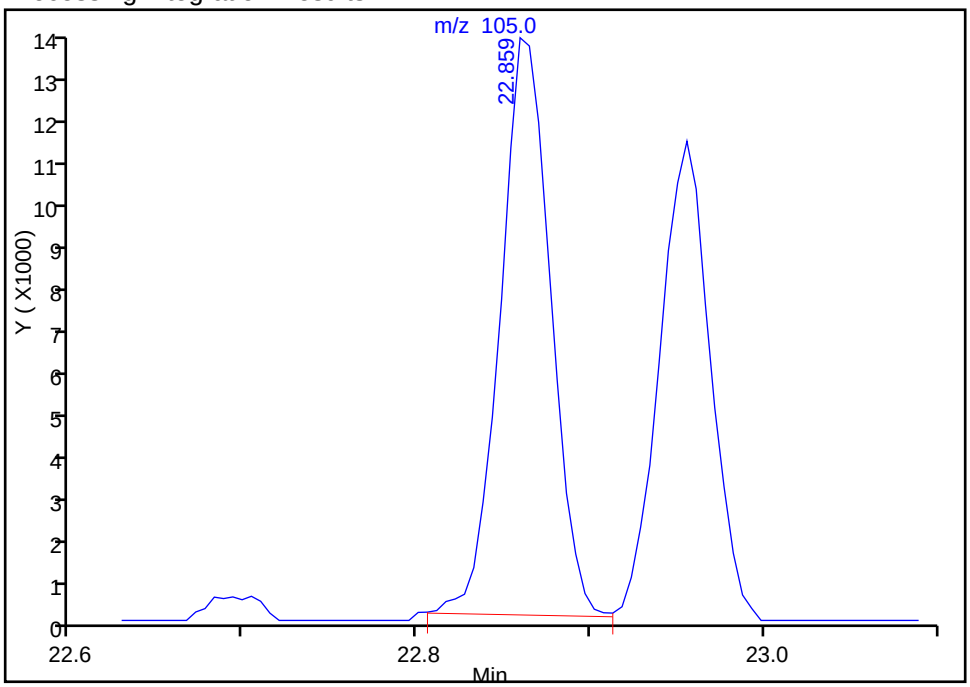
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_006.d
Injection Date: 23-Jan-2015 14:36:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8

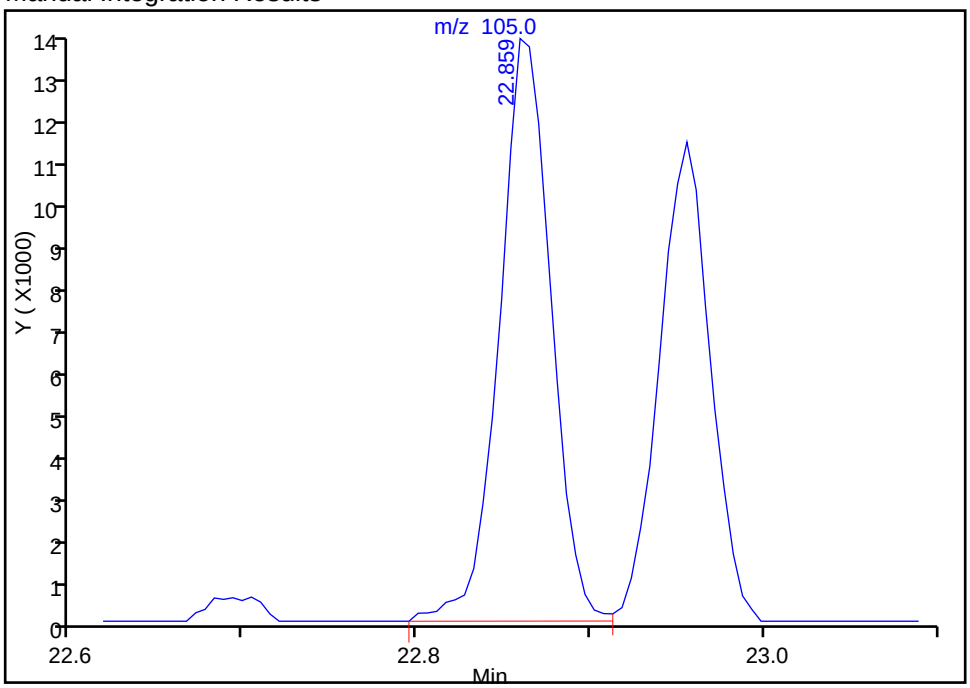
Processing Integration Results

RT: 22.86
Area: 27017
Amount: 0.144352
Amount Units: ppb v/v



Manual Integration Results

RT: 22.86
Area: 27911
Amount: 0.148622
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:28:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_007.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Jan-2015 15:25:30 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011767-007
Misc. Info.: ic
Operator ID: pad Instrument ID: CHW.i
Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2

Method: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jan-2015 10:25:38 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: daiglep Date: 26-Jan-2015 09:32:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.381	4.365	0.016	98	9970	0.5005	0.6040	
2 Dichlorodifluoromethane	85	4.467	4.456	0.011	99	36238	0.5005	0.5244	
6 Chlorodifluoromethane	51	4.531	4.520	0.011	96	18304	0.5005	0.5487	
7 1,2-Dichloro-1,1,2,2-tetra	85	4.820	4.804	0.016	93	38380	0.5005	0.5373	
8 Chloromethane	50	5.002	4.996	0.006	98	11228	0.5005	0.5557	
9 Butane	43	5.275	5.259	0.016	99	18338	0.5005	0.5544	
10 Vinyl chloride	62	5.333	5.317	0.016	96	13733	0.5005	0.5239	
11 Butadiene	54	5.424	5.414	0.010	90	9498	0.5005	0.5158	
12 Bromomethane	94	6.296	6.275	0.021	98	17544	0.5005	0.5516	
13 BFB									
14 Chloroethane	64	6.569	6.553	0.016	99	7439	0.5005	0.5233	M
15 2-Methylbutane	43	6.660	6.644	0.016	90	13514	0.5005	0.5759	
16 Vinyl bromide	106	7.051	7.035	0.016	96	16058	0.5005	0.5058	
17 Trichlorofluoromethane	101	7.163	7.152	0.011	98	35915	0.5005	0.5376	
18 Pentane	43	7.329	7.313	0.016	95	18017	0.5005	0.5322	
19 Ethanol	45	7.832	7.778	0.054	98	40166	5.01	5.56	
21 Ethyl ether	59	7.939	7.901	0.038	90	8342	0.5005	0.5532	
22 Acrolein	56	8.388	8.361	0.027	37	5137	0.5005	0.7082	M
23 1,1,2-Trichloro-1,2,2-trif	101	8.404	8.399	0.005	97	30297	0.5005	0.5314	
24 1,1-Dichloroethene	96	8.484	8.468	0.016	90	14438	0.5005	0.5151	
25 Acetone	43	8.741	8.704	0.037	92	54072	0.5005	1.84	
26 Carbon disulfide	76	8.966	8.955	0.011	98	36143	0.5005	0.5189	
27 Isopropyl alcohol	45	9.078	9.009	0.069	98	16570	0.5005	0.7654	
29 3-Chloro-1-propene	41	9.356	9.351	0.005	91	11839	0.5005	0.5126	
30 Acetonitrile	41	9.501	9.479	0.022	97	8764	0.5005	0.6539	
31 Methylene Chloride	49	9.693	9.683	0.010	81	13532	0.5005	0.5936	
32 2-Methyl-2-propanol	59	9.961	9.881	0.080	97	13758	0.5005	0.4206	
33 Methyl tert-butyl ether	73	10.154	10.116	0.038	97	30055	0.5005	0.4605	
34 trans-1,2-Dichloroethene	61	10.186	10.180	0.006	85	15496	0.5005	0.4958	
S 41 1,2-Dichloroethene, Total	61				0		1.00	0.9786	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Acrylonitrile	53	10.346	10.325	0.021	95	7716	0.5005	0.4908	
36 Hexane	57	10.603	10.592	0.011	88	16072	0.5005	0.4748	
37 1,1-Dichloroethane	63	11.149	11.143	0.006	99	21006	0.5005	0.5168	
38 Vinyl acetate	43	11.191	11.181	0.010	98	20728	0.5005	0.4254	
39 cis-1,2-Dichloroethene	96	12.320	12.320	0.000	87	15335	0.5005	0.4828	
40 2-Butanone (MEK)	72	12.358	12.336	0.022	100	9166	0.5005	0.6248	
42 Ethyl acetate	88	12.374	12.358	0.016	94	1146	0.5005	0.4588	
* 43 Chlorobromomethane	128	12.807	12.802	0.005	86	249743	10.0	10.0	
44 Tetrahydrofuran	42	12.855	12.807	0.048	89	10728	0.5005	0.4822	
45 Chloroform	83	12.914	12.914	0.000	99	26252	0.5005	0.5146	
46 Cyclohexane	84	13.214	13.208	0.006	84	18250	0.5005	0.4584	M
47 1,1,1-Trichloroethane	97	13.224	13.219	0.005	97	26330	0.5005	0.4801	
48 Carbon tetrachloride	117	13.476	13.476	0.000	97	28127	0.5005	0.4873	
51 Isooctane	57	13.872	13.866	0.006	99	51257	0.5005	0.4546	
50 Benzene	78	13.925	13.925	0.000	92	44214	0.5005	0.5065	
52 1,2-Dichloroethane	62	14.086	14.086	0.000	96	13352	0.5005	0.4865	
53 n-Heptane	43	14.219	14.219	0.000	85	16869	0.5005	0.4739	
* 54 1,4-Difluorobenzene	114	14.685	14.685	0.000	91	1165996	10.0	10.0	
A 57 GRO	1	14.725	(6.634-22.816)		0	5092451	0.5005	0	
55 n-Butanol	56	15.038	14.990	0.048	85	6109	0.5005	0.5580	
56 Trichloroethene	95	15.150	15.155	-0.005	92	19037	0.5005	0.4815	
58 1,2-Dichloropropane	63	15.669	15.669	0.000	93	13840	0.5005	0.4764	
59 Methyl methacrylate	69	15.771	15.755	0.016	79	11661	0.5005	0.3987	
60 1,4-Dioxane	88	15.894	15.851	0.043	39	6336	0.5005	0.4768	
61 Dibromomethane	174	15.921	15.915	0.006	92	22634	0.5005	0.4509	
62 Dichlorobromomethane	83	16.161	16.167	-0.006	98	27621	0.5005	0.4795	
A 63 TVOC as Toluene	92	16.589	(4.355-28.823)		0	8500950	0.5005	113.1	
64 cis-1,3-Dichloropropene	75	17.028	17.028	0.000	87	18700	0.5005	0.4317	M
65 4-Methyl-2-pentanone (MIBK	43	17.279	17.258	0.021	93	19007	0.5005	0.4097	
A 67 Toluene Range	92	17.595	(17.555-17.635)		0	217781	0.5005	3.22	
66 Toluene	92	17.600	17.595	0.005	92	31946	0.5005	0.4721	
A 68 C8 Range	1	17.595	(17.545-17.645)		0	217781	NC	NC	
69 n-Octane	43	17.595	17.595	0.000	87	23366	0.5005	0.4756	
70 trans-1,3-Dichloropropene	75	18.130	18.130	0.000	93	18895	0.5005	0.4346	
71 1,1,2-Trichloroethane	83	18.499	18.499	0.000	95	15177	0.5005	0.4933	
72 Tetrachloroethene	166	18.638	18.638	0.000	96	33224	0.5005	0.4712	
73 2-Hexanone	43	18.911	18.884	0.027	93	17382	0.5005	0.4083	
74 Chlorodibromomethane	129	19.253	19.253	0.000	97	33392	0.5005	0.4452	
75 Ethylene Dibromide	107	19.537	19.537	0.000	99	28626	0.5005	0.4632	
S 82 Xylenes, Total	106				0		1.50	1.34	
* 76 Chlorobenzene-d5	117	20.388	20.382	0.006	81	1049762	10.0	10.0	
77 Chlorobenzene	112	20.441	20.441	0.000	97	49998	0.5005	0.4939	
78 Ethylbenzene	91	20.553	20.553	0.000	96	65700	0.5005	0.4673	
79 n-Nonane	57	20.612	20.612	0.000	83	25053	0.5005	0.4659	
80 m-Xylene & p-Xylene	106	20.773	20.773	0.000	98	57203	1.00	0.8995	
83 o-Xylene	106	21.495	21.490	0.005	95	26954	0.5005	0.4369	
84 Styrene	104	21.527	21.532	-0.005	98	38906	0.5005	0.4126	M
85 Bromoform	173	21.912	21.912	0.000	98	33536	0.5005	0.3949	
86 Isopropylbenzene	105	22.062	22.057	0.005	94	75359	0.5005	0.4462	
$ 87 4-Bromofluorobenzene	95	22.394	22.399	-0.005	97	627202	NC	NC	
88 1,1,2,2-Tetrachloroethane	83	22.624	22.624	0.000	98	40033	0.5005	0.4874	
90 N-Propylbenzene	91	22.693	22.693	0.000	99	89449	0.5005	0.4630	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	22.725	22.720	0.005	94	28207	0.5005	0.4650	
93 n-Decane	57	22.806	22.806	0.000	84	32035	0.5005	0.4439	
91 4-Ethyltoluene	105	22.859	22.859	0.000	96	77603	0.5005	0.4489	
92 2-Chlorotoluene	91	22.897	22.897	0.001	94	65367	0.5005	0.4773	
94 1,3,5-Trimethylbenzene	105	22.950	22.950	0.000	94	64726	0.5005	0.4547	
95 Alpha Methyl Styrene	118	23.303	23.303	0.000	93	28495	0.5005	0.3712	
96 tert-Butylbenzene	119	23.426	23.426	0.000	96	63316	0.5005	0.4375	
97 1,2,4-Trimethylbenzene	105	23.517	23.522	-0.005	95	61842	0.5005	0.4363	
98 sec-Butylbenzene	105	23.758	23.758	0.000	99	94796	0.5005	0.4489	
99 4-Isopropyltoluene	119	23.956	23.961	-0.005	97	77857	0.5005	0.4249	
100 1,3-Dichlorobenzene	146	24.036	24.031	0.005	98	50915	0.5005	0.4338	
101 1,4-Dichlorobenzene	146	24.175	24.175	0.000	97	46844	0.5005	0.4090	
102 Benzyl chloride	91	24.384	24.384	0.000	99	36551	0.5005	0.3438	
104 Undecane	57	24.571	24.571	0.000	91	32573	0.5005	0.4030	
103 n-Butylbenzene	91	24.598	24.592	0.006	97	72119	0.5005	0.4570	
105 1,2-Dichlorobenzene	146	24.780	24.780	0.000	99	48380	0.5005	0.4316	
106 Dodecane	57	26.374	26.368	0.006	91	23343	0.5005	0.3064	
107 1,2,4-Trichlorobenzene	180	27.663	27.663	0.000	93	24932	0.5005	0.2945	
108 Hexachlorobutadiene	225	27.861	27.861	0.000	94	31504	0.5005	0.3824	
109 Naphthalene	128	28.246	28.246	0.000	99	36764	0.5005	0.2285	
110 1,2,3-Trichlorobenzene	180	28.808	28.813	-0.005	96	24704	0.5005	0.3341	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

ATTO15CAL2w_00161	Amount Added: 200.00	Units: mL	
ATTO15WISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

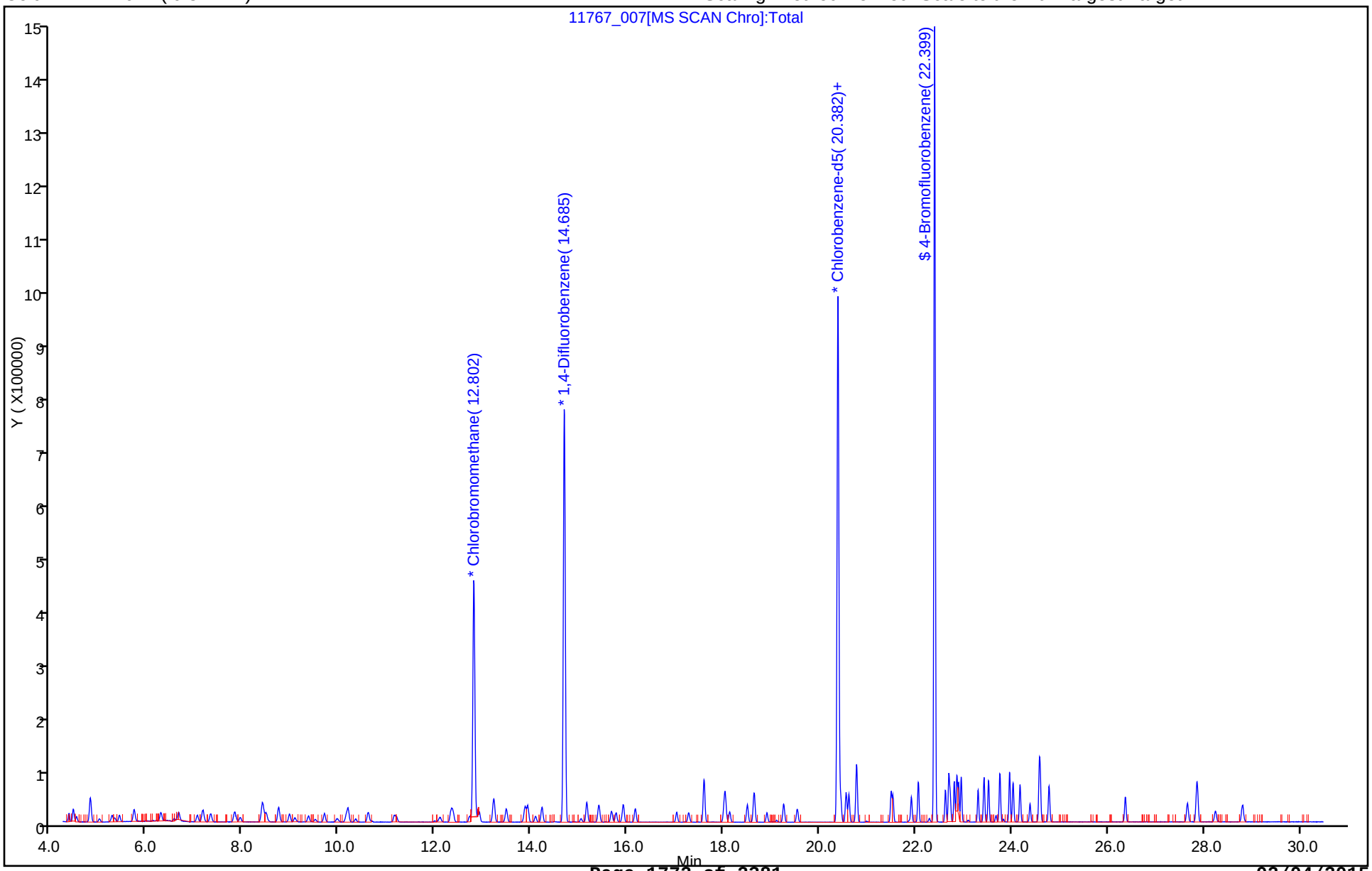
Report Date: 26-Jan-2015 10:25:38 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_007.d

Injection Date:	23-Jan-2015 15:25:30	Instrument ID:	CHW.i	Operator ID:	pad
Lims ID:	IC			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

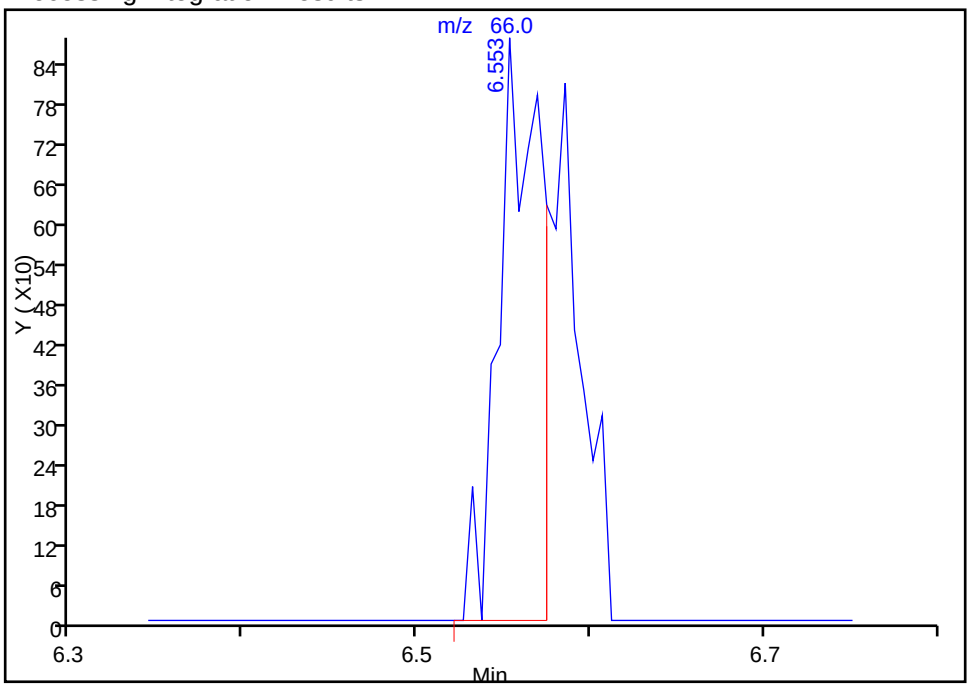
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_007.d
Injection Date: 23-Jan-2015 15:25:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

14 Chloroethane, CAS: 75-00-3

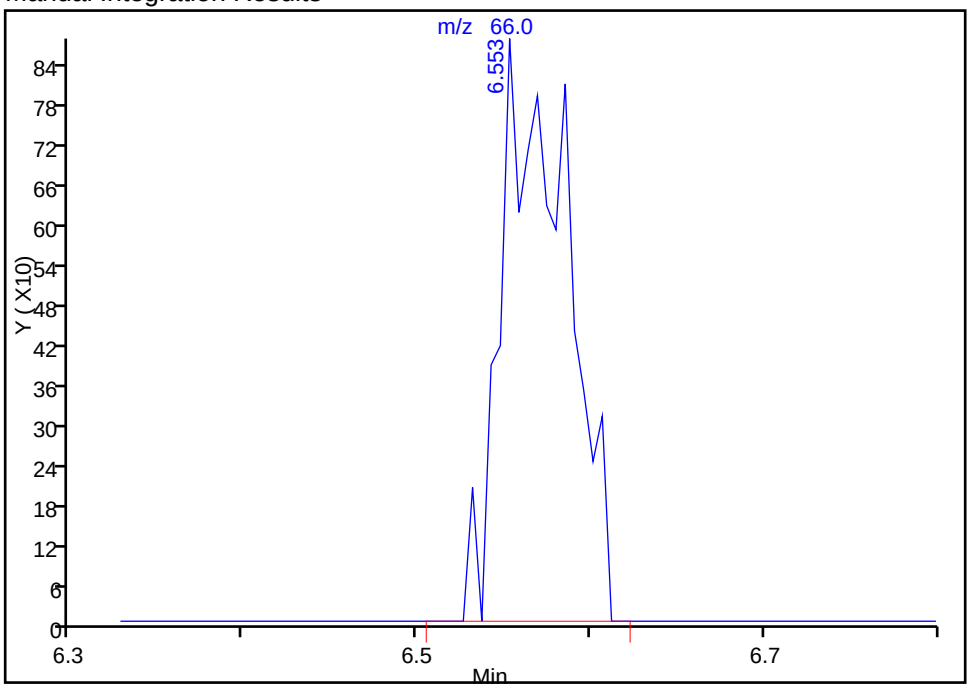
Processing Integration Results

RT: 6.55
Area: 1480
Amount: 0.523272
Amount Units: ppb v/v



Manual Integration Results

RT: 6.55
Area: 2355
Amount: 0.523272
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:32:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_007.d				
Injection Date:	23-Jan-2015 15:25:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	pad	ALS Bottle#:	3	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

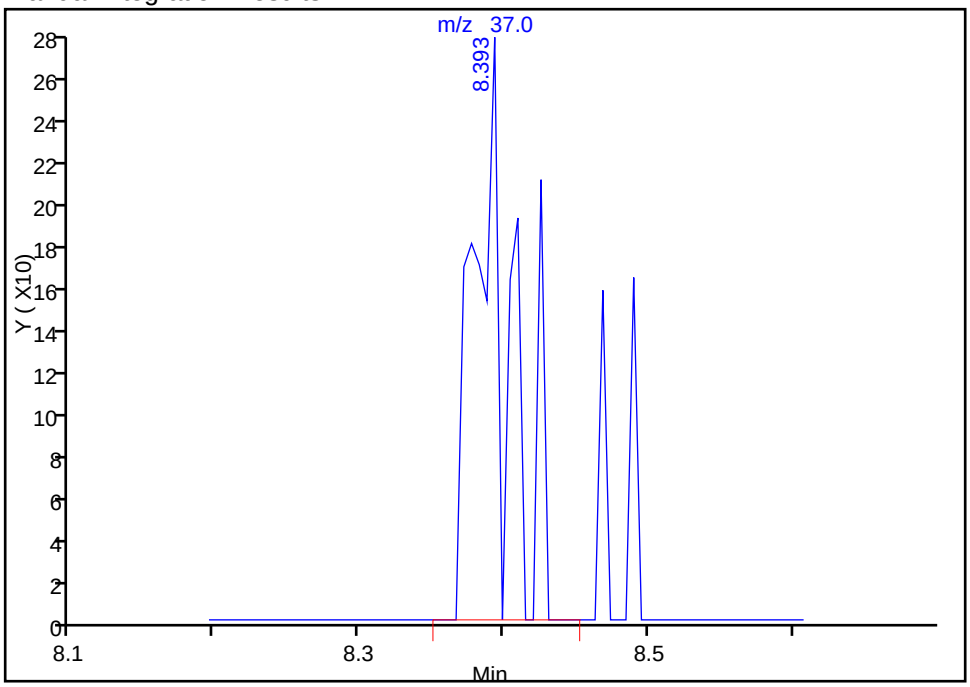
22 Acrolein, CAS: 107-02-8

Processing Integration Results

RT: 8.37
Area: 0
Amount: 0.643495
Amount Units: ppb v/v

Manual Integration Results

RT: 8.39
Area: 478
Amount: 0.708177
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:32:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

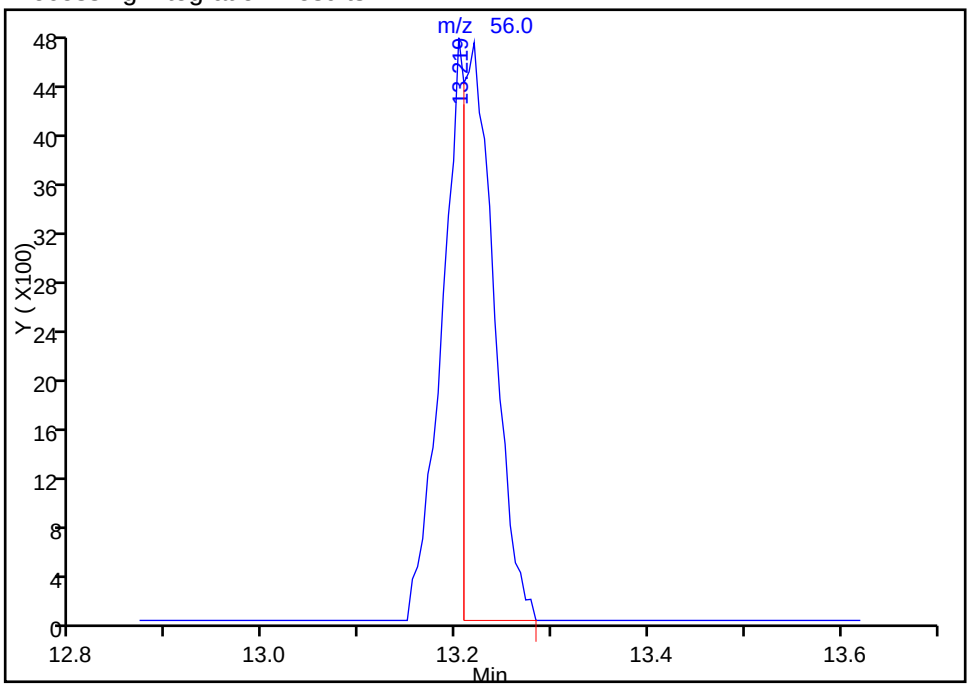
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_007.d
Injection Date: 23-Jan-2015 15:25:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

46 Cyclohexane, CAS: 110-82-7

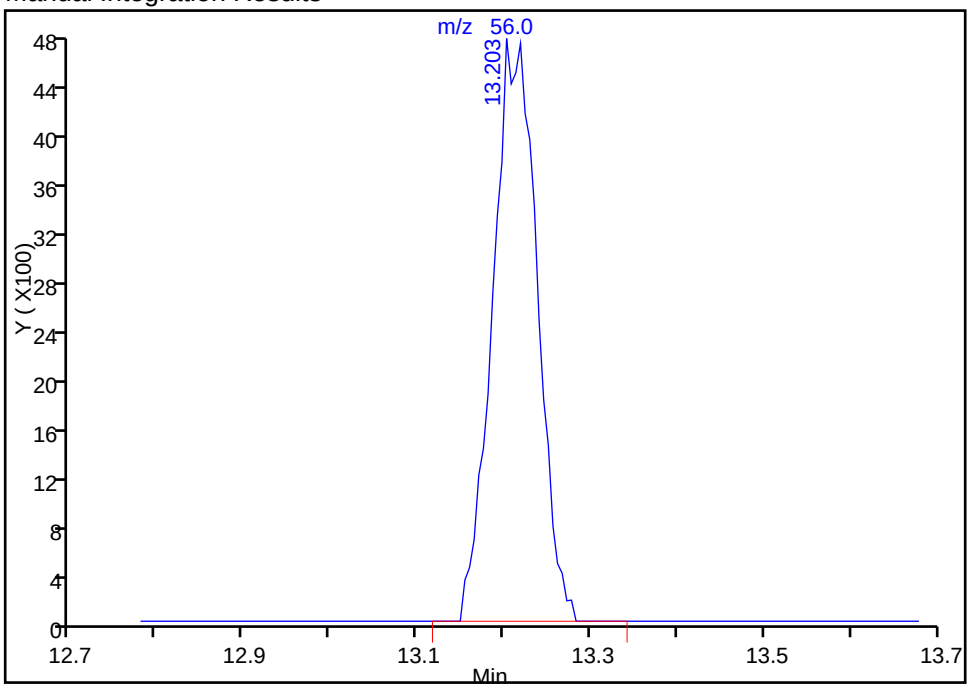
Processing Integration Results

RT: 13.22
Area: 10492
Amount: 0.458364
Amount Units: ppb v/v



Manual Integration Results

RT: 13.20
Area: 17027
Amount: 0.458364
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:32:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

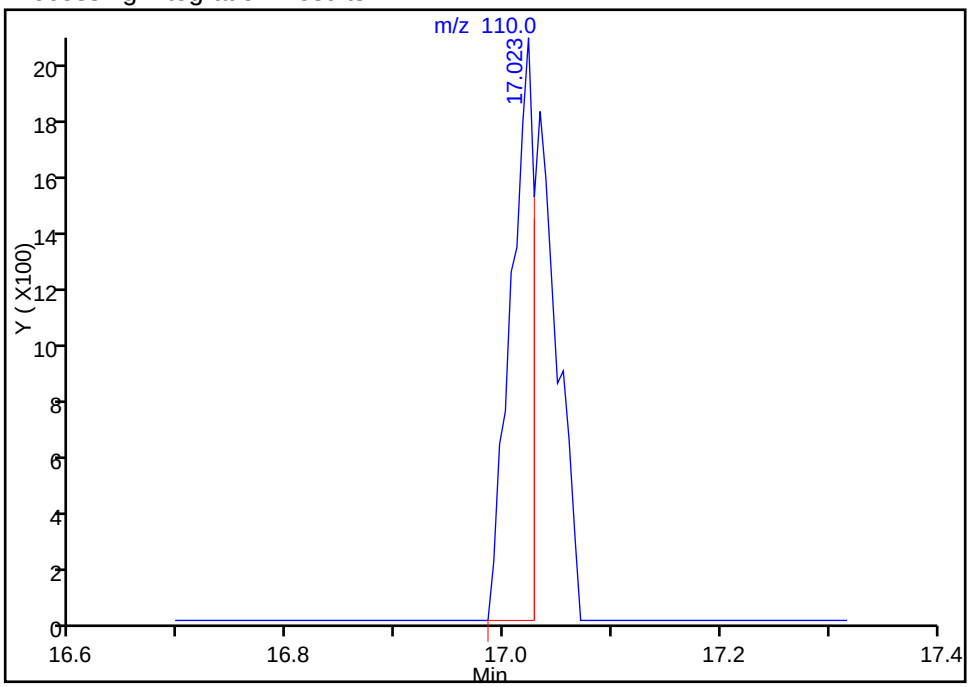
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_007.d
Injection Date: 23-Jan-2015 15:25:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

64 cis-1,3-Dichloropropene, CAS: 10061-01-5

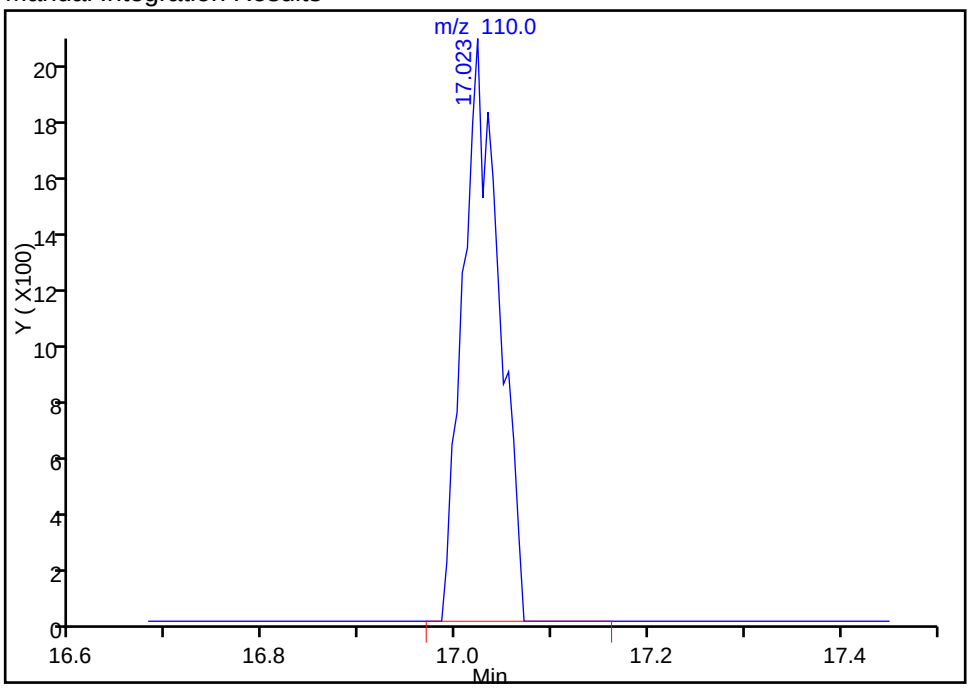
Processing Integration Results

RT: 17.02
Area: 2987
Amount: 0.431722
Amount Units: ppb v/v



Manual Integration Results

RT: 17.02
Area: 5274
Amount: 0.431722
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:32:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

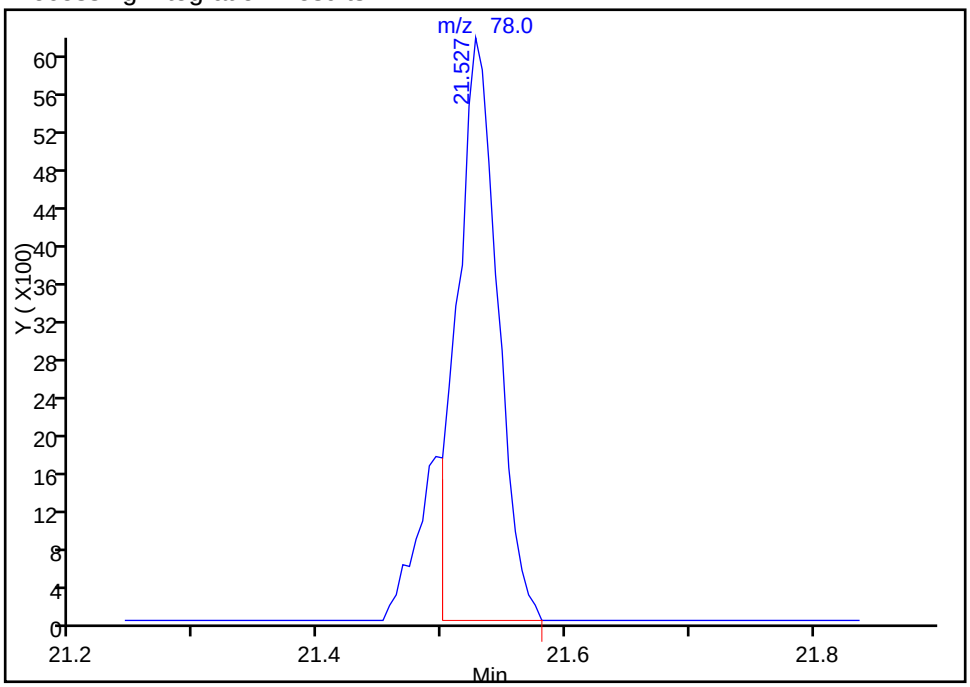
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_007.d
Injection Date: 23-Jan-2015 15:25:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

84 Styrene, CAS: 100-42-5

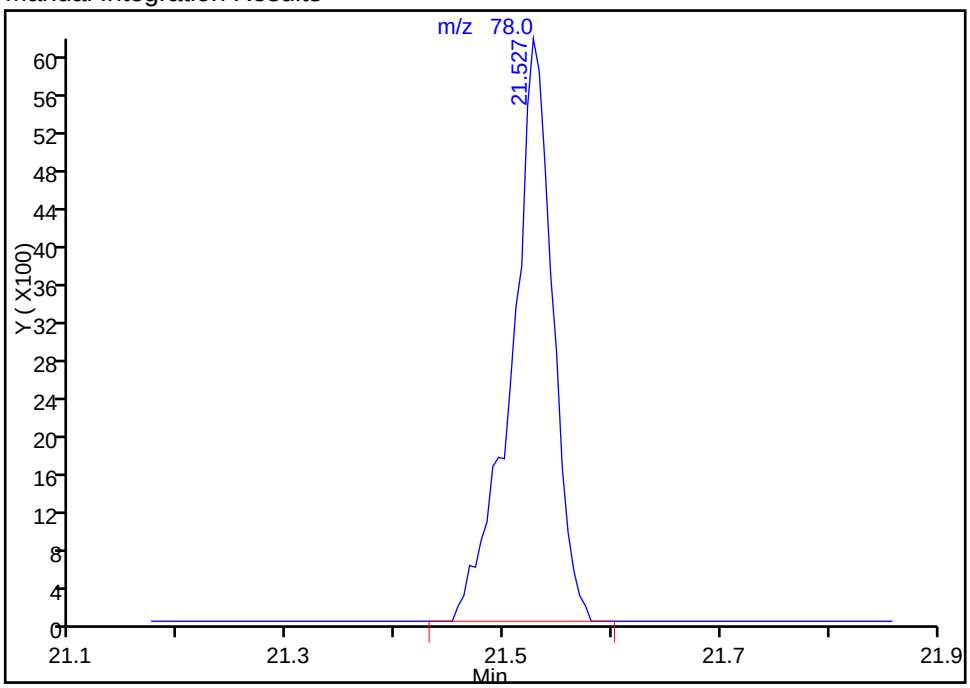
Processing Integration Results

RT: 21.53
Area: 13935
Amount: 0.412625
Amount Units: ppb v/v



Manual Integration Results

RT: 21.53
Area: 16131
Amount: 0.412625
Amount Units: ppb v/v



Reviewer: daiglep, 26-Jan-2015 09:32:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_008.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-Jan-2015 16:16:30 ALS Bottle#: 4 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011767-008
Misc. Info.: ic
Operator ID: pad Instrument ID: CHW.i
Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2

Method: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jan-2015 10:25:40 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: daiglep Date: 26-Jan-2015 09:33:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.387	4.365	0.022	97	88305	4.99	5.51	
2 Dichlorodifluoromethane	85	4.483	4.456	0.027	99	362169	4.99	5.39	
6 Chlorodifluoromethane	51	4.547	4.520	0.027	97	175127	4.99	5.40	
7 1,2-Dichloro-1,1,2,2-tetra	85	4.825	4.804	0.021	94	375568	4.99	5.41	
8 Chloromethane	50	5.018	4.996	0.022	98	107846	4.99	5.49	
9 Butane	43	5.280	5.259	0.021	99	177196	4.99	5.51	
10 Vinyl chloride	62	5.339	5.317	0.022	98	143334	4.99	5.63	
11 Butadiene	54	5.430	5.414	0.016	92	100268	4.99	5.60	
12 Bromomethane	94	6.296	6.275	0.021	99	172475	4.99	5.58	
13 BFB									
14 Chloroethane	64	6.580	6.553	0.027	98	76701	4.99	5.55	
15 2-Methylbutane	43	6.666	6.644	0.022	93	124820	4.99	5.47	
16 Vinyl bromide	106	7.051	7.035	0.016	100	165522	4.99	5.36	
17 Trichlorofluoromethane	101	7.163	7.152	0.011	98	347335	4.99	5.35	
18 Pentane	43	7.329	7.313	0.016	96	178462	4.99	5.42	
19 Ethanol	45	7.800	7.778	0.022	99	83914	10.0	12.0	
21 Ethyl ether	59	7.923	7.901	0.022	91	78753	4.99	5.37	
22 Acrolein	56	8.372	8.361	0.011	94	35045	4.99	4.97	
23 1,1,2-Trichloro-1,2,2-trif	101	8.404	8.399	0.005	96	297403	4.99	5.37	
24 1,1-Dichloroethene	96	8.479	8.468	0.011	90	145497	4.99	5.34	
25 Acetone	43	8.720	8.704	0.016	91	202927	4.99	7.10	
26 Carbon disulfide	76	8.966	8.955	0.011	98	368006	4.99	5.44	
27 Isopropyl alcohol	45	9.030	9.009	0.021	98	127412	4.99	6.06	
29 3-Chloro-1-propene	41	9.362	9.351	0.011	91	120981	4.99	5.39	
30 Acetonitrile	41	9.490	9.479	0.011	99	74986	4.99	5.76	
31 Methylene Chloride	49	9.688	9.683	0.005	82	118486	4.99	5.35	
32 2-Methyl-2-propanol	59	9.902	9.881	0.021	99	180223	4.99	5.67	
33 Methyl tert-butyl ether	73	10.137	10.116	0.021	96	344223	4.99	5.43	
34 trans-1,2-Dichloroethene	61	10.191	10.180	0.011	87	166831	4.99	5.49	
S 41 1,2-Dichloroethene, Total	61				0		9.99	10.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Acrylonitrile	53	10.335	10.325	0.010	96	81826	4.99	5.36	
36 Hexane	57	10.603	10.592	0.011	87	181440	4.99	5.52	
37 1,1-Dichloroethane	63	11.154	11.143	0.011	99	220739	4.99	5.59	
38 Vinyl acetate	43	11.191	11.181	0.010	99	251705	4.99	5.32	
39 cis-1,2-Dichloroethene	96	12.325	12.320	0.005	92	163796	4.99	5.31	
40 2-Butanone (MEK)	72	12.342	12.336	0.006	100	76391	4.99	5.36	
42 Ethyl acetate	88	12.368	12.358	0.010	96	12679	4.99	5.22	
* 43 Chlorobromomethane	128	12.807	12.802	0.005	75	242696	10.0	10.0	
44 Tetrahydrofuran	42	12.823	12.807	0.016	88	113301	4.99	5.28	
45 Chloroform	83	12.914	12.914	0.000	99	265737	4.99	5.36	
46 Cyclohexane	84	13.214	13.208	0.006	82	202942	4.99	5.28	
47 1,1,1-Trichloroethane	97	13.224	13.219	0.005	97	273851	4.99	5.17	
48 Carbon tetrachloride	117	13.481	13.476	0.005	97	296358	4.99	5.32	
51 Isooctane	57	13.872	13.866	0.006	99	589492	4.99	5.42	
50 Benzene	78	13.930	13.925	0.005	93	441280	4.99	5.24	
52 1,2-Dichloroethane	62	14.091	14.086	0.005	96	139874	4.99	5.28	
53 n-Heptane	43	14.225	14.219	0.006	85	190071	4.99	5.53	
* 54 1,4-Difluorobenzene	114	14.690	14.685	0.005	91	1125406	10.0	10.0	
A 57 GRO	1	14.736	(6.634-22.816)		0	54521812	4.99	0	
55 n-Butanol	56	15.016	14.990	0.026	83	55033	4.99	5.21	
56 Trichloroethene	95	15.155	15.155	0.000	92	201777	4.99	5.29	
58 1,2-Dichloropropane	63	15.674	15.669	0.005	94	149154	4.99	5.32	
59 Methyl methacrylate	69	15.760	15.755	0.005	82	144755	4.99	5.13	
60 1,4-Dioxane	88	15.862	15.851	0.011	87	70859	4.99	5.52	
61 Dibromomethane	174	15.921	15.915	0.005	90	240662	4.99	4.97	
62 Dichlorobromomethane	83	16.167	16.167	0.000	98	293726	4.99	5.28	
A 63 TVOC as Toluene	92	16.595	(4.355-28.823)		0	96712214	4.99	1333.1	
64 cis-1,3-Dichloropropene	75	17.028	17.028	0.000	87	221091	4.99	5.29	
65 4-Methyl-2-pentanone (MIBK	43	17.263	17.258	0.005	92	233905	4.99	5.22	
A 67 Toluene Range	92	17.600	(17.555-17.635)		0	2508147	4.99	36.9	
66 Toluene	92	17.600	17.595	0.005	93	360455	4.99	5.30	
A 68 C8 Range	1	17.600	(17.545-17.645)		0	2508147	NC	NC	
69 n-Octane	43	17.595	17.595	0.000	85	272316	4.99	5.74	
70 trans-1,3-Dichloropropene	75	18.130	18.130	0.000	92	224577	4.99	5.35	
71 1,1,2-Trichloroethane	83	18.504	18.499	0.005	95	164632	4.99	5.32	
72 Tetrachloroethene	166	18.638	18.638	0.000	95	359951	4.99	5.08	
73 2-Hexanone	43	18.895	18.884	0.011	92	219764	4.99	5.14	
74 Chlorodibromomethane	129	19.259	19.253	0.006	98	390932	4.99	5.19	
75 Ethylene Dibromide	107	19.537	19.537	0.000	99	324707	4.99	5.23	
S 82 Xylenes, Total	106				0		15.0	16.3	
* 76 Chlorobenzene-d5	117	20.388	20.382	0.006	80	1055079	10.0	10.0	
77 Chlorobenzene	112	20.441	20.441	0.000	100	525472	4.99	5.17	
78 Ethylbenzene	91	20.559	20.553	0.006	96	754820	4.99	5.34	
79 n-Nonane	57	20.612	20.612	0.000	84	300749	4.99	5.57	
80 m-Xylene & p-Xylene	106	20.773	20.773	0.000	98	694703	9.99	10.9	
83 o-Xylene	106	21.495	21.490	0.005	96	334167	4.99	5.39	
84 Styrene	104	21.532	21.532	0.000	98	519266	4.99	5.48	
85 Bromoform	173	21.912	21.912	0.000	99	433859	4.99	5.08	
86 Isopropylbenzene	105	22.057	22.057	0.000	93	940599	4.99	5.54	
$ 87 4-Bromofluorobenzene	95	22.399	22.399	0.000	97	662678	NC	NC	
88 1,1,2,2-Tetrachloroethane	83	22.624	22.624	0.000	98	443355	4.99	5.37	
90 N-Propylbenzene	91	22.693	22.693	0.000	100	1084429	4.99	5.59	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	22.725	22.720	0.005	94	321453	4.99	5.27	
93 n-Decane	57	22.806	22.806	0.000	84	397042	4.99	5.47	
91 4-Ethyltoluene	105	22.859	22.859	0.000	97	956507	4.99	5.50	
92 2-Chlorotoluene	91	22.897	22.897	0.001	93	737329	4.99	5.36	
94 1,3,5-Trimethylbenzene	105	22.950	22.950	0.000	95	781813	4.99	5.46	
95 Alpha Methyl Styrene	118	23.303	23.303	0.000	93	420977	4.99	5.46	
96 tert-Butylbenzene	119	23.426	23.426	0.000	96	798644	4.99	5.49	
97 1,2,4-Trimethylbenzene	105	23.522	23.522	0.000	95	790470	4.99	5.55	
98 sec-Butylbenzene	105	23.758	23.758	0.000	99	1197759	4.99	5.64	
99 4-Isopropyltoluene	119	23.961	23.961	0.000	98	1044161	4.99	5.67	
100 1,3-Dichlorobenzene	146	24.036	24.031	0.005	99	630797	4.99	5.35	
101 1,4-Dichlorobenzene	146	24.175	24.175	0.000	97	618976	4.99	5.38	
102 Benzyl chloride	91	24.384	24.384	0.000	100	573728	4.99	5.37	
104 Undecane	57	24.571	24.571	0.000	92	456154	4.99	5.62	
103 n-Butylbenzene	91	24.598	24.592	0.006	97	908070	4.99	5.73	
105 1,2-Dichlorobenzene	146	24.785	24.780	0.005	100	603096	4.99	5.35	
106 Dodecane	57	26.363	26.368	-0.005	93	413470	4.99	5.40	
107 1,2,4-Trichlorobenzene	180	27.658	27.663	-0.005	93	375865	4.99	4.42	
108 Hexachlorobutadiene	225	27.861	27.861	0.000	96	410303	4.99	4.96	
109 Naphthalene	128	28.241	28.246	-0.005	99	893748	4.99	5.53	
110 1,2,3-Trichlorobenzene	180	28.808	28.813	-0.005	95	352314	4.99	4.74	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL3w_00140	Amount Added: 200.00	Units: mL	
ATTO15WISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

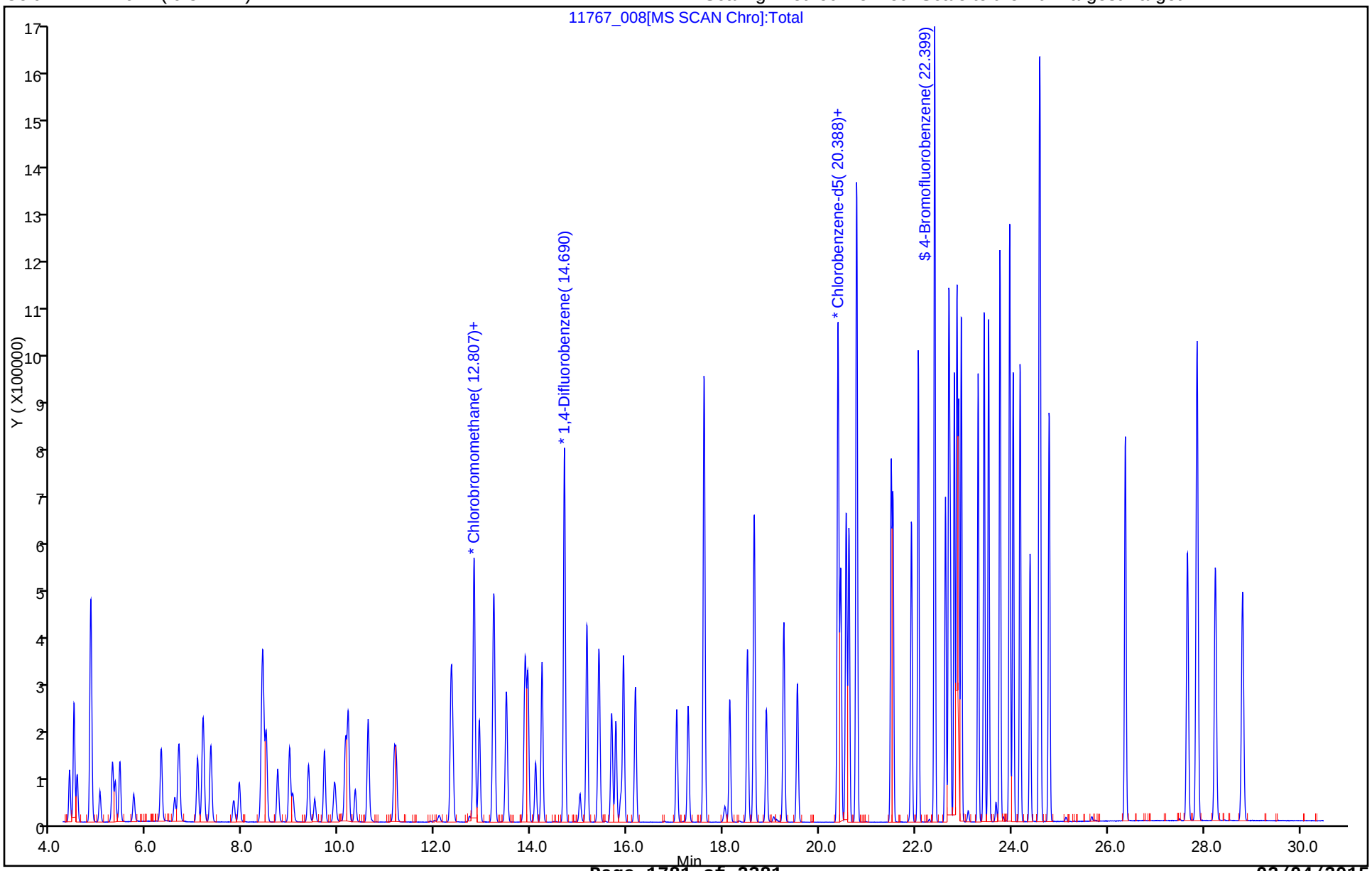
Report Date: 26-Jan-2015 10:25:41 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_008.d

Injection Date:	23-Jan-2015 16:16:30	Instrument ID:	CHW.i	Operator ID:	pad
Lims ID:	IC			Worklist Smp#:	8
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_009.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 23-Jan-2015 17:06:30 ALS Bottle#: 5 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011767-009
Misc. Info.: icis
Operator ID: pad Instrument ID: CHW.i
Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2

Method: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jan-2015 10:25:43 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: daiglep Date: 26-Jan-2015 09:14:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.365	4.365	0.000	98	201589	10.0	11.0	
2 Dichlorodifluoromethane	85	4.456	4.456	0.000	99	861328	10.0	11.2	
6 Chlorodifluoromethane	51	4.520	4.520	0.000	97	412125	10.0	11.1	
7 1,2-Dichloro-1,1,2,2-tetra	85	4.804	4.804	0.000	95	896406	10.0	11.3	
8 Chloromethane	50	4.996	4.996	0.000	99	247429	10.0	11.0	
9 Butane	43	5.259	5.259	0.000	99	412331	10.0	11.2	
10 Vinyl chloride	62	5.317	5.317	0.000	98	343331	10.0	11.8	
11 Butadiene	54	5.414	5.414	0.000	92	242097	10.0	11.9	
12 Bromomethane	94	6.275	6.275	0.000	99	416104	10.0	11.8	
13 BFB									
14 Chloroethane	64	6.553	6.553	0.000	98	183291	10.0	11.6	
15 2-Methylbutane	43	6.644	6.644	0.000	92	291063	10.0	11.2	
16 Vinyl bromide	106	7.035	7.035	0.000	99	392290	10.0	11.1	
17 Trichlorofluoromethane	101	7.152	7.152	0.000	98	817864	10.0	11.0	
18 Pentane	43	7.313	7.313	0.000	97	414670	10.0	11.0	
19 Ethanol	45	7.778	7.778	0.000	99	126526	15.0	15.8	
21 Ethyl ether	59	7.901	7.901	0.000	92	186129	10.0	11.1	
22 Acrolein	56	8.361	8.361	0.000	95	91566	10.0	11.4	
23 1,1,2-Trichloro-1,2,2-trif	101	8.399	8.399	0.000	95	687466	10.0	10.9	
24 1,1-Dichloroethene	96	8.468	8.468	0.000	90	340665	10.0	11.0	
25 Acetone	43	8.704	8.704	0.000	91	335518	10.0	10.3	
26 Carbon disulfide	76	8.955	8.955	0.000	98	836556	10.0	10.8	
27 Isopropyl alcohol	45	9.009	9.009	0.000	98	245349	10.0	10.2	
29 3-Chloro-1-propene	41	9.351	9.351	0.000	90	282758	10.0	11.0	
30 Acetonitrile	41	9.479	9.479	0.000	100	162172	10.0	10.9	
31 Methylene Chloride	49	9.683	9.683	0.000	82	269650	10.0	10.7	
32 2-Methyl-2-propanol	59	9.881	9.881	0.000	99	370978	10.0	10.2	
33 Methyl tert-butyl ether	73	10.116	10.116	0.000	96	813054	10.0	11.2	
34 trans-1,2-Dichloroethene	61	10.180	10.180	0.000	86	389075	10.0	11.2	
S 41 1,2-Dichloroethene, Total	61				0		20.0	22.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Acrylonitrile	53	10.325	10.325	0.000	96	192605	10.0	11.0	
36 Hexane	57	10.592	10.592	0.000	87	427718	10.0	11.4	
37 1,1-Dichloroethane	63	11.143	11.143	0.000	99	506012	10.0	11.2	
38 Vinyl acetate	43	11.181	11.181	0.000	99	586555	10.0	10.9	
39 cis-1,2-Dichloroethene	96	12.320	12.320	0.000	95	391165	10.0	11.1	
40 2-Butanone (MEK)	72	12.336	12.336	0.000	100	166885	10.0	10.3	
42 Ethyl acetate	88	12.358	12.358	0.000	98	30301	10.0	10.9	
* 43 Chlorobromomethane	128	12.802	12.802	0.000	74	277051	10.0	10.0	
44 Tetrahydrofuran	42	12.807	12.807	0.000	88	264809	10.0	11.1	
45 Chloroform	83	12.914	12.914	0.000	99	623930	10.0	11.0	
46 Cyclohexane	84	13.208	13.208	0.000	84	493719	10.0	11.5	
47 1,1,1-Trichloroethane	97	13.219	13.219	0.000	97	657999	10.0	11.1	
48 Carbon tetrachloride	117	13.476	13.476	0.000	97	708390	10.0	11.4	
51 Isooctane	57	13.866	13.866	0.000	99	1417115	10.0	11.7	
50 Benzene	78	13.925	13.925	0.000	93	1043798	10.0	11.1	
52 1,2-Dichloroethane	62	14.086	14.086	0.000	96	329142	10.0	11.1	
53 n-Heptane	43	14.219	14.219	0.000	84	448030	10.0	11.7	
* 54 1,4-Difluorobenzene	114	14.685	14.685	0.000	91	1254921	10.0	10.0	
A 57 GRO	1	14.725	(6.634-22.816)		0	129508157	10.0	0	
55 n-Butanol	56	14.990	14.990	0.000	83	118022	10.0	10.0	
56 Trichloroethene	95	15.155	15.155	0.000	91	482158	10.0	11.3	
58 1,2-Dichloropropane	63	15.669	15.669	0.000	94	354213	10.0	11.3	
59 Methyl methacrylate	69	15.755	15.755	0.000	79	352135	10.0	11.2	
60 1,4-Dioxane	88	15.851	15.851	0.000	86	147791	10.0	10.3	
61 Dibromomethane	174	15.915	15.915	0.000	89	597941	10.0	11.1	
62 Dichlorobromomethane	83	16.167	16.167	0.000	98	705293	10.0	11.4	
A 63 TVOC as Toluene	92	16.589	(4.355-28.823)		0	225696093	10.0	2790.0	
64 cis-1,3-Dichloropropene	75	17.028	17.028	0.000	86	540549	10.0	11.6	
65 4-Methyl-2-pentanone (MIBK	43	17.258	17.258	0.000	92	567720	10.0	11.4	
A 67 Toluene Range	92	17.595	(17.555-17.635)		0	6072978	10.0	79.9	
66 Toluene	92	17.595	17.595	0.000	93	879291	10.0	11.6	
A 68 C8 Range	1	17.595	(17.545-17.645)		0	6072978	NC	NC	
69 n-Octane	43	17.595	17.595	0.000	86	650459	10.0	12.3	
70 trans-1,3-Dichloropropene	75	18.130	18.130	0.000	92	546894	10.0	11.7	
71 1,1,2-Trichloroethane	83	18.499	18.499	0.000	95	387706	10.0	11.2	
72 Tetrachloroethene	166	18.638	18.638	0.000	94	894559	10.0	11.3	
73 2-Hexanone	43	18.884	18.884	0.000	91	535984	10.0	11.2	
74 Chlorodibromomethane	129	19.253	19.253	0.000	98	962619	10.0	11.4	
75 Ethylene Dibromide	107	19.537	19.537	0.000	99	788693	10.0	11.4	
S 82 Xylenes, Total	106				0		30.0	35.5	
* 76 Chlorobenzene-d5	117	20.382	20.382	0.000	80	1179187	10.0	10.0	
77 Chlorobenzene	112	20.441	20.441	0.000	99	1265094	10.0	11.1	
78 Ethylbenzene	91	20.553	20.553	0.000	96	1821869	10.0	11.5	
79 n-Nonane	57	20.612	20.612	0.000	92	711725	10.0	11.8	
80 m-Xylene & p-Xylene	106	20.773	20.773	0.000	97	1697407	20.0	23.8	
83 o-Xylene	106	21.490	21.490	0.000	96	815235	10.0	11.8	
84 Styrene	104	21.532	21.532	0.000	98	1248384	10.0	11.8	
85 Bromoform	173	21.912	21.912	0.000	99	1125252	10.0	11.8	
86 Isopropylbenzene	105	22.057	22.057	0.000	93	2260252	10.0	11.9	
$ 87 4-Bromofluorobenzene	95	22.399	22.399	0.000	97	740919	NC	NC	
88 1,1,2,2-Tetrachloroethane	83	22.624	22.624	0.000	98	1054905	10.0	11.4	
90 N-Propylbenzene	91	22.693	22.693	0.000	99	2582675	10.0	11.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	22.720	22.720	0.000	95	760752	10.0	11.2	
93 n-Decane	57	22.806	22.806	0.000	82	913603	10.0	11.3	
91 4-Ethyltoluene	105	22.859	22.859	0.000	97	2266998	10.0	11.7	
92 2-Chlorotoluene	91	22.897	22.897	0.000	93	1747109	10.0	11.4	
94 1,3,5-Trimethylbenzene	105	22.950	22.950	0.000	95	1844628	10.0	11.5	
95 Alpha Methyl Styrene	118	23.303	23.303	0.000	93	1011216	10.0	11.7	
96 tert-Butylbenzene	119	23.426	23.426	0.000	96	1906693	10.0	11.7	
97 1,2,4-Trimethylbenzene	105	23.522	23.522	0.000	95	1837550	10.0	11.5	
98 sec-Butylbenzene	105	23.758	23.758	0.000	99	2823204	10.0	11.9	
99 4-Isopropyltoluene	119	23.961	23.961	0.000	97	2450582	10.0	11.9	
100 1,3-Dichlorobenzene	146	24.031	24.031	0.000	99	1480874	10.0	11.2	
101 1,4-Dichlorobenzene	146	24.175	24.175	0.000	98	1455267	10.0	11.3	
102 Benzyl chloride	91	24.384	24.384	0.000	99	1464528	10.0	12.3	
104 Undecane	57	24.571	24.571	0.000	91	978820	10.0	10.8	
103 n-Butylbenzene	91	24.592	24.592	0.000	97	2090103	10.0	11.8	
105 1,2-Dichlorobenzene	146	24.780	24.780	0.000	100	1409342	10.0	11.2	
106 Dodecane	57	26.368	26.368	0.000	92	684264	10.0	8.00	
107 1,2,4-Trichlorobenzene	180	27.663	27.663	0.000	93	867951	10.0	9.13	
108 Hexachlorobutadiene	225	27.861	27.861	0.000	97	1025574	10.0	11.1	
109 Naphthalene	128	28.246	28.246	0.000	99	1477962	10.0	8.18	
110 1,2,3-Trichlorobenzene	180	28.813	28.813	0.000	94	805227	10.0	9.69	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL4w_00421	Amount Added: 200.00	Units: mL	
ATTO15WISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

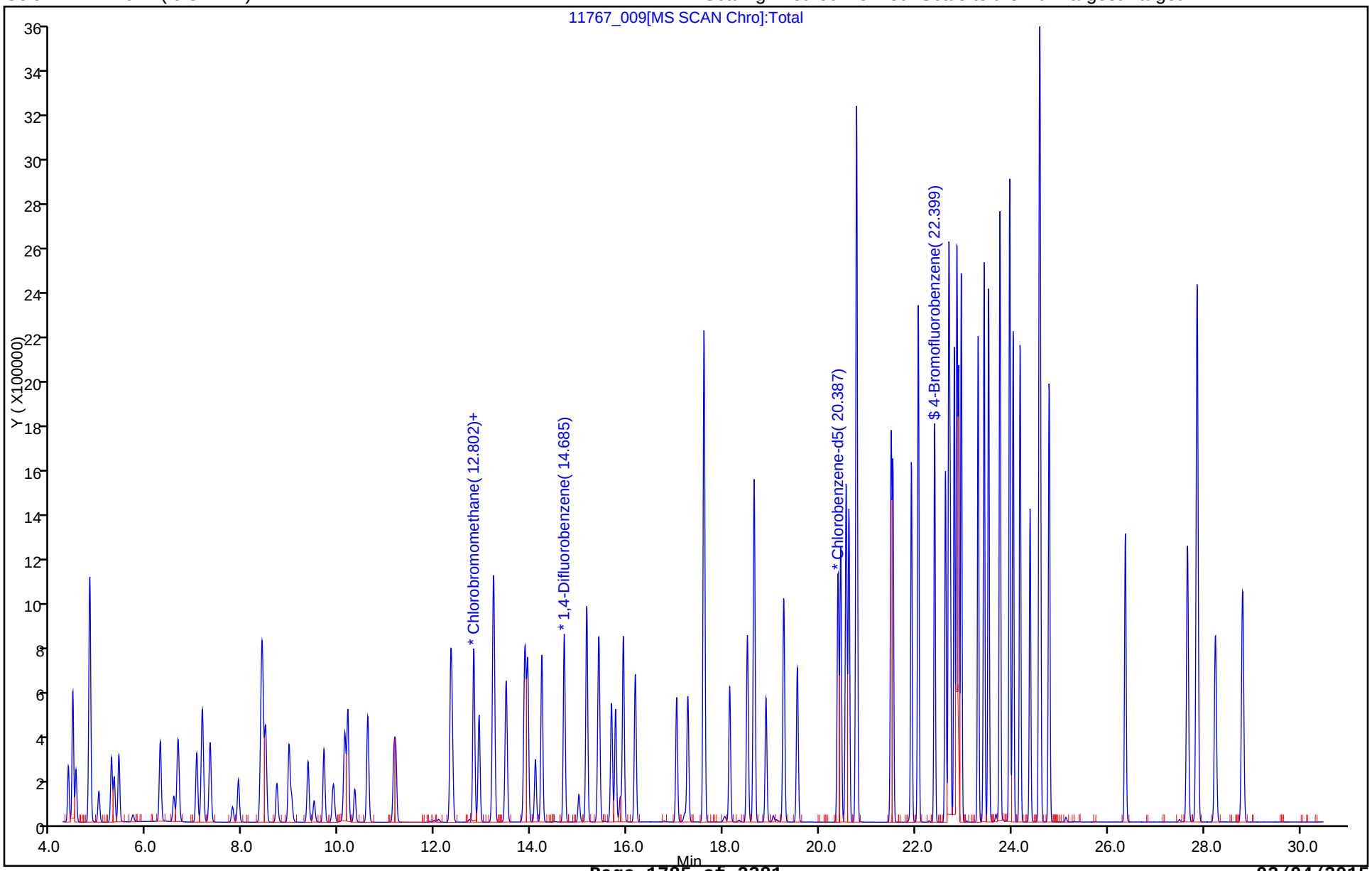
Report Date: 26-Jan-2015 10:25:43 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_009.d

Injection Date:	23-Jan-2015 17:06:30	Instrument ID:	CHW.i	Operator ID:	pad
Lims ID:	ICIS			Worklist Smp#:	9
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_010.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 23-Jan-2015 17:55:30 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011767-010
Misc. Info.: ic
Operator ID: pad Instrument ID: CHW.i
Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2

Method: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jan-2015 10:25:46 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: daiglep Date: 26-Jan-2015 09:35:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.365	4.365	0.000	98	309843	15.0	14.0	
2 Dichlorodifluoromethane	85	4.461	4.456	0.005	99	1354091	15.0	14.6	
6 Chlorodifluoromethane	51	4.526	4.520	0.006	97	650201	15.0	14.5	
7 1,2-Dichloro-1,1,2,2-tetra	85	4.809	4.804	0.005	94	1430073	15.0	14.9	
8 Chloromethane	50	5.002	4.996	0.006	98	388916	15.0	14.3	
9 Butane	43	5.264	5.259	0.005	98	648912	15.0	14.6	
10 Vinyl chloride	62	5.317	5.317	0.000	97	544302	15.0	15.4	
11 Butadiene	54	5.414	5.414	0.000	92	383647	15.0	15.5	
12 Bromomethane	94	6.275	6.275	0.000	99	635432	15.0	14.9	
13 BFB									
14 Chloroethane	64	6.559	6.553	0.006	99	276462	15.0	14.5	
15 2-Methylbutane	43	6.644	6.644	0.000	92	448745	15.0	14.2	
16 Vinyl bromide	106	7.035	7.035	0.000	99	642599	15.0	15.0	
17 Trichlorofluoromethane	101	7.152	7.152	0.000	98	1333715	15.0	14.8	
18 Pentane	43	7.313	7.313	0.000	96	661952	15.0	14.5	
19 Ethanol	45	7.768	7.778	-0.010	98	180140	20.0	18.5	
21 Ethyl ether	59	7.896	7.901	-0.005	92	304462	15.0	15.0	
22 Acrolein	56	8.356	8.361	-0.005	94	149429	15.0	15.3	
23 1,1,2-Trichloro-1,2,2-trif	101	8.394	8.399	-0.005	95	1137886	15.0	14.8	
24 1,1-Dichloroethene	96	8.468	8.468	0.000	89	562304	15.0	14.9	
25 Acetone	43	8.698	8.704	-0.006	91	562505	15.0	14.2	
26 Carbon disulfide	76	8.955	8.955	0.000	98	1366036	15.0	14.6	
27 Isopropyl alcohol	45	8.993	9.009	-0.016	98	412626	15.0	14.2	
29 3-Chloro-1-propene	41	9.351	9.351	0.000	90	465441	15.0	15.0	
30 Acetonitrile	41	9.474	9.479	-0.005	100	264186	15.0	14.7	
31 Methylene Chloride	49	9.683	9.683	0.000	82	434408	15.0	14.2	
32 2-Methyl-2-propanol	59	9.865	9.881	-0.016	99	628363	15.0	14.3	
33 Methyl tert-butyl ether	73	10.111	10.116	-0.005	96	1356527	15.0	15.4	
34 trans-1,2-Dichloroethene	61	10.180	10.180	0.000	85	634535	15.0	15.1	
S 41 1,2-Dichloroethene, Total	61				0		30.0	30.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Acrylonitrile	53	10.319	10.325	-0.006	97	314378	15.0	14.9	
36 Hexane	57	10.592	10.592	0.000	87	700437	15.0	15.4	
37 1,1-Dichloroethane	63	11.138	11.143	-0.005	99	829201	15.0	15.2	
38 Vinyl acetate	43	11.175	11.181	-0.006	99	983162	15.0	15.0	
39 cis-1,2-Dichloroethene	96	12.320	12.320	0.000	93	658770	15.0	15.4	
40 2-Butanone (MEK)	72	12.331	12.336	-0.005	100	272742	15.0	13.8	
42 Ethyl acetate	88	12.352	12.358	-0.006	99	48721	15.0	14.5	
* 43 Chlorobromomethane	128	12.802	12.802	0.000	73	335949	10.0	10.0	
44 Tetrahydrofuran	42	12.802	12.807	-0.005	87	430253	15.0	15.0	
45 Chloroform	83	12.909	12.914	-0.005	99	1025109	15.0	14.9	
46 Cyclohexane	84	13.208	13.208	0.000	82	825486	15.0	16.1	
47 1,1,1-Trichloroethane	97	13.219	13.219	0.000	96	1093733	15.0	15.5	
48 Carbon tetrachloride	117	13.476	13.476	0.000	96	1183870	15.0	15.9	
51 Isooctane	57	13.866	13.866	0.000	99	2326672	15.0	16.0	
50 Benzene	78	13.925	13.925	0.000	93	1715051	15.0	15.2	
52 1,2-Dichloroethane	62	14.086	14.086	0.000	96	542336	15.0	15.3	
53 n-Heptane	43	14.214	14.219	-0.005	83	726003	15.0	15.8	
* 54 1,4-Difluorobenzene	114	14.685	14.685	0.000	91	1502892	10.0	10.0	
A 57 GRO	1	14.725	(6.634-22.816)		0	214422686	15.0	0	
55 n-Butanol	56	14.979	14.990	-0.011	82	198972	15.0	14.1	
56 Trichloroethene	95	15.150	15.155	-0.005	91	799977	15.0	15.7	
58 1,2-Dichloropropane	63	15.669	15.669	0.000	94	585653	15.0	15.6	
59 Methyl methacrylate	69	15.755	15.755	0.000	79	591807	15.0	15.7	
60 1,4-Dioxane	88	15.846	15.851	-0.005	85	250098	15.0	14.6	
61 Dibromomethane	174	15.915	15.915	0.000	88	1010608	15.0	15.6	
62 Dichlorobromomethane	83	16.167	16.167	0.000	98	1162982	15.0	15.7	
A 63 TVOC as Toluene	92	16.589	(4.355-28.823)		0	386360001	15.0	3988.1	
64 cis-1,3-Dichloropropene	75	17.023	17.028	-0.005	86	909129	15.0	16.3	
65 4-Methyl-2-pentanone (MIBK	43	17.253	17.258	-0.005	91	954728	15.0	16.0	
A 67 Toluene Range	92	17.595	(17.555-17.635)		0	9981383	15.0	110.3	
66 Toluene	92	17.595	17.595	0.000	93	1463964	15.0	16.2	
A 68 C8 Range	1	17.595	(17.545-17.645)		0	9981383	NC	NC	
69 n-Octane	43	17.595	17.595	0.000	83	1042713	15.0	16.5	
70 trans-1,3-Dichloropropene	75	18.130	18.130	0.000	92	913629	15.0	16.3	
71 1,1,2-Trichloroethane	83	18.499	18.499	0.000	94	637761	15.0	15.5	
72 Tetrachloroethene	166	18.638	18.638	0.000	94	1528972	15.0	16.2	
73 2-Hexanone	43	18.884	18.884	0.000	92	924018	15.0	16.2	
74 Chlorodibromomethane	129	19.253	19.253	0.000	98	1617156	15.0	16.1	
75 Ethylene Dibromide	107	19.537	19.537	0.000	99	1317461	15.0	15.9	
S 82 Xylenes, Total	106				0		45.0	50.0	
* 76 Chlorobenzene-d5	117	20.382	20.382	0.000	80	1404199	10.0	10.0	
77 Chlorobenzene	112	20.441	20.441	0.000	100	2092587	15.0	15.5	
78 Ethylbenzene	91	20.553	20.553	0.000	96	3003985	15.0	16.0	
79 n-Nonane	57	20.612	20.612	0.000	82	1175583	15.0	16.3	
80 m-Xylene & p-Xylene	106	20.773	20.773	0.000	97	2847955	30.0	33.5	
83 o-Xylene	106	21.490	21.490	0.000	97	1365479	15.0	16.5	
84 Styrene	104	21.527	21.532	-0.005	98	2143059	15.0	17.0	
85 Bromoform	173	21.912	21.912	0.000	99	1937303	15.0	17.1	
86 Isopropylbenzene	105	22.057	22.057	0.000	93	3723413	15.0	16.5	
$ 87 4-Bromofluorobenzene	95	22.399	22.399	0.000	97	871199	NC	NC	
88 1,1,2,2-Tetrachloroethane	83	22.624	22.624	0.000	97	1729761	15.0	15.7	
90 N-Propylbenzene	91	22.693	22.693	0.000	99	4265180	15.0	16.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	22.720	22.720	0.000	93	1246058	15.0	15.4	
93 n-Decane	57	22.806	22.806	0.000	81	1535895	15.0	15.9	
91 4-Ethyltoluene	105	22.859	22.859	0.000	97	3799735	15.0	16.4	
92 2-Chlorotoluene	91	22.897	22.897	0.001	93	2914459	15.0	15.9	
94 1,3,5-Trimethylbenzene	105	22.955	22.950	0.005	95	3107661	15.0	16.3	
95 Alpha Methyl Styrene	118	23.303	23.303	0.000	93	1766744	15.0	17.2	
96 tert-Butylbenzene	119	23.426	23.426	0.000	96	3158607	15.0	16.3	
97 1,2,4-Trimethylbenzene	105	23.522	23.522	0.000	95	3154185	15.0	16.6	
98 sec-Butylbenzene	105	23.758	23.758	0.000	98	4653707	15.0	16.5	
99 4-Isopropyltoluene	119	23.961	23.961	0.000	97	4121109	15.0	16.8	
100 1,3-Dichlorobenzene	146	24.036	24.031	0.005	99	2590022	15.0	16.5	
101 1,4-Dichlorobenzene	146	24.180	24.175	0.005	97	2546555	15.0	16.6	
102 Benzyl chloride	91	24.384	24.384	0.000	99	2546572	15.0	17.9	
104 Undecane	57	24.576	24.571	0.005	90	1764023	15.0	16.3	
103 n-Butylbenzene	91	24.598	24.592	0.006	97	3616727	15.0	17.1	
105 1,2-Dichlorobenzene	146	24.785	24.780	0.005	99	2449080	15.0	16.3	
106 Dodecane	57	26.369	26.368	0.001	91	1666678	15.0	16.4	
107 1,2,4-Trichlorobenzene	180	27.663	27.663	0.000	93	1960337	15.0	17.3	
108 Hexachlorobutadiene	225	27.861	27.861	0.000	98	1880351	15.0	17.1	
109 Naphthalene	128	28.241	28.246	-0.005	99	3832988	15.0	17.8	
110 1,2,3-Trichlorobenzene	180	28.808	28.813	-0.005	95	1788571	15.0	18.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL5w_00050	Amount Added: 200.00	Units: mL	
ATTO15WISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

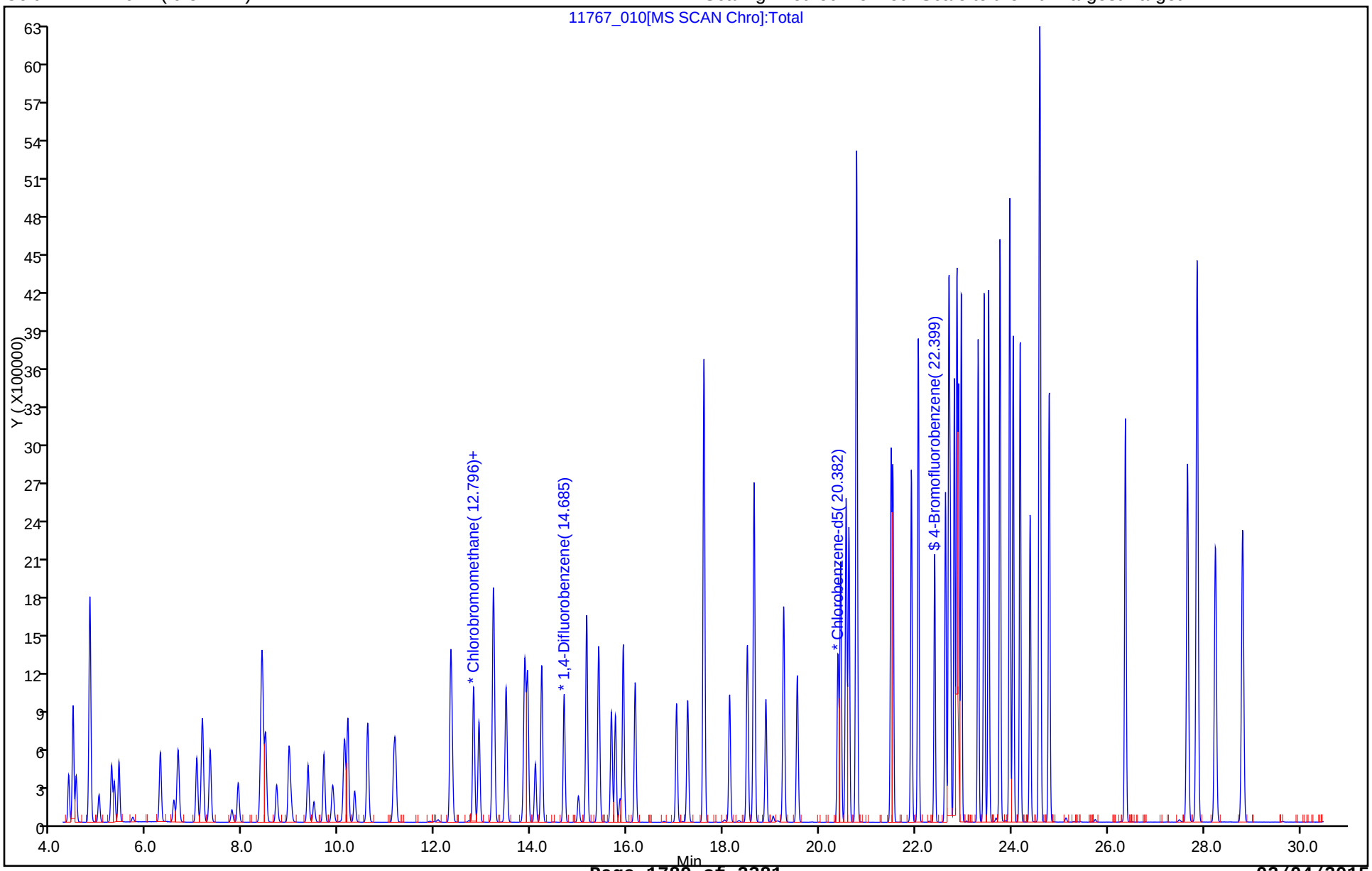
Report Date: 26-Jan-2015 10:25:46 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_010.d

Injection Date:	23-Jan-2015 17:55:30	Instrument ID:	CHW.i	Operator ID:	pad
Lims ID:	IC			Worklist Smp#:	10
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_011.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 23-Jan-2015 18:45:30 ALS Bottle#: 7 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011767-011
Misc. Info.: ic
Operator ID: pad Instrument ID: CHW.i
Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2

Method: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jan-2015 10:25:48 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: daiglep Date: 26-Jan-2015 09:36:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.360	4.365	-0.005	98	428813	20.0	17.6	
2 Dichlorodifluoromethane	85	4.451	4.456	-0.005	98	1913966	20.0	18.8	
6 Chlorodifluoromethane	51	4.520	4.520	0.000	97	907898	20.0	18.4	
7 1,2-Dichloro-1,1,2,2-tetra	85	4.804	4.804	0.000	96	2017036	20.0	19.1	
8 Chloromethane	50	4.997	4.996	0.001	98	544248	20.0	18.2	
9 Butane	43	5.259	5.259	0.000	98	882392	20.0	18.1	
10 Vinyl chloride	62	5.312	5.317	-0.005	97	750654	20.0	19.4	
11 Butadiene	54	5.414	5.414	0.000	91	521464	20.0	19.2	
12 Bromomethane	94	6.270	6.275	-0.005	99	835107	20.0	17.8	
13 BFB									
14 Chloroethane	64	6.553	6.553	0.000	98	387703	20.0	18.5	
15 2-Methylbutane	43	6.639	6.644	-0.005	91	621993	20.0	18.0	
16 Vinyl bromide	106	7.035	7.035	0.000	99	919378	20.0	19.6	
17 Trichlorofluoromethane	101	7.147	7.152	-0.005	98	1881532	20.0	19.1	
18 Pentane	43	7.308	7.313	-0.005	96	934171	20.0	18.7	
19 Ethanol	45	7.768	7.778	-0.010	99	373791	40.0	35.1	
21 Ethyl ether	59	7.896	7.901	-0.005	91	434338	20.0	19.5	
22 Acrolein	56	8.356	8.361	-0.005	96	215753	20.0	20.2	
23 1,1,2-Trichloro-1,2,2-trif	101	8.394	8.399	-0.005	94	1652710	20.0	19.6	
24 1,1-Dichloroethene	96	8.468	8.468	0.000	89	815988	20.0	19.7	
25 Acetone	43	8.693	8.704	-0.011	91	741299	20.0	17.1	
26 Carbon disulfide	76	8.955	8.955	0.000	98	1943061	20.0	18.9	
27 Isopropyl alcohol	45	9.003	9.009	-0.006	99	592419	20.0	18.5	
29 3-Chloro-1-propene	41	9.346	9.351	-0.005	90	663655	20.0	19.5	
30 Acetonitrile	41	9.474	9.479	-0.005	100	366017	20.0	18.5	
31 Methylene Chloride	49	9.683	9.683	0.000	80	609584	20.0	18.1	
32 2-Methyl-2-propanol	59	9.870	9.881	-0.011	99	924035	20.0	19.1	
33 Methyl tert-butyl ether	73	10.111	10.116	-0.005	96	1951397	20.0	20.3	
34 trans-1,2-Dichloroethene	61	10.180	10.180	0.000	84	911915	20.0	19.8	
S 41 1,2-Dichloroethene, Total	61				0		40.0	40.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Acrylonitrile	53	10.325	10.325	0.000	96	444503	20.0	19.2	
36 Hexane	57	10.592	10.592	0.000	86	1000279	20.0	20.0	
37 1,1-Dichloroethane	63	11.143	11.143	0.000	99	1189975	20.0	19.8	
38 Vinyl acetate	43	11.175	11.181	-0.006	99	1393444	20.0	19.4	
39 cis-1,2-Dichloroethene	96	12.320	12.320	0.000	91	957269	20.0	20.4	
40 2-Butanone (MEK)	72	12.331	12.336	-0.005	100	392426	20.0	18.1	
42 Ethyl acetate	88	12.352	12.358	-0.006	98	71512	20.0	19.4	
* 43 Chlorobromomethane	128	12.802	12.802	0.000	75	368634	10.0	10.0	
44 Tetrahydrofuran	42	12.796	12.807	-0.011	86	597787	20.0	19.0	
45 Chloroform	83	12.914	12.914	0.000	99	1473993	20.0	19.6	
46 Cyclohexane	84	13.208	13.208	0.000	81	1189211	20.0	21.2	
47 1,1,1-Trichloroethane	97	13.219	13.219	0.000	97	1592559	20.0	20.6	
48 Carbon tetrachloride	117	13.476	13.476	0.000	96	1741562	20.0	21.4	
51 Isooctane	57	13.866	13.866	0.000	99	3310548	20.0	20.8	
50 Benzene	78	13.925	13.925	0.000	93	2462714	20.0	20.0	
52 1,2-Dichloroethane	62	14.086	14.086	0.000	96	779816	20.0	20.1	
53 n-Heptane	43	14.219	14.219	0.000	82	1026202	20.0	20.4	
* 54 1,4-Difluorobenzene	114	14.685	14.685	0.000	91	1644788	10.0	10.0	
A 57 GRO	1	14.725	(6.634-22.816)		0	306757441	20.0	0	
55 n-Butanol	56	14.979	14.990	-0.011	81	297802	20.0	19.3	
56 Trichloroethene	95	15.156	15.155	0.001	90	1165923	20.0	20.9	
58 1,2-Dichloropropane	63	15.669	15.669	0.000	94	832786	20.0	20.3	
59 Methyl methacrylate	69	15.755	15.755	0.000	79	842909	20.0	20.4	
60 1,4-Dioxane	88	15.846	15.851	-0.005	85	357193	20.0	19.1	
61 Dibromomethane	174	15.915	15.915	0.000	87	1504256	20.0	21.2	
62 Dichlorobromomethane	83	16.167	16.167	0.000	97	1678443	20.0	20.7	
A 63 TVOC as Toluene	92	16.589	(4.355-28.823)		0	558708546	20.0	5269.5	
64 cis-1,3-Dichloropropene	75	17.028	17.028	0.000	86	1310884	20.0	21.5	
65 4-Methyl-2-pentanone (MIBK	43	17.258	17.258	0.000	91	1336546	20.0	20.4	
A 67 Toluene Range	92	17.595	(17.555-17.635)		0	13895487	20.0	139.7	
66 Toluene	92	17.595	17.595	0.000	93	2076631	20.0	20.9	
A 68 C8 Range	1	17.595	(17.545-17.645)		0	13895487	NC	NC	
69 n-Octane	43	17.595	17.595	0.000	83	1411345	20.0	20.4	
70 trans-1,3-Dichloropropene	75	18.130	18.130	0.000	91	1323894	20.0	21.6	
71 1,1,2-Trichloroethane	83	18.499	18.499	0.000	94	916898	20.0	20.3	
72 Tetrachloroethene	166	18.638	18.638	0.000	93	2257880	20.0	21.8	
73 2-Hexanone	43	18.884	18.884	0.000	90	1291100	20.0	20.6	
74 Chlorodibromomethane	129	19.259	19.253	0.006	97	2366933	20.0	21.5	
75 Ethylene Dibromide	107	19.542	19.537	0.005	99	1909328	20.0	21.0	
S 82 Xylenes, Total	106				0		60.0	65.1	
* 76 Chlorobenzene-d5	117	20.388	20.382	0.006	80	1542698	10.0	10.0	
77 Chlorobenzene	112	20.441	20.441	0.000	99	3029911	20.0	20.4	
78 Ethylbenzene	91	20.553	20.553	0.000	95	4302918	20.0	20.8	
79 n-Nonane	57	20.612	20.612	0.000	82	1652202	20.0	20.9	
80 m-Xylene & p-Xylene	106	20.773	20.773	0.000	96	4028637	40.0	43.1	
83 o-Xylene	106	21.495	21.490	0.005	97	1994072	20.0	22.0	
84 Styrene	104	21.532	21.532	0.000	98	3118116	20.0	22.5	
85 Bromoform	173	21.912	21.912	0.000	99	2880947	20.0	23.1	
86 Isopropylbenzene	105	22.057	22.057	0.000	93	5349750	20.0	21.6	
$ 87 4-Bromofluorobenzene	95	22.399	22.399	0.000	97	953052	NC	NC	
88 1,1,2,2-Tetrachloroethane	83	22.624	22.624	0.000	97	2482238	20.0	20.6	
90 N-Propylbenzene	91	22.699	22.693	0.006	99	6040593	20.0	21.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	22.725	22.720	0.005	94	1783351	20.0	20.0	
93 n-Decane	57	22.811	22.806	0.005	80	2163565	20.0	20.4	
91 4-Ethyltoluene	105	22.865	22.859	0.006	96	5491860	20.0	21.6	
92 2-Chlorotoluene	91	22.902	22.897	0.006	92	4225692	20.0	21.0	
94 1,3,5-Trimethylbenzene	105	22.955	22.950	0.005	95	4525041	20.0	21.6	
95 Alpha Methyl Styrene	118	23.309	23.303	0.006	93	2659260	20.0	23.6	
96 tert-Butylbenzene	119	23.432	23.426	0.006	96	4633458	20.0	21.8	
97 1,2,4-Trimethylbenzene	105	23.523	23.522	0.001	94	4577544	20.0	22.0	
98 sec-Butylbenzene	105	23.763	23.758	0.005	98	6678472	20.0	21.5	
99 4-Isopropyltoluene	119	23.961	23.961	0.000	97	5981774	20.0	22.2	
100 1,3-Dichlorobenzene	146	24.036	24.031	0.005	99	3815367	20.0	22.1	
101 1,4-Dichlorobenzene	146	24.181	24.175	0.006	97	3800569	20.0	22.6	
102 Benzyl chloride	91	24.389	24.384	0.005	99	3800955	20.0	24.3	
104 Undecane	57	24.576	24.571	0.005	88	2396703	20.0	20.2	
103 n-Butylbenzene	91	24.598	24.592	0.006	96	5024445	20.0	21.7	
105 1,2-Dichlorobenzene	146	24.785	24.780	0.005	99	3625648	20.0	22.0	
106 Dodecane	57	26.369	26.368	0.001	90	2533343	20.0	22.6	
107 1,2,4-Trichlorobenzene	180	27.663	27.663	0.000	93	3045904	20.0	24.5	
108 Hexachlorobutadiene	225	27.867	27.861	0.005	98	2888861	20.0	23.9	
109 Naphthalene	128	28.246	28.246	0.000	99	5894923	20.0	24.9	
110 1,2,3-Trichlorobenzene	180	28.813	28.813	0.000	96	2819999	20.0	25.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL6w_00101	Amount Added: 200.00	Units: mL	
ATTO15WISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

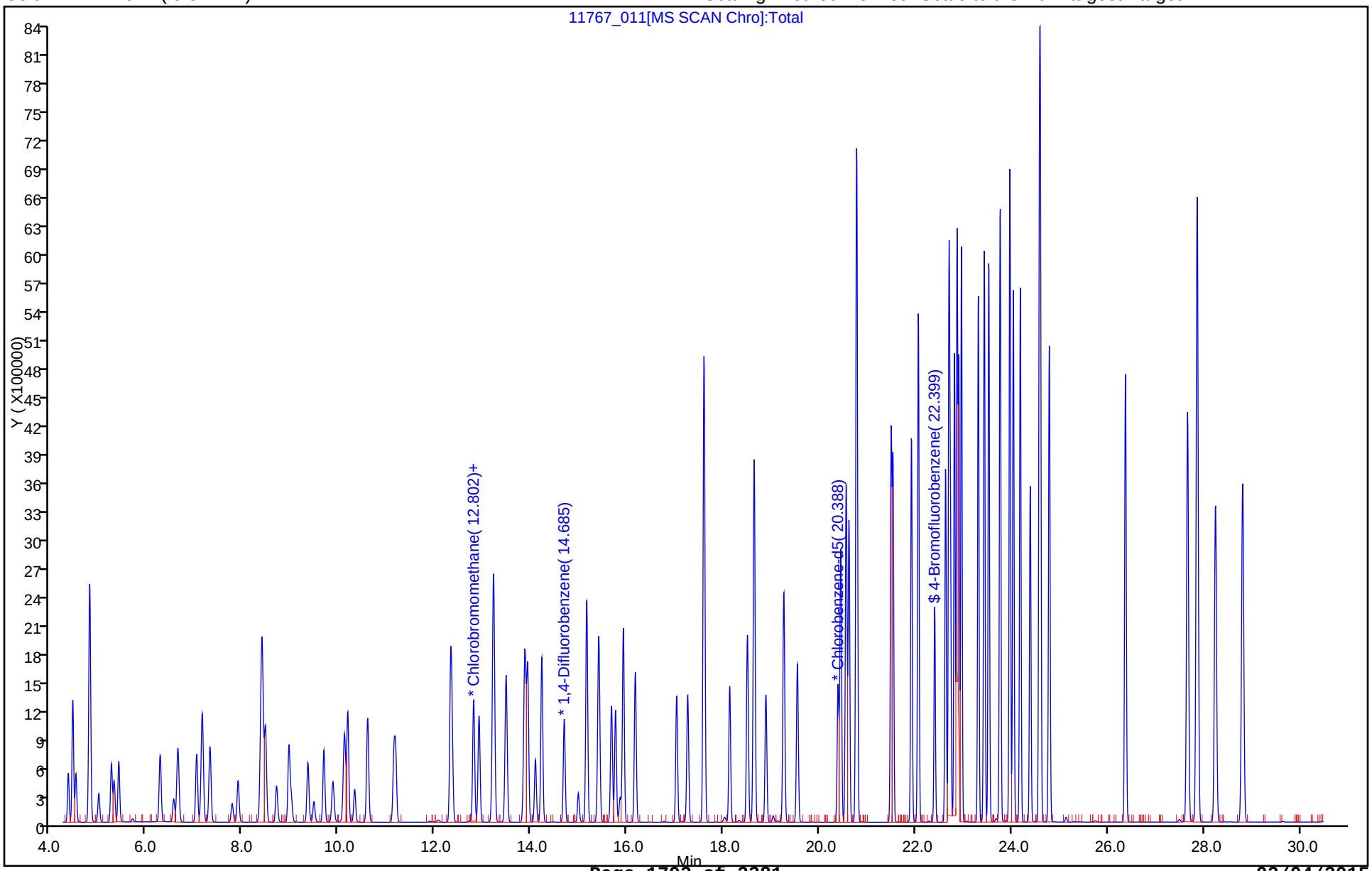
Report Date: 26-Jan-2015 10:25:48 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_011.d

Injection Date:	23-Jan-2015 18:45:30	Instrument ID:	CHW.i	Operator ID:	pad
Lims ID:	IC			Worklist Smp#:	11
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 23-Jan-2015 19:33:30 ALS Bottle#: 8 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011767-012
Misc. Info.: ic
Operator ID: pad Instrument ID: CHW.i
Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2

Method: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jan-2015 10:25:50 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: daiglep Date: 26-Jan-2015 09:37:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.371	4.365	0.006	98	891720	40.0	31.1	
2 Dichlorodifluoromethane	85	4.461	4.456	0.005	98	4023156	40.0	33.6	
6 Chlorodifluoromethane	51	4.526	4.520	0.006	97	1896130	40.0	32.8	
7 1,2-Dichloro-1,1,2,2-tetra	85	4.809	4.804	0.005	96	4212287	40.0	34.0	
8 Chloromethane	50	5.002	4.996	0.006	98	1147379	40.0	32.7	
9 Butane	43	5.264	5.259	0.005	98	1808714	40.0	31.5	
10 Vinyl chloride	62	5.323	5.317	0.006	97	1560315	40.0	34.3	
11 Butadiene	54	5.419	5.414	0.005	91	1080094	40.0	33.8	
12 Bromomethane	94	6.280	6.275	0.005	99	1680449	40.0	30.5	
13 BFB									
14 Chloroethane	64	6.559	6.553	0.006	98	781365	40.0	31.7	
15 2-Methylbutane	43	6.650	6.644	0.006	90	1316494	40.0	32.3	
16 Vinyl bromide	106	7.035	7.035	0.000	100	2050413	40.0	37.2	
17 Trichlorofluoromethane	101	7.152	7.152	0.000	98	4136491	40.0	35.7	
18 Pentane	43	7.318	7.313	0.005	96	1977510	40.0	33.7	
19 Ethanol	45	7.794	7.778	0.016	99	1049258	100.0	83.8	
21 Ethyl ether	59	7.901	7.901	0.000	90	951179	40.0	36.4	
22 Acrolein	56	8.361	8.361	0.000	94	421486	40.0	33.5	
23 1,1,2-Trichloro-1,2,2-trif	101	8.399	8.399	0.000	93	3626447	40.0	36.7	
24 1,1-Dichloroethene	96	8.468	8.468	0.000	87	1818943	40.0	37.4	
25 Acetone	43	8.704	8.704	0.000	91	1525039	40.0	29.9	
26 Carbon disulfide	76	8.961	8.955	0.006	98	4227319	40.0	35.0	
27 Isopropyl alcohol	45	9.019	9.009	0.010	99	1342176	40.0	35.7	
29 3-Chloro-1-propene	41	9.356	9.351	0.005	89	1432201	40.0	35.8	
30 Acetonitrile	41	9.485	9.479	0.006	100	794063	40.0	34.2	
31 Methylene Chloride	49	9.688	9.683	0.005	79	1305824	40.0	33.0	
32 2-Methyl-2-propanol	59	9.886	9.881	0.005	99	2116028	40.0	37.3	
33 Methyl tert-butyl ether	73	10.116	10.116	0.000	96	4332810	40.0	38.3	
34 trans-1,2-Dichloroethene	61	10.186	10.180	0.006	83	1963675	40.0	36.2	
S 41 1,2-Dichloroethene, Total	61				0		80.0	74.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Acrylonitrile	53	10.330	10.325	0.005	96	974042	40.0	35.7	
36 Hexane	57	10.598	10.592	0.006	86	2145688	40.0	36.5	
37 1,1-Dichloroethane	63	11.149	11.143	0.006	99	2577296	40.0	36.6	
38 Vinyl acetate	43	11.186	11.181	0.005	99	2977590	40.0	35.2	
39 cis-1,2-Dichloroethene	96	12.326	12.320	0.006	91	2107462	40.0	38.3	
40 2-Butanone (MEK)	72	12.336	12.336	0.000	99	839673	40.0	33.0	
42 Ethyl acetate	88	12.363	12.358	0.005	99	159941	40.0	36.9	
* 43 Chlorobromomethane	128	12.807	12.802	0.005	70	433158	10.0	10.0	
44 Tetrahydrofuran	42	12.807	12.807	0.000	84	1270535	40.0	35.4	
45 Chloroform	83	12.919	12.914	0.005	99	3276450	40.0	37.0	
46 Cyclohexane	84	13.214	13.208	0.006	79	2575703	40.0	40.1	
47 1,1,1-Trichloroethane	97	13.224	13.219	0.005	95	3524669	40.0	39.8	
48 Carbon tetrachloride	117	13.481	13.476	0.005	96	3938127	40.0	42.2	
51 Isooctane	57	13.872	13.866	0.006	99	6918470	40.0	38.0	
50 Benzene	78	13.930	13.925	0.005	92	5346644	40.0	37.9	
52 1,2-Dichloroethane	62	14.091	14.086	0.005	97	1715976	40.0	38.7	
53 n-Heptane	43	14.225	14.219	0.006	80	2123284	40.0	36.9	
* 54 1,4-Difluorobenzene	114	14.690	14.685	0.005	91	1883138	10.0	10.0	
A 57 GRO	1	14.725	(6.634-22.816)		0	647063682	40.0	0	
55 n-Butanol	56	14.990	14.990	0.000	81	742787	40.0	42.0	
56 Trichloroethene	95	15.161	15.155	0.006	89	2574009	40.0	40.3	
58 1,2-Dichloropropane	63	15.674	15.669	0.005	93	1804749	40.0	38.5	
59 Methyl methacrylate	69	15.760	15.755	0.005	77	1868919	40.0	39.6	
60 1,4-Dioxane	88	15.856	15.851	0.005	85	801457	40.0	37.3	
61 Dibromomethane	174	15.921	15.915	0.006	84	3511968	40.0	43.3	
62 Dichlorobromomethane	83	16.172	16.167	0.005	97	3684206	40.0	39.6	
A 63 TVOC as Toluene	92	16.589	(4.355-28.823)		0	1162148003	40.0	9573.6	
64 cis-1,3-Dichloropropene	75	17.033	17.028	0.005	85	2904775	40.0	41.5	
65 4-Methyl-2-pentanone (MIBK	43	17.263	17.258	0.005	89	2732154	40.0	36.5	
A 67 Toluene Range	92	17.595	(17.555-17.635)		0	26958317	40.0	238.3	
66 Toluene	92	17.606	17.595	0.011	94	4176874	40.0	36.9	
A 68 C8 Range	1	17.595	(17.545-17.645)		0	26958317	NC	NC	
69 n-Octane	43	17.595	17.595	0.000	82	2524873	40.0	31.8	
70 trans-1,3-Dichloropropene	75	18.135	18.130	0.005	90	2923455	40.0	41.6	
71 1,1,2-Trichloroethane	83	18.504	18.499	0.005	93	2011553	40.0	39.1	
72 Tetrachloroethene	166	18.644	18.638	0.006	92	5174787	40.0	43.9	
73 2-Hexanone	43	18.890	18.884	0.006	94	2622229	40.0	36.8	
74 Chlorodibromomethane	129	19.259	19.253	0.006	97	5299428	40.0	42.3	
75 Ethylene Dibromide	107	19.542	19.537	0.005	99	4239061	40.0	41.0	
S 82 Xylenes, Total	106				0		120.0	112.0	
* 76 Chlorobenzene-d5	117	20.388	20.382	0.006	79	1755193	10.0	10.0	
77 Chlorobenzene	112	20.446	20.441	0.005	99	6605939	40.0	39.0	
78 Ethylbenzene	91	20.559	20.553	0.006	95	8941794	40.0	38.0	
79 n-Nonane	57	20.618	20.612	0.006	79	3210204	40.0	35.7	
80 m-Xylene & p-Xylene	106	20.778	20.773	0.005	95	7610619	80.0	71.6	
83 o-Xylene	106	21.495	21.490	0.005	98	4172298	40.0	40.4	
84 Styrene	104	21.532	21.532	0.000	97	6435357	40.0	40.8	
85 Bromoform	173	21.918	21.912	0.006	98	6163445	40.0	43.4	
86 Isopropylbenzene	105	22.062	22.057	0.005	93	10507369	40.0	37.2	
$ 87 4-Bromofluorobenzene	95	22.399	22.399	0.000	96	1086058	NC	NC	
88 1,1,2,2-Tetrachloroethane	83	22.624	22.624	0.000	96	5087902	40.0	37.0	
90 N-Propylbenzene	91	22.699	22.693	0.006	97	11181487	40.0	34.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	22.725	22.720	0.005	95	3545750	40.0	35.0	
93 n-Decane	57	22.811	22.806	0.005	78	3904846	40.0	32.4	
91 4-Ethyltoluene	105	22.864	22.859	0.005	95	10582503	40.0	36.6	
92 2-Chlorotoluene	91	22.902	22.897	0.006	91	8559424	40.0	37.4	
94 1,3,5-Trimethylbenzene	105	22.955	22.950	0.005	96	8984313	40.0	37.7	
95 Alpha Methyl Styrene	118	23.308	23.303	0.005	92	5673165	40.0	44.2	
96 tert-Butylbenzene	119	23.432	23.426	0.006	95	9347426	40.0	38.6	
97 1,2,4-Trimethylbenzene	105	23.522	23.522	0.000	93	9180274	40.0	38.7	
98 sec-Butylbenzene	105	23.763	23.758	0.005	96	12680233	40.0	35.9	
99 4-Isopropyltoluene	119	23.961	23.961	0.000	95	11470455	40.0	37.4	
100 1,3-Dichlorobenzene	146	24.036	24.031	0.005	98	8119465	40.0	41.4	
101 1,4-Dichlorobenzene	146	24.180	24.175	0.005	96	8078799	40.0	42.2	
102 Benzyl chloride	91	24.389	24.384	0.005	98	7962000	40.0	44.8	
104 Undecane	57	24.571	24.571	0.000	87	3782980	40.0	28.0	
103 n-Butylbenzene	91	24.603	24.592	0.011	97	8663227	40.0	32.8	
105 1,2-Dichlorobenzene	146	24.785	24.780	0.005	98	7799743	40.0	41.6	
106 Dodecane	57	26.369	26.368	0.001	88	4567854	40.0	35.9	
107 1,2,4-Trichlorobenzene	180	27.663	27.663	0.000	92	6991394	40.0	49.4	
108 Hexachlorobutadiene	225	27.866	27.861	0.005	97	6407793	40.0	46.5	
109 Naphthalene	128	28.246	28.246	0.000	99	12747834	40.0	47.4	
110 1,2,3-Trichlorobenzene	180	28.813	28.813	0.000	95	6407494	40.0	51.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL7w_00051	Amount Added: 200.00	Units: mL	
ATTO15WISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

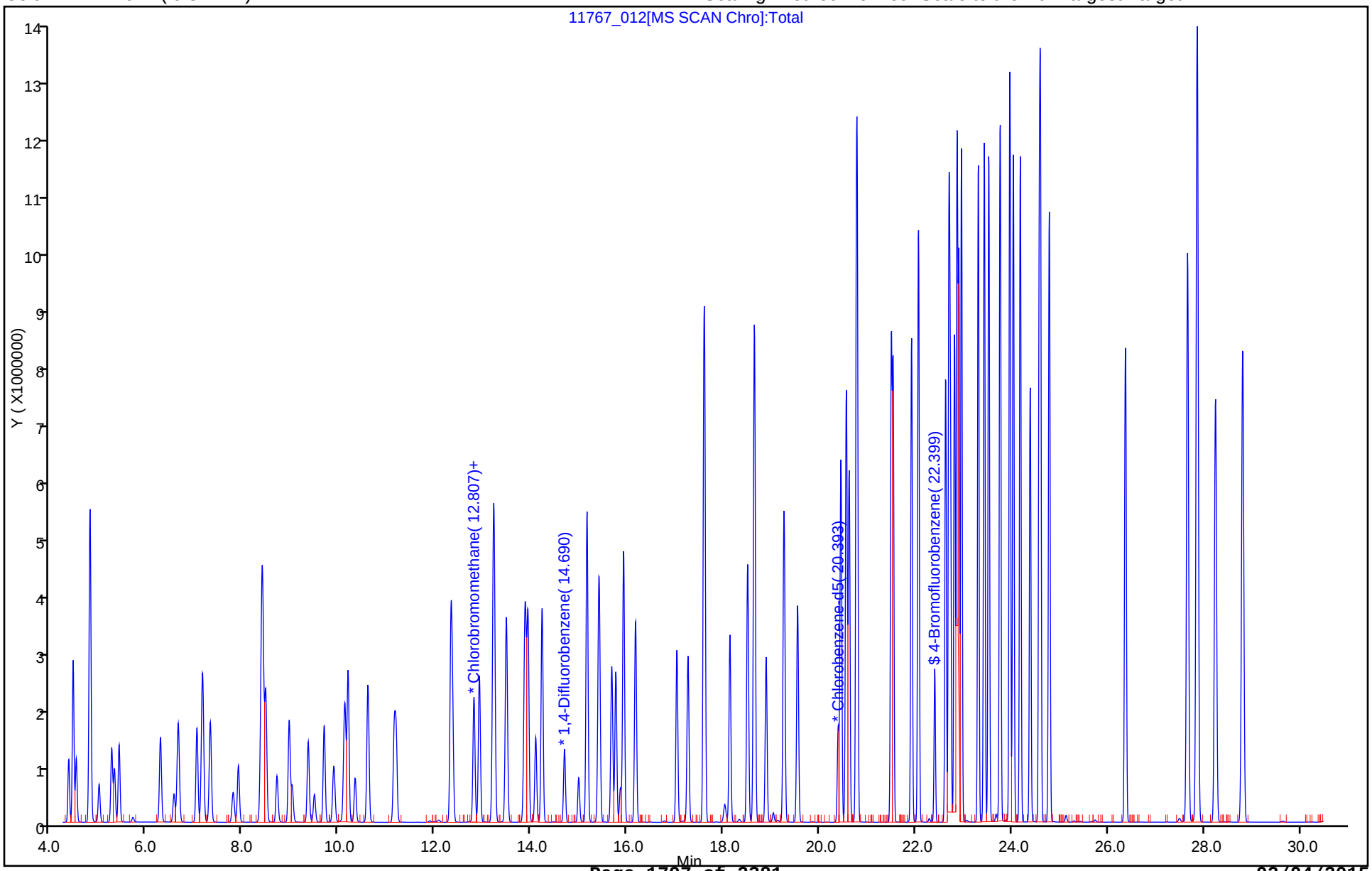
Report Date: 26-Jan-2015 10:25:51 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Injection Date:	23-Jan-2015 19:33:30	Instrument ID:	CHW.i	Operator ID:	pad
Lims ID:	IC			Worklist Smp#:	12
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-80238/4	10468-004.D
Level 2	IC 200-80238/5	10468-005.D
Level 3	IC 200-80238/6	10468-006.D
Level 4	IC 200-80238/7	10468-007.D
Level 5	ICIS 200-80238/8	10468-008.D
Level 6	IC 200-80238/9	10468-009.D
Level 7	IC 200-80238/10	10468-010.D
Level 8	IC 200-80238/11	10468-011.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.7266	+++++ 0.6819	0.9546 0.6687	0.7819	0.7174	Ave		0.7552				14.0		30.0			
Dichlorodifluoromethane	+++++ 2.7591	+++++ 2.5936	3.0628 2.5104	2.8915	2.6688	Ave		2.7477				7.4		30.0			
Freon 22	+++++ 1.6084	+++++ 1.4976	1.8478 1.4574	1.6947	1.5888	Ave		1.6158				8.7		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.5391	2.5585 2.3981	2.8412 2.3410	2.6225	2.4696	Ave		2.5386				6.5		30.0			
Chloromethane	+++++ 0.8681	+++++ 0.8189	1.0402 0.8030	0.9125	0.8511	Ave		0.8823				9.8		30.0			
n-Butane	+++++ 1.4626	+++++ 1.3600	1.6471 1.3400	1.4935	1.4304	Ave		1.4556				7.6		30.0			
Vinyl chloride	1.0988 0.9925	1.0262 0.9186	1.0807 0.8972	0.9910	0.9530	Ave		0.9947				7.2		30.0			
1,3-Butadiene	+++++ 0.6944	0.6629 0.6604	0.7501 0.6430	0.7123	0.6725	Ave		0.6851				5.4		30.0			
Bromomethane	+++++ 0.8016	0.8559 0.7470	0.9236 0.7222	0.8572	0.7843	Ave		0.8131				8.6		30.0			
Chloroethane	+++++ 0.4281	+++++ 0.4007	0.4801 0.3903	0.4505	0.4210	Ave		0.4284				7.7		30.0			
Isopentane	+++++ 0.8902	1.1588 0.8255	1.1053 0.7978	0.9296	0.8775	Ave		0.9407				15.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.9517	0.9225 0.9005	1.0165 0.8857	0.9338	0.9026	Ave		0.9305				4.7		30.0			
Trichlorofluoromethane	+++++ 2.8187	2.9026 2.6448	3.1572 2.5636	2.8763	2.7107	Ave		2.8105				7.0		30.0			
n-Pentane	+++++ 1.6182	+++++ 1.5333	1.7169 1.5110	1.6310	1.5620	Ave		1.5954				4.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.4241	+++++ 0.3834	0.4660 0.3929	0.6715	0.4249	Ave		0.4605				23.0		30.0			
Ethyl ether	+++++ 0.6485	0.6042 0.6166	0.6733 0.6076	0.6396	0.6137	Ave		0.6291				4.1		30.0			
Freon TF	+++++ 1.9032	1.9275 1.8076	2.1559 1.7689	1.9308	1.8320	Ave		1.9037				6.7		30.0			
Acrolein	+++++ 0.2929	+++++ 0.2788	+++++ 0.2741	0.3030	0.2918	Ave		0.2881				4.0		30.0			
1,1-Dichloroethene	+++++ 0.8810	0.8610 0.8341	0.9262 0.8277	0.8673	0.8474	Ave		0.8635				3.9		30.0			
Acetone	+++++ 1.5948	+++++ 1.3532	+++++ 1.2968	1.8418	1.6772	Ave		1.5528				15.0		30.0			
Carbon disulfide	+++++ 2.8236	+++++ 2.3910	2.7658 2.3480	2.5146	2.6717	Ave		2.5858				7.7		30.0			
Isopropyl alcohol	+++++ 1.2733	+++++ 1.1775	+++++ 1.1608	1.3575	1.2161	Ave		1.2371				6.5		30.0			
3-Chloropropene	+++++ 1.2116	1.0929 1.1564	1.2325 1.1486	1.2069	1.1609	Ave		1.1728				4.1		30.0			
Acetonitrile	+++++ 0.6540	+++++ 0.6174	+++++ 0.6033	0.7098	0.6296	Ave		0.6428				6.5		30.0			
Methylene Chloride	+++++ 1.0790	+++++ 1.0144	1.6231 0.9951	1.1230	1.0458	Ave		1.1467				21.0		30.0			
tert-Butyl alcohol	+++++ 1.8173	+++++ 1.7031	+++++ 1.6934	1.8330	1.7111	Ave		1.7516				3.9		30.0			
Methyl tert-butyl ether	+++++ 2.8500	2.3866 2.7412	2.7101 2.7176	2.7625	2.6900	Ave		2.6940				5.4		30.0			
trans-1,2-Dichloroethene	+++++ 1.4458	1.3406 1.3709	1.5427 1.3520	1.4532	1.3863	Ave		1.4131				5.1		30.0			
Acrylonitrile	+++++ 0.6856	+++++ 0.6555	0.7180 0.6554	0.6842	0.6546	Ave		0.6756				3.8		30.0			
n-Hexane	+++++ 1.4444	1.3330 1.3900	1.3857 1.3822	1.4346	1.3862	Ave		1.3937				2.7		30.0			
1,1-Dichloroethane	1.7826 1.8460	1.8449 1.7706	2.0107 1.7686	1.8595	1.7606	Ave		1.8304				4.5		30.0			
Vinyl acetate	+++++ 2.6660	+++++ 2.5566	+++++ 2.5363	2.5911	2.4810	Ave		2.5662				2.7		30.0			
cis-1,2-Dichloroethene	+++++ 1.0985	0.9734 1.0661	1.0980 1.0683	1.0381	1.0200	Ave		1.0518				4.3		30.0			
Methyl Ethyl Ketone	+++++ 0.5491	+++++ 0.5204	0.7635 0.5128	0.5444	0.5203	Ave		0.5684				17.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.0840	+++++ 0.0822	+++++ 0.0816	0.0810	0.0794	Ave		0.0816				2.0		30.0			
Tetrahydrofuran	+++++ 0.2177	+++++ 0.2039	+++++ 0.2029	0.2236	0.2120	Ave		0.2120				4.2		30.0			
Chloroform	+++++ 2.3183	2.2935 2.2285	2.4070 2.2196	2.2645	2.1792	Ave		2.2729				3.3		30.0			
Cyclohexane	+++++ 0.2684	0.2335 0.2587	0.2475 0.2608	0.2610	0.2536	Ave		0.2548				4.5		30.0			
1,1,1-Trichloroethane	+++++ 0.4245	0.4104 0.4074	0.4404 0.4050	0.4254	0.4082	Ave		0.4173				3.1		30.0			
Carbon tetrachloride	0.4586 0.4636	0.4365 0.4446	0.4742 0.4447	0.4566	0.4379	Ave		0.4521				2.9		30.0			
2,2,4-Trimethylpentane	+++++ 1.0754	0.8657 1.0394	0.9627 1.0413	1.0343	1.0205	Ave		1.0056				7.0		30.0			
Benzene	+++++ 0.6473	0.6332 0.6266	0.6649 0.6241	0.6448	0.6155	Ave		0.6366				2.6		30.0			
1,2-Dichloroethane	+++++ 0.2747	0.2641 0.2629	0.2885 0.2593	0.2749	0.2655	Ave		0.2700				3.7		30.0			
n-Heptane	+++++ 0.4068	0.3651 0.3884	0.3700 0.3874	0.3963	0.3912	Ave		0.3865				3.8		30.0			
n-Butanol	+++++ 0.1217	+++++ 0.1179	+++++ 0.1206	0.1266	0.1048	Ave		0.1183				6.9		30.0			
Trichloroethene	0.2789 0.2936	0.2722 0.2880	0.2924 0.2923	0.2783	0.2723	Ave		0.2835				3.2		30.0			
1,2-Dichloropropane	+++++ 0.2737	0.2492 0.2661	0.2610 0.2681	0.2583	0.2532	Ave		0.2614				3.3		30.0			
Methyl methacrylate	+++++ 0.2586	+++++ 0.2545	0.2088 0.2595	0.2316	0.2334	Ave		0.2411				8.3		30.0			
1,4-Dioxane	+++++ 0.1093	+++++ 0.1029	+++++ 0.1022	0.1124	0.1036	Ave		0.1061				4.3		30.0			
Dibromomethane	+++++ 0.2842	0.2708 0.2799	0.2846 0.2859	0.2625	0.2590	Ave		0.2753				4.1		30.0			
Bromodichloromethane	+++++ 0.5003	0.4377 0.4875	0.4711 0.4941	0.4722	0.4638	Ave		0.4753				4.5		30.0			
cis-1,3-Dichloropropene	+++++ 0.4022	0.3032 0.3934	0.3400 0.4035	0.3614	0.3667	Ave		0.3672				10.0		30.0			
methyl isobutyl ketone	+++++ 0.5604	+++++ 0.5353	0.4985 0.5327	0.5401	0.5261	Ave		0.5322				3.8		30.0			
Toluene	+++++ 0.5224	0.4633 0.5094	0.4979 0.5110	0.4815	0.4787	Ave		0.4949				4.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.6251	0.4990 0.5995	0.5559 0.5955	0.6055	0.5903	Ave		0.5816				7.2		30.0			
trans-1,3-Dichloropropene	+++++ 0.4200	0.3979 0.4087	0.3722 0.4161	0.3837	0.3822	Ave		0.3973				4.6		30.0			
1,1,2-Trichloroethane	+++++ 0.2576	0.2474 0.2535	0.2603 0.2550	0.2479	0.2389	Ave		0.2515				2.9		30.0			
Tetrachloroethene	0.4311 0.4338	0.3670 0.4295	0.4215 0.4376	0.4061	0.3971	Ave		0.4155				5.8		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.5480	+++++ 0.5265	0.4978 0.5203	0.5250	0.5039	Ave		0.5203				3.4		30.0			
Dibromochloromethane	+++++ 0.5390	0.4315 0.5306	0.4960 0.5434	0.4901	0.4874	Ave		0.5026				7.8		30.0			
1,2-Dibromoethane	+++++ 0.4706	0.3845 0.4580	0.4482 0.4666	0.4349	0.4304	Ave		0.4419				6.7		30.0			
Chlorobenzene	+++++ 0.7200	0.6786 0.7036	0.7273 0.7131	0.6850	0.6667	Ave		0.6992				3.3		30.0			
Ethylbenzene	+++++ 1.2003	0.9700 1.1678	1.1037 1.1757	1.1301	1.1131	Ave		1.1230				6.8		30.0			
n-Nonane	+++++ 0.5953	0.4534 0.5759	0.5216 0.5786	0.5665	0.5563	Ave		0.5496				8.8		30.0			
m,p-Xylene	+++++ 0.4707	0.3674 0.4577	0.4322 0.4603	0.4458	0.4386	Ave		0.4390				7.8		30.0			
Xylene, o-	+++++ 0.4632	0.3382 0.4514	0.3849 0.4543	0.4283	0.4241	Ave		0.4206				11.0		30.0			
Styrene	+++++ 0.7467	0.4786 0.7255	0.5853 0.7369	0.6817	0.6675	Ave		0.6603				15.0		30.0			
Bromoform	+++++ 0.5995	0.4300 0.5865	0.4834 0.6017	0.5353	0.5431	Ave		0.5399				12.0		30.0			
Cumene	+++++ 1.3850	1.0021 1.3449	1.2076 1.3577	1.3008	1.2794	Ave		1.2682				10.0		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7186	0.6382 0.6938	0.6940 0.6937	0.6899	0.6719	Ave		0.6857				3.6		30.0			
n-Propylbenzene	+++++ 1.7354	1.3907 1.6716	1.5763 1.6721	1.6618	1.6203	Ave		1.6183				6.9		30.0			
1,2,3-Trichloropropane	+++++ 0.5713	+++++ 0.5500	0.5751 0.5510	0.5594	0.5387	Ave		0.5576				2.5		30.0			
n-Decane	+++++ 0.8159	+++++ 0.7839	0.7289 0.7833	0.7847	0.7664	Ave		0.7772				3.7		30.0			
4-Ethyltoluene	+++++ 1.4352	1.1308 1.3937	1.3193 1.3832	1.3727	1.3337	Ave		1.3384				7.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 1.1960	1.0057 1.1554	1.1529 1.1581	1.1491	1.1165	Ave		1.1334				5.4		30.0			
1,3,5-Trimethylbenzene	+++++ 1.1859	0.8979 1.1544	1.0697 1.1627	1.1206	1.0966	Ave		1.0983				8.8		30.0			
Alpha Methyl Styrene	+++++ 0.5825	0.3800 0.5866	0.4479 0.5956	0.5480	0.4629	Ave		0.5148				16.0		30.0			
tert-Butylbenzene	+++++ 1.1381	0.9077 1.1009	1.0370 1.1051	1.0938	1.0559	Ave		1.0626				7.2		30.0			
1,2,4-Trimethylbenzene	+++++ 1.2139	0.8914 1.1686	1.0733 1.1752	1.1576	1.1278	Ave		1.1154				9.7		30.0			
sec-Butylbenzene	+++++ 1.7612	1.3688 1.6986	1.6049 1.6808	1.7153	1.6498	Ave		1.6399				7.9		30.0			
4-Isopropyltoluene	+++++ 1.5098	1.1224 1.4538	1.3038 1.4494	1.4438	1.3925	Ave		1.3822				9.5		30.0			
1,3-Dichlorobenzene	+++++ 0.8637	0.7126 0.8241	0.7904 0.8189	0.8339	0.8094	Ave		0.8076				5.9		30.0			
1,4-Dichlorobenzene	+++++ 0.8655	0.6974 0.8250	0.7727 0.8231	0.8287	0.8108	Ave		0.8033				6.7		30.0			
Benzyl chloride	+++++ 1.1197	0.7764 1.0555	0.8993 1.0645	1.0407	0.9935	Ave		0.9928				12.0		30.0			
n-Undecane	+++++ 0.9501	+++++ 0.8881	+++++ 0.8473	0.9218	0.8983	Ave		0.9011				4.3		30.0			
n-Butylbenzene	+++++ 1.4482	1.1132 1.3670	1.3396 1.2943	1.4301	1.3668	Ave		1.3370				8.3		30.0			
1,2-Dichlorobenzene	+++++ 0.8164	0.6925 0.7783	0.7480 0.7761	0.7886	0.7659	Ave		0.7665				5.1		30.0			
n-Dodecane	+++++ 0.8969	+++++ 0.8124	+++++ 0.6972	0.8224	0.8477	Ave		0.8153				9.0		30.0			
1,2,4-Trichlorobenzene	+++++ 0.7446	+++++ 0.6755	0.5036 0.6925	0.6528	0.6928	Ave		0.6603				12.0		30.0			
Hexachlorobutadiene	+++++ 0.6801	0.5374 0.6478	0.6154 0.6531	0.6361	0.6316	Ave		0.6288				7.2		30.0			
Naphthalene	+++++ 1.6502	+++++ 1.3764	0.5663 1.4079	1.2709	1.4819	Ave		1.2923				29.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.6823	0.4591 0.6177	0.4633 0.6261	0.5877	0.6391	Ave		0.5822				15.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-80238/4	10468-004.D
Level 2	IC 200-80238/5	10468-005.D
Level 3	IC 200-80238/6	10468-006.D
Level 4	IC 200-80238/7	10468-007.D
Level 5	ICIS 200-80238/8	10468-008.D
Level 6	IC 200-80238/9	10468-009.D
Level 7	IC 200-80238/10	10468-010.D
Level 8	IC 200-80238/11	10468-011.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 302922	+++++ 405003	11364 852066	95603	184958	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1150182	+++++ 1540533	36459 3198913	353523	688023	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 670497	+++++ 889497	21996 1857050	207207	409599	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1058473	12115 1424364	33821 2983010	320635	636656	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 361891	+++++ 486374	12383 1023153	111572	219424	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 609731	+++++ 807771	19607 1707522	182603	368760	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1051 413731	4859 545646	12865 1143239	121162	245672	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	+++++ 289486	3139 392277	8929 819363	87088	173364	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 334150	4053 443676	10994 920293	104808	202190	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 178463	+++++ 238006	5715 497289	55078	108539	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 371108	5487 490333	13158 1016558	113652	226232	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 396735	4368 534856	12100 1128554	114173	232693	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1175043	13744 1570932	37583 3266598	351672	698809	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 674597	+++++ 910726	20438 1925407	199414	402685	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 236243	+++++ 455487	55544 1251743	164319	164369	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 270364	2861 366255	8015 774258	78206	158204	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 793385	9127 1073671	25664 2253966	236072	472295	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 122092	+++++ 165618	+++++ 349323	37052	75215	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	+++++ 367263	4077 495456	11026 1054723	106045	218448	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 664827	+++++ 803753	+++++ 1652455	225186	432390	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1177101	+++++ 1420154	32924 2991950	307449	688758	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 530813	+++++ 699416	+++++ 1479150	165972	313518	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 505090	5175 686838	14672 1463530	147564	299272	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 272656	+++++ 366711	+++++ 768746	86789	162311	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 449817	+++++ 602494	19321 1267956	137301	269621	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 757571	+++++ 1011602	+++++ 2157756	224110	441123	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1188084	11301 1628158	32261 3462815	337762	693490	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 602723	6348 814292	18364 1722777	177680	357397	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 285825	+++++ 389354	8547 835105	83651	168757	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 602128	6312 825603	16495 1761242	175400	357358	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1705 769553	8736 1051662	23935 2253580	227350	453893	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 1111409	+++++ 1518550	+++++ 3231829	316798	639592	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	+++++ 457937	4609 633229	13070 1361223	126929	262947	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 228925	+++++ 309107	9089 653411	66565	134133	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 35004	+++++ 48841	+++++ 103925	9906	20474	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	+++++ 521994	+++++ 701184	+++++ 1495853	151549	307830	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 966427	10860 1323665	28653 2828271	276869	561791	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	+++++ 643646	6155 889651	16454 1923116	176844	368250	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	+++++ 1018125	10817 1400997	29279 2986568	288270	592619	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	2439 1111922	11505 1528872	31527 3279436	309380	635824	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2579003	22815 3574506	64002 7678725	700917	1481693	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	+++++ 1552447	16688 2154813	44202 4602009	436934	893690	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	+++++ 658686	6961 904047	19178 1912252	186311	385529	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	+++++ 975700	9621 1335893	24598 2856791	268521	568038	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	+++++ 291873	+++++ 405539	+++++ 889477	85756	152192	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1483 704199	7175 990315	19437 2155419	188586	395372	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	+++++ 656316	6568 915308	17355 1976710	175039	367597	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	+++++ 620213	+++++ 875217	13880 1913620	156919	338917	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	+++++ 262239	+++++ 353836	+++++ 753319	76193	150468	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	+++++ 681543	7136 962535	18920 2108001	177904	376056	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	+++++ 1199855	11535 1676640	31322 3643575	319996	673449	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	+++++ 964457	7990 1352893	22605 2975320	244910	532367	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	+++++ 1343963	+++++ 1840809	33142 3927996	366003	763932	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	+++++ 1238766	11631 1734985	31435 3759722	317342	685376	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	+++++ 1499225	13150 2061779	36960 4390970	410338	857113	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1007157	10486 1405632	24745 3068184	259994	554975	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	+++++ 610813	6211 863507	16437 1876080	163376	342083	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	2157 1028589	9214 1462991	26610 3220084	267643	568448	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1299505	+++++ 1793127	31429 3828337	346038	721455	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	+++++ 1278094	10833 1807273	31318 3998505	323046	697826	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	+++++ 1115814	9651 1559996	28299 3432887	286608	616204	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	+++++ 1707375	17036 2396231	45921 5246700	451459	954449	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	+++++ 2846359	24350 3977561	69685 8650454	744835	1593497	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	+++++ 1411508	11381 1961589	32931 4257392	373375	796380	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	+++++ 2232459	18445 3117492	54579 6774407	587587	1255849	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	+++++ 1098330	8490 1537254	24299 3342777	282290	607173	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	+++++ 1770728	12014 2470901	36954 5421859	449304	955552	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	+++++ 1421602	10794 1997651	30520 4427269	352784	777595	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	+++++ 3284310	25156 4580616	76242 9990166	857308	1831603	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 1703989	16020 2362863	43815 5104336	454670	961909	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	+++++ 4115136	34911 5693151	99525 12303241	1095248	2319721	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1354624	+++++ 1873401	36313 4053858	368719	771202	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	+++++ 1934660	+++++ 2669864	46022 5763740	517208	1097153	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	+++++ 3403349	28386 4746720	83296 10177259	904695	1909444	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	+++++ 2836168	25246 3935112	72790 8521523	757322	1598486	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 2812197	22541 3931880	67537 8554990	738595	1569913	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	+++++ 1381335	9540 1998054	28279 4382463	361162	662718	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	+++++ 2698727	22785 3749381	65475 8130900	720908	1511680	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-64806-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 2878517	22376 3980192	67765 8646682	762949	1614636	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	+++++ 4176364	34362 5785356	101329 12367390	1130507	2361853	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	+++++ 3580107	28177 4951539	82319 10664421	951576	1993528	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2048089	17888 2806881	49906 6025484	549613	1158763	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2052278	17507 2809912	48788 6055926	546190	1160806	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	+++++ 2655055	19489 3594762	56782 7832769	685880	1422314	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	+++++ 2252933	+++++ 3024807	+++++ 6234040	607536	1286016	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	+++++ 3433973	27945 4655724	84577 9523172	942540	1956754	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 1935969	17385 2650828	47226 5710377	519722	1096459	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	+++++ 2126899	+++++ 2766985	+++++ 5129752	542051	1213562	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 1765600	+++++ 2300550	31795 5095610	430227	991795	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	+++++ 1612736	13491 2206425	38853 4805536	419260	904241	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	+++++ 3913156	+++++ 4687761	35753 10358879	837602	2121570	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1618008	11526 2103847	29252 4606464	387335	914954	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 10-Nov-2014 16:30:30 ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0010468-004
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHX.i
Sublist: chrom-TO15_LLNJ_TO3_CHX.i.m*sub3

Method: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Nov-2014 11:39:50 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: lyonsb Date: 11-Nov-2014 11:32:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.049	3.044	0.005	82	2053	0.0401	0.1139	
3 Dichlorodifluoromethane	85	3.119	3.113	0.006	98	3268	0.0401	0.0498	
6 Chlorodifluoromethane	51	3.172	3.167	0.005	96	2230	0.0401	0.0578	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.386	3.381	0.005	93	2737	0.0401	0.0452	
8 Chloromethane	50	3.525	3.525	0.000	96	1274	0.0401	0.0605	
9 Butane	43	3.723	3.718	0.005	96	2057	0.0401	0.0592	
10 Vinyl chloride	62	3.771	3.766	0.005	95	1051	0.0401	0.0443	
11 Butadiene	54	3.846	3.841	0.005	86	905	0.0401	0.0554	
12 Bromomethane	94	4.520	4.520	0.000	53	957	0.0401	0.0493	
13 Chloroethane	64	4.761	4.750	0.011	22	514	0.0401	0.0503	
14 2-Methylbutane	43	4.815	4.814	0.001	92	2393	0.0401	0.1066	
15 Vinyl bromide	106	5.146	5.141	0.005	53	902	0.0401	0.0406	
16 Trichlorofluoromethane	101	5.227	5.232	-0.006	94	2870	0.0401	0.0428	
17 Pentane	43	5.371	5.365	0.006	88	1935	0.0401	0.0508	
20 Ethanol	45	5.815	5.804	0.011	92	1521	0.0802	0.1384	
21 Ethyl ether	59	5.895	5.884	0.011	67	603	0.0401	0.0402	
22 Acrolein	56		6.291					ND	
23 1,1,2-Trichloro-1,2,2-trif	101	6.307	6.296	0.011	42	953	0.0401	0.0210	
24 1,1-Dichloroethene	96	6.355	6.350	0.005	93	993	0.0401	0.0482	
25 Acetone	43	6.612	6.601	0.011	87	8919	0.0401	0.2407	
26 Carbon disulfide	76	6.746	6.746	0.000	100	3157	0.0401	0.0512	
27 Isopropyl alcohol	45	6.890	6.874	0.016	96	1607	0.0401	0.0544	
29 3-Chloro-1-propene	41	7.142	7.136	0.006	92	1008	0.0401	0.0360	
30 Acetonitrile	41	7.142	7.297	-0.155	73	1236	0.0401	0.0806	
31 Methylene Chloride	49	7.436	7.436	0.000	94	5906	0.0401	0.2159	
32 2-Methyl-2-propanol	59	7.671	7.644	0.027	33	1548	0.0401	0.0370	
33 Methyl tert-butyl ether	73	7.853	7.826	0.027	95	2136	0.0401	0.0332	
34 trans-1,2-Dichloroethene	61	7.864	7.864	0.000	86	844	0.0401	0.0250	
35 Acrylonitrile	53	8.046	8.046	0.000	29	309	0.0401	0.0192	
36 Hexane	57	8.233	8.238	-0.005	80	1159	0.0401	0.0349	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.747	8.752	-0.005	0	1705	0.0401	0.0390	
38 Vinyl acetate	43	8.822	8.821	0.001	66	2207	0.0401	0.0360	
40 cis-1,2-Dichloroethene	96	9.865	9.870	-0.005	92	846	0.0401	0.0337	
42 2-Butanone (MEK)	72	9.945	9.923	0.022	96	777	0.0401	0.0573	
43 Ethyl acetate	88		9.950					ND	
S 39 1,2-Dichloroethene, Total	61				0		0.0802	0.0587	
45 Tetrahydrofuran	42	10.357	10.335	0.022	29	1134	0.0401	0.0403	
* 44 Chlorobromomethane	128	10.341	10.346	-0.005	95	238592	10.0	10.0	
46 Chloroform	83	10.469	10.469	0.000	97	1688	0.0401	0.0311	
47 Cyclohexane	84	10.726	10.710	0.016	64	372	0.0401	0.0110	
48 1,1,1-Trichloroethane	97	10.737	10.753	-0.016	90	1199	0.0401	0.0217	
49 Carbon tetrachloride	117	10.993	10.999	-0.006	91	2439	0.0401	0.0407	
51 Isooctane	57		11.437					ND	
52 Benzene	78	11.486	11.491	-0.005	94	4005	0.0401	0.0474	
53 1,2-Dichloroethane	62		11.683					ND	
54 n-Heptane	43	11.828	11.828	0.000	86	1276	0.0401	0.0249	
* 55 1,4-Difluorobenzene	114	12.342	12.347	-0.005	95	1326622	10.0	10.0	
56 n-Butanol	56	12.743	12.727	0.016	85	1041	0.0401	0.0663	
57 Trichloroethene	95	12.818	12.823	-0.005	66	1483	0.0401	0.0394	M
59 1,2-Dichloropropane	63		13.427					ND	
60 Methyl methacrylate	69		13.583					ND	
61 1,4-Dioxane	88	13.652	13.641	0.011	1	292	0.0401	0.0207	
62 Dibromomethane	174	13.690	13.695	-0.005	93	1768	0.0401	0.0484	
63 Dichlorobromomethane	83	13.995	13.994	0.001	93	1601	0.0401	0.0254	
66 cis-1,3-Dichloropropene	75	14.979	14.973	0.006	89	1056	0.0401	0.0217	
A 65 Total Hydrocarbons	1	14.989	(3.012-26.967)		0	1176235	NC	NC	
A 64 TVOC as Toluene	1	14.989	(3.012-26.967)		0	1176235	0.0401	17.9	
67 4-Methyl-2-pentanone (MIBK	43	15.289	15.273	0.016	94	2724	0.0401	0.0386	
68 Toluene	92	15.589	15.583	0.006	89	2333	0.0401	0.0378	
A 114 Toluene Range	1		(15.573-15.593)					ND	
A 113 C8 Range	1		(15.605-15.625)					ND	
A 58 GRO	1	15.615	(15.615-15.615)		0	18712	0.0401	0	
69 n-Octane	43	15.616	15.615	0.001	91	2601	0.0401	0.0337	
70 trans-1,3-Dichloropropene	75	16.204	16.199	0.005	78	961	0.0401	0.0182	
71 1,1,2-Trichloroethane	83		16.589					ND	
72 Tetrachloroethene	166	16.680	16.685	-0.005	92	2157	0.0401	0.0416	
41 2-Hexanone	43	17.039	17.044	-0.005	39	2415	0.0401	0.0372	
73 Chlorodibromomethane	129	17.365	17.375	-0.010	92	2364	0.0401	0.0377	
74 Ethylene Dibromide	107	17.654	17.659	-0.005	97	1865	0.0401	0.0338	M
* 75 Chlorobenzene-d5	117	18.563	18.563	0.000	86	1248103	10.0	10.0	
76 Chlorobenzene	112	18.622	18.627	-0.005	1	3762	0.0401	0.0431	
77 Ethylbenzene	91	18.767	18.772	-0.005	97	5753	0.0401	0.0410	
78 n-Nonane	57	18.879	18.868	0.011	90	2486	0.0401	0.0362	
80 m-Xylene & p-Xylene	106	19.029	19.023	0.006	97	3826	0.0802	0.0698	
82 o-Xylene	106	19.821	19.831	-0.011	90	1826	0.0401	0.0348	M
83 Styrene	104	19.879	19.879	0.000	92	2495	0.0401	0.0303	
S 81 Xylenes, Total	106				0		0.1203	0.1046	
84 Bromoform	173	20.275	20.280	-0.005	90	2198	0.0401	0.0326	
85 Isopropylbenzene	105	20.457	20.457	0.000	95	5328	0.0401	0.0337	
* 109 4-Bromofluorobenzene	95	20.810	20.810	0.000	92	907738	10.0	10.0	
86 1,1,2,2-Tetrachloroethane	83	21.072	21.072	0.000	95	3404	0.0401	0.0398	
87 N-Propylbenzene	91	21.137	21.136	0.001	99	7633	0.0401	0.0378	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,2,3-Trichloropropane	75	21.169	21.174	-0.005	96	3632	0.0401	0.0522	
89 n-Decane	57	21.276	21.275	0.001	87	3816	0.0401	0.0393	
90 4-Ethyltoluene	105	21.318	21.313	0.005	94	5971	0.0401	0.0357	
91 2-Chlorotoluene	91	21.340	21.329	0.011	94	5663	0.0401	0.0400	M
92 1,3,5-Trimethylbenzene	105	21.415	21.414	0.001	91	4750	0.0401	0.0347	
93 Alpha Methyl Styrene	118	21.762	21.762	0.000	84	1945	0.0401	0.0303	
94 tert-Butylbenzene	119	21.885	21.885	0.000	94	5026	0.0401	0.0379	
95 1,2,4-Trimethylbenzene	105	21.971	21.976	-0.005	95	5010	0.0401	0.0360	
96 sec-Butylbenzene	105	22.201	22.196	0.005	97	7491	0.0401	0.0366	
97 4-Isopropyltoluene	119	22.388	22.393	-0.005	95	6360	0.0401	0.0369	
98 1,3-Dichlorobenzene	146	22.431	22.436	-0.005	96	4098	0.0401	0.0407	
99 1,4-Dichlorobenzene	146	22.576	22.575	0.001	90	3700	0.0401	0.0369	
100 Benzyl chloride	91	22.784	22.784	0.000	97	4261	0.0401	0.0344	
102 Undecane	57	22.988	22.987	0.001	83	4065	0.0401	0.0361	
101 n-Butylbenzene	91	22.988	22.987	0.001	95	6124	0.0401	0.0367	
103 1,2-Dichlorobenzene	146	23.143	23.137	0.006	94	4075	0.0401	0.0426	
104 Dodecane	57	24.657	24.656	0.001	93	2698	0.0401	0.0265	
105 1,2,4-Trichlorobenzene	180	25.807	25.807	0.000	89	2559	0.0401	0.0311	
106 Hexachlorobutadiene	225	25.994	25.994	0.000	86	2817	0.0401	0.0359	
107 Naphthalene	128	26.342	26.347	-0.005	12	3401	0.0401	0.0211	
108 1,2,3-Trichlorobenzene	180	26.861	26.860	0.001	83	2376	0.0401	0.0327	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL1w_00114	Amount Added: 40.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

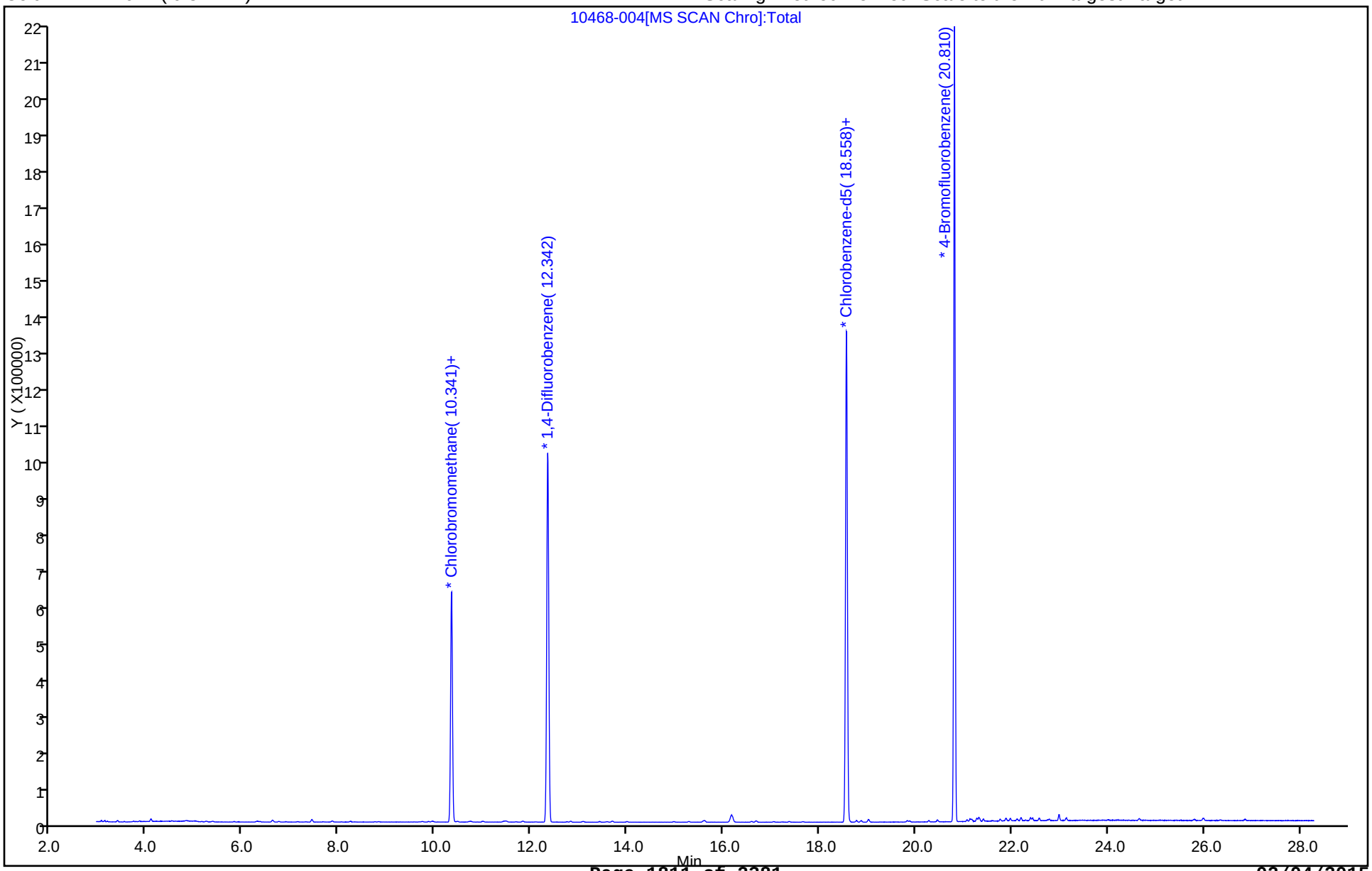
Report Date: 11-Nov-2014 11:39:50 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-004.D

Injection Date:	10-Nov-2014 16:30:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

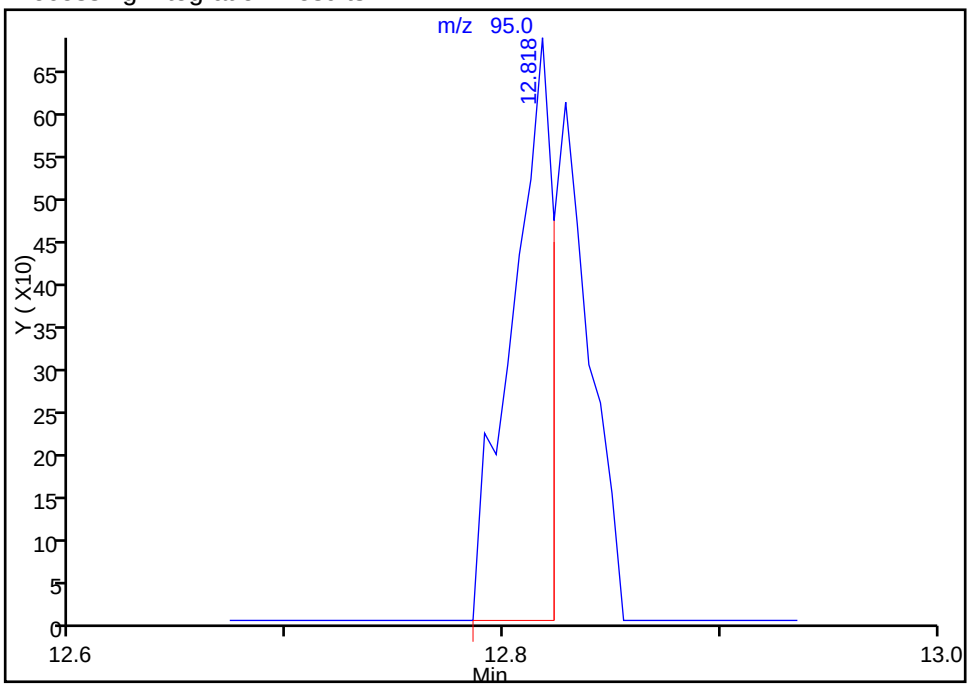
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-004.D
Injection Date: 10-Nov-2014 16:30:30 Instrument ID: CHX.i
Lims ID: ic
Client ID:
Operator ID: wrd ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHX.i.m Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

57 Trichloroethene, CAS: 79-01-6

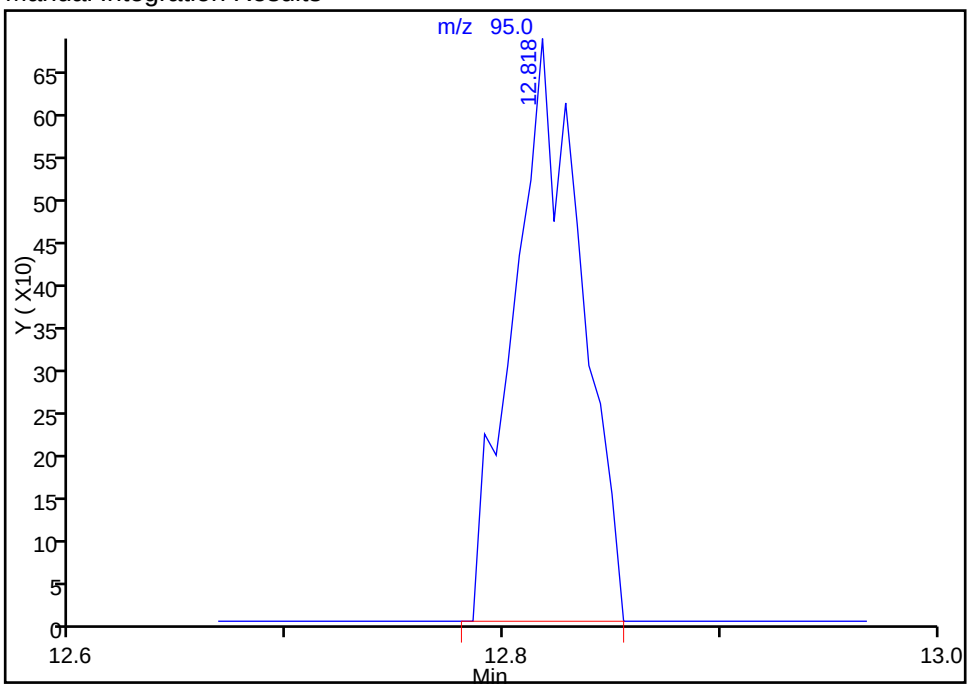
Processing Integration Results

RT: 12.82
Response: 909
Amount: 0.025451



Manual Integration Results

RT: 12.82
Response: 1483
Amount: 0.039432



Reviewer: lyonsb, 11-Nov-2014 11:32:20
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

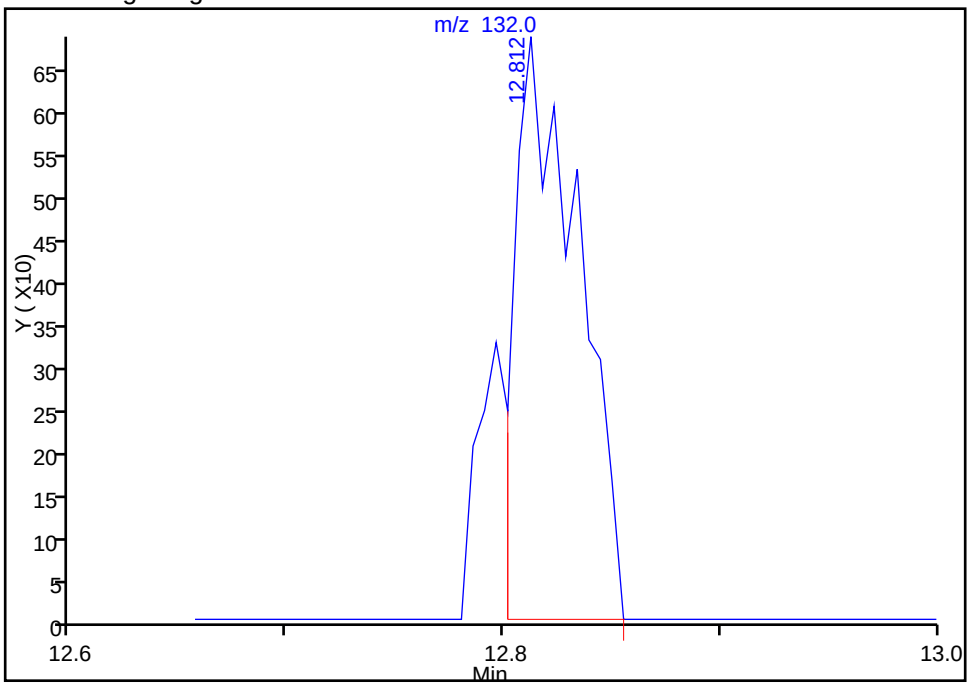
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-004.D				
Injection Date:	10-Nov-2014 16:30:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

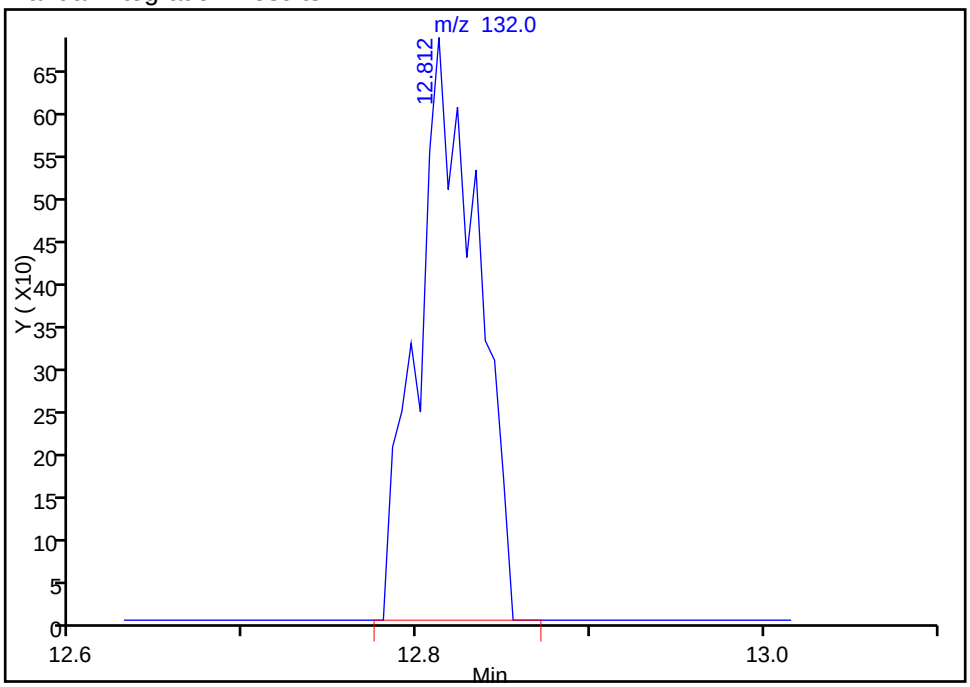
Processing Integration Results

RT: 12.81
Response: 1396
Amount: 0.025451



Manual Integration Results

RT: 12.81
Response: 1645
Amount: 0.039432



Reviewer: lyonsb, 11-Nov-2014 11:32:20
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

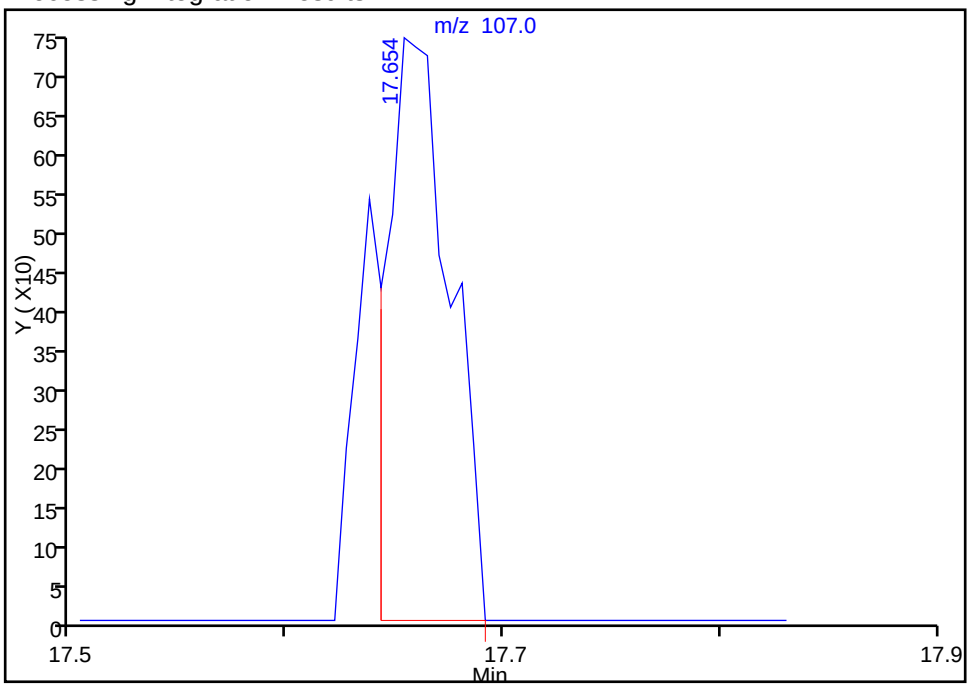
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-004.D				
Injection Date:	10-Nov-2014 16:30:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Ethylene Dibromide, CAS: 106-93-4

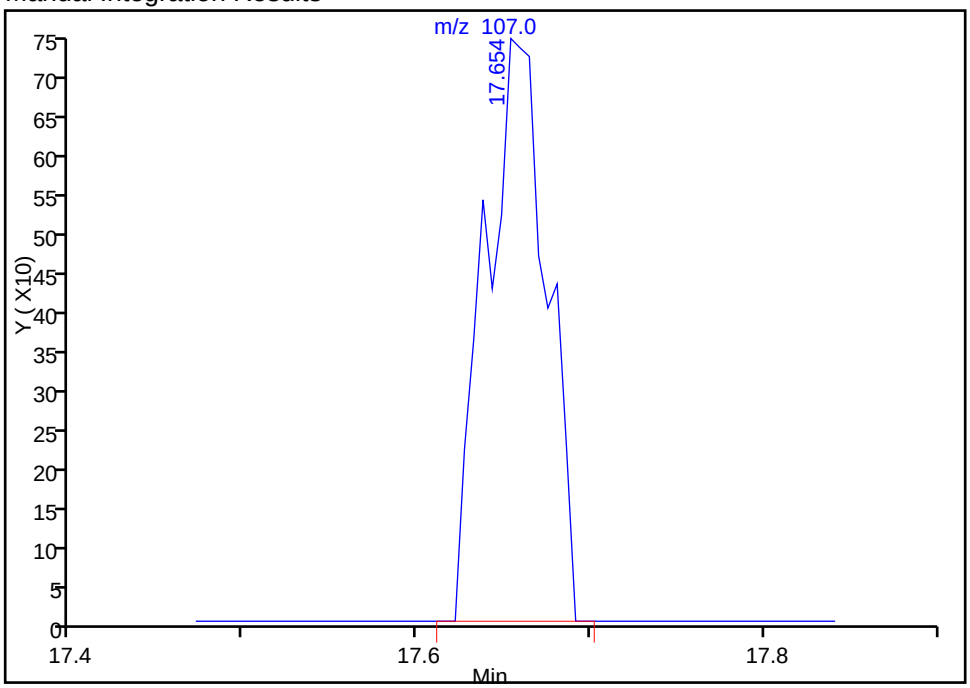
Processing Integration Results

RT: 17.65
Response: 1504
Amount: 0.028420



Manual Integration Results

RT: 17.65
Response: 1865
Amount: 0.033817



Reviewer: lyonsb, 11-Nov-2014 11:32:20
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

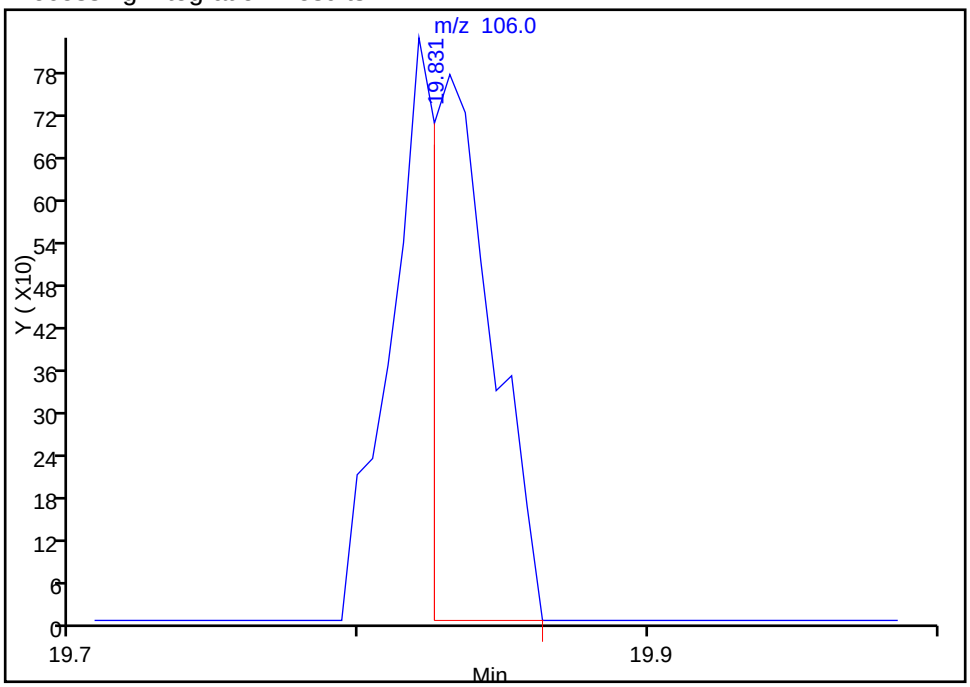
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-004.D				
Injection Date:	10-Nov-2014 16:30:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 o-Xylene, CAS: 95-47-6

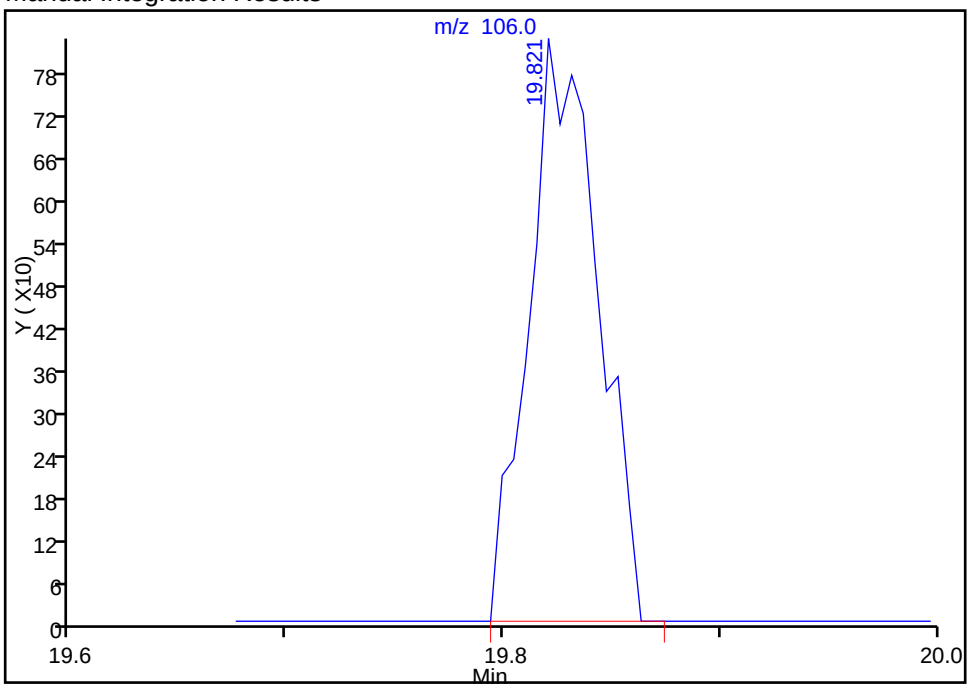
Processing Integration Results

RT: 19.83
Response: 1135
Amount: 0.021620



Manual Integration Results

RT: 19.82
Response: 1826
Amount: 0.034783



Reviewer: lyonsb, 11-Nov-2014 11:32:20
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

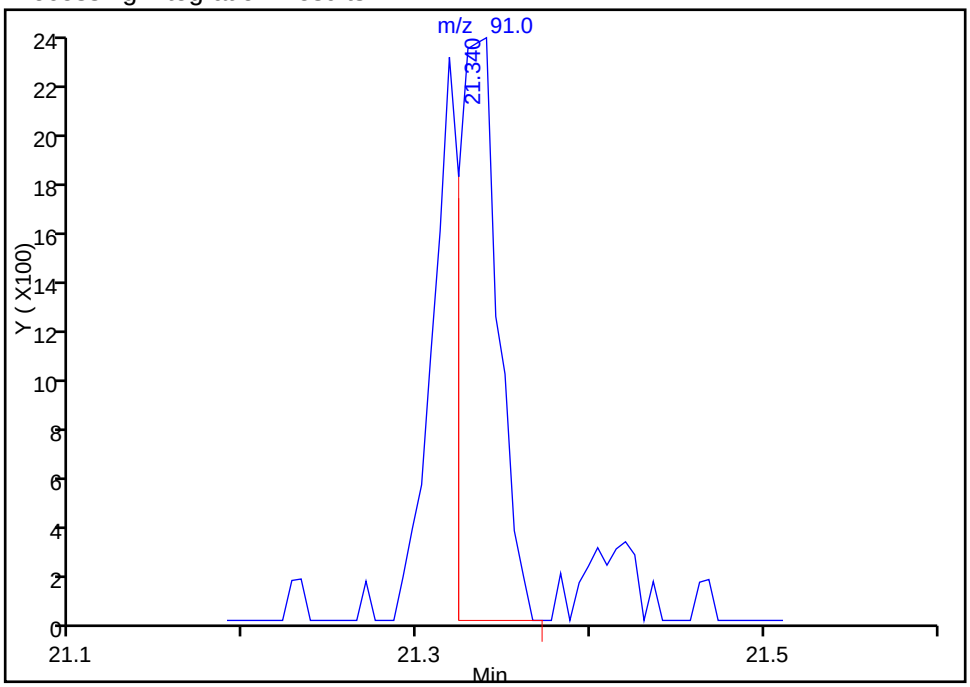
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-004.D
Injection Date: 10-Nov-2014 16:30:30 Instrument ID: CHX.i
Lims ID: ic
Client ID:
Operator ID: wrd ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHX.i.m Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

91 2-Chlorotoluene, CAS: 95-49-8

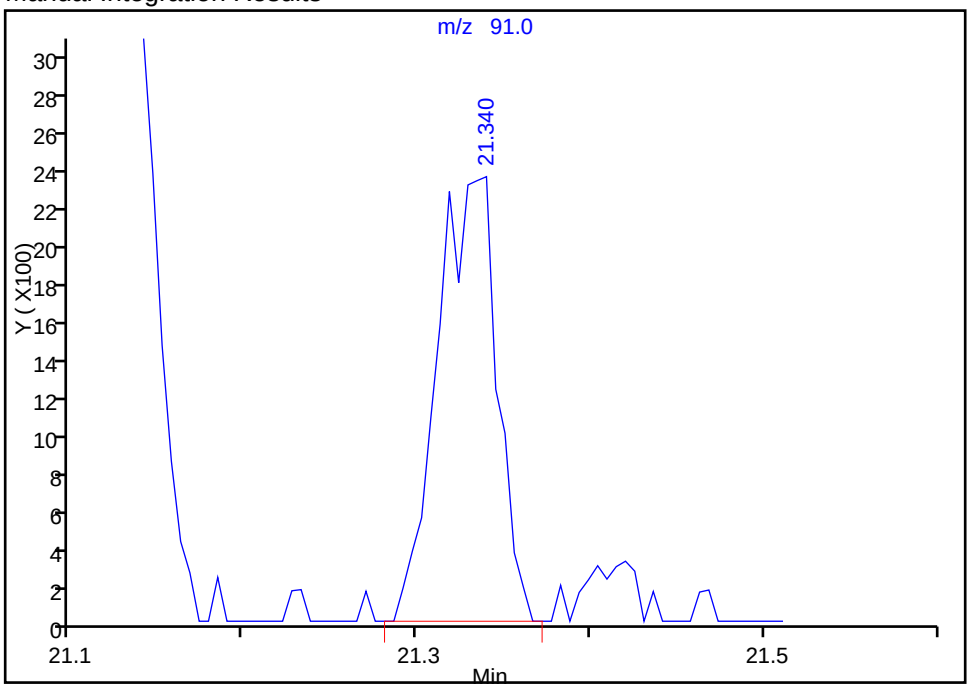
Processing Integration Results

RT: 21.34
Response: 3723
Amount: 0.026319



Manual Integration Results

RT: 21.34
Response: 5663
Amount: 0.040033



Reviewer: lyonsb, 11-Nov-2014 11:32:20
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 10-Nov-2014 17:16:30 ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0010468-005
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHX.i
Sublist: chrom-TO15_LLNJ_TO3_CHX.i.m*sub3

Method: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Nov-2014 12:51:27 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: lyonsb Date: 11-Nov-2014 11:38:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.049	3.044	0.005	93	4790	0.2004	0.2685	
3 Dichlorodifluoromethane	85	3.119	3.113	0.006	98	13778	0.2004	0.2123	
6 Chlorodifluoromethane	51	3.172	3.167	0.005	96	8429	0.2004	0.2208	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.386	3.381	0.005	92	12115	0.2004	0.2020	
8 Chloromethane	50	3.525	3.525	0.000	97	4967	0.2004	0.2383	
9 Butane	43	3.723	3.718	0.005	98	7887	0.2004	0.2294	
10 Vinyl chloride	62	3.766	3.766	0.000	96	4859	0.2004	0.2068	
11 Butadiene	54	3.846	3.841	0.005	95	3139	0.2004	0.1940	
12 Bromomethane	94	4.515	4.520	-0.005	96	4053	0.2004	0.2110	
13 Chloroethane	64	4.756	4.750	0.006	99	2262	0.2004	0.2235	
14 2-Methylbutane	43	4.815	4.814	0.001	96	5487	0.2004	0.2469	
15 Vinyl bromide	106	5.141	5.141	0.000	95	4368	0.2004	0.1987	
16 Trichlorofluoromethane	101	5.232	5.232	0.000	96	13744	0.2004	0.2070	
17 Pentane	43	5.360	5.365	-0.005	96	8753	0.2004	0.2322	
20 Ethanol	45	5.815	5.804	0.011	98	6528	0.4009	0.6001	
21 Ethyl ether	59	5.901	5.884	0.017	94	2861	0.2004	0.1925	
22 Acrolein	56	6.291	6.291	0.000	64	2618	0.2004	0.3846	
23 1,1,2-Trichloro-1,2,2-trif	101	6.286	6.296	-0.010	95	9127	0.2004	0.2029	
24 1,1-Dichloroethene	96	6.355	6.350	0.005	96	4077	0.2004	0.1999	
25 Acetone	43	6.607	6.601	0.006	86	37453	0.2004	1.02	
26 Carbon disulfide	76	6.740	6.746	-0.006	99	14198	0.2004	0.2324	
27 Isopropyl alcohol	45	6.874	6.874	0.000	97	6900	0.2004	0.2361	
29 3-Chloro-1-propene	41	7.136	7.136	0.000	93	5175	0.2004	0.1868	
30 Acetonitrile	41	7.302	7.297	0.005	95	4181	0.2004	0.2753	
31 Methylene Chloride	49	7.436	7.436	0.000	95	10068	0.2004	0.3717	
32 2-Methyl-2-propanol	59	7.655	7.644	0.011	97	7356	0.2004	0.1778	
33 Methyl tert-butyl ether	73	7.837	7.826	0.011	96	11301	0.2004	0.1776	
34 trans-1,2-Dichloroethene	61	7.864	7.864	0.000	95	6348	0.2004	0.1902	M
35 Acrylonitrile	53	8.046	8.046	0.000	94	2930	0.2004	0.1836	
36 Hexane	57	8.238	8.238	0.000	90	6312	0.2004	0.1917	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.741	8.752	-0.011	98	8736	0.2004	0.2020	
38 Vinyl acetate	43	8.816	8.821	-0.005	99	9521	0.2004	0.1571	
40 cis-1,2-Dichloroethene	96	9.870	9.870	0.000	94	4609	0.2004	0.1855	M
42 2-Butanone (MEK)	72	9.934	9.923	0.011	100	4396	0.2004	0.3274	
43 Ethyl acetate	88	9.966	9.950	0.016	94	224	0.2004	0.1161	
S 39 1,2-Dichloroethene, Total	61				0		0.4009	0.3757	
45 Tetrahydrofuran	42	10.341	10.335	0.006	30	5416	0.2004	0.1943	
* 44 Chlorobromomethane	128	10.341	10.346	-0.005	95	236236	10.0	10.0	
46 Chloroform	83	10.469	10.469	0.000	97	10860	0.2004	0.2023	
47 Cyclohexane	84	10.715	10.710	0.005	92	6155	0.2004	0.1837	M
48 1,1,1-Trichloroethane	97	10.758	10.753	0.005	94	10817	0.2004	0.1971	M
49 Carbon tetrachloride	117	10.999	10.999	0.000	97	11505	0.2004	0.1935	
51 Isooctane	57	11.443	11.437	0.006	98	22815	0.2004	0.1726	
52 Benzene	78	11.486	11.491	-0.005	96	16688	0.2004	0.1994	
53 1,2-Dichloroethane	62	11.678	11.683	-0.005	96	6961	0.2004	0.1961	
54 n-Heptane	43	11.817	11.828	-0.011	90	9621	0.2004	0.1893	
* 55 1,4-Difluorobenzene	114	12.342	12.347	-0.005	95	1314840	10.0	10.0	
56 n-Butanol	56	12.732	12.727	0.005	91	5276	0.2004	0.3391	
57 Trichloroethene	95	12.818	12.823	-0.005	97	7175	0.2004	0.1925	M
59 1,2-Dichloropropane	63	13.417	13.427	-0.010	90	6568	0.2004	0.1911	
60 Methyl methacrylate	69	13.583	13.583	0.000	89	4854	0.2004	0.1531	
61 1,4-Dioxane	88	13.658	13.641	0.017	86	2944	0.2004	0.2110	
62 Dibromomethane	174	13.690	13.695	-0.005	96	7136	0.2004	0.1972	
63 Dichlorobromomethane	83	13.989	13.994	-0.005	98	11535	0.2004	0.1846	
66 cis-1,3-Dichloropropene	75	14.968	14.973	-0.005	93	7990	0.2004	0.1655	
A 65 Total Hydrocarbons	1	14.989	(3.012-26.967)		0	4235546	NC	NC	
A 64 TVOC as Toluene	1	14.989	(3.012-26.967)		0	4235546	0.2004	65.1	
67 4-Methyl-2-pentanone (MIBK	43	15.279	15.273	0.006	97	11898	0.2004	0.1700	
68 Toluene	92	15.578	15.583	-0.005	93	11631	0.2004	0.1877	
A 114 Toluene Range	1		(15.573-15.593)					ND	
A 113 C8 Range	1		(15.605-15.625)					ND	
A 58 GRO	1	15.615	(15.615-15.615)		0	94420	0.2004	0	
69 n-Octane	43	15.605	15.615	-0.010	92	13150	0.2004	0.1720	
70 trans-1,3-Dichloropropene	75	16.193	16.199	-0.006	97	10486	0.2004	0.2008	
71 1,1,2-Trichloroethane	83	16.589	16.589	0.000	92	6211	0.2004	0.1972	
72 Tetrachloroethene	166	16.686	16.685	0.001	93	9214	0.2004	0.1771	
41 2-Hexanone	43	17.044	17.044	0.000	97	11247	0.2004	0.1726	
73 Chlorodibromomethane	129	17.370	17.375	-0.005	97	10833	0.2004	0.1721	
74 Ethylene Dibromide	107	17.659	17.659	0.000	96	9651	0.2004	0.1744	M
* 75 Chlorobenzene-d5	117	18.563	18.563	0.000	86	1252406	10.0	10.0	
76 Chlorobenzene	112	18.622	18.627	-0.005	97	17036	0.2004	0.1946	
77 Ethylbenzene	91	18.767	18.772	-0.005	98	24350	0.2004	0.1731	
78 n-Nonane	57	18.868	18.868	0.000	89	11381	0.2004	0.1653	
80 m-Xylene & p-Xylene	106	19.023	19.023	0.000	98	18445	0.4009	0.3355	
82 o-Xylene	106	19.821	19.831	-0.010	93	8490	0.2004	0.1612	
83 Styrene	104	19.874	19.879	-0.005	95	12014	0.2004	0.1453	
S 81 Xylenes, Total	106				0		0.6013	0.4967	
84 Bromoform	173	20.275	20.280	-0.005	95	10794	0.2004	0.1596	
85 Isopropylbenzene	105	20.457	20.457	0.000	96	25156	0.2004	0.1584	
* 109 4-Bromofluorobenzene	95	20.810	20.810	0.000	96	912220	10.0	10.0	
86 1,1,2,2-Tetrachloroethane	83	21.078	21.072	0.006	97	16020	0.2004	0.1865	
87 N-Propylbenzene	91	21.131	21.136	-0.005	98	34911	0.2004	0.1722	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,2,3-Trichloropropane	75	21.169	21.174	-0.005	96	13230	0.2004	0.1895	
89 n-Decane	57	21.276	21.275	0.001	90	15384	0.2004	0.1581	
90 4-Ethyltoluene	105	21.313	21.313	0.000	97	28386	0.2004	0.1693	
91 2-Chlorotoluene	91	21.329	21.329	0.000	97	25246	0.2004	0.1779	
92 1,3,5-Trimethylbenzene	105	21.409	21.414	-0.005	93	22541	0.2004	0.1639	
93 Alpha Methyl Styrene	118	21.762	21.762	0.000	87	9540	0.2004	0.1480	
94 tert-Butylbenzene	119	21.880	21.885	-0.005	94	22785	0.2004	0.1712	
95 1,2,4-Trimethylbenzene	105	21.971	21.976	-0.005	97	22376	0.2004	0.1602	
96 sec-Butylbenzene	105	22.196	22.196	0.000	98	34362	0.2004	0.1673	
97 4-Isopropyltoluene	119	22.394	22.393	0.001	97	28177	0.2004	0.1628	
98 1,3-Dichlorobenzene	146	22.431	22.436	-0.005	95	17888	0.2004	0.1769	
99 1,4-Dichlorobenzene	146	22.576	22.575	0.001	94	17507	0.2004	0.1740	
100 Benzyl chloride	91	22.779	22.784	-0.005	98	19489	0.2004	0.1567	
102 Undecane	57	22.982	22.987	-0.005	89	17690	0.2004	0.1567	
101 n-Butylbenzene	91	22.988	22.987	0.001	98	27945	0.2004	0.1669	
103 1,2-Dichlorobenzene	146	23.137	23.137	0.000	95	17385	0.2004	0.1811	
104 Dodecane	57	24.662	24.656	0.006	92	13368	0.2004	0.1309	
105 1,2,4-Trichlorobenzene	180	25.807	25.807	0.000	93	12081	0.2004	0.1461	
106 Hexachlorobutadiene	225	25.994	25.994	0.000	95	13491	0.2004	0.1713	
107 Naphthalene	128	26.347	26.347	0.000	98	15442	0.2004	0.0954	
108 1,2,3-Trichlorobenzene	180	26.855	26.860	-0.005	95	11526	0.2004	0.1581	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL1w_00114	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

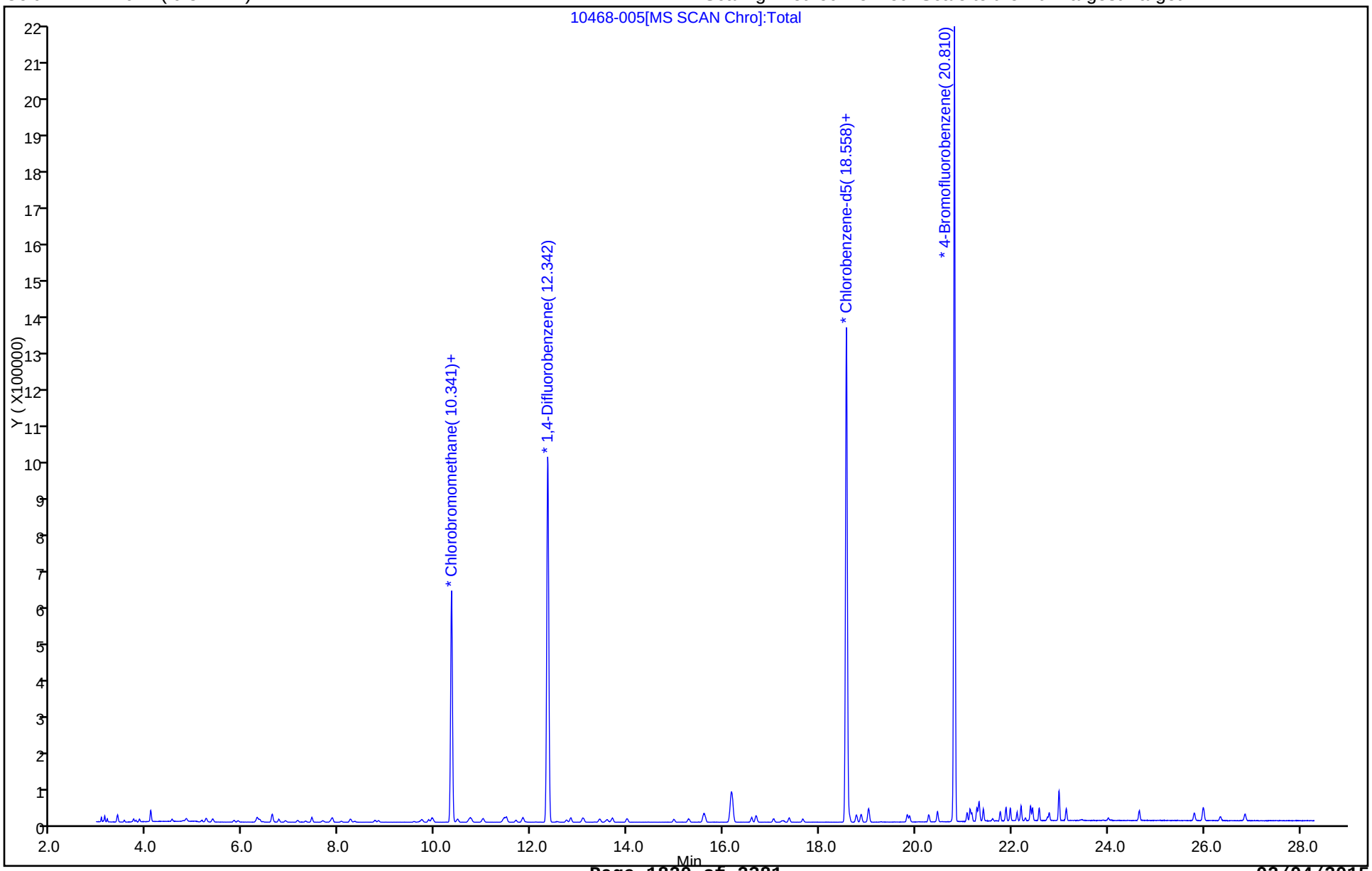
Report Date: 11-Nov-2014 12:51:28 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-005.D

Injection Date:	10-Nov-2014 17:16:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



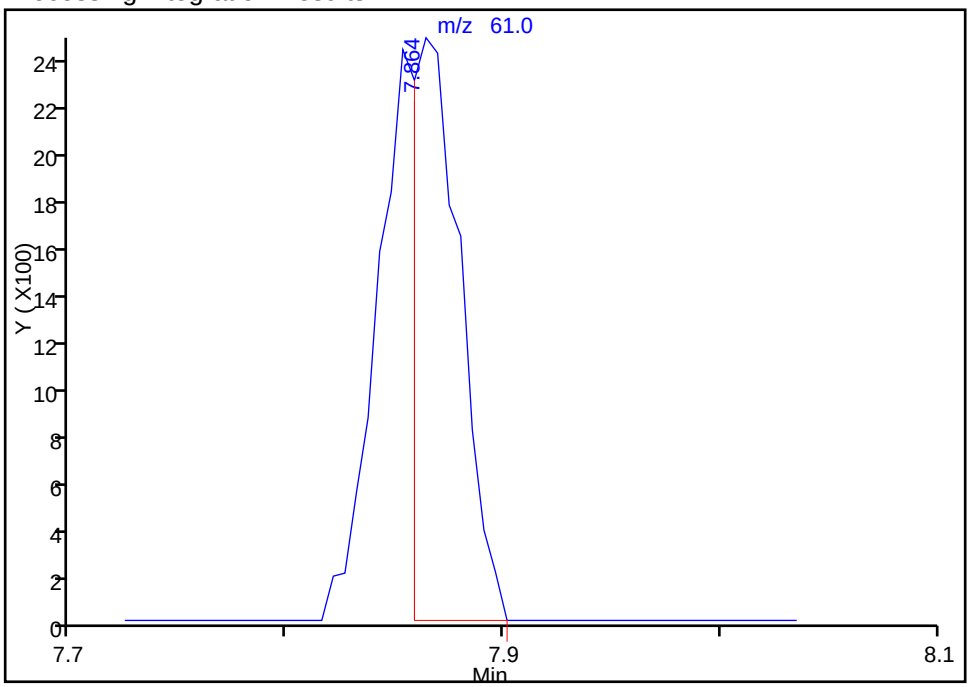
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-005.D				
Injection Date:	10-Nov-2014 17:16:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 trans-1,2-Dichloroethene, CAS: 156-60-5

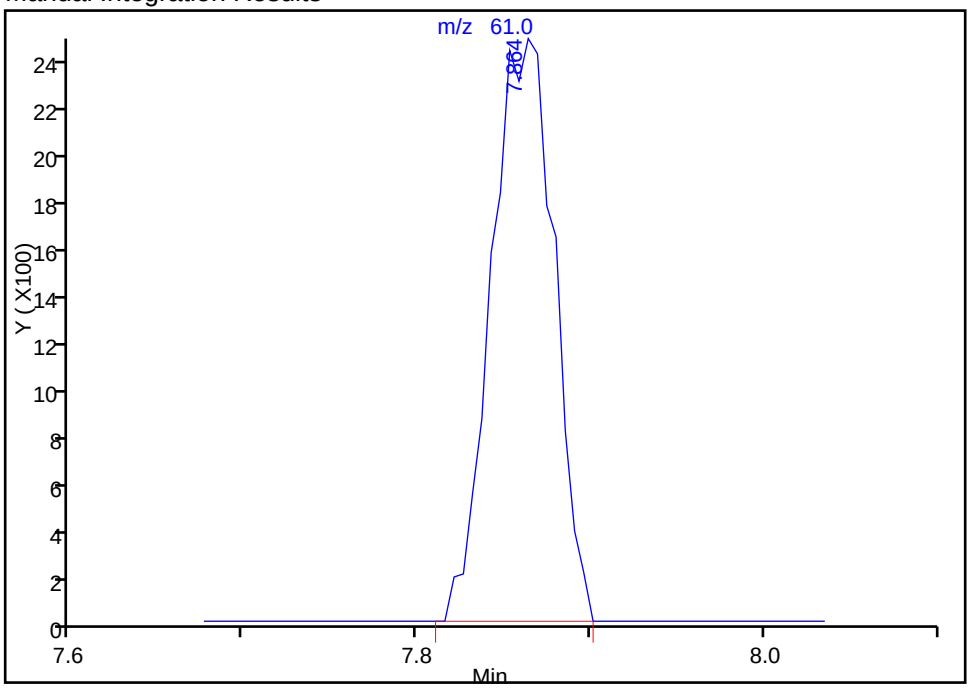
Processing Integration Results

RT: 7.86
Response: 3881
Amount: 0.122723



Manual Integration Results

RT: 7.86
Response: 6348
Amount: 0.190161



Reviewer: lyonsb, 11-Nov-2014 11:38:47
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

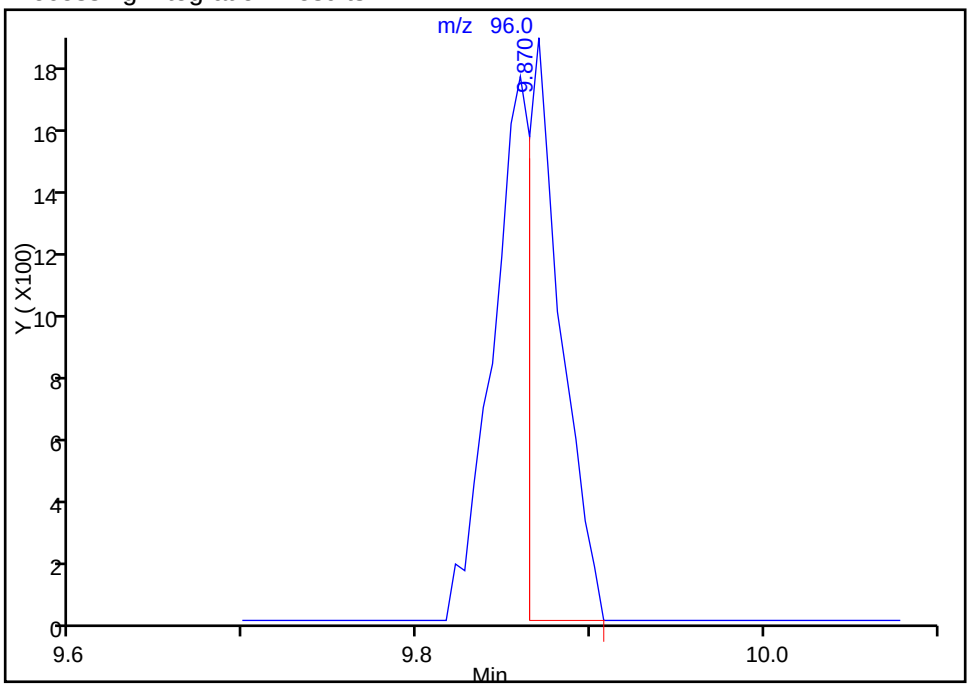
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-005.D				
Injection Date:	10-Nov-2014 17:16:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

40 cis-1,2-Dichloroethene, CAS: 156-59-2

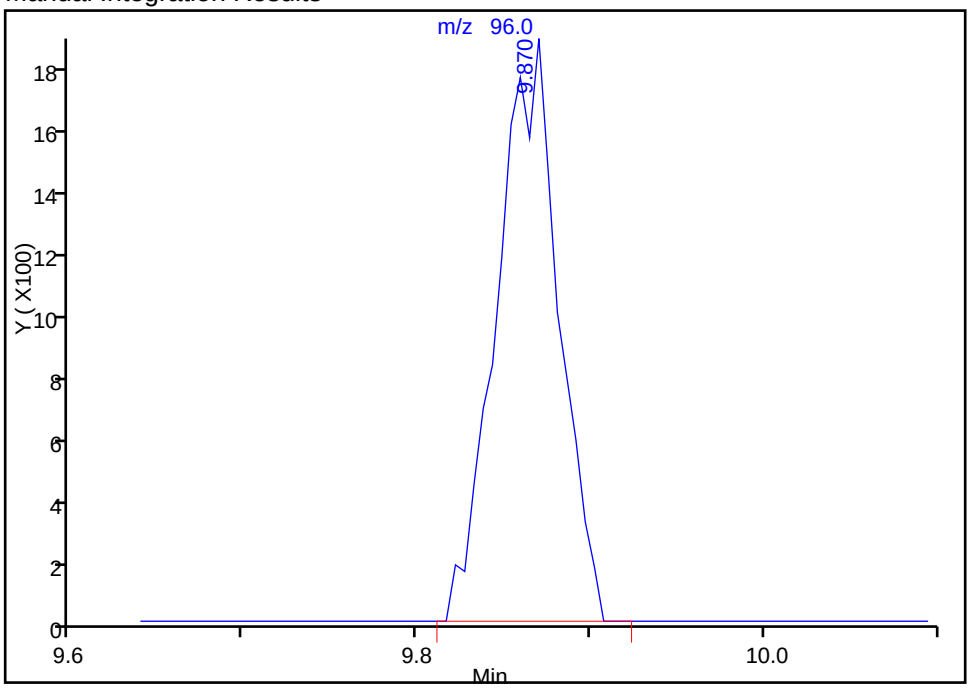
Processing Integration Results

RT: 9.87
Response: 2451
Amount: 0.105156



Manual Integration Results

RT: 9.87
Response: 4609
Amount: 0.185501



Reviewer: lyonsb, 11-Nov-2014 11:38:47
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

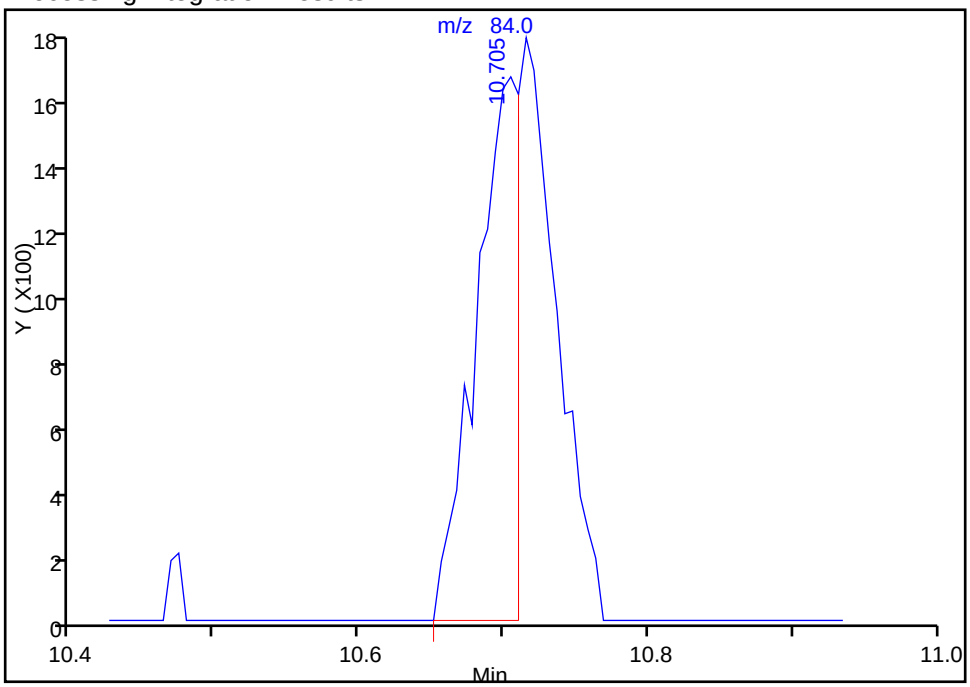
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-005.D				
Injection Date:	10-Nov-2014 17:16:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Cyclohexane, CAS: 110-82-7

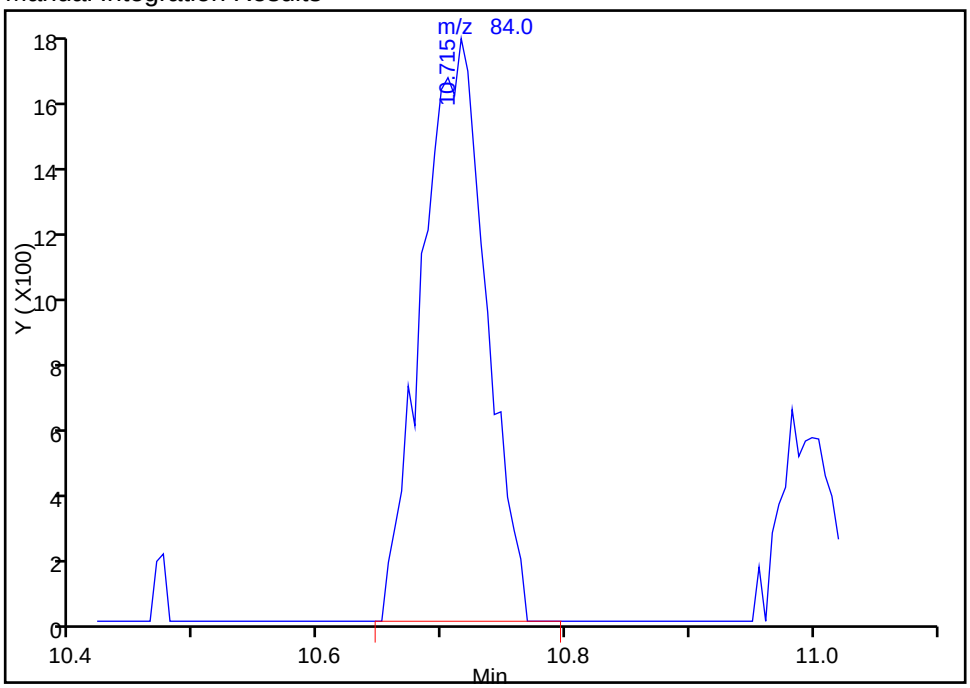
Processing Integration Results

RT: 10.70
Response: 3345
Amount: 0.106198



Manual Integration Results

RT: 10.72
Response: 6155
Amount: 0.183729



Reviewer: lyonsb, 11-Nov-2014 11:38:47
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

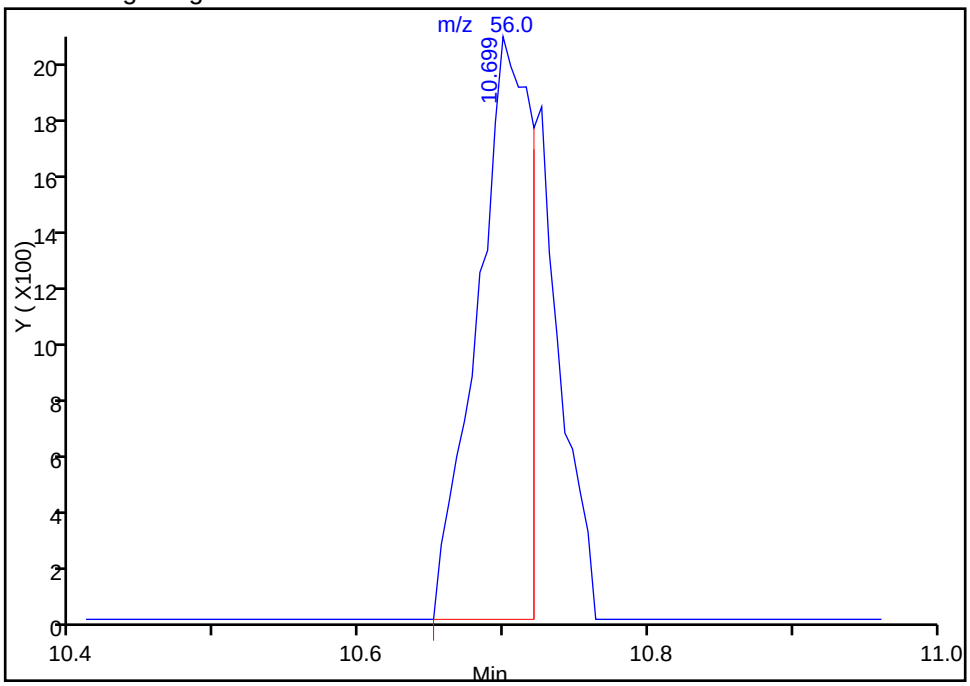
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-005.D				
Injection Date:	10-Nov-2014 17:16:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Cyclohexane, CAS: 110-82-7

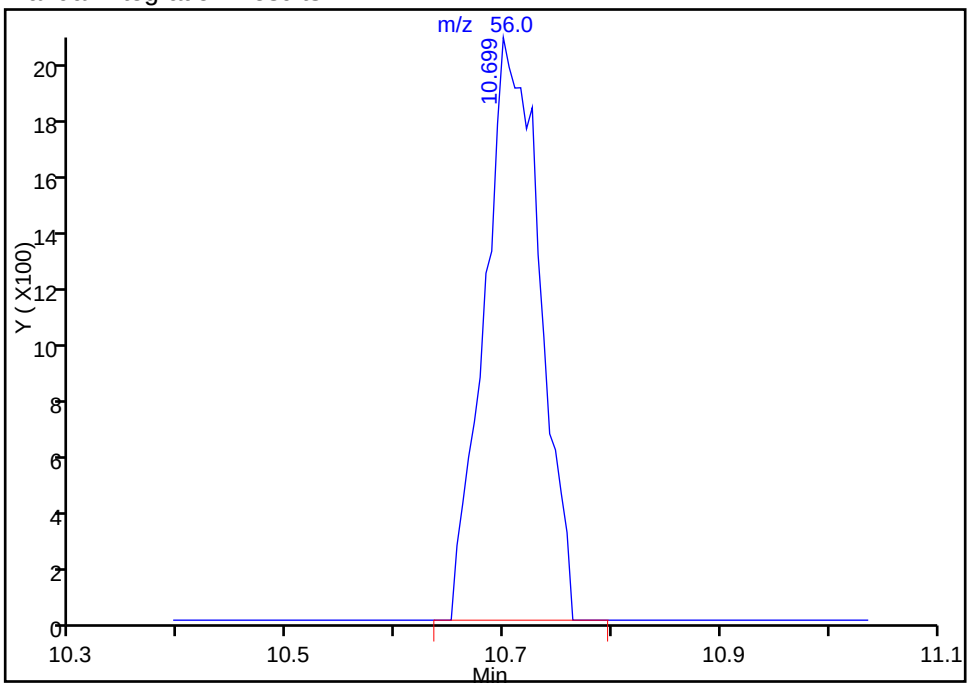
Processing Integration Results

RT: 10.70
Response: 5253
Amount: 0.106198



Manual Integration Results

RT: 10.70
Response: 7190
Amount: 0.183729



Reviewer: lyonsb, 11-Nov-2014 11:38:47
Audit Action: Manually Integrated
Audit Reason: Baseline Event

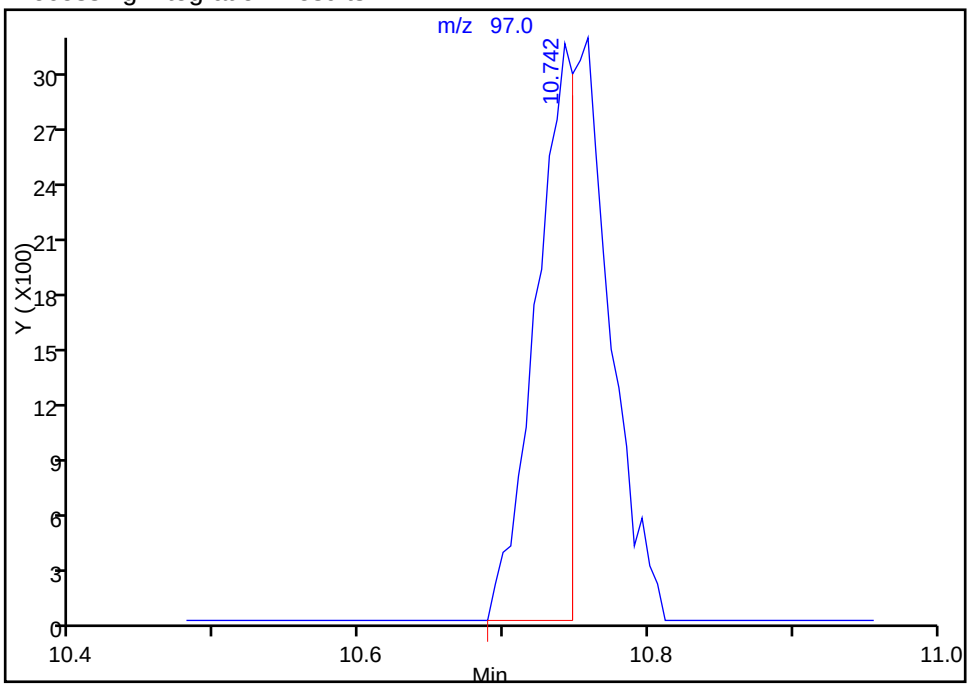
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-005.D				
Injection Date:	10-Nov-2014 17:16:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 1,1,1-Trichloroethane, CAS: 71-55-6

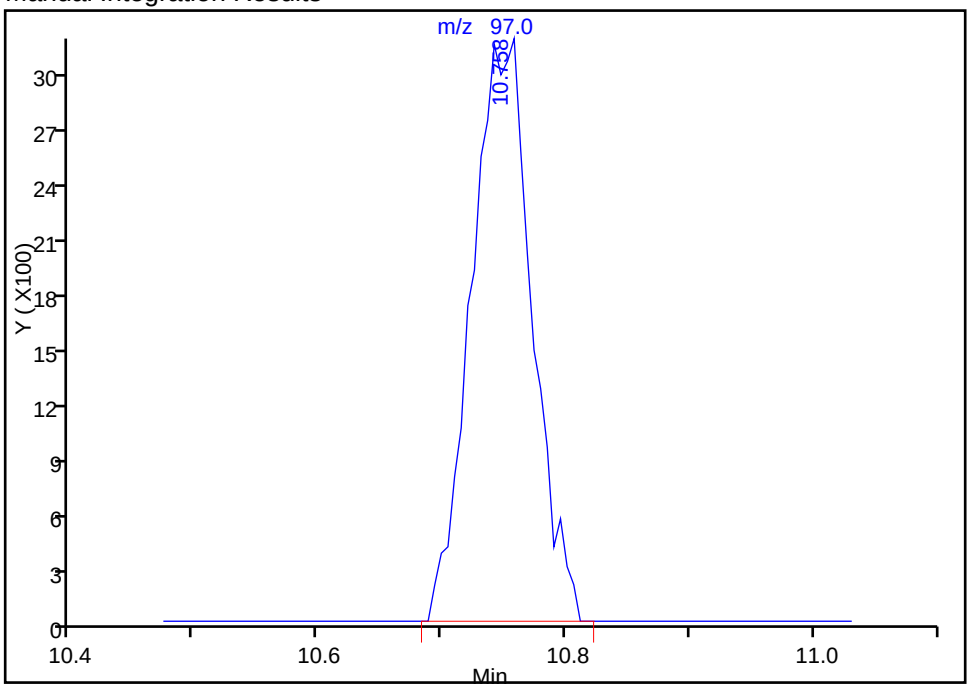
Processing Integration Results

RT: 10.74
Response: 5711
Amount: 0.111470



Manual Integration Results

RT: 10.76
Response: 10817
Amount: 0.197130



Reviewer: lyonsb, 11-Nov-2014 11:38:47
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

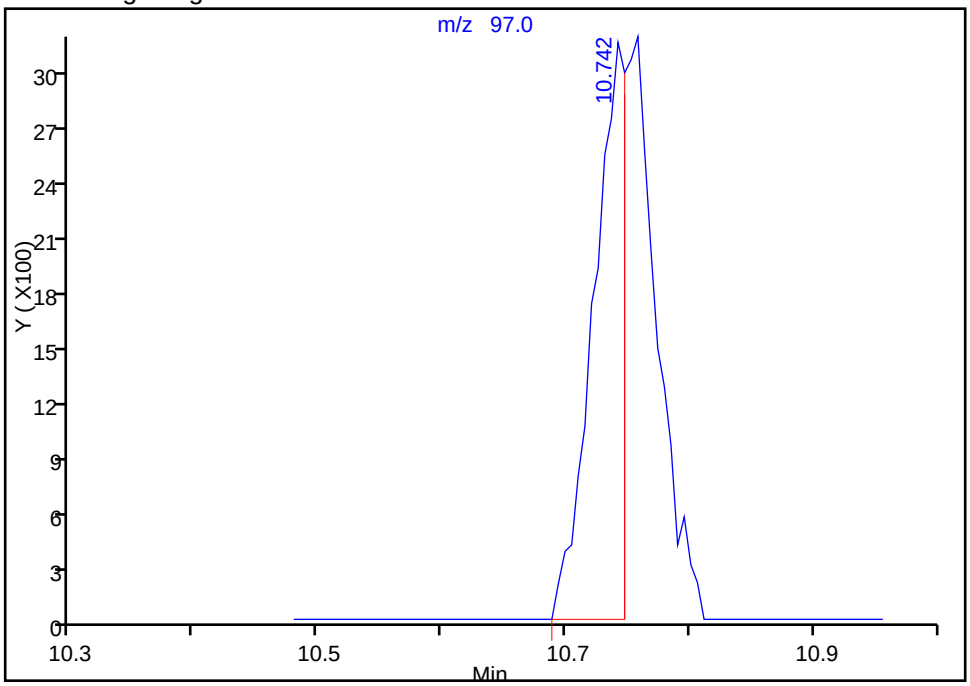
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-005.D				
Injection Date:	10-Nov-2014 17:16:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 1,1,1-Trichloroethane, CAS: 71-55-6

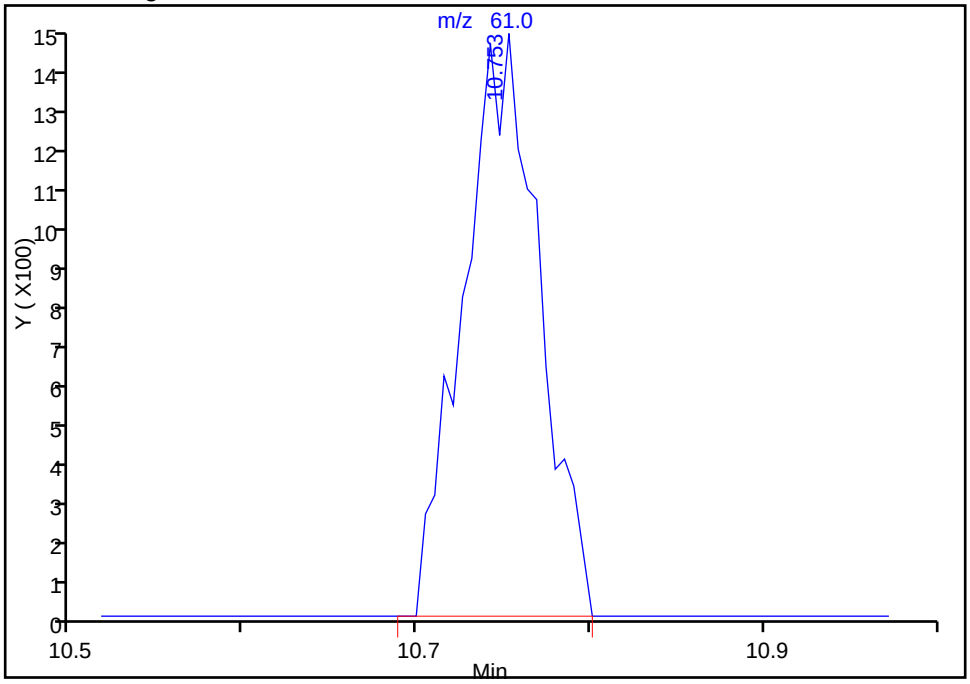
Processing Integration Results

RT: 10.75
Response: 0
Amount: 0.111470



Manual Integration Results

RT: 10.75
Response: 4525
Amount: 0.197130



Reviewer: lyonsb, 11-Nov-2014 11:38:47
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

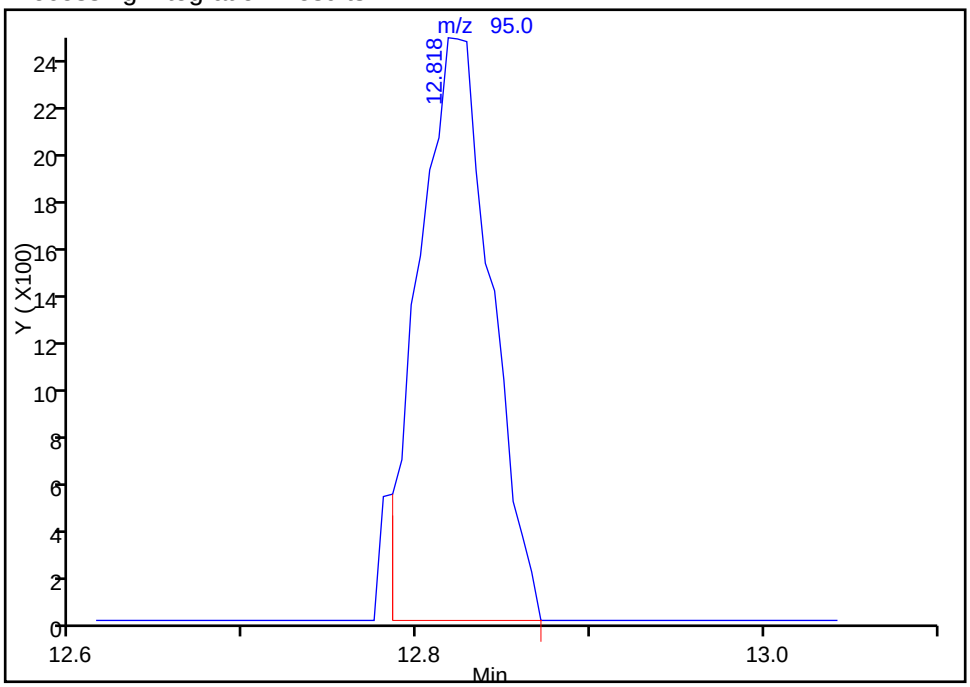
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-005.D				
Injection Date:	10-Nov-2014 17:16:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

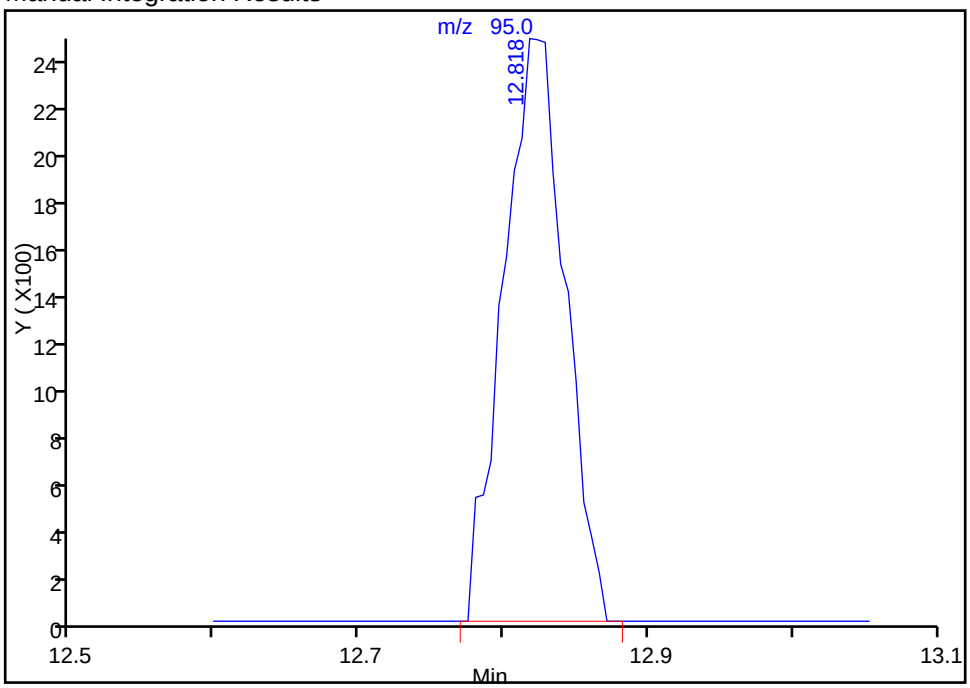
Processing Integration Results

RT: 12.82
Response: 7010
Amount: 0.188581



Manual Integration Results

RT: 12.82
Response: 7175
Amount: 0.192487



Reviewer: lyonsb, 11-Nov-2014 11:38:47
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

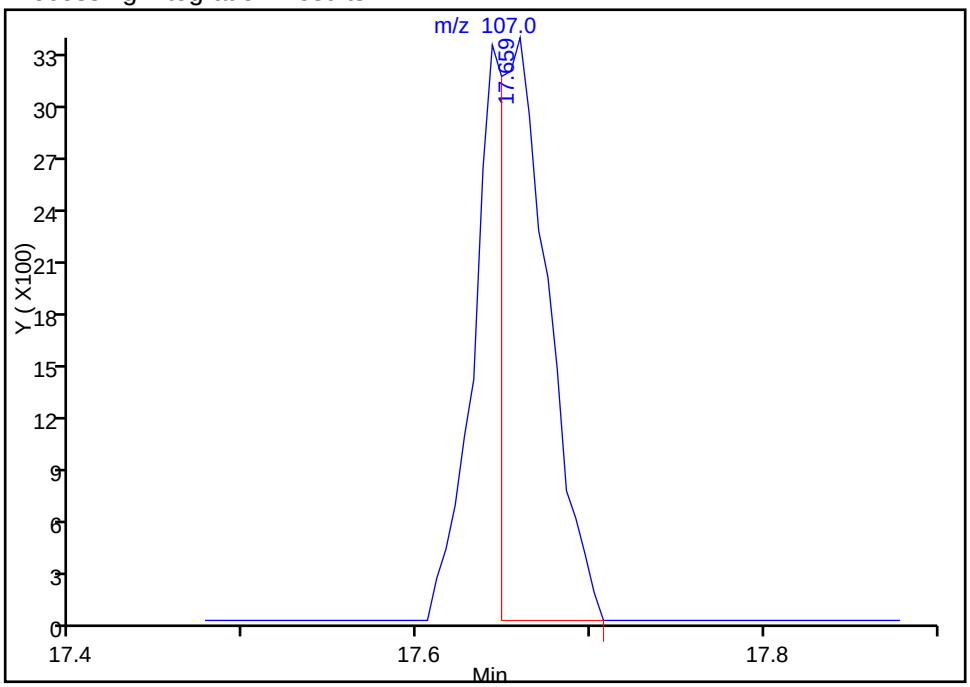
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-005.D				
Injection Date:	10-Nov-2014 17:16:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	2	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Ethylene Dibromide, CAS: 106-93-4

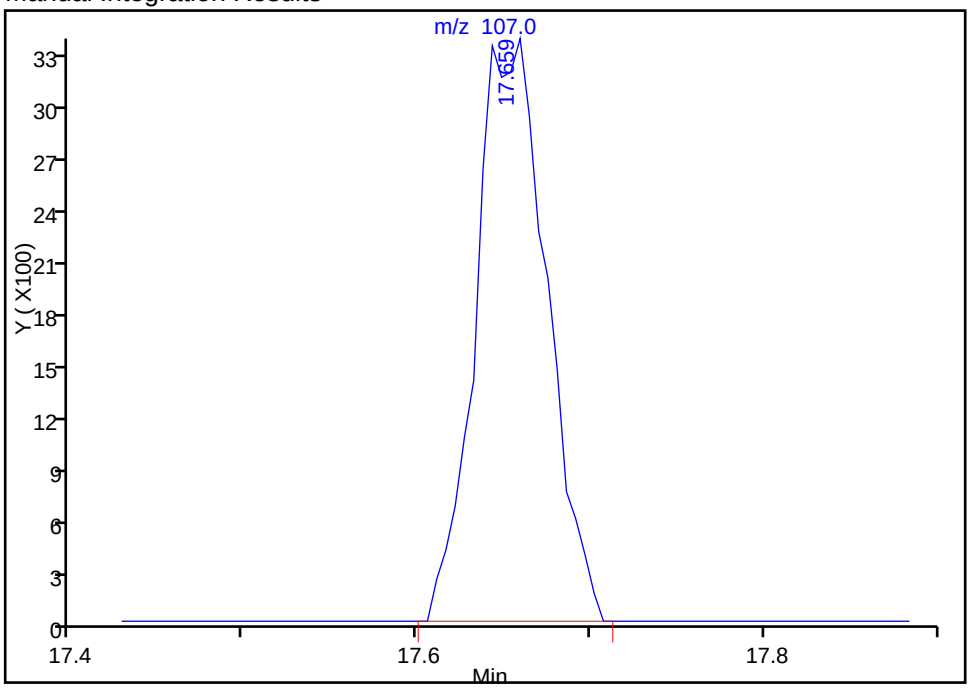
Processing Integration Results

RT: 17.66
Response: 6513
Amount: 0.122647



Manual Integration Results

RT: 17.66
Response: 9651
Amount: 0.174395



Reviewer: lyonsb, 11-Nov-2014 11:38:47
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-006.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 10-Nov-2014 18:02:30 ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0010468-006
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHX.i
Sublist: chrom-TO15_LLNJ_TO3_CHX.i.m*sub3

Method: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Nov-2014 11:39:55 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: lyonsb Date: 11-Nov-2014 11:37:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.049	3.044	0.005	98	11364	0.5005	0.6326	
3 Dichlorodifluoromethane	85	3.119	3.113	0.006	99	36459	0.5005	0.5578	
6 Chlorodifluoromethane	51	3.172	3.167	0.005	97	21996	0.5005	0.5723	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.381	3.381	0.000	94	33821	0.5005	0.5601	
8 Chloromethane	50	3.525	3.525	0.000	98	12383	0.5005	0.5900	
9 Butane	43	3.718	3.718	0.000	97	19607	0.5005	0.5663	
10 Vinyl chloride	62	3.766	3.766	0.000	98	12865	0.5005	0.5437	
11 Butadiene	54	3.841	3.841	0.000	96	8929	0.5005	0.5479	
12 Bromomethane	94	4.520	4.520	0.000	96	10994	0.5005	0.5684	
13 Chloroethane	64	4.750	4.750	0.000	96	5715	0.5005	0.5608	
14 2-Methylbutane	43	4.815	4.814	0.001	90	13158	0.5005	0.5881	
15 Vinyl bromide	106	5.136	5.141	-0.005	99	12100	0.5005	0.5467	
16 Trichlorofluoromethane	101	5.227	5.232	-0.005	98	37583	0.5005	0.5622	
17 Pentane	43	5.366	5.365	0.001	94	20438	0.5005	0.5386	
20 Ethanol	45	5.804	5.804	0.000	98	55544	5.01	5.07	
21 Ethyl ether	59	5.895	5.884	0.011	92	8015	0.5005	0.5356	
22 Acrolein	56	6.296	6.291	0.005	47	5186	0.5005	0.7567	
23 1,1,2-Trichloro-1,2,2-trif	101	6.296	6.296	0.000	97	25664	0.5005	0.5668	
24 1,1-Dichloroethene	96	6.350	6.350	0.000	96	11026	0.5005	0.5368	
25 Acetone	43	6.607	6.601	0.006	86	55867	0.5005	1.51	
26 Carbon disulfide	76	6.746	6.746	0.000	100	32924	0.5005	0.5353	
27 Isopropyl alcohol	45	6.880	6.874	0.006	96	16041	0.5005	0.5451	
29 3-Chloro-1-propene	41	7.131	7.136	-0.005	92	14672	0.5005	0.5259	
30 Acetonitrile	41	7.297	7.297	0.000	96	9678	0.5005	0.6329	
31 Methylene Chloride	49	7.425	7.436	-0.011	97	19321	0.5005	0.7083	
32 2-Methyl-2-propanol	59	7.655	7.644	0.011	98	20733	0.5005	0.4976	
33 Methyl tert-butyl ether	73	7.827	7.826	0.000	97	32261	0.5005	0.5034	
34 trans-1,2-Dichloroethene	61	7.859	7.864	-0.005	97	18364	0.5005	0.5463	
35 Acrylonitrile	53	8.046	8.046	0.000	96	8547	0.5005	0.5319	
36 Hexane	57	8.238	8.238	0.000	91	16495	0.5005	0.4976	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.747	8.752	-0.005	99	23935	0.5005	0.5497	
38 Vinyl acetate	43	8.822	8.821	0.001	99	27381	0.5005	0.4486	
40 cis-1,2-Dichloroethene	96	9.859	9.870	-0.011	96	13070	0.5005	0.5224	
42 2-Butanone (MEK)	72	9.924	9.923	0.001	98	9089	0.5005	0.6722	
43 Ethyl acetate	88	9.945	9.950	-0.005	97	815	0.5005	0.4197	
S 39 1,2-Dichloroethene, Total	61				0		1.00	1.07	
45 Tetrahydrofuran	42	10.341	10.335	0.006	32	14539	0.5005	0.5162	
* 44 Chlorobromomethane	128	10.341	10.346	-0.005	95	237864	10.0	10.0	
46 Chloroform	83	10.469	10.469	0.000	97	28653	0.5005	0.5300	
47 Cyclohexane	84	10.715	10.710	0.005	93	16454	0.5005	0.4861	
48 1,1,1-Trichloroethane	97	10.747	10.753	-0.006	98	29279	0.5005	0.5281	
49 Carbon tetrachloride	117	10.999	10.999	0.000	98	31527	0.5005	0.5249	
51 Isooctane	57	11.438	11.437	0.001	98	64002	0.5005	0.4791	
52 Benzene	78	11.486	11.491	-0.005	96	44202	0.5005	0.5226	
53 1,2-Dichloroethane	62	11.678	11.683	-0.005	97	19178	0.5005	0.5347	
54 n-Heptane	43	11.823	11.828	-0.005	93	24598	0.5005	0.4791	
* 55 1,4-Difluorobenzene	114	12.347	12.347	0.000	95	1328460	10.0	10.0	
56 n-Butanol	56	12.738	12.727	0.011	85	10892	0.5005	0.6929	
57 Trichloroethene	95	12.818	12.823	-0.005	98	19437	0.5005	0.5161	
59 1,2-Dichloropropane	63	13.422	13.427	-0.005	88	17355	0.5005	0.4998	
60 Methyl methacrylate	69	13.583	13.583	0.000	89	13880	0.5005	0.4334	
61 1,4-Dioxane	88	13.652	13.641	0.011	77	7506	0.5005	0.5326	
62 Dibromomethane	174	13.690	13.695	-0.005	96	18920	0.5005	0.5174	
63 Dichlorobromomethane	83	13.989	13.994	-0.005	98	31322	0.5005	0.4961	
66 cis-1,3-Dichloropropene	75	14.974	14.973	0.001	92	22605	0.5005	0.4634	
A 65 Total Hydrocarbons	1	14.989	(3.012-26.967)		0	10389967	NC	NC	
A 64 TVOC as Toluene	1	14.989	(3.012-26.967)		0	10389967	0.5005	158.0	
67 4-Methyl-2-pentanone (MIBK	43	15.279	15.273	0.006	98	33142	0.5005	0.4688	
68 Toluene	92	15.584	15.583	0.001	93	31435	0.5005	0.5035	
A 114 Toluene Range	1		(15.573-15.593)					ND	
A 113 C8 Range	1		(15.605-15.625)					ND	
A 58 GRO	1	15.615	(15.615-15.615)		0	267931	0.5005	0	
69 n-Octane	43	15.616	15.615	0.001	93	36960	0.5005	0.4784	
70 trans-1,3-Dichloropropene	75	16.199	16.199	0.000	97	24745	0.5005	0.4689	
71 1,1,2-Trichloroethane	83	16.589	16.589	0.000	94	16437	0.5005	0.5180	
72 Tetrachloroethene	166	16.686	16.685	0.001	97	26610	0.5005	0.5077	
41 2-Hexanone	43	17.044	17.044	0.000	98	31429	0.5005	0.4788	
73 Chlorodibromomethane	129	17.370	17.375	-0.005	98	31318	0.5005	0.4939	
74 Ethylene Dibromide	107	17.659	17.659	0.000	97	28299	0.5005	0.5076	
* 75 Chlorobenzene-d5	117	18.563	18.563	0.000	86	1261603	10.0	10.0	
76 Chlorobenzene	112	18.628	18.627	0.001	95	45921	0.5005	0.5206	
77 Ethylbenzene	91	18.767	18.772	-0.005	99	69685	0.5005	0.4919	
78 n-Nonane	57	18.868	18.868	0.000	92	32931	0.5005	0.4749	
80 m-Xylene & p-Xylene	106	19.023	19.023	0.000	99	54579	1.00	0.9855	
82 o-Xylene	106	19.826	19.831	-0.005	94	24299	0.5005	0.4579	
83 Styrene	104	19.879	19.879	0.000	96	36954	0.5005	0.4436	
S 81 Xylenes, Total	106				0		1.50	1.44	
84 Bromoform	173	20.275	20.280	-0.005	97	30520	0.5005	0.4480	
85 Isopropylbenzene	105	20.457	20.457	0.000	96	76242	0.5005	0.4765	
* 109 4-Bromofluorobenzene	95	20.810	20.810	0.000	92	930704	10.0	10.0	
86 1,1,2,2-Tetrachloroethane	83	21.072	21.072	0.000	98	43815	0.5005	0.5065	
87 N-Propylbenzene	91	21.137	21.136	0.001	99	99525	0.5005	0.4875	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,2,3-Trichloropropane	75	21.174	21.174	0.000	99	36313	0.5005	0.5162	
89 n-Decane	57	21.276	21.275	0.001	90	46022	0.5005	0.4694	
90 4-Ethyltoluene	105	21.313	21.313	0.000	99	83296	0.5005	0.4933	
91 2-Chlorotoluene	91	21.329	21.329	0.000	96	72790	0.5005	0.5091	
92 1,3,5-Trimethylbenzene	105	21.409	21.414	-0.005	93	67537	0.5005	0.4874	
93 Alpha Methyl Styrene	118	21.762	21.762	0.000	91	28279	0.5005	0.4354	
94 tert-Butylbenzene	119	21.886	21.885	0.001	94	65475	0.5005	0.4884	
95 1,2,4-Trimethylbenzene	105	21.971	21.976	-0.005	98	67765	0.5005	0.4816	
96 sec-Butylbenzene	105	22.196	22.196	0.000	99	101329	0.5005	0.4898	
97 4-Isopropyltoluene	119	22.394	22.393	0.001	97	82319	0.5005	0.4721	
98 1,3-Dichlorobenzene	146	22.437	22.436	0.001	96	49906	0.5005	0.4898	
99 1,4-Dichlorobenzene	146	22.576	22.575	0.001	95	48788	0.5005	0.4814	
100 Benzyl chloride	91	22.784	22.784	0.000	99	56782	0.5005	0.4533	
102 Undecane	57	22.988	22.987	0.001	78	51744	0.5005	0.4552	
101 n-Butylbenzene	91	22.988	22.987	0.001	95	84577	0.5005	0.5014	
103 1,2-Dichlorobenzene	146	23.137	23.137	0.000	95	47226	0.5005	0.4883	
104 Dodecane	57	24.657	24.656	0.001	95	42539	0.5005	0.4136	
105 1,2,4-Trichlorobenzene	180	25.802	25.807	-0.005	95	31795	0.5005	0.3817	
106 Hexachlorobutadiene	225	25.994	25.994	0.000	96	38853	0.5005	0.4898	
107 Naphthalene	128	26.347	26.347	0.000	99	35753	0.5005	0.2193	
108 1,2,3-Trichlorobenzene	180	26.855	26.860	-0.005	94	29252	0.5005	0.3983	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL2w_00147	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

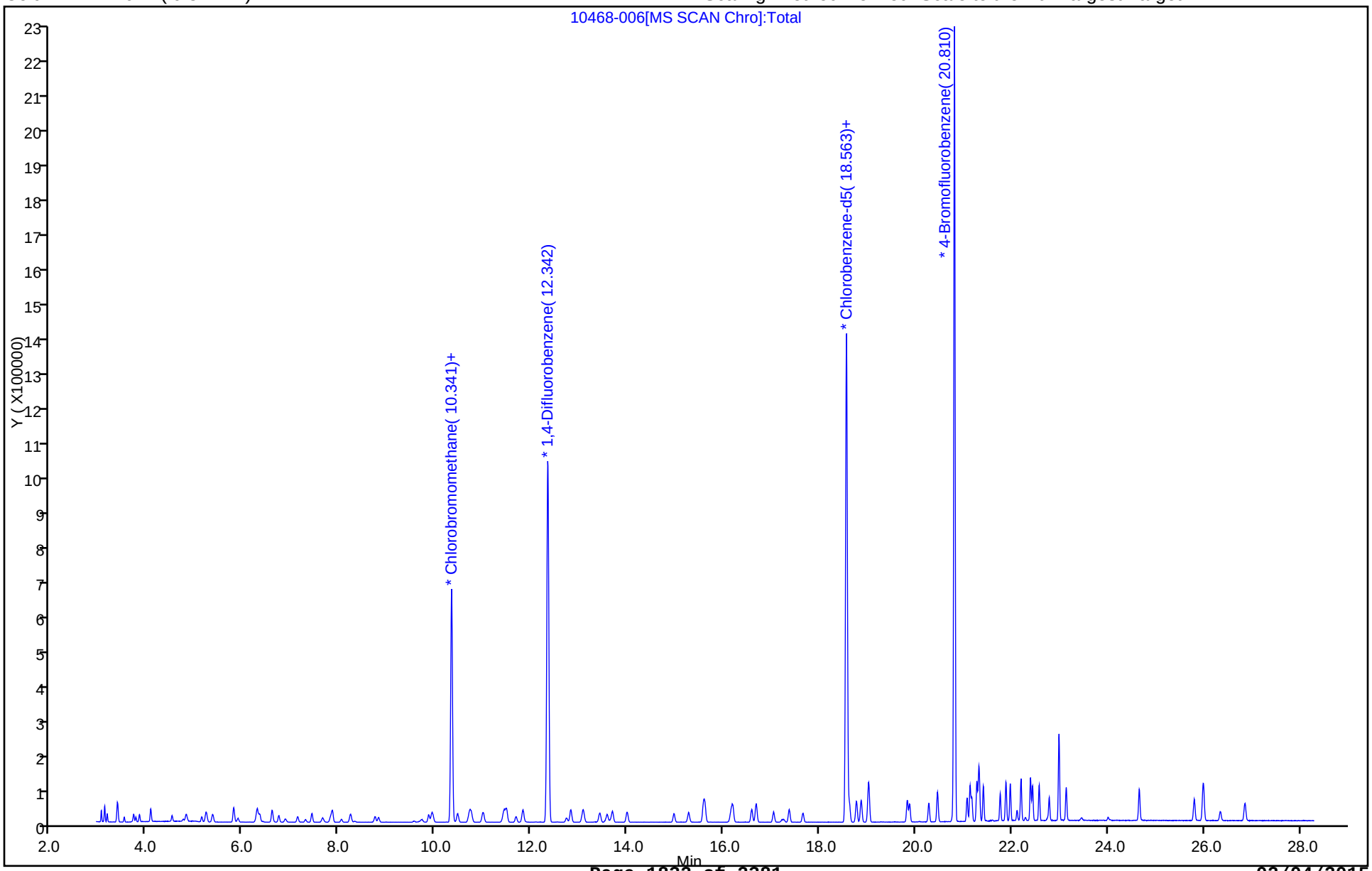
Report Date: 11-Nov-2014 11:39:55 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-006.D

Injection Date:	10-Nov-2014 18:02:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-007.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 10-Nov-2014 18:48:30 ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0010468-007
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHX.i
Sublist: chrom-TO15_LLNJ_TO3_CHX.i.m*sub3

Method: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Nov-2014 11:39:57 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: daiglep Date: 11-Nov-2014 09:20:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.044	3.044	0.000	98	95603	4.99	5.17	
3 Dichlorodifluoromethane	85	3.113	3.113	0.000	88	353523	4.99	5.25	
6 Chlorodifluoromethane	51	3.167	3.167	0.000	76	207207	4.99	5.24	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.381	3.381	0.000	93	320635	4.99	5.16	
8 Chloromethane	50	3.520	3.525	-0.005	89	111572	4.99	5.16	
9 Butane	43	3.718	3.718	0.000	98	182603	4.99	5.12	
10 Vinyl chloride	62	3.766	3.766	0.000	82	121162	4.99	4.97	
11 Butadiene	54	3.841	3.841	0.000	96	87088	4.99	5.19	
12 Bromomethane	94	4.520	4.520	0.000	98	104808	4.99	5.26	
13 Chloroethane	64	4.756	4.750	0.006	95	55078	4.99	5.25	
14 2-Methylbutane	43	4.814	4.814	0.000	90	113652	4.99	4.93	
15 Vinyl bromide	106	5.135	5.141	-0.006	87	114173	4.99	5.01	
16 Trichlorofluoromethane	101	5.232	5.232	0.000	87	351672	4.99	5.11	
17 Pentane	43	5.365	5.365	0.000	96	199414	4.99	5.10	
20 Ethanol	45	5.809	5.804	0.005	98	164319	10.0	14.6	
21 Ethyl ether	59	5.890	5.884	0.006	80	78206	4.99	5.08	
22 Acrolein	56	6.291	6.291	0.000	44	37052	4.99	5.25	
23 1,1,2-Trichloro-1,2,2-trif	101	6.291	6.296	-0.005	97	236072	4.99	5.06	
24 1,1-Dichloroethene	96	6.350	6.350	0.000	88	106045	4.99	5.01	
25 Acetone	43	6.601	6.601	0.000	81	225186	4.99	5.92	
26 Carbon disulfide	76	6.746	6.746	0.000	99	307449	4.99	4.86	
27 Isopropyl alcohol	45	6.874	6.874	0.000	98	165972	4.99	5.48	
29 3-Chloro-1-propene	41	7.136	7.136	0.000	90	147564	4.99	5.14	
30 Acetonitrile	41	7.297	7.297	0.000	98	86789	4.99	5.51	
31 Methylene Chloride	49	7.430	7.436	-0.006	92	137301	4.99	4.89	
32 2-Methyl-2-propanol	59	7.644	7.644	0.000	99	224110	4.99	5.22	
33 Methyl tert-butyl ether	73	7.821	7.826	-0.005	97	337762	4.99	5.12	
34 trans-1,2-Dichloroethene	61	7.864	7.864	0.000	90	177680	4.99	5.13	
35 Acrylonitrile	53	8.046	8.046	0.000	92	83651	4.99	5.06	
36 Hexane	57	8.238	8.238	0.000	93	175400	4.99	5.14	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.746	8.752	-0.006	93	227350	4.99	5.07	
38 Vinyl acetate	43	8.821	8.821	0.000	99	316798	4.99	5.04	
40 cis-1,2-Dichloroethene	96	9.870	9.870	0.000	92	126929	4.99	4.93	
42 2-Butanone (MEK)	72	9.923	9.923	0.000	97	66565	4.99	4.78	
43 Ethyl acetate	88	9.950	9.950	0.000	93	9906	4.99	4.95	
S 39 1,2-Dichloroethene, Total	61				0		9.99	10.1	
45 Tetrahydrofuran	42	10.341	10.335	0.006	53	151549	4.99	5.27	
* 44 Chlorobromomethane	128	10.346	10.346	0.000	92	244894	10.0	10.0	
46 Chloroform	83	10.469	10.469	0.000	92	276869	4.99	4.97	
47 Cyclohexane	84	10.710	10.710	0.000	92	176844	4.99	5.11	
48 1,1,1-Trichloroethane	97	10.753	10.753	0.000	93	288270	4.99	5.09	
49 Carbon tetrachloride	117	10.999	10.999	0.000	90	309380	4.99	5.04	
51 Isooctane	57	11.437	11.437	0.000	99	700917	4.99	5.14	
52 Benzene	78	11.491	11.491	0.000	96	436934	4.99	5.06	
53 1,2-Dichloroethane	62	11.689	11.683	0.006	91	186311	4.99	5.08	
54 n-Heptane	43	11.828	11.828	0.000	94	268521	4.99	5.12	
* 55 1,4-Difluorobenzene	114	12.347	12.347	0.000	95	1357309	10.0	10.0	
56 n-Butanol	56	12.727	12.727	0.000	88	85756	4.99	5.34	
57 Trichloroethene	95	12.823	12.823	0.000	95	188586	4.99	4.90	
59 1,2-Dichloropropane	63	13.427	13.427	0.000	90	175039	4.99	4.93	
60 Methyl methacrylate	69	13.583	13.583	0.000	90	156919	4.99	4.80	
61 1,4-Dioxane	88	13.641	13.641	0.000	80	76193	4.99	5.29	
62 Dibromomethane	174	13.695	13.695	0.000	97	177904	4.99	4.76	
63 Dichlorobromomethane	83	14.000	13.994	0.006	96	319996	4.99	4.96	
66 cis-1,3-Dichloropropene	75	14.973	14.973	0.000	87	244910	4.99	4.91	
A 65 Total Hydrocarbons	1	14.989	(3.012-26.967)		0	103903435	NC	NC	
A 64 TVOC as Toluene	1	14.989	(3.012-26.967)		0	103903435	4.99	1546.8	
67 4-Methyl-2-pentanone (MIBK	43	15.273	15.273	0.000	98	366003	4.99	5.07	
68 Toluene	92	15.583	15.583	0.000	92	317342	4.99	4.86	
A 114 Toluene Range	1		(15.573-15.593)					ND	
A 113 C8 Range	1		(15.605-15.625)					ND	
A 58 GRO	1	15.615	(15.615-15.615)		0	2810178	4.99	0	
69 n-Octane	43	15.615	15.615	0.000	94	410338	4.99	5.20	
70 trans-1,3-Dichloropropene	75	16.204	16.199	0.005	94	259994	4.99	4.82	
71 1,1,2-Trichloroethane	83	16.589	16.589	0.000	91	163376	4.99	4.92	
72 Tetrachloroethene	166	16.685	16.685	0.000	89	267643	4.99	4.88	
41 2-Hexanone	43	17.044	17.044	0.000	97	346038	4.99	5.04	
73 Chlorodibromomethane	129	17.376	17.375	0.001	97	323046	4.99	4.87	
74 Ethylene Dibromide	107	17.659	17.659	0.000	97	286608	4.99	4.91	
* 75 Chlorobenzene-d5	117	18.563	18.563	0.000	84	1320121	10.0	10.0	
76 Chlorobenzene	112	18.627	18.627	0.000	86	451459	4.99	4.89	
77 Ethylbenzene	91	18.772	18.772	0.000	96	744835	4.99	5.02	
78 n-Nonane	57	18.868	18.868	0.000	93	373375	4.99	5.15	
80 m-Xylene & p-Xylene	106	19.023	19.023	0.000	99	587587	9.99	10.1	
82 o-Xylene	106	19.831	19.831	0.000	91	282290	4.99	5.08	
83 Styrene	104	19.879	19.879	0.000	94	449304	4.99	5.15	
S 81 Xylenes, Total	106				0		15.0	15.2	
84 Bromoform	173	20.280	20.280	0.000	97	352784	4.99	4.95	
85 Isopropylbenzene	105	20.457	20.457	0.000	96	857308	4.99	5.12	
* 109 4-Bromofluorobenzene	95	20.810	20.810	0.000	91	1006441	10.0	10.0	
86 1,1,2,2-Tetrachloroethane	83	21.072	21.072	0.000	91	454670	4.99	5.02	
87 N-Propylbenzene	91	21.136	21.136	0.000	99	1095248	4.99	5.13	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,2,3-Trichloropropane	75	21.174	21.174	0.000	91	368719	4.99	5.01	
89 n-Decane	57	21.275	21.275	0.000	90	517208	4.99	5.04	
90 4-Ethyltoluene	105	21.313	21.313	0.000	95	904695	4.99	5.12	
91 2-Chlorotoluene	91	21.329	21.329	0.000	96	757322	4.99	5.06	
92 1,3,5-Trimethylbenzene	105	21.415	21.414	0.001	92	738595	4.99	5.09	
93 Alpha Methyl Styrene	118	21.762	21.762	0.000	86	361162	4.99	5.31	
94 tert-Butylbenzene	119	21.885	21.885	0.000	91	720908	4.99	5.14	
95 1,2,4-Trimethylbenzene	105	21.971	21.976	-0.005	97	762949	4.99	5.18	
96 sec-Butylbenzene	105	22.196	22.196	0.000	99	1130507	4.99	5.22	
97 4-Isopropyltoluene	119	22.394	22.393	0.001	90	951576	4.99	5.21	
98 1,3-Dichlorobenzene	146	22.436	22.436	0.000	96	549613	4.99	5.16	
99 1,4-Dichlorobenzene	146	22.575	22.575	0.000	95	546190	4.99	5.15	
100 Benzyl chloride	91	22.784	22.784	0.000	99	685880	4.99	5.23	
102 Undecane	57	22.987	22.987	0.000	78	607536	4.99	5.11	
101 n-Butylbenzene	91	22.987	22.987	0.000	96	942540	4.99	5.34	
103 1,2-Dichlorobenzene	146	23.137	23.137	0.000	96	519722	4.99	5.14	
104 Dodecane	57	24.656	24.656	0.000	96	542051	4.99	5.04	
105 1,2,4-Trichlorobenzene	180	25.807	25.807	0.000	92	430227	4.99	4.94	
106 Hexachlorobutadiene	225	25.994	25.994	0.000	94	419260	4.99	5.05	
107 Naphthalene	128	26.347	26.347	0.000	99	837602	4.99	4.91	
108 1,2,3-Trichlorobenzene	180	26.861	26.860	0.001	92	387335	4.99	5.04	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL3w_00136	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

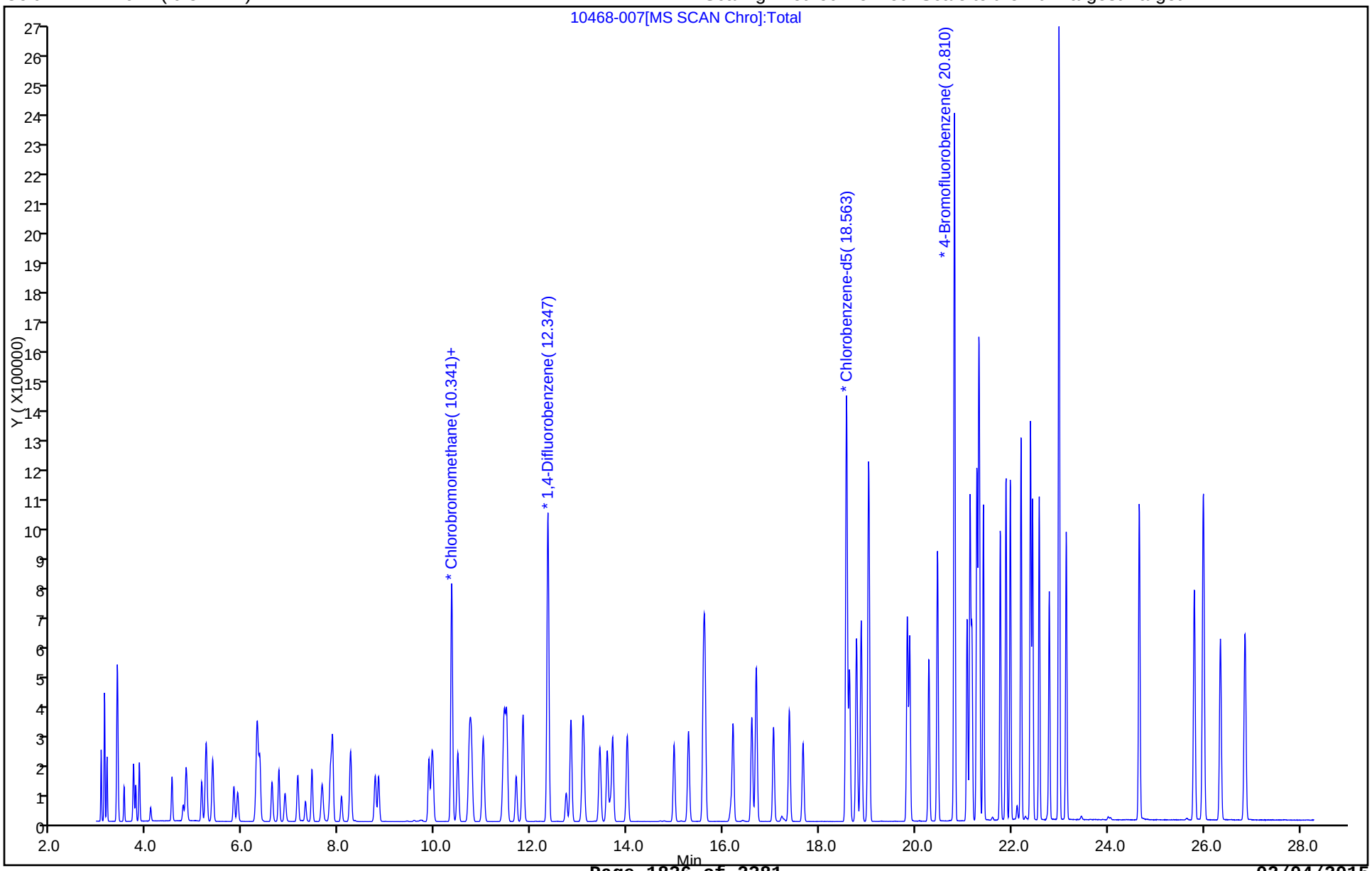
Report Date: 11-Nov-2014 11:39:57 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-007.D

Injection Date:	10-Nov-2014 18:48:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-008.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 10-Nov-2014 19:34:30 ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0010468-008
Misc. Info.: icis
Operator ID: wrd Instrument ID: CHX.i
Sublist: chrom-TO15_LLNJ_TO3_CHX.i.m*sub3

Method: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Nov-2014 14:30:30 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: lyonsb Date: 11-Nov-2014 14:30:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.044	3.044	0.000	98	184958	10.0	9.50	
3 Dichlorodifluoromethane	85	3.113	3.113	0.000	99	688023	10.0	9.71	
6 Chlorodifluoromethane	51	3.167	3.167	0.000	97	409599	10.0	9.83	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.381	3.381	0.000	95	636656	10.0	9.73	
8 Chloromethane	50	3.525	3.525	0.000	99	219424	10.0	9.64	
9 Butane	43	3.718	3.718	0.000	98	368760	10.0	9.82	
10 Vinyl chloride	62	3.766	3.766	0.000	98	245672	10.0	9.58	
11 Butadiene	54	3.841	3.841	0.000	97	173364	10.0	9.81	
12 Bromomethane	94	4.520	4.520	0.000	99	202190	10.0	9.64	
13 Chloroethane	64	4.750	4.750	0.000	100	108539	10.0	9.82	
14 2-Methylbutane	43	4.814	4.814	0.000	92	226232	10.0	9.33	
15 Vinyl bromide	106	5.141	5.141	0.000	98	232693	10.0	9.70	
16 Trichlorofluoromethane	101	5.232	5.232	0.000	98	698809	10.0	9.64	
17 Pentane	43	5.365	5.365	0.000	96	402685	10.0	9.79	
20 Ethanol	45	5.804	5.804	0.000	98	164369	15.0	13.8	
21 Ethyl ether	59	5.884	5.884	0.000	94	158204	10.0	9.75	
22 Acrolein	56	6.291	6.291	0.000	44	75215	10.0	10.1	
23 1,1,2-Trichloro-1,2,2-trif	101	6.296	6.296	0.000	98	472295	10.0	9.62	
24 1,1-Dichloroethene	96	6.350	6.350	0.000	95	218448	10.0	9.81	
25 Acetone	43	6.601	6.601	0.000	86	432390	10.0	10.8	
26 Carbon disulfide	76	6.746	6.746	0.000	99	688758	10.0	10.3	
27 Isopropyl alcohol	45	6.874	6.874	0.000	98	313518	10.0	9.83	
29 3-Chloro-1-propene	41	7.136	7.136	0.000	92	299272	10.0	9.90	
30 Acetonitrile	41	7.297	7.297	0.000	99	162311	10.0	9.79	
31 Methylene Chloride	49	7.436	7.436	0.000	96	269621	10.0	9.12	
32 2-Methyl-2-propanol	59	7.644	7.644	0.000	99	441123	10.0	9.77	
33 Methyl tert-butyl ether	73	7.826	7.826	0.000	97	693490	10.0	9.98	
34 trans-1,2-Dichloroethene	61	7.864	7.864	0.000	98	357397	10.0	9.81	
35 Acrylonitrile	53	8.046	8.046	0.000	95	168757	10.0	9.69	
36 Hexane	57	8.238	8.238	0.000	94	357358	10.0	9.94	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.752	8.752	0.000	100	453893	10.0	9.62	
38 Vinyl acetate	43	8.821	8.821	0.000	100	639592	10.0	9.67	
40 cis-1,2-Dichloroethene	96	9.870	9.870	0.000	95	262947	10.0	9.70	
42 2-Butanone (MEK)	72	9.923	9.923	0.000	99	134133	10.0	9.15	
43 Ethyl acetate	88	9.950	9.950	0.000	99	20474	10.0	9.73	
S 39 1,2-Dichloroethene, Total	61				0		20.0	19.5	
45 Tetrahydrofuran	42	10.335	10.335	0.000	95	307830	10.0	10.0	
* 44 Chlorobromomethane	128	10.346	10.346	0.000	95	257851	10.0	10.0	
46 Chloroform	83	10.469	10.469	0.000	99	561791	10.0	9.59	
47 Cyclohexane	84	10.710	10.710	0.000	95	368250	10.0	9.95	
48 1,1,1-Trichloroethane	97	10.753	10.753	0.000	98	592619	10.0	9.78	
49 Carbon tetrachloride	117	10.999	10.999	0.000	98	635824	10.0	9.68	
51 Isooctane	57	11.437	11.437	0.000	99	1481693	10.0	10.1	
52 Benzene	78	11.491	11.491	0.000	96	893690	10.0	9.67	
53 1,2-Dichloroethane	62	11.683	11.683	0.000	97	385529	10.0	9.83	
54 n-Heptane	43	11.828	11.828	0.000	95	568038	10.0	10.1	
* 55 1,4-Difluorobenzene	114	12.347	12.347	0.000	95	1452216	10.0	10.0	
56 n-Butanol	56	12.727	12.727	0.000	88	152192	10.0	8.86	
57 Trichloroethene	95	12.823	12.823	0.000	99	395372	10.0	9.60	
59 1,2-Dichloropropane	63	13.427	13.427	0.000	92	367597	10.0	9.68	
60 Methyl methacrylate	69	13.583	13.583	0.000	91	338917	10.0	9.68	
61 1,4-Dioxane	88	13.641	13.641	0.000	92	150468	10.0	9.77	
62 Dibromomethane	174	13.695	13.695	0.000	97	376056	10.0	9.41	
63 Dichlorobromomethane	83	13.994	13.994	0.000	100	673449	10.0	9.76	
66 cis-1,3-Dichloropropene	75	14.973	14.973	0.000	92	532367	10.0	9.98	
A 65 Total Hydrocarbons	1	15.030	(3.012-26.967)		0	216891953	NC	NC	
A 64 TVOC as Toluene	1	15.030	(3.012-26.967)		0	216891953	10.0	3017.9	
67 4-Methyl-2-pentanone (MIBK	43	15.273	15.273	0.000	97	763932	10.0	9.88	
68 Toluene	92	15.583	15.583	0.000	93	685376	10.0	9.67	
A 114 Toluene Range	1		(15.573-15.593)					ND	
A 113 C8 Range	1		(15.605-15.625)					ND	
A 58 GRO	1	15.615	(15.615-15.615)		0	5922826	10.0	0	
69 n-Octane	43	15.615	15.615	0.000	94	857113	10.0	10.1	
70 trans-1,3-Dichloropropene	75	16.199	16.199	0.000	96	554975	10.0	9.62	
71 1,1,2-Trichloroethane	83	16.589	16.589	0.000	96	342083	10.0	9.50	
72 Tetrachloroethene	166	16.685	16.685	0.000	98	568448	10.0	9.56	
41 2-Hexanone	43	17.044	17.044	0.000	97	721455	10.0	9.68	
73 Chlorodibromomethane	129	17.375	17.375	0.000	98	697826	10.0	9.70	
74 Ethylene Dibromide	107	17.659	17.659	0.000	100	616204	10.0	9.74	
* 75 Chlorobenzene-d5	117	18.563	18.563	0.000	86	1431920	10.0	10.0	
76 Chlorobenzene	112	18.627	18.627	0.000	95	954449	10.0	9.53	
77 Ethylbenzene	91	18.772	18.772	0.000	98	1593497	10.0	9.91	
78 n-Nonane	57	18.868	18.868	0.000	92	796380	10.0	10.1	
80 m-Xylene & p-Xylene	106	19.023	19.023	0.000	99	1255849	20.0	20.0	
82 o-Xylene	106	19.831	19.831	0.000	94	607173	10.0	10.1	
83 Styrene	104	19.879	19.879	0.000	96	955552	10.0	10.1	
S 81 Xylenes, Total	106				0		30.0	30.1	
84 Bromoform	173	20.280	20.280	0.000	98	777595	10.0	10.1	
85 Isopropylbenzene	105	20.457	20.457	0.000	96	1831603	10.0	10.1	
* 109 4-Bromofluorobenzene	95	20.810	20.810	0.000	92	1083328	10.0	10.0	
86 1,1,2,2-Tetrachloroethane	83	21.072	21.072	0.000	99	961909	10.0	9.80	
87 N-Propylbenzene	91	21.136	21.136	0.000	99	2319721	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,2,3-Trichloropropane	75	21.174	21.174	0.000	97	771202	10.0	9.66	
89 n-Decane	57	21.275	21.275	0.000	90	1097153	10.0	9.86	
90 4-Ethyltoluene	105	21.313	21.313	0.000	98	1909444	10.0	9.96	
91 2-Chlorotoluene	91	21.329	21.329	0.000	96	1598486	10.0	9.85	
92 1,3,5-Trimethylbenzene	105	21.414	21.414	0.000	93	1569913	10.0	9.98	
93 Alpha Methyl Styrene	118	21.762	21.762	0.000	89	662718	10.0	8.99	
94 tert-Butylbenzene	119	21.885	21.885	0.000	94	1511680	10.0	9.93	
95 1,2,4-Trimethylbenzene	105	21.976	21.976	0.000	97	1614636	10.0	10.1	
96 sec-Butylbenzene	105	22.196	22.196	0.000	99	2361853	10.0	10.1	
97 4-Isopropyltoluene	119	22.393	22.393	0.000	98	1993528	10.0	10.1	
98 1,3-Dichlorobenzene	146	22.436	22.436	0.000	97	1158763	10.0	10.0	
99 1,4-Dichlorobenzene	146	22.575	22.575	0.000	95	1160806	10.0	10.1	
100 Benzyl chloride	91	22.784	22.784	0.000	99	1422314	10.0	10.0	
102 Undecane	57	22.987	22.987	0.000	95	1286016	10.0	9.97	
101 n-Butylbenzene	91	22.987	22.987	0.000	97	1956754	10.0	10.2	
103 1,2-Dichlorobenzene	146	23.137	23.137	0.000	97	1096459	10.0	9.99	
104 Dodecane	57	24.656	24.656	0.000	96	1213562	10.0	10.4	
105 1,2,4-Trichlorobenzene	180	25.807	25.807	0.000	94	991795	10.0	10.5	
106 Hexachlorobutadiene	225	25.994	25.994	0.000	98	904241	10.0	10.0	
107 Naphthalene	128	26.347	26.347	0.000	100	2121570	10.0	11.5	
108 1,2,3-Trichlorobenzene	180	26.860	26.860	0.000	95	914954	10.0	11.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00393	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

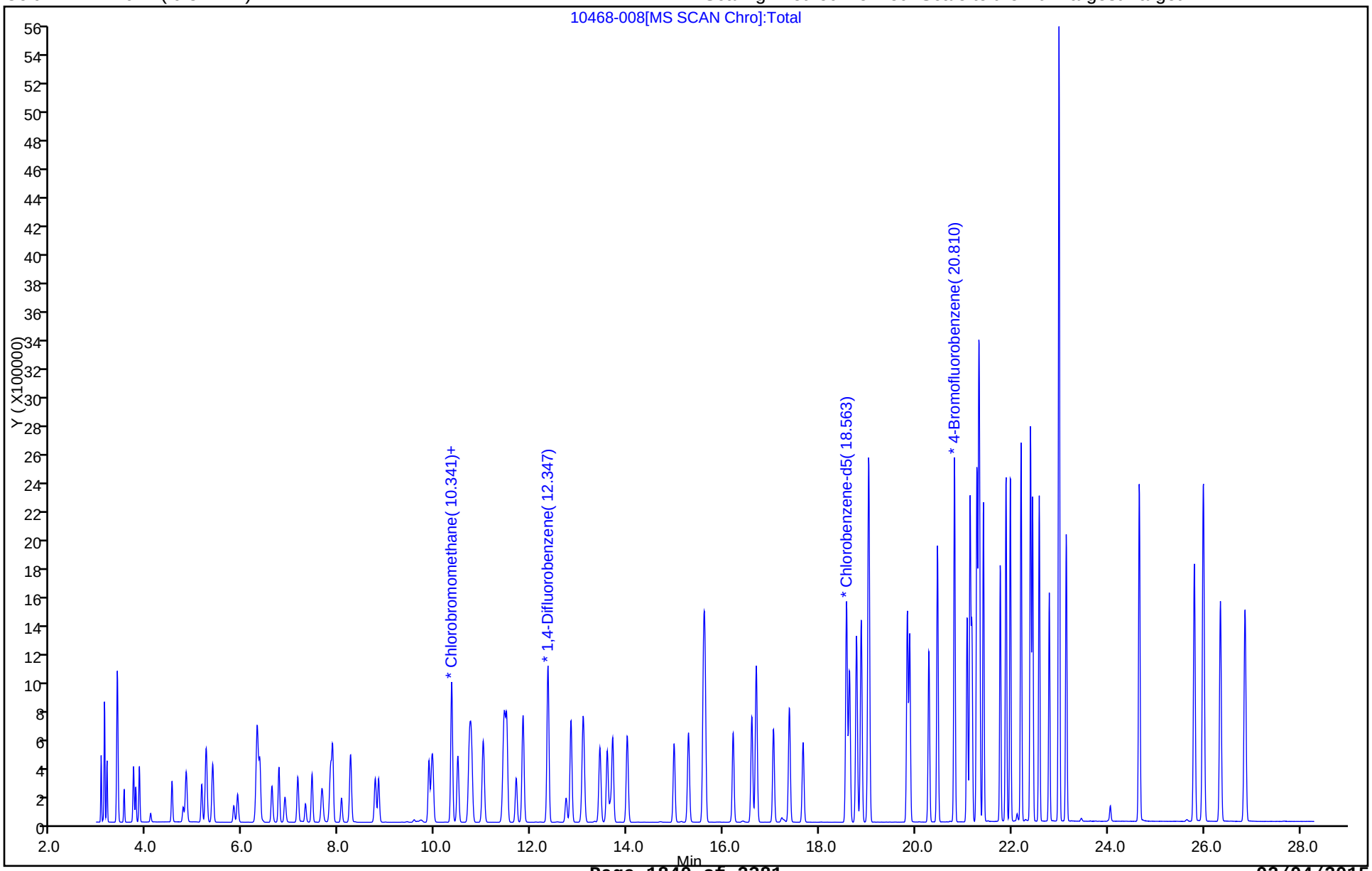
Report Date: 11-Nov-2014 14:30:32 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-008.D

Injection Date:	10-Nov-2014 19:34:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	icis			Worklist Smp#:	8
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-009.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 10-Nov-2014 20:21:30 ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0010468-009
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHX.i
Sublist: chrom-TO15_LLNJ_TO3_CHX.i.m*sub3

Method: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Nov-2014 11:40:03 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: lyonsb Date: 11-Nov-2014 11:35:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.044	3.044	0.000	98	302922	15.0	14.4	
3 Dichlorodifluoromethane	85	3.113	3.113	0.000	99	1150182	15.0	15.1	
6 Chlorodifluoromethane	51	3.167	3.167	0.000	97	670497	15.0	14.9	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.381	3.381	0.000	94	1058473	15.0	15.0	
8 Chloromethane	50	3.525	3.525	0.000	99	361891	15.0	14.8	
9 Butane	43	3.718	3.718	0.000	98	609731	15.0	15.1	
10 Vinyl chloride	62	3.766	3.766	0.000	98	413731	15.0	15.0	
11 Butadiene	54	3.841	3.841	0.000	97	289486	15.0	15.2	
12 Bromomethane	94	4.520	4.520	0.000	99	334150	15.0	14.8	
13 Chloroethane	64	4.756	4.750	0.006	99	178463	15.0	15.0	
14 2-Methylbutane	43	4.814	4.814	0.000	93	371108	15.0	14.2	
15 Vinyl bromide	106	5.141	5.141	0.000	99	396735	15.0	15.3	
16 Trichlorofluoromethane	101	5.232	5.232	0.000	98	1175043	15.0	15.0	
17 Pentane	43	5.371	5.365	0.006	96	674597	15.0	15.2	
20 Ethanol	45	5.809	5.804	0.005	98	236243	20.0	18.5	
21 Ethyl ether	59	5.890	5.884	0.006	96	270364	15.0	15.5	
22 Acrolein	56	6.291	6.291	0.000	43	122092	15.0	15.3	
23 1,1,2-Trichloro-1,2,2-trif	101	6.291	6.296	-0.005	97	793385	15.0	15.0	
24 1,1-Dichloroethene	96	6.350	6.350	0.000	95	367263	15.0	15.3	
25 Acetone	43	6.601	6.601	0.000	86	664827	15.0	15.4	
26 Carbon disulfide	76	6.751	6.746	0.005	99	1177101	15.0	16.4	
27 Isopropyl alcohol	45	6.874	6.874	0.000	98	530813	15.0	15.4	
29 3-Chloro-1-propene	41	7.142	7.136	0.006	92	505090	15.0	15.5	
30 Acetonitrile	41	7.302	7.297	0.005	99	272656	15.0	15.3	
31 Methylene Chloride	49	7.436	7.436	0.000	95	449817	15.0	14.1	
32 2-Methyl-2-propanol	59	7.644	7.644	0.000	99	757571	15.0	15.6	
33 Methyl tert-butyl ether	73	7.826	7.826	0.000	97	1188084	15.0	15.9	
34 trans-1,2-Dichloroethene	61	7.869	7.864	0.005	97	602723	15.0	15.4	
35 Acrylonitrile	53	8.051	8.046	0.005	95	285825	15.0	15.2	
36 Hexane	57	8.238	8.238	0.000	93	602128	15.0	15.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.752	8.752	0.000	100	769553	15.0	15.1	
38 Vinyl acetate	43	8.821	8.821	0.000	100	1111409	15.0	15.6	
40 cis-1,2-Dichloroethene	96	9.870	9.870	0.000	95	457937	15.0	15.7	
42 2-Butanone (MEK)	72	9.929	9.923	0.006	100	228925	15.0	14.5	
43 Ethyl acetate	88	9.961	9.950	0.011	99	35004	15.0	15.4	
S 39 1,2-Dichloroethene, Total	61				0		30.0	31.0	
45 Tetrahydrofuran	42	10.341	10.335	0.006	94	521994	15.0	15.4	
* 44 Chlorobromomethane	128	10.346	10.346	0.000	95	277851	10.0	10.0	
46 Chloroform	83	10.474	10.469	0.005	99	966427	15.0	15.3	
47 Cyclohexane	84	10.715	10.710	0.005	92	643646	15.0	15.8	
48 1,1,1-Trichloroethane	97	10.753	10.753	0.000	98	1018125	15.0	15.3	
49 Carbon tetrachloride	117	11.004	10.999	0.005	98	1111922	15.0	15.4	
51 Isooctane	57	11.437	11.437	0.000	99	2579003	15.0	16.0	
52 Benzene	78	11.491	11.491	0.000	96	1552447	15.0	15.3	
53 1,2-Dichloroethane	62	11.689	11.683	0.006	97	658686	15.0	15.3	
54 n-Heptane	43	11.828	11.828	0.000	94	975700	15.0	15.8	
* 55 1,4-Difluorobenzene	114	12.352	12.347	0.005	94	1598438	10.0	10.0	
56 n-Butanol	56	12.727	12.727	0.000	88	291873	15.0	15.4	
57 Trichloroethene	95	12.828	12.823	0.005	99	704199	15.0	15.5	
59 1,2-Dichloropropane	63	13.433	13.427	0.006	93	656316	15.0	15.7	
60 Methyl methacrylate	69	13.583	13.583	0.000	90	620213	15.0	16.1	
61 1,4-Dioxane	88	13.647	13.641	0.006	92	262239	15.0	15.5	
62 Dibromomethane	174	13.695	13.695	0.000	96	681543	15.0	15.5	
63 Dichlorobromomethane	83	14.000	13.994	0.006	100	1199855	15.0	15.8	
66 cis-1,3-Dichloropropene	75	14.973	14.973	0.000	92	964457	15.0	16.4	
A 65 Total Hydrocarbons	1	14.989	(3.012-26.967)		0	380314468	NC	NC	
A 64 TVOC as Toluene	1	14.989	(3.012-26.967)		0	380314468	15.0	4807.7	
67 4-Methyl-2-pentanone (MIBK	43	15.273	15.273	0.000	97	1343963	15.0	15.8	
68 Toluene	92	15.583	15.583	0.000	94	1238766	15.0	15.8	
A 114 Toluene Range	1		(15.573-15.593)					ND	
A 113 C8 Range	1		(15.605-15.625)					ND	
A 58 GRO	1	15.615	(15.615-15.615)		0	10477172	15.0	0	
69 n-Octane	43	15.615	15.615	0.000	93	1499225	15.0	16.1	
70 trans-1,3-Dichloropropene	75	16.204	16.199	0.005	96	1007157	15.0	15.9	
71 1,1,2-Trichloroethane	83	16.589	16.589	0.000	96	610813	15.0	15.4	
72 Tetrachloroethene	166	16.685	16.685	0.000	98	1028589	15.0	15.7	
41 2-Hexanone	43	17.044	17.044	0.000	97	1299505	15.0	15.8	
73 Chlorodibromomethane	129	17.370	17.375	-0.005	98	1278094	15.0	16.1	
74 Ethylene Dibromide	107	17.659	17.659	0.000	98	1115814	15.0	16.0	
* 75 Chlorobenzene-d5	117	18.563	18.563	0.000	85	1580479	10.0	10.0	
76 Chlorobenzene	112	18.627	18.627	0.000	96	1707375	15.0	15.5	
77 Ethylbenzene	91	18.772	18.772	0.000	98	2846359	15.0	16.0	
78 n-Nonane	57	18.868	18.868	0.000	92	1411508	15.0	16.2	
80 m-Xylene & p-Xylene	106	19.029	19.023	0.006	99	2232459	30.0	32.2	
82 o-Xylene	106	19.831	19.831	0.000	94	1098330	15.0	16.5	
83 Styrene	104	19.879	19.879	0.000	95	1770728	15.0	17.0	
S 81 Xylenes, Total	106				0		45.0	48.7	
84 Bromoform	173	20.280	20.280	0.000	98	1421602	15.0	16.7	
85 Isopropylbenzene	105	20.457	20.457	0.000	96	3284310	15.0	16.4	
* 109 4-Bromofluorobenzene	95	20.810	20.810	0.000	92	1197969	10.0	10.0	
86 1,1,2,2-Tetrachloroethane	83	21.072	21.072	0.000	99	1703989	15.0	15.7	
87 N-Propylbenzene	91	21.136	21.136	0.000	99	4115136	15.0	16.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,2,3-Trichloropropane	75	21.174	21.174	0.000	97	1354624	15.0	15.4	
89 n-Decane	57	21.275	21.275	0.000	90	1934660	15.0	15.8	
90 4-Ethyltoluene	105	21.313	21.313	0.000	99	3403349	15.0	16.1	
91 2-Chlorotoluene	91	21.329	21.329	0.000	96	2836168	15.0	15.8	
92 1,3,5-Trimethylbenzene	105	21.415	21.414	0.001	93	2812197	15.0	16.2	
93 Alpha Methyl Styrene	118	21.762	21.762	0.000	89	1381335	15.0	17.0	
94 tert-Butylbenzene	119	21.885	21.885	0.000	94	2698727	15.0	16.1	
95 1,2,4-Trimethylbenzene	105	21.971	21.976	-0.005	97	2878517	15.0	16.3	
96 sec-Butylbenzene	105	22.196	22.196	0.000	99	4176364	15.0	16.1	
97 4-Isopropyltoluene	119	22.394	22.393	0.001	98	3580107	15.0	16.4	
98 1,3-Dichlorobenzene	146	22.436	22.436	0.000	97	2048089	15.0	16.0	
99 1,4-Dichlorobenzene	146	22.575	22.575	0.000	95	2052278	15.0	16.2	
100 Benzyl chloride	91	22.784	22.784	0.000	99	2655055	15.0	16.9	
102 Undecane	57	22.987	22.987	0.000	95	2252933	15.0	15.8	
101 n-Butylbenzene	91	22.987	22.987	0.000	98	3433973	15.0	16.3	
103 1,2-Dichlorobenzene	146	23.137	23.137	0.000	97	1935969	15.0	16.0	
104 Dodecane	57	24.656	24.656	0.000	97	2126899	15.0	16.5	
105 1,2,4-Trichlorobenzene	180	25.807	25.807	0.000	94	1765600	15.0	16.9	
106 Hexachlorobutadiene	225	25.994	25.994	0.000	97	1612736	15.0	16.2	
107 Naphthalene	128	26.347	26.347	0.000	99	3913156	15.0	19.2	
108 1,2,3-Trichlorobenzene	180	26.861	26.860	0.001	95	1618008	15.0	17.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL5w_00048	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

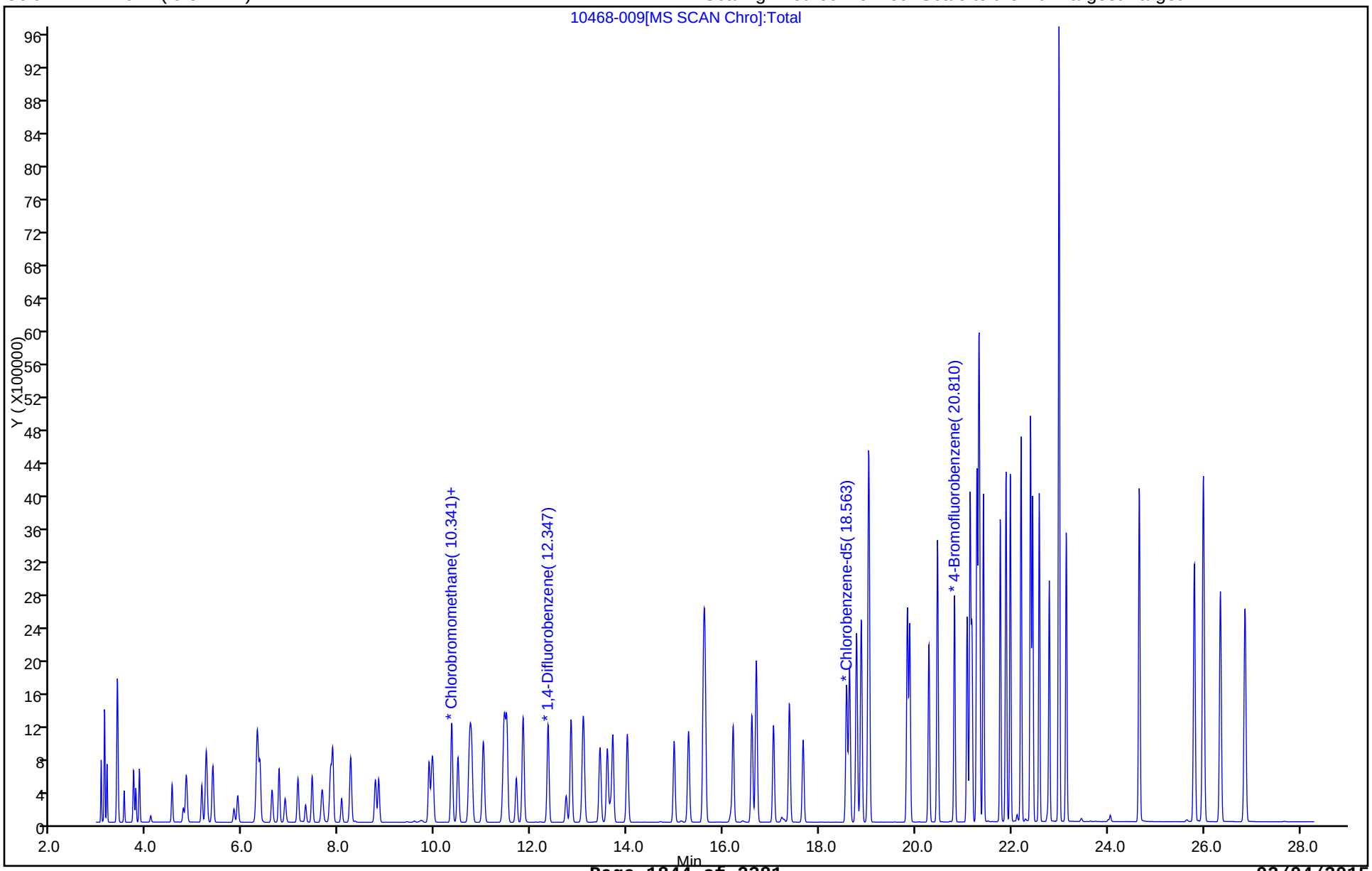
Report Date: 11-Nov-2014 11:40:04 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-009.D

Injection Date:	10-Nov-2014 20:21:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	9
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-010.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 10-Nov-2014 21:07:30 ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0010468-010
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHX.i
Sublist: chrom-TO15_LLNJ_TO3_CHX.i.m*sub3

Method: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Nov-2014 11:40:05 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: lyonsb Date: 11-Nov-2014 11:34:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.049	3.044	0.005	98	405003	20.0	18.1	
3 Dichlorodifluoromethane	85	3.119	3.113	0.006	99	1540533	20.0	18.9	
6 Chlorodifluoromethane	51	3.167	3.167	0.000	97	889497	20.0	18.5	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.381	3.381	0.000	97	1424364	20.0	18.9	
8 Chloromethane	50	3.525	3.525	0.000	99	486374	20.0	18.6	
9 Butane	43	3.723	3.718	0.005	98	807771	20.0	18.7	
10 Vinyl chloride	62	3.766	3.766	0.000	98	545646	20.0	18.5	
11 Butadiene	54	3.841	3.841	0.000	97	392277	20.0	19.3	
12 Bromomethane	94	4.526	4.520	0.006	99	443676	20.0	18.4	
13 Chloroethane	64	4.756	4.750	0.006	100	238006	20.0	18.7	
14 2-Methylbutane	43	4.820	4.814	0.006	93	490333	20.0	17.5	
15 Vinyl bromide	106	5.141	5.141	0.000	99	534856	20.0	19.4	
16 Trichlorofluoromethane	101	5.237	5.232	0.005	98	1570932	20.0	18.8	
17 Pentane	43	5.371	5.365	0.006	96	910726	20.0	19.2	
20 Ethanol	45	5.815	5.804	0.011	99	455487	40.0	33.3	
21 Ethyl ether	59	5.890	5.884	0.006	96	366255	20.0	19.6	
22 Acrolein	56	6.296	6.291	0.005	97	165618	20.0	19.4	
23 1,1,2-Trichloro-1,2,2-trif	101	6.296	6.296	0.000	97	1073671	20.0	19.0	
24 1,1-Dichloroethene	96	6.355	6.350	0.005	95	495456	20.0	19.3	
25 Acetone	43	6.607	6.601	0.006	86	803753	20.0	17.4	
26 Carbon disulfide	76	6.751	6.746	0.005	99	1420154	20.0	18.5	
27 Isopropyl alcohol	45	6.879	6.874	0.005	99	699416	20.0	19.0	
29 3-Chloro-1-propene	41	7.142	7.136	0.006	92	686838	20.0	19.7	
30 Acetonitrile	41	7.302	7.297	0.005	99	366711	20.0	19.2	
31 Methylene Chloride	49	7.436	7.436	0.000	95	602494	20.0	17.7	
32 2-Methyl-2-propanol	59	7.650	7.644	0.006	99	1011602	20.0	19.4	
33 Methyl tert-butyl ether	73	7.826	7.826	0.000	97	1628158	20.0	20.3	
34 trans-1,2-Dichloroethene	61	7.869	7.864	0.005	97	814292	20.0	19.4	
35 Acrylonitrile	53	8.051	8.046	0.005	94	389354	20.0	19.4	
36 Hexane	57	8.238	8.238	0.000	94	825603	20.0	19.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.752	8.752	0.000	99	1051662	20.0	19.3	
38 Vinyl acetate	43	8.821	8.821	0.000	100	1518550	20.0	19.9	
40 cis-1,2-Dichloroethene	96	9.875	9.870	0.005	96	633229	20.0	20.3	
42 2-Butanone (MEK)	72	9.929	9.923	0.006	100	309107	20.0	18.3	
43 Ethyl acetate	88	9.956	9.950	0.006	99	48841	20.0	20.1	
S 39 1,2-Dichloroethene, Total	61				0		40.0	39.7	
45 Tetrahydrofuran	42	10.341	10.335	0.006	95	701184	20.0	19.2	
* 44 Chlorobromomethane	128	10.351	10.346	0.005	94	297041	10.0	10.0	
46 Chloroform	83	10.474	10.469	0.005	99	1323665	20.0	19.6	
47 Cyclohexane	84	10.715	10.710	0.005	92	889651	20.0	20.3	
48 1,1,1-Trichloroethane	97	10.758	10.753	0.005	98	1400997	20.0	19.5	
49 Carbon tetrachloride	117	11.004	10.999	0.005	98	1528872	20.0	19.7	
51 Isooctane	57	11.437	11.437	0.000	99	3574506	20.0	20.7	
52 Benzene	78	11.491	11.491	0.000	96	2154813	20.0	19.7	
53 1,2-Dichloroethane	62	11.689	11.683	0.006	97	904047	20.0	19.5	
54 n-Heptane	43	11.833	11.828	0.005	93	1335893	20.0	20.1	
* 55 1,4-Difluorobenzene	114	12.352	12.347	0.005	94	1719875	10.0	10.0	
56 n-Butanol	56	12.727	12.727	0.000	87	405539	20.0	19.9	
57 Trichloroethene	95	12.828	12.823	0.005	99	990315	20.0	20.3	
59 1,2-Dichloropropane	63	13.427	13.427	0.000	93	915308	20.0	20.4	
60 Methyl methacrylate	69	13.583	13.583	0.000	90	875217	20.0	21.1	
61 1,4-Dioxane	88	13.647	13.641	0.006	91	353836	20.0	19.4	
62 Dibromomethane	174	13.700	13.695	0.005	96	962535	20.0	20.3	
63 Dichlorobromomethane	83	14.000	13.994	0.006	99	1676640	20.0	20.5	
66 cis-1,3-Dichloropropene	75	14.974	14.973	0.001	91	1352893	20.0	21.4	
A 65 Total Hydrocarbons	1	14.989	(3.012-26.967)		0	520900012	NC	NC	
A 64 TVOC as Toluene	1	14.989	(3.012-26.967)		0	520900012	20.0	6120.0	
67 4-Methyl-2-pentanone (MIBK	43	15.273	15.273	0.000	96	1840809	20.0	20.1	
68 Toluene	92	15.589	15.583	0.006	93	1734985	20.0	20.6	
A 114 Toluene Range	1		(15.573-15.593)					ND	
A 113 C8 Range	1		(15.605-15.625)					ND	
A 58 GRO	1	15.615	(15.615-15.615)		0	14566656	20.0	0	
69 n-Octane	43	15.616	15.615	0.001	92	2061779	20.0	20.6	
70 trans-1,3-Dichloropropene	75	16.204	16.199	0.005	96	1405632	20.0	20.6	
71 1,1,2-Trichloroethane	83	16.595	16.589	0.005	96	863507	20.0	20.2	
72 Tetrachloroethene	166	16.685	16.685	0.000	98	1462991	20.0	20.7	
41 2-Hexanone	43	17.044	17.044	0.000	96	1793127	20.0	20.2	
73 Chlorodibromomethane	129	17.376	17.375	0.001	98	1807273	20.0	21.1	
74 Ethylene Dibromide	107	17.659	17.659	0.000	98	1559996	20.0	20.7	
* 75 Chlorobenzene-d5	117	18.569	18.563	0.006	85	1703276	10.0	10.0	
76 Chlorobenzene	112	18.627	18.627	0.000	95	2396231	20.0	20.1	
77 Ethylbenzene	91	18.772	18.772	0.000	98	3977561	20.0	20.8	
78 n-Nonane	57	18.873	18.868	0.005	91	1961589	20.0	21.0	
80 m-Xylene & p-Xylene	106	19.029	19.023	0.006	99	3117492	40.0	41.7	
82 o-Xylene	106	19.831	19.831	0.000	94	1537254	20.0	21.5	
83 Styrene	104	19.879	19.879	0.000	95	2470901	20.0	22.0	
S 81 Xylenes, Total	106				0		60.0	63.2	
84 Bromoform	173	20.280	20.280	0.000	98	1997651	20.0	21.7	
85 Isopropylbenzene	105	20.457	20.457	0.000	96	4580616	20.0	21.2	
* 109 4-Bromofluorobenzene	95	20.810	20.810	0.000	92	1271750	10.0	10.0	
86 1,1,2,2-Tetrachloroethane	83	21.078	21.072	0.006	99	2362863	20.0	20.2	
87 N-Propylbenzene	91	21.136	21.136	0.000	99	5693151	20.0	20.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,2,3-Trichloropropane	75	21.174	21.174	0.000	97	1873401	20.0	19.7	
89 n-Decane	57	21.281	21.275	0.006	89	2669864	20.0	20.2	
90 4-Ethyltoluene	105	21.313	21.313	0.000	99	4746720	20.0	20.8	
91 2-Chlorotoluene	91	21.329	21.329	0.000	96	3935112	20.0	20.4	
92 1,3,5-Trimethylbenzene	105	21.415	21.414	0.001	93	3931880	20.0	21.0	
93 Alpha Methyl Styrene	118	21.762	21.762	0.000	89	1998054	20.0	22.8	
94 tert-Butylbenzene	119	21.885	21.885	0.000	94	3749381	20.0	20.7	
95 1,2,4-Trimethylbenzene	105	21.976	21.976	0.000	97	3980192	20.0	21.0	
96 sec-Butylbenzene	105	22.201	22.196	0.005	99	5785356	20.0	20.7	
97 4-Isopropyltoluene	119	22.394	22.393	0.001	98	4951539	20.0	21.0	
98 1,3-Dichlorobenzene	146	22.436	22.436	0.000	97	2806881	20.0	20.4	
99 1,4-Dichlorobenzene	146	22.575	22.575	0.000	96	2809912	20.0	20.5	
100 Benzyl chloride	91	22.784	22.784	0.000	99	3594762	20.0	21.3	
102 Undecane	57	22.987	22.987	0.000	79	3024807	20.0	19.7	
101 n-Butylbenzene	91	22.987	22.987	0.000	96	4655724	20.0	20.4	
103 1,2-Dichlorobenzene	146	23.137	23.137	0.000	97	2650828	20.0	20.3	
104 Dodecane	57	24.657	24.656	0.001	97	2766985	20.0	19.9	
105 1,2,4-Trichlorobenzene	180	25.807	25.807	0.000	94	2300550	20.0	20.5	
106 Hexachlorobutadiene	225	25.994	25.994	0.000	97	2206425	20.0	20.6	
107 Naphthalene	128	26.347	26.347	0.000	99	4687761	20.0	21.3	
108 1,2,3-Trichlorobenzene	180	26.861	26.860	0.001	96	2103847	20.0	21.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL6w_00096	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

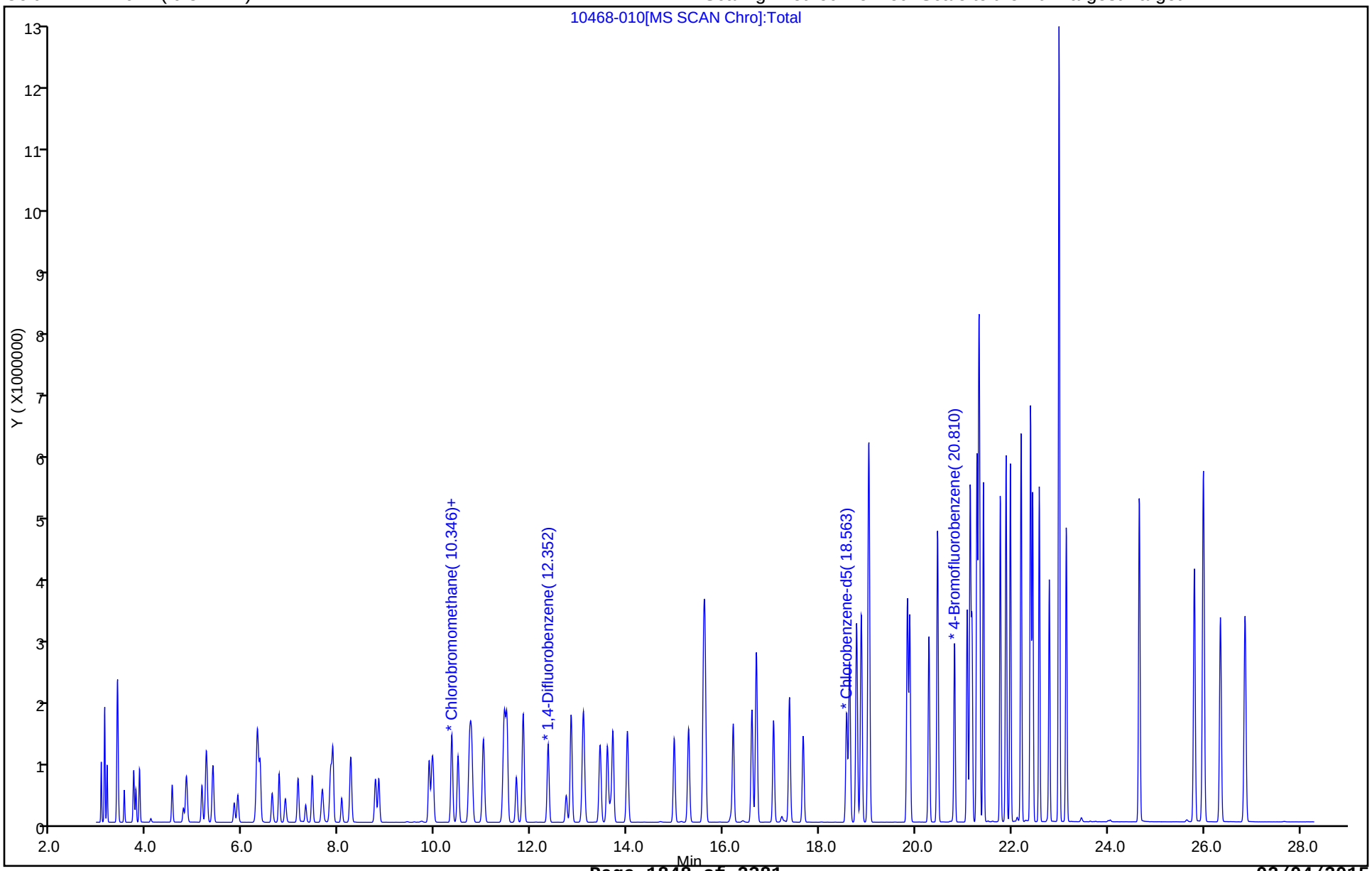
Report Date: 11-Nov-2014 11:40:06 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-010.D

Injection Date:	10-Nov-2014 21:07:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	10
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 10-Nov-2014 21:54:30 ALS Bottle#: 8 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0010468-011
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHX.i
Sublist: chrom-TO15_LLNJ_TO3_CHX.i.m*sub3

Method: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Nov-2014 11:40:08 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: lyonsb Date: 11-Nov-2014 11:33:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.049	3.044	0.005	98	852066	40.0	35.4	
3 Dichlorodifluoromethane	85	3.118	3.113	0.005	99	3198913	40.0	36.5	
6 Chlorodifluoromethane	51	3.167	3.167	0.000	97	1857050	40.0	36.1	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.386	3.381	0.005	99	2983010	40.0	36.9	
8 Chloromethane	50	3.525	3.525	0.000	99	1023153	40.0	36.4	
9 Butane	43	3.723	3.718	0.005	98	1707522	40.0	36.8	
10 Vinyl chloride	62	3.771	3.766	0.005	98	1143239	40.0	36.1	
11 Butadiene	54	3.846	3.841	0.005	97	819363	40.0	37.5	
12 Bromomethane	94	4.525	4.520	0.005	99	920293	40.0	35.5	
13 Chloroethane	64	4.761	4.750	0.011	100	497289	40.0	36.4	
14 2-Methylbutane	43	4.820	4.814	0.006	92	1016558	40.0	33.9	
15 Vinyl bromide	106	5.146	5.141	0.005	99	1128554	40.0	38.1	
16 Trichlorofluoromethane	101	5.237	5.232	0.005	98	3266598	40.0	36.5	
17 Pentane	43	5.376	5.365	0.011	98	1925407	40.0	37.9	
20 Ethanol	45	5.825	5.804	0.021	99	1251743	100.0	85.3	
21 Ethyl ether	59	5.890	5.884	0.006	97	774258	40.0	38.6	
22 Acrolein	56	6.301	6.291	0.010	52	349323	40.0	38.1	
23 1,1,2-Trichloro-1,2,2-trif	101	6.301	6.296	0.005	98	2253966	40.0	37.2	
24 1,1-Dichloroethene	96	6.355	6.350	0.005	95	1054723	40.0	38.3	
25 Acetone	43	6.606	6.601	0.005	86	1652455	40.0	33.4	
26 Carbon disulfide	76	6.751	6.746	0.005	99	2991950	40.0	36.3	
27 Isopropyl alcohol	45	6.885	6.874	0.011	99	1479150	40.0	37.5	
29 3-Chloro-1-propene	41	7.147	7.136	0.011	93	1463530	40.0	39.2	
30 Acetonitrile	41	7.307	7.297	0.010	99	768746	40.0	37.5	
31 Methylene Chloride	49	7.441	7.436	0.005	95	1267956	40.0	34.7	
32 2-Methyl-2-propanol	59	7.655	7.644	0.011	99	2157756	40.0	38.7	
33 Methyl tert-butyl ether	73	7.826	7.826	0.000	97	3462815	40.0	40.3	
34 trans-1,2-Dichloroethene	61	7.874	7.864	0.010	98	1722777	40.0	38.3	
35 Acrylonitrile	53	8.056	8.046	0.010	94	835105	40.0	38.8	
36 Hexane	57	8.243	8.238	0.005	93	1761242	40.0	39.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.757	8.752	0.005	99	2253580	40.0	38.6	
38 Vinyl acetate	43	8.827	8.821	0.006	100	3231829	40.0	39.5	
40 cis-1,2-Dichloroethene	96	9.875	9.870	0.005	95	1361223	40.0	40.6	
42 2-Butanone (MEK)	72	9.929	9.923	0.006	100	653411	40.0	36.1	
43 Ethyl acetate	88	9.955	9.950	0.005	99	103925	40.0	40.0	
S 39 1,2-Dichloroethene, Total	61				0		80.0	78.9	
45 Tetrahydrofuran	42	10.340	10.335	0.005	93	1495853	40.0	38.3	
* 44 Chlorobromomethane	128	10.351	10.346	0.005	91	318622	10.0	10.0	
46 Chloroform	83	10.480	10.469	0.011	99	2828271	40.0	39.1	
47 Cyclohexane	84	10.720	10.710	0.010	91	1923116	40.0	40.9	
48 1,1,1-Trichloroethane	97	10.758	10.753	0.005	98	2986568	40.0	38.8	
49 Carbon tetrachloride	117	11.004	10.999	0.005	98	3279436	40.0	39.3	
51 Isooctane	57	11.443	11.437	0.006	99	7678725	40.0	41.4	
52 Benzene	78	11.496	11.491	0.005	97	4602009	40.0	39.2	
53 1,2-Dichloroethane	62	11.694	11.683	0.011	97	1912252	40.0	38.4	
54 n-Heptane	43	11.833	11.828	0.005	93	2856791	40.0	40.1	
* 55 1,4-Difluorobenzene	114	12.352	12.347	0.005	95	1843817	10.0	10.0	
56 n-Butanol	56	12.732	12.727	0.005	86	889477	40.0	40.8	
57 Trichloroethene	95	12.833	12.823	0.010	99	2155419	40.0	41.2	
59 1,2-Dichloropropane	63	13.433	13.427	0.006	94	1976710	40.0	41.0	
60 Methyl methacrylate	69	13.588	13.583	0.005	89	1913620	40.0	43.1	
61 1,4-Dioxane	88	13.652	13.641	0.011	91	753319	40.0	38.5	
62 Dibromomethane	174	13.700	13.695	0.005	96	2108001	40.0	41.5	
63 Dichlorobromomethane	83	14.005	13.994	0.011	99	3643575	40.0	41.6	
66 cis-1,3-Dichloropropene	75	14.979	14.973	0.006	91	2975320	40.0	43.9	
A 65 Total Hydrocarbons	1	14.989	(3.012-26.967)		0	1108069745	NC	NC	
A 64 TVOC as Toluene	1	14.989	(3.012-26.967)		0	1108069745	40.0	12143	
67 4-Methyl-2-pentanone (MIBK	43	15.278	15.273	0.005	96	3927996	40.0	40.0	
68 Toluene	92	15.589	15.583	0.006	93	3759722	40.0	41.3	
A 114 Toluene Range	1		(15.573-15.593)					ND	
A 113 C8 Range	1		(15.605-15.625)					ND	
A 58 GRO	1	15.615	(15.615-15.615)		0	31367360	40.0	0	
69 n-Octane	43	15.621	15.615	0.006	93	4390970	40.0	40.9	
70 trans-1,3-Dichloropropene	75	16.209	16.199	0.010	95	3068184	40.0	41.9	
71 1,1,2-Trichloroethane	83	16.594	16.589	0.005	96	1876080	40.0	40.5	
72 Tetrachloroethene	166	16.691	16.685	0.006	98	3220084	40.0	42.1	
41 2-Hexanone	43	17.049	17.044	0.005	96	3828337	40.0	40.0	
73 Chlorodibromomethane	129	17.375	17.375	0.000	98	3998505	40.0	43.2	
74 Ethylene Dibromide	107	17.664	17.659	0.005	98	3432887	40.0	42.2	
* 75 Chlorobenzene-d5	117	18.568	18.563	0.005	84	1839829	10.0	10.0	
76 Chlorobenzene	112	18.627	18.627	0.000	95	5246700	40.0	40.8	
77 Ethylbenzene	91	18.777	18.772	0.005	98	8650454	40.0	41.9	
78 n-Nonane	57	18.873	18.868	0.005	90	4257392	40.0	42.1	
80 m-Xylene & p-Xylene	106	19.028	19.023	0.005	99	6774407	80.0	83.9	
82 o-Xylene	106	19.831	19.831	0.000	94	3342777	40.0	43.2	
83 Styrene	104	19.884	19.879	0.005	95	5421859	40.0	44.6	
S 81 Xylenes, Total	106				0		120.0	127.1	
84 Bromoform	173	20.280	20.280	0.000	98	4427269	40.0	44.6	
85 Isopropylbenzene	105	20.462	20.457	0.005	96	9990166	40.0	42.8	
* 109 4-Bromofluorobenzene	95	20.810	20.810	0.000	93	1366072	10.0	10.0	
86 1,1,2,2-Tetrachloroethane	83	21.077	21.072	0.005	99	5104336	40.0	40.5	
87 N-Propylbenzene	91	21.142	21.136	0.006	99	12303241	40.0	41.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,2,3-Trichloropropane	75	21.174	21.174	0.000	99	4053858	40.0	39.5	
89 n-Decane	57	21.281	21.275	0.006	88	5763740	40.0	40.3	
90 4-Ethyltoluene	105	21.318	21.313	0.005	98	10177259	40.0	41.3	
91 2-Chlorotoluene	91	21.334	21.329	0.005	96	8521523	40.0	40.9	
92 1,3,5-Trimethylbenzene	105	21.414	21.414	0.000	93	8554990	40.0	42.3	
93 Alpha Methyl Styrene	118	21.767	21.762	0.005	89	4382463	40.0	46.3	
94 tert-Butylbenzene	119	21.885	21.885	0.000	94	8130900	40.0	41.6	
95 1,2,4-Trimethylbenzene	105	21.976	21.976	0.000	97	8646682	40.0	42.1	
96 sec-Butylbenzene	105	22.201	22.196	0.005	99	12367390	40.0	41.0	
97 4-Isopropyltoluene	119	22.399	22.393	0.006	97	10664421	40.0	41.9	
98 1,3-Dichlorobenzene	146	22.442	22.436	0.006	96	6025484	40.0	40.6	
99 1,4-Dichlorobenzene	146	22.581	22.575	0.006	95	6055926	40.0	41.0	
100 Benzyl chloride	91	22.784	22.784	0.000	99	7832769	40.0	42.9	
102 Undecane	57	22.987	22.987	0.000	95	6234040	40.0	37.6	
101 n-Butylbenzene	91	22.993	22.987	0.006	98	9523172	40.0	38.7	
103 1,2-Dichlorobenzene	146	23.142	23.137	0.005	96	5710377	40.0	40.5	
104 Dodecane	57	24.662	24.656	0.006	96	5129752	40.0	34.2	
105 1,2,4-Trichlorobenzene	180	25.806	25.807	-0.001	94	5095610	40.0	41.9	
106 Hexachlorobutadiene	225	25.994	25.994	0.000	97	4805536	40.0	41.5	
107 Naphthalene	128	26.352	26.347	0.005	99	10358879	40.0	43.6	
108 1,2,3-Trichlorobenzene	180	26.860	26.860	0.000	96	4606464	40.0	43.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL7w_00049	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

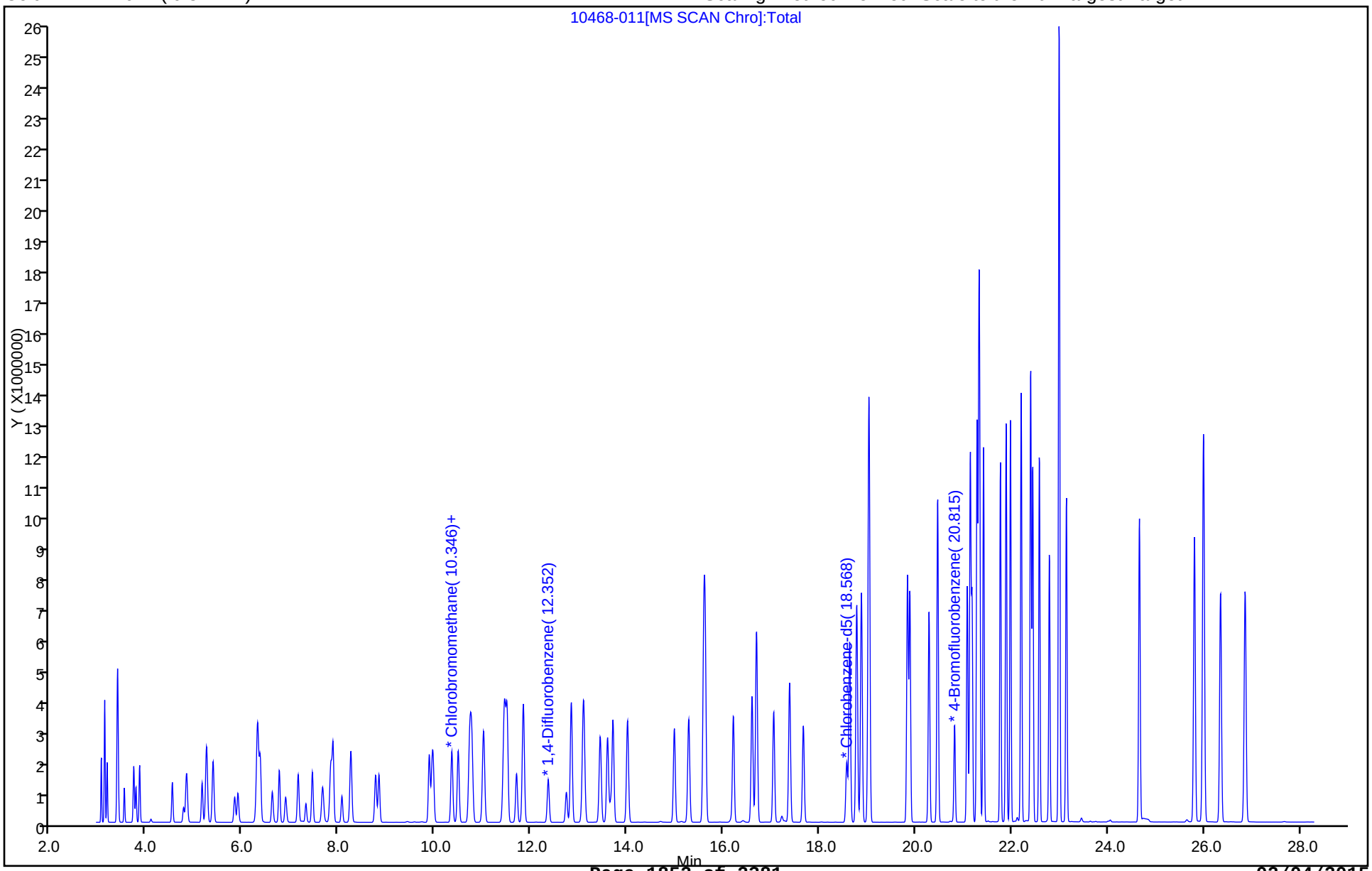
Report Date: 11-Nov-2014 11:40:08 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Injection Date:	10-Nov-2014 21:54:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	11
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-83585/17 Calibration Date: 01/21/2015 02:04

Instrument ID: CHB.i Calib Start Date: 01/20/2015 17:24

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 23:27

Lab File ID: 11709_17.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8546	0.7644		8.94	10.0	-10.6	30.0
Dichlorodifluoromethane	Ave	3.132	3.076		9.82	10.0	-1.8	30.0
Freon 22	Ave	1.768	1.673		9.46	10.0	-5.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.654	2.903		10.9	10.0	9.4	30.0
Chloromethane	Ave	0.7985	0.7301		9.14	10.0	-8.6	30.0
n-Butane	Ave	1.456	1.419		9.74	10.0	-2.6	30.0
Vinyl chloride	Ave	0.9302	0.8701		9.35	10.0	-6.5	30.0
1,3-Butadiene	Ave	0.6615	0.6515		9.85	10.0	-1.5	30.0
Bromomethane	Ave	0.8391	0.8170		9.73	10.0	-2.6	30.0
Chloroethane	Ave	0.4535	0.4494		9.91	10.0	-0.9	30.0
Isopentane	Ave	1.036	1.099		10.6	10.0	6.1	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9529	0.9112		9.56	10.0	-4.4	30.0
Trichlorofluoromethane	Ave	3.081	3.028		9.83	10.0	-1.7	30.0
n-Pentane	Ave	1.538	1.669		10.8	10.0	8.5	30.0
Ethanol	Ave	0.3548	0.3287		13.9	15.0	-7.4	30.0
Ethyl ether	Ave	0.6372	0.6565		10.3	10.0	3.0	30.0
Acrolein	Ave	0.2746	0.3585		13.1	10.0	30.5*	30.0
Freon TF	Ave	1.998	2.054		10.3	10.0	2.8	30.0
1,1-Dichloroethene	Ave	0.8825	0.8696		9.85	10.0	-1.5	30.0
Acetone	Ave	1.740	1.601		9.20	10.0	-8.0	30.0
Isopropyl alcohol	Ave	1.289	1.210		9.39	10.0	-6.1	30.0
Carbon disulfide	Ave	2.249	2.528		11.2	10.0	12.4	30.0
3-Chloropropene	Ave	1.231	1.179		9.57	10.0	-4.3	30.0
Acetonitrile	Ave	0.6211	0.6401		10.3	10.0	3.1	30.0
Methylene Chloride	Ave	1.135	1.085		9.56	10.0	-4.4	30.0
tert-Butyl alcohol	Ave	1.915	1.849		9.66	10.0	-3.4	30.0
Methyl tert-butyl ether	Ave	2.887	2.919		10.1	10.0	1.1	30.0
trans-1,2-Dichloroethene	Ave	1.344	1.439		10.7	10.0	7.1	30.0
Acrylonitrile	Ave	0.6133	0.6341		10.3	10.0	3.4	30.0
n-Hexane	Ave	1.409	1.473		10.5	10.0	4.5	30.0
1,1-Dichloroethane	Ave	1.658	1.722		10.4	10.0	3.9	30.0
Vinyl acetate	Ave	2.874	2.731		9.50	10.0	-5.0	30.0
Methyl Ethyl Ketone	Ave	0.5069	0.4809		9.48	10.0	-5.1	30.0
Ethyl acetate	Ave	0.0854	0.0916		10.7	10.0	7.2	30.0
cis-1,2-Dichloroethene	Ave	1.028	1.006		9.78	10.0	-2.2	30.0
Tetrahydrofuran	Ave	0.2308	0.2262		9.80	10.0	-2.0	30.0
Chloroform	Ave	2.204	2.214		10.0	10.0	0.4	30.0
1,1,1-Trichloroethane	Ave	0.5180	0.5248		10.1	10.0	1.3	30.0
Cyclohexane	Ave	0.2801	0.2791		9.96	10.0	-0.4	30.0
Carbon tetrachloride	Ave	0.5966	0.5993		10.0	10.0	0.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-83585/17 Calibration Date: 01/21/2015 02:04

Instrument ID: CHB.i Calib Start Date: 01/20/2015 17:24

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 23:27

Lab File ID: 11709_17.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9601	0.9468		9.86	10.0	-1.4	30.0
Benzene	Ave	0.6031	0.5922		9.82	10.0	-1.8	30.0
1,2-Dichloroethane	Ave	0.3290	0.3268		9.93	10.0	-0.7	30.0
n-Heptane	Ave	0.3942	0.3771		9.56	10.0	-4.3	30.0
n-Butanol	Ave	0.1168	0.1176		10.1	10.0	0.7	30.0
Trichloroethene	Ave	0.2995	0.2942		9.82	10.0	-1.8	30.0
1,2-Dichloropropane	Ave	0.2199	0.2151		9.78	10.0	-2.2	30.0
Methyl methacrylate	Ave	0.2348	0.2290		9.75	10.0	-2.5	30.0
1,4-Dioxane	Ave	0.0959	0.0990		10.3	10.0	3.2	30.0
Dibromomethane	Ave	0.3054	0.3197		10.5	10.0	4.7	30.0
Bromodichloromethane	Ave	0.5318	0.5278		9.92	10.0	-0.8	30.0
cis-1,3-Dichloropropene	Ave	0.3693	0.3609		9.77	10.0	-2.3	30.0
methyl isobutyl ketone	Ave	0.5797	0.5441		9.38	10.0	-6.2	30.0
n-Octane	Ave	0.5675	0.5446		9.59	10.0	-4.0	30.0
Toluene	Ave	0.5188	0.5220		10.1	10.0	0.6	30.0
trans-1,3-Dichloropropene	Ave	0.4012	0.4089		10.2	10.0	1.9	30.0
1,1,2-Trichloroethane	Ave	0.2443	0.2488		10.2	10.0	1.8	30.0
Tetrachloroethene	Ave	0.5194	0.5242		10.1	10.0	0.9	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6288	0.5953		9.47	10.0	-5.3	30.0
Dibromochloromethane	Ave	0.6681	0.6537		9.78	10.0	-2.1	30.0
1,2-Dibromoethane	Ave	0.5122	0.5048		9.85	10.0	-1.4	30.0
Chlorobenzene	Ave	0.7460	0.7549		10.1	10.0	1.2	30.0
Ethylbenzene	Ave	1.255	1.220		9.72	10.0	-2.8	30.0
n-Nonane	Ave	0.5472	0.5357		9.79	10.0	-2.1	30.0
m,p-Xylene	Ave	0.4793	0.4780		19.9	20.0	-0.3	30.0
Xylene, o-	Ave	0.4684	0.4615		9.85	10.0	-1.5	30.0
Styrene	Ave	0.7656	0.7570		9.88	10.0	-1.1	30.0
Bromoform	Ave	0.7464	0.7299		9.78	10.0	-2.2	30.0
Cumene	Ave	1.452	1.447		9.96	10.0	-0.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6740	0.6795		10.1	10.0	0.8	30.0
n-Propylbenzene	Ave	1.736	1.716		9.88	10.0	-1.2	30.0
1,2,3-Trichloropropane	Ave	0.5643	0.5444		9.65	10.0	-3.5	30.0
n-Decane	Ave	0.7116	0.6842		9.61	10.0	-3.9	30.0
4-Ethyltoluene	Ave	1.469	1.494		10.2	10.0	1.7	30.0
2-Chlorotoluene	Ave	1.203	1.209		10.1	10.0	0.5	30.0
1,3,5-Trimethylbenzene	Ave	1.293	1.288		9.96	10.0	-0.3	30.0
Alpha Methyl Styrene	Ave	0.6198	0.6303		10.2	10.0	1.7	30.0
tert-Butylbenzene	Ave	1.224	1.224		10.0	10.0	-0.0	30.0
1,2,4-Trimethylbenzene	Ave	1.287	1.276		9.91	10.0	-0.9	30.0
sec-Butylbenzene	Ave	1.771	1.761		9.94	10.0	-0.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-83585/17 Calibration Date: 01/21/2015 02:04

Instrument ID: CHB.i Calib Start Date: 01/20/2015 17:24

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 23:27

Lab File ID: 11709_17.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.570	1.559		9.93	10.0	-0.7	30.0
1,3-Dichlorobenzene	Ave	0.8830	0.8816		9.98	10.0	-0.2	30.0
1,4-Dichlorobenzene	Ave	0.8894	0.8712		9.79	10.0	-2.0	30.0
Benzyl chloride	Ave	1.170	1.108		9.47	10.0	-5.3	30.0
n-Undecane	Ave	0.8146	0.8065		9.90	10.0	-1.0	30.0
n-Butylbenzene	Ave	1.408	1.404		9.97	10.0	-0.3	30.0
1,2-Dichlorobenzene	Ave	0.8407	0.8294		9.86	10.0	-1.3	30.0
n-Dodecane	Ave	0.8020	0.7748		9.66	10.0	-3.4	30.0
1,2,4-Trichlorobenzene	Ave	0.7448	0.6932		9.31	10.0	-6.9	30.0
Hexachlorobutadiene	Ave	0.6513	0.6433		9.88	10.0	-1.2	30.0
Naphthalene	Ave	1.594	1.302		8.16	10.0	-18.3	30.0
1,2,3-Trichlorobenzene	Ave	0.6877	0.6354		9.24	10.0	-7.6	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_17.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 21-Jan-2015 02:04:30 ALS Bottle#: 23 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011709-017
Misc. Info.: icv
Operator ID: pad Instrument ID: CHB.i
Sublist:

Method: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Jan-2015 10:34:43 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK032

First Level Reviewer: lyonsb Date: 21-Jan-2015 08:53:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41	3.160	3.160	0.000	95	331314	10.0	8.94	
5 Dichlorodifluoromethane	85	3.224	3.224	0.000	99	1333393	10.0	9.82	
6 Chlorodifluoromethane	51	3.261	3.261	0.000	97	725103	10.0	9.46	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.448	3.453	-0.005	96	1258345	10.0	10.9	
8 Chloromethane	50	3.587	3.587	0.000	99	316429	10.0	9.14	
9 Butane	43	3.763	3.763	0.000	95	614949	10.0	9.74	
10 Vinyl chloride	62	3.800	3.811	-0.011	98	377141	10.0	9.35	
11 Butadiene	54	3.875	3.875	0.000	94	282368	10.0	9.85	
13 BFB									
12 Bromomethane	94	4.574	4.585	-0.011	96	354099	10.0	9.73	
14 Chloroethane	64	4.825	4.825	0.000	99	194806	10.0	9.91	
15 2-Methylbutane	43	4.884	4.894	-0.010	91	476399	10.0	10.6	
16 Vinyl bromide	106	5.236	5.246	-0.010	96	394926	10.0	9.56	
17 Trichlorofluoromethane	101	5.337	5.337	0.000	98	1312516	10.0	9.83	
18 Pentane	43	5.465	5.471	-0.006	95	723397	10.0	10.8	
19 Ethanol	45	5.818	5.812	0.006	99	213785	15.0	13.9	
21 Ethyl ether	59	5.956	5.956	0.000	97	284550	10.0	10.3	
22 Acrolein	56	6.357	6.357	0.000	95	155381	10.0	13.1	
23 1,1,2-Trichloro-1,2,2-trif	101	6.378	6.378	0.000	96	890432	10.0	10.3	
24 1,1-Dichloroethene	96	6.458	6.458	0.000	96	376933	10.0	9.85	
25 Acetone	43	6.629	6.634	-0.005	84	693999	10.0	9.20	
26 Isopropyl alcohol	45	6.837	6.837	0.000	97	524606	10.0	9.39	
27 Carbon disulfide	76	6.890	6.890	0.000	98	1095895	10.0	11.2	
29 3-Chloro-1-propene	41	7.173	7.173	0.000	85	510968	10.0	9.57	
30 Acetonitrile	41	7.274	7.274	0.000	95	277446	10.0	10.3	
31 Methylene Chloride	49	7.440	7.445	-0.005	97	470176	10.0	9.56	
32 2-Methyl-2-propanol	59	7.536	7.541	-0.005	98	801535	10.0	9.66	
33 Methyl tert-butyl ether	73	7.771	7.771	0.000	96	1265155	10.0	10.1	
34 trans-1,2-Dichloroethene	61	7.840	7.840	0.000	96	623819	10.0	10.7	
35 Acrylonitrile	53	7.947	7.947	0.000	91	274847	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57	8.160	8.160	0.000	91	638522	10.0	10.5	
37 1,1-Dichloroethane	63	8.593	8.598	-0.005	96	746430	10.0	10.4	
38 Vinyl acetate	43	8.603	8.603	0.000	99	1183558	10.0	9.50	
40 2-Butanone (MEK)	72	9.495	9.500	-0.005	95	208426	10.0	9.48	
41 Ethyl acetate	88	9.500	9.500	0.000	92	39693	10.0	10.7	
39 cis-1,2-Dichloroethene	96	9.505	9.505	0.000	49	435829	10.0	9.78	
43 Tetrahydrofuran	42	9.874	9.874	0.000	85	487080	10.0	9.80	
* 44 Chlorobromomethane	128	9.879	9.879	0.000	88	433521	10.0	10.0	
45 Chloroform	83	9.948	9.948	0.000	97	959429	10.0	10.0	
S 42 1,2-Dichloroethene, Total	61				0		20.0	20.5	
47 1,1,1-Trichloroethane	97	10.199	10.194	0.005	98	1130026	10.0	10.1	
46 Cyclohexane	84	10.199	10.199	0.000	75	600885	10.0	9.96	
48 Carbon tetrachloride	117	10.397	10.402	-0.005	97	1290453	10.0	10.0	
49 Isooctane	57	10.669	10.674	-0.005	96	2038505	10.0	9.86	
50 Benzene	78	10.733	10.738	-0.005	97	1275016	10.0	9.82	
51 1,2-Dichloroethane	62	10.845	10.850	-0.005	98	703605	10.0	9.93	
52 n-Heptane	43	10.920	10.925	-0.005	91	811895	10.0	9.56	
A 53 GRO	1	10.978	(4.884-17.072)		0	204438486	10.0	0	
* 54 1,4-Difluorobenzene	114	11.277	11.283	-0.005	95	2153589	10.0	10.0	
56 n-Butanol	56	11.453	11.459	-0.006	95	253185	10.0	10.1	
57 Trichloroethene	95	11.645	11.640	0.005	94	633365	10.0	9.82	
58 1,2-Dichloropropane	63	12.024	12.024	0.000	82	463134	10.0	9.78	
59 Methyl methacrylate	69	12.056	12.056	0.000	88	493107	10.0	9.75	
60 1,4-Dioxane	88	12.147	12.147	0.000	94	213127	10.0	10.3	
61 Dibromomethane	174	12.211	12.211	0.000	91	688437	10.0	10.5	
62 Dichlorobromomethane	83	12.387	12.382	0.005	98	1136381	10.0	9.92	
A 63 TVOC as Toluene	1	12.627	(3.150-22.105)		0	358084901	10.0	3205.1	
64 cis-1,3-Dichloropropene	75	13.012	13.012	0.000	95	776978	10.0	9.77	
65 4-Methyl-2-pentanone (MIBK	43	13.156	13.161	-0.005	98	1171441	10.0	9.38	
A 66 C8 Range	1	13.379	(13.351-13.431)		0	5070020	NC	NC	
67 n-Octane	43	13.396	13.401	-0.005	89	1172568	10.0	9.59	
68 Toluene	92	13.439	13.433	0.006	93	1009668	10.0	10.1	
A 69 Toluene Range	1	13.448	(13.423-13.473)		0	4732014	NC	NC	
70 trans-1,3-Dichloropropene	75	13.807	13.807	0.000	95	880438	10.0	10.2	
71 1,1,2-Trichloroethane	83	14.079	14.079	0.000	91	481170	10.0	10.2	
72 Tetrachloroethene	166	14.196	14.196	0.000	95	1013913	10.0	10.1	
73 2-Hexanone	43	14.330	14.335	-0.005	97	1151449	10.0	9.47	
74 Chlorodibromomethane	129	14.623	14.623	0.000	97	1264417	10.0	9.78	
75 Ethylene Dibromide	107	14.826	14.826	0.000	97	976396	10.0	9.85	
* 76 Chlorobenzene-d5	117	15.376	15.376	0.000	87	1934512	10.0	10.0	
77 Chlorobenzene	112	15.413	15.413	0.000	94	1460006	10.0	10.1	
78 n-Nonane	57	15.477	15.477	0.000	92	1036052	10.0	9.79	
79 Ethylbenzene	91	15.477	15.477	0.000	98	2358998	10.0	9.72	
80 m-Xylene & p-Xylene	106	15.621	15.621	0.000	0	1849201	20.0	19.9	
S 81 Xylenes, Total	106				0		30.0	29.8	
82 o-Xylene	106	16.128	16.128	0.000	92	892592	10.0	9.85	
83 Styrene	104	16.155	16.155	0.000	93	1464038	10.0	9.88	
84 Bromoform	173	16.449	16.449	0.000	95	1411673	10.0	9.78	
85 Isopropylbenzene	105	16.534	16.534	0.000	97	2799427	10.0	9.96	
$ 86 4-Bromofluorobenzene	95	16.796	16.801	-0.005	94	1511986	NC	NC	
87 1,1,2,2-Tetrachloroethane	83	16.945	16.950	-0.005	94	1314237	10.0	10.1	
88 N-Propylbenzene	91	17.009	17.009	0.000	99	3318016	10.0	9.88	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	17.036	17.036	0.000	96	1052866	10.0	9.65	
90 n-Decane	57	17.062	17.062	0.000	91	1323234	10.0	9.61	
91 4-Ethyltoluene	105	17.132	17.132	0.000	98	2890234	10.0	10.2	
92 2-Chlorotoluene	91	17.180	17.180	0.000	97	2339128	10.0	10.1	
93 1,3,5-Trimethylbenzene	105	17.201	17.201	0.000	92	2492098	10.0	9.96	
94 Alpha Methyl Styrene	118	17.479	17.479	0.000	92	1219128	10.0	10.2	
95 tert-Butylbenzene	119	17.585	17.580	0.005	92	2367184	10.0	10.0	
96 1,2,4-Trimethylbenzene	105	17.655	17.655	0.000	98	2467332	10.0	9.91	
97 sec-Butylbenzene	105	17.842	17.842	0.000	98	3405362	10.0	9.94	
98 4-Isopropyltoluene	119	17.996	17.996	0.000	97	3015314	10.0	9.93	
99 1,3-Dichlorobenzene	146	18.076	18.076	0.000	95	1705181	10.0	9.98	
100 1,4-Dichlorobenzene	146	18.194	18.194	0.000	94	1684987	10.0	9.79	
101 Benzyl chloride	91	18.354	18.354	0.000	98	2143705	10.0	9.47	
102 Undecane	57	18.461	18.461	0.000	93	1559952	10.0	9.90	
103 n-Butylbenzene	91	18.509	18.509	0.000	97	2715221	10.0	9.97	
104 1,2-Dichlorobenzene	146	18.690	18.690	0.000	95	1604210	10.0	9.86	
106 Dodecane	57	19.944	19.944	0.000	89	1498613	10.0	9.66	
107 1,2,4-Trichlorobenzene	180	21.108	21.108	0.000	95	1340814	10.0	9.31	
108 Hexachlorobutadiene	225	21.268	21.268	0.000	90	1244294	10.0	9.88	
109 Naphthalene	128	21.609	21.615	-0.006	99	2517527	10.0	8.16	
110 1,2,3-Trichlorobenzene	180	22.095	22.095	0.000	95	1228957	10.0	9.24	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00451	Amount Added: 200.00	Units: mL	
ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

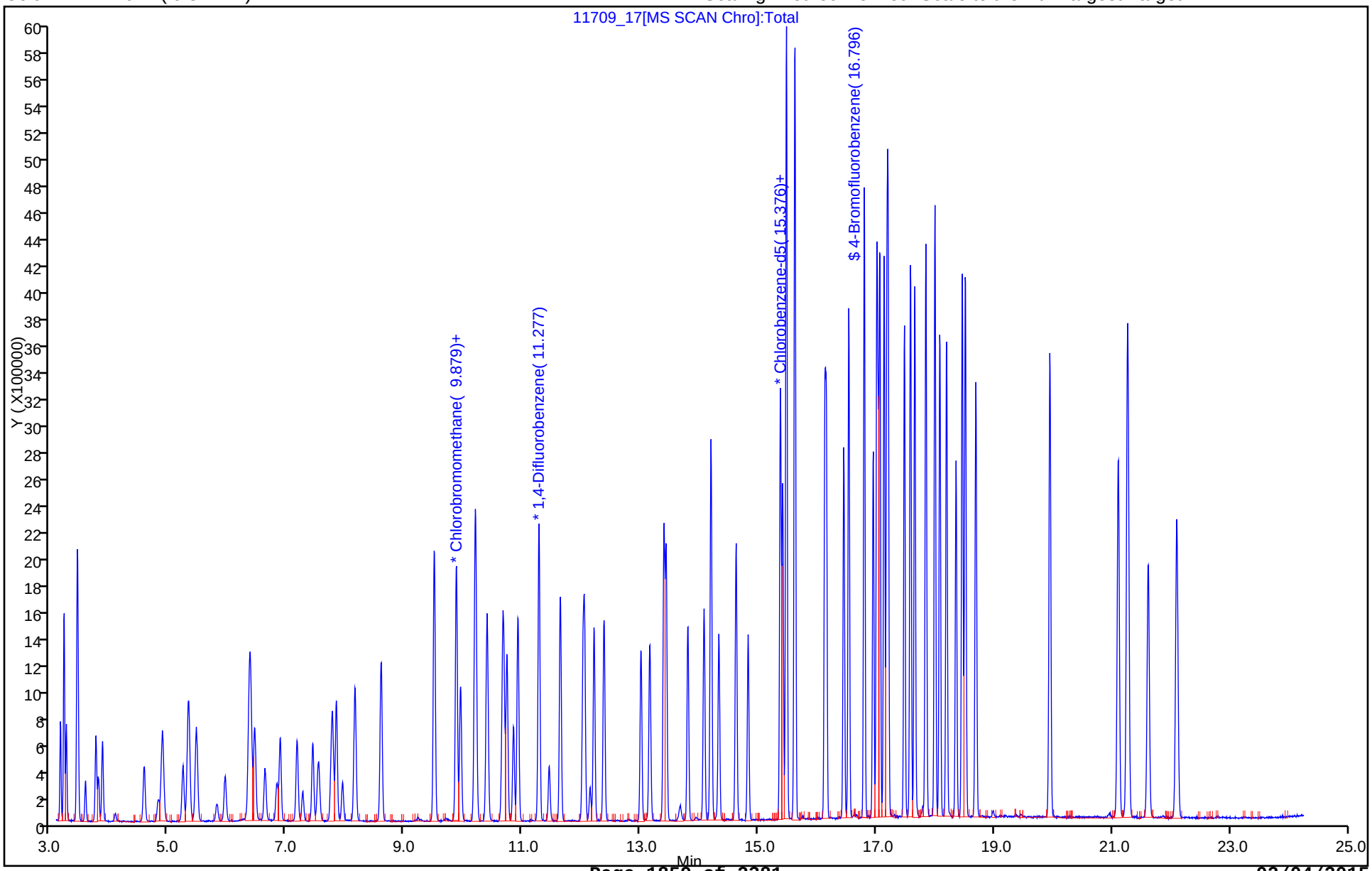
Report Date: 21-Jan-2015 10:34:55 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_17.D

Injection Date:	21-Jan-2015 02:04:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	icv			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-84055/2 Calibration Date: 01/29/2015 11:28

Instrument ID: CHB.i Calib Start Date: 01/20/2015 17:24

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 23:27

Lab File ID: 11879_02a.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8546	0.8741		10.2	10.0	2.3	30.0
Dichlorodifluoromethane	Ave	3.132	3.412		10.9	10.0	8.9	30.0
Freon 22	Ave	1.768	1.813		10.3	10.0	2.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.654	2.906		10.9	10.0	9.5	30.0
Chloromethane	Ave	0.7985	0.8294		10.4	10.0	3.9	30.0
n-Butane	Ave	1.456	1.482		10.2	10.0	1.8	30.0
Vinyl chloride	Ave	0.9302	0.9306		10.0	10.0	0.0	30.0
1,3-Butadiene	Ave	0.6615	0.6878		10.4	10.0	4.0	30.0
Bromomethane	Ave	0.8391	0.8906		10.6	10.0	6.1	30.0
Chloroethane	Ave	0.4535	0.4817		10.6	10.0	6.2	30.0
Isopentane	Ave	1.036	1.004		9.68	10.0	-3.1	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9529	0.9912		10.4	10.0	4.0	30.0
Trichlorofluoromethane	Ave	3.081	3.284		10.7	10.0	6.6	30.0
n-Pentane	Ave	1.538	1.503		9.77	10.0	-2.3	30.0
Ethanol	Ave	0.3548	0.3643		15.4	15.0	2.7	30.0
Ethyl ether	Ave	0.6372	0.6040		9.48	10.0	-5.2	30.0
Acrolein	Ave	0.2746	0.2611		9.51	10.0	-4.9	30.0
Freon TF	Ave	1.998	2.133		10.7	10.0	6.8	30.0
1,1-Dichloroethene	Ave	0.8825	0.9115		10.3	10.0	3.3	30.0
Acetone	Ave	1.740	1.625		9.34	10.0	-6.6	30.0
Isopropyl alcohol	Ave	1.289	1.263		9.79	10.0	-2.0	30.0
Carbon disulfide	Ave	2.249	2.587		11.5	10.0	15.0	30.0
3-Chloropropene	Ave	1.231	1.195		9.71	10.0	-2.9	30.0
Acetonitrile	Ave	0.6211	0.5893		9.48	10.0	-5.1	30.0
Methylene Chloride	Ave	1.135	1.073		9.46	10.0	-5.4	30.0
tert-Butyl alcohol	Ave	1.915	1.827		9.54	10.0	-4.6	30.0
Methyl tert-butyl ether	Ave	2.887	2.996		10.4	10.0	3.8	30.0
trans-1,2-Dichloroethene	Ave	1.344	1.354		10.1	10.0	0.7	30.0
Acrylonitrile	Ave	0.6133	0.6067		9.89	10.0	-1.1	30.0
n-Hexane	Ave	1.409	1.383		9.81	10.0	-1.9	30.0
Vinyl acetate	Ave	2.874	2.776		9.66	10.0	-3.4	30.0
1,1-Dichloroethane	Ave	1.658	1.713		10.3	10.0	3.3	30.0
Methyl Ethyl Ketone	Ave	0.5069	0.4837		9.54	10.0	-4.6	30.0
cis-1,2-Dichloroethene	Ave	1.028	1.044		10.2	10.0	1.5	30.0
Ethyl acetate	Ave	0.0854	0.0839		9.82	10.0	-1.8	30.0
Tetrahydrofuran	Ave	0.2308	0.2174		9.42	10.0	-5.8	30.0
Chloroform	Ave	2.204	2.238		10.2	10.0	1.5	30.0
1,1,1-Trichloroethane	Ave	0.5180	0.5295		10.2	10.0	2.2	30.0
Cyclohexane	Ave	0.2801	0.2811		10.0	10.0	0.3	30.0
Carbon tetrachloride	Ave	0.5966	0.6020		10.1	10.0	0.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-84055/2 Calibration Date: 01/29/2015 11:28

Instrument ID: CHB.i Calib Start Date: 01/20/2015 17:24

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 23:27

Lab File ID: 11879_02a.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9601	0.9530		9.92	10.0	-0.7	30.0
Benzene	Ave	0.6031	0.6123		10.2	10.0	1.5	30.0
1,2-Dichloroethane	Ave	0.3290	0.3129		9.51	10.0	-4.9	30.0
n-Heptane	Ave	0.3942	0.3685		9.35	10.0	-6.5	30.0
n-Butanol	Ave	0.1168	0.1090		9.33	10.0	-6.6	30.0
Trichloroethene	Ave	0.2995	0.2940		9.81	10.0	-1.8	30.0
1,2-Dichloropropane	Ave	0.2199	0.2195		9.98	10.0	-0.2	30.0
Methyl methacrylate	Ave	0.2348	0.2320		9.88	10.0	-1.2	30.0
1,4-Dioxane	Ave	0.0959	0.0905		9.44	10.0	-5.6	30.0
Dibromomethane	Ave	0.3054	0.3293		10.8	10.0	7.8	30.0
Bromodichloromethane	Ave	0.5318	0.5494		10.3	10.0	3.3	30.0
cis-1,3-Dichloropropene	Ave	0.3693	0.3675		9.95	10.0	-0.5	30.0
methyl isobutyl ketone	Ave	0.5797	0.5530		9.54	10.0	-4.6	30.0
n-Octane	Ave	0.5675	0.5301		9.34	10.0	-6.6	30.0
Toluene	Ave	0.5188	0.5290		10.2	10.0	2.0	30.0
trans-1,3-Dichloropropene	Ave	0.4012	0.4049		10.1	10.0	0.9	30.0
1,1,2-Trichloroethane	Ave	0.2443	0.2591		10.6	10.0	6.0	30.0
Tetrachloroethene	Ave	0.5194	0.5583		10.7	10.0	7.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6288	0.5990		9.52	10.0	-4.7	30.0
Dibromochloromethane	Ave	0.6681	0.7020		10.5	10.0	5.1	30.0
1,2-Dibromoethane	Ave	0.5122	0.5365		10.5	10.0	4.8	30.0
Chlorobenzene	Ave	0.7460	0.7701		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.255	1.271		10.1	10.0	1.2	30.0
n-Nonane	Ave	0.5472	0.5324		9.73	10.0	-2.7	30.0
m,p-Xylene	Ave	0.4793	0.5098		21.3	20.0	6.4	30.0
Xylene, o-	Ave	0.4684	0.5023		10.7	10.0	7.2	30.0
Styrene	Ave	0.7656	0.8019		10.5	10.0	4.7	30.0
Bromoform	Ave	0.7464	0.8153		10.9	10.0	9.2	30.0
Cumene	Ave	1.452	1.536		10.6	10.0	5.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6740	0.7042		10.4	10.0	4.5	30.0
n-Propylbenzene	Ave	1.736	1.830		10.5	10.0	5.4	30.0
1,2,3-Trichloropropane	Ave	0.5643	0.5713		10.1	10.0	1.2	30.0
n-Decane	Ave	0.7116	0.6950		9.76	10.0	-2.3	30.0
4-Ethyltoluene	Ave	1.469	1.566		10.7	10.0	6.6	30.0
2-Chlorotoluene	Ave	1.203	1.257		10.4	10.0	4.5	30.0
1,3,5-Trimethylbenzene	Ave	1.293	1.386		10.7	10.0	7.2	30.0
Alpha Methyl Styrene	Ave	0.6198	0.6215		10.0	10.0	0.3	30.0
tert-Butylbenzene	Ave	1.224	1.315		10.7	10.0	7.4	30.0
1,2,4-Trimethylbenzene	Ave	1.287	1.395		10.8	10.0	8.4	30.0
sec-Butylbenzene	Ave	1.771	1.963		11.1	10.0	10.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-84055/2 Calibration Date: 01/29/2015 11:28

Instrument ID: CHB.i Calib Start Date: 01/20/2015 17:24

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 23:27

Lab File ID: 11879_02a.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.570	1.724		11.0	10.0	9.8	30.0
1,3-Dichlorobenzene	Ave	0.8830	1.009		11.4	10.0	14.3	30.0
1,4-Dichlorobenzene	Ave	0.8894	0.9895		11.1	10.0	11.3	30.0
Benzyl chloride	Ave	1.170	1.271		10.9	10.0	8.6	30.0
n-Undecane	Ave	0.8146	0.8029		9.85	10.0	-1.4	30.0
n-Butylbenzene	Ave	1.408	1.528		10.9	10.0	8.5	30.0
1,2-Dichlorobenzene	Ave	0.8407	0.9426		11.2	10.0	12.1	30.0
n-Dodecane	Ave	0.8020	0.7836		9.77	10.0	-2.3	30.0
1,2,4-Trichlorobenzene	Ave	0.7448	0.8127		10.9	10.0	9.1	30.0
Hexachlorobutadiene	Ave	0.6513	0.6909		10.6	10.0	6.1	30.0
Naphthalene	Ave	1.594	1.723		10.8	10.0	8.1	30.0
1,2,3-Trichlorobenzene	Ave	0.6877	0.7842		11.4	10.0	14.0	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_02a.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Jan-2015 11:28:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011879-002
Misc. Info.: ccvis
Operator ID: pad Instrument ID: CHB.i
Sublist: chrom-TO15_LLNJ_TO3*sub5

Method: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 15:06:01 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: lyonsb Date: 30-Jan-2015 15:04:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41	3.160	3.160	0.000	95	543866	10.0	10.2	
5 Dichlorodifluoromethane	85	3.218	3.218	0.000	99	2122892	10.0	10.9	
6 Chlorodifluoromethane	51	3.261	3.261	0.000	97	1128217	10.0	10.3	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.448	3.448	0.000	92	1807934	10.0	10.9	
8 Chloromethane	50	3.581	3.581	0.000	99	516068	10.0	10.4	
9 Butane	43	3.763	3.763	0.000	96	922242	10.0	10.2	
10 Vinyl chloride	62	3.800	3.800	0.000	98	578999	10.0	10.0	
11 Butadiene	54	3.875	3.875	0.000	93	427949	10.0	10.4	
12 Bromomethane	94	4.579	4.579	0.000	97	554137	10.0	10.6	
13 BFB									
14 Chloroethane	64	4.809	4.809	0.000	99	299724	10.0	10.6	
15 2-Methylbutane	43	4.883	4.883	0.000	89	624458	10.0	9.68	
16 Vinyl bromide	106	5.241	5.241	0.000	97	616710	10.0	10.4	
17 Trichlorofluoromethane	101	5.326	5.326	0.000	98	2043177	10.0	10.7	
18 Pentane	43	5.465	5.465	0.000	96	935410	10.0	9.77	
19 Ethanol	45	5.812	5.812	0.000	98	340122	15.0	15.4	
21 Ethyl ether	59	5.951	5.951	0.000	97	375827	10.0	9.48	
22 Acrolein	56	6.356	6.356	0.000	96	162451	10.0	9.51	
23 1,1,2-Trichloro-1,2,2-trif	101	6.372	6.372	0.000	94	1327190	10.0	10.7	
24 1,1-Dichloroethene	96	6.453	6.453	0.000	97	567141	10.0	10.3	
25 Acetone	43	6.629	6.629	0.000	85	1010898	10.0	9.34	
26 Isopropyl alcohol	45	6.826	6.826	0.000	97	785854	10.0	9.79	
27 Carbon disulfide	76	6.885	6.885	0.000	99	1609399	10.0	11.5	
29 3-Chloro-1-propene	41	7.173	7.173	0.000	84	743766	10.0	9.71	
30 Acetonitrile	41	7.269	7.269	0.000	99	366641	10.0	9.48	
31 Methylene Chloride	49	7.429	7.429	0.000	96	667585	10.0	9.46	
32 2-Methyl-2-propanol	59	7.536	7.536	0.000	98	1136722	10.0	9.54	
33 Methyl tert-butyl ether	73	7.765	7.765	0.000	96	1863961	10.0	10.4	
34 trans-1,2-Dichloroethene	61	7.840	7.840	0.000	94	842211	10.0	10.1	
35 Acrylonitrile	53	7.947	7.947	0.000	97	377501	10.0	9.89	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57	8.150	8.150	0.000	91	860464	10.0	9.81	
38 Vinyl acetate	43	8.593	8.593	0.000	100	1727316	10.0	9.66	
37 1,1-Dichloroethane	63	8.598	8.598	0.000	70	1065800	10.0	10.3	
40 2-Butanone (MEK)	72	9.495	9.495	0.000	95	300968	10.0	9.54	
41 Ethyl acetate	88	9.500	9.500	0.000	91	52184	10.0	9.82	
39 cis-1,2-Dichloroethene	96	9.500	9.500	0.000	52	649578	10.0	10.2	
43 Tetrahydrofuran	42	9.868	9.868	0.000	82	675736	10.0	9.42	
* 44 Chlorobromomethane	128	9.874	9.874	0.000	87	622335	10.0	10.0	
45 Chloroform	83	9.943	9.943	0.000	97	1392537	10.0	10.2	
S 42 1,2-Dichloroethene, Total	61				0		20.0	20.2	
46 Cyclohexane	84	10.199	10.199	0.000	73	873621	10.0	10.0	
47 1,1,1-Trichloroethane	97	10.199	10.199	0.000	97	1645984	10.0	10.2	
48 Carbon tetrachloride	117	10.391	10.391	0.000	97	1871151	10.0	10.1	
49 Isooctane	57	10.663	10.663	0.000	95	2962243	10.0	9.92	
50 Benzene	78	10.733	10.733	0.000	96	1903172	10.0	10.2	
51 1,2-Dichloroethane	62	10.839	10.839	0.000	97	972542	10.0	9.51	
52 n-Heptane	43	10.920	10.920	0.000	91	1145383	10.0	9.35	
A 53 GRO	1	11.261	(4.873-17.067)		0	296588301	10.0	0	
* 54 1,4-Difluorobenzene	114	11.272	11.272	0.000	94	3109055	10.0	10.0	
56 n-Butanol	56	11.448	11.448	0.000	94	338952	10.0	9.33	
57 Trichloroethene	95	11.640	11.640	0.000	94	913780	10.0	9.81	
58 1,2-Dichloropropane	63	12.024	12.024	0.000	82	682347	10.0	9.98	
59 Methyl methacrylate	69	12.051	12.051	0.000	89	721137	10.0	9.88	
60 1,4-Dioxane	88	12.147	12.147	0.000	94	281416	10.0	9.44	
61 Dibromomethane	174	12.206	12.206	0.000	91	1023716	10.0	10.8	
62 Dichlorobromomethane	83	12.377	12.377	0.000	98	1707711	10.0	10.3	
A 63 TVOC as Toluene	1	12.926	(3.150-22.105)		0	532494119	10.0	3301.5	
64 cis-1,3-Dichloropropene	75	13.006	13.006	0.000	96	1142421	10.0	9.95	
65 4-Methyl-2-pentanone (MIBK	43	13.150	13.150	0.000	98	1718993	10.0	9.54	
A 66 C8 Range	1	13.374	(13.346-13.426)		0	7028181	NC	NC	
67 n-Octane	43	13.396	13.396	0.000	89	1647865	10.0	9.34	
68 Toluene	92	13.433	13.433	0.000	92	1484362	10.0	10.2	
A 69 Toluene Range	1	13.448	(13.423-13.473)		0	7130368	NC	NC	
70 trans-1,3-Dichloropropene	75	13.796	13.796	0.000	95	1258538	10.0	10.1	
71 1,1,2-Trichloroethane	83	14.074	14.074	0.000	92	726933	10.0	10.6	
72 Tetrachloroethene	166	14.191	14.191	0.000	96	1566451	10.0	10.7	
73 2-Hexanone	43	14.324	14.324	0.000	97	1680905	10.0	9.52	
74 Chlorodibromomethane	129	14.618	14.618	0.000	97	1969681	10.0	10.5	
75 Ethylene Dibromide	107	14.821	14.821	0.000	96	1505505	10.0	10.5	
* 76 Chlorobenzene-d5	117	15.371	15.371	0.000	86	2806566	10.0	10.0	
77 Chlorobenzene	112	15.408	15.408	0.000	94	2160816	10.0	10.3	
79 Ethylbenzene	91	15.472	15.472	0.000	99	3565212	10.0	10.1	
78 n-Nonane	57	15.477	15.477	0.000	91	1493845	10.0	9.73	
80 m-Xylene & p-Xylene	106	15.616	15.616	0.000	0	2861191	20.0	21.3	
S 81 Xylenes, Total	106				0		30.0	32.0	
82 o-Xylene	106	16.128	16.128	0.000	93	1409452	10.0	10.7	
83 Styrene	104	16.150	16.150	0.000	94	2250010	10.0	10.5	
84 Bromoform	173	16.449	16.449	0.000	96	2287689	10.0	10.9	
85 Isopropylbenzene	105	16.529	16.529	0.000	96	4309168	10.0	10.6	
$ 86 4-Bromofluorobenzene	95	16.795	16.795	0.000	94	2151149	NC	NC	
87 1,1,2,2-Tetrachloroethane	83	16.945	16.945	0.000	96	1975910	10.0	10.4	
88 N-Propylbenzene	91	17.009	17.009	0.000	99	5134451	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	17.030	17.030	0.000	95	1602934	10.0	10.1	
90 n-Decane	57	17.057	17.057	0.000	90	1950182	10.0	9.76	
91 4-Ethyltoluene	105	17.132	17.132	0.000	99	4394536	10.0	10.7	
92 2-Chlorotoluene	91	17.180	17.180	0.000	98	3527770	10.0	10.4	
93 1,3,5-Trimethylbenzene	105	17.196	17.196	0.000	91	3889412	10.0	10.7	
94 Alpha Methyl Styrene	118	17.479	17.479	0.000	89	1743873	10.0	10.0	
95 tert-Butylbenzene	119	17.580	17.580	0.000	93	3690078	10.0	10.7	
96 1,2,4-Trimethylbenzene	105	17.649	17.649	0.000	98	3913740	10.0	10.8	
97 sec-Butylbenzene	105	17.842	17.842	0.000	98	5508914	10.0	11.1	
98 4-Isopropyltoluene	119	17.991	17.991	0.000	97	4838303	10.0	11.0	
99 1,3-Dichlorobenzene	146	18.076	18.076	0.000	96	2832181	10.0	11.4	
100 1,4-Dichlorobenzene	146	18.188	18.188	0.000	95	2776537	10.0	11.1	
101 Benzyl chloride	91	18.349	18.349	0.000	98	3566828	10.0	10.9	
102 Undecane	57	18.455	18.455	0.000	91	2253033	10.0	9.85	
103 n-Butylbenzene	91	18.509	18.509	0.000	98	4287901	10.0	10.9	
104 1,2-Dichlorobenzene	146	18.690	18.690	0.000	96	2644948	10.0	11.2	
106 Dodecane	57	19.944	19.944	0.000	89	2198803	10.0	9.77	
107 1,2,4-Trichlorobenzene	180	21.102	21.102	0.000	95	2280361	10.0	10.9	
108 Hexachlorobutadiene	225	21.262	21.262	0.000	90	1938571	10.0	10.6	
109 Naphthalene	128	21.609	21.609	0.000	99	4833417	10.0	10.8	
110 1,2,3-Trichlorobenzene	180	22.095	22.095	0.000	95	2200504	10.0	11.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL4w_00418	Amount Added: 200.00	Units: mL	
ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

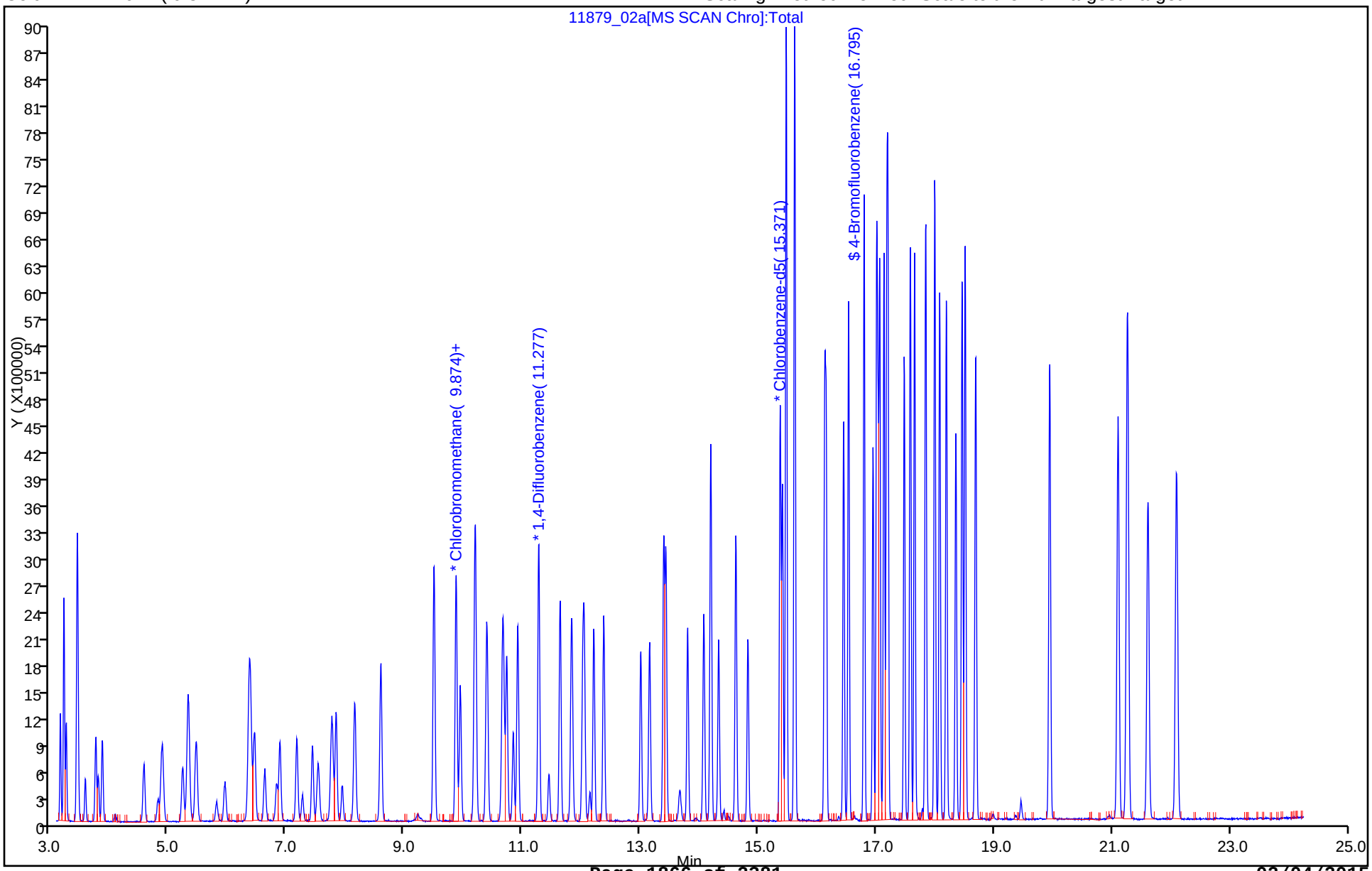
Report Date: 30-Jan-2015 15:06:02 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_02a.D

Injection Date:	29-Jan-2015 11:28:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-83549/19 Calibration Date: 01/20/2015 10:37

Instrument ID: CHG.i Calib Start Date: 01/19/2015 17:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 08:44

Lab File ID: 11695_19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.169	1.110		9.49	10.0	-5.1	30.0
Dichlorodifluoromethane	Ave	4.099	4.117		10.0	10.0	0.4	30.0
Freon 22	Ave	2.394	2.464		10.3	10.0	2.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.990	3.482		11.6	10.0	16.5	30.0
Chloromethane	Ave	1.194	1.160		9.72	10.0	-2.8	30.0
n-Butane	Ave	1.762	1.764		10.0	10.0	0.1	30.0
Vinyl chloride	Ave	1.235	1.153		9.34	10.0	-6.6	30.0
1,3-Butadiene	Ave	0.8199	0.8093		9.87	10.0	-1.3	30.0
Bromomethane	Ave	1.139	1.164		10.2	10.0	2.2	30.0
Chloroethane	Ave	0.4515	0.4477		9.91	10.0	-0.8	30.0
Isopentane	Ave	1.151	1.277		11.1	10.0	10.9	30.0
Bromoethene(Vinyl Bromide)	Ave	1.057	1.118		10.6	10.0	5.8	30.0
Trichlorofluoromethane	Ave	3.554	3.649		10.3	10.0	2.7	30.0
n-Pentane	Ave	1.746	2.019		11.6	10.0	15.6	30.0
Ethanol	Ave	0.4235	0.3915		13.9	15.0	-7.6	30.0
Ethyl ether	Ave	0.5654	0.6516		11.5	10.0	15.3	30.0
Acrolein	Ave	0.2557	0.3335		13.0	10.0	30.4*	30.0
Freon TF	Ave	2.124	2.172		10.2	10.0	2.2	30.0
1,1-Dichloroethene	Ave	0.9040	0.9182		10.2	10.0	1.6	30.0
Acetone	Ave	1.930	1.863		9.65	10.0	-3.4	30.0
Carbon disulfide	Ave	2.786	3.327		11.9	10.0	19.4	30.0
Isopropyl alcohol	Ave	1.347	1.296		9.62	10.0	-3.7	30.0
3-Chloropropene	Ave	1.534	1.514		9.87	10.0	-1.3	30.0
Acetonitrile	Ave	0.7587	0.8535		11.2	10.0	12.5	30.0
Methylene Chloride	Ave	1.531	1.542		10.1	10.0	0.7	30.0
tert-Butyl alcohol	Ave	1.715	1.714		9.99	10.0	-0.0	30.0
Methyl tert-butyl ether	Ave	2.595	2.771		10.7	10.0	6.8	30.0
trans-1,2-Dichloroethene	Ave	1.679	1.853		11.0	10.0	10.4	30.0
Acrylonitrile	Ave	0.6335	0.7100		11.2	10.0	12.1	30.0
n-Hexane	Ave	1.288	1.470		11.4	10.0	14.1	30.0
1,1-Dichloroethane	Ave	2.137	2.200		10.3	10.0	3.0	30.0
Vinyl acetate	Ave	3.007	3.091		10.3	10.0	2.8	30.0
cis-1,2-Dichloroethene	Ave	1.092	1.124		10.3	10.0	2.9	30.0
Methyl Ethyl Ketone	Ave	0.4397	0.4143		9.42	10.0	-5.8	30.0
Ethyl acetate	Ave	0.0517	0.0572		11.1	10.0	10.7	30.0
Tetrahydrofuran	Ave	0.2371	0.2514		10.6	10.0	6.1	30.0
Chloroform	Ave	2.750	2.919		10.6	10.0	6.2	30.0
Cyclohexane	Ave	0.2367	0.2509		10.6	10.0	6.0	30.0
1,1,1-Trichloroethane	Ave	0.5729	0.6015		10.5	10.0	5.0	30.0
Carbon tetrachloride	Ave	0.6488	0.6864		10.6	10.0	5.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-83549/19 Calibration Date: 01/20/2015 10:37

Instrument ID: CHG.i Calib Start Date: 01/19/2015 17:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 08:44

Lab File ID: 11695_19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.028	1.074		10.4	10.0	4.5	30.0
Benzene	Ave	0.6320	0.6581		10.4	10.0	4.1	30.0
1,2-Dichloroethane	Ave	0.4467	0.4701		10.5	10.0	5.3	30.0
n-Heptane	Ave	0.4507	0.4682		10.4	10.0	3.9	30.0
n-Butanol	Ave	0.0993	0.1045		10.5	10.0	5.2	30.0
Trichloroethene	Ave	0.3537	0.3438		9.72	10.0	-2.8	30.0
1,2-Dichloropropane	Ave	0.2690	0.2843		10.6	10.0	5.7	30.0
Methyl methacrylate	Ave	0.2039	0.2185		10.7	10.0	7.1	30.0
1,4-Dioxane	Ave	0.0930	0.0976		10.5	10.0	4.9	30.0
Dibromomethane	Ave	0.3058	0.3192		10.4	10.0	4.4	30.0
Bromodichloromethane	Ave	0.6541	0.6992		10.7	10.0	6.9	30.0
cis-1,3-Dichloropropene	Ave	0.4162	0.4575		11.0	10.0	9.9	30.0
methyl isobutyl ketone	Ave	0.6443	0.6599		10.2	10.0	2.4	30.0
Toluene	Ave	0.4600	0.4667		10.1	10.0	1.5	30.0
n-Octane	Ave	0.6879	0.7272		10.6	10.0	5.7	30.0
trans-1,3-Dichloropropene	Ave	0.4565	0.5038		11.0	10.0	10.4	30.0
1,1,2-Trichloroethane	Ave	0.2575	0.2657		10.3	10.0	3.2	30.0
Tetrachloroethene	Ave	0.4519	0.4460		9.87	10.0	-1.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6075	0.6053		9.96	10.0	-0.4	30.0
Dibromochloromethane	Ave	0.5939	0.6100		10.3	10.0	2.7	30.0
1,2-Dibromoethane	Ave	0.4559	0.4813		10.6	10.0	5.6	30.0
Chlorobenzene	Ave	0.6254	0.6366		10.2	10.0	1.8	30.0
Ethylbenzene	Ave	1.033	1.054		10.2	10.0	2.1	30.0
n-Nonane	Ave	0.5197	0.5438		10.5	10.0	4.6	30.0
m,p-Xylene	Ave	0.4002	0.4004		20.0	20.0	0.0	30.0
Xylene, o-	Ave	0.4000	0.4028		10.1	10.0	0.7	30.0
Styrene	Ave	0.5500	0.5736		10.4	10.0	4.3	30.0
Bromoform	Ave	0.5846	0.6229		10.7	10.0	6.5	30.0
Cumene	Ave	1.141	1.140		9.99	10.0	-0.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6431	0.6692		10.4	10.0	4.1	30.0
n-Propylbenzene	Ave	1.425	1.457		10.2	10.0	2.3	30.0
1,2,3-Trichloropropane	Ave	0.5614	0.5486		9.77	10.0	-2.3	30.0
2-Chlorotoluene	Ave	1.040	1.068		10.3	10.0	2.7	30.0
4-Ethyltoluene	Ave	1.123	1.199		10.7	10.0	6.7	30.0
n-Decane	Ave	0.6527	0.6581		10.1	10.0	0.8	30.0
1,3,5-Trimethylbenzene	Ave	0.9488	0.9658		10.2	10.0	1.8	30.0
Alpha Methyl Styrene	Ave	0.4436	0.4735		10.7	10.0	6.7	30.0
tert-Butylbenzene	Ave	0.8879	0.8951		10.1	10.0	0.8	30.0
1,2,4-Trimethylbenzene	Ave	0.9487	0.9575		10.1	10.0	0.9	30.0
sec-Butylbenzene	Ave	1.335	1.357		10.2	10.0	1.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-83549/19 Calibration Date: 01/20/2015 10:37

Instrument ID: CHG.i Calib Start Date: 01/19/2015 17:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 08:44

Lab File ID: 11695_19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.115	1.156		10.4	10.0	3.7	30.0
1,3-Dichlorobenzene	Ave	0.6758	0.6897		10.2	10.0	2.0	30.0
1,4-Dichlorobenzene	Ave	0.6494	0.6748		10.4	10.0	3.9	30.0
Benzyl chloride	Ave	0.8347	0.8588		10.3	10.0	2.9	30.0
n-Butylbenzene	Ave	1.039	1.091		10.5	10.0	4.9	30.0
n-Undecane	Ave	0.6396	0.6075		9.50	10.0	-5.0	30.0
1,2-Dichlorobenzene	Ave	0.6301	0.6511		10.3	10.0	3.3	30.0
n-Dodecane	Ave	0.4487	0.5039		11.2	10.0	12.3	30.0
1,2,4-Trichlorobenzene	Ave	0.4733	0.5091		10.8	10.0	7.6	30.0
Hexachlorobutadiene	Ave	0.4790	0.5454		11.4	10.0	13.9	30.0
Naphthalene	Ave	0.9253	0.9018		9.74	10.0	-2.5	30.0
1,2,3-Trichlorobenzene	Ave	0.4000	0.4442		11.1	10.0	11.0	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_19.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 20-Jan-2015 10:37:30 ALS Bottle#: 2 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011695-019
Misc. Info.: icv
Operator ID: bpl Instrument ID: CHG.i
Sublist:

Method: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Jan-2015 12:20:59 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 20-Jan-2015 11:18:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.758	2.758	0.000	96	410840	10.0	9.49	
2 Dichlorodifluoromethane	85	2.827	2.827	0.000	99	1524172	10.0	10.0	
6 Chlorodifluoromethane	51	2.881	2.881	0.000	97	912119	10.0	10.3	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.095	3.095	0.000	98	1289227	10.0	11.6	
8 Chloromethane	50	3.223	3.223	0.000	99	429482	10.0	9.72	
9 Butane	43	3.426	3.432	-0.006	96	653248	10.0	10.0	
10 Vinyl chloride	62	3.469	3.469	0.000	98	426911	10.0	9.34	
11 Butadiene	54	3.549	3.549	0.000	91	299631	10.0	9.87	
12 Bromomethane	94	4.234	4.234	0.000	98	430958	10.0	10.2	
14 Chloroethane	64	4.480	4.480	0.000	95	165764	10.0	9.91	
15 2-Methylbutane	43	4.571	4.571	0.000	89	472749	10.0	11.1	
16 Vinyl bromide	106	4.882	4.881	0.001	96	413854	10.0	10.6	
17 Trichlorofluoromethane	101	4.999	4.994	0.005	98	1351173	10.0	10.3	
18 Pentane	43	5.154	5.154	0.000	93	747343	10.0	11.6	
13 BFB									
19 Ethanol	45	5.620	5.620	0.000	96	217496	15.0	13.9	
21 Ethyl ether	59	5.705	5.705	0.000	91	241263	10.0	11.5	
22 Acrolein	56	6.080	6.085	-0.005	97	123467	10.0	13.0	
23 1,1,2-Trichloro-1,2,2-trif	101	6.133	6.133	0.000	93	804082	10.0	10.2	
24 1,1-Dichloroethene	96	6.155	6.155	0.000	93	339968	10.0	10.2	
25 Acetone	43	6.412	6.411	0.001	82	689922	10.0	9.65	
26 Carbon disulfide	76	6.535	6.535	0.000	98	1231857	10.0	11.9	
27 Isopropyl alcohol	45	6.749	6.749	0.000	98	479930	10.0	9.62	
29 3-Chloro-1-propene	41	6.979	6.979	0.000	83	560519	10.0	9.87	
30 Acetonitrile	41	7.102	7.102	0.000	99	316016	10.0	11.2	
31 Methylene Chloride	49	7.278	7.278	0.000	94	571071	10.0	10.1	
32 2-Methyl-2-propanol	59	7.556	7.556	0.000	99	634557	10.0	9.99	
33 Methyl tert-butyl ether	73	7.717	7.728	-0.011	95	1025892	10.0	10.7	
34 trans-1,2-Dichloroethene	61	7.733	7.733	0.000	96	686179	10.0	11.0	
35 Acrylonitrile	53	7.888	7.888	0.000	92	262871	10.0	11.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57	8.156	8.150	0.006	88	544105	10.0	11.4	
37 1,1-Dichloroethane	63	8.626	8.626	0.000	99	814632	10.0	10.3	
38 Vinyl acetate	43	8.733	8.733	0.000	100	1144578	10.0	10.3	
39 cis-1,2-Dichloroethene	96	9.755	9.755	0.000	89	416182	10.0	10.3	
40 2-Butanone (MEK)	72	9.825	9.825	0.000	98	153386	10.0	9.42	
42 Ethyl acetate	88	9.889	9.899	-0.010	98	21187	10.0	11.1	
S 41 1,2-Dichloroethene, Total	61				0		20.0	21.3	
* 43 Chlorobromomethane	128	10.221	10.220	0.001	96	370316	10.0	10.0	
44 Tetrahydrofuran	42	10.242	10.242	0.000	91	492887	10.0	10.6	
45 Chloroform	83	10.370	10.365	0.005	96	1080805	10.0	10.6	
46 Cyclohexane	84	10.616	10.611	0.005	94	491840	10.0	10.6	
47 1,1,1-Trichloroethane	97	10.638	10.638	0.000	97	1179043	10.0	10.5	
48 Carbon tetrachloride	117	10.895	10.895	0.000	96	1345587	10.0	10.6	
51 Isooctane	57	11.360	11.360	0.000	96	2105397	10.0	10.4	
50 Benzene	78	11.360	11.360	0.000	98	1290029	10.0	10.4	
52 1,2-Dichloroethane	62	11.537	11.542	-0.005	98	921549	10.0	10.5	
53 n-Heptane	43	11.767	11.761	0.006	95	917827	10.0	10.4	
* 54 1,4-Difluorobenzene	114	12.216	12.216	0.000	96	1960621	10.0	10.0	
55 n-Butanol	56	12.644	12.655	-0.011	97	204778	10.0	10.5	
56 Trichloroethene	95	12.681	12.681	0.000	93	673956	10.0	9.72	
A 57 GRO	1	12.962	(4.561-21.363)		0	212877342	10.0	0	
58 1,2-Dichloropropane	63	13.227	13.227	0.000	79	557252	10.0	10.6	
59 Methyl methacrylate	69	13.436	13.436	0.000	89	428228	10.0	10.7	
61 Dibromomethane	174	13.484	13.478	0.006	93	625659	10.0	10.4	
60 1,4-Dioxane	88	13.473	13.478	-0.005	45	191329	10.0	10.5	
62 Dichlorobromomethane	83	13.794	13.794	0.000	98	1370536	10.0	10.7	
A 63 TVOC as Toluene	1	14.650	(2.748-26.552)		0	332289522	10.0	0	
64 cis-1,3-Dichloropropene	75	14.779	14.773	0.006	94	896746	10.0	11.0	
65 4-Methyl-2-pentanone (MIBK	43	15.100	15.099	0.001	98	1293519	10.0	10.2	
A 67 Toluene Range	1	15.399	(15.359-15.439)		0	4351664	NC	NC	
66 Toluene	92	15.394	15.399	-0.005	93	989659	10.0	10.1	
A 68 C8 Range	1	15.501	(15.451-15.551)		0	5125465	NC	NC	
69 n-Octane	43	15.506	15.501	0.005	95	1425457	10.0	10.6	
70 trans-1,3-Dichloropropene	75	16.020	16.014	0.006	93	987530	10.0	11.0	
71 1,1,2-Trichloroethane	83	16.399	16.399	0.000	90	563384	10.0	10.3	
72 Tetrachloroethene	166	16.517	16.517	0.000	91	945797	10.0	9.87	
73 2-Hexanone	43	16.892	16.886	0.006	97	1283547	10.0	9.96	
74 Chlorodibromomethane	129	17.175	17.175	0.000	97	1293696	10.0	10.3	
75 Ethylene Dibromide	107	17.443	17.448	-0.005	98	1020687	10.0	10.6	
* 76 Chlorobenzene-d5	117	18.374	18.373	0.001	91	2121079	10.0	10.0	
77 Chlorobenzene	112	18.438	18.438	0.000	91	1349959	10.0	10.2	
78 Ethylbenzene	91	18.604	18.603	0.001	99	2235866	10.0	10.2	
79 n-Nonane	57	18.764	18.764	0.000	93	1153230	10.0	10.5	
80 m-Xylene & p-Xylene	106	18.860	18.860	0.000	0	1698228	20.0	20.0	
83 o-Xylene	106	19.716	19.711	0.005	93	854269	10.0	10.1	
84 Styrene	104	19.764	19.764	0.000	94	1216443	10.0	10.4	
S 82 Xylenes, Total	106				0		30.0	30.1	
85 Bromoform	173	20.182	20.176	0.006	94	1320856	10.0	10.7	
86 Isopropylbenzene	105	20.417	20.417	0.000	98	2417286	10.0	9.99	
* 87 4-Bromofluorobenzene	95	20.781	20.781	0.000	90	1641204	10.0	10.0	
88 1,1,2,2-Tetrachloroethane	83	21.064	21.064	0.000	96	1419146	10.0	10.4	
90 N-Propylbenzene	91	21.150	21.150	0.000	98	3090772	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	21.161	21.155	0.006	96	1163480	10.0	9.77	
91 4-Ethyltoluene	105	21.343	21.343	0.001	98	2543083	10.0	10.7	
92 2-Chlorotoluene	91	21.343	21.343	0.001	95	2265777	10.0	10.3	
93 n-Decane	57	21.353	21.353	0.000	92	1395497	10.0	10.1	
94 1,3,5-Trimethylbenzene	105	21.450	21.455	-0.005	92	2048176	10.0	10.2	
95 Alpha Methyl Styrene	118	21.819	21.819	0.000	87	1004147	10.0	10.7	
96 tert-Butylbenzene	119	21.942	21.942	0.000	89	1898245	10.0	10.1	
97 1,2,4-Trimethylbenzene	105	22.038	22.038	0.000	99	2030504	10.0	10.1	
98 sec-Butylbenzene	105	22.268	22.268	0.000	98	2876797	10.0	10.2	
99 4-Isopropyltoluene	119	22.471	22.477	-0.006	96	2451099	10.0	10.4	
100 1,3-Dichlorobenzene	146	22.493	22.487	0.006	94	1462531	10.0	10.2	
101 1,4-Dichlorobenzene	146	22.627	22.626	0.001	92	1430927	10.0	10.4	
102 Benzyl chloride	91	22.819	22.819	0.000	96	1821187	10.0	10.3	
103 n-Butylbenzene	91	23.038	23.038	0.000	97	2312739	10.0	10.5	
104 Undecane	57	23.081	23.081	0.000	93	1288235	10.0	9.50	
105 1,2-Dichlorobenzene	146	23.151	23.151	0.000	93	1380779	10.0	10.3	
106 Dodecane	57	24.638	24.638	0.000	90	1068567	10.0	11.2	
107 1,2,4-Trichlorobenzene	180	25.606	25.606	0.000	93	1079538	10.0	10.8	
108 Hexachlorobutadiene	225	25.804	25.804	0.000	92	1156560	10.0	11.4	
109 Naphthalene	128	26.077	26.077	0.000	99	1912316	10.0	9.74	
110 1,2,3-Trichlorobenzene	180	26.543	26.542	0.001	94	941914	10.0	11.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00452	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

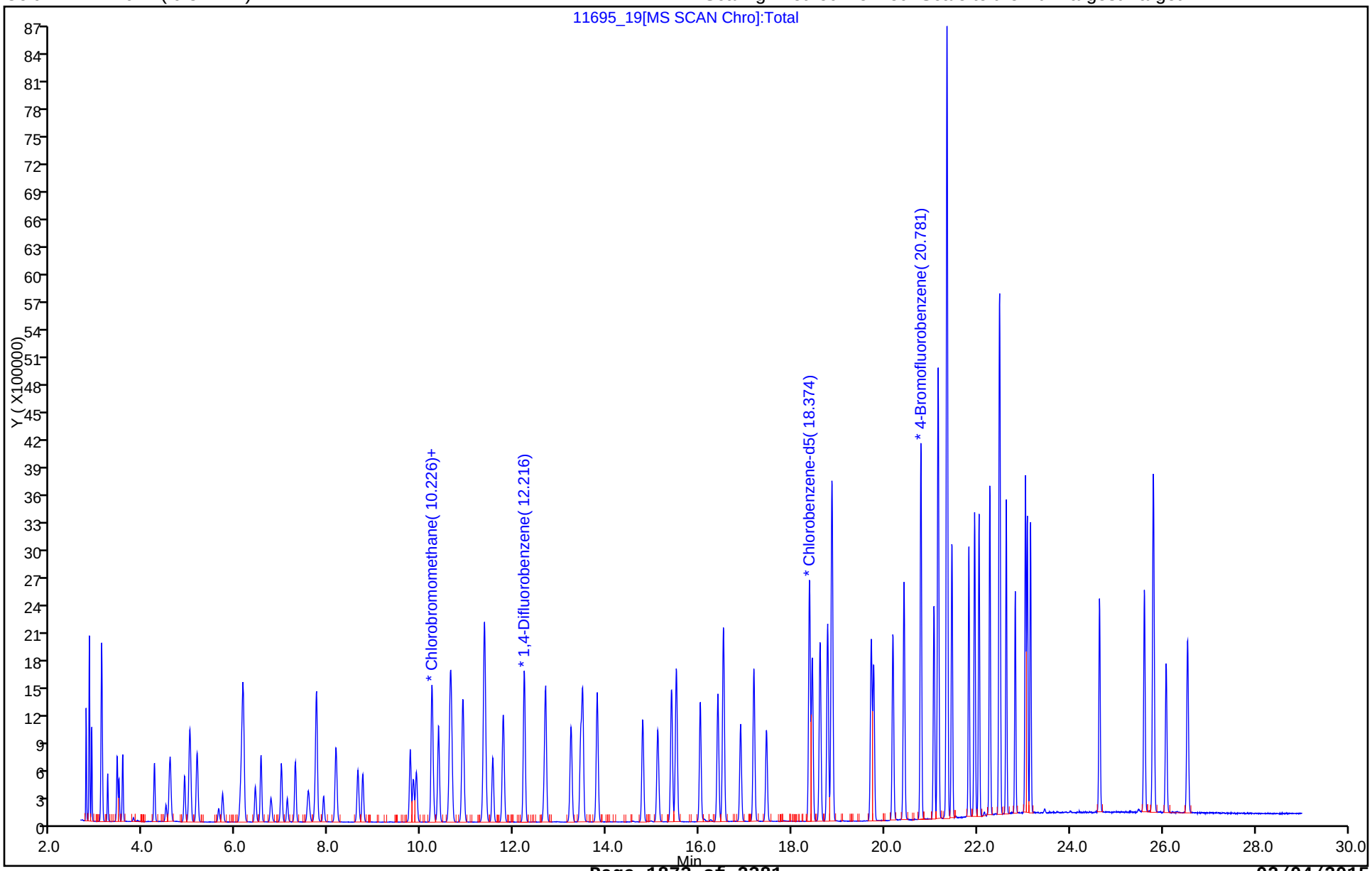
Report Date: 20-Jan-2015 12:21:07 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_19.D

Injection Date:	20-Jan-2015 10:37:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	ICV			Worklist Smp#:	19
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-84038/2 Calibration Date: 01/30/2015 09:39

Instrument ID: CHG.i Calib Start Date: 01/19/2015 17:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 08:44

Lab File ID: 11892_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.169	1.185		10.1	10.0	1.4	30.0
Dichlorodifluoromethane	Ave	4.099	4.367		10.7	10.0	6.5	30.0
Freon 22	Ave	2.394	2.499		10.4	10.0	4.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.990	3.252		10.9	10.0	8.8	30.0
Chloromethane	Ave	1.194	1.223		10.2	10.0	2.4	30.0
n-Butane	Ave	1.762	1.834		10.4	10.0	4.1	30.0
Vinyl chloride	Ave	1.235	1.232		9.98	10.0	-0.2	30.0
1,3-Butadiene	Ave	0.8199	0.8572		10.5	10.0	4.6	30.0
Bromomethane	Ave	1.139	1.183		10.4	10.0	3.9	30.0
Chloroethane	Ave	0.4515	0.4591		10.2	10.0	1.7	30.0
Isopentane	Ave	1.151	1.167		10.1	10.0	1.4	30.0
Bromoethene(Vinyl Bromide)	Ave	1.057	1.181		11.2	10.0	11.8	30.0
Trichlorofluoromethane	Ave	3.554	3.813		10.7	10.0	7.3	30.0
n-Pentane	Ave	1.746	1.838		10.5	10.0	5.3	30.0
Ethanol	Ave	0.4235	0.4762		16.9	15.0	12.5	30.0
Ethyl ether	Ave	0.5654	0.6294		11.1	10.0	11.3	30.0
Acrolein	Ave	0.2557	0.2781		10.9	10.0	8.8	30.0
Freon TF	Ave	2.124	2.245		10.6	10.0	5.7	30.0
1,1-Dichloroethene	Ave	0.9040	0.9392		10.4	10.0	3.9	30.0
Acetone	Ave	1.930	2.012		10.4	10.0	4.3	30.0
Carbon disulfide	Ave	2.786	2.992		10.7	10.0	7.4	30.0
Isopropyl alcohol	Ave	1.347	1.488		11.0	10.0	10.5	30.0
3-Chloropropene	Ave	1.534	1.661		10.8	10.0	8.3	30.0
Acetonitrile	Ave	0.7587	0.8592		11.3	10.0	13.2	30.0
Methylene Chloride	Ave	1.531	1.595		10.4	10.0	4.2	30.0
tert-Butyl alcohol	Ave	1.715	1.835		10.7	10.0	7.0	30.0
Methyl tert-butyl ether	Ave	2.595	2.910		11.2	10.0	12.2	30.0
trans-1,2-Dichloroethene	Ave	1.679	1.779		10.6	10.0	6.0	30.0
Acrylonitrile	Ave	0.6335	0.7170		11.3	10.0	13.2	30.0
n-Hexane	Ave	1.288	1.380		10.7	10.0	7.1	30.0
1,1-Dichloroethane	Ave	2.137	2.243		10.5	10.0	5.0	30.0
Vinyl acetate	Ave	3.007	3.326		11.1	10.0	10.6	30.0
cis-1,2-Dichloroethene	Ave	1.092	1.164		10.7	10.0	6.6	30.0
Methyl Ethyl Ketone	Ave	0.4397	0.4546		10.3	10.0	3.4	30.0
Ethyl acetate	Ave	0.0517	0.0543		10.5	10.0	5.0	30.0
Tetrahydrofuran	Ave	0.2371	0.2586		10.9	10.0	9.1	30.0
Chloroform	Ave	2.750	3.022		11.0	10.0	9.9	30.0
Cyclohexane	Ave	0.2367	0.2446		10.3	10.0	3.3	30.0
1,1,1-Trichloroethane	Ave	0.5729	0.6040		10.5	10.0	5.4	30.0
Carbon tetrachloride	Ave	0.6488	0.6880		10.6	10.0	6.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-84038/2 Calibration Date: 01/30/2015 09:39

Instrument ID: CHG.i Calib Start Date: 01/19/2015 17:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 08:44

Lab File ID: 11892_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6320	0.6695		10.6	10.0	5.9	30.0
2,2,4-Trimethylpentane	Ave	1.028	1.109		10.8	10.0	7.9	30.0
1,2-Dichloroethane	Ave	0.4467	0.4868		10.9	10.0	9.0	30.0
n-Heptane	Ave	0.4507	0.4872		10.8	10.0	8.1	30.0
n-Butanol	Ave	0.0993	0.1049		10.6	10.0	5.6	30.0
Trichloroethene	Ave	0.3537	0.3533		9.98	10.0	-0.1	30.0
1,2-Dichloropropane	Ave	0.2690	0.3036		11.3	10.0	12.8	30.0
Methyl methacrylate	Ave	0.2039	0.2326		11.4	10.0	14.1	30.0
1,4-Dioxane	Ave	0.0930	0.1021		11.0	10.0	9.8	30.0
Dibromomethane	Ave	0.3058	0.3290		10.8	10.0	7.6	30.0
Bromodichloromethane	Ave	0.6541	0.7478		11.4	10.0	14.3	30.0
cis-1,3-Dichloropropene	Ave	0.4162	0.4863		11.7	10.0	16.9	30.0
methyl isobutyl ketone	Ave	0.6443	0.7519		11.7	10.0	16.7	30.0
Toluene	Ave	0.4600	0.5310		11.5	10.0	15.4	30.0
n-Octane	Ave	0.6879	0.8144		11.8	10.0	18.4	30.0
trans-1,3-Dichloropropene	Ave	0.4565	0.5254		11.5	10.0	15.1	30.0
1,1,2-Trichloroethane	Ave	0.2575	0.3004		11.7	10.0	16.7	30.0
Tetrachloroethene	Ave	0.4519	0.4770		10.6	10.0	5.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6075	0.7380		12.1	10.0	21.5	30.0
Dibromochloromethane	Ave	0.5939	0.7005		11.8	10.0	17.9	30.0
1,2-Dibromoethane	Ave	0.4559	0.5267		11.6	10.0	15.5	30.0
Chlorobenzene	Ave	0.6254	0.6979		11.2	10.0	11.6	30.0
Ethylbenzene	Ave	1.033	1.194		11.6	10.0	15.6	30.0
n-Nonane	Ave	0.5197	0.6418		12.3	10.0	23.5	30.0
m,p-Xylene	Ave	0.4002	0.4588		22.9	20.0	14.6	30.0
Xylene, o-	Ave	0.4000	0.4616		11.5	10.0	15.4	30.0
Styrene	Ave	0.5500	0.6489		11.8	10.0	18.0	30.0
Bromoform	Ave	0.5846	0.6977		11.9	10.0	19.3	30.0
Cumene	Ave	1.141	1.328		11.6	10.0	16.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6431	0.7611		11.8	10.0	18.4	30.0
n-Propylbenzene	Ave	1.425	1.676		11.8	10.0	17.6	30.0
1,2,3-Trichloropropane	Ave	0.5614	0.6509		11.6	10.0	15.9	30.0
2-Chlorotoluene	Ave	1.040	1.227		11.8	10.0	17.9	30.0
4-Ethyltoluene	Ave	1.123	1.329		11.8	10.0	18.3	30.0
n-Decane	Ave	0.6527	0.7870		12.1	10.0	20.6	30.0
1,3,5-Trimethylbenzene	Ave	0.9488	1.101		11.6	10.0	16.0	30.0
Alpha Methyl Styrene	Ave	0.4436	0.5163		11.6	10.0	16.4	30.0
tert-Butylbenzene	Ave	0.8879	0.998		11.2	10.0	12.4	30.0
1,2,4-Trimethylbenzene	Ave	0.9487	1.098		11.6	10.0	15.7	30.0
sec-Butylbenzene	Ave	1.335	1.545		11.6	10.0	15.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-84038/2 Calibration Date: 01/30/2015 09:39

Instrument ID: CHG.i Calib Start Date: 01/19/2015 17:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 08:44

Lab File ID: 11892_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.115	1.302		11.7	10.0	16.8	30.0
1,3-Dichlorobenzene	Ave	0.6758	0.7400		10.9	10.0	9.5	30.0
1,4-Dichlorobenzene	Ave	0.6494	0.7077		10.9	10.0	9.0	30.0
Benzyl chloride	Ave	0.8347	0.997		11.9	10.0	19.5	30.0
n-Butylbenzene	Ave	1.039	1.247		12.0	10.0	20.0	30.0
n-Undecane	Ave	0.6396	0.6932		10.8	10.0	8.4	30.0
1,2-Dichlorobenzene	Ave	0.6301	0.6876		10.9	10.0	9.1	30.0
n-Dodecane	Ave	0.4487	0.4986		11.1	10.0	11.1	30.0
1,2,4-Trichlorobenzene	Ave	0.4733	0.5071		10.7	10.0	7.1	30.0
Hexachlorobutadiene	Ave	0.4790	0.5750		12.0	10.0	20.1	30.0
Naphthalene	Ave	0.9253	0.9653		10.4	10.0	4.3	30.0
1,2,3-Trichlorobenzene	Ave	0.4000	0.4503		11.3	10.0	12.6	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_02.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Jan-2015 09:39:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011892-002
Misc. Info.: ccvis
Operator ID: bpl Instrument ID: CHG.i
Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 16:49:31 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: lyonsb Date: 30-Jan-2015 10:45:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.758	2.758	0.000	96	430735	10.0	10.1	
2 Dichlorodifluoromethane	85	2.827	2.827	0.000	99	1587384	10.0	10.7	
3 Chlorodifluoromethane	51	2.881	2.881	0.000	97	908126	10.0	10.4	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.089	3.089	0.000	97	1181787	10.0	10.9	
5 Chloromethane	50	3.223	3.223	0.000	99	444376	10.0	10.2	
6 Butane	43	3.426	3.426	0.000	95	666525	10.0	10.4	
7 Vinyl chloride	62	3.469	3.469	0.000	98	447807	10.0	9.98	
8 Butadiene	54	3.544	3.544	0.000	91	311569	10.0	10.5	
9 Bromomethane	94	4.229	4.229	0.000	96	429955	10.0	10.4	
10 Chloroethane	64	4.480	4.480	0.000	95	166861	10.0	10.2	
11 2-Methylbutane	43	4.566	4.566	0.000	90	424020	10.0	10.1	
12 Vinyl bromide	106	4.881	4.881	0.000	97	429401	10.0	11.2	
13 Trichlorofluoromethane	101	4.994	4.994	0.000	98	1385955	10.0	10.7	
14 Pentane	43	5.149	5.149	0.000	92	668012	10.0	10.5	
15 Ethanol	45	5.614	5.614	0.000	95	259746	15.0	16.9	
16 Ethyl ether	59	5.700	5.700	0.000	88	228763	10.0	11.1	
17 BFB									
18 Acrolein	56	6.074	6.074	0.000	96	101071	10.0	10.9	
19 1,1,2-Trichloro-1,2,2-trif	101	6.123	6.123	0.000	94	816090	10.0	10.6	
20 1,1-Dichloroethene	96	6.149	6.149	0.000	92	341341	10.0	10.4	
21 Acetone	43	6.401	6.401	0.000	82	731193	10.0	10.4	
22 Carbon disulfide	76	6.524	6.524	0.000	98	1087304	10.0	10.7	
23 Isopropyl alcohol	45	6.738	6.738	0.000	98	540761	10.0	11.0	
24 3-Chloro-1-propene	41	6.962	6.962	0.000	82	603591	10.0	10.8	
25 Acetonitrile	41	7.091	7.091	0.000	98	312289	10.0	11.3	
26 Methylene Chloride	49	7.267	7.267	0.000	94	579677	10.0	10.4	
27 2-Methyl-2-propanol	59	7.546	7.546	0.000	98	666966	10.0	10.7	
28 Methyl tert-butyl ether	73	7.711	7.711	0.000	94	1057812	10.0	11.2	
29 trans-1,2-Dichloroethene	61	7.722	7.722	0.000	96	646596	10.0	10.6	
30 Acrylonitrile	53	7.877	7.877	0.000	91	260593	10.0	11.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
31 Hexane	57	8.145	8.145	0.000	87	501410	10.0	10.7	
32 1,1-Dichloroethane	63	8.615	8.615	0.000	99	815282	10.0	10.5	
33 Vinyl acetate	43	8.722	8.722	0.000	100	1208747	10.0	11.1	
34 cis-1,2-Dichloroethene	96	9.744	9.744	0.000	89	423115	10.0	10.7	
35 2-Butanone (MEK)	72	9.814	9.814	0.000	98	165227	10.0	10.3	
36 Ethyl acetate	88	9.878	9.878	0.000	98	19722	10.0	10.5	
S 37 1,2-Dichloroethene, Total	61				0		20.0	21.3	
* 38 Chlorobromomethane	128	10.210	10.210	0.000	95	363525	10.0	10.0	
39 Tetrahydrofuran	42	10.231	10.231	0.000	91	510645	10.0	10.9	
40 Chloroform	83	10.354	10.354	0.000	96	1098337	10.0	11.0	
41 Cyclohexane	84	10.600	10.600	0.000	95	482975	10.0	10.3	
42 1,1,1-Trichloroethane	97	10.632	10.632	0.000	97	1192524	10.0	10.5	
43 Carbon tetrachloride	117	10.878	10.878	0.000	96	1358365	10.0	10.6	
44 Benzene	78	11.344	11.344	0.000	98	1321837	10.0	10.6	
45 Isooctane	57	11.349	11.349	0.000	95	2189799	10.0	10.8	
46 1,2-Dichloroethane	62	11.526	11.526	0.000	98	961079	10.0	10.9	
47 n-Heptane	43	11.756	11.756	0.000	95	961959	10.0	10.8	
* 48 1,4-Difluorobenzene	114	12.205	12.205	0.000	96	1974835	10.0	10.0	
49 n-Butanol	56	12.628	12.628	0.000	96	207045	10.0	10.6	
50 Trichloroethene	95	12.665	12.665	0.000	92	697518	10.0	9.98	
A 51 GRO	1	12.954	(4.556-21.352)		0	229757831	10.0	0	
52 1,2-Dichloropropane	63	13.211	13.211	0.000	77	599371	10.0	11.3	
53 Methyl methacrylate	69	13.420	13.420	0.000	88	459308	10.0	11.4	
54 1,4-Dioxane	88	13.457	13.457	0.000	47	201663	10.0	11.0	
55 Dibromomethane	174	13.468	13.468	0.000	92	649489	10.0	10.8	
56 Dichlorobromomethane	83	13.778	13.778	0.000	98	1476520	10.0	11.4	
A 57 TVOC as Toluene	1	14.642	(2.748-26.536)		0	353566419	10.0	0	
58 cis-1,3-Dichloropropene	75	14.757	14.757	0.000	94	960259	10.0	11.7	
59 4-Methyl-2-pentanone (MIBK	43	15.083	15.083	0.000	98	1484659	10.0	11.7	
61 Toluene	92	15.383	15.383	0.000	93	1047329	10.0	11.5	
A 60 Toluene Range	1	15.383	(15.343-15.423)		0	4676011	NC	NC	
A 63 C8 Range	1	15.490	(15.440-15.540)		0	5649361	NC	NC	
62 n-Octane	43	15.490	15.490	0.000	96	1607893	10.0	11.8	
64 trans-1,3-Dichloropropene	75	16.003	16.003	0.000	92	1037280	10.0	11.5	
65 1,1,2-Trichloroethane	83	16.383	16.383	0.000	89	592554	10.0	11.7	
66 Tetrachloroethene	166	16.506	16.506	0.000	90	940943	10.0	10.6	
67 2-Hexanone	43	16.875	16.875	0.000	97	1455781	10.0	12.1	
68 Chlorodibromomethane	129	17.159	17.159	0.000	96	1381811	10.0	11.8	
69 Ethylene Dibromide	107	17.432	17.432	0.000	98	1039020	10.0	11.6	
* 70 Chlorobenzene-d5	117	18.363	18.363	0.000	92	1972940	10.0	10.0	
71 Chlorobenzene	112	18.421	18.421	0.000	92	1376600	10.0	11.2	
72 Ethylbenzene	91	18.593	18.593	0.000	99	2355931	10.0	11.6	
73 n-Nonane	57	18.753	18.753	0.000	93	1266048	10.0	12.3	
74 m-Xylene & p-Xylene	106	18.849	18.849	0.000	0	1810005	20.0	22.9	
75 o-Xylene	106	19.689	19.689	0.000	92	910526	10.0	11.5	
76 Styrene	104	19.748	19.748	0.000	93	1280009	10.0	11.8	
S 77 Xylenes, Total	106				0		30.0	34.5	
78 Bromoform	173	20.165	20.165	0.000	93	1376239	10.0	11.9	
79 Isopropylbenzene	105	20.406	20.406	0.000	98	2618591	10.0	11.6	
* 80 4-Bromofluorobenzene	95	20.770	20.770	0.000	88	1501162	10.0	10.0	
81 1,1,2,2-Tetrachloroethane	83	21.054	21.054	0.000	97	1501262	10.0	11.8	
82 N-Propylbenzene	91	21.139	21.139	0.000	98	3305931	10.0	11.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
83 1,2,3-Trichloropropane	75	21.144	21.144	0.000	95	1283900	10.0	11.6	
85 4-Ethyltoluene	105	21.332	21.332	0.000	98	2620870	10.0	11.8	
84 2-Chlorotoluene	91	21.332	21.332	0.000	94	2419789	10.0	11.8	
86 n-Decane	57	21.342	21.342	0.000	97	1552305	10.0	12.1	
87 1,3,5-Trimethylbenzene	105	21.439	21.439	0.000	92	2171137	10.0	11.6	
88 Alpha Methyl Styrene	118	21.808	21.808	0.000	85	1018383	10.0	11.6	
89 tert-Butylbenzene	119	21.931	21.931	0.000	87	1968024	10.0	11.2	
90 1,2,4-Trimethylbenzene	105	22.027	22.027	0.000	99	2165232	10.0	11.6	
91 sec-Butylbenzene	105	22.257	22.257	0.000	97	3046848	10.0	11.6	
92 4-Isopropyltoluene	119	22.466	22.466	0.000	96	2568804	10.0	11.7	
93 1,3-Dichlorobenzene	146	22.482	22.482	0.000	93	1459590	10.0	10.9	
94 1,4-Dichlorobenzene	146	22.616	22.616	0.000	91	1395886	10.0	10.9	
95 Benzyl chloride	91	22.808	22.808	0.000	96	1967429	10.0	11.9	
96 n-Butylbenzene	91	23.028	23.028	0.000	97	2459281	10.0	12.0	
97 Undecane	57	23.070	23.070	0.000	92	1367340	10.0	10.8	
98 1,2-Dichlorobenzene	146	23.140	23.140	0.000	92	1356272	10.0	10.9	
99 Dodecane	57	24.627	24.627	0.000	89	983433	10.0	11.1	
100 1,2,4-Trichlorobenzene	180	25.595	25.595	0.000	93	1000228	10.0	10.7	
101 Hexachlorobutadiene	225	25.788	25.788	0.000	92	1134263	10.0	12.0	
102 Naphthalene	128	26.061	26.061	0.000	99	1904085	10.0	10.4	
103 1,2,3-Trichlorobenzene	180	26.526	26.526	0.000	92	888213	10.0	11.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL4w_00420	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

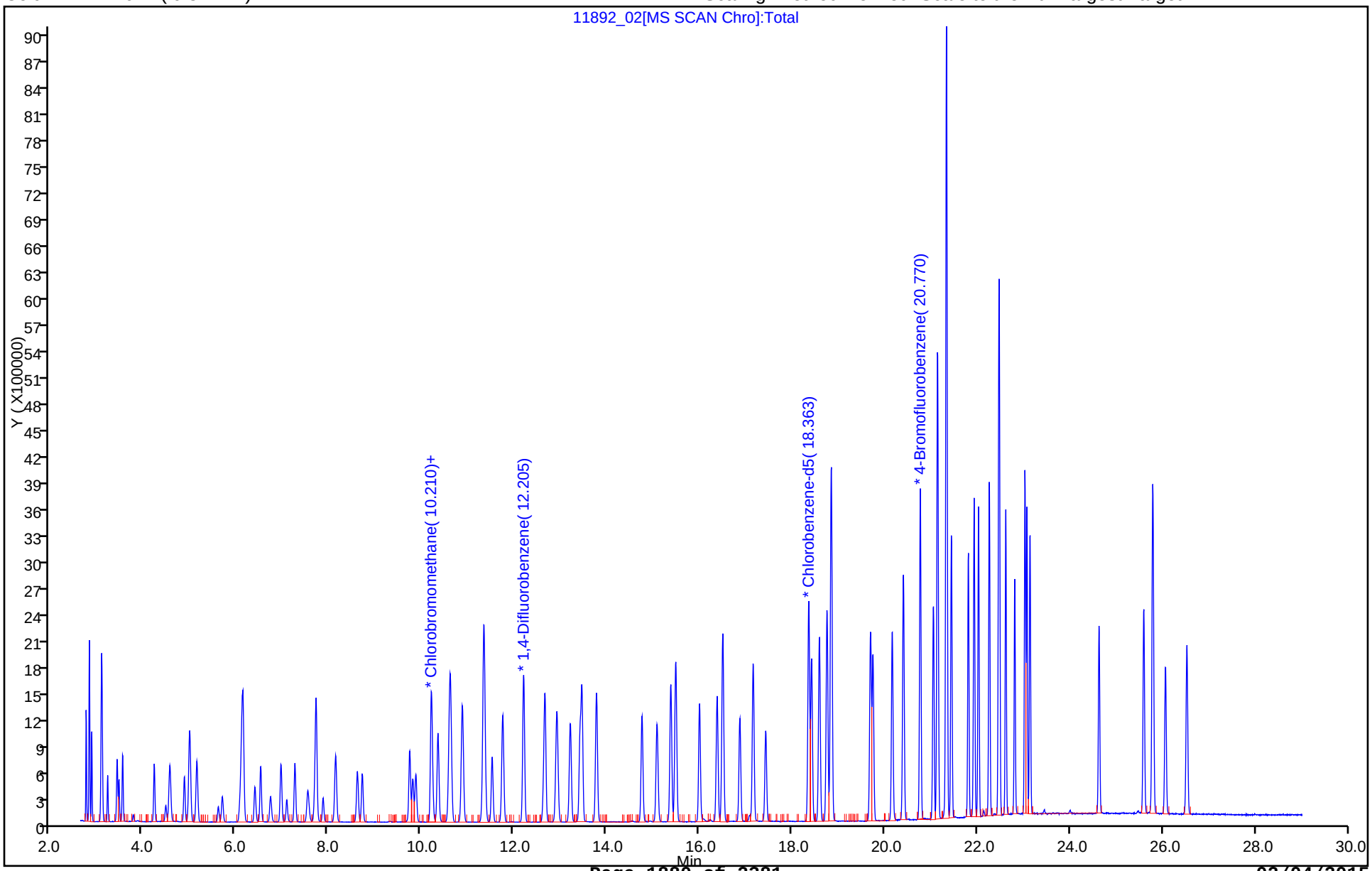
Report Date: 30-Jan-2015 16:49:32 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_02.D

Injection Date:	30-Jan-2015 09:39:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-84069/2 Calibration Date: 02/02/2015 09:38

Instrument ID: CHG.i Calib Start Date: 01/19/2015 17:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 08:44

Lab File ID: 11918_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.169	1.195		10.2	10.0	2.2	30.0
Dichlorodifluoromethane	Ave	4.099	4.495		11.0	10.0	9.6	30.0
Freon 22	Ave	2.394	2.547		10.6	10.0	6.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.990	3.385		11.3	10.0	13.2	30.0
Chloromethane	Ave	1.194	1.212		10.2	10.0	1.5	30.0
n-Butane	Ave	1.762	1.783		10.1	10.0	1.2	30.0
Vinyl chloride	Ave	1.235	1.226		9.93	10.0	-0.7	30.0
1,3-Butadiene	Ave	0.8199	0.8645		10.5	10.0	5.4	30.0
Bromomethane	Ave	1.139	1.264		11.1	10.0	11.0	30.0
Chloroethane	Ave	0.4515	0.4615		10.2	10.0	2.2	30.0
Isopentane	Ave	1.151	1.203		10.4	10.0	4.5	30.0
Bromoethene(Vinyl Bromide)	Ave	1.057	1.222		11.6	10.0	15.6	30.0
Trichlorofluoromethane	Ave	3.554	4.015		11.3	10.0	13.0	30.0
n-Pentane	Ave	1.746	1.857		10.6	10.0	6.4	30.0
Ethanol	Ave	0.4235	0.4378		15.5	15.0	3.4	30.0
Ethyl ether	Ave	0.5654	0.5768		10.2	10.0	2.0	30.0
Acrolein	Ave	0.2557	0.2728		10.7	10.0	6.7	30.0
Freon TF	Ave	2.124	2.264		10.7	10.0	6.6	30.0
1,1-Dichloroethene	Ave	0.9040	0.9890		10.9	10.0	9.4	30.0
Acetone	Ave	1.930	1.832		9.49	10.0	-5.0	30.0
Carbon disulfide	Ave	2.786	3.110		11.2	10.0	11.6	30.0
Isopropyl alcohol	Ave	1.347	1.399		10.4	10.0	3.9	30.0
3-Chloropropene	Ave	1.534	1.575		10.3	10.0	2.7	30.0
Acetonitrile	Ave	0.7587	0.7856		10.4	10.0	3.5	30.0
Methylene Chloride	Ave	1.531	1.555		10.2	10.0	1.6	30.0
tert-Butyl alcohol	Ave	1.715	1.822		10.6	10.0	6.2	30.0
Methyl tert-butyl ether	Ave	2.595	2.672		10.3	10.0	3.0	30.0
trans-1,2-Dichloroethene	Ave	1.679	1.778		10.6	10.0	5.9	30.0
Acrylonitrile	Ave	0.6335	0.6459		10.2	10.0	2.0	30.0
n-Hexane	Ave	1.288	1.389		10.8	10.0	7.9	30.0
1,1-Dichloroethane	Ave	2.137	2.195		10.3	10.0	2.7	30.0
Vinyl acetate	Ave	3.007	2.997		9.96	10.0	-0.3	30.0
cis-1,2-Dichloroethene	Ave	1.092	1.185		10.8	10.0	8.5	30.0
Methyl Ethyl Ketone	Ave	0.4397	0.3959		9.00	10.0	-10.0	30.0
Ethyl acetate	Ave	0.0517	0.0479		9.26	10.0	-7.4	30.0
Tetrahydrofuran	Ave	0.2371	0.2457		10.4	10.0	3.6	30.0
Chloroform	Ave	2.750	2.974		10.8	10.0	8.2	30.0
Cyclohexane	Ave	0.2367	0.2640		11.1	10.0	11.5	30.0
1,1,1-Trichloroethane	Ave	0.5729	0.6453		11.3	10.0	12.6	30.0
Carbon tetrachloride	Ave	0.6488	0.7419		11.4	10.0	14.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-84069/2 Calibration Date: 02/02/2015 09:38

Instrument ID: CHG.i Calib Start Date: 01/19/2015 17:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 08:44

Lab File ID: 11918_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6320	0.6956		11.0	10.0	10.1	30.0
2,2,4-Trimethylpentane	Ave	1.028	1.149		11.2	10.0	11.8	30.0
1,2-Dichloroethane	Ave	0.4467	0.4945		11.1	10.0	10.7	30.0
n-Heptane	Ave	0.4507	0.5041		11.2	10.0	11.8	30.0
n-Butanol	Ave	0.0993	0.1086		10.9	10.0	9.3	30.0
Trichloroethene	Ave	0.3537	0.3785		10.7	10.0	7.0	30.0
1,2-Dichloropropane	Ave	0.2690	0.3014		11.2	10.0	12.0	30.0
Methyl methacrylate	Ave	0.2039	0.2135		10.5	10.0	4.7	30.0
1,4-Dioxane	Ave	0.0930	0.1030		11.1	10.0	10.7	30.0
Dibromomethane	Ave	0.3058	0.3548		11.6	10.0	16.0	30.0
Bromodichloromethane	Ave	0.6541	0.7676		11.7	10.0	17.4	30.0
cis-1,3-Dichloropropene	Ave	0.4162	0.4899		11.8	10.0	17.7	30.0
methyl isobutyl ketone	Ave	0.6443	0.7302		11.3	10.0	13.3	30.0
Toluene	Ave	0.4600	0.4915		10.7	10.0	6.9	30.0
n-Octane	Ave	0.6879	0.7766		11.3	10.0	12.9	30.0
trans-1,3-Dichloropropene	Ave	0.4565	0.5278		11.6	10.0	15.6	30.0
1,1,2-Trichloroethane	Ave	0.2575	0.2761		10.7	10.0	7.2	30.0
Tetrachloroethene	Ave	0.4519	0.4929		10.9	10.0	9.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6075	0.6660		11.0	10.0	9.6	30.0
Dibromochloromethane	Ave	0.5939	0.6735		11.3	10.0	13.4	30.0
1,2-Dibromoethane	Ave	0.4559	0.4993		11.0	10.0	9.5	30.0
Chlorobenzene	Ave	0.6254	0.6689		10.7	10.0	6.9	30.0
Ethylbenzene	Ave	1.033	1.091		10.6	10.0	5.6	30.0
n-Nonane	Ave	0.5197	0.5581		10.7	10.0	7.4	30.0
m,p-Xylene	Ave	0.4002	0.4156		20.8	20.0	3.8	30.0
Xylene, o-	Ave	0.4000	0.4219		10.5	10.0	5.5	30.0
Styrene	Ave	0.5500	0.5912		10.7	10.0	7.5	30.0
Bromoform	Ave	0.5846	0.6853		11.7	10.0	17.2	30.0
Cumene	Ave	1.141	1.216		10.6	10.0	6.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6431	0.6914		10.7	10.0	7.5	30.0
n-Propylbenzene	Ave	1.425	1.524		10.7	10.0	7.0	30.0
1,2,3-Trichloropropane	Ave	0.5614	0.5763		10.3	10.0	2.7	30.0
2-Chlorotoluene	Ave	1.040	1.125		10.8	10.0	8.1	30.0
4-Ethyltoluene	Ave	1.123	1.206		10.7	10.0	7.3	30.0
n-Decane	Ave	0.6527	0.6658		10.2	10.0	2.0	30.0
1,3,5-Trimethylbenzene	Ave	0.9488	0.998		10.5	10.0	5.2	30.0
Alpha Methyl Styrene	Ave	0.4436	0.4746		10.7	10.0	7.0	30.0
tert-Butylbenzene	Ave	0.8879	0.9314		10.5	10.0	4.9	30.0
1,2,4-Trimethylbenzene	Ave	0.9487	0.9781		10.3	10.0	3.1	30.0
sec-Butylbenzene	Ave	1.335	1.407		10.5	10.0	5.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-84069/2 Calibration Date: 02/02/2015 09:38

Instrument ID: CHG.i Calib Start Date: 01/19/2015 17:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/20/2015 08:44

Lab File ID: 11918_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.115	1.171		10.5	10.0	5.1	30.0
1,3-Dichlorobenzene	Ave	0.6758	0.7096		10.5	10.0	5.0	30.0
1,4-Dichlorobenzene	Ave	0.6494	0.6868		10.6	10.0	5.8	30.0
Benzyl chloride	Ave	0.8347	0.9090		10.9	10.0	8.9	30.0
n-Butylbenzene	Ave	1.039	1.119		10.8	10.0	7.7	30.0
n-Undecane	Ave	0.6396	0.6242		9.76	10.0	-2.4	30.0
1,2-Dichlorobenzene	Ave	0.6301	0.6586		10.5	10.0	4.5	30.0
n-Dodecane	Ave	0.4487	0.5200		11.6	10.0	15.9	30.0
1,2,4-Trichlorobenzene	Ave	0.4733	0.5116		10.8	10.0	8.1	30.0
Hexachlorobutadiene	Ave	0.4790	0.5363		11.2	10.0	12.0	30.0
Naphthalene	Ave	0.9253	0.9651		10.4	10.0	4.3	30.0
1,2,3-Trichlorobenzene	Ave	0.4000	0.4664		11.7	10.0	16.6	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_02.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Feb-2015 09:38:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011918-002
Misc. Info.: ccvis
Operator ID: bpl Instrument ID: CHG.i
Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 03-Feb-2015 09:43:15 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK021

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.758	2.758	0.000	97	394508	10.0	10.2	
2 Dichlorodifluoromethane	85	2.827	2.827	0.000	99	1483613	10.0	11.0	
3 Chlorodifluoromethane	51	2.881	2.881	0.000	97	840628	10.0	10.6	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.095	3.095	0.000	97	1117314	10.0	11.3	
5 Chloromethane	50	3.223	3.223	0.000	99	400042	10.0	10.2	
6 Butane	43	3.426	3.426	0.000	95	588648	10.0	10.1	
7 Vinyl chloride	62	3.469	3.469	0.000	98	404703	10.0	9.93	
8 Butadiene	54	3.549	3.549	0.000	92	285374	10.0	10.5	
9 Bromomethane	94	4.229	4.229	0.000	97	417376	10.0	11.1	
10 Chloroethane	64	4.480	4.480	0.000	95	152342	10.0	10.2	
11 2-Methylbutane	43	4.566	4.566	0.000	91	397071	10.0	10.4	
12 Vinyl bromide	106	4.881	4.881	0.000	97	403280	10.0	11.6	
13 Trichlorofluoromethane	101	4.994	4.994	0.000	98	1325290	10.0	11.3	
14 Pentane	43	5.149	5.149	0.000	91	613097	10.0	10.6	
15 Ethanol	45	5.614	5.614	0.000	95	216841	15.0	15.5	
16 Ethyl ether	59	5.705	5.705	0.000	88	190407	10.0	10.2	
17 BFB									
18 Acrolein	56	6.074	6.074	0.000	97	90052	10.0	10.7	
19 1,1,2-Trichloro-1,2,2-trif	101	6.123	6.123	0.000	95	747377	10.0	10.7	
20 1,1-Dichloroethene	96	6.155	6.155	0.000	93	326445	10.0	10.9	
21 Acetone	43	6.401	6.401	0.000	82	604872	10.0	9.49	
22 Carbon disulfide	76	6.529	6.529	0.000	98	1026512	10.0	11.2	
23 Isopropyl alcohol	45	6.743	6.743	0.000	97	461730	10.0	10.4	
24 3-Chloro-1-propene	41	6.968	6.968	0.000	82	520034	10.0	10.3	
25 Acetonitrile	41	7.091	7.091	0.000	97	259314	10.0	10.4	
26 Methylene Chloride	49	7.267	7.267	0.000	94	513263	10.0	10.2	
27 2-Methyl-2-propanol	59	7.546	7.546	0.000	98	601516	10.0	10.6	
28 Methyl tert-butyl ether	73	7.711	7.711	0.000	95	881852	10.0	10.3	
29 trans-1,2-Dichloroethene	61	7.727	7.727	0.000	98	586783	10.0	10.6	
30 Acrylonitrile	53	7.872	7.872	0.000	92	213203	10.0	10.2	
31 Hexane	57	8.150	8.150	0.000	87	458402	10.0	10.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 1,1-Dichloroethane	63	8.615	8.615	0.000	99	724604	10.0	10.3	
33 Vinyl acetate	43	8.722	8.722	0.000	99	989199	10.0	9.96	
34 cis-1,2-Dichloroethene	96	9.744	9.744	0.000	91	391105	10.0	10.8	
35 2-Butanone (MEK)	72	9.814	9.814	0.000	99	130671	10.0	9.00	
36 Ethyl acetate	88	9.867	9.867	0.000	98	15803	10.0	9.26	
S 37 1,2-Dichloroethene, Total	61				0		20.0	21.4	
* 38 Chlorobromomethane	128	10.210	10.210	0.000	96	330151	10.0	10.0	
39 Tetrahydrofuran	42	10.231	10.231	0.000	90	406143	10.0	10.4	
40 Chloroform	83	10.359	10.359	0.000	96	981582	10.0	10.8	
41 Cyclohexane	84	10.611	10.611	0.000	95	436381	10.0	11.1	
42 1,1,1-Trichloroethane	97	10.627	10.627	0.000	97	1066773	10.0	11.3	
43 Carbon tetrachloride	117	10.884	10.884	0.000	96	1226517	10.0	11.4	
44 Benzene	78	11.344	11.344	0.000	97	1150027	10.0	11.0	
45 Isooctane	57	11.349	11.349	0.000	96	1899600	10.0	11.2	
46 1,2-Dichloroethane	62	11.526	11.526	0.000	98	817550	10.0	11.1	
47 n-Heptane	43	11.750	11.750	0.000	95	833430	10.0	11.2	
* 48 1,4-Difluorobenzene	114	12.205	12.205	0.000	96	1653502	10.0	10.0	
49 n-Butanol	56	12.633	12.633	0.000	96	179572	10.0	10.9	
50 Trichloroethene	95	12.665	12.665	0.000	94	625692	10.0	10.7	
A 51 GRO	1	12.954	(4.556-21.352)		0	196597896	10.0	0	
52 1,2-Dichloropropane	63	13.216	13.216	0.000	79	498210	10.0	11.2	
53 Methyl methacrylate	69	13.425	13.425	0.000	89	353002	10.0	10.5	
54 1,4-Dioxane	88	13.457	13.457	0.000	45	170296	10.0	11.1	
55 Dibromomethane	174	13.462	13.462	0.000	92	586467	10.0	11.6	
56 Dichlorobromomethane	83	13.778	13.778	0.000	98	1268944	10.0	11.7	
A 57 TVOC as Toluene	1	14.642	(2.748-26.536)		0	304316280	10.0	0	
58 cis-1,3-Dichloropropene	75	14.768	14.768	0.000	95	809832	10.0	11.8	
59 4-Methyl-2-pentanone (MIBK	43	15.089	15.089	0.000	99	1207196	10.0	11.3	
A 60 Toluene Range	1	15.388	(15.348-15.428)		0	3923121	NC	NC	
61 Toluene	92	15.388	15.388	0.000	93	893913	10.0	10.7	
62 n-Octane	43	15.490	15.490	0.000	95	1283771	10.0	11.3	
A 63 C8 Range	1	15.490	(15.440-15.540)		0	4647101	NC	NC	
64 trans-1,3-Dichloropropene	75	16.009	16.009	0.000	93	872538	10.0	11.6	
65 1,1,2-Trichloroethane	83	16.383	16.383	0.000	90	502168	10.0	10.7	
66 Tetrachloroethene	166	16.506	16.506	0.000	92	896479	10.0	10.9	
67 2-Hexanone	43	16.875	16.875	0.000	96	1211290	10.0	11.0	
68 Chlorodibromomethane	129	17.164	17.164	0.000	96	1224894	10.0	11.3	
69 Ethylene Dibromide	107	17.432	17.432	0.000	97	908183	10.0	11.0	
* 70 Chlorobenzene-d5	117	18.363	18.363	0.000	91	1819121	10.0	10.0	
71 Chlorobenzene	112	18.421	18.421	0.000	90	1216476	10.0	10.7	
72 Ethylbenzene	91	18.593	18.593	0.000	99	1983483	10.0	10.6	
73 n-Nonane	57	18.759	18.759	0.000	93	1014968	10.0	10.7	
74 m-Xylene & p-Xylene	106	18.849	18.849	0.000	0	1511718	20.0	20.8	
75 o-Xylene	106	19.700	19.700	0.000	92	767292	10.0	10.5	
76 Styrene	104	19.748	19.748	0.000	93	1075312	10.0	10.7	
S 77 Xylenes, Total	106				0		30.0	31.3	
78 Bromoform	173	20.165	20.165	0.000	94	1246344	10.0	11.7	
79 Isopropylbenzene	105	20.406	20.406	0.000	98	2211066	10.0	10.6	
* 80 4-Bromofluorobenzene	95	20.770	20.770	0.000	90	1419963	10.0	10.0	
81 1,1,2,2-Tetrachloroethane	83	21.054	21.054	0.000	95	1257530	10.0	10.7	
82 N-Propylbenzene	91	21.139	21.139	0.000	98	2772055	10.0	10.7	
83 1,2,3-Trichloropropane	75	21.150	21.150	0.000	95	1048153	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
84 2-Chlorotoluene	91	21.332	21.332	0.000	94	2046365	10.0	10.8	
85 4-Ethyltoluene	105	21.332	21.332	0.000	97	2193167	10.0	10.7	
86 n-Decane	57	21.342	21.342	0.000	93	1210980	10.0	10.2	
87 1,3,5-Trimethylbenzene	105	21.444	21.444	0.000	92	1814634	10.0	10.5	
88 Alpha Methyl Styrene	118	21.808	21.808	0.000	86	863207	10.0	10.7	
89 tert-Butylbenzene	119	21.936	21.936	0.000	89	1693913	10.0	10.5	
90 1,2,4-Trimethylbenzene	105	22.027	22.027	0.000	99	1778865	10.0	10.3	
91 sec-Butylbenzene	105	22.263	22.263	0.000	97	2559667	10.0	10.5	
92 4-Isopropyltoluene	119	22.466	22.466	0.000	96	2130179	10.0	10.5	
93 1,3-Dichlorobenzene	146	22.482	22.482	0.000	93	1290498	10.0	10.5	
94 1,4-Dichlorobenzene	146	22.616	22.616	0.000	92	1249061	10.0	10.6	
95 Benzyl chloride	91	22.808	22.808	0.000	96	1653248	10.0	10.9	
96 n-Butylbenzene	91	23.033	23.033	0.000	97	2035510	10.0	10.8	
97 Undecane	57	23.076	23.076	0.000	91	1135278	10.0	9.76	
98 1,2-Dichlorobenzene	146	23.140	23.140	0.000	93	1197919	10.0	10.5	
99 Dodecane	57	24.632	24.632	0.000	89	945663	10.0	11.6	
100 1,2,4-Trichlorobenzene	180	25.595	25.595	0.000	94	930548	10.0	10.8	
101 Hexachlorobutadiene	225	25.793	25.793	0.000	92	975470	10.0	11.2	
102 Naphthalene	128	26.066	26.066	0.000	99	1755261	10.0	10.4	
103 1,2,3-Trichlorobenzene	180	26.526	26.526	0.000	93	848306	10.0	11.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL4w_00420	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

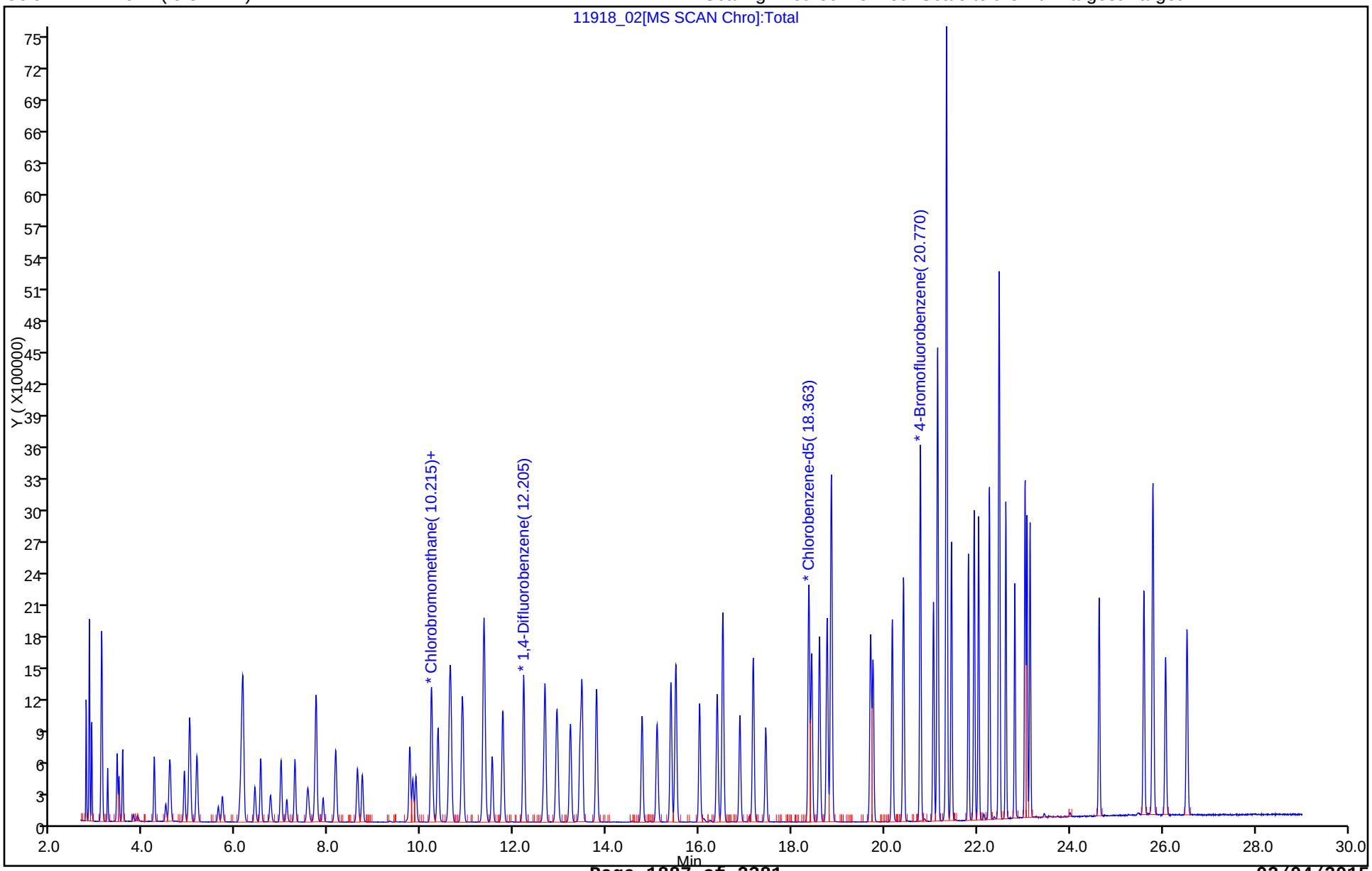
Report Date: 03-Feb-2015 09:43:15 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_02.D

Injection Date:	02-Feb-2015 09:38:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-83750/15 Calibration Date: 01/23/2015 22:02

Instrument ID: CHW.i Calib Start Date: 01/23/2015 13:46

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/23/2015 19:33

Lab File ID: 11767_015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6609	0.6167		9.33	10.0	-6.7	30.0
Dichlorodifluoromethane	Ave	2.767	2.800		10.1	10.0	1.2	30.0
Freon 22	Ave	1.336	1.343		10.1	10.0	0.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.860	3.331		11.6	10.0	16.5	30.0
Chloromethane	Ave	0.8090	0.7841		9.69	10.0	-3.1	30.0
n-Butane	Ave	1.324	1.301		9.82	10.0	-1.8	30.0
Vinyl chloride	Ave	1.050	1.079		10.3	10.0	2.8	30.0
1,3-Butadiene	Ave	0.7373	0.7511		10.2	10.0	1.9	30.0
Bromomethane	Ave	1.274	1.331		10.4	10.0	4.5	30.0
Chloroethane	Ave	0.5692	0.5858		10.3	10.0	2.9	30.0
Isopentane	Ave	0.9396	1.023		10.9	10.0	8.9	30.0
Bromoethene(Vinyl Bromide)	Ave	1.271	1.339		10.5	10.0	5.3	30.0
Trichlorofluoromethane	Ave	2.675	2.796		10.5	10.0	4.5	30.0
n-Pentane	Ave	1.356	1.510		11.1	10.0	11.4	30.0
Ethanol	Ave	0.2891	0.2622		13.6	15.0	-9.3	30.0
Ethyl ether	Ave	0.6038	0.7026		11.6	10.0	16.4	30.0
Acrolein	Ave	0.2905	0.3812		13.1	10.0	31.2*	30.0
Freon TF	Ave	2.283	2.456		10.8	10.0	7.6	30.0
1,1-Dichloroethene	Ave	1.122	1.197		10.7	10.0	6.7	30.0
Acetone	Ave	1.178	1.117		9.48	10.0	-5.2	30.0
Carbon disulfide	Ave	2.789	3.334		12.0	10.0	19.5	30.0
Isopropyl alcohol	Ave	0.8669	0.8510		9.81	10.0	-1.8	30.0
3-Chloropropene	Ave	0.9248	0.9278		10.0	10.0	0.3	30.0
Acetonitrile	Ave	0.5367	0.5984		11.1	10.0	11.5	30.0
Methylene Chloride	Ave	0.9128	0.9137		10.0	10.0	0.1	30.0
tert-Butyl alcohol	Ave	1.310	1.354		10.3	10.0	3.4	30.0
Methyl tert-butyl ether	Ave	2.614	2.795		10.7	10.0	6.9	30.0
trans-1,2-Dichloroethene	Ave	1.251	1.425		11.4	10.0	13.9	30.0
Acrylonitrile	Ave	0.6295	0.6949		11.0	10.0	10.4	30.0
n-Hexane	Ave	1.356	1.566		11.6	10.0	15.6	30.0
1,1-Dichloroethane	Ave	1.628	1.767		10.9	10.0	8.6	30.0
Vinyl acetate	Ave	1.951	2.018		10.3	10.0	3.4	30.0
cis-1,2-Dichloroethene	Ave	1.272	1.347		10.6	10.0	5.9	30.0
Methyl Ethyl Ketone	Ave	0.5874	0.5632		9.59	10.0	-4.1	30.0
Ethyl acetate	Ave	0.1000	0.1116		11.2	10.0	11.6	30.0
Tetrahydrofuran	Ave	0.1908	0.2016		10.6	10.0	5.6	30.0
Chloroform	Ave	2.043	2.180		10.7	10.0	6.7	30.0
Cyclohexane	Ave	0.3415	0.3905		11.4	10.0	14.3	30.0
1,1,1-Trichloroethane	Ave	0.4704	0.5174		11.0	10.0	10.0	30.0
Carbon tetrachloride	Ave	0.4950	0.5729		11.6	10.0	15.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-83750/15 Calibration Date: 01/23/2015 22:02

Instrument ID: CHW.i Calib Start Date: 01/23/2015 13:46

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/23/2015 19:33

Lab File ID: 11767_015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9669	1.074		11.1	10.0	11.0	30.0
Benzene	Ave	0.7486	0.8107		10.8	10.0	8.3	30.0
1,2-Dichloroethane	Ave	0.2354	0.2550		10.8	10.0	8.3	30.0
n-Heptane	Ave	0.3053	0.3331		10.9	10.0	9.1	30.0
n-Butanol	Ave	0.0939	0.1038		11.0	10.0	10.5	30.0
Trichloroethene	Ave	0.3391	0.3722		11.0	10.0	9.7	30.0
1,2-Dichloropropane	Ave	0.2491	0.2631		10.6	10.0	5.6	30.0
Methyl methacrylate	Ave	0.2508	0.2701		10.8	10.0	7.7	30.0
1,4-Dioxane	Ave	0.1140	0.1155		10.1	10.0	1.3	30.0
Dibromomethane	Ave	0.4305	0.4606		10.7	10.0	7.0	30.0
Bromodichloromethane	Ave	0.4941	0.5255		10.6	10.0	6.4	30.0
cis-1,3-Dichloropropene	Ave	0.3715	0.4140		11.1	10.0	11.5	30.0
methyl isobutyl ketone	Ave	0.3978	0.4142		10.4	10.0	4.1	30.0
n-Octane	Ave	0.4214	0.4742		11.3	10.0	12.6	30.0
Toluene	Ave	0.6446	0.7057		10.9	10.0	9.5	30.0
trans-1,3-Dichloropropene	Ave	0.3729	0.4099		11.0	10.0	9.9	30.0
1,1,2-Trichloroethane	Ave	0.2931	0.3164		10.8	10.0	7.9	30.0
Tetrachloroethene	Ave	0.6717	0.7461		11.1	10.0	11.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4056	0.4293		10.6	10.0	5.9	30.0
Dibromochloromethane	Ave	0.7146	0.7557		10.6	10.0	5.8	30.0
1,2-Dibromoethane	Ave	0.5887	0.6436		10.9	10.0	9.3	30.0
Chlorobenzene	Ave	0.9642	1.025		10.6	10.0	6.3	30.0
Ethylbenzene	Ave	1.339	1.452		10.8	10.0	8.4	30.0
n-Nonane	Ave	0.5122	0.5620		11.0	10.0	9.7	30.0
m,p-Xylene	Ave	0.6058	0.6760		22.3	20.0	11.6	30.0
Xylene, o-	Ave	0.5878	0.6361		10.8	10.0	8.2	30.0
Styrene	Ave	0.8982	1.006		11.2	10.0	12.0	30.0
Bromoform	Ave	0.8090	0.8733		10.8	10.0	7.9	30.0
Cumene	Ave	1.609	1.753		10.9	10.0	9.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7825	0.8359		10.7	10.0	6.8	30.0
n-Propylbenzene	Ave	1.840	2.007		10.9	10.0	9.1	30.0
1,2,3-Trichloropropane	Ave	0.5779	0.5857		10.1	10.0	1.4	30.0
n-Decane	Ave	0.6875	0.7290		10.6	10.0	6.0	30.0
4-Ethyltoluene	Ave	1.647	1.834		11.1	10.0	11.3	30.0
2-Chlorotoluene	Ave	1.305	1.381		10.6	10.0	5.9	30.0
1,3,5-Trimethylbenzene	Ave	1.356	1.472		10.9	10.0	8.5	30.0
Alpha Methyl Styrene	Ave	0.7314	0.8423		11.5	10.0	15.2	30.0
tert-Butylbenzene	Ave	1.379	1.492		10.8	10.0	8.2	30.0
1,2,4-Trimethylbenzene	Ave	1.350	1.484		11.0	10.0	9.9	30.0
sec-Butylbenzene	Ave	2.012	2.202		10.9	10.0	9.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-83750/15 Calibration Date: 01/23/2015 22:02

Instrument ID: CHW.i Calib Start Date: 01/23/2015 13:46

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/23/2015 19:33

Lab File ID: 11767_015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.745	1.958		11.2	10.0	12.2	30.0
1,3-Dichlorobenzene	Ave	1.118	1.218		10.9	10.0	9.0	30.0
1,4-Dichlorobenzene	Ave	1.091	1.195		11.0	10.0	9.5	30.0
Benzyl chloride	Ave	1.013	1.132		11.2	10.0	11.8	30.0
n-Undecane	Ave	0.7699	0.8495		11.0	10.0	10.3	30.0
n-Butylbenzene	Ave	1.503	1.695		11.3	10.0	12.8	30.0
1,2-Dichlorobenzene	Ave	1.068	1.163		10.9	10.0	8.9	30.0
n-Dodecane	Ave	0.7257	0.6818		9.39	10.0	-6.0	30.0
1,2,4-Trichlorobenzene	Ave	0.8064	0.7721		9.57	10.0	-4.2	30.0
Hexachlorobutadiene	Ave	0.7848	0.8585		10.9	10.0	9.4	30.0
Naphthalene	Ave	1.533	1.252		8.17	10.0	-18.3	30.0
1,2,3-Trichlorobenzene	Ave	0.7045	0.6674		9.47	10.0	-5.3	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_015.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 23-Jan-2015 22:02:30 ALS Bottle#: 9 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011767-015
Misc. Info.: ICV
Operator ID: pad Instrument ID: CHW.i
Sublist:

Method: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jan-2015 10:25:50 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: daiglep Date: 26-Jan-2015 10:19:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.387	4.365	0.022	97	196424	10.0	9.33	
2 Dichlorodifluoromethane	85	4.478	4.456	0.022	99	891879	10.0	10.1	
6 Chlorodifluoromethane	51	4.547	4.520	0.027	97	427679	10.0	10.1	
7 1,2-Dichloro-1,1,2,2-tetra	85	4.825	4.804	0.021	92	1061071	10.0	11.6	
8 Chloromethane	50	5.018	4.996	0.022	99	249740	10.0	9.69	
9 Butane	43	5.280	5.259	0.021	98	414421	10.0	9.82	
10 Vinyl chloride	62	5.339	5.317	0.022	97	343782	10.0	10.3	
11 Butadiene	54	5.435	5.414	0.021	92	239228	10.0	10.2	
12 Bromomethane	94	6.297	6.275	0.022	99	423956	10.0	10.4	
13 BFB									
14 Chloroethane	64	6.580	6.553	0.027	98	186577	10.0	10.3	
15 2-Methylbutane	43	6.666	6.644	0.022	91	325972	10.0	10.9	
16 Vinyl bromide	106	7.051	7.035	0.016	99	426528	10.0	10.5	
17 Trichlorofluoromethane	101	7.169	7.152	0.017	98	890704	10.0	10.5	
18 Pentane	43	7.334	7.313	0.021	96	480858	10.0	11.1	
19 Ethanol	45	7.821	7.778	0.043	99	125335	15.0	13.6	
21 Ethyl ether	59	7.934	7.901	0.033	91	223793	10.0	11.6	
22 Acrolein	56	8.383	8.361	0.022	94	121408	10.0	13.1	
23 1,1,2-Trichloro-1,2,2-trif	101	8.415	8.399	0.016	95	782169	10.0	10.8	
24 1,1-Dichloroethene	96	8.485	8.468	0.017	88	381311	10.0	10.7	
25 Acetone	43	8.731	8.704	0.027	91	355619	10.0	9.48	
26 Carbon disulfide	76	8.971	8.955	0.016	98	1062049	10.0	12.0	
27 Isopropyl alcohol	45	9.052	9.009	0.043	99	271033	10.0	9.81	
29 3-Chloro-1-propene	41	9.367	9.351	0.016	90	295517	10.0	10.0	
30 Acetonitrile	41	9.506	9.479	0.027	100	190589	10.0	11.1	
31 Methylene Chloride	49	9.699	9.683	0.016	81	291005	10.0	10.0	
32 2-Methyl-2-propanol	59	9.918	9.881	0.037	99	431197	10.0	10.3	
33 Methyl tert-butyl ether	73	10.143	10.116	0.027	96	890209	10.0	10.7	
34 trans-1,2-Dichloroethene	61	10.196	10.180	0.016	85	453782	10.0	11.4	
S 41 1,2-Dichloroethene, Total	61				0		20.0	22.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Acrylonitrile	53	10.346	10.325	0.021	96	221323	10.0	11.0	
36 Hexane	57	10.608	10.592	0.016	87	498897	10.0	11.6	
37 1,1-Dichloroethane	63	11.159	11.143	0.016	99	562729	10.0	10.9	
38 Vinyl acetate	43	11.197	11.181	0.016	99	642753	10.0	10.3	
39 cis-1,2-Dichloroethene	96	12.331	12.320	0.011	94	428871	10.0	10.6	
40 2-Butanone (MEK)	72	12.352	12.336	0.016	99	179386	10.0	9.59	
42 Ethyl acetate	88	12.374	12.358	0.016	98	35551	10.0	11.2	
* 43 Chlorobromomethane	128	12.812	12.802	0.010	74	318570	10.0	10.0	
44 Tetrahydrofuran	42	12.823	12.807	0.016	87	282787	10.0	10.6	
45 Chloroform	83	12.925	12.914	0.011	99	694476	10.0	10.7	
46 Cyclohexane	84	13.219	13.208	0.011	84	547863	10.0	11.4	
47 1,1,1-Trichloroethane	97	13.230	13.219	0.011	96	725982	10.0	11.0	
48 Carbon tetrachloride	117	13.487	13.476	0.011	96	803812	10.0	11.6	
51 Isooctane	57	13.877	13.866	0.011	99	1506217	10.0	11.1	
50 Benzene	78	13.936	13.925	0.011	93	1137481	10.0	10.8	
52 1,2-Dichloroethane	62	14.096	14.086	0.010	97	357784	10.0	10.8	
53 n-Heptane	43	14.230	14.219	0.011	84	467369	10.0	10.9	
* 54 1,4-Difluorobenzene	114	14.696	14.685	0.011	91	1403343	10.0	10.0	
A 57 GRO	1	14.725	(6.634-22.816)		0	135068636	10.0	0	
55 n-Butanol	56	15.017	14.990	0.027	82	145580	10.0	11.0	
56 Trichloroethene	95	15.161	15.155	0.006	91	522170	10.0	11.0	
58 1,2-Dichloropropane	63	15.680	15.669	0.011	94	369084	10.0	10.6	
59 Methyl methacrylate	69	15.766	15.755	0.011	79	379004	10.0	10.8	
60 1,4-Dioxane	88	15.867	15.851	0.016	86	162003	10.0	10.1	
61 Dibromomethane	174	15.926	15.915	0.011	88	646312	10.0	10.7	
62 Dichlorobromomethane	83	16.172	16.167	0.005	98	737338	10.0	10.6	
A 63 TVOC as Toluene	92	16.589	(4.355-28.823)		0	237774232	10.0	2628.4	
64 cis-1,3-Dichloropropene	75	17.033	17.028	0.005	86	580904	10.0	11.1	
65 4-Methyl-2-pentanone (MIBK	43	17.269	17.258	0.011	91	581142	10.0	10.4	
A 67 Toluene Range	92	17.595	(17.555-17.635)		0	6323087	10.0	74.9	E
66 Toluene	92	17.600	17.595	0.005	93	924419	10.0	10.9	
A 68 C8 Range	1	17.595	(17.545-17.645)		0	6323087	NC	NC	
69 n-Octane	43	17.600	17.595	0.005	83	665386	10.0	11.3	
70 trans-1,3-Dichloropropene	75	18.135	18.130	0.005	92	575146	10.0	11.0	
71 1,1,2-Trichloroethane	83	18.505	18.499	0.006	94	414398	10.0	10.8	
72 Tetrachloroethene	166	18.644	18.638	0.006	94	977335	10.0	11.1	
73 2-Hexanone	43	18.895	18.884	0.011	91	562363	10.0	10.6	
74 Chlorodibromomethane	129	19.259	19.253	0.006	98	989865	10.0	10.6	
75 Ethylene Dibromide	107	19.542	19.537	0.005	99	843082	10.0	10.9	
S 82 Xylenes, Total	106				0		30.0	33.1	
* 76 Chlorobenzene-d5	117	20.388	20.382	0.006	80	1310182	10.0	10.0	
77 Chlorobenzene	112	20.447	20.441	0.006	100	1342251	10.0	10.6	
78 Ethylbenzene	91	20.559	20.553	0.006	96	1902086	10.0	10.8	
79 n-Nonane	57	20.618	20.612	0.006	83	736232	10.0	11.0	
80 m-Xylene & p-Xylene	106	20.778	20.773	0.005	97	1771014	20.0	22.3	
83 o-Xylene	106	21.495	21.490	0.005	96	833184	10.0	10.8	
84 Styrene	104	21.533	21.532	0.000	98	1317862	10.0	11.2	
85 Bromoform	173	21.918	21.912	0.006	99	1143946	10.0	10.8	
86 Isopropylbenzene	105	22.062	22.057	0.005	93	2296941	10.0	10.9	
$ 87 4-Bromofluorobenzene	95	22.399	22.399	0.000	97	824075	NC	NC	
88 1,1,2,2-Tetrachloroethane	83	22.624	22.624	0.000	98	1094916	10.0	10.7	
90 N-Propylbenzene	91	22.693	22.693	0.000	99	2629531	10.0	10.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75	22.725	22.720	0.005	93	767190	10.0	10.1	
93 n-Decane	57	22.811	22.806	0.005	82	954988	10.0	10.6	
91 4-Ethyltoluene	105	22.865	22.859	0.006	97	2401789	10.0	11.1	
92 2-Chlorotoluene	91	22.897	22.897	0.001	93	1809406	10.0	10.6	
94 1,3,5-Trimethylbenzene	105	22.956	22.950	0.006	95	1927866	10.0	10.9	
95 Alpha Methyl Styrene	118	23.303	23.303	0.000	93	1103371	10.0	11.5	
96 tert-Butylbenzene	119	23.432	23.426	0.006	96	1954606	10.0	10.8	
97 1,2,4-Trimethylbenzene	105	23.523	23.522	0.001	95	1943998	10.0	11.0	
98 sec-Butylbenzene	105	23.758	23.758	0.000	99	2884667	10.0	10.9	
99 4-Isopropyltoluene	119	23.961	23.961	0.000	97	2564767	10.0	11.2	
100 1,3-Dichlorobenzene	146	24.036	24.031	0.005	99	1595944	10.0	10.9	
101 1,4-Dichlorobenzene	146	24.181	24.175	0.006	97	1565358	10.0	11.0	
102 Benzyl chloride	91	24.384	24.384	0.000	99	1482953	10.0	11.2	
104 Undecane	57	24.576	24.571	0.005	90	1112778	10.0	11.0	
103 n-Butylbenzene	91	24.598	24.592	0.006	97	2220159	10.0	11.3	
105 1,2-Dichlorobenzene	146	24.785	24.780	0.005	100	1523581	10.0	10.9	
106 Dodecane	57	26.369	26.368	0.001	92	893134	10.0	9.39	
107 1,2,4-Trichlorobenzene	180	27.663	27.663	0.000	93	1011442	10.0	9.57	
108 Hexachlorobutadiene	225	27.867	27.861	0.006	98	1124594	10.0	10.9	
109 Naphthalene	128	28.241	28.246	-0.005	99	1640162	10.0	8.17	
110 1,2,3-Trichlorobenzene	180	28.808	28.813	-0.005	95	874235	10.0	9.47	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

ATTO15LCSW_00455	Amount Added: 200.00	Units: mL	
ATTO15WISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

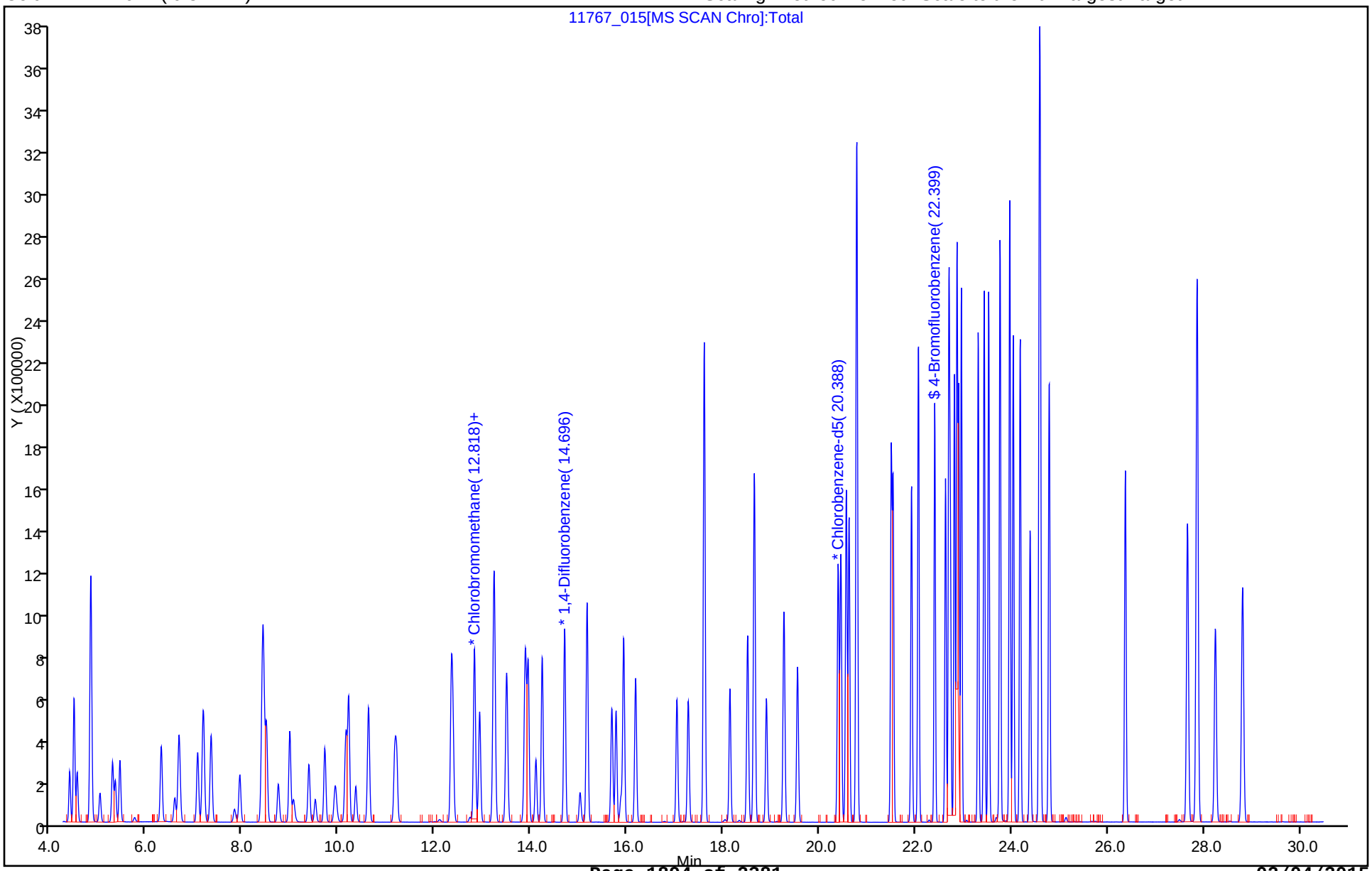
Report Date: 26-Jan-2015 10:26:05 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_015.d

Injection Date:	23-Jan-2015 22:02:30	Instrument ID:	CHW.i	Operator ID:	pad
Lims ID:	ICV			Worklist Smp#:	15
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-83982/2 Calibration Date: 01/29/2015 11:29

Instrument ID: CHW.i Calib Start Date: 01/23/2015 13:46

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/23/2015 19:33

Lab File ID: 11878_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6609	0.6035		9.13	10.0	-8.7	30.0
Dichlorodifluoromethane	Ave	2.767	2.536		9.16	10.0	-8.4	30.0
Freon 22	Ave	1.336	1.280		9.58	10.0	-4.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.860	2.638		9.22	10.0	-7.8	30.0
Chloromethane	Ave	0.8090	0.7594		9.39	10.0	-6.1	30.0
n-Butane	Ave	1.324	1.189		8.98	10.0	-10.2	30.0
Vinyl chloride	Ave	1.050	1.007		9.60	10.0	-4.0	30.0
1,3-Butadiene	Ave	0.7373	0.7052		9.56	10.0	-4.3	30.0
Bromomethane	Ave	1.274	1.219		9.57	10.0	-4.3	30.0
Chloroethane	Ave	0.5692	0.5288		9.29	10.0	-7.1	30.0
Isopentane	Ave	0.9396	0.8547		9.09	10.0	-9.0	30.0
Bromoethene(Vinyl Bromide)	Ave	1.271	1.196		9.41	10.0	-5.9	30.0
Trichlorofluoromethane	Ave	2.675	2.624		9.81	10.0	-1.9	30.0
n-Pentane	Ave	1.356	1.281		9.44	10.0	-5.5	30.0
Ethanol	Ave	0.2891	0.2913		15.1	15.0	0.8	30.0
Ethyl ether	Ave	0.6038	0.5366		8.89	10.0	-11.1	30.0
Acrolein	Ave	0.2905	0.2592		8.92	10.0	-10.8	30.0
Freon TF	Ave	2.283	2.109		9.24	10.0	-7.6	30.0
1,1-Dichloroethene	Ave	1.122	1.018		9.07	10.0	-9.3	30.0
Acetone	Ave	1.178	1.006		8.54	10.0	-14.6	30.0
Carbon disulfide	Ave	2.789	2.621		9.39	10.0	-6.0	30.0
Isopropyl alcohol	Ave	0.8669	0.8151		9.40	10.0	-6.0	30.0
3-Chloropropene	Ave	0.9248	0.8536		9.23	10.0	-7.7	30.0
Acetonitrile	Ave	0.5367	0.4939		9.20	10.0	-8.0	30.0
Methylene Chloride	Ave	0.9128	0.8674		9.50	10.0	-5.0	30.0
tert-Butyl alcohol	Ave	1.310	1.186		9.05	10.0	-9.5	30.0
Methyl tert-butyl ether	Ave	2.614	2.333		8.93	10.0	-10.7	30.0
trans-1,2-Dichloroethene	Ave	1.251	1.213		9.69	10.0	-3.0	30.0
Acrylonitrile	Ave	0.6295	0.5632		8.95	10.0	-10.5	30.0
n-Hexane	Ave	1.356	1.280		9.44	10.0	-5.6	30.0
1,1-Dichloroethane	Ave	1.628	1.598		9.82	10.0	-1.8	30.0
Vinyl acetate	Ave	1.951	1.765		9.04	10.0	-9.5	30.0
cis-1,2-Dichloroethene	Ave	1.272	1.135		8.92	10.0	-10.8	30.0
Methyl Ethyl Ketone	Ave	0.5874	0.4905		8.35	10.0	-16.5	30.0
Ethyl acetate	Ave	0.1000	0.0824		8.24	10.0	-17.6	30.0
Tetrahydrofuran	Ave	0.1908	0.1748		9.16	10.0	-8.4	30.0
Chloroform	Ave	2.043	1.939		9.49	10.0	-5.1	30.0
Cyclohexane	Ave	0.3415	0.3100		9.08	10.0	-9.2	30.0
1,1,1-Trichloroethane	Ave	0.4704	0.4333		9.21	10.0	-7.9	30.0
Carbon tetrachloride	Ave	0.4950	0.4664		9.42	10.0	-5.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-83982/2 Calibration Date: 01/29/2015 11:29

Instrument ID: CHW.i Calib Start Date: 01/23/2015 13:46

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/23/2015 19:33

Lab File ID: 11878_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9669	0.9119		9.43	10.0	-5.7	30.0
Benzene	Ave	0.7486	0.7016		9.37	10.0	-6.3	30.0
1,2-Dichloroethane	Ave	0.2354	0.2254		9.57	10.0	-4.2	30.0
n-Heptane	Ave	0.3053	0.2929		9.59	10.0	-4.1	30.0
n-Butanol	Ave	0.0939	0.0831		8.84	10.0	-11.5	30.0
Trichloroethene	Ave	0.3391	0.3093		9.12	10.0	-8.8	30.0
1,2-Dichloropropane	Ave	0.2491	0.2357		9.46	10.0	-5.4	30.0
Methyl methacrylate	Ave	0.2508	0.2335		9.30	10.0	-6.9	30.0
1,4-Dioxane	Ave	0.1140	0.0999		8.77	10.0	-12.3	30.0
Dibromomethane	Ave	0.4305	0.3360		7.80	10.0	-21.9	30.0
Bromodichloromethane	Ave	0.4941	0.4636		9.38	10.0	-6.2	30.0
cis-1,3-Dichloropropene	Ave	0.3715	0.3402		9.16	10.0	-8.4	30.0
methyl isobutyl ketone	Ave	0.3978	0.3949		9.92	10.0	-0.7	30.0
n-Octane	Ave	0.4214	0.4411		10.5	10.0	4.7	30.0
Toluene	Ave	0.6446	0.5716		8.87	10.0	-11.3	30.0
trans-1,3-Dichloropropene	Ave	0.3729	0.3638		9.75	10.0	-2.5	30.0
1,1,2-Trichloroethane	Ave	0.2931	0.2651		9.04	10.0	-9.6	30.0
Tetrachloroethene	Ave	0.6717	0.5120		7.62	10.0	-23.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4056	0.3923		9.67	10.0	-3.3	30.0
Dibromochloromethane	Ave	0.7146	0.6254		8.75	10.0	-12.5	30.0
1,2-Dibromoethane	Ave	0.5887	0.5215		8.86	10.0	-11.4	30.0
Chlorobenzene	Ave	0.9642	0.8334		8.64	10.0	-13.6	30.0
Ethylbenzene	Ave	1.339	1.243		9.27	10.0	-7.2	30.0
n-Nonane	Ave	0.5122	0.5053		9.86	10.0	-1.4	30.0
m,p-Xylene	Ave	0.6058	0.5810		19.2	20.0	-4.1	30.0
Xylene, o-	Ave	0.5878	0.5483		9.33	10.0	-6.7	30.0
Styrene	Ave	0.8982	0.8814		9.81	10.0	-1.9	30.0
Bromoform	Ave	0.8090	0.7237		8.94	10.0	-10.5	30.0
Cumene	Ave	1.609	1.586		9.86	10.0	-1.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7825	0.7877		10.1	10.0	0.7	30.0
n-Propylbenzene	Ave	1.840	1.899		10.3	10.0	3.2	30.0
1,2,3-Trichloropropane	Ave	0.5779	0.5740		9.93	10.0	-0.7	30.0
n-Decane	Ave	0.6875	0.7073		10.3	10.0	2.9	30.0
4-Ethyltoluene	Ave	1.647	1.674		10.2	10.0	1.6	30.0
2-Chlorotoluene	Ave	1.305	1.307		10.0	10.0	0.2	30.0
1,3,5-Trimethylbenzene	Ave	1.356	1.369		10.1	10.0	0.9	30.0
Alpha Methyl Styrene	Ave	0.7314	0.7516		10.3	10.0	2.8	30.0
tert-Butylbenzene	Ave	1.379	1.396		10.1	10.0	1.3	30.0
1,2,4-Trimethylbenzene	Ave	1.350	1.422		10.5	10.0	5.3	30.0
sec-Butylbenzene	Ave	2.012	2.146		10.7	10.0	6.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-83982/2 Calibration Date: 01/29/2015 11:29

Instrument ID: CHW.i Calib Start Date: 01/23/2015 13:46

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/23/2015 19:33

Lab File ID: 11878_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.745	1.857		10.6	10.0	6.4	30.0
1,3-Dichlorobenzene	Ave	1.118	1.117		9.98	10.0	-0.1	30.0
1,4-Dichlorobenzene	Ave	1.091	1.092		10.0	10.0	0.0	30.0
Benzyl chloride	Ave	1.013	1.157		11.4	10.0	14.2	30.0
n-Undecane	Ave	0.7699	0.8662		11.2	10.0	12.5	30.0
n-Butylbenzene	Ave	1.503	1.730		11.5	10.0	15.1	30.0
1,2-Dichlorobenzene	Ave	1.068	1.067		10.0	10.0	-0.0	30.0
n-Dodecane	Ave	0.7257	0.7618		10.5	10.0	5.0	30.0
1,2,4-Trichlorobenzene	Ave	0.8064	0.7479		9.27	10.0	-7.3	30.0
Hexachlorobutadiene	Ave	0.7848	0.6777		8.63	10.0	-13.7	30.0
Naphthalene	Ave	1.533	1.579		10.3	10.0	3.0	30.0
1,2,3-Trichlorobenzene	Ave	0.7045	0.6797		9.65	10.0	-3.5	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_002.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Jan-2015 11:29:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011878-002
Misc. Info.: CCVIS
Operator ID: bpl Instrument ID: CHW.i
Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2

Method: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 09:12:03 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.387	4.387	0.000	97	135291	10.0	9.13	
2 Dichlorodifluoromethane	85	4.478	4.478	0.000	88	568511	10.0	9.16	
3 Chlorodifluoromethane	51	4.547	4.547	0.000	55	287042	10.0	9.58	
4 1,2-Dichloro-1,1,2,2-tetra	85	4.836	4.836	0.000	90	591462	10.0	9.22	
5 Chloromethane	50	5.023	5.023	0.000	88	170257	10.0	9.39	
6 Butane	43	5.291	5.291	0.000	98	266562	10.0	8.98	
7 Vinyl chloride	62	5.344	5.344	0.000	73	225840	10.0	9.60	
8 Butadiene	54	5.446	5.446	0.000	91	158106	10.0	9.56	
10 BFB									
9 Bromomethane	94	6.307	6.307	0.000	99	273328	10.0	9.57	
11 Chloroethane	64	6.596	6.596	0.000	95	118543	10.0	9.29	
12 2-Methylbutane	43	6.682	6.682	0.000	93	191600	10.0	9.09	
13 Vinyl bromide	106	7.072	7.072	0.000	91	268123	10.0	9.41	
14 Trichlorofluoromethane	101	7.185	7.185	0.000	87	588177	10.0	9.81	
16 Pentane	43	7.350	7.350	0.000	96	287074	10.0	9.44	
17 Ethanol	45	7.853	7.853	0.000	98	98009	15.0	15.1	
18 Ethyl ether	59	7.950	7.950	0.000	86	120293	10.0	8.89	
19 Acrolein	56	8.399	8.399	0.000	40	58098	10.0	8.92	
20 1,1,2-Trichloro-1,2,2-trif	101	8.431	8.431	0.000	98	472913	10.0	9.24	
21 1,1-Dichloroethene	96	8.501	8.501	0.000	82	228286	10.0	9.07	
22 Acetone	43	8.752	8.752	0.000	90	225524	10.0	8.54	
23 Carbon disulfide	76	8.987	8.987	0.000	98	587506	10.0	9.39	
24 Isopropyl alcohol	45	9.078	9.078	0.000	88	182738	10.0	9.40	
25 3-Chloro-1-propene	41	9.383	9.383	0.000	86	191369	10.0	9.23	
26 Acetonitrile	41	9.522	9.522	0.000	99	110725	10.0	9.20	
27 Methylene Chloride	49	9.715	9.715	0.000	79	194459	10.0	9.50	
28 2-Methyl-2-propanol	59	9.950	9.950	0.000	99	265833	10.0	9.05	
29 Methyl tert-butyl ether	73	10.164	10.164	0.000	97	523113	10.0	8.93	
S 30 1,2-Dichloroethene, Total	61				0		20.0	18.6	
31 trans-1,2-Dichloroethene	61	10.207	10.207	0.000	79	271981	10.0	9.69	
32 Acrylonitrile	53	10.362	10.362	0.000	96	126269	10.0	8.95	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Hexane	57	10.624	10.624	0.000	88	286863	10.0	9.44	
34 1,1-Dichloroethane	63	11.170	11.170	0.000	94	358208	10.0	9.82	
35 Vinyl acetate	43	11.213	11.213	0.000	99	395623	10.0	9.04	
37 cis-1,2-Dichloroethene	96	12.342	12.342	0.000	87	254378	10.0	8.92	
38 2-Butanone (MEK)	72	12.363	12.363	0.000	100	109968	10.0	8.35	
39 Ethyl acetate	88	12.390	12.390	0.000	75	18473	10.0	8.24	
* 40 Chlorobromomethane	128	12.823	12.823	0.000	74	224230	10.0	10.0	
41 Tetrahydrofuran	42	12.839	12.839	0.000	87	175710	10.0	9.16	
42 Chloroform	83	12.936	12.936	0.000	85	434750	10.0	9.49	
43 Cyclohexane	84	13.230	13.230	0.000	80	311534	10.0	9.08	
44 1,1,1-Trichloroethane	97	13.240	13.240	0.000	93	435400	10.0	9.21	
45 Carbon tetrachloride	117	13.497	13.497	0.000	89	468683	10.0	9.42	
46 Isooctane	57	13.888	13.888	0.000	99	916456	10.0	9.43	
47 Benzene	78	13.947	13.947	0.000	93	705078	10.0	9.37	
48 1,2-Dichloroethane	62	14.107	14.107	0.000	91	226504	10.0	9.57	
49 n-Heptane	43	14.241	14.241	0.000	85	294354	10.0	9.59	
* 50 1,4-Difluorobenzene	114	14.701	14.701	0.000	92	1005164	10.0	10.0	
A 51 GRO	1	14.746	(6.672-22.821)		0	88826258	10.0	0	
52 n-Butanol	56	15.038	15.038	0.000	82	83467	10.0	8.84	
53 Trichloroethene	95	15.172	15.172	0.000	90	310858	10.0	9.12	
54 1,2-Dichloropropane	63	15.685	15.685	0.000	71	236916	10.0	9.46	
55 Methyl methacrylate	69	15.771	15.771	0.000	78	234606	10.0	9.30	
56 1,4-Dioxane	88	15.872	15.872	0.000	80	100436	10.0	8.77	
57 Dibromomethane	174	15.931	15.931	0.000	93	337690	10.0	7.80	
58 Dichlorobromomethane	83	16.177	16.177	0.000	95	465891	10.0	9.38	
A 59 TVOC as Toluene	92	16.597	(4.377-28.818)		0	164025259	10.0	2531.5	
60 cis-1,3-Dichloropropene	75	17.039	17.039	0.000	82	341859	10.0	9.16	
61 4-Methyl-2-pentanone (MIBK	43	17.274	17.274	0.000	92	396884	10.0	9.92	
64 Toluene	92	17.606	17.606	0.000	93	569371	10.0	8.87	
A 65 Toluene Range	92	17.606	(17.566-17.646)		0	4048192	10.0	63.0	E
62 n-Octane	43	17.606	17.606	0.000	74	443259	10.0	10.5	
A 63 C8 Range	1	17.606	(17.556-17.656)		0	4048192	NC	NC	
66 trans-1,3-Dichloropropene	75	18.141	18.141	0.000	90	365572	10.0	9.75	
67 1,1,2-Trichloroethane	83	18.505	18.505	0.000	93	264049	10.0	9.04	
68 Tetrachloroethene	166	18.649	18.649	0.000	91	509997	10.0	7.62	
69 2-Hexanone	43	18.900	18.900	0.000	91	390774	10.0	9.67	
71 Chlorodibromomethane	129	19.264	19.264	0.000	96	622935	10.0	8.75	
72 Ethylene Dibromide	107	19.548	19.548	0.000	98	519491	10.0	8.86	
S 73 Xylenes, Total	106				0		30.0	28.5	
* 74 Chlorobenzene-d5	117	20.393	20.393	0.000	78	996317	10.0	10.0	
75 Chlorobenzene	112	20.446	20.446	0.000	92	830151	10.0	8.64	
76 Ethylbenzene	91	20.559	20.559	0.000	95	1237682	10.0	9.27	
77 n-Nonane	57	20.618	20.618	0.000	83	503322	10.0	9.86	
78 m-Xylene & p-Xylene	106	20.778	20.778	0.000	98	1157499	20.0	19.2	
79 o-Xylene	106	21.495	21.495	0.000	96	546129	10.0	9.33	
80 Styrene	104	21.532	21.532	0.000	98	878020	10.0	9.81	
81 Bromoform	173	21.918	21.918	0.000	98	720928	10.0	8.94	
82 Isopropylbenzene	105	22.062	22.062	0.000	94	1579693	10.0	9.86	
$ 83 4-Bromofluorobenzene	95	22.399	22.399	0.000	98	687669	NC	NC	
84 1,1,2,2-Tetrachloroethane	83	22.624	22.624	0.000	90	784691	10.0	10.1	
85 N-Propylbenzene	91	22.699	22.699	0.000	99	1892051	10.0	10.3	
86 1,2,3-Trichloropropane	75	22.725	22.725	0.000	87	571799	10.0	9.93	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	22.811	22.811	0.000	81	704576	10.0	10.3	
88 4-Ethyltoluene	105	22.865	22.865	0.000	84	1667507	10.0	10.2	
89 2-Chlorotoluene	91	22.902	22.902	0.000	91	1301984	10.0	10.0	
90 1,3,5-Trimethylbenzene	105	22.956	22.956	0.000	80	1363614	10.0	10.1	
91 Alpha Methyl Styrene	118	23.309	23.309	0.000	91	748721	10.0	10.3	
92 tert-Butylbenzene	119	23.432	23.432	0.000	93	1390657	10.0	10.1	
93 1,2,4-Trimethylbenzene	105	23.523	23.523	0.000	94	1416032	10.0	10.5	
94 sec-Butylbenzene	105	23.758	23.758	0.000	99	2137268	10.0	10.7	
95 4-Isopropyltoluene	119	23.961	23.961	0.000	83	1849930	10.0	10.6	
96 1,3-Dichlorobenzene	146	24.036	24.036	0.000	98	1112182	10.0	9.98	
97 1,4-Dichlorobenzene	146	24.181	24.181	0.000	97	1087561	10.0	10.0	
98 Benzyl chloride	91	24.384	24.384	0.000	100	1152502	10.0	11.4	
99 Undecane	57	24.576	24.576	0.000	91	862851	10.0	11.2	
100 n-Butylbenzene	91	24.598	24.598	0.000	97	1723383	10.0	11.5	
101 1,2-Dichlorobenzene	146	24.785	24.785	0.000	99	1063318	10.0	10.0	
102 Dodecane	57	26.369	26.369	0.000	92	758838	10.0	10.5	
103 1,2,4-Trichlorobenzene	180	27.663	27.663	0.000	92	744974	10.0	9.27	
104 Hexachlorobutadiene	225	27.861	27.861	0.000	92	675026	10.0	8.63	
105 Naphthalene	128	28.241	28.241	0.000	99	1572777	10.0	10.3	
106 1,2,3-Trichlorobenzene	180	28.808	28.808	0.000	93	677085	10.0	9.65	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

ATTO15CAL4w_00429	Amount Added: 200.00	Units: mL	
ATTO15WISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

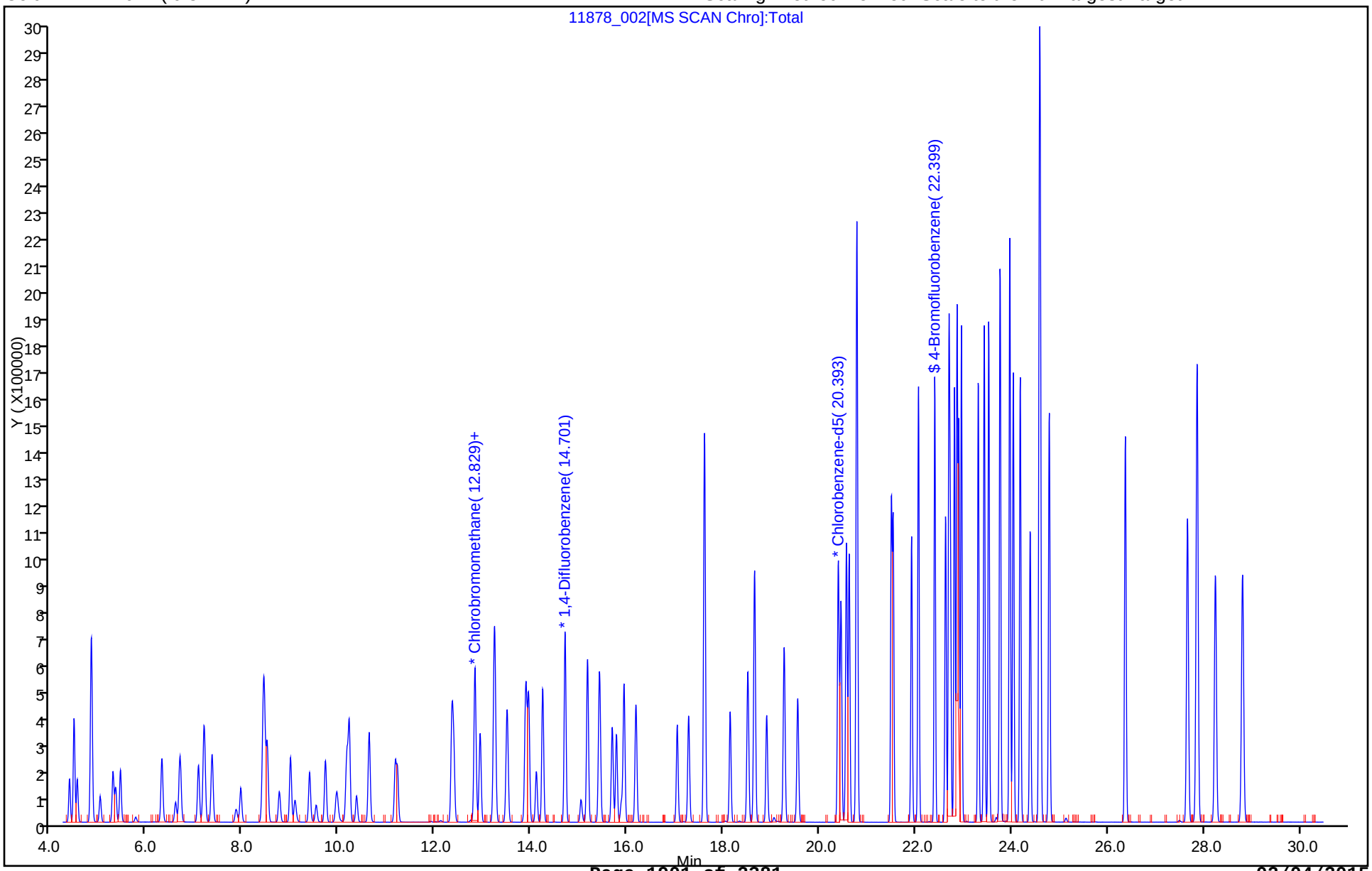
Report Date: 30-Jan-2015 09:12:04 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_002.d

Injection Date:	29-Jan-2015 11:29:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-80238/14 Calibration Date: 11/11/2014 00:16

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 10468-014.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7552	0.6640		8.79	10.0	-12.1	30.0
Dichlorodifluoromethane	Ave	2.748	2.457		8.94	10.0	-10.6	30.0
Freon 22	Ave	1.616	1.465		9.06	10.0	-9.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.539	2.641		10.4	10.0	4.0	30.0
Chloromethane	Ave	0.8823	0.7981		9.04	10.0	-9.5	30.0
n-Butane	Ave	1.456	1.297		8.91	10.0	-10.9	30.0
Vinyl chloride	Ave	0.9947	0.8739		8.78	10.0	-12.2	30.0
1,3-Butadiene	Ave	0.6851	0.6050		8.83	10.0	-11.7	30.0
Bromomethane	Ave	0.8131	0.7134		8.77	10.0	-12.3	30.0
Chloroethane	Ave	0.4284	0.3775		8.81	10.0	-11.9	30.0
Isopentane	Ave	0.9407	0.8609		9.15	10.0	-8.5	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9305	0.8672		9.32	10.0	-6.8	30.0
Trichlorofluoromethane	Ave	2.811	2.458		8.74	10.0	-12.5	30.0
n-Pentane	Ave	1.595	1.654		10.4	10.0	3.7	30.0
Ethanol	Ave	0.4605	0.3605		11.7	15.0	-21.7	30.0
Ethyl ether	Ave	0.6291	0.6703		10.7	10.0	6.6	30.0
Acrolein	Ave	0.2881	0.3239		11.2	10.0	12.4	30.0
Freon TF	Ave	1.904	1.755		9.22	10.0	-7.8	30.0
1,1-Dichloroethene	Ave	0.8635	0.8050		9.32	10.0	-6.8	30.0
Acetone	Ave	1.553	1.503		9.67	10.0	-3.2	30.0
Carbon disulfide	Ave	2.586	2.648		10.2	10.0	2.4	30.0
Isopropyl alcohol	Ave	1.237	1.048		8.47	10.0	-15.3	30.0
3-Chloropropene	Ave	1.173	1.061		9.04	10.0	-9.5	30.0
Acetonitrile	Ave	0.6428	0.6540		10.2	10.0	1.7	30.0
Methylene Chloride	Ave	1.147	1.004		8.75	10.0	-12.4	30.0
tert-Butyl alcohol	Ave	1.752	1.545		8.82	10.0	-11.8	30.0
Methyl tert-butyl ether	Ave	2.694	2.589		9.61	10.0	-3.9	30.0
trans-1,2-Dichloroethene	Ave	1.413	1.401		9.91	10.0	-0.9	30.0
Acrylonitrile	Ave	0.6756	0.6781		10.0	10.0	0.4	30.0
n-Hexane	Ave	1.394	1.468		10.5	10.0	5.3	30.0
1,1-Dichloroethane	Ave	1.830	1.741		9.51	10.0	-4.9	30.0
Vinyl acetate	Ave	2.566	2.133		8.31	10.0	-16.9	30.0
cis-1,2-Dichloroethene	Ave	1.052	1.017		9.67	10.0	-3.3	30.0
Methyl Ethyl Ketone	Ave	0.5684	0.5077		8.93	10.0	-10.7	30.0
Ethyl acetate	Ave	0.0816	0.0844		10.3	10.0	3.3	30.0
Tetrahydrofuran	Ave	0.2120	0.1973		9.30	10.0	-7.0	30.0
Chloroform	Ave	2.273	2.140		9.41	10.0	-5.9	30.0
Cyclohexane	Ave	0.2548	0.2489		9.77	10.0	-2.3	30.0
1,1,1-Trichloroethane	Ave	0.4173	0.3743		8.97	10.0	-10.3	30.0
Carbon tetrachloride	Ave	0.4521	0.4024		8.90	10.0	-11.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-80238/14 Calibration Date: 11/11/2014 00:16

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 10468-014.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.006	0.9713		9.66	10.0	-3.4	30.0
Benzene	Ave	0.6366	0.5967		9.37	10.0	-6.3	30.0
1,2-Dichloroethane	Ave	0.2700	0.2399		8.88	10.0	-11.1	30.0
n-Heptane	Ave	0.3865	0.3595		9.30	10.0	-7.0	30.0
n-Butanol	Ave	0.1183	0.1057		8.93	10.0	-10.7	30.0
Trichloroethene	Ave	0.2835	0.2703		9.53	10.0	-4.7	30.0
1,2-Dichloropropane	Ave	0.2614	0.2446		9.35	10.0	-6.4	30.0
Methyl methacrylate	Ave	0.2411	0.2339		9.70	10.0	-3.0	30.0
1,4-Dioxane	Ave	0.1061	0.0961		9.06	10.0	-9.4	30.0
Dibromomethane	Ave	0.2753	0.2587		9.40	10.0	-6.0	30.0
Bromodichloromethane	Ave	0.4753	0.4381		9.22	10.0	-7.8	30.0
cis-1,3-Dichloropropene	Ave	0.3672	0.3627		9.88	10.0	-1.2	30.0
methyl isobutyl ketone	Ave	0.5322	0.4682		8.80	10.0	-12.0	30.0
Toluene	Ave	0.4949	0.4843		9.78	10.0	-2.1	30.0
n-Octane	Ave	0.5816	0.5419		9.32	10.0	-6.8	30.0
trans-1,3-Dichloropropene	Ave	0.3973	0.3700		9.31	10.0	-6.9	30.0
1,1,2-Trichloroethane	Ave	0.2515	0.2410		9.58	10.0	-4.2	30.0
Tetrachloroethene	Ave	0.4155	0.4042		9.73	10.0	-2.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5203	0.4600		8.84	10.0	-11.6	30.0
Dibromochloromethane	Ave	0.5026	0.4687		9.32	10.0	-6.8	30.0
1,2-Dibromoethane	Ave	0.4419	0.4318		9.77	10.0	-2.3	30.0
Chlorobenzene	Ave	0.6992	0.6618		9.46	10.0	-5.4	30.0
Ethylbenzene	Ave	1.123	1.086		9.67	10.0	-3.3	30.0
n-Nonane	Ave	0.5496	0.5308		9.65	10.0	-3.4	30.0
m,p-Xylene	Ave	0.4390	0.4221		19.2	20.0	-3.8	30.0
Xylene, o-	Ave	0.4206	0.4115		9.78	10.0	-2.2	30.0
Styrene	Ave	0.6603	0.6563		9.94	10.0	-0.6	30.0
Bromoform	Ave	0.5399	0.5096		9.44	10.0	-5.6	30.0
Cumene	Ave	1.268	1.219		9.61	10.0	-3.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6857	0.6433		9.38	10.0	-6.2	30.0
n-Propylbenzene	Ave	1.618	1.509		9.32	10.0	-6.7	30.0
1,2,3-Trichloropropane	Ave	0.5576	0.4941		8.86	10.0	-11.4	30.0
n-Decane	Ave	0.7772	0.6984		8.98	10.0	-10.1	30.0
4-Ethyltoluene	Ave	1.338	1.288		9.62	10.0	-3.7	30.0
2-Chlorotoluene	Ave	1.133	1.038		9.15	10.0	-8.4	30.0
1,3,5-Trimethylbenzene	Ave	1.098	1.039		9.46	10.0	-5.4	30.0
Alpha Methyl Styrene	Ave	0.5148	0.5277		10.2	10.0	2.5	30.0
tert-Butylbenzene	Ave	1.063	0.9897		9.31	10.0	-6.9	30.0
1,2,4-Trimethylbenzene	Ave	1.115	1.047		9.38	10.0	-6.1	30.0
sec-Butylbenzene	Ave	1.640	1.518		9.26	10.0	-7.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: ICV 200-80238/14 Calibration Date: 11/11/2014 00:16

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 10468-014.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.382	1.295		9.37	10.0	-6.3	30.0
1,3-Dichlorobenzene	Ave	0.8076	0.7580		9.38	10.0	-6.1	30.0
1,4-Dichlorobenzene	Ave	0.8033	0.7543		9.39	10.0	-6.1	30.0
Benzyl chloride	Ave	0.9928	0.8336		8.40	10.0	-16.0	30.0
n-Butylbenzene	Ave	1.337	1.221		9.13	10.0	-8.7	30.0
n-Undecane	Ave	0.9011	0.7992		8.87	10.0	-11.3	30.0
1,2-Dichlorobenzene	Ave	0.7665	0.7113		9.28	10.0	-7.2	30.0
n-Dodecane	Ave	0.8153	0.7169		8.79	10.0	-12.1	30.0
1,2,4-Trichlorobenzene	Ave	0.6603	0.6154		9.32	10.0	-6.8	30.0
Hexachlorobutadiene	Ave	0.6288	0.5918		9.41	10.0	-5.9	30.0
Naphthalene	Ave	1.292	1.229		9.51	10.0	-4.9	30.0
1,2,3-Trichlorobenzene	Ave	0.5822	0.5495		9.44	10.0	-5.6	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-014.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 11-Nov-2014 00:16:30 ALS Bottle#: 2 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0010468-014
Misc. Info.: lod 0.03
Operator ID: wrd Instrument ID: CHX.i
Sublist:

Method: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 13-Nov-2014 10:17:56 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: lyonsb Date: 11-Nov-2014 08:29:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.044	3.044	0.000	98	224311	10.0	8.79	
2 Dichlorodifluoromethane	85	3.119	3.113	0.006	99	830109	10.0	8.94	
3 Chlorodifluoromethane	51	3.167	3.167	0.000	97	494914	10.0	9.06	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.381	3.381	0.000	99	892226	10.0	10.4	
5 Chloromethane	50	3.525	3.525	0.000	99	269632	10.0	9.04	
6 Butane	43	3.718	3.718	0.000	99	438287	10.0	8.91	
7 Vinyl chloride	62	3.766	3.766	0.000	98	295222	10.0	8.78	
8 Butadiene	54	3.841	3.841	0.000	96	204404	10.0	8.83	
9 Bromomethane	94	4.520	4.520	0.000	98	241012	10.0	8.77	
10 Chloroethane	64	4.756	4.750	0.006	100	127531	10.0	8.81	
11 2-Methylbutane	43	4.815	4.814	0.001	93	290854	10.0	9.15	
12 Vinyl bromide	106	5.141	5.141	0.000	99	292983	10.0	9.32	
13 Trichlorofluoromethane	101	5.232	5.232	0.000	98	830504	10.0	8.74	
14 Pentane	43	5.371	5.365	0.006	97	558786	10.0	10.4	
15 Ethanol	45	5.810	5.804	0.006	98	182779	15.0	11.7	
16 Ethyl ether	59	5.885	5.884	0.001	95	226456	10.0	10.7	
17 Acrolein	56	6.296	6.291	0.005	46	109411	10.0	11.2	
18 1,1,2-Trichloro-1,2,2-trif	101	6.296	6.296	0.000	98	592827	10.0	9.22	
$ 19 BFB									
20 1,1-Dichloroethene	96	6.350	6.350	0.000	95	271941	10.0	9.32	
21 Acetone	43	6.601	6.601	0.000	86	507625	10.0	9.67	
22 Carbon disulfide	76	6.746	6.746	0.000	99	894550	10.0	10.2	
23 Isopropyl alcohol	45	6.874	6.874	0.000	99	354036	10.0	8.47	
24 3-Chloro-1-propene	41	7.142	7.136	0.006	93	358438	10.0	9.04	
25 Acetonitrile	41	7.297	7.297	0.000	100	220928	10.0	10.2	
26 Methylene Chloride	49	7.436	7.436	0.000	95	339219	10.0	8.75	
28 2-Methyl-2-propanol	59	7.645	7.644	0.001	99	522097	10.0	8.82	
29 Methyl tert-butyl ether	73	7.821	7.826	-0.005	97	874542	10.0	9.61	
30 trans-1,2-Dichloroethene	61	7.864	7.864	0.000	97	473201	10.0	9.91	
31 Acrylonitrile	53	8.051	8.046	0.005	96	229099	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.238	8.238	0.000	93	496021	10.0	10.5	
33 1,1-Dichloroethane	63	8.752	8.752	0.000	99	588118	10.0	9.51	
34 Vinyl acetate	43	8.822	8.821	0.001	100	720660	10.0	8.31	
35 cis-1,2-Dichloroethene	96	9.870	9.870	0.000	96	343608	10.0	9.67	
36 2-Butanone (MEK)	72	9.924	9.923	0.001	99	171505	10.0	8.93	
37 Ethyl acetate	88	9.950	9.950	0.000	99	28500	10.0	10.3	
S 38 1,2-Dichloroethene, Total	61				0		20.0	19.6	
39 Tetrahydrofuran	42	10.335	10.335	0.000	93	394768	10.0	9.30	
* 40 Chlorobromomethane	128	10.346	10.346	0.000	95	337903	10.0	10.0	
41 Chloroform	83	10.469	10.469	0.000	99	722866	10.0	9.41	
42 Cyclohexane	84	10.715	10.710	0.005	92	498155	10.0	9.77	
43 1,1,1-Trichloroethane	97	10.758	10.753	0.005	98	748967	10.0	8.97	
44 Carbon tetrachloride	117	10.999	10.999	0.000	98	805237	10.0	8.90	
45 Isooctane	57	11.438	11.437	0.001	99	1943700	10.0	9.66	
46 Benzene	78	11.491	11.491	0.000	95	1194208	10.0	9.37	
47 1,2-Dichloroethane	62	11.684	11.683	0.001	97	480090	10.0	8.88	
48 n-Heptane	43	11.828	11.828	0.000	93	719333	10.0	9.30	
* 50 1,4-Difluorobenzene	114	12.347	12.347	0.000	94	2001600	10.0	10.0	
51 n-Butanol	56	12.727	12.727	0.000	86	211436	10.0	8.93	
52 Trichloroethene	95	12.828	12.823	0.005	99	540941	10.0	9.53	
53 1,2-Dichloropropane	63	13.428	13.427	0.001	94	489389	10.0	9.35	
54 Methyl methacrylate	69	13.583	13.583	0.000	90	468076	10.0	9.70	
55 1,4-Dioxane	88	13.647	13.641	0.006	90	192354	10.0	9.06	
56 Dibromomethane	174	13.695	13.695	0.000	96	517696	10.0	9.40	
57 Dichlorobromomethane	83	14.000	13.994	0.006	99	876723	10.0	9.22	
58 cis-1,3-Dichloropropene	75	14.974	14.973	0.001	91	725855	10.0	9.88	
A 60 TVOC as Toluene	1	14.989	(3.012-26.967)		0	268134637	10.0	2706.9	
61 4-Methyl-2-pentanone (MIBK	43	15.273	15.273	0.000	96	936898	10.0	8.80	
A 63 Toluene Range	1		(15.573-15.593)					ND	
62 Toluene	92	15.584	15.583	0.001	93	942486	10.0	9.78	
66 n-Octane	43	15.616	15.615	0.001	92	1084507	10.0	9.32	
A 65 GRO	1	15.615	(15.615-15.615)		0	7778181	10.0	0	
A 64 C8 Range	1		(15.605-15.625)					ND	
67 trans-1,3-Dichloropropene	75	16.204	16.199	0.005	96	740354	10.0	9.31	
68 1,1,2-Trichloroethane	83	16.589	16.589	0.000	96	469061	10.0	9.58	
69 Tetrachloroethene	166	16.686	16.685	0.001	98	786622	10.0	9.73	
70 2-Hexanone	43	17.044	17.044	0.000	98	895105	10.0	8.84	
71 Chlorodibromomethane	129	17.376	17.375	0.001	98	912070	10.0	9.32	
72 Ethylene Dibromide	107	17.659	17.659	0.000	98	840264	10.0	9.77	
* 73 Chlorobenzene-d5	117	18.563	18.563	0.000	85	1946488	10.0	10.0	
74 Chlorobenzene	112	18.628	18.627	0.001	95	1287869	10.0	9.46	
75 Ethylbenzene	91	18.772	18.772	0.000	98	2113535	10.0	9.67	
76 n-Nonane	57	18.868	18.868	0.000	90	1032924	10.0	9.65	
77 m-Xylene & p-Xylene	106	19.023	19.023	0.000	99	1642894	20.0	19.2	
78 o-Xylene	106	19.831	19.831	0.000	94	800780	10.0	9.78	
79 Styrene	104	19.879	19.879	0.000	96	1277193	10.0	9.94	
S 80 Xylenes, Total	106				0		30.0	29.0	
81 Bromoform	173	20.281	20.280	0.001	98	991694	10.0	9.44	
82 Isopropylbenzene	105	20.457	20.457	0.000	96	2372447	10.0	9.61	
* 83 4-Bromofluorobenzene	95	20.810	20.810	0.000	92	1439827	10.0	10.0	
85 1,1,2,2-Tetrachloroethane	83	21.072	21.072	0.000	99	1251912	10.0	9.38	
86 N-Propylbenzene	91	21.137	21.136	0.001	99	2936934	10.0	9.32	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 1,2,3-Trichloropropane	75	21.174	21.174	0.000	97	961469	10.0	8.86	
88 n-Decane	57	21.276	21.275	0.001	88	1359115	10.0	8.98	
89 4-Ethyltoluene	105	21.313	21.313	0.000	98	2507263	10.0	9.62	
90 2-Chlorotoluene	91	21.329	21.329	0.000	96	2019400	10.0	9.15	
91 1,3,5-Trimethylbenzene	105	21.415	21.414	0.001	93	2022874	10.0	9.46	
92 Alpha Methyl Styrene	118	21.762	21.762	0.000	89	1026867	10.0	10.2	
93 tert-Butylbenzene	119	21.886	21.885	0.001	94	1925982	10.0	9.31	
94 1,2,4-Trimethylbenzene	105	21.971	21.976	-0.005	97	2037453	10.0	9.38	
95 sec-Butylbenzene	105	22.196	22.196	0.000	99	2954739	10.0	9.26	
96 4-Isopropyltoluene	119	22.394	22.393	0.001	98	2520378	10.0	9.37	
97 1,3-Dichlorobenzene	146	22.437	22.436	0.001	97	1475060	10.0	9.38	
98 1,4-Dichlorobenzene	146	22.576	22.575	0.001	96	1467965	10.0	9.39	
99 Benzyl chloride	91	22.784	22.784	0.000	99	1622317	10.0	8.40	
101 n-Butylbenzene	91	22.988	22.987	0.001	97	2376552	10.0	9.13	
100 Undecane	57	22.988	22.987	0.001	95	1555396	10.0	8.87	
102 1,2-Dichlorobenzene	146	23.137	23.137	0.000	97	1384193	10.0	9.28	
103 Dodecane	57	24.657	24.656	0.001	96	1395167	10.0	8.79	
104 1,2,4-Trichlorobenzene	180	25.807	25.807	0.000	94	1197535	10.0	9.32	
105 Hexachlorobutadiene	225	25.994	25.994	0.000	97	1151644	10.0	9.41	
106 Naphthalene	128	26.347	26.347	0.000	100	2391828	10.0	9.51	
107 1,2,3-Trichlorobenzene	180	26.861	26.860	0.001	95	1069462	10.0	9.44	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

7 - Failed Limit of Detection

Reagents:

ATTO15LCSW_00424	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

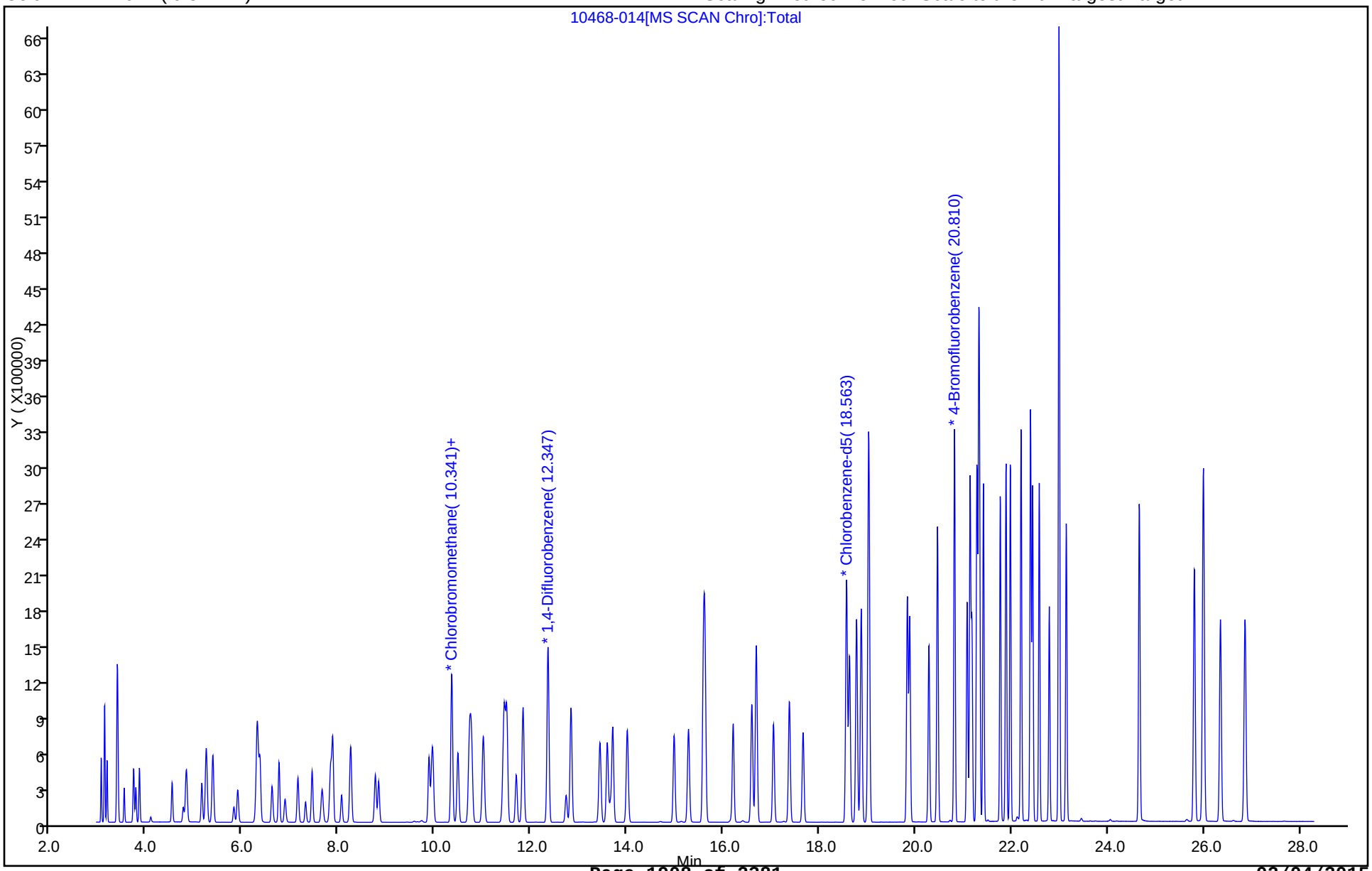
Report Date: 13-Nov-2014 10:19:31 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-014.D

Injection Date:	11-Nov-2014 00:16:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	icv			Worklist Smp#:	14
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-83910/2 Calibration Date: 01/28/2015 10:33

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11847-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7552	0.7710		10.2	10.0	2.1	30.0
Dichlorodifluoromethane	Ave	2.748	3.127		11.4	10.0	13.8	30.0
Freon 22	Ave	1.616	1.745		10.8	10.0	8.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.539	2.637		10.4	10.0	3.9	30.0
Chloromethane	Ave	0.8823	0.8876		10.1	10.0	0.6	30.0
n-Butane	Ave	1.456	1.534		10.5	10.0	5.4	30.0
Vinyl chloride	Ave	0.9947	0.9763		9.81	10.0	-1.9	30.0
1,3-Butadiene	Ave	0.6851	0.7337		10.7	10.0	7.1	30.0
Bromomethane	Ave	0.8131	0.7990		9.83	10.0	-1.7	30.0
Chloroethane	Ave	0.4284	0.4289		10.0	10.0	0.1	30.0
Isopentane	Ave	0.9407	0.9489		10.1	10.0	0.9	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9305	0.8722		9.37	10.0	-6.3	30.0
Trichlorofluoromethane	Ave	2.811	3.014		10.7	10.0	7.2	30.0
n-Pentane	Ave	1.595	1.504		9.43	10.0	-5.7	30.0
Ethanol	Ave	0.4605	0.3787		12.3	15.0	-17.8	30.0
Ethyl ether	Ave	0.6291	0.6129		9.74	10.0	-2.6	30.0
Acrolein	Ave	0.2881	0.2831		9.82	10.0	-1.7	30.0
Freon TF	Ave	1.904	1.837		9.65	10.0	-3.5	30.0
1,1-Dichloroethene	Ave	0.8635	0.8179		9.47	10.0	-5.3	30.0
Acetone	Ave	1.553	1.584		10.2	10.0	2.0	30.0
Carbon disulfide	Ave	2.586	2.350		9.09	10.0	-9.1	30.0
Isopropyl alcohol	Ave	1.237	1.245		10.1	10.0	0.6	30.0
3-Chloropropene	Ave	1.173	1.202		10.2	10.0	2.5	30.0
Acetonitrile	Ave	0.6428	0.6201		9.64	10.0	-3.5	30.0
Methylene Chloride	Ave	1.147	1.055		9.20	10.0	-8.0	30.0
tert-Butyl alcohol	Ave	1.752	1.791		10.2	10.0	2.3	30.0
Methyl tert-butyl ether	Ave	2.694	2.897		10.8	10.0	7.5	30.0
trans-1,2-Dichloroethene	Ave	1.413	1.439		10.2	10.0	1.8	30.0
Acrylonitrile	Ave	0.6756	0.6356		9.41	10.0	-5.9	30.0
n-Hexane	Ave	1.394	1.381		9.91	10.0	-0.9	30.0
1,1-Dichloroethane	Ave	1.830	1.820		9.94	10.0	-0.6	30.0
Vinyl acetate	Ave	2.566	2.628		10.2	10.0	2.4	30.0
cis-1,2-Dichloroethene	Ave	1.052	1.038		9.87	10.0	-1.3	30.0
Methyl Ethyl Ketone	Ave	0.5684	0.4935		8.68	10.0	-13.2	30.0
Ethyl acetate	Ave	0.0816	0.0791		9.68	10.0	-3.1	30.0
Tetrahydrofuran	Ave	0.2120	0.1967		9.27	10.0	-7.2	30.0
Chloroform	Ave	2.273	2.410		10.6	10.0	6.0	30.0
Cyclohexane	Ave	0.2548	0.2462		9.66	10.0	-3.4	30.0
1,1,1-Trichloroethane	Ave	0.4173	0.4487		10.7	10.0	7.5	30.0
Carbon tetrachloride	Ave	0.4521	0.4973		11.0	10.0	10.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-83910/2 Calibration Date: 01/28/2015 10:33

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11847-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.006	0.9865		9.81	10.0	-1.9	30.0
Benzene	Ave	0.6366	0.6040		9.49	10.0	-5.1	30.0
1,2-Dichloroethane	Ave	0.2700	0.3137		11.6	10.0	16.2	30.0
n-Heptane	Ave	0.3865	0.3866		10.0	10.0	0.0	30.0
n-Butanol	Ave	0.1183	0.1149		9.71	10.0	-2.9	30.0
Trichloroethene	Ave	0.2835	0.2956		10.4	10.0	4.3	30.0
1,2-Dichloropropane	Ave	0.2614	0.2678		10.2	10.0	2.5	30.0
Methyl methacrylate	Ave	0.2411	0.2571		10.7	10.0	6.6	30.0
1,4-Dioxane	Ave	0.1061	0.1024		9.65	10.0	-3.5	30.0
Dibromomethane	Ave	0.2753	0.2987		10.8	10.0	8.5	30.0
Bromodichloromethane	Ave	0.4753	0.5399		11.4	10.0	13.6	30.0
cis-1,3-Dichloropropene	Ave	0.3672	0.4122		11.2	10.0	12.2	30.0
methyl isobutyl ketone	Ave	0.5322	0.5894		11.1	10.0	10.7	30.0
Toluene	Ave	0.4949	0.5099		10.3	10.0	3.0	30.0
n-Octane	Ave	0.5816	0.6544		11.2	10.0	12.5	30.0
trans-1,3-Dichloropropene	Ave	0.3973	0.4430		11.1	10.0	11.5	30.0
1,1,2-Trichloroethane	Ave	0.2515	0.2461		9.78	10.0	-2.2	30.0
Tetrachloroethene	Ave	0.4155	0.4428		10.7	10.0	6.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5203	0.5564		10.7	10.0	6.9	30.0
Dibromochloromethane	Ave	0.5026	0.5402		10.7	10.0	7.5	30.0
1,2-Dibromoethane	Ave	0.4419	0.4502		10.2	10.0	1.9	30.0
Chlorobenzene	Ave	0.6992	0.6986		9.99	10.0	-0.0	30.0
Ethylbenzene	Ave	1.123	1.180		10.5	10.0	5.0	30.0
n-Nonane	Ave	0.5496	0.5882		10.7	10.0	7.0	30.0
m,p-Xylene	Ave	0.4390	0.4566		20.8	20.0	4.0	30.0
Xylene, o-	Ave	0.4206	0.4492		10.7	10.0	6.8	30.0
Styrene	Ave	0.6603	0.7108		10.8	10.0	7.6	30.0
Bromoform	Ave	0.5399	0.5882		10.9	10.0	8.9	30.0
Cumene	Ave	1.268	1.367		10.8	10.0	7.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6857	0.6626		9.66	10.0	-3.4	30.0
n-Propylbenzene	Ave	1.618	1.702		10.5	10.0	5.2	30.0
1,2,3-Trichloropropane	Ave	0.5576	0.5653		10.1	10.0	1.4	30.0
n-Decane	Ave	0.7772	0.8055		10.4	10.0	3.6	30.0
4-Ethyltoluene	Ave	1.338	1.404		10.5	10.0	4.9	30.0
2-Chlorotoluene	Ave	1.133	1.187		10.5	10.0	4.8	30.0
1,3,5-Trimethylbenzene	Ave	1.098	1.191		10.8	10.0	8.5	30.0
Alpha Methyl Styrene	Ave	0.5148	0.5831		11.3	10.0	13.3	30.0
tert-Butylbenzene	Ave	1.063	1.142		10.7	10.0	7.5	30.0
1,2,4-Trimethylbenzene	Ave	1.115	1.222		11.0	10.0	9.6	30.0
sec-Butylbenzene	Ave	1.640	1.732		10.6	10.0	5.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-83910/2 Calibration Date: 01/28/2015 10:33

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11847-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.382	1.498		10.8	10.0	8.4	30.0
1,3-Dichlorobenzene	Ave	0.8076	0.8403		10.4	10.0	4.1	30.0
1,4-Dichlorobenzene	Ave	0.8033	0.8440		10.5	10.0	5.1	30.0
Benzyl chloride	Ave	0.9928	1.094		11.0	10.0	10.2	30.0
n-Undecane	Ave	0.9011	0.9151		10.2	10.0	1.6	30.0
n-Butylbenzene	Ave	1.337	1.399		10.5	10.0	4.7	30.0
1,2-Dichlorobenzene	Ave	0.7665	0.7936		10.4	10.0	3.5	30.0
n-Dodecane	Ave	0.8153	0.8187		10.0	10.0	0.4	30.0
1,2,4-Trichlorobenzene	Ave	0.6603	0.6985		10.6	10.0	5.8	30.0
Hexachlorobutadiene	Ave	0.6288	0.6980		11.1	10.0	11.0	30.0
Naphthalene	Ave	1.292	1.436		11.1	10.0	11.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5822	0.6249		10.7	10.0	7.3	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-002.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Jan-2015 10:33:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011847-002
Misc. Info.: ccvis
Operator ID: wrd Instrument ID: CHX.i
Sublist: chrom-TO15_LLNJ_TO3_CHX.i.m*sub3

Method: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 28-Jan-2015 11:19:09 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: desjardinsb Date: 28-Jan-2015 11:19:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.044	3.044	0.000	96	111396	10.0	10.2	
2 Dichlorodifluoromethane	85	3.119	3.119	0.000	99	451711	10.0	11.4	
3 Chlorodifluoromethane	51	3.167	3.167	0.000	97	252118	10.0	10.8	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.381	3.381	0.000	94	380972	10.0	10.4	
5 Chloromethane	50	3.520	3.520	0.000	99	128239	10.0	10.1	
6 Butane	43	3.718	3.718	0.000	97	221650	10.0	10.5	
7 Vinyl chloride	62	3.766	3.766	0.000	98	141048	10.0	9.81	
8 Butadiene	54	3.836	3.836	0.000	96	106003	10.0	10.7	
$ 19 BFB									
9 Bromomethane	94	4.515	4.515	0.000	98	115442	10.0	9.83	
10 Chloroethane	64	4.750	4.750	0.000	98	61962	10.0	10.0	
11 2-Methylbutane	43	4.809	4.809	0.000	91	137095	10.0	10.1	
12 Vinyl bromide	106	5.136	5.136	0.000	98	126006	10.0	9.37	
13 Trichlorofluoromethane	101	5.221	5.221	0.000	98	435430	10.0	10.7	
14 Pentane	43	5.360	5.360	0.000	96	217294	10.0	9.43	
15 Ethanol	45	5.799	5.799	0.000	99	82102	15.0	12.3	
16 Ethyl ether	59	5.874	5.874	0.000	96	88550	10.0	9.74	
17 Acrolein	56	6.280	6.280	0.000	99	40900	10.0	9.82	
18 1,1,2-Trichloro-1,2,2-trif	101	6.286	6.286	0.000	95	265428	10.0	9.65	
20 1,1-Dichloroethene	96	6.339	6.339	0.000	93	118159	10.0	9.47	
21 Acetone	43	6.585	6.585	0.000	84	228810	10.0	10.2	
22 Carbon disulfide	76	6.735	6.735	0.000	100	339478	10.0	9.09	
23 Isopropyl alcohol	45	6.858	6.858	0.000	98	179821	10.0	10.1	
24 3-Chloro-1-propene	41	7.126	7.126	0.000	88	173636	10.0	10.2	
25 Acetonitrile	41	7.281	7.281	0.000	98	89590	10.0	9.64	
26 Methylene Chloride	49	7.420	7.420	0.000	96	152392	10.0	9.20	
28 2-Methyl-2-propanol	59	7.623	7.623	0.000	99	258812	10.0	10.2	
29 Methyl tert-butyl ether	73	7.805	7.805	0.000	96	418549	10.0	10.8	
30 trans-1,2-Dichloroethene	61	7.848	7.848	0.000	99	207863	10.0	10.2	
31 Acrylonitrile	53	8.030	8.030	0.000	92	91825	10.0	9.41	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.222	8.222	0.000	92	199521	10.0	9.91	
33 1,1-Dichloroethane	63	8.736	8.736	0.000	99	262993	10.0	9.94	
34 Vinyl acetate	43	8.800	8.800	0.000	100	379717	10.0	10.2	
35 cis-1,2-Dichloroethene	96	9.849	9.849	0.000	93	150030	10.0	9.87	
36 2-Butanone (MEK)	72	9.897	9.897	0.000	99	71300	10.0	8.68	
37 Ethyl acetate	88	9.934	9.934	0.000	99	11424	10.0	9.68	
S 38 1,2-Dichloroethene, Total	61				0		20.0	20.1	
39 Tetrahydrofuran	42	10.314	10.314	0.000	91	169996	10.0	9.27	
* 40 Chlorobromomethane	128	10.325	10.325	0.000	93	144504	10.0	10.0	
41 Chloroform	83	10.453	10.453	0.000	98	348162	10.0	10.6	
42 Cyclohexane	84	10.689	10.689	0.000	93	212855	10.0	9.66	
43 1,1,1-Trichloroethane	97	10.731	10.731	0.000	98	387847	10.0	10.7	
44 Carbon tetrachloride	117	10.977	10.977	0.000	98	429868	10.0	11.0	
45 Isooctane	57	11.411	11.411	0.000	98	852728	10.0	9.81	
46 Benzene	78	11.470	11.470	0.000	96	522102	10.0	9.49	
47 1,2-Dichloroethane	62	11.662	11.662	0.000	98	271211	10.0	11.6	
48 n-Heptane	43	11.801	11.801	0.000	95	334207	10.0	10.0	
* 50 1,4-Difluorobenzene	114	12.326	12.326	0.000	95	864612	10.0	10.0	
51 n-Butanol	56	12.700	12.700	0.000	91	99299	10.0	9.71	
52 Trichloroethene	95	12.802	12.802	0.000	98	255535	10.0	10.4	
53 1,2-Dichloropropane	63	13.401	13.401	0.000	89	231495	10.0	10.2	
54 Methyl methacrylate	69	13.551	13.551	0.000	92	222240	10.0	10.7	
55 1,4-Dioxane	88	13.615	13.615	0.000	94	88477	10.0	9.65	
56 Dibromomethane	174	13.668	13.668	0.000	94	258221	10.0	10.8	
57 Dichlorobromomethane	83	13.973	13.973	0.000	99	466667	10.0	11.4	
58 cis-1,3-Dichloropropene	75	14.947	14.947	0.000	94	356292	10.0	11.2	
A 59 Total Hydrocarbons	1	15.003	(3.012-26.994)		0	140159728	NC	NC	
A 60 TVOC as Toluene	1	15.003	(3.012-26.994)		0	140159728	10.0	3275.6	
61 4-Methyl-2-pentanone (MIBK	43	15.241	15.241	0.000	98	509474	10.0	11.1	
62 Toluene	92	15.557	15.557	0.000	93	451963	10.0	10.3	
A 63 Toluene Range	1		(15.547-15.567)				ND	ND	
66 n-Octane	43	15.584	15.584	0.000	94	565659	10.0	11.2	
A 65 GRO	1	15.584	(15.584-15.584)		0	3953038	10.0	0	
A 64 C8 Range	1		(15.574-15.594)				ND	ND	
67 trans-1,3-Dichloropropene	75	16.172	16.172	0.000	97	382921	10.0	11.1	
68 1,1,2-Trichloroethane	83	16.563	16.563	0.000	94	218135	10.0	9.78	
69 Tetrachloroethene	166	16.659	16.659	0.000	98	392436	10.0	10.7	
70 2-Hexanone	43	17.012	17.012	0.000	98	493129	10.0	10.7	
71 Chlorodibromomethane	129	17.349	17.349	0.000	98	478828	10.0	10.7	
72 Ethylene Dibromide	107	17.632	17.632	0.000	99	399015	10.0	10.2	
* 73 Chlorobenzene-d5	117	18.537	18.537	0.000	87	886509	10.0	10.0	
74 Chlorobenzene	112	18.595	18.595	0.000	93	619182	10.0	9.99	
75 Ethylbenzene	91	18.740	18.740	0.000	99	1045534	10.0	10.5	
76 n-Nonane	57	18.836	18.836	0.000	92	521364	10.0	10.7	
77 m-Xylene & p-Xylene	106	18.997	18.997	0.000	98	809431	20.0	20.8	
78 o-Xylene	106	19.804	19.804	0.000	93	398129	10.0	10.7	
79 Styrene	104	19.847	19.847	0.000	94	629960	10.0	10.8	
S 80 Xylenes, Total	106				0		30.0	31.5	
81 Bromoform	173	20.254	20.254	0.000	98	521297	10.0	10.9	
82 Isopropylbenzene	105	20.430	20.430	0.000	96	1211552	10.0	10.8	
* 83 4-Bromofluorobenzene	95	20.789	20.789	0.000	92	672918	10.0	10.0	
85 1,1,2,2-Tetrachloroethane	83	21.051	21.051	0.000	98	587254	10.0	9.66	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
86 N-Propylbenzene	91	21.110	21.110	0.000	99	1508398	10.0	10.5	
87 1,2,3-Trichloropropane	75	21.153	21.153	0.000	98	501052	10.0	10.1	
88 n-Decane	57	21.254	21.254	0.000	91	713949	10.0	10.4	
89 4-Ethyltoluene	105	21.292	21.292	0.000	98	1244557	10.0	10.5	
90 2-Chlorotoluene	91	21.308	21.308	0.000	97	1052431	10.0	10.5	
91 1,3,5-Trimethylbenzene	105	21.388	21.388	0.000	92	1056037	10.0	10.8	
92 Alpha Methyl Styrene	118	21.741	21.741	0.000	88	516856	10.0	11.3	
93 tert-Butylbenzene	119	21.859	21.859	0.000	93	1012309	10.0	10.7	
94 1,2,4-Trimethylbenzene	105	21.950	21.950	0.000	98	1083041	10.0	11.0	
95 sec-Butylbenzene	105	22.174	22.174	0.000	98	1534846	10.0	10.6	
96 4-Isopropyltoluene	119	22.372	22.372	0.000	97	1327437	10.0	10.8	
97 1,3-Dichlorobenzene	146	22.415	22.415	0.000	96	744781	10.0	10.4	
98 1,4-Dichlorobenzene	146	22.554	22.554	0.000	95	748044	10.0	10.5	
99 Benzyl chloride	91	22.763	22.763	0.000	98	969628	10.0	11.0	
100 Undecane	57	22.961	22.961	0.000	95	811077	10.0	10.2	
101 n-Butylbenzene	91	22.966	22.966	0.000	97	1240279	10.0	10.5	
102 1,2-Dichlorobenzene	146	23.116	23.116	0.000	96	703432	10.0	10.4	
103 Dodecane	57	24.630	24.630	0.000	95	725611	10.0	10.0	
104 1,2,4-Trichlorobenzene	180	25.775	25.775	0.000	94	619088	10.0	10.6	
105 Hexachlorobutadiene	225	25.962	25.962	0.000	97	618651	10.0	11.1	
106 Naphthalene	128	26.315	26.315	0.000	99	1272440	10.0	11.1	
107 1,2,3-Trichlorobenzene	180	26.829	26.829	0.000	95	553828	10.0	10.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

7 - Failed Limit of Detection

Reagents:

ATTO15CAL4w_00434	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

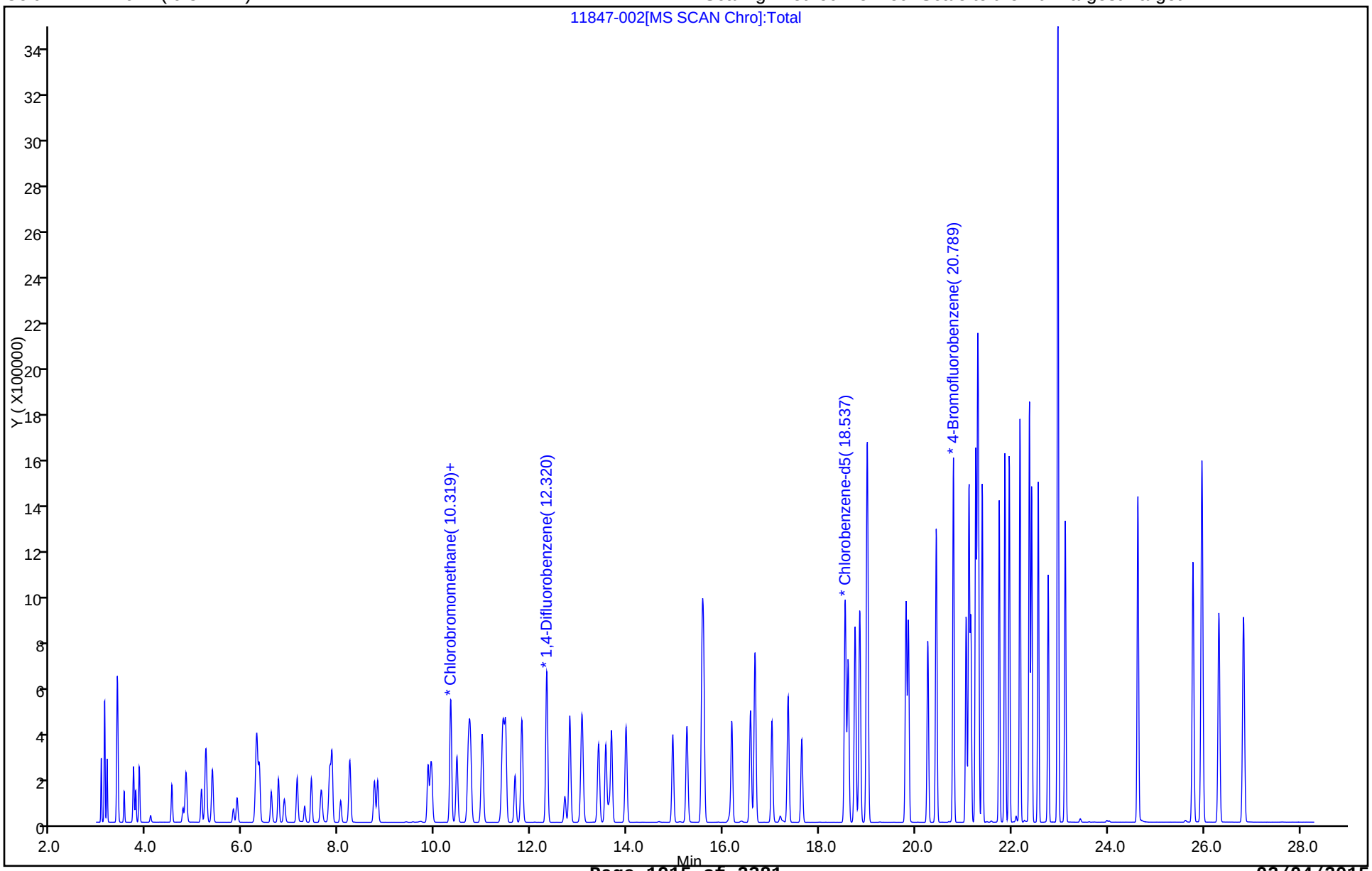
Report Date: 28-Jan-2015 11:19:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-002.D

Injection Date:	28-Jan-2015 10:33:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-83984/2 Calibration Date: 01/29/2015 11:49

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11880-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7552	0.7635		10.1	10.0	1.1	30.0
Dichlorodifluoromethane	Ave	2.748	3.207		11.7	10.0	16.7	30.0
Freon 22	Ave	1.616	1.796		11.1	10.0	11.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.539	2.585		10.2	10.0	1.8	30.0
Chloromethane	Ave	0.8823	0.8655		9.81	10.0	-1.9	30.0
n-Butane	Ave	1.456	1.515		10.4	10.0	4.0	30.0
Vinyl chloride	Ave	0.9947	0.9790		9.84	10.0	-1.6	30.0
1,3-Butadiene	Ave	0.6851	0.7261		10.6	10.0	6.0	30.0
Bromomethane	Ave	0.8131	0.8046		9.89	10.0	-1.1	30.0
Chloroethane	Ave	0.4284	0.4368		10.2	10.0	1.9	30.0
Isopentane	Ave	0.9407	0.9901		10.5	10.0	5.3	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9305	0.8856		9.52	10.0	-4.8	30.0
Trichlorofluoromethane	Ave	2.811	3.217		11.4	10.0	14.5	30.0
n-Pentane	Ave	1.595	1.587		9.94	10.0	-0.5	30.0
Ethanol	Ave	0.4605	0.3786		12.3	15.0	-17.8	30.0
Ethyl ether	Ave	0.6291	0.6235		9.91	10.0	-0.9	30.0
Acrolein	Ave	0.2881	0.2850		9.89	10.0	-1.1	30.0
Freon TF	Ave	1.904	1.891		9.93	10.0	-0.7	30.0
1,1-Dichloroethene	Ave	0.8635	0.8445		9.78	10.0	-2.2	30.0
Acetone	Ave	1.553	1.673		10.8	10.0	7.7	30.0
Carbon disulfide	Ave	2.586	2.430		9.39	10.0	-6.0	30.0
Isopropyl alcohol	Ave	1.237	1.217		9.84	10.0	-1.6	30.0
3-Chloropropene	Ave	1.173	1.222		10.4	10.0	4.2	30.0
Acetonitrile	Ave	0.6428	0.6499		10.1	10.0	1.1	30.0
Methylene Chloride	Ave	1.147	1.117		9.74	10.0	-2.6	30.0
tert-Butyl alcohol	Ave	1.752	1.789		10.2	10.0	2.2	30.0
Methyl tert-butyl ether	Ave	2.694	2.955		11.0	10.0	9.7	30.0
trans-1,2-Dichloroethene	Ave	1.413	1.517		10.7	10.0	7.3	30.0
Acrylonitrile	Ave	0.6756	0.6697		9.91	10.0	-0.9	30.0
n-Hexane	Ave	1.394	1.408		10.1	10.0	1.0	30.0
1,1-Dichloroethane	Ave	1.830	1.818		9.93	10.0	-0.7	30.0
Vinyl acetate	Ave	2.566	2.690		10.5	10.0	4.8	30.0
cis-1,2-Dichloroethene	Ave	1.052	1.028		9.77	10.0	-2.3	30.0
Methyl Ethyl Ketone	Ave	0.5684	0.5067		8.91	10.0	-10.9	30.0
Ethyl acetate	Ave	0.0816	0.0810		9.92	10.0	-0.8	30.0
Tetrahydrofuran	Ave	0.2120	0.2063		9.73	10.0	-2.7	30.0
Chloroform	Ave	2.273	2.482		10.9	10.0	9.2	30.0
Cyclohexane	Ave	0.2548	0.2491		9.78	10.0	-2.2	30.0
1,1,1-Trichloroethane	Ave	0.4173	0.4742		11.4	10.0	13.6	30.0
Carbon tetrachloride	Ave	0.4521	0.5171		11.4	10.0	14.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-83984/2 Calibration Date: 01/29/2015 11:49

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11880-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.006	1.004		9.98	10.0	-0.2	30.0
Benzene	Ave	0.6366	0.6205		9.74	10.0	-2.5	30.0
1,2-Dichloroethane	Ave	0.2700	0.3331		12.3	10.0	23.4	30.0
n-Heptane	Ave	0.3865	0.4040		10.5	10.0	4.5	30.0
n-Butanol	Ave	0.1183	0.1135		9.59	10.0	-4.1	30.0
Trichloroethene	Ave	0.2835	0.2979		10.5	10.0	5.1	30.0
1,2-Dichloropropane	Ave	0.2614	0.2634		10.1	10.0	0.8	30.0
Methyl methacrylate	Ave	0.2411	0.2558		10.6	10.0	6.1	30.0
1,4-Dioxane	Ave	0.1061	0.1000		9.42	10.0	-5.8	30.0
Dibromomethane	Ave	0.2753	0.2925		10.6	10.0	6.3	30.0
Bromodichloromethane	Ave	0.4753	0.5566		11.7	10.0	17.1	30.0
cis-1,3-Dichloropropene	Ave	0.3672	0.4147		11.3	10.0	12.9	30.0
methyl isobutyl ketone	Ave	0.5322	0.6187		11.6	10.0	16.3	30.0
Toluene	Ave	0.4949	0.5129		10.4	10.0	3.6	30.0
n-Octane	Ave	0.5816	0.6839		11.8	10.0	17.6	30.0
trans-1,3-Dichloropropene	Ave	0.3973	0.4542		11.4	10.0	14.3	30.0
1,1,2-Trichloroethane	Ave	0.2515	0.2497		9.93	10.0	-0.7	30.0
Tetrachloroethene	Ave	0.4155	0.4375		10.5	10.0	5.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5203	0.5855		11.3	10.0	12.5	30.0
Dibromochloromethane	Ave	0.5026	0.5554		11.0	10.0	10.5	30.0
1,2-Dibromoethane	Ave	0.4419	0.4533		10.3	10.0	2.6	30.0
Chlorobenzene	Ave	0.6992	0.7062		10.1	10.0	1.0	30.0
Ethylbenzene	Ave	1.123	1.215		10.8	10.0	8.2	30.0
n-Nonane	Ave	0.5496	0.6112		11.1	10.0	11.2	30.0
m,p-Xylene	Ave	0.4390	0.4660		21.2	20.0	6.2	30.0
Xylene, o-	Ave	0.4206	0.4530		10.8	10.0	7.7	30.0
Styrene	Ave	0.6603	0.7351		11.1	10.0	11.3	30.0
Bromoform	Ave	0.5399	0.6006		11.1	10.0	11.2	30.0
Cumene	Ave	1.268	1.406		11.1	10.0	10.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6857	0.6933		10.1	10.0	1.1	30.0
n-Propylbenzene	Ave	1.618	1.776		11.0	10.0	9.7	30.0
1,2,3-Trichloropropane	Ave	0.5576	0.5987		10.7	10.0	7.4	30.0
n-Decane	Ave	0.7772	0.8476		10.9	10.0	9.1	30.0
4-Ethyltoluene	Ave	1.338	1.463		10.9	10.0	9.3	30.0
2-Chlorotoluene	Ave	1.133	1.245		11.0	10.0	9.8	30.0
1,3,5-Trimethylbenzene	Ave	1.098	1.226		11.2	10.0	11.6	30.0
Alpha Methyl Styrene	Ave	0.5148	0.5975		11.6	10.0	16.1	30.0
tert-Butylbenzene	Ave	1.063	1.181		11.1	10.0	11.1	30.0
1,2,4-Trimethylbenzene	Ave	1.115	1.271		11.4	10.0	13.9	30.0
sec-Butylbenzene	Ave	1.640	1.804		11.0	10.0	10.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Lab Sample ID: CCVIS 200-83984/2 Calibration Date: 01/29/2015 11:49

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11880-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.382	1.545		11.2	10.0	11.8	30.0
1,3-Dichlorobenzene	Ave	0.8076	0.8638		10.7	10.0	7.0	30.0
1,4-Dichlorobenzene	Ave	0.8033	0.8631		10.7	10.0	7.4	30.0
Benzyl chloride	Ave	0.9928	1.142		11.5	10.0	15.0	30.0
n-Undecane	Ave	0.9011	0.9833		10.9	10.0	9.1	30.0
n-Butylbenzene	Ave	1.337	1.507		11.3	10.0	12.7	30.0
1,2-Dichlorobenzene	Ave	0.7665	0.8222		10.7	10.0	7.3	30.0
n-Dodecane	Ave	0.8153	0.8782		10.8	10.0	7.7	30.0
1,2,4-Trichlorobenzene	Ave	0.6603	0.7068		10.7	10.0	7.0	30.0
Hexachlorobutadiene	Ave	0.6288	0.7172		11.4	10.0	14.1	30.0
Naphthalene	Ave	1.292	1.482		11.5	10.0	14.7	30.0
1,2,3-Trichlorobenzene	Ave	0.5822	0.6411		11.0	10.0	10.1	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-002.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Jan-2015 11:49:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011880-002
Misc. Info.: ccvis
Operator ID: wrd Instrument ID: CHX.i
Sublist: chrom-TO15_LLNJ_TO3_CHX.i.m*sub3

Method: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 29-Jan-2015 13:06:05 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: desjardinsb Date: 29-Jan-2015 13:06:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.038	3.038	0.000	97	97636	10.0	10.1	
2 Dichlorodifluoromethane	85	3.113	3.113	0.000	89	410119	10.0	11.7	
3 Chlorodifluoromethane	51	3.162	3.162	0.000	76	229609	10.0	11.1	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.376	3.376	0.000	90	330570	10.0	10.2	
5 Chloromethane	50	3.520	3.520	0.000	89	110671	10.0	9.81	
6 Butane	43	3.713	3.713	0.000	95	193673	10.0	10.4	
7 Vinyl chloride	62	3.755	3.755	0.000	82	125184	10.0	9.84	
8 Butadiene	54	3.830	3.830	0.000	95	92850	10.0	10.6	
$ 19 BFB									
9 Bromomethane	94	4.510	4.510	0.000	98	102882	10.0	9.89	
10 Chloroethane	64	4.740	4.740	0.000	98	55853	10.0	10.2	
11 2-Methylbutane	43	4.804	4.804	0.000	90	126613	10.0	10.5	
12 Vinyl bromide	106	5.130	5.130	0.000	90	113241	10.0	9.52	
13 Trichlorofluoromethane	101	5.216	5.216	0.000	85	411383	10.0	11.4	
14 Pentane	43	5.350	5.350	0.000	96	202918	10.0	9.94	
15 Ethanol	45	5.799	5.799	0.000	99	72643	15.0	12.3	
16 Ethyl ether	59	5.868	5.868	0.000	89	79725	10.0	9.91	
18 1,1,2-Trichloro-1,2,2-trif	101	6.275	6.275	0.000	95	241816	10.0	9.93	
17 Acrolein	56	6.275	6.275	0.000	41	36445	10.0	9.89	
20 1,1-Dichloroethene	96	6.334	6.334	0.000	85	107995	10.0	9.78	
21 Acetone	43	6.580	6.580	0.000	79	213876	10.0	10.8	
22 Carbon disulfide	76	6.730	6.730	0.000	100	310681	10.0	9.39	
23 Isopropyl alcohol	45	6.858	6.858	0.000	97	155611	10.0	9.84	
24 3-Chloro-1-propene	41	7.126	7.126	0.000	86	156201	10.0	10.4	
25 Acetonitrile	41	7.275	7.275	0.000	97	83108	10.0	10.1	
26 Methylene Chloride	49	7.415	7.415	0.000	93	142809	10.0	9.74	
28 2-Methyl-2-propanol	59	7.623	7.623	0.000	98	228811	10.0	10.2	
29 Methyl tert-butyl ether	73	7.800	7.800	0.000	96	377897	10.0	11.0	
30 trans-1,2-Dichloroethene	61	7.843	7.843	0.000	89	193972	10.0	10.7	
31 Acrylonitrile	53	8.024	8.024	0.000	93	85643	10.0	9.91	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.217	8.217	0.000	91	180085	10.0	10.1	
33 1,1-Dichloroethane	63	8.731	8.731	0.000	94	232540	10.0	9.93	
34 Vinyl acetate	43	8.795	8.795	0.000	100	344034	10.0	10.5	
35 cis-1,2-Dichloroethene	96	9.849	9.849	0.000	91	131465	10.0	9.77	
36 2-Butanone (MEK)	72	9.902	9.902	0.000	96	64788	10.0	8.91	
37 Ethyl acetate	88	9.924	9.924	0.000	75	10358	10.0	9.92	
S 38 1,2-Dichloroethene, Total	61				0		20.0	20.5	
39 Tetrahydrofuran	42	10.309	10.309	0.000	87	156357	10.0	9.73	
* 40 Chlorobromomethane	128	10.319	10.319	0.000	92	127900	10.0	10.0	
41 Chloroform	83	10.448	10.448	0.000	92	317400	10.0	10.9	
42 Cyclohexane	84	10.689	10.689	0.000	94	188814	10.0	9.78	
43 1,1,1-Trichloroethane	97	10.726	10.726	0.000	93	359435	10.0	11.4	
44 Carbon tetrachloride	117	10.972	10.972	0.000	90	391914	10.0	11.4	
45 Isooctane	57	11.405	11.405	0.000	98	760849	10.0	9.98	
46 Benzene	78	11.459	11.459	0.000	95	470246	10.0	9.74	
47 1,2-Dichloroethane	62	11.657	11.657	0.000	92	252449	10.0	12.3	
48 n-Heptane	43	11.796	11.796	0.000	95	306205	10.0	10.5	
* 50 1,4-Difluorobenzene	114	12.320	12.320	0.000	95	758058	10.0	10.0	
51 n-Butanol	56	12.695	12.695	0.000	89	86003	10.0	9.59	
52 Trichloroethene	95	12.796	12.796	0.000	94	225771	10.0	10.5	
53 1,2-Dichloropropane	63	13.401	13.401	0.000	88	199626	10.0	10.1	
54 Methyl methacrylate	69	13.545	13.545	0.000	88	193894	10.0	10.6	
55 1,4-Dioxane	88	13.610	13.610	0.000	82	75769	10.0	9.42	
56 Dibromomethane	174	13.668	13.668	0.000	94	221673	10.0	10.6	
57 Dichlorobromomethane	83	13.968	13.968	0.000	95	421821	10.0	11.7	
58 cis-1,3-Dichloropropene	75	14.942	14.942	0.000	95	314288	10.0	11.3	
A 59 Total Hydrocarbons	1	14.960	(3.012-26.909)		0	128597253	NC	NC	
A 60 TVOC as Toluene	1	14.960	(3.012-26.909)		0	128597253	10.0	3427.8	
61 4-Methyl-2-pentanone (MIBK	43	15.236	15.236	0.000	98	468930	10.0	11.6	
62 Toluene	92	15.551	15.551	0.000	93	398300	10.0	10.4	
A 63 Toluene Range	1		(15.541-15.561)				ND	ND	
66 n-Octane	43	15.584	15.584	0.000	94	518344	10.0	11.8	
A 65 GRO	1	15.584	(15.584-15.584)		0	3581848	10.0	0	
A 64 C8 Range	1		(15.574-15.594)				ND	ND	
67 trans-1,3-Dichloropropene	75	16.172	16.172	0.000	95	344274	10.0	11.4	
68 1,1,2-Trichloroethane	83	16.557	16.557	0.000	89	193953	10.0	9.93	
69 Tetrachloroethene	166	16.653	16.653	0.000	84	339758	10.0	10.5	
70 2-Hexanone	43	17.007	17.007	0.000	98	454723	10.0	11.3	
71 Chlorodibromomethane	129	17.344	17.344	0.000	97	431380	10.0	11.0	
72 Ethylene Dibromide	107	17.632	17.632	0.000	98	352073	10.0	10.3	
* 73 Chlorobenzene-d5	117	18.531	18.531	0.000	80	776793	10.0	10.0	
74 Chlorobenzene	112	18.595	18.595	0.000	92	548432	10.0	10.1	
75 Ethylbenzene	91	18.740	18.740	0.000	97	943534	10.0	10.8	
76 n-Nonane	57	18.836	18.836	0.000	93	474654	10.0	11.1	
77 m-Xylene & p-Xylene	106	18.991	18.991	0.000	98	723798	20.0	21.2	
78 o-Xylene	106	19.799	19.799	0.000	93	351788	10.0	10.8	
79 Styrene	104	19.847	19.847	0.000	93	570941	10.0	11.1	
S 80 Xylenes, Total	106				0		30.0	32.0	
81 Bromoform	173	20.254	20.254	0.000	97	466429	10.0	11.1	
82 Isopropylbenzene	105	20.430	20.430	0.000	96	1091897	10.0	11.1	
* 83 4-Bromofluorobenzene	95	20.789	20.789	0.000	90	606611	10.0	10.0	
85 1,1,2,2-Tetrachloroethane	83	21.051	21.051	0.000	90	538425	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
86 N-Propylbenzene	91	21.110	21.110	0.000	98	1379122	10.0	11.0	
87 1,2,3-Trichloropropane	75	21.147	21.147	0.000	90	464988	10.0	10.7	
88 n-Decane	57	21.254	21.254	0.000	91	658306	10.0	10.9	
89 4-Ethyltoluene	105	21.292	21.292	0.000	94	1136245	10.0	10.9	
90 2-Chlorotoluene	91	21.308	21.308	0.000	96	966540	10.0	11.0	
91 1,3,5-Trimethylbenzene	105	21.388	21.388	0.000	92	951929	10.0	11.2	
92 Alpha Methyl Styrene	118	21.741	21.741	0.000	86	464059	10.0	11.6	
93 tert-Butylbenzene	119	21.859	21.859	0.000	89	916908	10.0	11.1	
94 1,2,4-Trimethylbenzene	105	21.950	21.950	0.000	97	986778	10.0	11.4	
95 sec-Butylbenzene	105	22.174	22.174	0.000	98	1401126	10.0	11.0	
96 4-Isopropyltoluene	119	22.372	22.372	0.000	90	1199933	10.0	11.2	
97 1,3-Dichlorobenzene	146	22.415	22.415	0.000	94	670886	10.0	10.7	
98 1,4-Dichlorobenzene	146	22.554	22.554	0.000	94	670311	10.0	10.7	
99 Benzyl chloride	91	22.763	22.763	0.000	98	886917	10.0	11.5	
100 Undecane	57	22.961	22.961	0.000	81	763648	10.0	10.9	
101 n-Butylbenzene	91	22.966	22.966	0.000	96	1170372	10.0	11.3	
102 1,2-Dichlorobenzene	146	23.116	23.116	0.000	94	638578	10.0	10.7	
103 Dodecane	57	24.630	24.630	0.000	95	682076	10.0	10.8	
104 1,2,4-Trichlorobenzene	180	25.780	25.780	0.000	93	548917	10.0	10.7	
105 Hexachlorobutadiene	225	25.962	25.962	0.000	93	556982	10.0	11.4	
106 Naphthalene	128	26.315	26.315	0.000	99	1150974	10.0	11.5	
107 1,2,3-Trichlorobenzene	180	26.829	26.829	0.000	94	497903	10.0	11.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

7 - Failed Limit of Detection

Reagents:

ATTO15CAL4w_00434	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

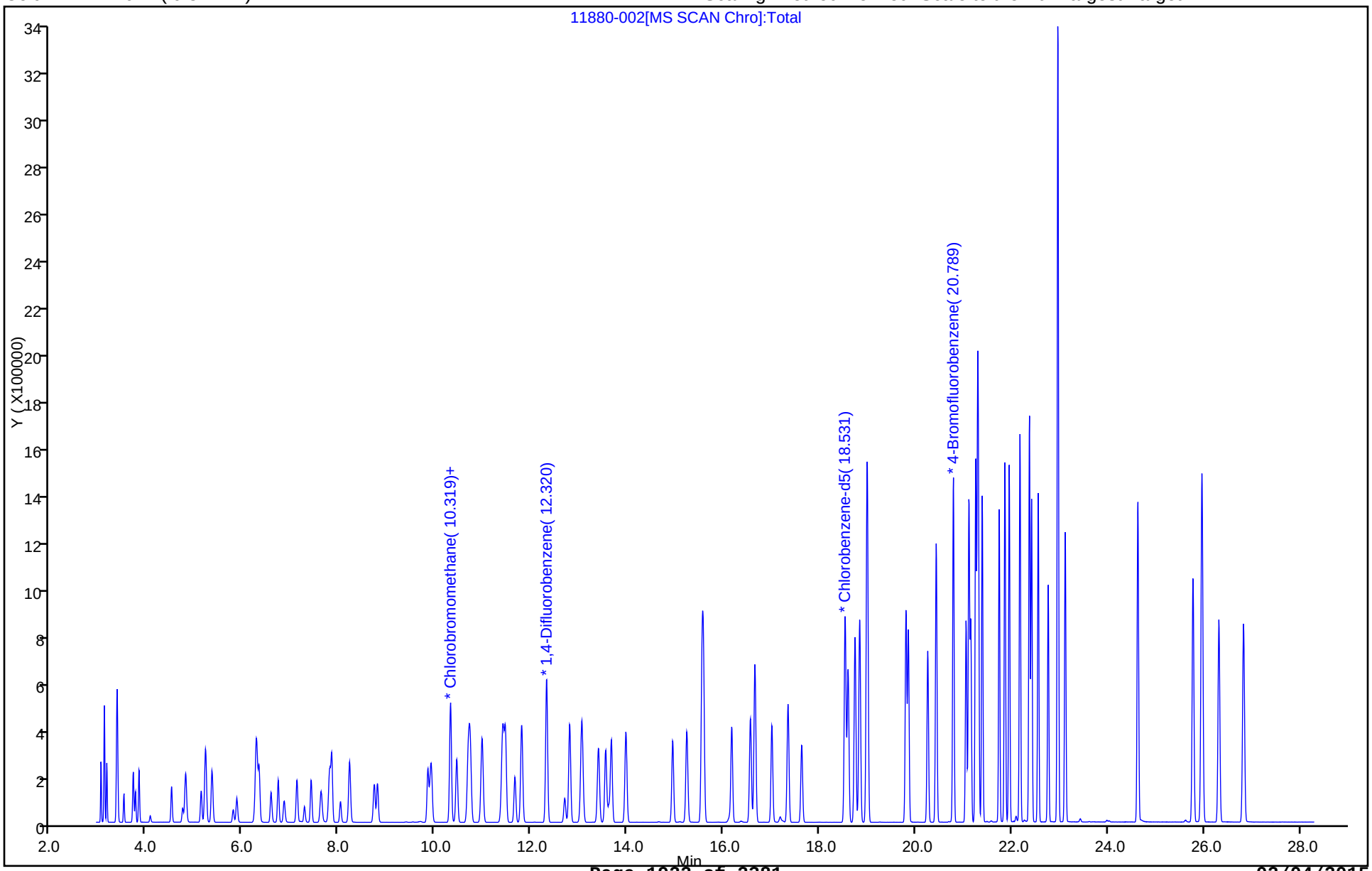
Report Date: 29-Jan-2015 13:06:06 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-002.D

Injection Date:	29-Jan-2015 11:49:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_01.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	20-Jan-2015 12:01:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0011709-001				
Misc. Info.:	bfb				
Operator ID:	pad	Instrument ID:	CHB.i		
Method:	\\Btv-lims1\chromdata\CHB.i\20150120-11709.b\TO15_LLNJ_TO3.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	21-Jan-2015 10:33:32	Calib Date:	20-Jan-2015 23:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK032				

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
13 BFB									
* 44 Chlorobromomethane	128	8.648	8.648	0.000	1	161	10.0	10.0	s
* 54 1,4-Difluorobenzene	114		11.283				10.0	ND	
* 76 Chlorobenzene-d5	117		15.376				10.0	ND	
$ 86 4-Bromofluorobenzene	95		16.801				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

s - Failed ISTD Recovery Test

Reagents:

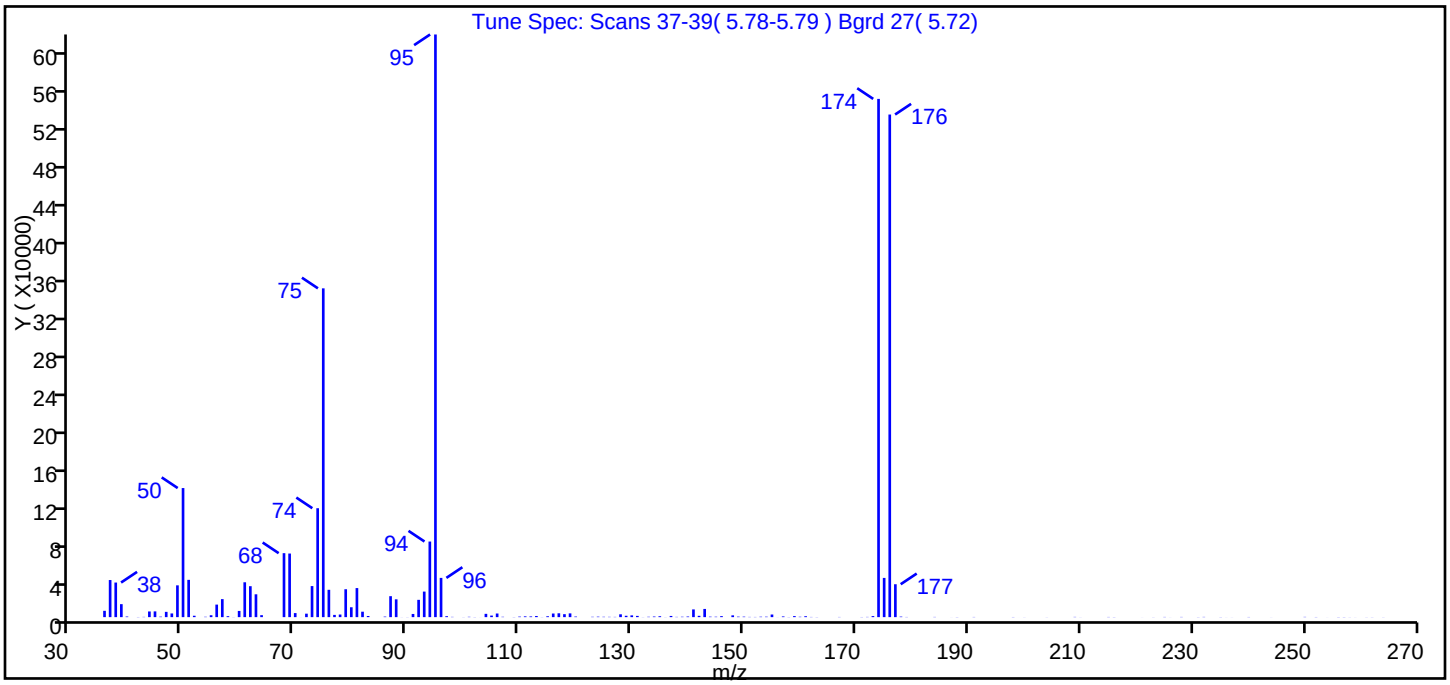
ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_01.D
Injection Date: 20-Jan-2015 12:01:30 Instrument ID: CHB.i
Lims ID: bfb
Client ID:
Operator ID: pad ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 0.0 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	22.2
75	30.0 to 66.0 Percent of m/e 95	56.4
96	5.0 to 9.0 Percent of m/e 95	6.7
173	Less than 2.0 Percent of m/e 174	0.2 (0.2)
174	50.0 to 120.0 Percent of m/e 95	88.9
175	4.0 to 9.0 Percent of m/e 174	6.7 (7.6)
176	93.0 to 101.0 Percent of m/e 174	86.3 (97.0)
177	5.0 to 9.0 Percent of m/e 176	5.6 (6.5)

Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_01.D\TO15_LLNJ_TO3.rslt\spectra.d
Injection Date: 20-Jan-2015 12:01:30
Spectrum: Tune Spec: Scans 37-39(5.78-5.79) Bgrd 27(5.72)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 161

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6700	82.00	5775	129.00	1452	177.00	34888
37.00	39344	83.00	1211	130.00	1876	178.00	565
38.00	36672	86.00	569	131.00	1323	179.00	186
39.00	13777	87.00	22224	132.00	90	184.00	224
40.00	663	88.00	18888	133.00	379	187.00	35
42.00	159	89.00	61	134.00	651	188.00	130
43.00	258	90.00	94	135.00	963	189.00	3
44.00	6028	91.00	3375	136.00	83	191.00	196
45.00	6101	92.00	18352	137.00	1271	198.00	161
46.00	519	93.00	27096	138.00	265	199.00	11
47.00	5603	94.00	80144	139.00	425	200.00	66
48.00	3923	95.00	617664	140.00	657	204.00	70
49.00	33712	96.00	41616	141.00	8188	209.00	255
50.00	136832	97.00	1013	142.00	1400	210.00	61
51.00	39536	98.00	278	143.00	8696	215.00	201
52.00	1482	100.00	91	144.00	506	216.00	137
54.00	379	101.00	349	145.00	450	221.00	36
55.00	2013	102.00	125	146.00	1055	223.00	79
56.00	13296	103.00	35	148.00	1903	225.00	218
57.00	19104	104.00	3503	149.00	529	226.00	43
58.00	1020	105.00	1657	150.00	522	228.00	222
59.00	102	106.00	3849	151.00	241	231.00	120
60.00	6578	107.00	365	152.00	203	232.00	252
61.00	36960	109.00	146	153.00	457	235.00	128
62.00	32808	110.00	573	154.00	480	236.00	41
63.00	24224	111.00	831	155.00	2789	237.00	48
64.00	2092	112.00	771	156.00	40	240.00	180
68.00	67808	113.00	1212	157.00	744	244.00	45
69.00	67424	114.00	97	158.00	137	250.00	269
70.00	4296	115.00	937	159.00	1098	252.00	163
71.00	42	116.00	3839	160.00	409	254.00	34
72.00	3683	117.00	4087	161.00	977	256.00	150
73.00	32928	118.00	3147	162.00	203	257.00	142

Report Date: 21-Jan-2015 10:33:33 Chrom Revision: 2.2 15-Jan-2015 13:05:58
Data File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_01.D\TO15_LLNJ_TO3.rslt\spectra.d
Injection Date: 20-Jan-2015 12:01:30
Spectrum: Tune Spec: Scans 37-39(5.78-5.79) Bgrd 27(5.72)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 161

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	115472	119.00	3992	163.00	131	258.00	76
75.00	348544	120.00	618	167.00	198	259.00	47
76.00	28984	123.00	358	171.00	160	261.00	81
77.00	2382	124.00	509	172.00	245	262.00	93
78.00	2774	125.00	370	173.00	1094	264.00	84
79.00	29576	126.00	314	174.00	549376		
80.00	10478	127.00	256	175.00	41584		
81.00	30816	128.00	3004	176.00	532800		

TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_01a.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	29-Jan-2015 10:39:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0011879-001				
Misc. Info.:	bfb				
Operator ID:	pad	Instrument ID:	CHB.i		
Method:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	30-Jan-2015 15:02:51	Calib Date:	20-Jan-2015 23:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK010				

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
13 BFB									
* 44 Chlorobromomethane	128	8.675	8.675	0.000	8	210	10.0	10.0	
* 54 1,4-Difluorobenzene	114		11.272				10.0	ND	
* 76 Chlorobenzene-d5	117		15.371				10.0	ND	
$ 86 4-Bromofluorobenzene	95		16.795				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

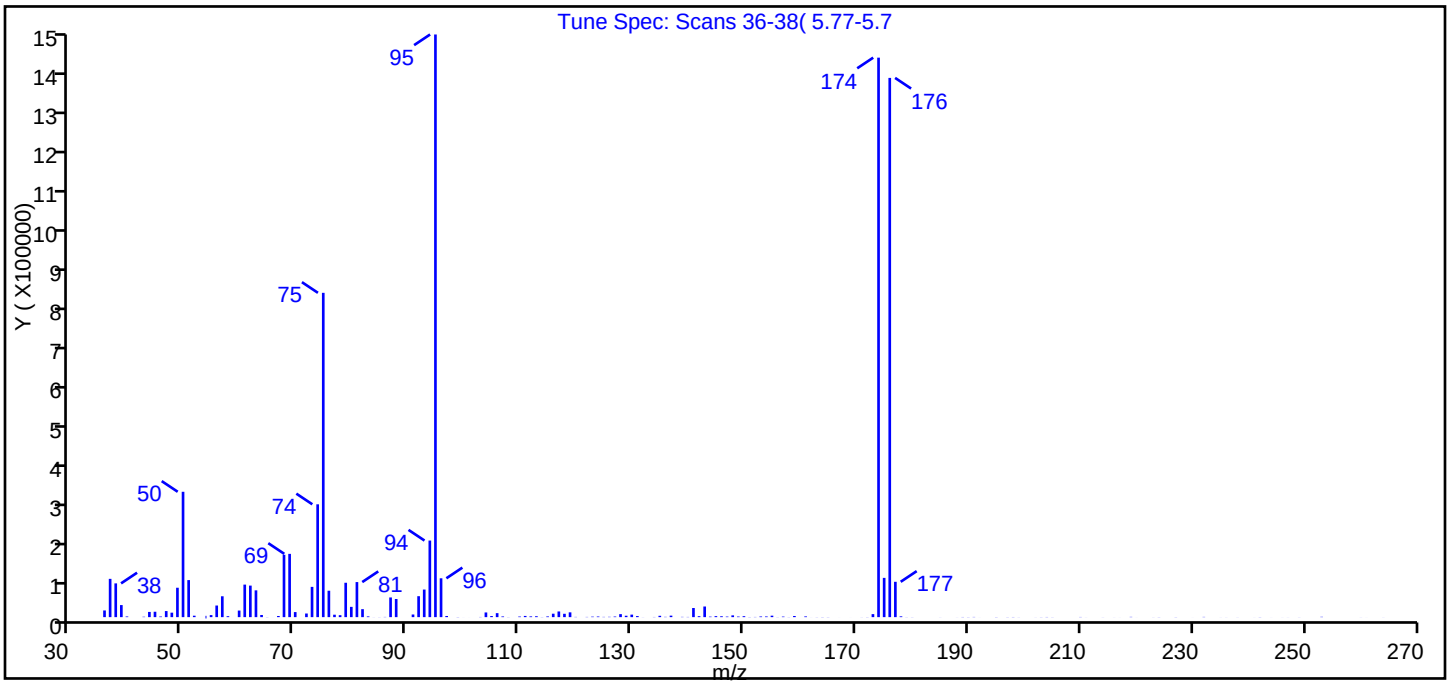
ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

TestAmerica Burlington

Data File:	\\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_01a.D				
Injection Date:	29-Jan-2015 10:39:30	Instrument ID:	CHB.i		
Lims ID:	bfb				
Client ID:					
Operator ID:	pad	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Tune Method:	BFB Method TO-15				

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	21.5
75	30.0 to 66.0 Percent of m/e 95	55.7
96	5.0 to 9.0 Percent of m/e 95	6.7
173	Less than 2.0 Percent of m/e 174	0.5 (0.5)
174	50.0 to 120.0 Percent of m/e 95	96.0
175	4.0 to 9.0 Percent of m/e 174	6.7 (7.0)
176	93.0 to 101.0 Percent of m/e 174	92.5 (96.4)
177	5.0 to 9.0 Percent of m/e 176	6.1 (6.6)

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_01a.D\TO15_LLNJ_TO3.rslt\spectra.d
Injection Date: 29-Jan-2015 10:39:30
Spectrum: Tune Spec: Scans 36-38(5.77-5.7
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 167

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	16408	83.00	1802	131.00	2622	179.00	220
37.00	93904	84.00	137	132.00	155	180.00	215
38.00	82808	85.00	202	134.00	418	185.00	131
39.00	29592	86.00	502	135.00	3303	188.00	102
40.00	1673	87.00	48296	136.00	690	189.00	391
43.00	946	88.00	44488	137.00	3674	190.00	284
44.00	12800	91.00	6498	139.00	641	191.00	495
45.00	13230	92.00	51392	140.00	507	192.00	66
46.00	1552	93.00	67688	141.00	22384	195.00	332
47.00	14920	94.00	187840	142.00	2314	197.00	264
48.00	10974	95.00	1428992	143.00	26088	198.00	378
49.00	72104	96.00	95304	144.00	1248	199.00	168
50.00	307456	97.00	2818	145.00	2491	202.00	120
51.00	90856	99.00	358	146.00	2137	203.00	246
52.00	3536	100.00	60	147.00	1381	204.00	406
54.00	3	101.00	43	148.00	4349	205.00	208
55.00	4999	103.00	435	149.00	1435	210.00	448
56.00	28496	104.00	11497	150.00	2307	211.00	91
57.00	51184	105.00	2683	151.00	362	214.00	139
58.00	2309	106.00	9800	152.00	479	216.00	95
60.00	16135	107.00	1705	153.00	1634	217.00	67
61.00	79784	108.00	247	154.00	1696	219.00	651
62.00	77360	110.00	1485	155.00	3598	220.00	54
63.00	65728	111.00	2963	156.00	226	223.00	136
64.00	5277	112.00	1873	157.00	1337	224.00	259
65.00	272	113.00	2245	158.00	249	227.00	277
66.00	34	114.00	299	159.00	2790	230.00	54
67.00	2821	115.00	1738	161.00	1786	232.00	575
68.00	152960	116.00	8451	162.00	75	235.00	92
69.00	155200	117.00	13930	163.00	218	236.00	115
70.00	12412	118.00	8242	164.00	338	238.00	127
72.00	8928	119.00	11773	165.00	268	241.00	78
73.00	74216	120.00	546	167.00	45	242.00	281

Report Date: 30-Jan-2015 15:02:51 Chrom Revision: 2.2 15-Jan-2015 13:05:58
Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_01a.D\TO15_LLNJ_TO3.rslt\spectra.d
Injection Date: 29-Jan-2015 10:39:30
Spectrum: Tune Spec: Scans 36-38(5.77-5.7
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 167

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	276736	122.00	517	169.00	48	244.00	62
75.00	795392	123.00	1221	171.00	145	246.00	79
76.00	64792	124.00	1543	172.00	278	247.00	102
77.00	5976	125.00	602	173.00	7423	249.00	159
78.00	4789	126.00	773	174.00	1372160	253.00	790
79.00	84328	127.00	1465	175.00	96296	260.00	117
80.00	25200	128.00	7357	176.00	1322496	261.00	53
81.00	86016	129.00	3436	177.00	86696	264.00	106
82.00	19584	130.00	6187	178.00	1925		

TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_01.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	19-Jan-2015 15:10:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0011695-001				
Misc. Info.:	bfb				
Operator ID:	bpl	Instrument ID:	CHG.i		
Method:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\TO15_LLNJ_TO3_G.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	23-Jan-2015 13:31:10	Calib Date:	20-Jan-2015 08:44:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK007				
First Level Reviewer: lyonsb		Date:	21-Jan-2015 10:12:55		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
13 BFB									
* 43 Chlorobromomethane	128		10.226				10.0	ND	
* 54 1,4-Difluorobenzene	114		12.221				10.0	ND	
* 76 Chlorobenzene-d5	117		18.373				10.0	ND	
* 87 4-Bromofluorobenzene	95		20.781				10.0	ND	

Reagents:

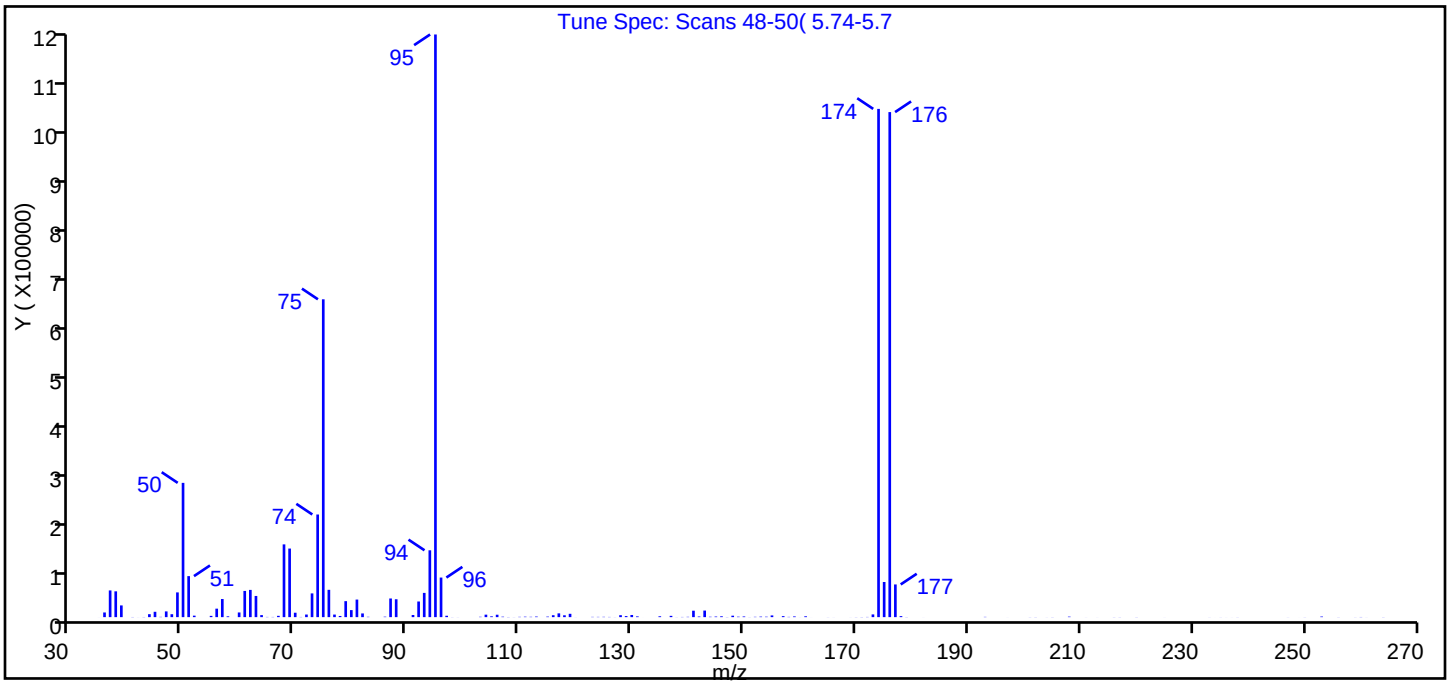
ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_01.D
Injection Date: 19-Jan-2015 15:10:30 Instrument ID: CHG.i
Lims ID: BFB
Client ID:
Operator ID: bpl ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 0.0 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	23.0
75	30.0 to 66.0 Percent of m/e 95	54.6
96	5.0 to 9.0 Percent of m/e 95	6.8
173	Less than 2.0 Percent of m/e 174	0.5 (0.5)
174	50.0 to 120.0 Percent of m/e 95	87.2
175	4.0 to 9.0 Percent of m/e 174	6.0 (6.9)
176	93.0 to 101.0 Percent of m/e 174	86.7 (99.4)
177	5.0 to 9.0 Percent of m/e 176	5.6 (6.5)

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_01.D\TO15_LLNJ_TO3_G.rslt\spectra.d
Injection Date: 19-Jan-2015 15:10:30
Spectrum: Tune Spec: Scans 48-50(5.74-5.7
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 153

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	53	77.00	4898	126.00	391	173.00	5189
36.00	8885	78.00	2217	127.00	124	174.00	965568
37.00	50760	79.00	30368	128.00	3694	175.00	66768
38.00	49040	80.00	13367	129.00	2007	176.00	959488
39.00	22272	81.00	33392	130.00	4092	177.00	62128
41.00	289	82.00	7044	131.00	1387	178.00	1914
42.00	76	83.00	646	132.00	20	179.00	218
43.00	287	86.00	868	135.00	1640	182.00	51
44.00	5627	87.00	35448	137.00	2462	193.00	501
45.00	10167	88.00	33992	138.00	124	197.00	54
46.00	505	91.00	4056	139.00	373	201.00	156
47.00	10917	92.00	29736	140.00	585	202.00	188
48.00	5577	93.00	46072	141.00	12229	204.00	83
49.00	47008	94.00	127000	142.00	1175	205.00	181
50.00	255104	95.00	1106944	143.00	12496	208.00	945
51.00	77944	96.00	75224	144.00	738	211.00	71
52.00	2829	97.00	2631	145.00	1141	213.00	57
54.00	6	98.00	142	146.00	1590	216.00	170
55.00	2425	99.00	103	147.00	241	217.00	176
56.00	16112	103.00	655	148.00	2752	220.00	191
57.00	34424	104.00	4716	149.00	854	225.00	58
58.00	1551	105.00	1521	150.00	1261	233.00	98
60.00	8876	106.00	4596	151.00	150	234.00	22
61.00	49776	107.00	867	152.00	605	235.00	99
62.00	51760	108.00	286	153.00	1012	236.00	53
63.00	40240	109.00	129	154.00	835	237.00	50
64.00	3862	110.00	560	155.00	3263	238.00	132
65.00	387	111.00	865	157.00	1912	247.00	96
66.00	361	112.00	624	158.00	478	249.00	27
67.00	2507	113.00	1115	159.00	1340	250.00	139
68.00	138240	115.00	1010	160.00	61	253.00	1117
69.00	130312	116.00	3652	161.00	1609	256.00	166
70.00	8380	117.00	7183	162.00	32	259.00	121

Report Date: 23-Jan-2015 13:31:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_01.D\TO15_LLNJ_TO3_G.rslt\spectra.d
Injection Date: 19-Jan-2015 15:10:30
Spectrum: Tune Spec: Scans 48-50(5.74-5.7
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 153

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	356	118.00	3533	165.00	113	260.00	308
72.00	4953	119.00	6344	166.00	60	261.00	72
73.00	45120	120.00	68	169.00	74	264.00	187
74.00	195008	123.00	503	170.00	183		
75.00	603840	124.00	486	171.00	253		
76.00	51904	125.00	583	172.00	380		

TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_01.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	30-Jan-2015 08:44:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0011892-001				
Misc. Info.:	bfb				
Operator ID:	bpl	Instrument ID:	CHG.i		
Method:	\\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\TO15_LLNJ_TO3_G.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	30-Jan-2015 16:49:30	Calib Date:	20-Jan-2015 08:44:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK010				

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
17 BFB									
* 38 Chlorobromomethane	128		10.210				10.0	ND	
* 48 1,4-Difluorobenzene	114		12.205				10.0	ND	
* 70 Chlorobenzene-d5	117		18.363				10.0	ND	
* 80 4-Bromofluorobenzene	95		20.770				10.0	ND	

Reagents:

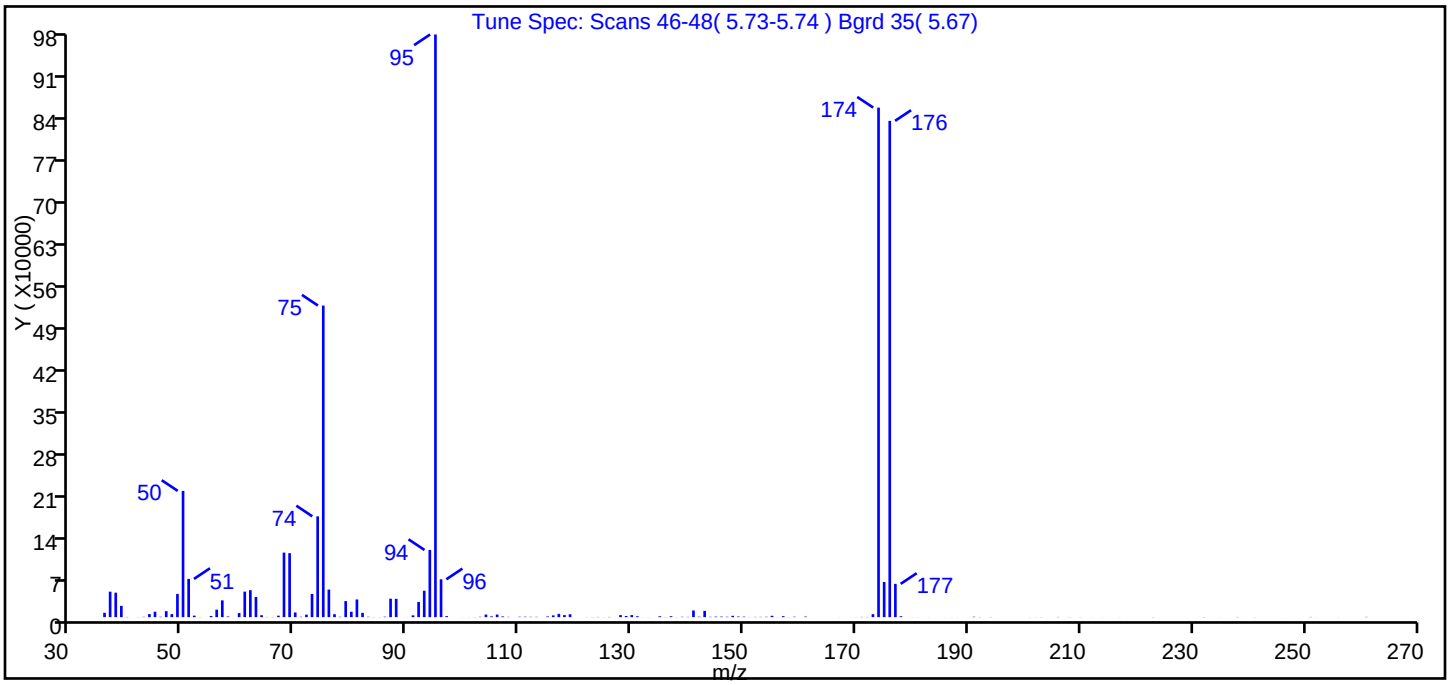
ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_01.D
Injection Date: 30-Jan-2015 08:44:30 Instrument ID: CHG.i
Lims ID: BFB
Client ID:
Operator ID: bpl ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 0.0 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

17 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	21.7
75	30.0 to 66.0 Percent of m/e 95	53.5
96	5.0 to 9.0 Percent of m/e 95	6.5
173	Less than 2.0 Percent of m/e 174	0.5 (0.6)
174	50.0 to 120.0 Percent of m/e 95	87.5
175	4.0 to 9.0 Percent of m/e 174	6.0 (6.9)
176	93.0 to 101.0 Percent of m/e 174	85.2 (97.4)
177	5.0 to 9.0 Percent of m/e 176	5.7 (6.7)

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_01.D\TO15_LLNJ_TO3_G.rslt\spectra.d
Injection Date: 30-Jan-2015 08:44:30
Spectrum: Tune Spec: Scans 46-48(5.73-5.74) Bgrd 35(5.67)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 160

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	7322	79.00	27016	125.00	180	173.00	4987
37.00	42840	80.00	9113	126.00	364	174.00	856704
38.00	41128	81.00	29728	128.00	3427	175.00	59096
39.00	18960	82.00	7188	129.00	1967	176.00	834432
40.00	374	83.00	640	130.00	3489	177.00	55960
42.00	177	84.00	242	131.00	1489	178.00	1503
43.00	455	85.00	178	132.00	125	180.00	133
44.00	5164	86.00	750	133.00	103	181.00	127
45.00	9131	87.00	31024	135.00	1459	183.00	83
46.00	628	88.00	30824	136.00	243	186.00	68
47.00	10135	90.00	50	137.00	1548	187.00	99
48.00	5099	91.00	3011	138.00	120	188.00	86
49.00	39008	92.00	25504	139.00	564	189.00	36
50.00	212288	93.00	44424	140.00	446	190.00	61
51.00	64280	94.00	112952	141.00	11197	191.00	689
52.00	2565	95.00	979648	142.00	772	192.00	291
53.00	230	96.00	63664	143.00	10552	194.00	268
55.00	1921	97.00	1679	144.00	551	195.00	33
56.00	12617	100.00	69	145.00	879	201.00	136
57.00	28184	101.00	118	146.00	888	202.00	140
58.00	1071	102.00	218	147.00	636	203.00	194
60.00	6899	103.00	559	148.00	2249	206.00	344
61.00	42912	104.00	4353	149.00	994	208.00	222
62.00	45392	105.00	1303	150.00	821	209.00	33
63.00	33928	106.00	4372	151.00	188	210.00	160
64.00	3201	107.00	1215	152.00	432	212.00	73
65.00	284	108.00	452	153.00	468	214.00	59
66.00	231	110.00	647	154.00	570	217.00	97
67.00	2447	111.00	712	155.00	2286	223.00	216
68.00	108504	112.00	548	156.00	112	224.00	77
69.00	107616	113.00	499	157.00	1698	232.00	249
70.00	7875	115.00	1144	158.00	171	235.00	65
71.00	595	116.00	2972	159.00	699	237.00	60

Report Date: 30-Jan-2015 16:49:30 Chrom Revision: 2.2 15-Jan-2015 13:05:58
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_01.D\TO15_LLNJ_TO3_G.rslt\spectra.d
Injection Date: 30-Jan-2015 08:44:30
Spectrum: Tune Spec: Scans 46-48(5.73-5.74) Bgrd 35(5.67)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 160

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	4203	117.00	5500	161.00	923	238.00	301
73.00	39056	118.00	3443	163.00	31	241.00	156
74.00	169472	119.00	4886	167.00	97	246.00	53
75.00	523904	121.00	29	169.00	58	251.00	333
76.00	46352	122.00	169	170.00	144	252.00	106
77.00	4895	123.00	230	171.00	355	256.00	95
78.00	578	124.00	352	172.00	311	261.00	417

TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_01.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	02-Feb-2015 08:48:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0011918-001				
Misc. Info.:	bfb				
Operator ID:	bpl	Instrument ID:	CHG.i		
Method:	\\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\TO15_LLNJ_TO3_G.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	03-Feb-2015 09:43:14	Calib Date:	20-Jan-2015 08:44:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK021				

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
17 BFB									
* 38 Chlorobromomethane	128		10.210				10.0	ND	
* 48 1,4-Difluorobenzene	114		12.205				10.0	ND	
* 70 Chlorobenzene-d5	117		18.363				10.0	ND	
* 80 4-Bromofluorobenzene	95		20.770				10.0	ND	

Reagents:

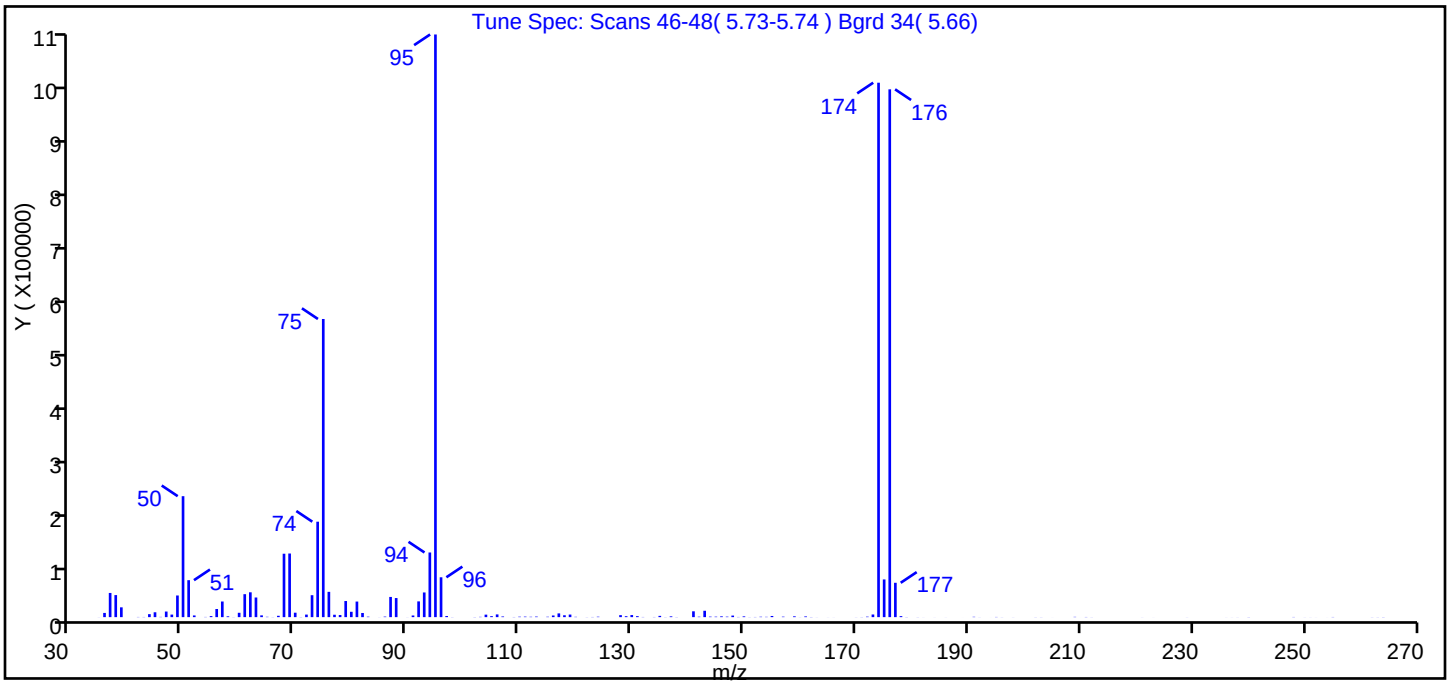
ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_01.D
Injection Date: 02-Feb-2015 08:48:30 Instrument ID: CHG.i
Lims ID: BFB
Client ID:
Operator ID: bpl ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 0.0 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

17 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	20.8
75	30.0 to 66.0 Percent of m/e 95	51.2
96	5.0 to 9.0 Percent of m/e 95	6.8
173	Less than 2.0 Percent of m/e 174	0.5 (0.5)
174	50.0 to 120.0 Percent of m/e 95	91.7
175	4.0 to 9.0 Percent of m/e 174	6.5 (7.1)
176	93.0 to 101.0 Percent of m/e 174	90.6 (98.8)
177	5.0 to 9.0 Percent of m/e 176	5.9 (6.5)

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_01.D\TO15_LLNJ_TO3_G.rslt\spectra.d
Injection Date: 02-Feb-2015 08:48:30
Spectrum: Tune Spec: Scans 46-48(5.73-5.74) Bgrd 34(5.66)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 160

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	115	77.00	4223	124.00	754	176.00	928000
36.00	7405	78.00	3714	128.00	3504	177.00	60408
37.00	42520	79.00	28336	129.00	1630	178.00	1762
38.00	38784	80.00	9428	130.00	3663	179.00	222
39.00	17248	81.00	27408	131.00	1721	181.00	149
42.00	324	82.00	7299	132.00	317	182.00	66
43.00	303	83.00	833	134.00	282	184.00	60
44.00	5249	85.00	108	135.00	2237	186.00	62
45.00	8577	86.00	939	136.00	182	189.00	19
46.00	414	87.00	35528	137.00	1373	190.00	6
47.00	9866	88.00	33568	138.00	227	191.00	584
48.00	4500	90.00	101	141.00	10267	192.00	110
49.00	38080	91.00	2897	142.00	772	194.00	26
50.00	212672	92.00	27712	143.00	11209	195.00	343
51.00	64984	93.00	43400	144.00	887	196.00	120
52.00	2980	94.00	113680	145.00	834	198.00	94
53.00	8	95.00	1024448	146.00	1384	202.00	147
54.00	352	96.00	70080	147.00	868	203.00	136
55.00	1843	97.00	1953	148.00	2747	205.00	37
56.00	14296	98.00	182	149.00	331	209.00	487
57.00	27496	102.00	237	150.00	1343	210.00	20
58.00	1447	103.00	495	151.00	172	211.00	297
59.00	164	104.00	4394	152.00	302	212.00	117
60.00	7661	105.00	1723	153.00	714	219.00	7
61.00	40376	106.00	4795	154.00	535	221.00	76
62.00	43696	107.00	1176	155.00	2043	223.00	45
63.00	34544	108.00	24	157.00	842	229.00	96
64.00	3129	109.00	272	159.00	1428	236.00	64
65.00	586	110.00	784	160.00	116	237.00	62
66.00	164	111.00	909	161.00	1252	238.00	92
67.00	2392	112.00	635	162.00	259	240.00	214
68.00	111504	113.00	989	163.00	94	248.00	314
69.00	111880	115.00	680	165.00	71	250.00	87

Report Date: 03-Feb-2015 09:43:14 Chrom Revision: 2.2 15-Jan-2015 13:05:58
Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_01.D\TO15_LLNJ_TO3_G.rslt\spectra.d
Injection Date: 02-Feb-2015 08:48:30
Spectrum: Tune Spec: Scans 46-48(5.73-5.74) Bgrd 34(5.66)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 160

m/z	Y	m/z	Y	m/z	Y	m/z	Y
70.00	7800	116.00	2902	166.00	63	251.00	83
71.00	259	117.00	6589	170.00	121	252.00	54
72.00	4499	118.00	3311	171.00	197	254.00	39
73.00	38584	119.00	4533	172.00	846	255.00	297
74.00	167808	120.00	543	173.00	4668	262.00	147
75.00	524224	122.00	154	174.00	939648	263.00	146
76.00	44480	123.00	298	175.00	66288	264.00	226

TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_003.d				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	23-Jan-2015 12:03:30	ALS Bottle#:	1	Worklist Smp#:	3
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0011767-003				
Misc. Info.:	BFB				
Operator ID:	pad	Instrument ID:	CHW.i		
Method:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\TO15_LLNJ_TO3_W_(v1).m				
Limit Group:	AI_TO15_ICAL				
Last Update:	26-Jan-2015 10:25:26	Calib Date:	23-Jan-2015 19:33:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK003				

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
13 BFB									
* 43 Chlorobromomethane	128		12.802				10.0	ND	
* 54 1,4-Difluorobenzene	114		14.685				10.0	ND	
* 76 Chlorobenzene-d5	117		20.382				10.0	ND	
$ 87 4-Bromofluorobenzene	95		22.399				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

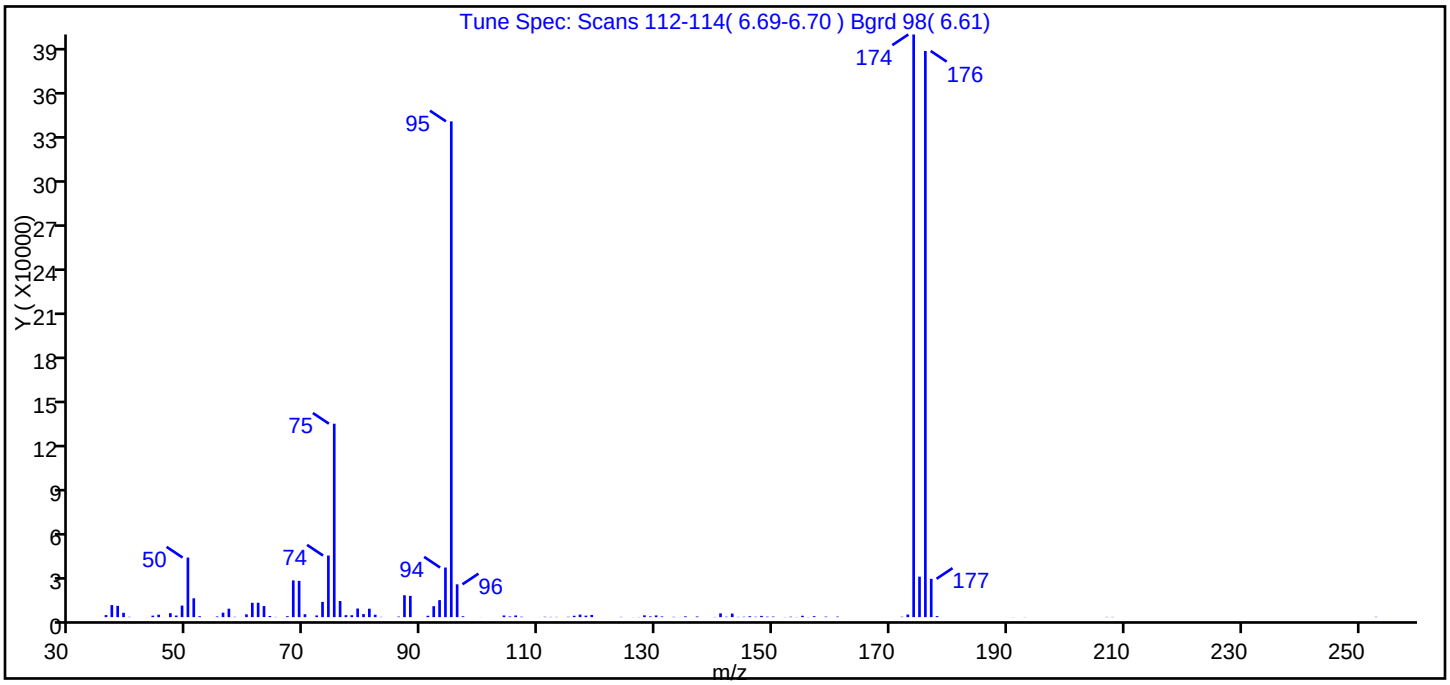
ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_003.d
Injection Date: 23-Jan-2015 12:03:30 Instrument ID: CHW.i
Lims ID: bfb
Client ID:
Operator ID: pad ALS Bottle#: 1 Worklist Smp#: 3
Injection Vol: 0.0 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	12.0
75	30.0 to 66.0 Percent of m/e 95	39.0
96	5.0 to 9.0 Percent of m/e 95	6.6
173	Less than 2.0 Percent of m/e 174	0.5 (0.4)
174	50.0 to 120.0 Percent of m/e 95	117.5
175	4.0 to 9.0 Percent of m/e 174	8.2 (6.9)
176	93.0 to 101.0 Percent of m/e 174	114.2 (97.2)
177	5.0 to 9.0 Percent of m/e 176	7.7 (6.8)

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_003.d\TO15_LLNJ_TO3_W_(v1).rslt\spectra.d
Injection Date: 23-Jan-2015 12:03:30
Spectrum: Tune Spec: Scans 112-114(6.69-6.70) Bgrd 98(6.61)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 109

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1380	69.00	24472	107.00	296	147.00	258
37.00	8123	70.00	1968	110.00	53	148.00	844
38.00	7615	72.00	1156	111.00	252	149.00	332
39.00	2931	73.00	10300	112.00	173	150.00	382
40.00	212	74.00	41560	113.00	170	152.00	109
41.00	18	75.00	130520	115.00	238	153.00	310
43.00	53	76.00	10899	116.00	936	154.00	121
44.00	1017	77.00	1341	117.00	1734	155.00	926
45.00	1647	78.00	1301	118.00	1005	156.00	111
46.00	50	79.00	5829	119.00	1484	157.00	644
47.00	2676	80.00	2081	124.00	186	159.00	362
48.00	1092	81.00	5693	126.00	58	161.00	376
49.00	7813	82.00	1640	127.00	121	172.00	265
50.00	40208	83.00	183	128.00	1228	173.00	1769
51.00	12720	86.00	380	129.00	488	174.00	393152
52.00	609	87.00	14779	130.00	1162	175.00	27312
55.00	452	88.00	14356	131.00	458	176.00	382016
56.00	3010	91.00	931	133.00	217	177.00	25880
57.00	5694	92.00	7397	134.00	56	178.00	715
58.00	213	93.00	11492	135.00	533	191.00	84
60.00	1913	94.00	33464	137.00	466	193.00	111
61.00	9661	95.00	334528	140.00	145	207.00	167
62.00	9731	96.00	22160	141.00	2536	208.00	158
63.00	7496	97.00	601	142.00	286	253.00	222
64.00	752	100.00	51	143.00	2417	260.00	19
65.00	142	104.00	1128	144.00	194		
67.00	636	105.00	459	145.00	259		
68.00	24784	106.00	1134	146.00	602		

TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_001.d				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	29-Jan-2015 10:35:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0011878-001				
Misc. Info.:	BFB				
Operator ID:	bpl	Instrument ID:	CHW.i		
Method:	\\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\TO15_LLNJ_TO3_W_(v1).m				
Limit Group:	AI_TO15_ICAL				
Last Update:	30-Jan-2015 09:12:02	Calib Date:	23-Jan-2015 19:33:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK047				

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
10 BFB									
* 40 Chlorobromomethane	128		12.823				10.0	ND	
* 50 1,4-Difluorobenzene	114		14.701				10.0	ND	
* 74 Chlorobenzene-d5	117		20.393				10.0	ND	
$ 83 4-Bromofluorobenzene	95		22.399				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

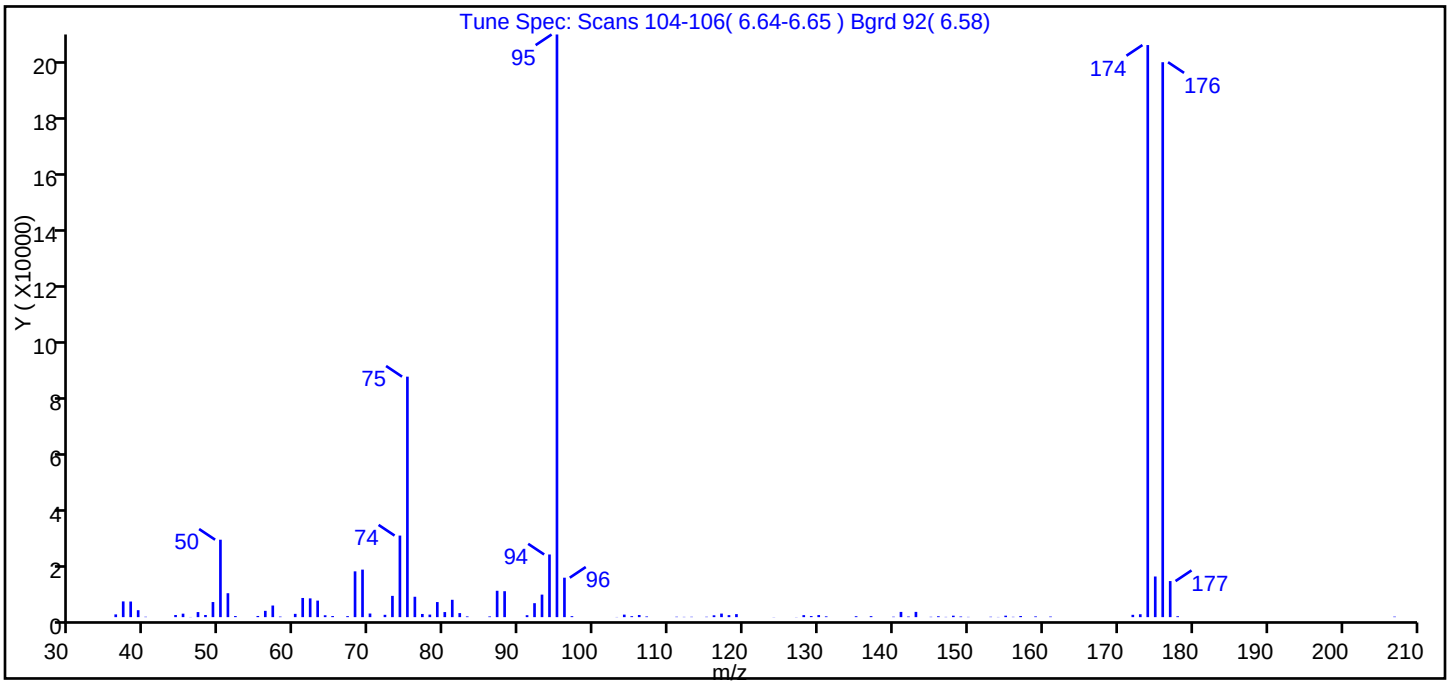
ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_001.d
Injection Date: 29-Jan-2015 10:35:30 Instrument ID: CHW.i
Lims ID: BFB
Client ID:
Operator ID: bpl ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 0.0 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

10 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	13.3
75	30.0 to 66.0 Percent of m/e 95	41.3
96	5.0 to 9.0 Percent of m/e 95	6.8
173	Less than 2.0 Percent of m/e 174	0.5 (0.5)
174	50.0 to 120.0 Percent of m/e 95	98.2
175	4.0 to 9.0 Percent of m/e 174	7.0 (7.1)
176	93.0 to 101.0 Percent of m/e 174	95.2 (97.0)
177	5.0 to 9.0 Percent of m/e 176	6.2 (6.5)

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_001.d\TO15_LLNJ_TO3_W_(v1).rslt\spectra.d
Injection Date: 29-Jan-2015 10:35:30
Spectrum: Tune Spec: Scans 104-106(6.64-6.65) Bgrd 92(6.58)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 96

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	963	67.00	353	96.00	13835	141.00	1833
37.00	5520	68.00	16061	97.00	341	142.00	211
38.00	5475	69.00	16672	103.00	59	143.00	1844
39.00	2435	70.00	1272	104.00	884	145.00	123
40.00	134	72.00	817	105.00	331	146.00	313
44.00	745	73.00	7461	106.00	756	147.00	90
45.00	1222	74.00	28608	107.00	241	148.00	512
46.00	57	75.00	84344	111.00	146	149.00	218
47.00	1777	76.00	7150	112.00	94	150.00	88
48.00	750	77.00	1113	113.00	126	153.00	140
49.00	5296	78.00	895	115.00	134	154.00	66
50.00	27160	79.00	5290	116.00	645	155.00	514
51.00	8390	80.00	1783	117.00	1251	156.00	112
52.00	387	81.00	6086	118.00	707	157.00	394
55.00	411	82.00	1422	119.00	1062	159.00	259
56.00	2210	83.00	256	124.00	51	161.00	202
57.00	4075	86.00	246	127.00	52	172.00	820
58.00	185	87.00	9249	128.00	702	173.00	1014
60.00	1155	88.00	9097	129.00	376	174.00	200640
61.00	6727	91.00	680	130.00	728	175.00	14257
62.00	6581	92.00	4896	131.00	278	176.00	194624
63.00	5801	93.00	7902	135.00	326	177.00	12651
64.00	658	94.00	21976	137.00	345	178.00	310
65.00	385	95.00	204352	140.00	154	207.00	176

TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-001.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	10-Nov-2014 14:08:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0010468-001				
Misc. Info.:	bfb				
Operator ID:	wrd	Instrument ID:	CHX.i		
Method:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\TO15_LLNJ_TO3_CHX.i.m.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	13-Nov-2014 10:19:33	Calib Date:	10-Nov-2014 21:54:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK013				
First Level Reviewer: desjardinsb		Date:	10-Nov-2014 14:20:40		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
$ 19 BFB									
* 40 Chlorobromomethane	128		10.346					0	
* 50 1,4-Difluorobenzene	114		12.347					0	
* 73 Chlorobenzene-d5	117		18.563					0	
* 83 4-Bromofluorobenzene	95		20.810					0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

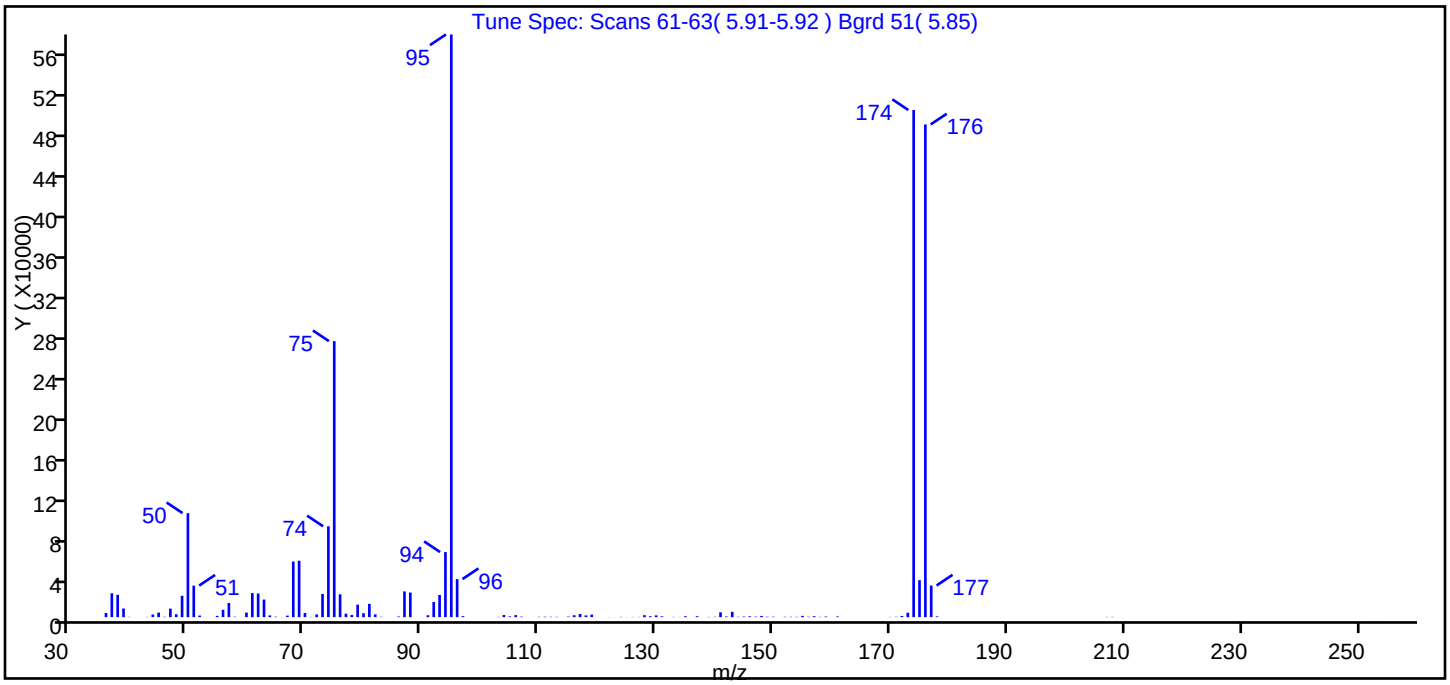
ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-001.D				
Injection Date:	10-Nov-2014 14:08:30	Instrument ID:	CHX.i		
Lims ID:	bfb				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Tune Method:	BFB Method TO-15				

$ 19 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	17.90
75	30.00 - 66.00% of mass 95	47.40
96	5.00 - 9.00% of mass 95	6.50
173	Less than 2.00% of mass 174	0.80 (0.90)
174	50.00 - 120.00% of mass 95	87.00
175	4.00 - 9.00% of mass 174	6.30 (7.30)
176	93.00 - 101.00% of mass 174	84.60 (97.20)
177	5.00 - 9.00% of mass 176	5.40 (6.40)

Data File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-001.D\TO15_LLNJ_TO3_CHX.i.m.rslt\spectra.c
Injection Date: 10-Nov-2014 14:08:30
Spectrum: Tune Spec: Scans 61-63(5.91-5.92) Bgrd 51(5.85)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 116

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4125	69.00	56104	107.00	513	144.00	335
37.00	23704	70.00	4085	110.00	331	145.00	541
38.00	22208	71.00	256	111.00	449	146.00	858
39.00	8594	72.00	2639	112.00	369	147.00	477
40.00	260	73.00	23056	113.00	322	148.00	1209
43.00	216	74.00	90392	115.00	538	149.00	417
44.00	2578	75.00	274560	116.00	1889	150.00	424
45.00	4516	76.00	22728	117.00	3190	152.00	352
46.00	363	77.00	3463	118.00	1745	153.00	357
47.00	8452	78.00	2109	119.00	2518	154.00	332
48.00	2870	79.00	12439	122.00	129	155.00	1289
49.00	21208	80.00	3931	123.00	65	156.00	396
50.00	103472	81.00	13209	124.00	273	157.00	959
51.00	31368	82.00	2739	125.00	92	158.00	266
52.00	1577	83.00	346	126.00	202	159.00	615
53.00	56	86.00	648	127.00	223	161.00	704
55.00	1264	87.00	25608	128.00	1960	170.00	229
56.00	7344	88.00	24432	129.00	918	171.00	350
57.00	14100	91.00	1861	130.00	1759	172.00	1128
58.00	455	92.00	15075	131.00	797	173.00	4393
60.00	4570	93.00	22024	133.00	242	174.00	504512
61.00	23912	94.00	64736	134.00	172	175.00	36800
62.00	23536	95.00	579648	135.00	925	176.00	490176
63.00	17496	96.00	37864	137.00	930	177.00	31464
64.00	1712	97.00	1027	139.00	225	178.00	768
65.00	456	103.00	263	140.00	319	207.00	237
66.00	53	104.00	2125	141.00	4805	208.00	269
67.00	1505	105.00	719	142.00	657	253.00	85
68.00	55312	106.00	2020	143.00	5310	260.00	12

TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-001.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	28-Jan-2015 09:45:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0011847-001				
Misc. Info.:	bfb				
Operator ID:	wrd	Instrument ID:	CHX.i		
Method:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\TO15_LLNJ_TO3_CHX.i.m.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	28-Jan-2015 10:14:04	Calib Date:	10-Nov-2014 21:54:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK027				
First Level Reviewer: desjardinsb		Date:	28-Jan-2015 10:14:04		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
$ 19 BFB									
* 40 Chlorobromomethane	128		10.325				10.0	ND	
* 50 1,4-Difluorobenzene	114		12.320				10.0	ND	
* 73 Chlorobenzene-d5	117		18.537				10.0	ND	
* 83 4-Bromofluorobenzene	95		20.789				10.0	ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

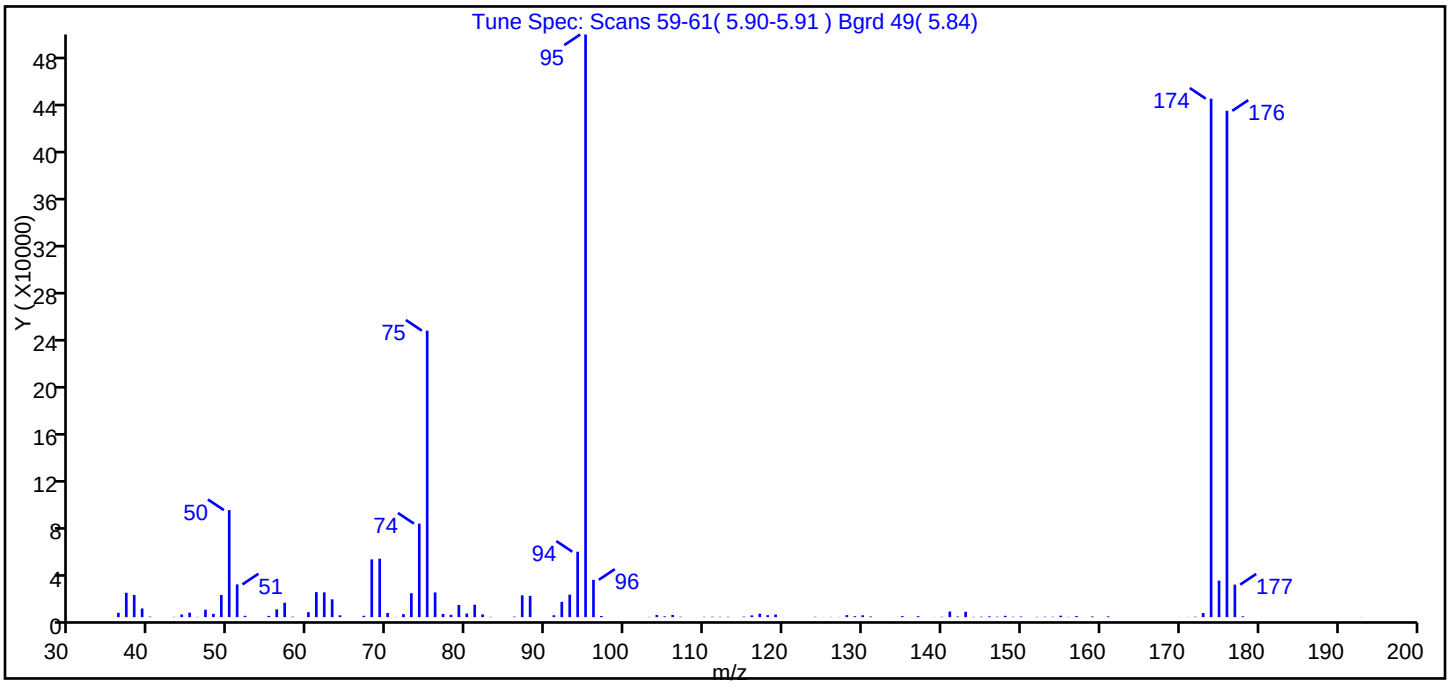
ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-001.D				
Injection Date:	28-Jan-2015 09:45:30	Instrument ID:	CHX.i		
Lims ID:	bfb				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		
Tune Method:	BFB Method TO-15				

$ 19 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	18.4
75	30.0 to 66.0 Percent of m/e 95	49.2
96	5.0 to 9.0 Percent of m/e 95	6.4
173	Less than 2.0 Percent of m/e 174	0.7 (0.8)
174	50.0 to 120.0 Percent of m/e 95	89.0
175	4.0 to 9.0 Percent of m/e 174	6.3 (7.0)
176	93.0 to 101.0 Percent of m/e 174	86.9 (97.7)
177	5.0 to 9.0 Percent of m/e 176	5.6 (6.4)

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-001.D\TO15_LLNJ_TO3_CHX.i.m.rslt\spectra.c
Injection Date: 28-Jan-2015 09:45:30
Spectrum: Tune Spec: Scans 59-61(5.90-5.91) Bgrd 49(5.84)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 109

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3714	71.00	153	110.00	250	146.00	699
37.00	20760	72.00	2555	111.00	396	147.00	385
38.00	18896	73.00	20376	112.00	280	148.00	1116
39.00	7383	74.00	79680	113.00	317	149.00	329
40.00	413	75.00	244096	115.00	465	150.00	523
43.00	252	76.00	21080	116.00	1533	152.00	273
44.00	2230	77.00	2750	117.00	2952	153.00	363
45.00	3828	78.00	1978	118.00	1690	154.00	321
46.00	233	79.00	10406	119.00	2219	155.00	1234
47.00	6369	80.00	3084	124.00	340	156.00	210
48.00	2819	81.00	10602	125.00	117	157.00	894
49.00	18848	82.00	2348	126.00	203	158.00	67
50.00	91184	83.00	279	127.00	170	159.00	626
51.00	27912	86.00	450	128.00	1729	161.00	680
52.00	1155	87.00	18560	129.00	819	170.00	55
55.00	1059	88.00	18176	130.00	1603	171.00	175
56.00	6657	91.00	1615	131.00	586	172.00	347
57.00	12266	92.00	13048	134.00	58	173.00	3519
58.00	426	93.00	19160	135.00	873	174.00	441728
60.00	4237	94.00	55736	136.00	74	175.00	31120
61.00	21312	95.00	496448	137.00	854	176.00	431424
62.00	21112	96.00	31792	139.00	108	177.00	27744
63.00	15175	97.00	967	140.00	328	178.00	730
64.00	1548	103.00	260	141.00	4752	191.00	11
67.00	1160	104.00	1796	142.00	536	193.00	119
68.00	49224	105.00	696	143.00	4614		
69.00	49784	106.00	1844	144.00	277		
70.00	3543	107.00	374	145.00	416		

TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-001.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	29-Jan-2015 11:03:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	0.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0011880-001				
Misc. Info.:	bfb				
Operator ID:	wrd	Instrument ID:	CHX.i		
Method:	\\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\TO15_LLNJ_TO3_CHX.i.m.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	29-Jan-2015 11:17:06	Calib Date:	10-Nov-2014 21:54:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK002				
First Level Reviewer: desjardinsb		Date:	29-Jan-2015 11:17:06		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
$ 19 BFB									
* 40 Chlorobromomethane	128		10.325				10.0	ND	
* 50 1,4-Difluorobenzene	114		12.326				10.0	ND	
* 73 Chlorobenzene-d5	117		18.537				10.0	ND	
* 83 4-Bromofluorobenzene	95		20.789				10.0	ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

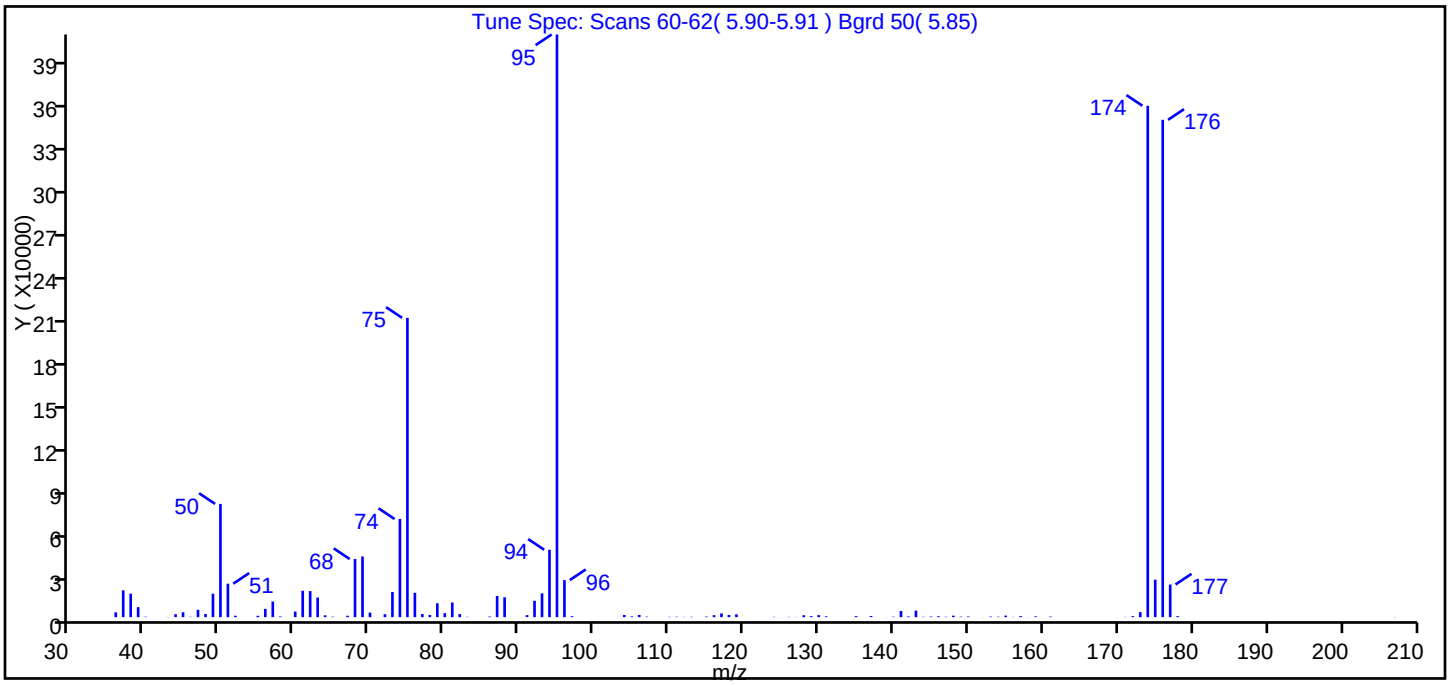
ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-001.D
Injection Date: 29-Jan-2015 11:03:30 Instrument ID: CHX.i
Lims ID: bfb
Client ID:
Operator ID: wrd ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 0.0 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHX.i.m Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

$ 19 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	19.4
75	30.0 to 66.0 Percent of m/e 95	51.4
96	5.0 to 9.0 Percent of m/e 95	6.4
173	Less than 2.0 Percent of m/e 174	0.9 (1.0)
174	50.0 to 120.0 Percent of m/e 95	87.8
175	4.0 to 9.0 Percent of m/e 174	6.4 (7.3)
176	93.0 to 101.0 Percent of m/e 174	85.4 (97.3)
177	5.0 to 9.0 Percent of m/e 176	5.6 (6.6)

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-001.D\TO15_LLNJ_TO3_CHX.i.m.rslt\spectra.c
Injection Date: 29-Jan-2015 11:03:30
Spectrum: Tune Spec: Scans 60-62(5.90-5.91) Bgrd 50(5.85)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 107

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3329	69.00	42320	105.00	517	144.00	250
37.00	18696	70.00	3168	106.00	1541	145.00	418
38.00	16384	71.00	50	107.00	338	146.00	616
39.00	6961	72.00	2036	110.00	217	147.00	258
40.00	290	73.00	17544	111.00	295	148.00	1036
43.00	136	74.00	68448	112.00	181	149.00	329
44.00	2008	75.00	208768	113.00	260	150.00	465
45.00	3413	76.00	16976	115.00	440	152.00	63
46.00	229	77.00	2157	116.00	1380	153.00	387
47.00	5118	78.00	1504	117.00	2593	154.00	313
48.00	2187	79.00	9689	118.00	1510	155.00	1088
49.00	16339	80.00	2766	119.00	1986	156.00	151
50.00	78984	81.00	10213	124.00	233	157.00	707
51.00	23336	82.00	2114	125.00	51	158.00	50
52.00	996	83.00	226	126.00	194	159.00	562
55.00	967	86.00	445	127.00	105	161.00	407
56.00	5762	87.00	14774	128.00	1324	170.00	51
57.00	10900	88.00	13854	129.00	700	171.00	167
58.00	483	91.00	1412	130.00	1421	172.00	712
60.00	3894	92.00	11398	131.00	567	173.00	3481
61.00	18376	93.00	16608	135.00	738	174.00	356672
62.00	18176	94.00	47008	137.00	809	175.00	26128
63.00	13676	95.00	406400	139.00	50	176.00	346880
64.00	1290	96.00	25832	140.00	295	177.00	22784
65.00	329	97.00	687	141.00	4320	178.00	721
67.00	1000	103.00	57	142.00	487	207.00	104
68.00	40520	104.00	1510	143.00	4534		

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83910/4

Matrix: Air Lab File ID: 11847-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/28/2015 12:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.20	U	0.50	0.056
75-45-6	Freon 22	86.47	0.20	U	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.20	U	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.045
76-13-1	Freon TF	187.38	0.080	U	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.5	U	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.030	U	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.030	U	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83910/4

Matrix: Air Lab File ID: 11847-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/28/2015 12:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.030	U	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.060	U	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	U	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83910/4

Matrix: Air Lab File ID: 11847-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/28/2015 12:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83910/4

Matrix: Air Lab File ID: 11847-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/28/2015 12:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.99	U	2.5	0.28
75-45-6	Freon 22	86.47	0.71	U	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	0.48	U	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.25
76-13-1	Freon TF	187.38	0.61	U	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	5.9	U	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.19	U	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.096	U	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83910/4

Matrix: Air Lab File ID: 11847-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/28/2015 12:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.11	U	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.26	U	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	U	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83910/4

Matrix: Air Lab File ID: 11847-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/28/2015 12:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-004.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 28-Jan-2015 12:06:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011847-004
Misc. Info.: mb
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 28-Jan-2015 13:38:51 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: desjardinsb Date: 28-Jan-2015 13:38:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		3.044					ND	
2 Dichlorodifluoromethane	85		3.119					ND	
3 Chlorodifluoromethane	51		3.167					ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.381					ND	
5 Chloromethane	50		3.520					ND	
6 Butane	43		3.718					ND	
7 Vinyl chloride	62		3.766					ND	
8 Butadiene	54		3.836					ND	
9 Bromomethane	94		4.515					ND	
10 Chloroethane	64		4.750					ND	
11 2-Methylbutane	43		4.809					ND	
12 Vinyl bromide	106		5.136					ND	
13 Trichlorofluoromethane	101		5.221					ND	
14 Pentane	43		5.360					ND	
15 Ethanol	45		5.799					ND	
16 Ethyl ether	59		5.874					ND	
17 Acrolein	56		6.280					ND	
18 1,1,2-Trichloro-1,2,2-trif	101		6.286					ND	
20 1,1-Dichloroethene	96		6.339					ND	
21 Acetone	43		6.585					ND	
22 Carbon disulfide	76		6.735					ND	
23 Isopropyl alcohol	45		6.858					ND	
24 3-Chloro-1-propene	41		7.126					ND	
25 Acetonitrile	41		7.281					ND	
26 Methylene Chloride	49		7.420					ND	
T 27 Methyl Acetate TIC	43		7.568					ND	
28 2-Methyl-2-propanol	59		7.623					ND	
29 Methyl tert-butyl ether	73		7.805					ND	
30 trans-1,2-Dichloroethene	61		7.848					ND	
31 Acrylonitrile	53		8.030					ND	
32 Hexane	57		8.222					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63		8.736					ND	
34 Vinyl acetate	43		8.800					ND	
35 cis-1,2-Dichloroethene	96		9.849					ND	
36 2-Butanone (MEK)	72		9.897					ND	
37 Ethyl acetate	88		9.934					ND	
S 38 1,2-Dichloroethene, Total	61		10.000					ND	
39 Tetrahydrofuran	42		10.314					ND	
* 40 Chlorobromomethane	128	10.314	10.325	-0.011	92	154127	10.0	10.0	
41 Chloroform	83		10.453					ND	
42 Cyclohexane	84		10.689					ND	
43 1,1,1-Trichloroethane	97		10.731					ND	
44 Carbon tetrachloride	117		10.977					ND	
45 Isooctane	57		11.411					ND	
46 Benzene	78		11.470					ND	
47 1,2-Dichloroethane	62		11.662					ND	
48 n-Heptane	43		11.801					ND	
T 49 Methyl cyclohexane TIC	55		11.965					ND	
* 50 1,4-Difluorobenzene	114	12.315	12.326	-0.011	95	944612	10.0	10.0	
51 n-Butanol	56		12.700					ND	
52 Trichloroethene	95		12.802					ND	
53 1,2-Dichloropropane	63		13.401					ND	
54 Methyl methacrylate	69		13.551					ND	
55 1,4-Dioxane	88		13.615					ND	
56 Dibromomethane	174		13.668					ND	
57 Dichlorobromomethane	83		13.973					ND	
58 cis-1,3-Dichloropropene	75		14.947					ND	
A 59 Total Hydrocarbons	1	15.003	(3.012-26.994)		0	177789			NC
A 60 TVOC as Toluene	1	15.003	(3.012-26.994)		0	177789			3.80
61 4-Methyl-2-pentanone (MIBK	43		15.241					ND	
62 Toluene	92		15.557					ND	
A 63 Toluene Range	1	15.557	(15.547-15.567)		0	19795			NC
66 n-Octane	43		15.584					ND	
A 65 GRO	1	15.584	(15.584-15.584)		0	19795			0
A 64 C8 Range	1		(15.722-15.594)					ND	
67 trans-1,3-Dichloropropene	75		16.172					ND	
68 1,1,2-Trichloroethane	83		16.563					ND	
69 Tetrachloroethene	166		16.659					ND	
70 2-Hexanone	43		17.012					ND	
71 Chlorodibromomethane	129		17.349					ND	
72 Ethylene Dibromide	107		17.632					ND	
* 73 Chlorobenzene-d5	117	18.531	18.537	-0.006	88	942863	10.0	10.0	
74 Chlorobenzene	112		18.595					ND	
75 Ethylbenzene	91		18.740					ND	
76 n-Nonane	57		18.836					ND	
77 m-Xylene & p-Xylene	106		18.997					ND	
78 o-Xylene	106		19.804					ND	
79 Styrene	104		19.847					ND	
S 80 Xylenes, Total	106		20.000					ND	
81 Bromoform	173		20.254					ND	
82 Isopropylbenzene	105		20.430					ND	
* 83 4-Bromofluorobenzene	95	20.783	20.789	-0.006	91	682491	10.0	10.0	
T 84 1,2-Dibromo-3-Chloropropan	75		20.846					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 1,1,2,2-Tetrachloroethane	83		21.051					ND	
86 N-Propylbenzene	91		21.110					ND	
87 1,2,3-Trichloropropane	75		21.153					ND	
88 n-Decane	57		21.254					ND	
89 4-Ethyltoluene	105		21.292					ND	
90 2-Chlorotoluene	91		21.308					ND	
91 1,3,5-Trimethylbenzene	105		21.388					ND	
92 Alpha Methyl Styrene	118		21.741					ND	
93 tert-Butylbenzene	119		21.859					ND	
94 1,2,4-Trimethylbenzene	105		21.950					ND	
95 sec-Butylbenzene	105		22.174					ND	
96 4-Isopropyltoluene	119		22.372					ND	
97 1,3-Dichlorobenzene	146		22.415					ND	
98 1,4-Dichlorobenzene	146		22.554					ND	
99 Benzyl chloride	91		22.763					ND	
100 Undecane	57		22.961					ND	
101 n-Butylbenzene	91		22.966					ND	
102 1,2-Dichlorobenzene	146		23.116					ND	
103 Dodecane	57		24.630					ND	
104 1,2,4-Trichlorobenzene	180		25.775					ND	
105 Hexachlorobutadiene	225		25.962					ND	
106 Naphthalene	128		26.315					ND	
107 1,2,3-Trichlorobenzene	180		26.829					ND	
T 117 1,3-Dichloropropane TIC	1		0.000					ND	
T 109 Methyl acetylene TIC	1		0.000					ND	
T 108 1,1,1,2-Tetrachloroethane	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

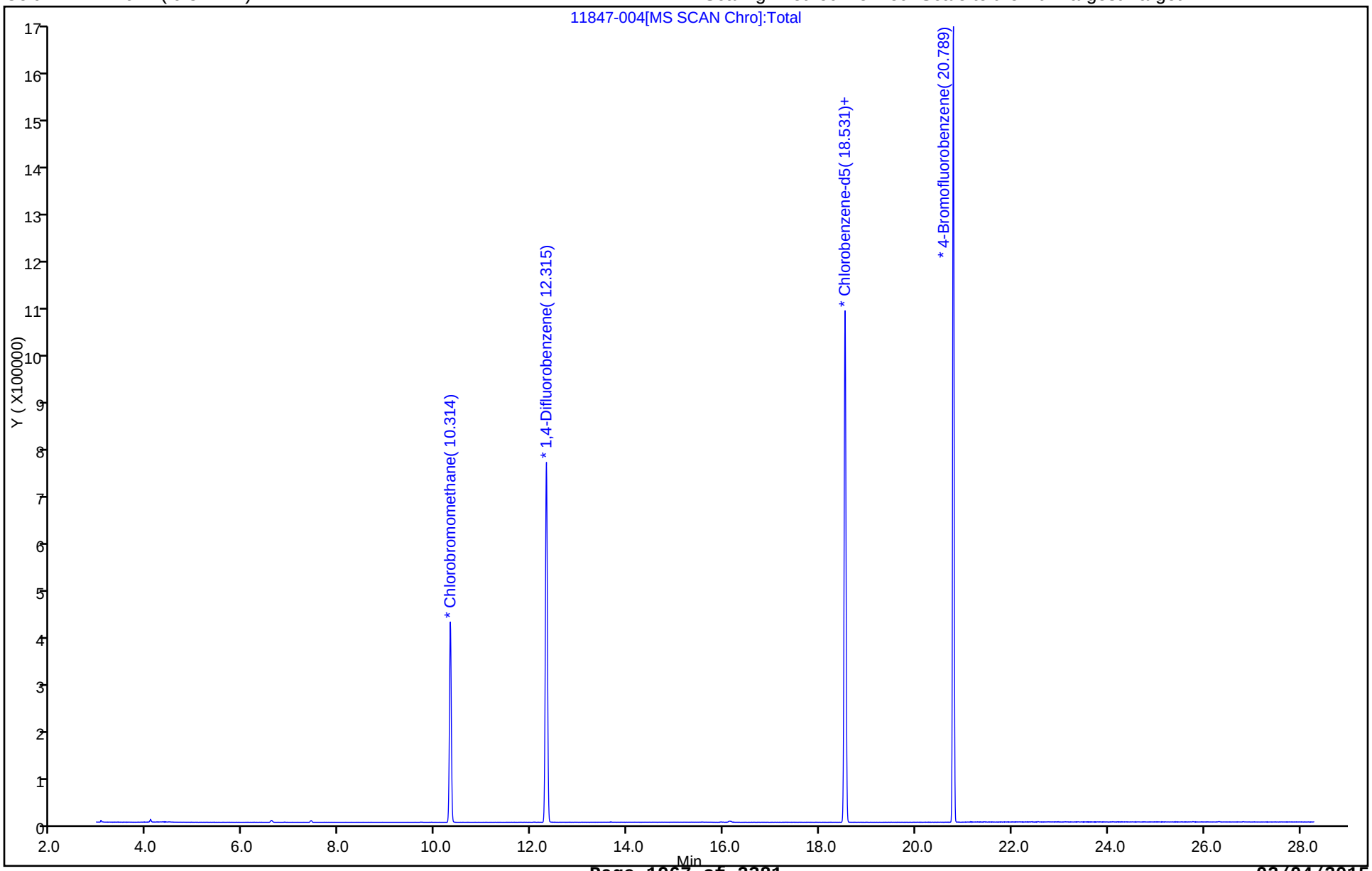
Report Date: 28-Jan-2015 13:38:52 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-004.D

Injection Date:	28-Jan-2015 12:06:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	mb			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83982/4

Matrix: Air Lab File ID: 11878_004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.20	U	0.50	0.056
75-45-6	Freon 22	86.47	0.20	U	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.20	U	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.045
76-13-1	Freon TF	187.38	0.080	U	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.5	U	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.030	U	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.030	U	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83982/4

Matrix: Air Lab File ID: 11878_004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.030	U	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.060	U	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	U	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.0207	J	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83982/4

Matrix: Air Lab File ID: 11878_004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83982/4

Matrix: Air Lab File ID: 11878_004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.99	U	2.5	0.28
75-45-6	Freon 22	86.47	0.71	U	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	0.48	U	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.25
76-13-1	Freon TF	187.38	0.61	U	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	5.9	U	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.19	U	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.096	U	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83982/4

Matrix: Air Lab File ID: 11878_004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.11	U	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.26	U	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	U	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.125	J	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83982/4

Matrix: Air Lab File ID: 11878_004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_004.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 29-Jan-2015 13:08:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011878-004
Misc. Info.: MB
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 09:12:03 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 29-Jan-2015 14:17:21

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1	Propene	41		4.387					ND	
2	Dichlorodifluoromethane	85		4.478					ND	
3	Chlorodifluoromethane	51		4.547					ND	
4	1,2-Dichloro-1,1,2,2-tetra	85		4.836					ND	
5	Chloromethane	50		5.023					ND	
6	Butane	43		5.291					ND	
7	Vinyl chloride	62		5.344					ND	
8	Butadiene	54		5.446					ND	
9	Bromomethane	94		6.307					ND	
11	Chloroethane	64		6.596					ND	
12	2-Methylbutane	43		6.682					ND	
13	Vinyl bromide	106		7.072					ND	
14	Trichlorofluoromethane	101		7.185					ND	
15	Methyl Acetate TIC	43		7.345					ND	
16	Pentane	43		7.350					ND	
17	Ethanol	45		7.853					ND	
18	Ethyl ether	59		7.950					ND	
19	Acrolein	56		8.399					ND	
20	1,1,2-Trichloro-1,2,2-trif	101		8.431					ND	
21	1,1-Dichloroethene	96		8.501					ND	
22	Acetone	43		8.752					ND	
23	Carbon disulfide	76		8.987					ND	
24	Isopropyl alcohol	45		9.078					ND	
25	3-Chloro-1-propene	41		9.383					ND	
26	Acetonitrile	41		9.522					ND	
27	Methylene Chloride	49		9.715					ND	
28	2-Methyl-2-propanol	59		9.950					ND	
29	Methyl tert-butyl ether	73		10.164					ND	
S 30	1,2-Dichloroethene, Total	61		10.200					ND	
31	trans-1,2-Dichloroethene	61		10.207					ND	
32	Acrylonitrile	53		10.362					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Hexane	57		10.624					ND	
34 1,1-Dichloroethane	63		11.170					ND	
35 Vinyl acetate	43		11.213					ND	
36 Methyl cyclohexane TIC	55		11.500					ND	
37 cis-1,2-Dichloroethene	96		12.342					ND	
38 2-Butanone (MEK)	72		12.363					ND	
39 Ethyl acetate	88		12.390					ND	
* 40 Chlorobromomethane	128	12.812	12.823	-0.011	75	227277	10.0	10.0	
41 Tetrahydrofuran	42		12.839					ND	
42 Chloroform	83		12.936					ND	
43 Cyclohexane	84		13.230					ND	
44 1,1,1-Trichloroethane	97		13.240					ND	
45 Carbon tetrachloride	117		13.497					ND	
46 Isooctane	57		13.888					ND	
47 Benzene	78		13.947					ND	
48 1,2-Dichloroethane	62		14.107					ND	
49 n-Heptane	43		14.241					ND	
* 50 1,4-Difluorobenzene	114	14.690	14.701	-0.011	91	1046697	10.0	10.0	
A 51 GRO	1	14.746	(6.672-22.821)		0	197408		0	
52 n-Butanol	56		15.038					ND	
53 Trichloroethene	95		15.172					ND	
54 1,2-Dichloropropane	63		15.685					ND	
55 Methyl methacrylate	69		15.771					ND	
56 1,4-Dioxane	88		15.872					ND	
57 Dibromomethane	174		15.931					ND	
58 Dichlorobromomethane	83		16.177					ND	
A 59 TVOC as Toluene	92		(4.377-28.818)					ND	
60 cis-1,3-Dichloropropene	75		17.039					ND	
61 4-Methyl-2-pentanone (MIBK	43		17.274					ND	
64 Toluene	92		17.606					ND	
A 65 Toluene Range	92		(17.566-17.646)					ND	
62 n-Octane	43		17.606					ND	
A 63 C8 Range	1	17.606	(17.556-17.656)		0	15021		NC	
66 trans-1,3-Dichloropropene	75		18.141					ND	
67 1,1,2-Trichloroethane	83		18.505					ND	
68 Tetrachloroethene	166		18.649					ND	
69 2-Hexanone	43		18.900					ND	
70 1,2-Dibromo-3-Chloropropan	75		19.141					ND	
71 Chlorodibromomethane	129		19.264					ND	
72 Ethylene Dibromide	107		19.548					ND	
S 73 Xylenes, Total	106				0			0.002325	
* 74 Chlorobenzene-d5	117	20.388	20.393	-0.005	81	908640	10.0	10.0	
75 Chlorobenzene	112		20.446					ND	
76 Ethylbenzene	91		20.559					ND	
77 n-Nonane	57		20.618					ND	
78 m-Xylene & p-Xylene	106	20.773	20.778	-0.005	1	128		0.002325	
79 o-Xylene	106		21.495					ND	
80 Styrene	104		21.532					ND	
81 Bromoform	173		21.918					ND	
82 Isopropylbenzene	105		22.062					ND	
$ 83 4-Bromofluorobenzene	95	22.394	22.399	-0.005	98	519822	NC	NC	
84 1,1,2,2-Tetrachloroethane	83		22.624					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 N-Propylbenzene	91		22.699					ND	
86 1,2,3-Trichloropropane	75		22.725					ND	
87 n-Decane	57		22.811					ND	
88 4-Ethyltoluene	105		22.865					ND	
89 2-Chlorotoluene	91		22.902					ND	
90 1,3,5-Trimethylbenzene	105		22.956					ND	
91 Alpha Methyl Styrene	118		23.309					ND	
92 tert-Butylbenzene	119		23.432					ND	
93 1,2,4-Trimethylbenzene	105		23.523					ND	
94 sec-Butylbenzene	105		23.758					ND	
95 4-Isopropyltoluene	119		23.961					ND	
96 1,3-Dichlorobenzene	146	24.036	24.036	0.000	93	1855		0.0183	
97 1,4-Dichlorobenzene	146	24.175	24.181	-0.006	91	2053		0.0207	
98 Benzyl chloride	91		24.384					ND	
99 Undecane	57		24.576					ND	
100 n-Butylbenzene	91		24.598					ND	
101 1,2-Dichlorobenzene	146		24.785					ND	
102 Dodecane	57		26.369					ND	
103 1,2,4-Trichlorobenzene	180		27.663					ND	
104 Hexachlorobutadiene	225		27.861					ND	
105 Naphthalene	128		28.241					ND	
106 1,2,3-Trichlorobenzene	180		28.808					ND	
109 Methyl acetylene TIC	1		0.000					ND	
T 108 1,1,1,2-Tetrachloroethane	1		0.000					ND	
107 1,3-Dichloropropane TIC	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

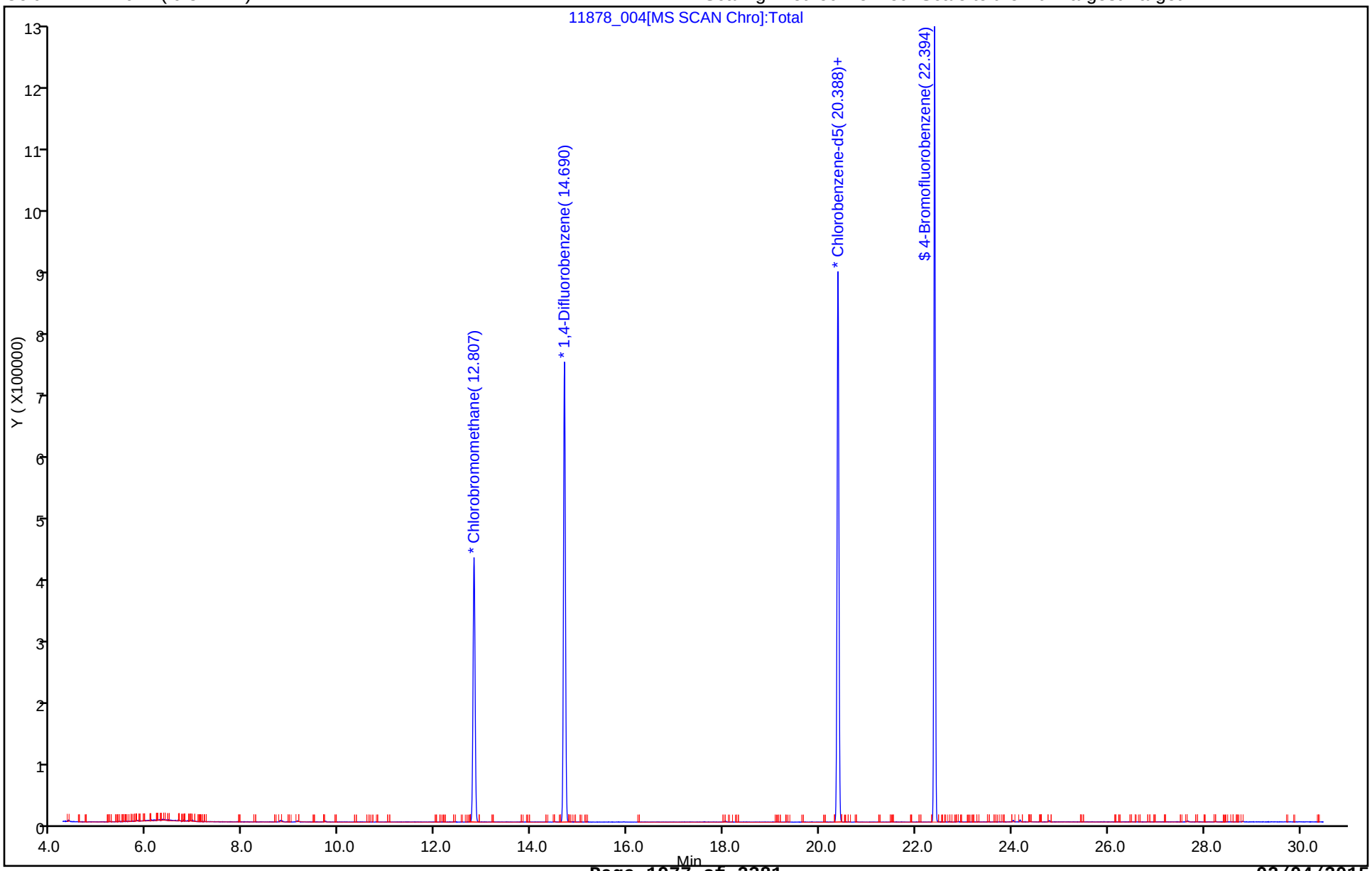
Report Date: 30-Jan-2015 09:12:06 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_004.d

Injection Date:	29-Jan-2015 13:08:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	MB			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Report Date: 30-Jan-2015 09:12:06 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_004.d

Injection Date: 29-Jan-2015 13:08:30 Instrument ID: CHW.i

Lims ID: MB

Client ID:

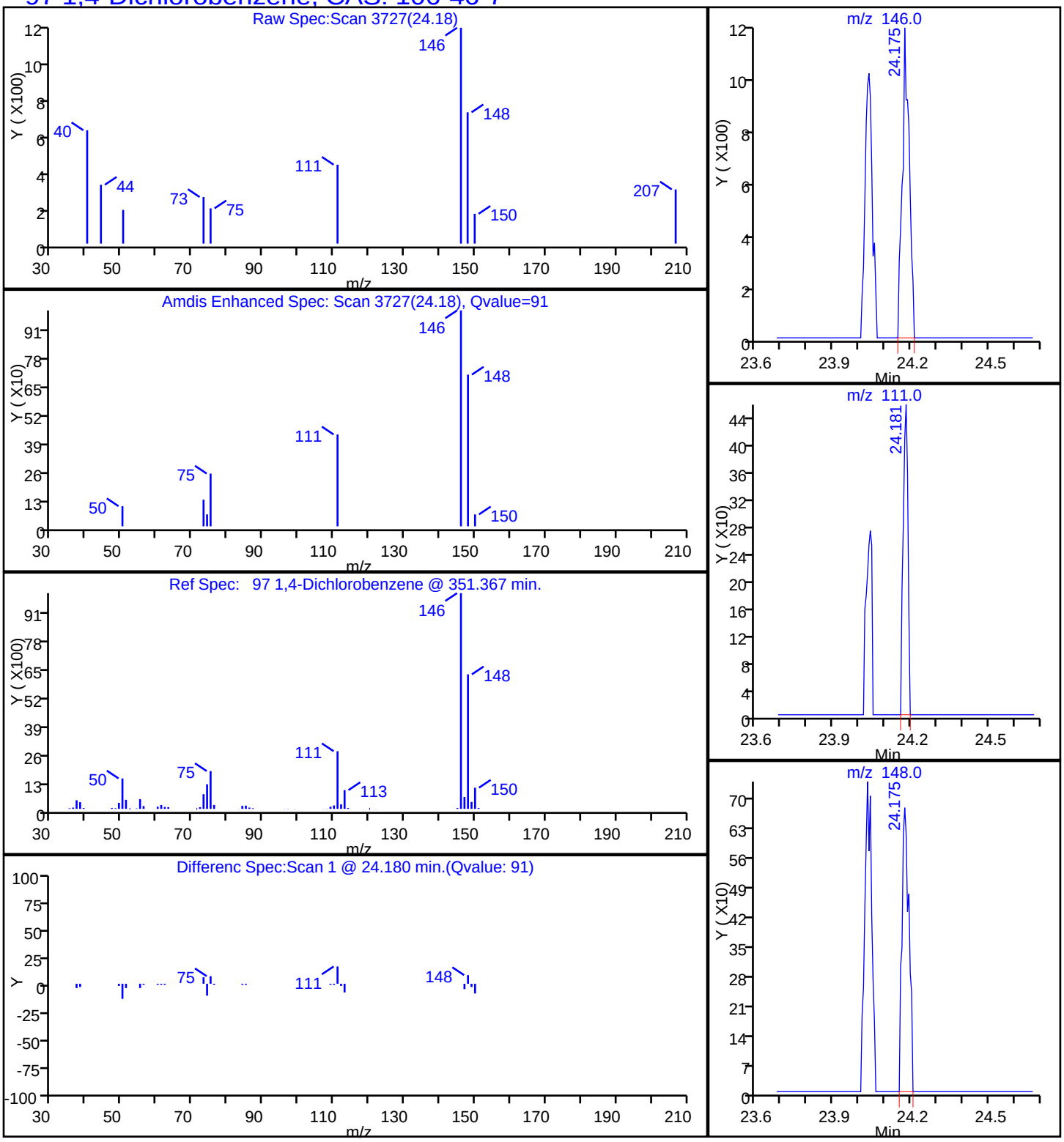
Operator ID: bpl ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

97 1,4-Dichlorobenzene, CAS: 106-46-7



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83984/4

Matrix: Air Lab File ID: 11880-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:21

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.20	U	0.50	0.056
75-45-6	Freon 22	86.47	0.20	U	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.20	U	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.045
76-13-1	Freon TF	187.38	0.080	U	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.5	U	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.030	U	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.030	U	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83984/4

Matrix: Air Lab File ID: 11880-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:21

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.030	U	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.060	U	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	U	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83984/4

Matrix: Air Lab File ID: 11880-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:21

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83984/4

Matrix: Air Lab File ID: 11880-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:21

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.99	U	2.5	0.28
75-45-6	Freon 22	86.47	0.71	U	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	0.48	U	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.25
76-13-1	Freon TF	187.38	0.61	U	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	5.9	U	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.19	U	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.096	U	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83984/4

Matrix: Air Lab File ID: 11880-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:21

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.11	U	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.26	U	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	U	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83984/4

Matrix: Air Lab File ID: 11880-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:21

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-004.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 29-Jan-2015 13:21:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011880-004
Misc. Info.: mb
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 29-Jan-2015 14:03:57 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: desjardinsb Date: 29-Jan-2015 14:03:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		3.038					ND	
2 Dichlorodifluoromethane	85		3.113					ND	
3 Chlorodifluoromethane	51		3.162					ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.376					ND	
5 Chloromethane	50		3.520					ND	
6 Butane	43		3.713					ND	
7 Vinyl chloride	62		3.755					ND	
8 Butadiene	54		3.830					ND	
9 Bromomethane	94		4.510					ND	
10 Chloroethane	64		4.740					ND	
11 2-Methylbutane	43		4.804					ND	
12 Vinyl bromide	106		5.130					ND	
13 Trichlorofluoromethane	101		5.216					ND	
14 Pentane	43		5.350					ND	
15 Ethanol	45		5.799					ND	
16 Ethyl ether	59		5.868					ND	
17 Acrolein	56		6.275					ND	
18 1,1,2-Trichloro-1,2,2-trif	101		6.275					ND	
20 1,1-Dichloroethene	96		6.334					ND	
21 Acetone	43		6.580					ND	
22 Carbon disulfide	76		6.730					ND	
23 Isopropyl alcohol	45		6.858					ND	
24 3-Chloro-1-propene	41		7.126					ND	
25 Acetonitrile	41		7.275					ND	
26 Methylene Chloride	49		7.415					ND	
T 27 Methyl Acetate TIC	43		7.568					ND	
28 2-Methyl-2-propanol	59		7.623					ND	
29 Methyl tert-butyl ether	73		7.800					ND	
30 trans-1,2-Dichloroethene	61		7.843					ND	
31 Acrylonitrile	53		8.024					ND	
32 Hexane	57		8.217					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63		8.731					ND	
34 Vinyl acetate	43		8.795					ND	
35 cis-1,2-Dichloroethene	96		9.849					ND	
36 2-Butanone (MEK)	72		9.902					ND	
37 Ethyl acetate	88		9.924					ND	
S 38 1,2-Dichloroethene, Total	61		10.000					ND	
39 Tetrahydrofuran	42		10.309					ND	
* 40 Chlorobromomethane	128	10.314	10.319	-0.005	92	142877	10.0	10.0	
41 Chloroform	83		10.448					ND	
42 Cyclohexane	84		10.689					ND	
43 1,1,1-Trichloroethane	97		10.726					ND	
44 Carbon tetrachloride	117		10.972					ND	
45 Isooctane	57		11.405					ND	
46 Benzene	78		11.459					ND	
47 1,2-Dichloroethane	62		11.657					ND	
48 n-Heptane	43		11.796					ND	
T 49 Methyl cyclohexane TIC	55		11.965					ND	
* 50 1,4-Difluorobenzene	114	12.315	12.320	-0.005	95	860465	10.0	10.0	
51 n-Butanol	56		12.695					ND	
52 Trichloroethene	95		12.796					ND	
53 1,2-Dichloropropane	63		13.401					ND	
54 Methyl methacrylate	69		13.545					ND	
55 1,4-Dioxane	88		13.610					ND	
56 Dibromomethane	174		13.668					ND	
57 Dichlorobromomethane	83		13.968					ND	
58 cis-1,3-Dichloropropene	75		14.942					ND	
A 60 TVOC as Toluene	1	14.960	(3.012-26.909)		0	228233		5.36	
A 59 Total Hydrocarbons	1	14.960	(3.012-26.909)		0	228233		NC	
61 4-Methyl-2-pentanone (MIBK	43		15.236					ND	
A 63 Toluene Range	1	15.551	(15.541-15.561)		0	27531		NC	
62 Toluene	92		15.551					ND	
A 64 C8 Range	1		(15.925-15.594)					ND	
A 65 GRO	1	15.584	(15.584-15.584)		0	27531		0	
66 n-Octane	43		15.584					ND	
67 trans-1,3-Dichloropropene	75		16.172					ND	
68 1,1,2-Trichloroethane	83		16.557					ND	
69 Tetrachloroethene	166		16.653					ND	
70 2-Hexanone	43		17.007					ND	
71 Chlorodibromomethane	129		17.344					ND	
72 Ethylene Dibromide	107		17.632					ND	
* 73 Chlorobenzene-d5	117	18.531	18.531	0.000	88	850145	10.0	10.0	
74 Chlorobenzene	112		18.595					ND	
75 Ethylbenzene	91		18.740					ND	
76 n-Nonane	57		18.836					ND	
77 m-Xylene & p-Xylene	106		18.991					ND	
78 o-Xylene	106		19.799					ND	
79 Styrene	104		19.847					ND	
S 80 Xylenes, Total	106		20.000					ND	
81 Bromoform	173		20.254					ND	
82 Isopropylbenzene	105		20.430					ND	
* 83 4-Bromofluorobenzene	95	20.789	20.789	0.000	97	621955	10.0	10.0	
T 84 1,2-Dibromo-3-Chloropropan	75		20.846					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 1,1,2,2-Tetrachloroethane	83		21.051					ND	
86 N-Propylbenzene	91		21.110					ND	
87 1,2,3-Trichloropropane	75		21.147					ND	
88 n-Decane	57		21.254					ND	
89 4-Ethyltoluene	105		21.292					ND	
90 2-Chlorotoluene	91		21.308					ND	
91 1,3,5-Trimethylbenzene	105		21.388					ND	
92 Alpha Methyl Styrene	118		21.741					ND	
93 tert-Butylbenzene	119		21.859					ND	
94 1,2,4-Trimethylbenzene	105		21.950					ND	
95 sec-Butylbenzene	105		22.174					ND	
96 4-Isopropyltoluene	119		22.372					ND	
97 1,3-Dichlorobenzene	146		22.415					ND	
98 1,4-Dichlorobenzene	146		22.554					ND	
99 Benzyl chloride	91		22.763					ND	
100 Undecane	57		22.961					ND	
101 n-Butylbenzene	91		22.966					ND	
102 1,2-Dichlorobenzene	146		23.116					ND	
103 Dodecane	57		24.630					ND	
104 1,2,4-Trichlorobenzene	180		25.780					ND	
105 Hexachlorobutadiene	225		25.962					ND	
106 Naphthalene	128		26.315					ND	
107 1,2,3-Trichlorobenzene	180		26.829					ND	
T 108 1,1,1,2-Tetrachloroethane	1		0.000					ND	
T 109 Methyl acetylene TIC	1		0.000					ND	
T 117 1,3-Dichloropropane TIC	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

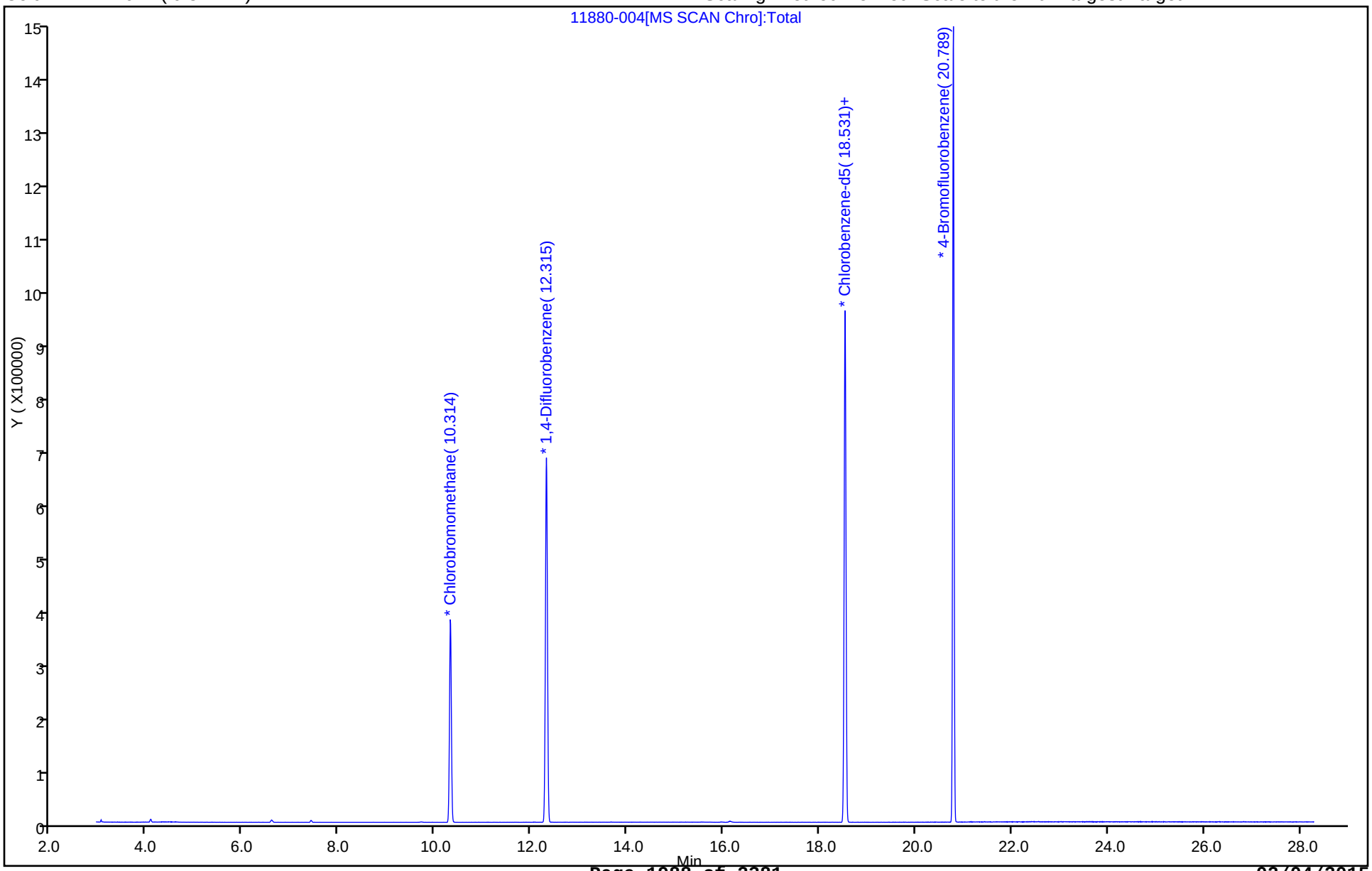
Report Date: 29-Jan-2015 14:03:57 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-004.D

Injection Date:	29-Jan-2015 13:21:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	mb			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84038/6

Matrix: Air Lab File ID: 11892_06.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.20	U	0.50	0.056
75-45-6	Freon 22	86.47	0.20	U	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.20	U	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.045
76-13-1	Freon TF	187.38	0.080	U	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.5	U	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.030	U	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.030	U	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84038/6

Matrix: Air Lab File ID: 11892_06.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.030	U	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.060	U	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	U	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84038/6

Matrix: Air Lab File ID: 11892_06.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84038/6

Matrix: Air Lab File ID: 11892_06.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.99	U	2.5	0.28
75-45-6	Freon 22	86.47	0.71	U	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	0.48	U	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.25
76-13-1	Freon TF	187.38	0.61	U	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	5.9	U	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.19	U	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.096	U	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84038/6

Matrix: Air Lab File ID: 11892_06.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.11	U	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.26	U	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	U	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84038/6

Matrix: Air Lab File ID: 11892_06.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 13:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Jan-2015 13:03:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011892-006
Misc. Info.: mb
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 16:49:31 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK010

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		2.758					ND	
2 Dichlorodifluoromethane	85		2.827					ND	
3 Chlorodifluoromethane	51		2.881					ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.089					ND	
5 Chloromethane	50		3.223					ND	
6 Butane	43		3.426					ND	
7 Vinyl chloride	62		3.469					ND	
8 Butadiene	54		3.544					ND	
9 Bromomethane	94		4.229					ND	
10 Chloroethane	64		4.480					ND	
11 2-Methylbutane	43	4.544	4.566	-0.022	3	434		0.0106	
12 Vinyl bromide	106		4.881					ND	
13 Trichlorofluoromethane	101		4.994					ND	
14 Pentane	43	5.085	5.149	-0.064	1	250		0.004032	
15 Ethanol	45		5.614					ND	
16 Ethyl ether	59		5.700					ND	
18 Acrolein	56		6.074					ND	
19 1,1,2-Trichloro-1,2,2-trif	101		6.123					ND	
20 1,1-Dichloroethene	96		6.149					ND	
21 Acetone	43		6.401					ND	
22 Carbon disulfide	76		6.524					ND	
23 Isopropyl alcohol	45		6.738					ND	
24 3-Chloro-1-propene	41		6.962					ND	
25 Acetonitrile	41		7.091					ND	
26 Methylene Chloride	49		7.267					ND	
27 2-Methyl-2-propanol	59		7.546					ND	
28 Methyl tert-butyl ether	73	7.690	7.711	-0.021	1	53		0.000575	
29 trans-1,2-Dichloroethene	61		7.722					ND	
30 Acrylonitrile	53		7.877					ND	
31 Hexane	57		8.145					ND	
32 1,1-Dichloroethane	63		8.615					ND	
33 Vinyl acetate	43		8.722					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 cis-1,2-Dichloroethene	96		9.744					ND	
35 2-Butanone (MEK)	72		9.814					ND	
36 Ethyl acetate	88		9.878					ND	
S 37 1,2-Dichloroethene, Total	61		10.200					ND	
* 38 Chlorobromomethane	128	10.204	10.210	-0.006	95	355205	10.0	10.0	
39 Tetrahydrofuran	42		10.231					ND	
40 Chloroform	83		10.354					ND	
41 Cyclohexane	84		10.600					ND	
42 1,1,1-Trichloroethane	97		10.632					ND	
43 Carbon tetrachloride	117		10.878					ND	
44 Benzene	78	11.333	11.344	-0.011	1	456		0.003542	
45 Isooctane	57		11.349					ND	
46 1,2-Dichloroethane	62		11.526					ND	
47 n-Heptane	43	11.948	11.756	0.192	1	152		0.001656	
* 48 1,4-Difluorobenzene	114	12.205	12.205	0.000	96	2036870	10.0	10.0	
49 n-Butanol	56		12.628					ND	
50 Trichloroethene	95		12.665					ND	
A 51 GRO	1	12.954	(4.556-21.352)		0	1489486		0	
52 1,2-Dichloropropane	63		13.211					ND	
53 Methyl methacrylate	69		13.420					ND	
54 1,4-Dioxane	88		13.457					ND	
55 Dibromomethane	174		13.468					ND	
56 Dichlorobromomethane	83		13.778					ND	
A 57 TVOC as Toluene	1	14.642	(2.748-26.536)		0	1708531		0	
58 cis-1,3-Dichloropropene	75		14.757					ND	
59 4-Methyl-2-pentanone (MIBK	43		15.083					ND	
61 Toluene	92		15.383					ND	
A 60 Toluene Range	1	15.383	(15.343-15.423)		0	15447		NC	
A 63 C8 Range	1	15.530	(15.440-15.540)		0	2749		NC	
62 n-Octane	43	15.672	15.490	0.182	1	52		0.000371	
64 trans-1,3-Dichloropropene	75		16.003					ND	
65 1,1,2-Trichloroethane	83		16.383					ND	
66 Tetrachloroethene	166		16.506					ND	
67 2-Hexanone	43		16.875					ND	
68 Chlorodibromomethane	129		17.159					ND	
69 Ethylene Dibromide	107		17.432					ND	
* 70 Chlorobenzene-d5	117	18.363	18.363	0.000	93	1961150	10.0	10.0	
71 Chlorobenzene	112		18.421					ND	
72 Ethylbenzene	91	18.598	18.593	0.005	1	1091		0.005386	
73 n-Nonane	57		18.753					ND	
74 m-Xylene & p-Xylene	106		18.849					ND	
75 o-Xylene	106		19.689					ND	
76 Styrene	104		19.748					ND	
S 77 Xylenes, Total	106		20.100					ND	
78 Bromoform	173		20.165					ND	
79 Isopropylbenzene	105		20.406					ND	
* 80 4-Bromofluorobenzene	95	20.770	20.770	0.000	87	1406468	10.0	10.0	
81 1,1,2,2-Tetrachloroethane	83		21.054					ND	
82 N-Propylbenzene	91		21.139					ND	
83 1,2,3-Trichloropropane	75		21.144					ND	
85 4-Ethyltoluene	105		21.332					ND	
84 2-Chlorotoluene	91		21.332					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
86 n-Decane	57		21.342					ND	
87 1,3,5-Trimethylbenzene	105		21.439					ND	
88 Alpha Methyl Styrene	118		21.808					ND	
89 tert-Butylbenzene	119		21.931					ND	
90 1,2,4-Trimethylbenzene	105		22.027					ND	
91 sec-Butylbenzene	105		22.257					ND	
92 4-Isopropyltoluene	119		22.466					ND	
93 1,3-Dichlorobenzene	146	22.482	22.482	0.000	8	1876		0.0142	
94 1,4-Dichlorobenzene	146	22.482	22.616	-0.134	6	1876		0.0147	
95 Benzyl chloride	91		22.808					ND	
96 n-Butylbenzene	91		23.028					ND	
97 Undecane	57		23.070					ND	
98 1,2-Dichlorobenzene	146		23.140					ND	
99 Dodecane	57		24.627					ND	
100 1,2,4-Trichlorobenzene	180	25.601	25.595	0.006	24	2764		0.0298	
101 Hexachlorobutadiene	225		25.788					ND	
102 Naphthalene	128		26.061					ND	
103 1,2,3-Trichlorobenzene	180		26.526					ND	
T 107 1,1,1,2-Tetrachloroethane	1		0.000					ND	
T 108 Methyl Acetate TIC	1		0.000					ND	
T 106 Methyl cyclohexane TIC	1		0.000					ND	
T 104 Methyl acetylene TIC	1		0.000					ND	
T 105 1,2-Dibromo-3-Chloropropan	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

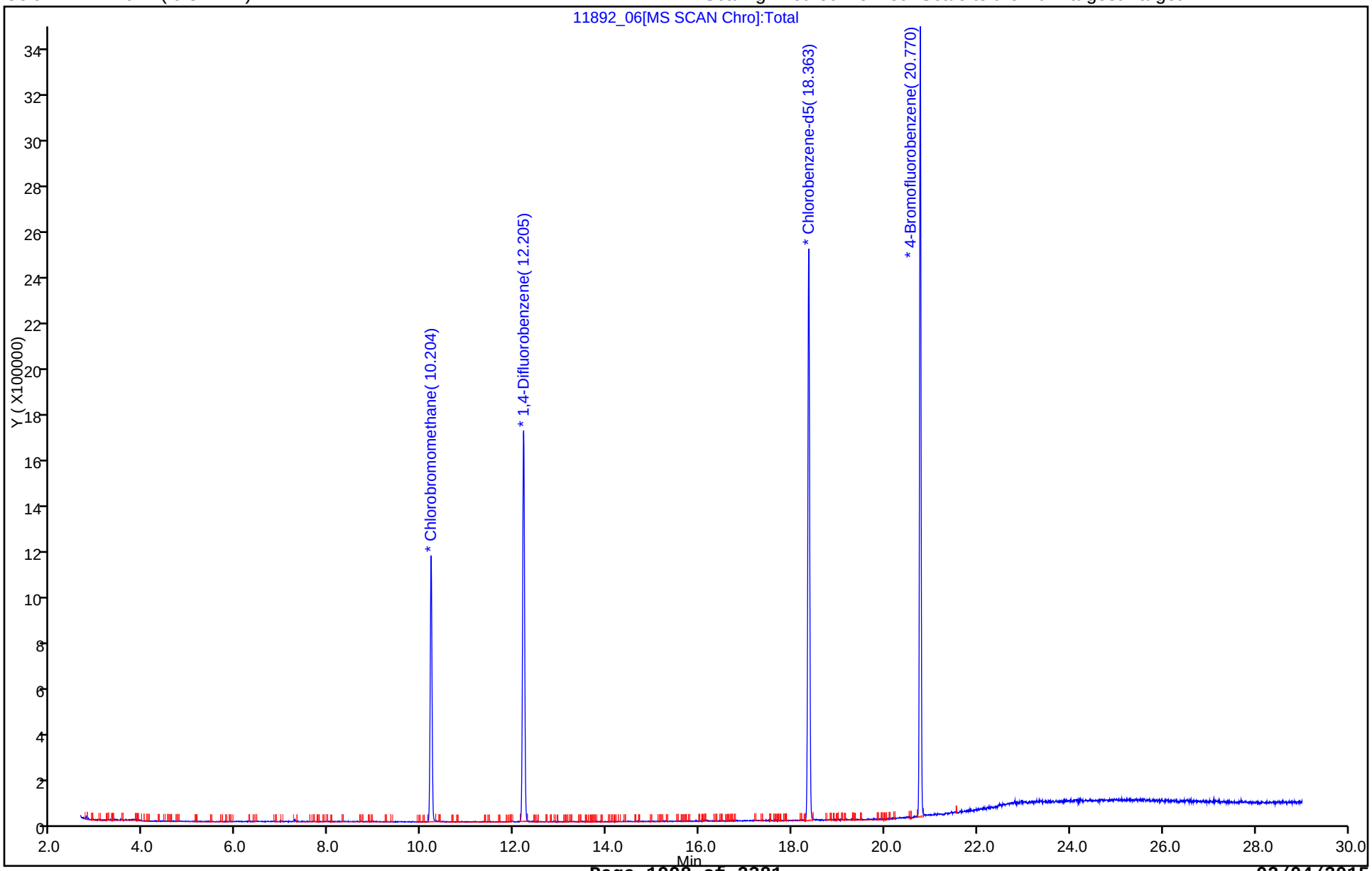
Report Date: 30-Jan-2015 16:49:36 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_06.D

Injection Date:	30-Jan-2015 13:03:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84055/4

Matrix: Air Lab File ID: 11879_04a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:12

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.20	U	0.50	0.056
75-45-6	Freon 22	86.47	0.20	U	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.20	U	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.045
76-13-1	Freon TF	187.38	0.080	U	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.5	U	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.030	U	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.030	U	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84055/4

Matrix: Air Lab File ID: 11879_04a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:12

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.030	U	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.060	U	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	U	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84055/4

Matrix: Air Lab File ID: 11879_04a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:12

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84055/4

Matrix: Air Lab File ID: 11879_04a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:12

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.99	U	2.5	0.28
75-45-6	Freon 22	86.47	0.71	U	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	0.48	U	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.25
76-13-1	Freon TF	187.38	0.61	U	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	5.9	U	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.19	U	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.096	U	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84055/4

Matrix: Air Lab File ID: 11879_04a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:12

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.11	U	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.26	U	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	U	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84055/4

Matrix: Air Lab File ID: 11879_04a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 13:12

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_04a.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 29-Jan-2015 13:12:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011879-004
Misc. Info.: mb
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 15:21:48 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: lyonsb Date: 30-Jan-2015 15:05:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41		3.160					ND	
5 Dichlorodifluoromethane	85		3.218					ND	
6 Chlorodifluoromethane	51		3.261					ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.448					ND	
8 Chloromethane	50		3.581					ND	
9 Butane	43		3.763					ND	
10 Vinyl chloride	62		3.800					ND	
11 Butadiene	54		3.875					ND	
12 Bromomethane	94		4.579					ND	
14 Chloroethane	64		4.809					ND	
15 2-Methylbutane	43		4.883					ND	
16 Vinyl bromide	106		5.241					ND	
17 Trichlorofluoromethane	101		5.326					ND	
18 Pentane	43		5.465					ND	
19 Ethanol	45		5.812					ND	
21 Ethyl ether	59		5.951					ND	
22 Acrolein	56		6.356					ND	
23 1,1,2-Trichloro-1,2,2-trif	101		6.372					ND	
24 1,1-Dichloroethene	96		6.453					ND	
25 Acetone	43		6.629					ND	
26 Isopropyl alcohol	45		6.826					ND	
27 Carbon disulfide	76		6.885					ND	
29 3-Chloro-1-propene	41		7.173					ND	
T 28 Methyl Acetate TIC	43		7.200					ND	
30 Acetonitrile	41		7.269					ND	
31 Methylene Chloride	49		7.429					ND	
32 2-Methyl-2-propanol	59		7.536					ND	
33 Methyl tert-butyl ether	73		7.765					ND	
34 trans-1,2-Dichloroethene	61		7.840					ND	
35 Acrylonitrile	53		7.947					ND	
36 Hexane	57		8.150					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
38 Vinyl acetate	43		8.593					ND	
37 1,1-Dichloroethane	63		8.598					ND	
40 2-Butanone (MEK)	72		9.495					ND	
41 Ethyl acetate	88		9.500					ND	
39 cis-1,2-Dichloroethene	96		9.500					ND	
43 Tetrahydrofuran	42		9.868					ND	
* 44 Chlorobromomethane	128	9.868	9.874	-0.006	85	646242	10.0	10.0	
45 Chloroform	83		9.943					ND	
S 42 1,2-Dichloroethene, Total	61		10.000					ND	
46 Cyclohexane	84		10.199					ND	
47 1,1,1-Trichloroethane	97		10.199					ND	
48 Carbon tetrachloride	117		10.391					ND	
49 Isooctane	57		10.663					ND	
50 Benzene	78		10.733					ND	
51 1,2-Dichloroethane	62		10.839					ND	
52 n-Heptane	43		10.920					ND	
A 53 GRO	1		(4.873-17.067)					ND	
* 54 1,4-Difluorobenzene	114	11.272	11.272	0.000	95	3157856	10.0	10.0	
56 n-Butanol	56		11.448					ND	
T 55 Methyl cyclohexane TIC	55		11.500					ND	
57 Trichloroethene	95		11.640					ND	
58 1,2-Dichloropropane	63		12.024					ND	
59 Methyl methacrylate	69		12.051					ND	
60 1,4-Dioxane	88		12.147					ND	
61 Dibromomethane	174		12.206					ND	
62 Dichlorobromomethane	83		12.377					ND	
A 63 TVOC as Toluene	1		(3.150-22.105)					ND	
64 cis-1,3-Dichloropropene	75		13.006					ND	
65 4-Methyl-2-pentanone (MIBK	43		13.150					ND	
A 66 C8 Range	1		(13.374-13.354)					ND	
67 n-Octane	43		13.396					ND	
68 Toluene	92		13.433					ND	
A 69 Toluene Range	1		(13.423-13.473)					ND	
70 trans-1,3-Dichloropropene	75		13.796					ND	
71 1,1,2-Trichloroethane	83		14.074					ND	
72 Tetrachloroethene	166		14.191					ND	
73 2-Hexanone	43		14.324					ND	
74 Chlorodibromomethane	129		14.618					ND	
75 Ethylene Dibromide	107		14.821					ND	
* 76 Chlorobenzene-d5	117	15.365	15.371	-0.006	87	2826412	10.0	10.0	
77 Chlorobenzene	112		15.408					ND	
79 Ethylbenzene	91		15.472					ND	
78 n-Nonane	57		15.477					ND	
80 m-Xylene & p-Xylene	106		15.616					ND	
S 81 Xylenes, Total	106		16.000					ND	
82 o-Xylene	106		16.128					ND	
83 Styrene	104		16.150					ND	
84 Bromoform	173		16.449					ND	
85 Isopropylbenzene	105		16.529					ND	
$ 86 4-Bromofluorobenzene	95	16.790	16.795	-0.005	94	2053713	NC	NC	
87 1,1,2,2-Tetrachloroethane	83		16.945					ND	
88 N-Propylbenzene	91		17.009					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75		17.030					ND	
90 n-Decane	57		17.057					ND	
91 4-Ethyltoluene	105		17.132					ND	
92 2-Chlorotoluene	91		17.180					ND	
93 1,3,5-Trimethylbenzene	105		17.196					ND	
94 Alpha Methyl Styrene	118		17.479					ND	
95 tert-Butylbenzene	119		17.580					ND	
96 1,2,4-Trimethylbenzene	105		17.649					ND	
97 sec-Butylbenzene	105		17.842					ND	
98 4-Isopropyltoluene	119		17.991					ND	
99 1,3-Dichlorobenzene	146		18.076					ND	
100 1,4-Dichlorobenzene	146		18.188					ND	
101 Benzyl chloride	91		18.349					ND	
102 Undecane	57		18.455					ND	
103 n-Butylbenzene	91		18.509					ND	
104 1,2-Dichlorobenzene	146		18.690					ND	
T 105 1,2-Dibromo-3-Chloropropan	75		19.300					ND	
106 Dodecane	57		19.944					ND	
107 1,2,4-Trichlorobenzene	180		21.102					ND	
108 Hexachlorobutadiene	225		21.262					ND	
109 Naphthalene	128		21.609					ND	
110 1,2,3-Trichlorobenzene	180		22.095					ND	
T 116 1,1,1,2-Tetrachloroethane	1		0.000					ND	
T 115 Methyl acetylene TIC	1		0.000					ND	
111 Total Alkanes	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

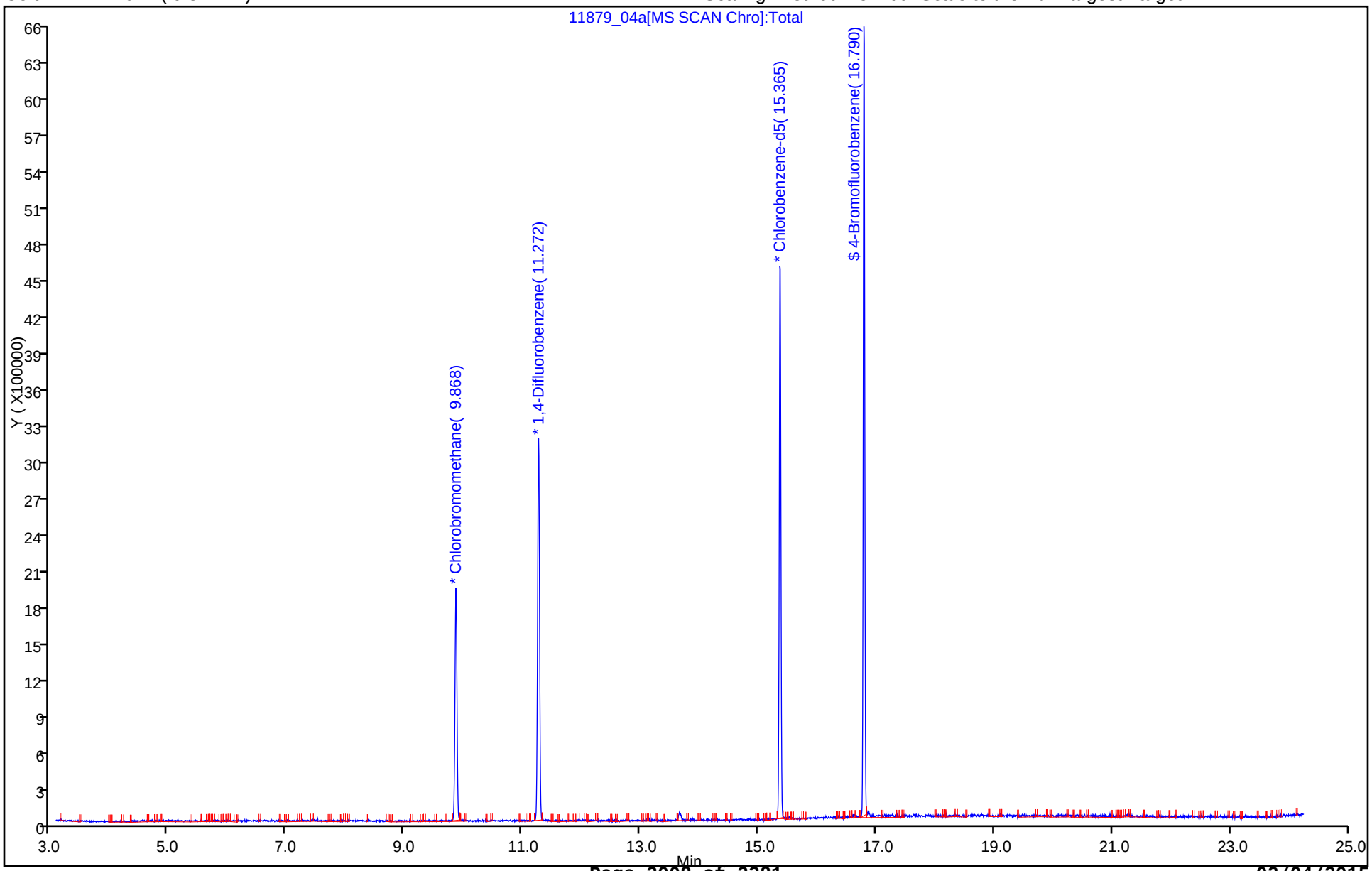
Report Date: 30-Jan-2015 15:21:59 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_04a.D

Injection Date:	29-Jan-2015 13:12:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	mb			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84069/4

Matrix: Air Lab File ID: 11918_04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.20	U	0.50	0.056
75-45-6	Freon 22	86.47	0.20	U	0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.052
74-87-3	Chloromethane	50.49	0.20	U	0.50	0.060
106-97-8	n-Butane	58.12	0.20	U	0.50	0.18
75-01-4	Vinyl chloride	62.50	0.030	U	0.20	0.026
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.036
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.044
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.030	U	0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.045
76-13-1	Freon TF	187.38	0.080	U	0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	0.030	U	0.20	0.010
67-64-1	Acetone	58.08	2.5	U	5.0	0.69
67-63-0	Isopropyl alcohol	60.10	0.50	U	5.0	0.15
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.030
107-05-1	3-Chloropropene	76.53	0.20	U	0.50	0.16
75-09-2	Methylene Chloride	84.93	0.20	U	0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.030	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.030	U	0.20	0.027
110-54-3	n-Hexane	86.17	0.030	U	0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	0.030	U	0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	0.20	U	0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	0.080	U	0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.053
67-66-3	Chloroform	119.38	0.080	U	0.20	0.038
109-99-9	Tetrahydrofuran	72.11	0.20	U	5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.030
110-82-7	Cyclohexane	84.16	0.030	U	0.20	0.010
56-23-5	Carbon tetrachloride	153.81	0.030	U	0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	0.030	U	0.20	0.023
71-43-2	Benzene	78.11	0.030	U	0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84069/4

Matrix: Air Lab File ID: 11918_04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.080	U	0.20	0.037
79-01-6	Trichloroethene	131.39	0.030	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.20	U	0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.035
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.16
75-27-4	Bromodichloromethane	163.83	0.030	U	0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	0.030	U	0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	0.20	U	0.50	0.18
108-88-3	Toluene	92.14	0.030	U	0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	0.030	U	0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.20	0.037
127-18-4	Tetrachloroethene	165.83	0.030	U	0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.50	0.17
124-48-1	Dibromochloromethane	208.29	0.030	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.030	U	0.20	0.018
108-90-7	Chlorobenzene	112.56	0.030	U	0.20	0.018
100-41-4	Ethylbenzene	106.17	0.030	U	0.20	0.020
179601-23-1	m,p-Xylene	106.17	0.060	U	0.50	0.025
95-47-6	Xylene, o-	106.17	0.030	U	0.20	0.018
1330-20-7	Xylene (total)	106.17	0.090	U	0.20	0.041
100-42-5	Styrene	104.15	0.030	U	0.20	0.016
75-25-2	Bromoform	252.75	0.030	U	0.20	0.025
98-82-8	Cumene	120.19	0.030	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.20	0.034
103-65-1	n-Propylbenzene	120.19	0.030	U	0.20	0.027
622-96-8	4-Ethyltoluene	120.20	0.030	U	0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.20	0.031
98-06-6	tert-Butylbenzene	134.22	0.030	U	0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	0.030	U	0.20	0.016
135-98-8	sec-Butylbenzene	134.22	0.030	U	0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	0.030	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.030	U	0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	0.030	U	0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84069/4

Matrix: Air Lab File ID: 11918_04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.030	U	0.20	0.018
104-51-8	n-Butylbenzene	134.22	0.030	U	0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	0.030	U	0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.036
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84069/4

Matrix: Air Lab File ID: 11918_04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.99	U	2.5	0.28
75-45-6	Freon 22	86.47	0.71	U	1.8	0.28
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.36
74-87-3	Chloromethane	50.49	0.41	U	1.0	0.12
106-97-8	n-Butane	58.12	0.48	U	1.2	0.43
75-01-4	Vinyl chloride	62.50	0.077	U	0.51	0.066
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.080
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.17
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.13	U	0.87	0.087
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.25
76-13-1	Freon TF	187.38	0.61	U	1.5	0.31
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.79	0.040
67-64-1	Acetone	58.08	5.9	U	12	1.6
67-63-0	Isopropyl alcohol	60.10	1.2	U	12	0.37
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.093
107-05-1	3-Chloropropene	76.53	0.63	U	1.6	0.50
75-09-2	Methylene Chloride	84.93	0.69	U	1.7	0.42
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.11	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.79	0.11
110-54-3	n-Hexane	86.17	0.11	U	0.70	0.099
75-34-3	1,1-Dichloroethane	98.96	0.12	U	0.81	0.11
78-93-3	Methyl Ethyl Ketone	72.11	0.59	U	1.5	0.27
156-59-2	cis-1,2-Dichloroethene	96.94	0.32	U	0.79	0.12
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.21
67-66-3	Chloroform	119.38	0.39	U	0.98	0.19
109-99-9	Tetrahydrofuran	72.11	0.59	U	15	0.53
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.16
110-82-7	Cyclohexane	84.16	0.10	U	0.69	0.034
56-23-5	Carbon tetrachloride	153.81	0.19	U	1.3	0.069
540-84-1	2,2,4-Trimethylpentane	114.23	0.14	U	0.93	0.11
71-43-2	Benzene	78.11	0.096	U	0.64	0.093
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84069/4

Matrix: Air Lab File ID: 11918_04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.33	U	0.82	0.15
79-01-6	Trichloroethene	131.39	0.16	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.82	U	2.0	0.39
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.16
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.58
75-27-4	Bromodichloromethane	163.83	0.20	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.14	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.82	U	2.0	0.74
108-88-3	Toluene	92.14	0.11	U	0.75	0.094
10061-02-6	trans-1,3-Dichloropropene	110.97	0.14	U	0.91	0.12
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	1.1	0.20
127-18-4	Tetrachloroethene	165.83	0.20	U	1.4	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	2.0	0.70
124-48-1	Dibromochloromethane	208.29	0.26	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	0.23	U	1.5	0.14
108-90-7	Chlorobenzene	112.56	0.14	U	0.92	0.083
100-41-4	Ethylbenzene	106.17	0.13	U	0.87	0.087
179601-23-1	m,p-Xylene	106.17	0.26	U	2.2	0.11
95-47-6	Xylene, o-	106.17	0.13	U	0.87	0.078
1330-20-7	Xylene (total)	106.17	0.39	U	0.87	0.18
100-42-5	Styrene	104.15	0.13	U	0.85	0.068
75-25-2	Bromoform	252.75	0.31	U	2.1	0.26
98-82-8	Cumene	120.19	0.15	U	0.98	0.093
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	1.4	0.23
103-65-1	n-Propylbenzene	120.19	0.15	U	0.98	0.13
622-96-8	4-Ethyltoluene	120.20	0.15	U	0.98	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.41	U	1.0	0.16
98-06-6	tert-Butylbenzene	134.22	0.16	U	1.1	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	U	0.98	0.079
135-98-8	sec-Butylbenzene	134.22	0.16	U	1.1	0.12
99-87-6	4-Isopropyltoluene	134.22	0.16	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.18	U	1.2	0.12
106-46-7	1,4-Dichlorobenzene	147.00	0.18	U	1.2	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-84069/4

Matrix: Air Lab File ID: 11918_04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	1.0	0.093
104-51-8	n-Butylbenzene	134.22	0.16	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	147.00	0.18	U	1.2	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.25
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.38
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_04.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Feb-2015 11:20:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011918-004
Misc. Info.: mb
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 03-Feb-2015 09:43:15 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: lyonsb Date: 02-Feb-2015 12:01:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		2.758					ND	
2 Dichlorodifluoromethane	85		2.827					ND	
3 Chlorodifluoromethane	51		2.881					ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.095					ND	
5 Chloromethane	50		3.223					ND	
6 Butane	43		3.426					ND	
7 Vinyl chloride	62		3.469					ND	
8 Butadiene	54		3.549					ND	
9 Bromomethane	94		4.229					ND	
10 Chloroethane	64		4.480					ND	
11 2-Methylbutane	43		4.566					ND	
12 Vinyl bromide	106		4.881					ND	
13 Trichlorofluoromethane	101		4.994					ND	
14 Pentane	43		5.149					ND	
15 Ethanol	45		5.614					ND	
16 Ethyl ether	59		5.705					ND	
18 Acrolein	56		6.074					ND	
19 1,1,2-Trichloro-1,2,2-trif	101		6.123					ND	
20 1,1-Dichloroethene	96		6.155					ND	
21 Acetone	43		6.401					ND	
22 Carbon disulfide	76		6.529					ND	
23 Isopropyl alcohol	45		6.743					ND	
24 3-Chloro-1-propene	41		6.968					ND	
25 Acetonitrile	41		7.091					ND	
26 Methylene Chloride	49		7.267					ND	
27 2-Methyl-2-propanol	59		7.546					ND	
28 Methyl tert-butyl ether	73		7.711					ND	
29 trans-1,2-Dichloroethene	61		7.727					ND	
30 Acrylonitrile	53		7.872					ND	
31 Hexane	57		8.150					ND	
32 1,1-Dichloroethane	63		8.615					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Vinyl acetate	43		8.722					ND	
34 cis-1,2-Dichloroethene	96		9.744					ND	
35 2-Butanone (MEK)	72		9.814					ND	
36 Ethyl acetate	88		9.867					ND	
S 37 1,2-Dichloroethene, Total	61		10.200					ND	
* 38 Chlorobromomethane	128	10.210	10.210	0.000	95	328758	10.0	10.0	
39 Tetrahydrofuran	42		10.231					ND	
40 Chloroform	83		10.359					ND	
41 Cyclohexane	84		10.611					ND	
42 1,1,1-Trichloroethane	97		10.627					ND	
43 Carbon tetrachloride	117		10.884					ND	
44 Benzene	78		11.344					ND	
45 Isooctane	57		11.349					ND	
46 1,2-Dichloroethane	62		11.526					ND	
47 n-Heptane	43		11.750					ND	
* 48 1,4-Difluorobenzene	114	12.205	12.205	0.000	97	1891389	10.0	10.0	
49 n-Butanol	56		12.633					ND	
50 Trichloroethene	95		12.665					ND	
A 51 GRO	1	12.954	(4.556-21.352)		0	1725284		0	
52 1,2-Dichloropropane	63		13.216					ND	
53 Methyl methacrylate	69		13.425					ND	
54 1,4-Dioxane	88		13.457					ND	
55 Dibromomethane	174		13.462					ND	
56 Dichlorobromomethane	83		13.778					ND	
A 57 TVOC as Toluene	1	14.642	(2.748-26.536)		0	1938871		0	
58 cis-1,3-Dichloropropene	75		14.768					ND	
59 4-Methyl-2-pentanone (MIBK	43		15.089					ND	
A 60 Toluene Range	1	15.388	(15.348-15.428)		0	11922		NC	
61 Toluene	92		15.388					ND	
62 n-Octane	43		15.490					ND	
A 63 C8 Range	1	15.493	(15.440-15.540)		0	9370		NC	
64 trans-1,3-Dichloropropene	75		16.009					ND	
65 1,1,2-Trichloroethane	83		16.383					ND	
66 Tetrachloroethene	166		16.506					ND	
67 2-Hexanone	43		16.875					ND	
68 Chlorodibromomethane	129		17.164					ND	
69 Ethylene Dibromide	107		17.432					ND	
* 70 Chlorobenzene-d5	117	18.363	18.363	0.000	96	1803532	10.0	10.0	
71 Chlorobenzene	112		18.421					ND	
72 Ethylbenzene	91		18.593					ND	
73 n-Nonane	57		18.759					ND	
74 m-Xylene & p-Xylene	106		18.849					ND	
75 o-Xylene	106		19.700					ND	
76 Styrene	104		19.748					ND	
S 77 Xylenes, Total	106		20.100					ND	
78 Bromoform	173		20.165					ND	
79 Isopropylbenzene	105		20.406					ND	
* 80 4-Bromofluorobenzene	95	20.770	20.770	0.000	87	1293430	10.0	10.0	
81 1,1,2,2-Tetrachloroethane	83		21.054					ND	
82 N-Propylbenzene	91		21.139					ND	
83 1,2,3-Trichloropropane	75		21.150					ND	
84 2-Chlorotoluene	91		21.332					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 4-Ethyltoluene	105		21.332					ND	
86 n-Decane	57		21.342					ND	
87 1,3,5-Trimethylbenzene	105		21.444					ND	
88 Alpha Methyl Styrene	118		21.808					ND	
89 tert-Butylbenzene	119		21.936					ND	
90 1,2,4-Trimethylbenzene	105		22.027					ND	
91 sec-Butylbenzene	105		22.263					ND	
92 4-Isopropyltoluene	119		22.466					ND	
93 1,3-Dichlorobenzene	146		22.482					ND	
94 1,4-Dichlorobenzene	146		22.616					ND	
95 Benzyl chloride	91		22.808					ND	
96 n-Butylbenzene	91		23.033					ND	
97 Undecane	57		23.076					ND	
98 1,2-Dichlorobenzene	146		23.140					ND	
99 Dodecane	57		24.632					ND	
100 1,2,4-Trichlorobenzene	180		25.595					ND	
101 Hexachlorobutadiene	225		25.793					ND	
102 Naphthalene	128		26.066					ND	
103 1,2,3-Trichlorobenzene	180		26.526					ND	
T 104 Methyl acetylene TIC	1		0.000					ND	
T 105 1,2-Dibromo-3-Chloropropan	1		0.000					ND	
T 106 Methyl cyclohexane TIC	1		0.000					ND	
T 107 1,1,1,2-Tetrachloroethane	1		0.000					ND	
T 108 Methyl Acetate TIC	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

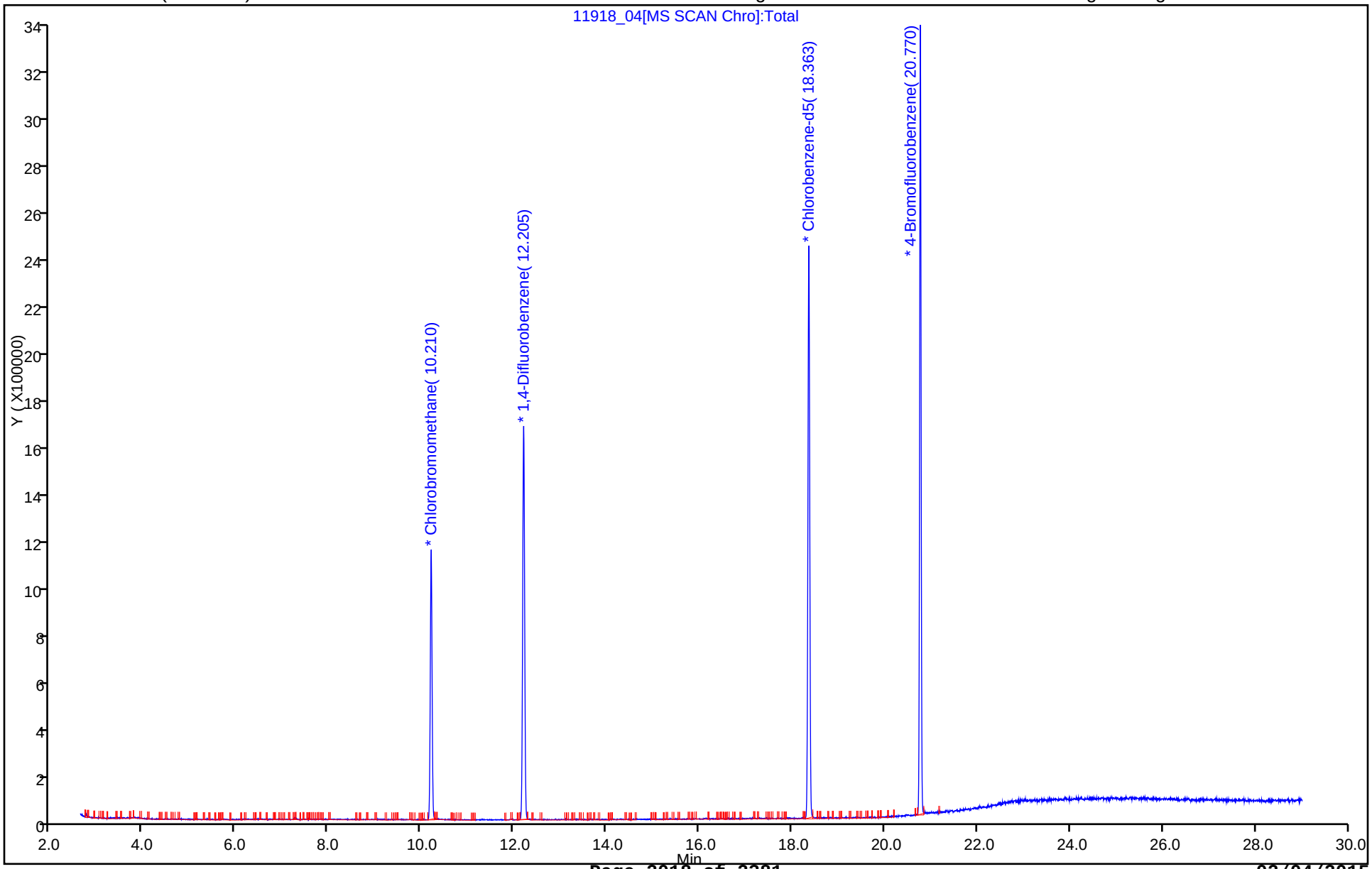
Report Date: 03-Feb-2015 09:43:18 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_04.D

Injection Date:	02-Feb-2015 11:20:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	MB			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-83910/3

Matrix: Air Lab File ID: 11847-003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/28/2015 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	10.6		0.50	0.056
75-45-6	Freon 22	86.47	10.0		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.8		0.20	0.052
74-87-3	Chloromethane	50.49	8.88		0.50	0.060
106-97-8	n-Butane	58.12	9.81		0.50	0.18
75-01-4	Vinyl chloride	62.50	9.08		0.20	0.026
106-99-0	1,3-Butadiene	54.09	9.52		0.20	0.036
74-83-9	Bromomethane	94.94	9.39		0.20	0.044
75-00-3	Chloroethane	64.52	9.39		0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	8.91		0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	10.2		0.20	0.045
76-13-1	Freon TF	187.38	9.53		0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	9.17		0.20	0.010
67-64-1	Acetone	58.08	12.4		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	9.20		5.0	0.15
75-15-0	Carbon disulfide	76.14	10.1		0.50	0.030
107-05-1	3-Chloropropene	76.53	9.58		0.50	0.16
75-09-2	Methylene Chloride	84.93	9.01		0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	9.80		5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	10.7		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	10.6		0.20	0.027
110-54-3	n-Hexane	86.17	10.3		0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	9.76		0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	8.90		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	9.57		0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	20.2		0.20	0.053
67-66-3	Chloroform	119.38	10.5		0.20	0.038
109-99-9	Tetrahydrofuran	72.11	9.42		5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	10.6		0.20	0.030
110-82-7	Cyclohexane	84.16	9.59		0.20	0.010
56-23-5	Carbon tetrachloride	153.81	10.8		0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	9.60		0.20	0.023
71-43-2	Benzene	78.11	9.36		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	11.6		0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-83910/3

Matrix: Air Lab File ID: 11847-003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/28/2015 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	9.93		0.20	0.037
79-01-6	Trichloroethene	131.39	10.3		0.20	0.030
80-62-6	Methyl methacrylate	100.12	10.8		0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	10.0		0.20	0.035
123-91-1	1,4-Dioxane	88.11	9.93		5.0	0.16
75-27-4	Bromodichloromethane	163.83	11.1		0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	11.3		0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	10.9		0.50	0.18
108-88-3	Toluene	92.14	10.0		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	11.2		0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	9.67		0.20	0.037
127-18-4	Tetrachloroethene	165.83	10.5		0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.4		0.50	0.17
124-48-1	Dibromochloromethane	208.29	10.2		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	10.0		0.20	0.018
108-90-7	Chlorobenzene	112.56	9.83		0.20	0.018
100-41-4	Ethylbenzene	106.17	10.3		0.20	0.020
179601-23-1	m,p-Xylene	106.17	20.2		0.50	0.025
95-47-6	Xylene, o-	106.17	10.2		0.20	0.018
1330-20-7	Xylene (total)	106.17	30.4		0.20	0.041
100-42-5	Styrene	104.15	10.5		0.20	0.016
75-25-2	Bromoform	252.75	10.5		0.20	0.025
98-82-8	Cumene	120.19	10.3		0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.60		0.20	0.034
103-65-1	n-Propylbenzene	120.19	10.0		0.20	0.027
622-96-8	4-Ethyltoluene	120.20	10.3		0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	10.4		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	10.1		0.20	0.031
98-06-6	tert-Butylbenzene	134.22	10.3		0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	10.5		0.20	0.016
135-98-8	sec-Butylbenzene	134.22	10.1		0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	10.3		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	10.1		0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	10.2		0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-83910/3

Matrix: Air Lab File ID: 11847-003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/28/2015 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83910 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	10.8		0.20	0.018
104-51-8	n-Butylbenzene	134.22	10.1		0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	10.1		0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	10.2		0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	10.9		0.20	0.036
91-20-3	Naphthalene	128.17	9.71		0.50	0.030

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-003.D
Lims ID: lcs
Client ID:
Sample Type: LCS
Inject. Date: 28-Jan-2015 11:20:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011847-003
Misc. Info.: lcs
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 28-Jan-2015 13:38:09 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: desjardinsb Date: 28-Jan-2015 13:38:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.038	3.044	-0.006	96	101520	10.0	9.05	
2 Dichlorodifluoromethane	85	3.113	3.119	-0.006	99	432962	10.0	10.6	
3 Chlorodifluoromethane	51	3.161	3.167	-0.006	97	240469	10.0	10.0	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.375	3.381	-0.006	98	406267	10.0	10.8	
5 Chloromethane	50	3.520	3.520	0.000	99	116449	10.0	8.88	
6 Butane	43	3.712	3.718	-0.006	97	212114	10.0	9.81	
7 Vinyl chloride	62	3.760	3.766	-0.006	98	134241	10.0	9.08	
8 Butadiene	54	3.830	3.836	-0.006	95	96859	10.0	9.52	
9 Bromomethane	94	4.509	4.515	-0.006	98	113445	10.0	9.39	
$ 19 BFB									
10 Chloroethane	64	4.739	4.750	-0.011	98	59785	10.0	9.39	
11 2-Methylbutane	43	4.804	4.809	-0.005	91	148332	10.0	10.6	
12 Vinyl bromide	106	5.125	5.136	-0.011	98	123195	10.0	8.91	
13 Trichlorofluoromethane	101	5.221	5.221	0.000	99	427223	10.0	10.2	
14 Pentane	43	5.355	5.360	-0.005	95	242329	10.0	10.2	
15 Ethanol	45	5.793	5.799	-0.006	99	71699	15.0	10.5	
16 Ethyl ether	59	5.868	5.874	-0.006	95	97329	10.0	10.4	
17 Acrolein	56	6.275	6.280	-0.005	45	44774	10.0	10.5	
18 1,1,2-Trichloro-1,2,2-trif	101	6.280	6.286	-0.006	96	269699	10.0	9.53	
20 1,1-Dichloroethene	96	6.334	6.339	-0.005	93	117715	10.0	9.17	
21 Acetone	43	6.580	6.585	-0.005	84	286335	10.0	12.4	
22 Carbon disulfide	76	6.729	6.735	-0.006	100	388997	10.0	10.1	
23 Isopropyl alcohol	45	6.852	6.858	-0.006	98	169026	10.0	9.20	
24 3-Chloro-1-propene	41	7.120	7.126	-0.006	88	166982	10.0	9.58	
25 Acetonitrile	41	7.275	7.281	-0.006	98	101957	10.0	10.7	
26 Methylene Chloride	49	7.420	7.420	0.000	97	153437	10.0	9.01	
28 2-Methyl-2-propanol	59	7.623	7.623	0.000	99	254942	10.0	9.80	
29 Methyl tert-butyl ether	73	7.805	7.805	0.000	96	426502	10.0	10.7	
30 trans-1,2-Dichloroethene	61	7.848	7.848	0.000	99	221595	10.0	10.6	
31 Acrylonitrile	53	8.029	8.030	-0.001	94	99492	10.0	9.91	
32 Hexane	57	8.217	8.222	-0.005	91	214186	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.730	8.736	-0.006	100	265547	10.0	9.76	
34 Vinyl acetate	43	8.794	8.800	-0.006	100	380992	10.0	10.0	
35 cis-1,2-Dichloroethene	96	9.848	9.849	-0.001	94	149563	10.0	9.57	
36 2-Butanone (MEK)	72	9.896	9.897	-0.001	99	75201	10.0	8.90	
37 Ethyl acetate	88	9.929	9.934	-0.005	99	12787	10.0	10.5	
S 38 1,2-Dichloroethene, Total	61				0		20.0	20.1	
39 Tetrahydrofuran	42	10.314	10.314	0.000	91	178728	10.0	9.42	
* 40 Chlorobromomethane	128	10.324	10.325	-0.001	93	148580	10.0	10.0	
41 Chloroform	83	10.447	10.453	-0.006	98	354978	10.0	10.5	
42 Cyclohexane	84	10.688	10.689	-0.001	94	218635	10.0	9.59	
43 1,1,1-Trichloroethane	97	10.731	10.731	0.000	98	396391	10.0	10.6	
44 Carbon tetrachloride	117	10.977	10.977	0.000	98	436471	10.0	10.8	
45 Isooctane	57	11.410	11.411	-0.001	98	863608	10.0	9.60	
46 Benzene	78	11.464	11.470	-0.006	96	533526	10.0	9.36	
47 1,2-Dichloroethane	62	11.657	11.662	-0.005	98	279863	10.0	11.6	
48 n-Heptane	43	11.801	11.801	0.000	94	343487	10.0	9.93	
* 50 1,4-Difluorobenzene	114	12.320	12.326	-0.006	95	894888	10.0	10.0	
51 n-Butanol	56	12.700	12.700	0.000	90	108141	10.0	10.2	
52 Trichloroethene	95	12.801	12.802	-0.001	98	261664	10.0	10.3	
53 1,2-Dichloropropane	63	13.401	13.401	0.000	89	233874	10.0	10.0	
54 Methyl methacrylate	69	13.550	13.551	-0.001	92	234030	10.0	10.8	
55 1,4-Dioxane	88	13.615	13.615	0.000	93	94323	10.0	9.93	
56 Dibromomethane	174	13.668	13.668	0.000	94	262478	10.0	10.7	
57 Dichlorobromomethane	83	13.973	13.973	0.000	99	470606	10.0	11.1	
58 cis-1,3-Dichloropropene	75	14.947	14.947	0.000	94	370224	10.0	11.3	
A 60 TVOC as Toluene	1	15.003	(3.012-26.994)		0	140163881	10.0	3164.9	
61 4-Methyl-2-pentanone (MIBK	43	15.235	15.241	-0.006	98	518254	10.0	10.9	
A 63 Toluene Range	1		(15.547-15.567)				ND	ND	
62 Toluene	92	15.551	15.557	-0.006	93	460512	10.0	10.0	
A 64 C8 Range	1		(15.647-15.594)				ND	ND	
A 65 GRO	1	15.584	(15.584-15.584)		0	4039277	10.0	0	
66 n-Octane	43	15.583	15.584	-0.001	94	581080	10.0	11.2	
67 trans-1,3-Dichloropropene	75	16.172	16.172	0.000	97	399420	10.0	11.2	
68 1,1,2-Trichloroethane	83	16.562	16.563	-0.001	94	225480	10.0	9.67	
69 Tetrachloroethene	166	16.659	16.659	-0.001	98	406142	10.0	10.5	
70 2-Hexanone	43	17.006	17.012	-0.006	98	499195	10.0	10.4	
71 Chlorodibromomethane	129	17.349	17.349	0.000	98	475195	10.0	10.2	
72 Ethylene Dibromide	107	17.632	17.632	0.000	99	411340	10.0	10.0	
* 73 Chlorobenzene-d5	117	18.536	18.537	-0.001	87	926896	10.0	10.0	
74 Chlorobenzene	112	18.595	18.595	0.000	93	636982	10.0	9.83	
75 Ethylbenzene	91	18.740	18.740	0.000	99	1070617	10.0	10.3	
76 n-Nonane	57	18.836	18.836	0.000	93	529336	10.0	10.4	
77 m-Xylene & p-Xylene	106	18.996	18.997	-0.001	98	821162	20.0	20.2	
78 o-Xylene	106	19.799	19.804	-0.005	93	396554	10.0	10.2	
79 Styrene	104	19.852	19.847	0.005	94	642169	10.0	10.5	
S 80 Xylenes, Total	106				0		30.0	30.4	
81 Bromoform	173	20.254	20.254	0.000	98	524234	10.0	10.5	
82 Isopropylbenzene	105	20.430	20.430	0.000	96	1206302	10.0	10.3	
* 83 4-Bromofluorobenzene	95	20.788	20.789	-0.001	91	719352	10.0	10.0	
85 1,1,2,2-Tetrachloroethane	83	21.051	21.051	0.000	98	609850	10.0	9.60	
86 N-Propylbenzene	91	21.115	21.110	0.005	99	1506442	10.0	10.0	
87 1,2,3-Trichloropropane	75	21.152	21.153	-0.001	98	503844	10.0	9.75	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 n-Decane	57	21.254	21.254	0.000	91	711544	10.0	9.88	
89 4-Ethyltoluene	105	21.291	21.292	-0.001	98	1279590	10.0	10.3	
90 2-Chlorotoluene	91	21.307	21.308	-0.001	97	1056151	10.0	10.1	
91 1,3,5-Trimethylbenzene	105	21.388	21.388	0.000	92	1060765	10.0	10.4	
92 Alpha Methyl Styrene	118	21.741	21.741	0.000	88	529373	10.0	11.1	
93 tert-Butylbenzene	119	21.864	21.859	0.005	93	1015018	10.0	10.3	
94 1,2,4-Trimethylbenzene	105	21.949	21.950	-0.001	98	1084897	10.0	10.5	
95 sec-Butylbenzene	105	22.174	22.174	0.000	98	1531680	10.0	10.1	
96 4-Isopropyltoluene	119	22.372	22.372	0.000	97	1325430	10.0	10.3	
97 1,3-Dichlorobenzene	146	22.415	22.415	0.000	96	753607	10.0	10.1	
98 1,4-Dichlorobenzene	146	22.554	22.554	0.000	94	757911	10.0	10.2	
99 Benzyl chloride	91	22.763	22.763	-0.001	98	990331	10.0	10.8	
100 Undecane	57	22.960	22.961	-0.001	96	831217	10.0	9.95	
101 n-Butylbenzene	91	22.966	22.966	0.000	97	1249378	10.0	10.1	
102 1,2-Dichlorobenzene	146	23.116	23.116	0.000	96	717220	10.0	10.1	
103 Dodecane	57	24.630	24.630	0.000	95	715893	10.0	9.47	
104 1,2,4-Trichlorobenzene	180	25.780	25.775	0.005	94	623672	10.0	10.2	
105 Hexachlorobutadiene	225	25.967	25.962	0.005	97	637591	10.0	10.9	
106 Naphthalene	128	26.315	26.315	0.000	99	1162544	10.0	9.71	
107 1,2,3-Trichlorobenzene	180	26.828	26.829	-0.001	95	542755	10.0	10.1	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

7 - Failed Limit of Detection

Reagents:

ATTO15LCSW_00454	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

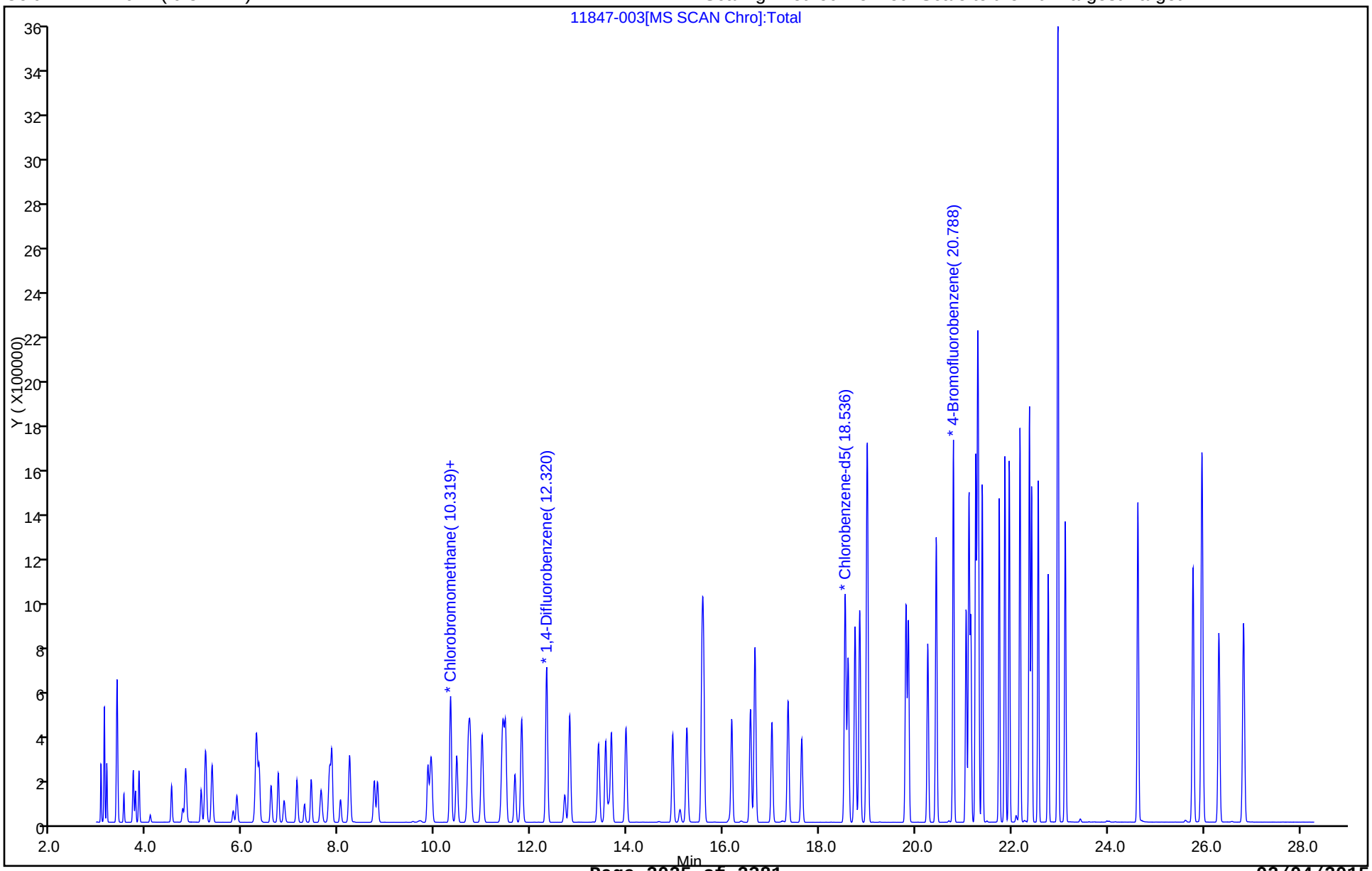
Report Date: 28-Jan-2015 13:38:10 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150128-11847.b\11847-003.D

Injection Date:	28-Jan-2015 11:20:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	lcs			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-83982/3

Matrix: Air Lab File ID: 11878_003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 12:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	10.8		0.50	0.056
75-45-6	Freon 22	86.47	11.1		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	12.4		0.20	0.052
74-87-3	Chloromethane	50.49	10.6		0.50	0.060
106-97-8	n-Butane	58.12	10.7		0.50	0.18
75-01-4	Vinyl chloride	62.50	11.1		0.20	0.026
106-99-0	1,3-Butadiene	54.09	11.0		0.20	0.036
74-83-9	Bromomethane	94.94	11.4		0.20	0.044
75-00-3	Chloroethane	64.52	10.9		0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	11.3		0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	11.4		0.20	0.045
76-13-1	Freon TF	187.38	11.2		0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	11.0		0.20	0.010
67-64-1	Acetone	58.08	10.3		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	10.5		5.0	0.15
75-15-0	Carbon disulfide	76.14	12.7		0.50	0.030
107-05-1	3-Chloropropene	76.53	10.6		0.50	0.16
75-09-2	Methylene Chloride	84.93	11.0		0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	10.8		5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	11.2		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	12.1		0.20	0.027
110-54-3	n-Hexane	86.17	12.3		0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	11.5		0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	10.2		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	10.6		0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	22.7		0.20	0.053
67-66-3	Chloroform	119.38	11.2		0.20	0.038
109-99-9	Tetrahydrofuran	72.11	11.3		5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	11.3		0.20	0.030
110-82-7	Cyclohexane	84.16	11.5		0.20	0.010
56-23-5	Carbon tetrachloride	153.81	11.6		0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	11.5		0.20	0.023
71-43-2	Benzene	78.11	11.2		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	11.4		0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-83982/3

Matrix: Air Lab File ID: 11878_003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 12:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	11.4		0.20	0.037
79-01-6	Trichloroethene	131.39	11.3		0.20	0.030
80-62-6	Methyl methacrylate	100.12	11.3		0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	11.1		0.20	0.035
123-91-1	1,4-Dioxane	88.11	10.9		5.0	0.16
75-27-4	Bromodichloromethane	163.83	11.0		0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	11.3		0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	11.0		0.50	0.18
108-88-3	Toluene	92.14	11.6		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	10.8		0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	11.4		0.20	0.037
127-18-4	Tetrachloroethene	165.83	10.1		0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	11.5		0.50	0.17
124-48-1	Dibromochloromethane	208.29	10.6		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	11.1		0.20	0.018
108-90-7	Chlorobenzene	112.56	10.8		0.20	0.018
100-41-4	Ethylbenzene	106.17	11.3		0.20	0.020
179601-23-1	m,p-Xylene	106.17	23.3		0.50	0.025
95-47-6	Xylene, o-	106.17	11.2		0.20	0.018
1330-20-7	Xylene (total)	106.17	34.5		0.20	0.041
100-42-5	Styrene	104.15	11.8		0.20	0.016
75-25-2	Bromoform	252.75	10.7		0.20	0.025
98-82-8	Cumene	120.19	11.7		0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	11.9		0.20	0.034
103-65-1	n-Propylbenzene	120.19	12.0		0.20	0.027
622-96-8	4-Ethyltoluene	120.20	12.2		0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	11.8		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	11.6		0.20	0.031
98-06-6	tert-Butylbenzene	134.22	11.8		0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	12.0		0.20	0.016
135-98-8	sec-Butylbenzene	134.22	12.2		0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	12.2		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	11.6		0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	11.6		0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-83982/3

Matrix: Air Lab File ID: 11878_003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 12:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83982 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	12.4		0.20	0.018
104-51-8	n-Butylbenzene	134.22	12.9		0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	11.6		0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	9.04		0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	10.3		0.20	0.036
91-20-3	Naphthalene	128.17	7.86		0.50	0.030

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_003.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 29-Jan-2015 12:18:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011878-003
Misc. Info.: LCS
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 09:12:03 Calib Date: 23-Jan-2015 19:33:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20150123-11767.b\11767_012.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: lyonsb Date: 29-Jan-2015 13:02:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.419	4.387	0.032	97	166700	10.0	10.4	
2 Dichlorodifluoromethane	85	4.510	4.478	0.032	88	727977	10.0	10.8	
3 Chlorodifluoromethane	51	4.574	4.547	0.027	56	361336	10.0	11.1	
4 1,2-Dichloro-1,1,2,2-tetra	85	4.857	4.836	0.021	92	860816	10.0	12.4	
5 Chloromethane	50	5.050	5.023	0.027	88	209229	10.0	10.6	
6 Butane	43	5.307	5.291	0.016	97	344087	10.0	10.7	
7 Vinyl chloride	62	5.366	5.344	0.022	79	284216	10.0	11.1	
8 Butadiene	54	5.462	5.446	0.016	91	197408	10.0	11.0	
10 BFB									
9 Bromomethane	94	6.323	6.307	0.016	99	354610	10.0	11.4	
11 Chloroethane	64	6.607	6.596	0.011	94	151571	10.0	10.9	
12 2-Methylbutane	43	6.692	6.682	0.010	91	274474	10.0	12.0	
13 Vinyl bromide	106	7.078	7.072	0.006	88	349077	10.0	11.3	
14 Trichlorofluoromethane	101	7.195	7.185	0.010	86	744865	10.0	11.4	
16 Pentane	43	7.356	7.350	0.006	97	412072	10.0	12.5	
17 Ethanol	45	7.875	7.853	0.022	98	102108	15.0	14.5	
18 Ethyl ether	59	7.960	7.950	0.010	84	183308	10.0	12.5	
19 Acrolein	56	8.410	8.399	0.011	50	96400	10.0	13.6	
20 1,1,2-Trichloro-1,2,2-trif	101	8.436	8.431	0.005	96	622944	10.0	11.2	
21 1,1-Dichloroethene	96	8.506	8.501	0.005	81	299082	10.0	11.0	
22 Acetone	43	8.763	8.752	0.011	90	294389	10.0	10.3	
23 Carbon disulfide	76	8.993	8.987	0.006	98	859168	10.0	12.7	
24 Isopropyl alcohol	45	9.094	9.078	0.016	88	221372	10.0	10.5	
25 3-Chloro-1-propene	41	9.389	9.383	0.006	88	238469	10.0	10.6	
26 Acetonitrile	41	9.528	9.522	0.006	100	162448	10.0	12.4	
27 Methylene Chloride	49	9.720	9.715	0.005	78	244152	10.0	11.0	
28 2-Methyl-2-propanol	59	9.966	9.950	0.016	97	344702	10.0	10.8	
29 Methyl tert-butyl ether	73	10.175	10.164	0.011	96	711050	10.0	11.2	
S 30 1,2-Dichloroethene, Total	61				0		20.0	22.7	
31 trans-1,2-Dichloroethene	61	10.218	10.207	0.011	77	368801	10.0	12.1	
32 Acrylonitrile	53	10.368	10.362	0.006	97	182497	10.0	11.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Hexane	57	10.630	10.624	0.006	87	405196	10.0	12.3	
34 1,1-Dichloroethane	63	11.175	11.170	0.005	94	453757	10.0	11.5	
35 Vinyl acetate	43	11.224	11.213	0.011	99	523027	10.0	11.0	
37 cis-1,2-Dichloroethene	96	12.347	12.342	0.005	86	328132	10.0	10.6	
38 2-Butanone (MEK)	72	12.374	12.363	0.011	99	146272	10.0	10.2	
39 Ethyl acetate	88	12.395	12.390	0.005	94	27240	10.0	11.2	
* 40 Chlorobromomethane	128	12.829	12.823	0.006	66	243267	10.0	10.0	
41 Tetrahydrofuran	42	12.845	12.839	0.006	87	233823	10.0	11.3	
42 Chloroform	83	12.941	12.936	0.005	85	555766	10.0	11.2	
43 Cyclohexane	84	13.235	13.230	0.005	78	425256	10.0	11.5	
44 1,1,1-Trichloroethane	97	13.246	13.240	0.006	91	575077	10.0	11.3	
45 Carbon tetrachloride	117	13.497	13.497	0.000	89	620333	10.0	11.6	
46 Isooctane	57	13.893	13.888	0.005	99	1202773	10.0	11.5	
47 Benzene	78	13.947	13.947	0.000	93	906568	10.0	11.2	
48 1,2-Dichloroethane	62	14.107	14.107	0.000	91	291670	10.0	11.4	
49 n-Heptane	43	14.241	14.241	0.000	84	378230	10.0	11.4	
* 50 1,4-Difluorobenzene	114	14.706	14.701	0.005	91	1084226	10.0	10.0	
A 51 GRO	1	14.746	(6.672-22.821)		0	106298542	10.0	0	
52 n-Butanol	56	15.043	15.038	0.005	80	127824	10.0	12.6	
53 Trichloroethene	95	15.172	15.172	0.000	89	414046	10.0	11.3	
54 1,2-Dichloropropane	63	15.691	15.685	0.006	71	300885	10.0	11.1	
55 Methyl methacrylate	69	15.776	15.771	0.005	72	308333	10.0	11.3	
56 1,4-Dioxane	88	15.878	15.872	0.006	79	135004	10.0	10.9	
57 Dibromomethane	174	15.937	15.931	0.006	91	460197	10.0	9.86	
58 Dichlorobromomethane	83	16.183	16.177	0.006	94	591544	10.0	11.0	
A 59 TVOC as Toluene	92	16.597	(4.377-28.818)		0	187353489	10.0	2680.6	
60 cis-1,3-Dichloropropene	75	17.039	17.039	0.000	82	453136	10.0	11.3	
61 4-Methyl-2-pentanone (MIBK	43	17.280	17.274	0.006	92	476612	10.0	11.0	
64 Toluene	92	17.611	17.606	0.005	93	708118	10.0	11.6	
A 65 Toluene Range	92	17.606	(17.566-17.646)		0	4930498	10.0	80.5	E
62 n-Octane	43	17.606	17.606	0.000	73	527433	10.0	11.5	
A 63 C8 Range	1	17.606	(17.556-17.656)		0	4930498	NC	NC	
66 trans-1,3-Dichloropropene	75	18.141	18.141	0.000	90	435185	10.0	10.8	
67 1,1,2-Trichloroethane	83	18.510	18.505	0.005	93	316799	10.0	11.4	
68 Tetrachloroethene	166	18.649	18.649	0.000	91	646146	10.0	10.1	
69 2-Hexanone	43	18.906	18.900	0.006	91	441759	10.0	11.5	
71 Chlorodibromomethane	129	19.270	19.264	0.006	96	720923	10.0	10.6	
72 Ethylene Dibromide	107	19.548	19.548	0.000	98	620299	10.0	11.1	
S 73 Xylenes, Total	106				0		30.0	34.6	
* 74 Chlorobenzene-d5	117	20.393	20.393	0.000	75	949578	10.0	10.0	
75 Chlorobenzene	112	20.452	20.446	0.006	98	986720	10.0	10.8	
76 Ethylbenzene	91	20.564	20.559	0.005	96	1442215	10.0	11.3	
77 n-Nonane	57	20.618	20.618	0.000	83	581734	10.0	12.0	
78 m-Xylene & p-Xylene	106	20.778	20.778	0.000	97	1341817	20.0	23.3	
79 o-Xylene	106	21.495	21.495	0.000	96	626717	10.0	11.2	
80 Styrene	104	21.538	21.532	0.006	98	1006057	10.0	11.8	
81 Bromoform	173	21.918	21.918	0.000	99	825022	10.0	10.7	
82 Isopropylbenzene	105	22.062	22.062	0.000	93	1784981	10.0	11.7	
$ 83 4-Bromofluorobenzene	95	22.399	22.399	0.000	98	629744	NC	NC	
84 1,1,2,2-Tetrachloroethane	83	22.624	22.624	0.000	90	884394	10.0	11.9	
85 N-Propylbenzene	91	22.699	22.699	0.000	99	2097974	10.0	12.0	
86 1,2,3-Trichloropropane	75	22.726	22.725	0.001	86	629720	10.0	11.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	22.811	22.811	0.000	82	775316	10.0	11.9	
88 4-Ethyltoluene	105	22.865	22.865	0.000	84	1907612	10.0	12.2	
89 2-Chlorotoluene	91	22.902	22.902	0.000	88	1436096	10.0	11.6	
90 1,3,5-Trimethylbenzene	105	22.956	22.956	0.000	80	1522695	10.0	11.8	
91 Alpha Methyl Styrene	118	23.309	23.309	0.000	91	851184	10.0	12.3	
92 tert-Butylbenzene	119	23.432	23.432	0.000	95	1544831	10.0	11.8	
93 1,2,4-Trimethylbenzene	105	23.528	23.523	0.005	94	1542162	10.0	12.0	
94 sec-Butylbenzene	105	23.763	23.758	0.005	99	2329801	10.0	12.2	
95 4-Isopropyltoluene	119	23.961	23.961	0.000	82	2022333	10.0	12.2	
96 1,3-Dichlorobenzene	146	24.036	24.036	0.000	98	1229037	10.0	11.6	
97 1,4-Dichlorobenzene	146	24.181	24.181	0.000	97	1206752	10.0	11.6	
98 Benzyl chloride	91	24.389	24.384	0.005	99	1197108	10.0	12.4	
99 Undecane	57	24.577	24.576	0.000	91	919006	10.0	12.6	
100 n-Butylbenzene	91	24.598	24.598	0.000	97	1841916	10.0	12.9	
101 1,2-Dichlorobenzene	146	24.785	24.785	0.000	99	1176012	10.0	11.6	
102 Dodecane	57	26.369	26.369	0.000	92	690920	10.0	10.0	
103 1,2,4-Trichlorobenzene	180	27.663	27.663	0.000	92	692040	10.0	9.04	
104 Hexachlorobutadiene	225	27.861	27.861	0.000	92	764834	10.0	10.3	
105 Naphthalene	128	28.246	28.241	0.005	99	1144111	10.0	7.86	
106 1,2,3-Trichlorobenzene	180	28.808	28.808	0.000	94	591423	10.0	8.84	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

ATTO15LCSW_00455	Amount Added: 200.00	Units: mL	
ATTO15WISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

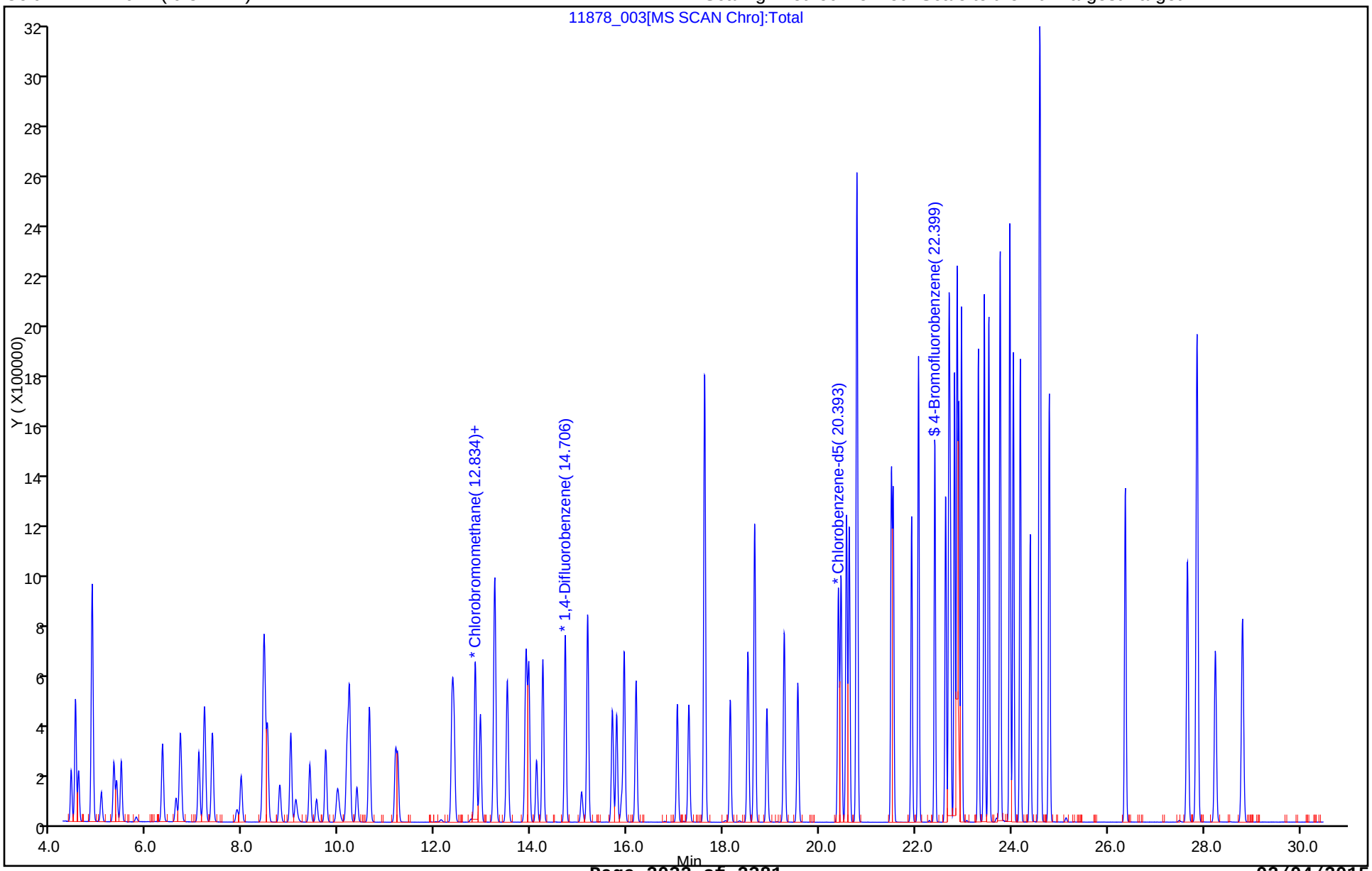
Report Date: 30-Jan-2015 09:12:05 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20150129-11878.b\11878_003.d

Injection Date:	29-Jan-2015 12:18:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-83984/3

Matrix: Air Lab File ID: 11880-003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 12:35

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	11.0		0.50	0.056
75-45-6	Freon 22	86.47	10.6		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	11.1		0.20	0.052
74-87-3	Chloromethane	50.49	9.35		0.50	0.060
106-97-8	n-Butane	58.12	10.3		0.50	0.18
75-01-4	Vinyl chloride	62.50	9.33		0.20	0.026
106-99-0	1,3-Butadiene	54.09	10.2		0.20	0.036
74-83-9	Bromomethane	94.94	9.84		0.20	0.044
75-00-3	Chloroethane	64.52	10.1		0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.10		0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	10.6		0.20	0.045
76-13-1	Freon TF	187.38	9.67		0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	9.40		0.20	0.010
67-64-1	Acetone	58.08	12.9		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	9.39		5.0	0.15
75-15-0	Carbon disulfide	76.14	10.3		0.50	0.030
107-05-1	3-Chloropropene	76.53	9.73		0.50	0.16
75-09-2	Methylene Chloride	84.93	9.33		0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	9.86		5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	10.7		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	10.9		0.20	0.027
110-54-3	n-Hexane	86.17	10.6		0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	9.81		0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	9.13		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	9.41		0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	20.3		0.20	0.053
67-66-3	Chloroform	119.38	10.8		0.20	0.038
109-99-9	Tetrahydrofuran	72.11	9.94		5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	11.1		0.20	0.030
110-82-7	Cyclohexane	84.16	9.70		0.20	0.010
56-23-5	Carbon tetrachloride	153.81	11.2		0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	9.82		0.20	0.023
71-43-2	Benzene	78.11	9.59		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	12.2		0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-83984/3

Matrix: Air Lab File ID: 11880-003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 12:35

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	10.3		0.20	0.037
79-01-6	Trichloroethene	131.39	10.5		0.20	0.030
80-62-6	Methyl methacrylate	100.12	11.0		0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	9.88		0.20	0.035
123-91-1	1,4-Dioxane	88.11	9.77		5.0	0.16
75-27-4	Bromodichloromethane	163.83	11.4		0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	11.3		0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	11.2		0.50	0.18
108-88-3	Toluene	92.14	10.3		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	11.4		0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	9.95		0.20	0.037
127-18-4	Tetrachloroethene	165.83	10.6		0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.9		0.50	0.17
124-48-1	Dibromochloromethane	208.29	10.5		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	10.2		0.20	0.018
108-90-7	Chlorobenzene	112.56	9.99		0.20	0.018
100-41-4	Ethylbenzene	106.17	10.6		0.20	0.020
179601-23-1	m,p-Xylene	106.17	20.7		0.50	0.025
95-47-6	Xylene, o-	106.17	10.3		0.20	0.018
1330-20-7	Xylene (total)	106.17	31.0		0.20	0.041
100-42-5	Styrene	104.15	10.8		0.20	0.016
75-25-2	Bromoform	252.75	10.7		0.20	0.025
98-82-8	Cumene	120.19	10.6		0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.88		0.20	0.034
103-65-1	n-Propylbenzene	120.19	10.4		0.20	0.027
622-96-8	4-Ethyltoluene	120.20	10.7		0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	10.8		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	10.5		0.20	0.031
98-06-6	tert-Butylbenzene	134.22	10.5		0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	10.8		0.20	0.016
135-98-8	sec-Butylbenzene	134.22	10.5		0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	10.7		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	10.4		0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	10.3		0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-83984/3

Matrix: Air Lab File ID: 11880-003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 12:35

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83984 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	11.2		0.20	0.018
104-51-8	n-Butylbenzene	134.22	10.6		0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	10.4		0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	10.3		0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	11.2		0.20	0.036
91-20-3	Naphthalene	128.17	10.1		0.50	0.030

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-003.D
Lims ID: lcs
Client ID:
Sample Type: LCS
Inject. Date: 29-Jan-2015 12:35:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011880-003
Misc. Info.: lcs
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 29-Jan-2015 11:15:35 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: desjardinsb Date: 29-Jan-2015 13:30:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.038	3.038	0.000	96	100108	10.0	9.60	
2 Dichlorodifluoromethane	85	3.108	3.113	-0.005	89	417983	10.0	11.0	
3 Chlorodifluoromethane	51	3.161	3.162	-0.001	76	237414	10.0	10.6	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.375	3.376	-0.001	94	388558	10.0	11.1	
5 Chloromethane	50	3.515	3.520	-0.006	89	113956	10.0	9.35	
6 Butane	43	3.712	3.713	-0.001	97	207188	10.0	10.3	
7 Vinyl chloride	62	3.755	3.755	0.000	81	128241	10.0	9.33	
8 Butadiene	54	3.830	3.830	0.000	96	96915	10.0	10.2	
9 Bromomethane	94	4.510	4.510	0.000	98	110463	10.0	9.84	
$ 19 BFB									
10 Chloroethane	64	4.740	4.740	0.000	95	59788	10.0	10.1	
11 2-Methylbutane	43	4.804	4.804	0.000	93	147748	10.0	11.4	
12 Vinyl bromide	106	5.125	5.130	-0.005	90	116938	10.0	9.10	
13 Trichlorofluoromethane	101	5.216	5.216	0.000	87	411760	10.0	10.6	
14 Pentane	43	5.349	5.350	-0.001	95	238412	10.0	10.8	
15 Ethanol	45	5.793	5.799	-0.006	99	71981	15.0	11.3	
16 Ethyl ether	59	5.868	5.868	0.000	89	95731	10.0	11.0	
17 Acrolein	56	6.275	6.275	0.000	43	41753	10.0	10.5	
18 1,1,2-Trichloro-1,2,2-trif	101	6.275	6.275	0.000	95	254293	10.0	9.67	
20 1,1-Dichloroethene	96	6.334	6.334	0.000	87	112173	10.0	9.40	
21 Acetone	43	6.580	6.580	0.000	84	277729	10.0	12.9	
22 Carbon disulfide	76	6.730	6.730	0.000	100	369482	10.0	10.3	
23 Isopropyl alcohol	45	6.853	6.858	-0.005	97	160454	10.0	9.39	
24 3-Chloro-1-propene	41	7.120	7.126	-0.006	86	157683	10.0	9.73	
25 Acetonitrile	41	7.275	7.275	0.000	98	98111	10.0	11.0	
26 Methylene Chloride	49	7.414	7.415	-0.001	94	147778	10.0	9.33	
28 2-Methyl-2-propanol	59	7.623	7.623	0.000	98	238478	10.0	9.86	
29 Methyl tert-butyl ether	73	7.805	7.800	0.005	96	397671	10.0	10.7	
30 trans-1,2-Dichloroethene	61	7.848	7.843	0.005	89	213406	10.0	10.9	
31 Acrylonitrile	53	8.024	8.024	0.000	94	95040	10.0	10.2	
32 Hexane	57	8.217	8.217	0.000	91	204425	10.0	10.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.736	8.731	0.005	94	247916	10.0	9.81	
34 Vinyl acetate	43	8.800	8.795	0.005	100	360058	10.0	10.2	
35 cis-1,2-Dichloroethene	96	9.849	9.849	0.000	91	136763	10.0	9.41	
36 2-Butanone (MEK)	72	9.897	9.902	-0.005	97	71690	10.0	9.13	
37 Ethyl acetate	88	9.923	9.924	-0.001	94	11541	10.0	10.2	
S 38 1,2-Dichloroethene, Total	61				0		20.0	20.3	
39 Tetrahydrofuran	42	10.309	10.309	0.000	88	171358	10.0	9.94	
* 40 Chlorobromomethane	128	10.319	10.319	0.000	92	138121	10.0	10.0	
41 Chloroform	83	10.448	10.448	0.000	92	337970	10.0	10.8	
42 Cyclohexane	84	10.688	10.689	-0.001	93	200986	10.0	9.70	
43 1,1,1-Trichloroethane	97	10.726	10.726	0.000	92	376932	10.0	11.1	
44 Carbon tetrachloride	117	10.972	10.972	0.000	90	411870	10.0	11.2	
45 Isooctane	57	11.405	11.405	0.000	98	803363	10.0	9.82	
46 Benzene	78	11.464	11.459	0.005	95	496501	10.0	9.59	
47 1,2-Dichloroethane	62	11.657	11.657	0.000	92	268826	10.0	12.2	
48 n-Heptane	43	11.801	11.796	0.005	95	324642	10.0	10.3	
* 50 1,4-Difluorobenzene	114	12.320	12.320	0.000	95	813454	10.0	10.0	
51 n-Butanol	56	12.700	12.695	0.005	91	100580	10.0	10.4	
52 Trichloroethene	95	12.796	12.796	0.000	93	241561	10.0	10.5	
53 1,2-Dichloropropane	63	13.401	13.401	0.000	87	210007	10.0	9.88	
54 Methyl methacrylate	69	13.551	13.545	0.006	92	215152	10.0	11.0	
55 1,4-Dioxane	88	13.615	13.610	0.005	80	84305	10.0	9.77	
56 Dibromomethane	174	13.668	13.668	0.000	95	232092	10.0	10.4	
57 Dichlorobromomethane	83	13.968	13.968	0.000	95	440753	10.0	11.4	
58 cis-1,3-Dichloropropene	75	14.947	14.942	0.005	90	336280	10.0	11.3	
A 60 TVOC as Toluene	1	14.960	(3.012-26.909)		0	131309372	10.0	3261.8	
61 4-Methyl-2-pentanone (MIBK	43	15.236	15.236	0.000	98	485305	10.0	11.2	
A 63 Toluene Range	1		(15.541-15.561)				ND	ND	
62 Toluene	92	15.557	15.551	0.006	93	423519	10.0	10.3	
A 64 C8 Range	1		(15.700-15.594)				ND	ND	
A 65 GRO	1	15.584	(15.584-15.584)		0	3778253	10.0	0	
66 n-Octane	43	15.583	15.584	-0.001	93	547212	10.0	11.6	
67 trans-1,3-Dichloropropene	75	16.172	16.172	0.000	95	369056	10.0	11.4	
68 1,1,2-Trichloroethane	83	16.562	16.557	0.005	89	207158	10.0	9.95	
69 Tetrachloroethene	166	16.659	16.653	0.006	85	363041	10.0	10.6	
70 2-Hexanone	43	17.006	17.007	-0.001	98	470351	10.0	10.9	
71 Chlorodibromomethane	129	17.349	17.344	0.005	97	436547	10.0	10.5	
72 Ethylene Dibromide	107	17.627	17.632	-0.005	98	373975	10.0	10.2	
* 73 Chlorobenzene-d5	117	18.536	18.531	0.005	72	827827	10.0	10.0	
74 Chlorobenzene	112	18.595	18.595	0.000	91	578247	10.0	10.0	
75 Ethylbenzene	91	18.740	18.740	0.000	97	988640	10.0	10.6	
76 n-Nonane	57	18.836	18.836	0.000	92	492308	10.0	10.8	
77 m-Xylene & p-Xylene	106	18.997	18.991	0.006	98	752485	20.0	20.7	
78 o-Xylene	106	19.799	19.799	0.000	90	358942	10.0	10.3	
79 Styrene	104	19.852	19.847	0.005	93	590667	10.0	10.8	
S 80 Xylenes, Total	106				0		30.0	31.0	
81 Bromoform	173	20.254	20.254	0.000	97	476501	10.0	10.7	
82 Isopropylbenzene	105	20.430	20.430	0.000	96	1114546	10.0	10.6	
* 83 4-Bromofluorobenzene	95	20.789	20.789	0.000	90	646252	10.0	10.0	
85 1,1,2,2-Tetrachloroethane	83	21.056	21.051	0.005	90	560925	10.0	9.88	
86 N-Propylbenzene	91	21.110	21.110	0.000	98	1396916	10.0	10.4	
87 1,2,3-Trichloropropane	75	21.152	21.147	0.005	90	472888	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 n-Decane	57	21.254	21.254	0.000	91	672072	10.0	10.4	
89 4-Ethyltoluene	105	21.292	21.292	0.000	95	1185729	10.0	10.7	
90 2-Chlorotoluene	91	21.308	21.308	0.000	96	981985	10.0	10.5	
91 1,3,5-Trimethylbenzene	105	21.388	21.388	0.000	92	981304	10.0	10.8	
92 Alpha Methyl Styrene	118	21.741	21.741	0.000	85	482624	10.0	11.3	
93 tert-Butylbenzene	119	21.864	21.859	0.005	92	925179	10.0	10.5	
94 1,2,4-Trimethylbenzene	105	21.950	21.950	0.000	97	998265	10.0	10.8	
95 sec-Butylbenzene	105	22.174	22.174	0.000	98	1420080	10.0	10.5	
96 4-Isopropyltoluene	119	22.372	22.372	0.000	83	1223171	10.0	10.7	
97 1,3-Dichlorobenzene	146	22.415	22.415	0.000	94	692005	10.0	10.4	
98 1,4-Dichlorobenzene	146	22.554	22.554	0.000	94	687212	10.0	10.3	
99 Benzyl chloride	91	22.763	22.763	0.000	98	917871	10.0	11.2	
100 Undecane	57	22.961	22.961	0.000	81	788005	10.0	10.6	
101 n-Butylbenzene	91	22.966	22.966	0.000	95	1175881	10.0	10.6	
102 1,2-Dichlorobenzene	146	23.116	23.116	0.000	94	660576	10.0	10.4	
103 Dodecane	57	24.630	24.630	0.000	93	660448	10.0	9.79	
104 1,2,4-Trichlorobenzene	180	25.780	25.780	0.000	93	564156	10.0	10.3	
105 Hexachlorobutadiene	225	25.962	25.962	0.000	93	582493	10.0	11.2	
106 Naphthalene	128	26.315	26.315	0.000	99	1078062	10.0	10.1	
107 1,2,3-Trichlorobenzene	180	26.829	26.829	-0.001	93	500241	10.0	10.4	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

7 - Failed Limit of Detection

Reagents:

ATTO15LCSW_00454	Amount Added: 200.00	Units: mL	
ATTO15GIS_00009	Amount Added: 20.00	Units: mL	Run Reagent

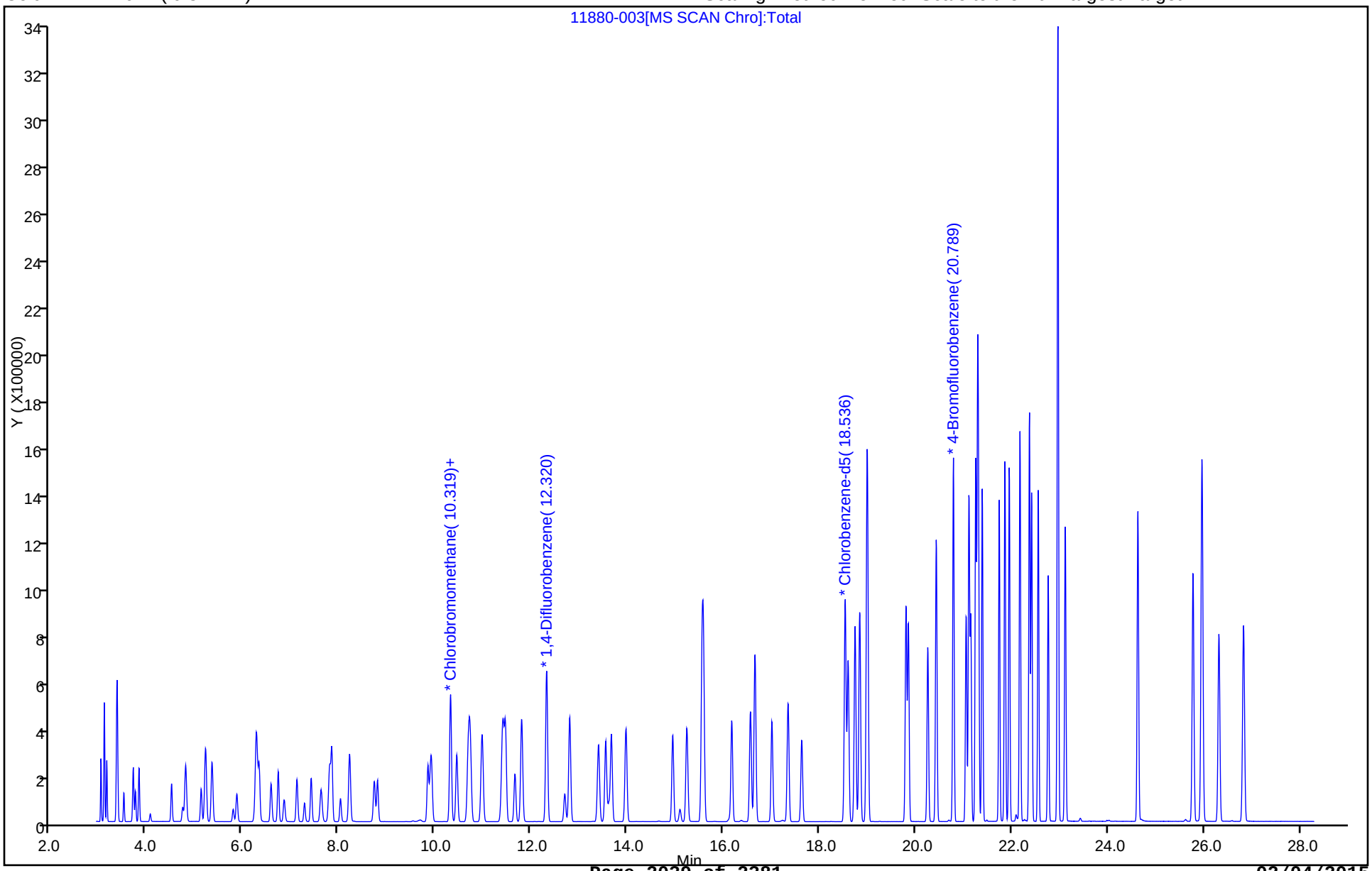
Report Date: 29-Jan-2015 13:30:53 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150129-11880.b\11880-003.D

Injection Date:	29-Jan-2015 12:35:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	lcs			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-84038/5

Matrix: Air Lab File ID: 11892_05.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 12:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	9.79		0.50	0.056
75-45-6	Freon 22	86.47	10.1		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	11.2		0.20	0.052
74-87-3	Chloromethane	50.49	9.23		0.50	0.060
106-97-8	n-Butane	58.12	9.97		0.50	0.18
75-01-4	Vinyl chloride	62.50	9.16		0.20	0.026
106-99-0	1,3-Butadiene	54.09	9.40		0.20	0.036
74-83-9	Bromomethane	94.94	9.80		0.20	0.044
75-00-3	Chloroethane	64.52	9.69		0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.88		0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	9.98		0.20	0.045
76-13-1	Freon TF	187.38	9.64		0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	9.40		0.20	0.010
67-64-1	Acetone	58.08	11.4		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	9.81		5.0	0.15
75-15-0	Carbon disulfide	76.14	11.6		0.50	0.030
107-05-1	3-Chloropropene	76.53	9.40		0.50	0.16
75-09-2	Methylene Chloride	84.93	9.78		0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	9.79		5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	9.98		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	10.7		0.20	0.027
110-54-3	n-Hexane	86.17	10.9		0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	9.92		0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	9.07		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	9.70		0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	20.4		0.20	0.053
67-66-3	Chloroform	119.38	10.4		0.20	0.038
109-99-9	Tetrahydrofuran	72.11	10.2		5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	10.0		0.20	0.030
110-82-7	Cyclohexane	84.16	10.1		0.20	0.010
56-23-5	Carbon tetrachloride	153.81	10.1		0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	10.2		0.20	0.023
71-43-2	Benzene	78.11	9.92		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	10.5		0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-84038/5

Matrix: Air Lab File ID: 11892_05.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 12:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	10.4		0.20	0.037
79-01-6	Trichloroethene	131.39	9.47		0.20	0.030
80-62-6	Methyl methacrylate	100.12	10.3		0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	10.5		0.20	0.035
123-91-1	1,4-Dioxane	88.11	10.6		5.0	0.16
75-27-4	Bromodichloromethane	163.83	10.7		0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	11.1		0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	10.6		0.50	0.18
108-88-3	Toluene	92.14	10.1		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	10.9		0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	10.1		0.20	0.037
127-18-4	Tetrachloroethene	165.83	9.37		0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.4		0.50	0.17
124-48-1	Dibromochloromethane	208.29	9.84		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	10.0		0.20	0.018
108-90-7	Chlorobenzene	112.56	9.64		0.20	0.018
100-41-4	Ethylbenzene	106.17	9.98		0.20	0.020
179601-23-1	m,p-Xylene	106.17	19.1		0.50	0.025
95-47-6	Xylene, o-	106.17	9.62		0.20	0.018
1330-20-7	Xylene (total)	106.17	28.7		0.20	0.041
100-42-5	Styrene	104.15	9.77		0.20	0.016
75-25-2	Bromoform	252.75	9.70		0.20	0.025
98-82-8	Cumene	120.19	9.53		0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10.1		0.20	0.034
103-65-1	n-Propylbenzene	120.19	9.66		0.20	0.027
622-96-8	4-Ethyltoluene	120.20	9.91		0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	9.56		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	9.74		0.20	0.031
98-06-6	tert-Butylbenzene	134.22	9.21		0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	9.35		0.20	0.016
135-98-8	sec-Butylbenzene	134.22	9.35		0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	9.36		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	9.09		0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	8.98		0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-84038/5

Matrix: Air Lab File ID: 11892_05.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/30/2015 12:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84038 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	9.22		0.20	0.018
104-51-8	n-Butylbenzene	134.22	9.55		0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	8.99		0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	8.49		0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	9.69		0.20	0.036
91-20-3	Naphthalene	128.17	7.15		0.50	0.030

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_05.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Jan-2015 12:12:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011892-005
Misc. Info.: lcs
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 16:49:31 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: lyonsb Date: 30-Jan-2015 13:13:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.758	2.758	0.000	96	394935	10.0	9.34	
2 Dichlorodifluoromethane	85	2.827	2.827	0.000	99	1452535	10.0	9.79	
3 Chlorodifluoromethane	51	2.881	2.881	0.000	97	873618	10.0	10.1	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.095	3.089	0.006	98	1213207	10.0	11.2	
5 Chloromethane	50	3.223	3.223	0.000	99	398551	10.0	9.23	
6 Butane	43	3.426	3.426	0.000	95	635509	10.0	9.97	
7 Vinyl chloride	62	3.464	3.469	-0.005	99	409496	10.0	9.16	
8 Butadiene	54	3.549	3.544	0.005	91	278889	10.0	9.40	
9 Bromomethane	94	4.229	4.229	0.000	98	403991	10.0	9.80	
10 Chloroethane	64	4.480	4.480	0.000	94	158266	10.0	9.69	
11 2-Methylbutane	43	4.571	4.566	0.005	89	453345	10.0	10.9	
12 Vinyl bromide	106	4.881	4.881	0.000	96	377899	10.0	9.88	
13 Trichlorofluoromethane	101	4.994	4.994	0.000	98	1283542	10.0	9.98	
14 Pentane	43	5.149	5.149	0.000	93	712903	10.0	11.3	
15 Ethanol	45	5.609	5.614	-0.005	96	214724	15.0	14.0	
16 Ethyl ether	59	5.700	5.700	0.000	93	223888	10.0	10.9	
17 BFB									
18 Acrolein	56	6.069	6.074	-0.005	97	93498	10.0	10.1	
19 1,1,2-Trichloro-1,2,2-trif	101	6.128	6.123	0.005	93	741018	10.0	9.64	
20 1,1-Dichloroethene	96	6.149	6.149	0.000	92	307374	10.0	9.40	
21 Acetone	43	6.401	6.401	0.000	82	793554	10.0	11.4	
22 Carbon disulfide	76	6.529	6.524	0.005	98	1169818	10.0	11.6	
23 Isopropyl alcohol	45	6.743	6.738	0.005	98	477997	10.0	9.81	
24 3-Chloro-1-propene	41	6.962	6.962	0.000	82	521544	10.0	9.40	
25 Acetonitrile	41	7.091	7.091	0.000	97	304321	10.0	11.1	
26 Methylene Chloride	49	7.267	7.267	0.000	93	541591	10.0	9.78	
27 2-Methyl-2-propanol	59	7.546	7.546	0.000	98	607486	10.0	9.79	
28 Methyl tert-butyl ether	73	7.711	7.711	0.000	94	937279	10.0	9.98	
29 trans-1,2-Dichloroethene	61	7.727	7.722	0.005	96	647614	10.0	10.7	
30 Acrylonitrile	53	7.877	7.877	0.000	91	239046	10.0	10.4	
31 Hexane	57	8.145	8.145	0.000	87	509152	10.0	10.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 1,1-Dichloroethane	63	8.616	8.615	0.001	99	766787	10.0	9.92	
33 Vinyl acetate	43	8.723	8.722	0.000	99	1083547	10.0	9.96	
34 cis-1,2-Dichloroethene	96	9.750	9.744	0.006	89	383158	10.0	9.70	
35 2-Butanone (MEK)	72	9.814	9.814	0.000	98	144275	10.0	9.07	
36 Ethyl acetate	88	9.883	9.878	0.005	98	19079	10.0	10.2	
S 37 1,2-Dichloroethene, Total	61				0		20.0	20.4	
* 38 Chlorobromomethane	128	10.210	10.210	0.000	95	361847	10.0	10.0	
39 Tetrahydrofuran	42	10.231	10.231	0.000	91	472366	10.0	10.2	
40 Chloroform	83	10.354	10.354	0.000	96	1030951	10.0	10.4	
41 Cyclohexane	84	10.606	10.600	0.006	94	463144	10.0	10.1	
42 1,1,1-Trichloroethane	97	10.627	10.632	-0.005	97	1116364	10.0	10.0	
43 Carbon tetrachloride	117	10.884	10.878	0.006	96	1271824	10.0	10.1	
44 Benzene	78	11.349	11.344	0.005	98	1219286	10.0	9.92	
45 Isooctane	57	11.349	11.349	0.000	95	2046790	10.0	10.2	
46 1,2-Dichloroethane	62	11.526	11.526	0.000	98	912746	10.0	10.5	
47 n-Heptane	43	11.750	11.756	-0.006	95	913987	10.0	10.4	
* 48 1,4-Difluorobenzene	114	12.211	12.205	0.005	97	1945264	10.0	10.0	
49 n-Butanol	56	12.638	12.628	0.010	96	208689	10.0	10.8	
50 Trichloroethene	95	12.671	12.665	0.006	92	651741	10.0	9.47	
A 51 GRO	1	12.954	(4.556-21.352)		0	206311454	10.0	0	
52 1,2-Dichloropropane	63	13.211	13.211	0.000	78	548199	10.0	10.5	
53 Methyl methacrylate	69	13.425	13.420	0.005	88	408195	10.0	10.3	
54 1,4-Dioxane	88	13.457	13.457	0.000	47	191494	10.0	10.6	
55 Dibromomethane	174	13.462	13.468	-0.006	90	589135	10.0	9.90	
56 Dichlorobromomethane	83	13.778	13.778	0.000	97	1360037	10.0	10.7	
A 57 TVOC as Toluene	1	14.642	(2.748-26.536)		0	314137910	10.0	0	
58 cis-1,3-Dichloropropene	75	14.762	14.757	0.005	94	901116	10.0	11.1	
59 4-Methyl-2-pentanone (MIBK	43	15.083	15.083	0.000	98	1328206	10.0	10.6	
61 Toluene	92	15.383	15.383	0.000	93	977585	10.0	10.1	
A 60 Toluene Range	1	15.383	(15.343-15.423)		0	4328423	NC	NC	
A 63 C8 Range	1	15.490	(15.440-15.540)		0	5235906	NC	NC	
62 n-Octane	43	15.490	15.490	0.000	96	1479680	10.0	11.1	
64 trans-1,3-Dichloropropene	75	16.003	16.003	0.000	92	969243	10.0	10.9	
65 1,1,2-Trichloroethane	83	16.383	16.383	0.000	88	547888	10.0	10.1	
66 Tetrachloroethene	166	16.506	16.506	0.000	89	889042	10.0	9.37	
67 2-Hexanone	43	16.875	16.875	0.000	97	1327306	10.0	10.4	
68 Chlorodibromomethane	129	17.159	17.159	0.000	96	1227269	10.0	9.84	
69 Ethylene Dibromide	107	17.432	17.432	0.000	98	960309	10.0	10.0	
* 70 Chlorobenzene-d5	117	18.363	18.363	0.000	92	2099365	10.0	10.0	
71 Chlorobenzene	112	18.422	18.421	0.001	90	1265808	10.0	9.64	
72 Ethylbenzene	91	18.593	18.593	0.000	99	2163048	10.0	9.98	
73 n-Nonane	57	18.753	18.753	0.000	93	1144596	10.0	10.5	
74 m-Xylene & p-Xylene	106	18.849	18.849	0.000	0	1604517	20.0	19.1	
75 o-Xylene	106	19.695	19.689	0.006	92	807754	10.0	9.62	
76 Styrene	104	19.748	19.748	0.000	91	1127811	10.0	9.77	
S 77 Xylenes, Total	106				0		30.0	28.7	
78 Bromoform	173	20.166	20.165	0.001	93	1190193	10.0	9.70	
79 Isopropylbenzene	105	20.406	20.406	0.000	98	2282836	10.0	9.53	
* 80 4-Bromofluorobenzene	95	20.770	20.770	0.000	87	1624183	10.0	10.0	
81 1,1,2,2-Tetrachloroethane	83	21.054	21.054	0.000	96	1361247	10.0	10.1	
82 N-Propylbenzene	91	21.139	21.139	0.000	97	2887896	10.0	9.66	
83 1,2,3-Trichloropropane	75	21.150	21.144	0.006	95	1119474	10.0	9.50	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 4-Ethyltoluene	105	21.332	21.332	0.000	93	2338069	10.0	9.91	
84 2-Chlorotoluene	91	21.332	21.332	0.000	93	2127786	10.0	9.74	
86 n-Decane	57	21.342	21.342	0.000	97	1351166	10.0	9.86	
87 1,3,5-Trimethylbenzene	105	21.444	21.439	0.005	91	1904476	10.0	9.56	
88 Alpha Methyl Styrene	118	21.808	21.808	0.000	85	881246	10.0	9.46	
89 tert-Butylbenzene	119	21.931	21.931	0.000	87	1716261	10.0	9.21	
90 1,2,4-Trimethylbenzene	105	22.027	22.027	0.000	99	1862024	10.0	9.35	
91 sec-Butylbenzene	105	22.263	22.257	0.006	97	2619209	10.0	9.35	
92 4-Isopropyltoluene	119	22.466	22.466	0.000	96	2191225	10.0	9.36	
93 1,3-Dichlorobenzene	146	22.482	22.482	0.000	93	1289344	10.0	9.09	
94 1,4-Dichlorobenzene	146	22.616	22.616	0.000	90	1224614	10.0	8.98	
95 Benzyl chloride	91	22.808	22.808	0.000	96	1616061	10.0	9.22	
96 n-Butylbenzene	91	23.028	23.028	0.000	97	2083871	10.0	9.55	
97 Undecane	57	23.070	23.070	0.000	91	1211776	10.0	9.02	
98 1,2-Dichlorobenzene	146	23.140	23.140	0.000	92	1189650	10.0	8.99	
99 Dodecane	57	24.633	24.627	0.006	89	834916	10.0	8.86	
100 1,2,4-Trichlorobenzene	180	25.595	25.595	0.000	93	843590	10.0	8.49	
101 Hexachlorobutadiene	225	25.793	25.788	0.005	92	974647	10.0	9.69	
102 Naphthalene	128	26.066	26.061	0.005	98	1387992	10.0	7.15	
103 1,2,3-Trichlorobenzene	180	26.526	26.526	0.000	93	719536	10.0	8.57	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00449	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

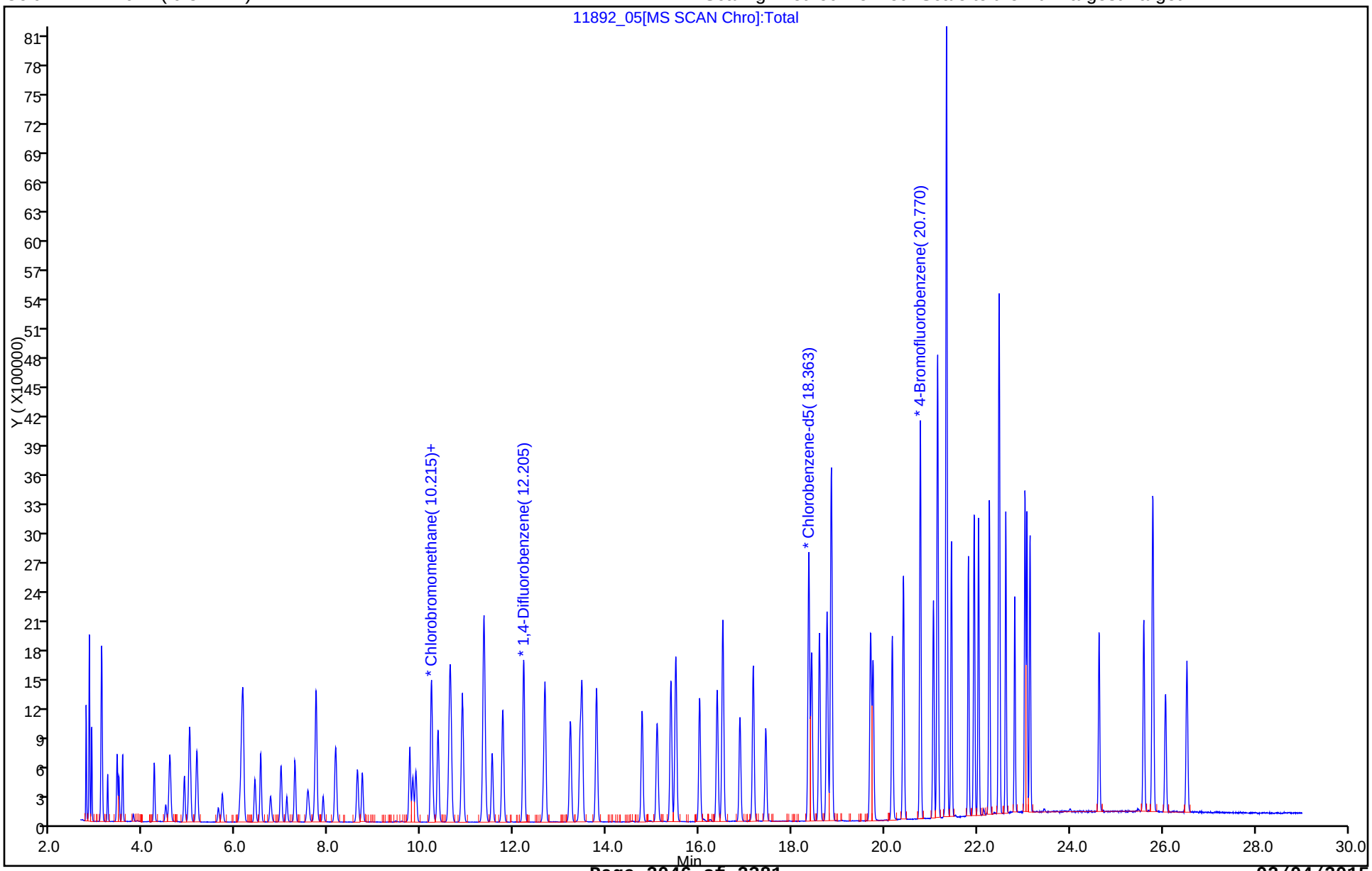
Report Date: 30-Jan-2015 16:49:35 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150130-11892.b\11892_05.D

Injection Date:	30-Jan-2015 12:12:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-84055/3

Matrix: Air Lab File ID: 11879_03a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 12:20

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	9.93		0.50	0.056
75-45-6	Freon 22	86.47	9.30		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	11.0		0.20	0.052
74-87-3	Chloromethane	50.49	9.18		0.50	0.060
106-97-8	n-Butane	58.12	9.05		0.50	0.18
75-01-4	Vinyl chloride	62.50	8.88		0.20	0.026
106-99-0	1,3-Butadiene	54.09	9.35		0.20	0.036
74-83-9	Bromomethane	94.94	9.68		0.20	0.044
75-00-3	Chloroethane	64.52	9.63		0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.25		0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	9.70		0.20	0.045
76-13-1	Freon TF	187.38	9.82		0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	9.71		0.20	0.010
67-64-1	Acetone	58.08	8.37		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	8.48		5.0	0.15
75-15-0	Carbon disulfide	76.14	10.5		0.50	0.030
107-05-1	3-Chloropropene	76.53	8.37		0.50	0.16
75-09-2	Methylene Chloride	84.93	8.77		0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	8.88		5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	9.44		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	9.87		0.20	0.027
110-54-3	n-Hexane	86.17	9.45		0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	9.55		0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	8.80		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	9.20		0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	19.1		0.20	0.053
67-66-3	Chloroform	119.38	9.46		0.20	0.038
109-99-9	Tetrahydrofuran	72.11	9.11		5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	9.80		0.20	0.030
110-82-7	Cyclohexane	84.16	9.55		0.20	0.010
56-23-5	Carbon tetrachloride	153.81	9.82		0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	9.32		0.20	0.023
71-43-2	Benzene	78.11	9.44		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	9.19		0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-84055/3

Matrix: Air Lab File ID: 11879_03a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 12:20

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	8.94		0.20	0.037
79-01-6	Trichloroethene	131.39	9.48		0.20	0.030
80-62-6	Methyl methacrylate	100.12	9.45		0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	9.35		0.20	0.035
123-91-1	1,4-Dioxane	88.11	9.69		5.0	0.16
75-27-4	Bromodichloromethane	163.83	9.67		0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	9.67		0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	8.66		0.50	0.18
108-88-3	Toluene	92.14	9.81		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	9.44		0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	10.1		0.20	0.037
127-18-4	Tetrachloroethene	165.83	10.5		0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	8.61		0.50	0.17
124-48-1	Dibromochloromethane	208.29	9.67		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	9.68		0.20	0.018
108-90-7	Chlorobenzene	112.56	9.99		0.20	0.018
100-41-4	Ethylbenzene	106.17	9.75		0.20	0.020
179601-23-1	m,p-Xylene	106.17	19.9		0.50	0.025
95-47-6	Xylene, o-	106.17	9.87		0.20	0.018
1330-20-7	Xylene (total)	106.17	29.8		0.20	0.041
100-42-5	Styrene	104.15	9.77		0.20	0.016
75-25-2	Bromoform	252.75	10.1		0.20	0.025
98-82-8	Cumene	120.19	9.92		0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10.0		0.20	0.034
103-65-1	n-Propylbenzene	120.19	9.85		0.20	0.027
622-96-8	4-Ethyltoluene	120.20	10.3		0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	10.1		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	9.93		0.20	0.031
98-06-6	tert-Butylbenzene	134.22	10.2		0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	10.1		0.20	0.016
135-98-8	sec-Butylbenzene	134.22	10.3		0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	10.2		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	10.4		0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	10.2		0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-84055/3

Matrix: Air Lab File ID: 11879_03a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/29/2015 12:20

Soil Aliquot Vol: 200 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84055 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	9.15		0.20	0.018
104-51-8	n-Butylbenzene	134.22	10.2		0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	10.3		0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	9.10		0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	10.1		0.20	0.036
91-20-3	Naphthalene	128.17	7.82		0.50	0.030

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_03a.D
Lims ID: lcs
Client ID:
Sample Type: LCS
Inject. Date: 29-Jan-2015 12:20:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011879-003
Misc. Info.: lcs
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Jan-2015 15:06:01 Calib Date: 20-Jan-2015 23:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150120-11709.b\11709_14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK010

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41	3.160	3.160	0.000	97	492155	10.0	8.96	
5 Dichlorodifluoromethane	85	3.219	3.218	0.001	99	1999010	10.0	9.93	
6 Chlorodifluoromethane	51	3.261	3.261	0.000	97	1056699	10.0	9.30	
7 1,2-Dichloro-1,1,2,2-tetra	85	3.448	3.448	0.000	95	1871406	10.0	11.0	
8 Chloromethane	50	3.581	3.581	0.000	98	471372	10.0	9.18	
9 Butane	43	3.763	3.763	0.000	96	846982	10.0	9.05	
10 Vinyl chloride	62	3.806	3.800	0.006	98	530745	10.0	8.88	
11 Butadiene	54	3.870	3.875	-0.005	91	397579	10.0	9.35	
12 Bromomethane	94	4.579	4.579	0.000	96	522096	10.0	9.68	
13 BFB									
14 Chloroethane	64	4.814	4.809	0.005	98	280829	10.0	9.63	
15 2-Methylbutane	43	4.889	4.883	0.006	90	646725	10.0	9.71	
16 Vinyl bromide	106	5.236	5.241	-0.005	97	566293	10.0	9.25	
17 Trichlorofluoromethane	101	5.332	5.326	0.006	97	1920169	10.0	9.70	
18 Pentane	43	5.465	5.465	0.000	93	974488	10.0	9.85	
19 Ethanol	45	5.812	5.812	0.000	100	282683	15.0	12.4	
21 Ethyl ether	59	5.956	5.951	0.005	92	385728	10.0	9.42	
22 Acrolein	56	6.346	6.356	-0.010	97	194932	10.0	11.0	
23 1,1,2-Trichloro-1,2,2-trif	101	6.373	6.372	0.001	95	1261520	10.0	9.82	
24 1,1-Dichloroethene	96	6.458	6.453	0.005	97	550606	10.0	9.71	
25 Acetone	43	6.623	6.629	-0.006	84	935940	10.0	8.37	
26 Isopropyl alcohol	45	6.826	6.826	0.000	98	702285	10.0	8.48	
27 Carbon disulfide	76	6.885	6.885	0.000	99	1523825	10.0	10.5	
29 3-Chloro-1-propene	41	7.168	7.173	-0.005	82	662427	10.0	8.37	
30 Acetonitrile	41	7.269	7.269	0.000	97	381602	10.0	9.56	
31 Methylene Chloride	49	7.440	7.429	0.011	96	639781	10.0	8.77	
32 2-Methyl-2-propanol	59	7.536	7.536	0.000	98	1092250	10.0	8.88	
33 Methyl tert-butyl ether	73	7.766	7.765	0.001	95	1751770	10.0	9.44	
34 trans-1,2-Dichloroethene	61	7.835	7.840	-0.005	94	852949	10.0	9.87	
35 Acrylonitrile	53	7.942	7.947	-0.005	99	382392	10.0	9.70	
36 Hexane	57	8.150	8.150	0.000	89	856216	10.0	9.45	
38 Vinyl acetate	43	8.598	8.593	0.005	99	1593462	10.0	8.63	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
37 1,1-Dichloroethane	63	8.598	8.598	0.000	70	1017654	10.0	9.55	
40 2-Butanone (MEK)	72	9.495	9.495	0.000	94	286847	10.0	8.80	
41 Ethyl acetate	88	9.505	9.500	0.005	93	55922	10.0	10.2	
39 cis-1,2-Dichloroethene	96	9.505	9.500	0.005	49	607743	10.0	9.20	
43 Tetrahydrofuran	42	9.874	9.868	0.006	79	655549	10.0	9.11	
* 44 Chlorobromomethane	128	9.874	9.874	0.000	84	642734	10.0	10.0	
45 Chloroform	83	9.943	9.943	0.000	98	1340086	10.0	9.46	
S 42 1,2-Dichloroethene, Total	61				0		20.0	19.1	
46 Cyclohexane	84	10.205	10.199	0.006	74	833579	10.0	9.55	
47 1,1,1-Trichloroethane	97	10.199	10.199	0.000	97	1581990	10.0	9.80	
48 Carbon tetrachloride	117	10.397	10.391	0.006	97	1825900	10.0	9.82	
49 Isooctane	57	10.669	10.663	0.006	96	2790652	10.0	9.32	
50 Benzene	78	10.733	10.733	0.000	97	1776041	10.0	9.44	
51 1,2-Dichloroethane	62	10.845	10.839	0.006	97	942865	10.0	9.19	
52 n-Heptane	43	10.914	10.920	-0.006	93	1099390	10.0	8.94	
A 53 GRO	1	10.970	(4.873-17.067)		0	271435363	10.0	0	
* 54 1,4-Difluorobenzene	114	11.277	11.272	0.005	94	3118047	10.0	10.0	
56 n-Butanol	56	11.448	11.448	0.000	94	341557	10.0	9.38	
57 Trichloroethene	95	11.635	11.640	-0.005	95	885386	10.0	9.48	
58 1,2-Dichloropropane	63	12.024	12.024	0.000	81	641281	10.0	9.35	
59 Methyl methacrylate	69	12.046	12.051	-0.005	89	691850	10.0	9.45	
60 1,4-Dioxane	88	12.142	12.147	-0.005	92	289892	10.0	9.69	
61 Dibromomethane	174	12.211	12.206	0.005	90	1000830	10.0	10.5	
62 Dichlorobromomethane	83	12.377	12.377	0.000	98	1603557	10.0	9.67	
A 63 TVOC as Toluene	1	12.627	(3.150-22.105)		0	501332910	10.0	3099.3	
64 cis-1,3-Dichloropropene	75	13.006	13.006	0.000	97	1113898	10.0	9.67	
65 4-Methyl-2-pentanone (MIBK	43	13.156	13.150	0.006	98	1564736	10.0	8.66	
A 66 C8 Range	1	13.377	(13.346-13.426)		0	7437939	NC	NC	
67 n-Octane	43	13.396	13.396	0.000	90	1595707	10.0	9.02	
68 Toluene	92	13.433	13.433	0.000	92	1419178	10.0	9.81	
A 69 Toluene Range	1	13.448	(13.423-13.473)		0	6125844	NC	NC	
70 trans-1,3-Dichloropropene	75	13.802	13.796	0.006	96	1180996	10.0	9.44	
71 1,1,2-Trichloroethane	83	14.079	14.074	0.005	92	688597	10.0	10.1	
72 Tetrachloroethene	166	14.191	14.191	0.000	96	1521224	10.0	10.5	
73 2-Hexanone	43	14.325	14.324	0.001	98	1510405	10.0	8.61	
74 Chlorodibromomethane	129	14.618	14.618	0.000	97	1802506	10.0	9.67	
75 Ethylene Dibromide	107	14.821	14.821	0.000	97	1382948	10.0	9.68	
* 76 Chlorobenzene-d5	117	15.371	15.371	0.000	87	2789749	10.0	10.0	
77 Chlorobenzene	112	15.408	15.408	0.000	94	2079004	10.0	9.99	
79 Ethylbenzene	91	15.472	15.472	0.000	99	3414183	10.0	9.75	
78 n-Nonane	57	15.472	15.477	-0.005	90	1416473	10.0	9.28	
80 m-Xylene & p-Xylene	106	15.616	15.616	0.000	0	2659923	20.0	19.9	
S 81 Xylenes, Total	106				0		30.0	29.8	
82 o-Xylene	106	16.129	16.128	0.000	94	1290043	10.0	9.87	
83 Styrene	104	16.150	16.150	0.000	94	2085738	10.0	9.77	
84 Bromoform	173	16.449	16.449	0.000	95	2103253	10.0	10.1	
85 Isopropylbenzene	105	16.534	16.529	0.005	96	4021286	10.0	9.92	
$ 86 4-Bromofluorobenzene	95	16.796	16.795	0.001	94	2175747	NC	NC	
87 1,1,2,2-Tetrachloroethane	83	16.945	16.945	0.000	95	1881345	10.0	10.0	
88 N-Propylbenzene	91	17.009	17.009	0.000	99	4771477	10.0	9.85	
89 1,2,3-Trichloropropane	75	17.030	17.030	0.000	95	1504177	10.0	9.56	
90 n-Decane	57	17.057	17.057	0.000	90	1849324	10.0	9.31	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
91 4-Ethyltoluene	105	17.132	17.132	0.000	99	4237059	10.0	10.3	
92 2-Chlorotoluene	91	17.175	17.180	-0.005	97	3332675	10.0	9.93	
93 1,3,5-Trimethylbenzene	105	17.196	17.196	0.000	92	3624796	10.0	10.1	
94 Alpha Methyl Styrene	118	17.473	17.479	-0.006	90	1764603	10.0	10.2	
95 tert-Butylbenzene	119	17.580	17.580	0.000	93	3493851	10.0	10.2	
96 1,2,4-Trimethylbenzene	105	17.650	17.649	0.001	98	3622668	10.0	10.1	
97 sec-Butylbenzene	105	17.836	17.842	-0.006	98	5068690	10.0	10.3	
98 4-Isopropyltoluene	119	17.991	17.991	0.000	97	4457140	10.0	10.2	
99 1,3-Dichlorobenzene	146	18.076	18.076	0.000	96	2552930	10.0	10.4	
100 1,4-Dichlorobenzene	146	18.189	18.188	0.001	95	2531896	10.0	10.2	
101 Benzyl chloride	91	18.349	18.349	0.000	98	2988868	10.0	9.15	
102 Undecane	57	18.455	18.455	0.000	90	2111765	10.0	9.29	
103 n-Butylbenzene	91	18.509	18.509	0.000	97	3997177	10.0	10.2	
104 1,2-Dichlorobenzene	146	18.685	18.690	-0.005	96	2415857	10.0	10.3	
106 Dodecane	57	19.939	19.944	-0.005	91	2028256	10.0	9.07	
107 1,2,4-Trichlorobenzene	180	21.103	21.102	0.000	94	1891802	10.0	9.10	
108 Hexachlorobutadiene	225	21.263	21.262	0.001	91	1835931	10.0	10.1	
109 Naphthalene	128	21.610	21.609	0.001	99	3475808	10.0	7.82	
110 1,2,3-Trichlorobenzene	180	22.101	22.095	0.006	95	1750093	10.0	9.12	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00451	Amount Added: 200.00	Units: mL	
ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

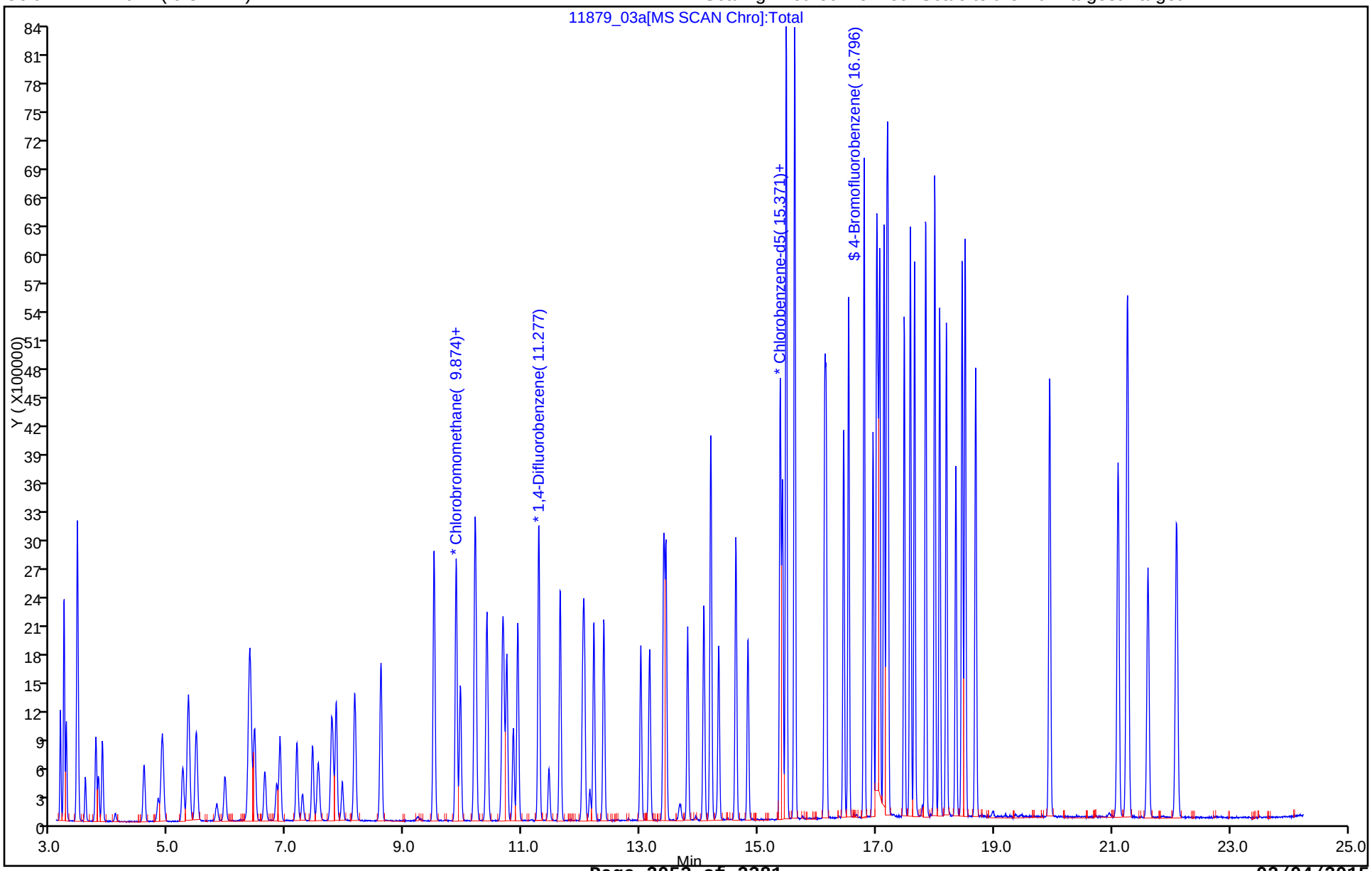
Report Date: 30-Jan-2015 15:06:04 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150130-11911.b\11879_03a.D

Injection Date:	29-Jan-2015 12:20:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	lcs			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-84069/3

Matrix: Air Lab File ID: 11918_03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 10:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	8.03		0.50	0.056
75-45-6	Freon 22	86.47	7.89		0.50	0.080
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	8.76		0.20	0.052
74-87-3	Chloromethane	50.49	7.30		0.50	0.060
106-97-8	n-Butane	58.12	7.96		0.50	0.18
75-01-4	Vinyl chloride	62.50	7.10		0.20	0.026
106-99-0	1,3-Butadiene	54.09	7.42		0.20	0.036
74-83-9	Bromomethane	94.94	7.60		0.20	0.044
75-00-3	Chloroethane	64.52	7.06		0.50	0.061
593-60-2	Bromoethene(Vinyl Bromide)	106.96	7.88		0.20	0.020
75-69-4	Trichlorofluoromethane	137.37	8.00		0.20	0.045
76-13-1	Freon TF	187.38	7.71		0.20	0.041
75-35-4	1,1-Dichloroethene	96.94	7.53		0.20	0.010
67-64-1	Acetone	58.08	9.45		5.0	0.69
67-63-0	Isopropyl alcohol	60.10	8.41		5.0	0.15
75-15-0	Carbon disulfide	76.14	9.10		0.50	0.030
107-05-1	3-Chloropropene	76.53	7.41		0.50	0.16
75-09-2	Methylene Chloride	84.93	8.19		0.50	0.12
75-65-0	tert-Butyl alcohol	74.12	8.73		5.0	0.12
1634-04-4	Methyl tert-butyl ether	88.15	8.14		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	8.29		0.20	0.027
110-54-3	n-Hexane	86.17	8.58		0.20	0.028
75-34-3	1,1-Dichloroethane	98.96	7.94		0.20	0.028
78-93-3	Methyl Ethyl Ketone	72.11	7.87		0.50	0.092
156-59-2	cis-1,2-Dichloroethene	96.94	7.74		0.20	0.030
540-59-0	1,2-Dichloroethene, Total	96.94	16.0		0.20	0.053
67-66-3	Chloroform	119.38	8.40		0.20	0.038
109-99-9	Tetrahydrofuran	72.11	8.51		5.0	0.18
71-55-6	1,1,1-Trichloroethane	133.41	8.30		0.20	0.030
110-82-7	Cyclohexane	84.16	8.02		0.20	0.010
56-23-5	Carbon tetrachloride	153.81	8.35		0.20	0.011
540-84-1	2,2,4-Trimethylpentane	114.23	8.17		0.20	0.023
71-43-2	Benzene	78.11	8.15		0.20	0.029
107-06-2	1,2-Dichloroethane	98.96	8.47		0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-84069/3

Matrix: Air Lab File ID: 11918_03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 10:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	8.34		0.20	0.037
79-01-6	Trichloroethene	131.39	7.72		0.20	0.030
80-62-6	Methyl methacrylate	100.12	8.40		0.50	0.096
78-87-5	1,2-Dichloropropane	112.99	8.20		0.20	0.035
123-91-1	1,4-Dioxane	88.11	9.38		5.0	0.16
75-27-4	Bromodichloromethane	163.83	8.69		0.20	0.029
10061-01-5	cis-1,3-Dichloropropene	110.97	8.92		0.20	0.029
108-10-1	methyl isobutyl ketone	100.16	8.95		0.50	0.18
108-88-3	Toluene	92.14	8.51		0.20	0.025
10061-02-6	trans-1,3-Dichloropropene	110.97	8.94		0.20	0.026
79-00-5	1,1,2-Trichloroethane	133.41	8.70		0.20	0.037
127-18-4	Tetrachloroethene	165.83	8.34		0.20	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.10		0.50	0.17
124-48-1	Dibromochloromethane	208.29	8.64		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	8.77		0.20	0.018
108-90-7	Chlorobenzene	112.56	8.42		0.20	0.018
100-41-4	Ethylbenzene	106.17	8.54		0.20	0.020
179601-23-1	m,p-Xylene	106.17	16.3		0.50	0.025
95-47-6	Xylene, o-	106.17	8.23		0.20	0.018
1330-20-7	Xylene (total)	106.17	24.5		0.20	0.041
100-42-5	Styrene	104.15	8.40		0.20	0.016
75-25-2	Bromoform	252.75	8.64		0.20	0.025
98-82-8	Cumene	120.19	8.23		0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	8.63		0.20	0.034
103-65-1	n-Propylbenzene	120.19	8.31		0.20	0.027
622-96-8	4-Ethyltoluene	120.20	8.58		0.20	0.020
108-67-8	1,3,5-Trimethylbenzene	120.20	8.23		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	8.50		0.20	0.031
98-06-6	tert-Butylbenzene	134.22	8.00		0.20	0.020
95-63-6	1,2,4-Trimethylbenzene	120.20	8.08		0.20	0.016
135-98-8	sec-Butylbenzene	134.22	8.12		0.20	0.021
99-87-6	4-Isopropyltoluene	134.22	8.21		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	8.09		0.20	0.020
106-46-7	1,4-Dichlorobenzene	147.00	8.33		0.20	0.019

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-84069/3

Matrix: Air Lab File ID: 11918_03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/02/2015 10:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84069 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	8.31		0.20	0.018
104-51-8	n-Butylbenzene	134.22	8.57		0.20	0.028
95-50-1	1,2-Dichlorobenzene	147.00	8.14		0.20	0.018
120-82-1	1,2,4-Trichlorobenzene	181.45	8.74		0.50	0.034
87-68-3	Hexachlorobutadiene	260.76	9.09		0.20	0.036
91-20-3	Naphthalene	128.17	7.09		0.50	0.030

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_03.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Feb-2015 10:29:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011918-003
Misc. Info.: lcs
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 03-Feb-2015 09:43:15 Calib Date: 20-Jan-2015 08:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20150119-11695.b\11695_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: lyonsb Date: 02-Feb-2015 11:14:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.763	2.758	0.005	96	285099	10.0	7.49	
2 Dichlorodifluoromethane	85	2.833	2.827	0.006	99	1071255	10.0	8.03	
3 Chlorodifluoromethane	51	2.881	2.881	0.000	97	614750	10.0	7.89	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.095	3.095	0.000	98	851833	10.0	8.76	
5 Chloromethane	50	3.228	3.223	0.005	99	283658	10.0	7.30	
6 Butane	43	3.432	3.426	0.006	95	456199	10.0	7.96	
7 Vinyl chloride	62	3.469	3.469	0.000	98	285096	10.0	7.10	
8 Butadiene	54	3.549	3.549	0.000	91	197870	10.0	7.42	
9 Bromomethane	94	4.234	4.229	0.005	97	281838	10.0	7.60	
10 Chloroethane	64	4.480	4.480	0.000	94	103771	10.0	7.06	
11 2-Methylbutane	43	4.571	4.566	0.005	90	315643	10.0	8.43	
12 Vinyl bromide	106	4.882	4.881	0.001	97	270979	10.0	7.88	
13 Trichlorofluoromethane	101	4.994	4.994	0.000	98	925361	10.0	8.00	
14 Pentane	43	5.149	5.149	0.000	93	486542	10.0	8.57	
15 Ethanol	45	5.614	5.614	0.000	95	160860	15.0	11.7	
16 Ethyl ether	59	5.700	5.705	-0.005	88	157011	10.0	8.53	
17 BFB									
18 Acrolein	56	6.075	6.074	0.000	96	61412	10.0	7.38	
19 1,1,2-Trichloro-1,2,2-trif	101	6.123	6.123	0.001	94	532613	10.0	7.71	
20 1,1-Dichloroethene	96	6.155	6.155	0.000	91	221540	10.0	7.53	
21 Acetone	43	6.406	6.401	0.005	82	593445	10.0	9.45	
22 Carbon disulfide	76	6.529	6.529	0.000	98	825299	10.0	9.10	
23 Isopropyl alcohol	45	6.743	6.743	0.000	97	368424	10.0	8.41	
24 3-Chloro-1-propene	41	6.968	6.968	0.000	81	369732	10.0	7.41	
25 Acetonitrile	41	7.091	7.091	0.000	99	215137	10.0	8.71	
26 Methylene Chloride	49	7.267	7.267	0.000	93	407921	10.0	8.19	
27 2-Methyl-2-propanol	59	7.551	7.546	0.005	97	487106	10.0	8.73	
28 Methyl tert-butyl ether	73	7.712	7.711	0.001	94	687534	10.0	8.14	
29 trans-1,2-Dichloroethene	61	7.728	7.727	0.001	96	452523	10.0	8.29	
30 Acrylonitrile	53	7.883	7.872	0.011	92	162565	10.0	7.87	
31 Hexane	57	8.150	8.150	0.000	86	359471	10.0	8.58	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 1,1-Dichloroethane	63	8.621	8.615	0.006	99	551892	10.0	7.94	
33 Vinyl acetate	43	8.728	8.722	0.006	99	746107	10.0	7.63	
34 cis-1,2-Dichloroethene	96	9.750	9.744	0.006	89	275061	10.0	7.74	
35 2-Butanone (MEK)	72	9.814	9.814	0.000	97	112579	10.0	7.87	
36 Ethyl acetate	88	9.883	9.867	0.016	98	14951	10.0	8.89	
S 37 1,2-Dichloroethene, Total	61				0		20.0	16.0	
* 38 Chlorobromomethane	128	10.210	10.210	0.000	95	325379	10.0	10.0	
39 Tetrahydrofuran	42	10.237	10.231	0.006	90	344209	10.0	8.51	
40 Chloroform	83	10.360	10.359	0.001	96	751868	10.0	8.40	
41 Cyclohexane	84	10.616	10.611	0.005	76	324305	10.0	8.02	
42 1,1,1-Trichloroethane	97	10.632	10.627	0.005	96	811721	10.0	8.30	
43 Carbon tetrachloride	117	10.884	10.884	0.000	96	924726	10.0	8.35	
44 Benzene	78	11.344	11.344	0.000	98	879823	10.0	8.15	
45 Isooctane	57	11.355	11.349	0.006	95	1433506	10.0	8.17	
46 1,2-Dichloroethane	62	11.526	11.526	0.000	98	645496	10.0	8.47	
47 n-Heptane	43	11.756	11.750	0.006	94	642078	10.0	8.34	
* 48 1,4-Difluorobenzene	114	12.211	12.205	0.006	96	1707060	10.0	10.0	
49 n-Butanol	56	12.639	12.633	0.006	96	165154	10.0	9.74	
50 Trichloroethene	95	12.665	12.665	0.000	92	465930	10.0	7.72	
A 51 GRO	1	12.954	(4.556-21.352)		0	149640565	10.0	0	
52 1,2-Dichloropropane	63	13.216	13.216	0.000	75	376618	10.0	8.20	
53 Methyl methacrylate	69	13.425	13.425	0.000	88	292289	10.0	8.40	
54 1,4-Dioxane	88	13.462	13.457	0.005	49	148991	10.0	9.38	
55 Dibromomethane	174	13.468	13.462	0.006	91	437713	10.0	8.39	
56 Dichlorobromomethane	83	13.783	13.778	0.005	97	970367	10.0	8.69	
A 57 TVOC as Toluene	1	14.642	(2.748-26.536)		0	230812306	10.0	0	
58 cis-1,3-Dichloropropene	75	14.762	14.768	-0.006	93	633851	10.0	8.92	
59 4-Methyl-2-pentanone (MIBK	43	15.089	15.089	0.000	97	984375	10.0	8.95	
A 60 Toluene Range	1	15.388	(15.348-15.428)		0	3063378	NC	NC	
61 Toluene	92	15.383	15.388	-0.005	93	685921	10.0	8.51	
62 n-Octane	43	15.490	15.490	0.000	95	1027887	10.0	8.75	
A 63 C8 Range	1	15.490	(15.440-15.540)		0	3701932	NC	NC	
64 trans-1,3-Dichloropropene	75	16.004	16.009	-0.005	91	696381	10.0	8.94	
65 1,1,2-Trichloroethane	83	16.383	16.383	0.000	88	392647	10.0	8.70	
66 Tetrachloroethene	166	16.506	16.506	0.000	89	660599	10.0	8.34	
67 2-Hexanone	43	16.876	16.875	0.001	97	969199	10.0	9.10	
68 Chlorodibromomethane	129	17.164	17.164	0.000	96	899606	10.0	8.64	
69 Ethylene Dibromide	107	17.437	17.432	0.005	97	701037	10.0	8.77	
* 70 Chlorobenzene-d5	117	18.363	18.363	0.000	92	1752629	10.0	10.0	
71 Chlorobenzene	112	18.427	18.421	0.006	89	922489	10.0	8.42	
72 Ethylbenzene	91	18.593	18.593	0.000	99	1546696	10.0	8.54	
73 n-Nonane	57	18.759	18.759	0.001	92	793411	10.0	8.71	
74 m-Xylene & p-Xylene	106	18.855	18.849	0.006	0	1140442	20.0	16.3	
75 o-Xylene	106	19.700	19.700	0.000	92	577026	10.0	8.23	
76 Styrene	104	19.748	19.748	0.000	92	809850	10.0	8.40	
S 77 Xylenes, Total	106				0		30.0	24.5	
78 Bromoform	173	20.166	20.165	0.001	93	885419	10.0	8.64	
79 Isopropylbenzene	105	20.406	20.406	0.000	98	1645562	10.0	8.23	
* 80 4-Bromofluorobenzene	95	20.770	20.770	0.000	88	1313243	10.0	10.0	
81 1,1,2,2-Tetrachloroethane	83	21.054	21.054	0.000	95	972414	10.0	8.63	
82 N-Propylbenzene	91	21.139	21.139	0.000	98	2074865	10.0	8.31	
83 1,2,3-Trichloropropane	75	21.150	21.150	0.000	95	812421	10.0	8.26	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
84 2-Chlorotoluene	91	21.332	21.332	0.000	91	1549142	10.0	8.50	
85 4-Ethyltoluene	105	21.332	21.332	0.000	92	1690326	10.0	8.58	
86 n-Decane	57	21.343	21.342	0.001	93	930307	10.0	8.13	
87 1,3,5-Trimethylbenzene	105	21.444	21.444	0.000	91	1368926	10.0	8.23	
88 Alpha Methyl Styrene	118	21.808	21.808	0.000	85	621977	10.0	8.00	
89 tert-Butylbenzene	119	21.931	21.936	-0.005	87	1245129	10.0	8.00	
90 1,2,4-Trimethylbenzene	105	22.027	22.027	0.000	99	1343322	10.0	8.08	
91 sec-Butylbenzene	105	22.263	22.263	0.000	97	1900195	10.0	8.12	
92 4-Isopropyltoluene	119	22.466	22.466	0.000	95	1603287	10.0	8.21	
93 1,3-Dichlorobenzene	146	22.482	22.482	0.000	91	958495	10.0	8.09	
94 1,4-Dichlorobenzene	146	22.616	22.616	0.000	91	948241	10.0	8.33	
95 Benzyl chloride	91	22.808	22.808	0.000	96	1215904	10.0	8.31	
96 n-Butylbenzene	91	23.033	23.033	0.000	97	1561278	10.0	8.57	
97 Undecane	57	23.071	23.076	-0.006	90	903155	10.0	8.06	
98 1,2-Dichlorobenzene	146	23.140	23.140	0.000	92	899517	10.0	8.14	
99 Dodecane	57	24.633	24.632	0.001	88	637868	10.0	8.11	
100 1,2,4-Trichlorobenzene	180	25.596	25.595	0.001	93	724922	10.0	8.74	
101 Hexachlorobutadiene	225	25.794	25.793	0.001	92	763079	10.0	9.09	
102 Naphthalene	128	26.066	26.066	0.000	99	1150430	10.0	7.09	
103 1,2,3-Trichlorobenzene	180	26.532	26.526	0.006	94	625878	10.0	8.93	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00446	Amount Added: 200.00	Units: mL	
ATTO15GIS_00010	Amount Added: 20.00	Units: mL	Run Reagent

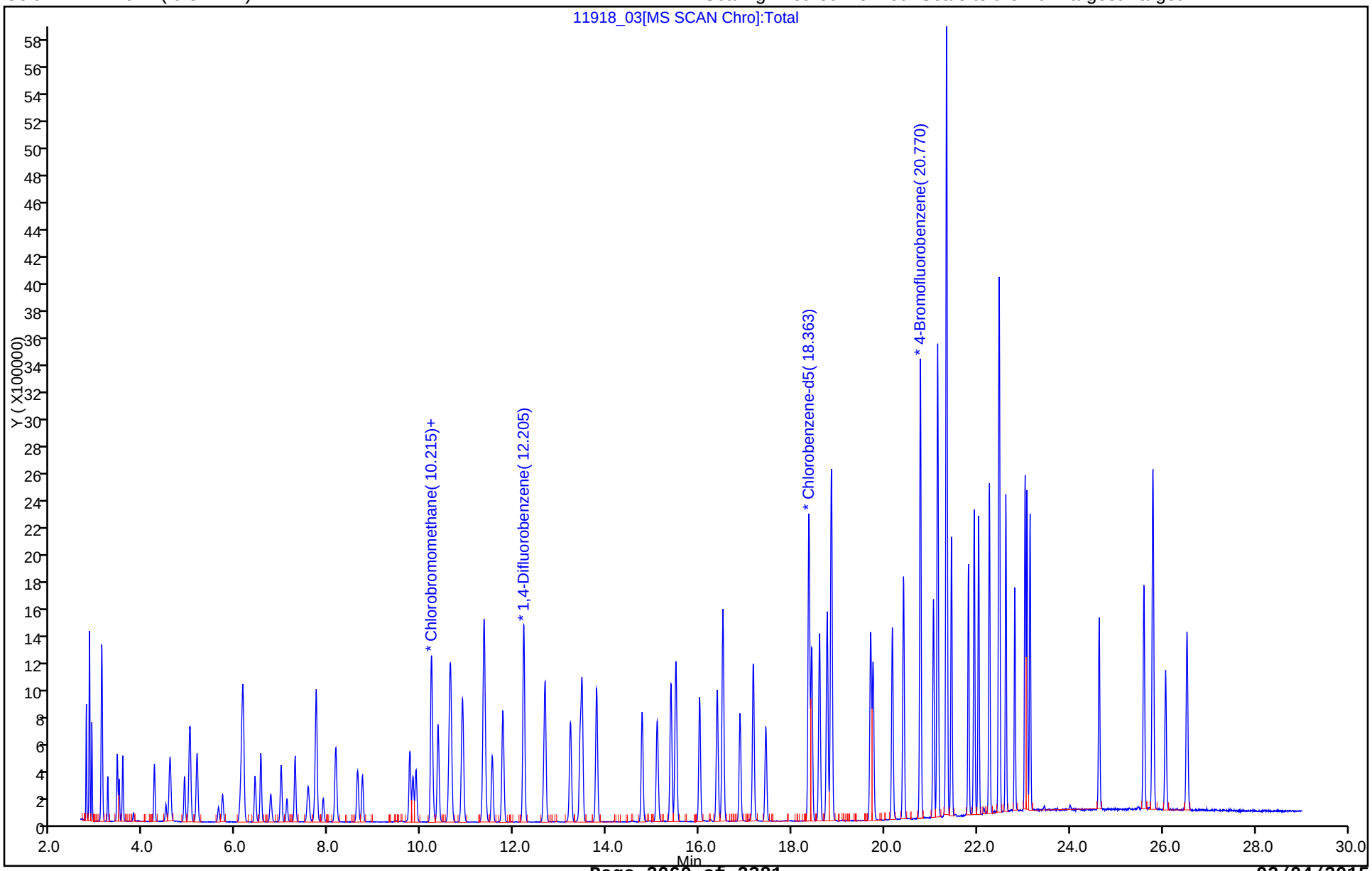
Report Date: 03-Feb-2015 09:43:17 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150202-11918.b\11918_03.D

Injection Date:	02-Feb-2015 10:29:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHB.i Start Date: 01/20/2015 12:01

Analysis Batch Number: 83585 End Date: 01/21/2015 03:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-83585/1		01/20/2015 12:01	1	11709_01.D	RTX-624 0.32(mm)
VIBLK 200-83585/2		01/20/2015 12:50	1		RTX-624 0.32(mm)
ZZZZZ		01/20/2015 13:43	1		RTX-624 0.32(mm)
ZZZZZ		01/20/2015 14:35	1		RTX-624 0.32(mm)
ZZZZZ		01/20/2015 15:27	1		RTX-624 0.32(mm)
VIBLK 200-83585/6		01/20/2015 16:32	1		RTX-624 0.32(mm)
IC 200-83585/7		01/20/2015 17:24	1	11709_07.D	RTX-624 0.32(mm)
IC 200-83585/8		01/20/2015 18:16	1	11709_08.D	RTX-624 0.32(mm)
IC 200-83585/9		01/20/2015 19:08	1	11709_09.D	RTX-624 0.32(mm)
IC 200-83585/10		01/20/2015 20:00	1	11709_10.D	RTX-624 0.32(mm)
ICIS 200-83585/11		01/20/2015 20:52	1	11709_11.D	RTX-624 0.32(mm)
IC 200-83585/12		01/20/2015 21:44	1	11709_12.D	RTX-624 0.32(mm)
IC 200-83585/13		01/20/2015 22:36	1	11709_13.D	RTX-624 0.32(mm)
IC 200-83585/14		01/20/2015 23:27	1	11709_14.D	RTX-624 0.32(mm)
VIBLK 200-83585/15		01/21/2015 00:19	1		RTX-624 0.32(mm)
VIBLK 200-83585/16		01/21/2015 01:12	1		RTX-624 0.32(mm)
ICV 200-83585/17		01/21/2015 02:04	1	11709_17.D	RTX-624 0.32(mm)
ZZZZZ		01/21/2015 02:56	1		RTX-624 0.32(mm)
VIBLK 200-83585/19		01/21/2015 03:48	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHB.i Start Date: 01/29/2015 10:39

Analysis Batch Number: 84055 End Date: 01/30/2015 09:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-84055/1		01/29/2015 10:39	1	11879_01a.D	RTX-624 0.32(mm)
CCVIS 200-84055/2		01/29/2015 11:28	1	11879_02a.D	RTX-624 0.32(mm)
LCS 200-84055/3		01/29/2015 12:20	1	11879_03a.D	RTX-624 0.32(mm)
MB 200-84055/4		01/29/2015 13:12	1	11879_04a.D	RTX-624 0.32(mm)
ZZZZZ		01/29/2015 14:05	1		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 14:57	1		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 15:49	1		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 16:41	1		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 17:33	1		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 18:25	1		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 19:17	1.11		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 20:09	1		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 21:01	1		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 21:53	1		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 22:45	1		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 23:38	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 00:30	1		RTX-624 0.32(mm)
280-64806-16	776VMP0201MA	01/30/2015 01:22	1	11879_18a.D	RTX-624 0.32(mm)
280-64806-17	776VMP0301MA	01/30/2015 02:14	1	11879_19a.D	RTX-624 0.32(mm)
280-64806-23	786VMP0102NA	01/30/2015 03:06	1	11879_20a.D	RTX-624 0.32(mm)
280-64806-27	785VMP0202NA	01/30/2015 03:57	1	11879_21a.D	RTX-624 0.32(mm)
280-64806-28	785VMP0501NA	01/30/2015 04:49	4.55	11879_22a.D	RTX-624 0.32(mm)
280-64806-29	785VMP0401NA	01/30/2015 05:41	1	11879_23a.D	RTX-624 0.32(mm)
280-64806-15	776VMP0101MA	01/30/2015 08:19	1	11879_24a.D	RTX-624 0.32(mm)
280-64806-14	776VMP0101MC	01/30/2015 09:11	1	11879_25a.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHG.i Start Date: 01/19/2015 15:10

Analysis Batch Number: 83549 End Date: 01/20/2015 10:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-83549/1		01/19/2015 15:10	1	11695_01.D	RTX-624 0.32(mm)
VIBLK 200-83549/2		01/19/2015 15:59	1		RTX-624 0.32(mm)
VIBLK 200-83549/3		01/19/2015 16:50	1		RTX-624 0.32(mm)
IC 200-83549/4		01/19/2015 17:42	1	11695_04.D	RTX-624 0.32(mm)
IC 200-83549/5		01/19/2015 18:32	1	11695_05.D	RTX-624 0.32(mm)
IC 200-83549/6		01/19/2015 19:23	1	11695_06.D	RTX-624 0.32(mm)
IC 200-83549/7		01/19/2015 20:14	1	11695_07.D	RTX-624 0.32(mm)
ICIS 200-83549/8		01/19/2015 21:05	1	11695_08.D	RTX-624 0.32(mm)
IC 200-83549/9		01/19/2015 21:57	1	11695_09.D	RTX-624 0.32(mm)
ZZZZZ		01/19/2015 22:48	1		RTX-624 0.32(mm)
IC 200-83549/11		01/19/2015 23:39	1	11695_11.D	RTX-624 0.32(mm)
VIBLK 200-83549/12		01/20/2015 00:31	1		RTX-624 0.32(mm)
VIBLK 200-83549/13		01/20/2015 01:22	1		RTX-624 0.32(mm)
ZZZZZ		01/20/2015 02:13	1		RTX-624 0.32(mm)
VIBLK 200-83549/15		01/20/2015 03:05	1		RTX-624 0.32(mm)
ZZZZZ		01/20/2015 03:56	1		RTX-624 0.32(mm)
IC 200-83549/17		01/20/2015 08:44	1	11695_17.D	RTX-624 0.32(mm)
VIBLK 200-83549/18		01/20/2015 09:46	1		RTX-624 0.32(mm)
ICV 200-83549/19		01/20/2015 10:37	1	11695_19.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHG.i Start Date: 01/30/2015 08:44

Analysis Batch Number: 84038 End Date: 01/31/2015 04:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-84038/1		01/30/2015 08:44	1	11892_01.D	RTX-624 0.32(mm)
CCVIS 200-84038/2		01/30/2015 09:39	1	11892_02.D	RTX-624 0.32(mm)
ZZZZZ		01/30/2015 10:30	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 11:21	1		RTX-624 0.32(mm)
LCS 200-84038/5		01/30/2015 12:12	1	11892_05.D	RTX-624 0.32(mm)
MB 200-84038/6		01/30/2015 13:03	1	11892_06.D	RTX-624 0.32(mm)
280-64806-11	774VMP0101MA	01/30/2015 13:54	1	11892_07.D	RTX-624 0.32(mm)
280-64806-12	774VMP0201MA	01/30/2015 14:45	1	11892_08.D	RTX-624 0.32(mm)
280-64806-13	774VMP0301MA	01/30/2015 15:36	4	11892_09.D	RTX-624 0.32(mm)
VIBLK 200-84038/10		01/30/2015 16:27	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 17:18	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 18:09	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 19:00	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 19:51	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 20:43	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 21:35	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 22:26	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 23:17	1		RTX-624 0.32(mm)
ZZZZZ		01/31/2015 00:08	1		RTX-624 0.32(mm)
ZZZZZ		01/31/2015 01:00	1		RTX-624 0.32(mm)
ZZZZZ		01/31/2015 01:52	0.2		RTX-624 0.32(mm)
ZZZZZ		01/31/2015 02:45	0.2		RTX-624 0.32(mm)
ZZZZZ		01/31/2015 03:37	0.2		RTX-624 0.32(mm)
ZZZZZ		01/31/2015 04:29	0.2		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHG.i Start Date: 02/02/2015 08:48

Analysis Batch Number: 84069 End Date: 02/03/2015 09:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-84069/1		02/02/2015 08:48	1	11918_01.D	RTX-624 0.32(mm)
CCVIS 200-84069/2		02/02/2015 09:38	1	11918_02.D	RTX-624 0.32(mm)
LCS 200-84069/3		02/02/2015 10:29	1	11918_03.D	RTX-624 0.32(mm)
MB 200-84069/4		02/02/2015 11:20	1	11918_04.D	RTX-624 0.32(mm)
ZZZZZ		02/02/2015 12:35	0.2		RTX-624 0.32(mm)
ZZZZZ		02/02/2015 13:27	0.2		RTX-624 0.32(mm)
ZZZZZ		02/02/2015 14:18	5		RTX-624 0.32(mm)
ZZZZZ		02/02/2015 15:09	20.1		RTX-624 0.32(mm)
ZZZZZ		02/02/2015 16:00	19.9		RTX-624 0.32(mm)
ZZZZZ		02/02/2015 16:51	71.8		RTX-624 0.32(mm)
280-64806-21	786VMP0202NA	02/02/2015 17:43	1	11918_11.D	RTX-624 0.32(mm)
280-64806-22	786VMP0302NA	02/02/2015 18:34	1	11918_12.D	RTX-624 0.32(mm)
280-64806-25	786IA13	02/02/2015 19:25	1	11918_13.D	RTX-624 0.32(mm)
280-64806-30	786VMP0202NC	02/02/2015 20:16	1	11918_14.D	RTX-624 0.32(mm)
ZZZZZ		02/02/2015 21:06	1		RTX-624 0.32(mm)
ZZZZZ		02/02/2015 21:58	1		RTX-624 0.32(mm)
ZZZZZ		02/02/2015 22:49	1		RTX-624 0.32(mm)
ZZZZZ		02/02/2015 23:40	1		RTX-624 0.32(mm)
ZZZZZ		02/03/2015 00:31	1		RTX-624 0.32(mm)
ZZZZZ		02/03/2015 01:22	13.5		RTX-624 0.32(mm)
ZZZZZ		02/03/2015 02:13	13.5		RTX-624 0.32(mm)
ZZZZZ		02/03/2015 03:05	6.9		RTX-624 0.32(mm)
ZZZZZ		02/03/2015 03:57	0.2		RTX-624 0.32(mm)
ZZZZZ		02/03/2015 09:04	13.5		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHW.i Start Date: 01/23/2015 12:03

Analysis Batch Number: 83750 End Date: 01/24/2015 00:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-83750/3		01/23/2015 12:03	1	11767_003.d	RTX-624 0.32(mm)
VIBLK 200-83750/4		01/23/2015 12:58	1		RTX-624 0.32(mm)
IC 200-83750/5		01/23/2015 13:46	1	11767_005.d	RTX-624 0.32(mm)
IC 200-83750/6		01/23/2015 14:36	1	11767_006.d	RTX-624 0.32(mm)
IC 200-83750/7		01/23/2015 15:25	1	11767_007.d	RTX-624 0.32(mm)
IC 200-83750/8		01/23/2015 16:16	1	11767_008.d	RTX-624 0.32(mm)
ICIS 200-83750/9		01/23/2015 17:06	1	11767_009.d	RTX-624 0.32(mm)
IC 200-83750/10		01/23/2015 17:55	1	11767_010.d	RTX-624 0.32(mm)
IC 200-83750/11		01/23/2015 18:45	1	11767_011.d	RTX-624 0.32(mm)
IC 200-83750/12		01/23/2015 19:33	1	11767_012.d	RTX-624 0.32(mm)
VIBLK 200-83750/13		01/23/2015 20:22	1		RTX-624 0.32(mm)
VIBLK 200-83750/14		01/23/2015 21:12	1		RTX-624 0.32(mm)
ICV 200-83750/15		01/23/2015 22:02	1	11767_015.d	RTX-624 0.32(mm)
VIBLK 200-83750/16		01/23/2015 22:51	1		RTX-624 0.32(mm)
ZZZZZ		01/23/2015 23:40	1		RTX-624 0.32(mm)
ZZZZZ		01/24/2015 00:30	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHW.i Start Date: 01/29/2015 10:35

Analysis Batch Number: 83982 End Date: 01/30/2015 10:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-83982/1		01/29/2015 10:35	1	11878_001.d	RTX-624 0.32(mm)
CCVIS 200-83982/2		01/29/2015 11:29	1	11878_002.d	RTX-624 0.32(mm)
LCS 200-83982/3		01/29/2015 12:18	1	11878_003.d	RTX-624 0.32(mm)
MB 200-83982/4		01/29/2015 13:08	1	11878_004.d	RTX-624 0.32(mm)
280-64806-1	774776CA01LA	01/29/2015 13:59	1	11878_005.d	RTX-624 0.32(mm)
280-64806-2	785786CA01LA	01/29/2015 14:49	1	11878_006.d	RTX-624 0.32(mm)
280-64806-3	101VMP0101FA	01/29/2015 15:38	1.6	11878_007.d	RTX-624 0.32(mm)
280-64806-4	101VMP0201FA	01/30/2015 07:47	2	11878_008.d	RTX-624 0.32(mm)
280-64806-5	101VMP0301FA	01/30/2015 08:35	49.7	11878_009.d	RTX-624 0.32(mm)
280-64806-6	101VMP0201FC	01/30/2015 09:23	3.03	11878_010.d	RTX-624 0.32(mm)
280-64806-10	101CA01FA	01/30/2015 10:13	1	11878_011.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHX.i Start Date: 11/10/2014 14:08

Analysis Batch Number: 80238 End Date: 11/11/2014 01:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-80238/1		11/10/2014 14:08	1	10468-001.D	RTX-624 0.32(mm)
VIBLK 200-80238/2		11/10/2014 14:57	1		RTX-624 0.32(mm)
VIBLK 200-80238/3		11/10/2014 15:44	1		RTX-624 0.32(mm)
IC 200-80238/4		11/10/2014 16:30	1	10468-004.D	RTX-624 0.32(mm)
IC 200-80238/5		11/10/2014 17:16	1	10468-005.D	RTX-624 0.32(mm)
IC 200-80238/6		11/10/2014 18:02	1	10468-006.D	RTX-624 0.32(mm)
IC 200-80238/7		11/10/2014 18:48	1	10468-007.D	RTX-624 0.32(mm)
ICIS 200-80238/8		11/10/2014 19:34	1	10468-008.D	RTX-624 0.32(mm)
IC 200-80238/9		11/10/2014 20:21	1	10468-009.D	RTX-624 0.32(mm)
IC 200-80238/10		11/10/2014 21:07	1	10468-010.D	RTX-624 0.32(mm)
IC 200-80238/11		11/10/2014 21:54	1	10468-011.D	RTX-624 0.32(mm)
VIBLK 200-80238/12		11/10/2014 22:41	1		RTX-624 0.32(mm)
VIBLK 200-80238/13		11/10/2014 23:29	1		RTX-624 0.32(mm)
ICV 200-80238/14		11/11/2014 00:16	1	10468-014.D	RTX-624 0.32(mm)
ZZZZZ		11/11/2014 01:03	1		RTX-624 0.32(mm)
ZZZZZ		11/11/2014 01:49	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHX.i Start Date: 01/28/2015 09:45

Analysis Batch Number: 83910 End Date: 01/29/2015 09:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-83910/1		01/28/2015 09:45	1	11847-001.D	RTX-624 0.32(mm)
CCVIS 200-83910/2		01/28/2015 10:33	1	11847-002.D	RTX-624 0.32(mm)
LCS 200-83910/3		01/28/2015 11:20	1	11847-003.D	RTX-624 0.32(mm)
MB 200-83910/4		01/28/2015 12:06	1	11847-004.D	RTX-624 0.32(mm)
ZZZZZ		01/28/2015 12:52	1		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 13:38	1390		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 14:24	1		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 15:11	6.06		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 15:58	3.51		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 16:45	1		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 17:30	1		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 18:16	1		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 19:02	1.5		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 19:48	1		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 20:34	1		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 21:20	141		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 22:07	1		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 22:53	1		RTX-624 0.32(mm)
ZZZZZ		01/28/2015 23:39	2.99		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 00:25	2		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 01:11	1		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 01:57	1		RTX-624 0.32(mm)
280-64806-9	101OA0305FA	01/29/2015 02:43	1	11847-023.D	RTX-624 0.32(mm)
280-64806-18	774IA1MA	01/29/2015 03:29	1	11847-024.D	RTX-624 0.32(mm)
280-64806-19	774776OA1MA	01/29/2015 04:16	1	11847-025.D	RTX-624 0.32(mm)
280-64806-20	776IA1MA	01/29/2015 05:02	1	11847-026.D	RTX-624 0.32(mm)
ZZZZZ		01/29/2015 08:15	2.5		RTX-624 0.32(mm)
280-64806-7	101IA0305FA	01/29/2015 08:58	14.9	11847-028.D	RTX-624 0.32(mm)
280-64806-8	101IA0405FA	01/29/2015 09:42	2.5	11847-029.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-64806-1

SDG No.:

Instrument ID: CHX.i Start Date: 01/29/2015 11:03

Analysis Batch Number: 83984 End Date: 01/30/2015 09:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-83984/1		01/29/2015 11:03	1	11880-001.D	RTX-624 0.32(mm)
CCVIS 200-83984/2		01/29/2015 11:49	1	11880-002.D	RTX-624 0.32(mm)
LCS 200-83984/3		01/29/2015 12:35	1	11880-003.D	RTX-624 0.32(mm)
MB 200-83984/4		01/29/2015 13:21	1	11880-004.D	RTX-624 0.32(mm)
280-64806-24	785IA14	01/29/2015 14:07	1	11880-005.D	RTX-624 0.32(mm)
280-64806-26	785786OA10	01/29/2015 14:53	1	11880-006.D	RTX-624 0.32(mm)
280-64806-31	012615TB	01/29/2015 15:39	1	11880-007.D	RTX-624 0.32(mm)
ZZZZZ		01/29/2015 16:37	0.2		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 17:34	0.2		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 18:30	0.2		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 19:27	0.2		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 20:24	0.2		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 21:21	0.2		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 22:18	0.2		RTX-624 0.32(mm)
ZZZZZ		01/29/2015 23:15	0.2		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 00:12	0.2		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 01:09	0.2		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 02:06	0.2		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 03:03	0.2		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 03:59	0.2		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 04:56	0.2		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 05:42	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 06:29	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 07:15	89.7		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 08:02	72		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 08:48	1		RTX-624 0.32(mm)
ZZZZZ		01/30/2015 09:34	2		RTX-624 0.32(mm)

Post-Sampling Air Canister Pressure Check Record

Client ID	TALS Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
FPM - Tri Rinse	280-64806	1/28/15	1400	29.5	22	GB	JLW

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	X		
(2) Is the flow controller ID used for each canister recorded?	X		
(3) MA MCP: Check return flow rate for flow controllers		NA	NA
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		X	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
1	3525	0.0	N	—	NA	5640 11602	Grab
2	5027	0.0		—	NA	5027 11372	Grab
3	3621	-4.1		4679	Y	4294 11617	62-99 200mL
4	3758	-7.7		4688		4294 11617	63-10 200mL
5	4153	-4.8		4699		5640 11602	62-85 200mL
6	3365	~~-4.735~~		4976		4294 11617	62-98 200mL
7	5081	-7.3		3443		4467 11618	63-18 24hr
8	5407	-5.0		4043		4467 11618	63-18 24hr
9	4278	-2.5		4202		4467 11618	63-18 24hr
10	5979	0.0		—	NA	3404 11618	Grab
11	4442	-4.5		4542	Y	4442 11529	63-10 200mL
12	3007	-2.3		4631		4294 11617	62-74 200mL
13	3421	-3.7		4978		5640 11602	62-73 200mL
14	4338	-2.0		4627		4294 11617	62-98 200mL
15	2596	-1.6		4615		3404 11618	~~62~~-98 200mL
16	3033	-1.2		4714		3404 11618	62-64 200mL
17	5155	-3.0		4691		3404 11618	62-79 200mL
18	4296	-5.2		5177		4467 11618	63-7 8hr
19	4066	-4.8		3125		4467 11618	63-6 8hr
20	5465	-4.9		3740		4467 11618	63-7 8hr
23	2743	6.0	N	4599		3404 11618	62-72 200mL
24	2781	0.0	Y	4053		3404 11618	63-7 8hr
26	4386	-2.1	N	4724		4467 11618	63-20 8hr
27	5017	0.0		4974		3404 11618	62-64 200mL
28	3338	0.0		4588		3404 11618	200mL
29	2515	0.0		5321		4467 11618	62-79 200mL
31	2634	-30.1	N	—	NA	4294 11617	Trip Blank

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # See Comments

Post-Sampling Air Canister Pressure Check Record

Client ID	TALS Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
FPM	280-64806	1/30/15	1650	29.3	22	68	JEA

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) MA MCP: Check return flow rate for flow controllers	N/A	N/A	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
21	4914	0.0	N	4582	Y	4799 11617	200 mL/min 62-64
22	3544	-2.2	~~Y~~ N JA	4589	↓	"	↓
25	5692	-12.5	~~N~~ Y JA	5186	↓	4467 11618	~~N~~ JA 63-6
30	4142	0.0	~~Y~~ N JA	4636	↓	4799 11617	~~N~~ JA 200 mL/min 62-98

JEA 1/30/15

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # See comments

BRFAI033:05.08.12:7
TestAmerica Burlington

200-26088-A-1
4345

Bottle: Summa Canister 6L
Sampled: 12/23/2014 12:00 AM 200-761629

Log: 200
26088
#1
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ☐ Batch ☑ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size		
Oven 1/2	~~195~~	12/23/14	BDL	(6L)	1L	3L

Leak Test 12/27/14

Port	Can ID	Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	4345	-29.6	-29.2	-29.4	+0.2
2	~~3759~~				
3	3372	-29.5	-29.1	-29.3	+0.2
4	~~4434~~				
5	~~3326~~				
6	4362	-29.2	-29.7	-29.0	-0.7
7	5027	-29.7	-29.3	-29.5	+0.2
8	~~5622~~				
9	5453	-29.7	-29.6	-29.5	-0.1
10	2681	-29.2	-29.6	-29.0	-0.6
11	5441	-29.5	-29.5	-29.3	-0.2
12	3523	-29.6	-29.6	-29.4	+0.2

Initial Reading	Final Reading
Gauge ID: 697 614	Gauge ID: 614
Date: ~~12/27/14~~ 12/31/14	Date: 1/2/15
Time: 1407	Time: 930
Tech: ~~MC~~ MC	Tech: MC
BP: ~~29.5~~ 29.6 ("Hg)	BP: 29.4 ("Hg)
Temp: ~~23~~ 22 (°C)	Temp: 22 (°C)

[3] Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐ TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
4345	12/31/14	11372	BL		✓				1/2/15	AM
[redacted]										
3372	12/31/14	11372	BL		✓				1/2/15	AM
[redacted]										
[redacted]										
4362	12/31/14	11372	BL		✓				1/2/15	AM
5027	↓	↓	↓		✓				↓	↓
[redacted]										
5453	12/31/14	11372	BL		✓				1/2/15	AM
2681	↓	↓	↓		✓				↓	↓
5441	↓	↓	↓		✓				↓	↓
3523	↓	↓	↓		✓				↓	↓

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv
Inventory Level 3: Individual or Batch Certification. Certifi
Inventory Level 4: Individual or Batch Certification. Certifi
Inventory Level Limited Use: Canisters may only be used

#2 - Reclean
#4 - Reclean
#5 - Reclean
#8 - Reclean (sulfur dioxide ↑)

d in laboratory SOP NJDEP-LLTO15.

Comments: Routine - ↓

BR-FAI023:10.19.09:7
TestAmerica

200-26192-A-4
4299

Loc: 200
26192
#4
A

Pre-Shipment Clean Canister Certification Report

Bottle: Summa Canister 6L
Sampled: 1/6/2015 12:00 AM 200-764466

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test													
System ID				# Cycles		Cleaning Date		Technician		Canister Size			
Oven 3/4				15		1/9/15		BDL		(6L)	1L	3L	
		Leak Test											
Port	Can ID	Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]	Initial Reading		Final Reading					
1	3007	↑	-29.5	-29.1	-0.4	Gauge ID:	G14	Gauge ID:	G14	G14			
2	3544	↑	-29.3	↑	-0.2	Date:	1/9/15	Date:	1/16/15	1/17/15	1/7/15		
3	2634	↑	-29.2	↑	-0.1	Time:	2000	Time:	1215	1000			
4	4299	-29.3	-29.9	-29.8	-0.1	Tech:	BDL	Tech:	MS	MS			
5	3758	↑	-29.5	↑	-0.4	BP:	29.4 ("Hg)	BP:	29.2	29.7 ("Hg)			
6	4338	↑	-29.4	↑	-0.3	Temp	23 (°C)	Temp:	21	21 (°C)			
7	2708	↑	-29.4	-29.8	+0.4	[3]Acceptance Criteria:							
8	3621	↑	-29.4	↑	-0.3	(1) The difference must be less than or equal to + 0.5							
9	3640	↑	-29.9	-29.8	-0.1	(2) Pressure readings must be at least 24 hours apart.							
10	3365	↑	-29.1	↑	-0.5	If time frame was not met, the PM must authorize shipment of canister:							
11	4914	↑	-29.3	↑	-0.2	*PM Authorization:*							
12	4142	↓	-29.3	↓	-0.2	Signature		Date					

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory											
Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15				Inventory Level					Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer	
4299	1/15/15	11617	BL		✓				1/15/15	AM	

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: Routine
filled with N gas

BR-FAI023:10.19.09:7
TestAmerica

200-26204-A-1
4442

Bottle: Summa Canister 6L
Sampled: 1/7/2015 12:00 AM 200-764803

Loc: 200
26204
#1
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test					
System ID	# Cycles	Cleaning Date	Technician	Canister Size	
Oven 3/4	15	1/7/15	BDL	(6L)	1L 3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]	Initial Reading	Final Reading
						Gauge ID: GH	Gauge ID: GH / GH
1	4442	29.7	-29.2	-29.6 -29.2	0	Date: 1/8/14	Date: 1/14/15 / 1/16/15
2	4368		-29.7	-29.8	+0.1	Time: 1315	Time: 1600 / 930
3	3632		-29.6		+0.2	Tech: CE	Tech: ME / ME
4	2989		-29.9		-0.1	BP: 29.6 ("Hg)	BP: 29.7 / 29.1 ("Hg)
5	5967		-29.7		+0.1	Temp 21 (°C)	Temp: 21 / 21 (°C)
6	3526		-29.8		0	[3]Acceptance Criteria:	
7	2556		-29.9		+0.1	(1) The difference must be less than or equal to + 0.5	
8	3835		-29.9		-0.1	(2) Pressure readings must be at least 24 hours apart.	
9	3313		-29.9		-0.1	If time frame was not met, the PM must authorize shipment of canister:	
10	5623		-29.9		-0.1	*PM Authorization:*	
11	4548	✓	-29.8		0		
12	2749		-29.9	✓	-0.1	Signature	Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory										
Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15				Inventory Level					Secondary Review	
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer
4442	01/09/15	11529	PAD		✓				1/9/15	AM

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: Routine

BR-FAI023:10.19.09:7
TestAmerica

200-26209-A-10
5640

Bottle: Summa Canister 6L
Sampled: 1/7/2015 12:00 AM 200-764863

Loc: 200
26209
#10
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test							
System ID		# Cycles	Cleaning Date	Technician	Canister Size		
Top		10	1/9/15	BDL	(6L)	1L	3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]	Initial Reading	Final Reading	Final Reading
1	5701	↑	-29.7	-29.4/29.7	0	Gauge ID: 614	Gauge ID: 614	614
2	5980		-29.6		-0.2	Date: 1/9/15	Date: 1/15/15	1/17/15
3	3525		-29.6		-0.2	Time: 2110	Time: 1610	0947
4	4153		-29.3		+0.1	Tech: BDL	Tech: MS	MS
5	4789		-29.6		-0.2	BP: 29.4 ("Hg)	BP: 29.4	29.7 ("Hg)
6	5079		-30.0	-29.7	-0.3	Temp 22 (℃)	Temp: 22	21 (℃)
7	5162		-29.7	-29.7	0	[3]Acceptance Criteria:		
8	3609		-29.9	-29.7	-0.2	(1) The difference must be less than or equal to + 0.5		
9	4833		-29.6		-0.2	(2) Pressure readings must be at least 24 hours apart.		
10	5640	-29.4	-30.0	-29.7	-0.3	If time frame was not met, the PM must authorize shipment of canister:		
11	5678	↓	-29.7		-0.3	*PM Authorization:*		
12	3421	↓	-29.5	✓	-0.1	Signature	Date	

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
5640	1/14/15	11602	TC		✓				1/14/15	ANI

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: Routine

BR-FAI023:10.19.09:7
TestAmerica

200-26247-A-10
4467

Bottle: Summa Canister 6L
Sampled: 1/8/2015 12:00 AM 200-755929

Loc: 200
26247
#10
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test					
System ID	# Cycles	Cleaning Date	Technician	Canister Size	
Oven 3/4	15	1/9/15	BDL	(6L)	1L 3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]	Initial Reading	Final Reading
1	4380		-29.2	-28.9	-0.3	Gauge ID: 614	Gauge ID: 614 / 614
2	4278		-28.9		0	Date: 1/10/15	Date: 1/16/15 / 1/17/15
3	5465		-29.4		-0.5	Time: 1700	Time: 1130 / 1020
4	4066		-29.5		-0.6	Tech: MS	Tech: MS / MS
5	4296		-29.2		-0.3	BP: 29.6 ("Hg)	BP: 29.2 / 29.7 ("Hg)
6	3095		-29.7	-29.4	-0.3	Temp 21 (°C)	Temp: 21 / 21 (°C)
7	5407		-29.2		-0.3	[3]Acceptance Criteria:	
8	5687		Leak	-29.4		(1) The difference must be less than or equal to + 0.5	
9	5081		-29.2		-0.3	(2) Pressure readings must be at least 24 hours apart.	
10	4467	-29.3	-29.9	-29.4	-0.3	If time frame was not met, the PM must authorize shipment of canister:	
11	2515	↓	-29.2		-0.3	*PM Authorization:*	
12	5692	↓	-29.3	↓	-0.4	Signature	Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory										
Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15				Inventory Level					Secondary Review	
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer
4467	1/14/15	1168	WRD		✓				1/15/15	AN

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: Routine
filled with N gas

BR-FAI023:10.19.09:7
TestAmerica

200-26260-A-6
3404
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 1/10/2015 12:00 AM 200-756179

Loc: 200
26260
#6
A

Pre-Shipment Clean Canister Certification Repo

Certification Type: ☒ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size
Oven 1/2	100	1/10/15	MS	(6L) 1L 3L

Leak Test

Port	Can ID	Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	2596		-29.3	-29.3	0
2	4458		-29.7	-29.8	+0.1
3	2781		-29.6		-0.3
4	6016		-30.0	-29.8	-0.2
5	3338		-29.4		-0.1
6	3404	-29.7	-29.9	-29.8	-0.1
7	5017		-29.7		-0.4
8	5979		-29.6		-0.3
9	7743		-29.4		-0.1
10	3033		-29.4		-0.1
11	2543		-29.7	-29.8	+0.1
12	5155		-29.3		0

	Initial Reading	Final Reading	Final Reading
Gauge ID:	614	614	614
Date:	1/12/15	1/16/15	1/17/15
Time:	1200	1330	1000
Tech:	MS	MS	MS
BP:	29.6 ("Hg)	29.2 ("Hg)	29.7 ("Hg)
Temp	21 (°C)	21 (°C)	21 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
3404	1/14/15	11618	WRD		✓				1/15/15	AM

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: RD Hi
filled with N gas

BR-FAI023:10.19.09:7
TestAmerica

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11372_005.d

Lab ID: LCS 200-82774/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	8.85	89	70-130	
Dichlorodifluoromethane	10.0	10.3	103	70-130	
Freon 22	10.0	9.83	98	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.7	117	70-130	
Chloromethane	10.0	9.21	92	70-130	
n-Butane	10.0	9.08	91	70-130	
Vinyl chloride	10.0	10.1	101	70-130	
1,3-Butadiene	10.0	9.48	95	70-130	
Bromomethane	10.0	11.1	111	70-130	
Chloroethane	10.0	9.68	97	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.3	103	70-130	
Trichlorofluoromethane	10.0	10.2	102	70-130	
Ethanol	15.0	15.4	103	70-130	
Freon TF	10.0	10.5	105	70-130	
1,1-Dichloroethene	10.0	9.90	99	70-130	
Acetone	10.0	9.17	92	70-130	
Isopropyl alcohol	10.0	7.87	79	70-130	
Carbon disulfide	10.0	10.9	109	70-130	
3-Chloropropene	10.0	8.93	89	70-130	
Methylene Chloride	10.0	9.12	91	70-130	
tert-Butyl alcohol	10.0	8.22	82	70-130	
Methyl tert-butyl ether	10.0	9.50	95	70-130	
trans-1,2-Dichloroethene	10.0	10.3	103	70-130	
n-Hexane	10.0	9.96	100	70-130	
1,1-Dichloroethane	10.0	9.83	98	70-130	
Vinyl acetate	10.0	9.63	96	70-130	
Ethyl acetate	10.0	10.6	106	70-130	
Methyl Ethyl Ketone	10.0	9.34	93	70-130	
cis-1,2-Dichloroethene	10.0	10.0	100	70-130	
Chloroform	10.0	10.0	100	70-130	
Tetrahydrofuran	10.0	10.1	101	70-130	
1,1,1-Trichloroethane	10.0	10.8	108	70-130	
Cyclohexane	10.0	10.5	105	70-130	
Carbon tetrachloride	10.0	11.2	112	70-130	
2,2,4-Trimethylpentane	10.0	9.91	99	70-130	
Benzene	10.0	10.3	103	70-130	
1,2-Dichloroethane	10.0	10.1	101	70-130	
n-Heptane	10.0	9.45	95	70-130	
Trichloroethene	10.0	10.8	108	70-130	
Methyl methacrylate	10.0	10.1	101	70-130	
1,2-Dichloropropane	10.0	9.90	99	70-130	
1,4-Dioxane	10.0	9.73	97	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11372_005.d

Lab ID: LCS 200-82774/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.5	105	70-130	
cis-1,3-Dichloropropene	10.0	10.3	104	70-130	
methyl isobutyl ketone	10.0	9.47	95	70-130	
Toluene	10.0	11.0	110	70-130	
trans-1,3-Dichloropropene	10.0	10.6	106	70-130	
1,1,2-Trichloroethane	10.0	10.8	108	70-130	
Tetrachloroethene	10.0	11.9	119	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.75	98	70-130	
Dibromochloromethane	10.0	11.4	114	70-130	
1,2-Dibromoethane	10.0	11.1	111	70-130	
Chlorobenzene	10.0	11.2	112	70-130	
Ethylbenzene	10.0	10.9	109	70-130	
m,p-Xylene	20.0	23.1	115	70-130	
Xylene, o-	10.0	10.9	109	70-130	
Styrene	10.0	11.1	111	70-130	
Bromoform	10.0	12.4	124	70-130	
Cumene	10.0	11.0	110	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.7	107	70-130	
n-Propylbenzene	10.0	11.0	110	70-130	
4-Ethyltoluene	10.0	11.3	113	70-130	
1,3,5-Trimethylbenzene	10.0	10.9	109	70-130	
2-Chlorotoluene	10.0	10.8	108	70-130	
tert-Butylbenzene	10.0	11.0	110	70-130	
1,2,4-Trimethylbenzene	10.0	10.9	109	70-130	
sec-Butylbenzene	10.0	11.1	111	70-130	
4-Isopropyltoluene	10.0	11.3	113	70-130	
1,3-Dichlorobenzene	10.0	11.9	119	70-130	
1,4-Dichlorobenzene	10.0	11.7	117	70-130	
Benzyl chloride	10.0	12.5	125	70-130	
n-Butylbenzene	10.0	11.4	115	70-130	
1,2-Dichlorobenzene	10.0	11.7	117	70-130	
1,2,4-Trichlorobenzene	10.0	11.5	115	70-130	
Hexachlorobutadiene	10.0	12.2	122	70-130	
Naphthalene	10.0	10.5	105	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11617_06.D

Lab ID: LCS 200-83372/6 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.2	112	70-130	
Dichlorodifluoromethane	10.0	10.7	107	70-130	
Freon 22	10.0	12.0	120	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.5	115	70-130	
Chloromethane	10.0	10.6	106	70-130	
n-Butane	10.0	10.9	109	70-130	
Vinyl chloride	10.0	10.1	101	70-130	
1,3-Butadiene	10.0	10.4	104	70-130	
Bromomethane	10.0	10.0	100	70-130	
Chloroethane	10.0	10.7	107	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.57	96	70-130	
Trichlorofluoromethane	10.0	10.2	102	70-130	
Ethanol	15.0	14.4	96	70-130	
Freon TF	10.0	10.0	100	70-130	
1,1-Dichloroethene	10.0	9.44	94	70-130	
Acetone	10.0	12.3	124	70-130	
Isopropyl alcohol	10.0	9.80	98	70-130	
Carbon disulfide	10.0	11.5	115	70-130	
3-Chloropropene	10.0	10.9	109	70-130	
Methylene Chloride	10.0	10.8	108	70-130	
tert-Butyl alcohol	10.0	9.68	97	70-130	
Methyl tert-butyl ether	10.0	10.1	101	70-130	
trans-1,2-Dichloroethene	10.0	11.2	112	70-130	
n-Hexane	10.0	11.1	111	70-130	
1,1-Dichloroethane	10.0	10.2	102	70-130	
Vinyl acetate	10.0	10.7	107	70-130	
Ethyl acetate	10.0	9.05	90	70-130	
Methyl Ethyl Ketone	10.0	10.0	100	70-130	
cis-1,2-Dichloroethene	10.0	9.43	94	70-130	
Chloroform	10.0	10.1	101	70-130	
Tetrahydrofuran	10.0	11.2	112	70-130	
1,1,1-Trichloroethane	10.0	10.3	103	70-130	
Cyclohexane	10.0	10.0	100	70-130	
Carbon tetrachloride	10.0	10.8	108	70-130	
2,2,4-Trimethylpentane	10.0	10.1	101	70-130	
Benzene	10.0	9.52	95	70-130	
1,2-Dichloroethane	10.0	10.8	108	70-130	
n-Heptane	10.0	10.5	105	70-130	
Trichloroethene	10.0	9.06	91	70-130	
Methyl methacrylate	10.0	9.42	94	70-130	
1,2-Dichloropropane	10.0	9.23	92	70-130	
1,4-Dioxane	10.0	8.95	90	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11617_06.D

Lab ID: LCS 200-83372/6 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	9.68	97	70-130	
cis-1,3-Dichloropropene	10.0	9.05	91	70-130	
methyl isobutyl ketone	10.0	9.62	96	70-130	
Toluene	10.0	9.20	92	70-130	
trans-1,3-Dichloropropene	10.0	9.30	93	70-130	
1,1,2-Trichloroethane	10.0	9.45	95	70-130	
Tetrachloroethene	10.0	9.66	97	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.3	103	70-130	
Dibromochloromethane	10.0	9.74	97	70-130	
1,2-Dibromoethane	10.0	9.59	96	70-130	
Chlorobenzene	10.0	9.03	90	70-130	
Ethylbenzene	10.0	9.26	93	70-130	
m,p-Xylene	20.0	18.2	91	70-130	
Xylene, o-	10.0	8.99	90	70-130	
Styrene	10.0	9.16	92	70-130	
Bromoform	10.0	10.1	101	70-130	
Cumene	10.0	9.24	92	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.70	97	70-130	
n-Propylbenzene	10.0	9.41	94	70-130	
4-Ethyltoluene	10.0	9.87	99	70-130	
1,3,5-Trimethylbenzene	10.0	9.24	92	70-130	
2-Chlorotoluene	10.0	9.68	97	70-130	
tert-Butylbenzene	10.0	9.18	92	70-130	
1,2,4-Trimethylbenzene	10.0	9.29	93	70-130	
sec-Butylbenzene	10.0	9.30	93	70-130	
4-Isopropyltoluene	10.0	9.58	96	70-130	
1,3-Dichlorobenzene	10.0	9.50	95	70-130	
1,4-Dichlorobenzene	10.0	9.33	93	70-130	
Benzyl chloride	10.0	9.79	98	70-130	
n-Butylbenzene	10.0	9.63	96	70-130	
1,2-Dichlorobenzene	10.0	9.33	93	70-130	
1,2,4-Trichlorobenzene	10.0	9.58	96	70-130	
Hexachlorobutadiene	10.0	10.9	109	70-130	
Naphthalene	10.0	8.17	82	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11529_03.D

Lab ID: LCS 200-83124/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	9.60	96	70-130	
Dichlorodifluoromethane	10.0	10.6	106	70-130	
Freon 22	10.0	10.3	103	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.5	115	70-130	
Chloromethane	10.0	9.69	97	70-130	
n-Butane	10.0	10.6	106	70-130	
Vinyl chloride	10.0	10.4	104	70-130	
1,3-Butadiene	10.0	10.3	103	70-130	
Bromomethane	10.0	10.4	104	70-130	
Chloroethane	10.0	10.0	100	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.94	99	70-130	
Trichlorofluoromethane	10.0	10.1	101	70-130	
Ethanol	15.0	13.2	88	70-130	
Freon TF	10.0	9.70	97	70-130	
1,1-Dichloroethene	10.0	9.47	95	70-130	
Acetone	10.0	8.82	88	70-130	
Isopropyl alcohol	10.0	9.89	99	70-130	
Carbon disulfide	10.0	12.4	124	70-130	
3-Chloropropene	10.0	10.0	100	70-130	
Methylene Chloride	10.0	10.2	102	70-130	
tert-Butyl alcohol	10.0	9.63	96	70-130	
Methyl tert-butyl ether	10.0	10.3	103	70-130	
trans-1,2-Dichloroethene	10.0	10.4	104	70-130	
n-Hexane	10.0	10.1	101	70-130	
1,1-Dichloroethane	10.0	9.82	98	70-130	
Vinyl acetate	10.0	9.49	95	70-130	
Ethyl acetate	10.0	10.8	108	70-130	
Methyl Ethyl Ketone	10.0	9.54	95	70-130	
cis-1,2-Dichloroethene	10.0	10.4	104	70-130	
Chloroform	10.0	10.7	107	70-130	
Tetrahydrofuran	10.0	10.6	106	70-130	
1,1,1-Trichloroethane	10.0	10.8	108	70-130	
Cyclohexane	10.0	10.9	109	70-130	
Carbon tetrachloride	10.0	11.9	119	70-130	
2,2,4-Trimethylpentane	10.0	10.7	107	70-130	
Benzene	10.0	9.96	100	70-130	
1,2-Dichloroethane	10.0	10.5	105	70-130	
n-Heptane	10.0	10.2	102	70-130	
Trichloroethene	10.0	10.4	104	70-130	
Methyl methacrylate	10.0	10.6	106	70-130	
1,2-Dichloropropane	10.0	10.5	105	70-130	
1,4-Dioxane	10.0	10.4	104	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11529_03.D

Lab ID: LCS 200-83124/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.9	109	70-130	
cis-1,3-Dichloropropene	10.0	10.9	109	70-130	
methyl isobutyl ketone	10.0	10.0	100	70-130	
Toluene	10.0	10.7	107	70-130	
trans-1,3-Dichloropropene	10.0	10.5	105	70-130	
1,1,2-Trichloroethane	10.0	10.5	105	70-130	
Tetrachloroethene	10.0	10.5	105	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.3	103	70-130	
Dibromochloromethane	10.0	10.7	107	70-130	
1,2-Dibromoethane	10.0	10.6	106	70-130	
Chlorobenzene	10.0	10.2	102	70-130	
Ethylbenzene	10.0	10.3	103	70-130	
m,p-Xylene	20.0	21.2	106	70-130	
Xylene, o-	10.0	10.6	106	70-130	
Styrene	10.0	10.7	107	70-130	
Bromoform	10.0	11.8	118	70-130	
Cumene	10.0	11.0	110	70-130	
1,1,2,2-Tetrachloroethane	10.0	11.1	111	70-130	
n-Propylbenzene	10.0	10.9	109	70-130	
4-Ethyltoluene	10.0	11.2	112	70-130	
1,3,5-Trimethylbenzene	10.0	11.0	110	70-130	
2-Chlorotoluene	10.0	10.8	108	70-130	
tert-Butylbenzene	10.0	11.1	111	70-130	
1,2,4-Trimethylbenzene	10.0	11.2	112	70-130	
sec-Butylbenzene	10.0	11.2	112	70-130	
4-Isopropyltoluene	10.0	11.4	114	70-130	
1,3-Dichlorobenzene	10.0	11.4	114	70-130	
1,4-Dichlorobenzene	10.0	11.3	113	70-130	
Benzyl chloride	10.0	11.1	111	70-130	
n-Butylbenzene	10.0	11.2	112	70-130	
1,2-Dichlorobenzene	10.0	10.7	107	70-130	
1,2,4-Trichlorobenzene	10.0	8.20	82	70-130	
Hexachlorobutadiene	10.0	9.09	91	70-130	
Naphthalene	10.0	7.05	71	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11602_04.D

Lab ID: LCS 200-83338/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.4	114	70-130	
Dichlorodifluoromethane	10.0	10.9	109	70-130	
Freon 22	10.0	12.2	122	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.7	117	70-130	
Chloromethane	10.0	10.6	106	70-130	
n-Butane	10.0	10.9	109	70-130	
Vinyl chloride	10.0	10.1	101	70-130	
1,3-Butadiene	10.0	10.4	104	70-130	
Bromomethane	10.0	10.1	101	70-130	
Chloroethane	10.0	10.6	106	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.64	96	70-130	
Trichlorofluoromethane	10.0	10.5	105	70-130	
Ethanol	15.0	16.9	112	70-130	
Freon TF	10.0	10.1	101	70-130	
1,1-Dichloroethene	10.0	9.82	98	70-130	
Acetone	10.0	12.8	128	70-130	
Isopropyl alcohol	10.0	12.0	120	70-130	
Carbon disulfide	10.0	11.6	116	70-130	
3-Chloropropene	10.0	11.4	114	70-130	
Methylene Chloride	10.0	10.9	109	70-130	
tert-Butyl alcohol	10.0	11.9	119	70-130	
Methyl tert-butyl ether	10.0	10.9	109	70-130	
trans-1,2-Dichloroethene	10.0	11.3	113	70-130	
n-Hexane	10.0	11.6	116	70-130	
1,1-Dichloroethane	10.0	10.5	105	70-130	
Vinyl acetate	10.0	11.4	114	70-130	
Ethyl acetate	10.0	10.8	108	70-130	
Methyl Ethyl Ketone	10.0	11.2	112	70-130	
cis-1,2-Dichloroethene	10.0	9.62	96	70-130	
Chloroform	10.0	10.3	103	70-130	
Tetrahydrofuran	10.0	12.3	123	70-130	
1,1,1-Trichloroethane	10.0	11.1	111	70-130	
Cyclohexane	10.0	10.4	104	70-130	
Carbon tetrachloride	10.0	11.5	115	70-130	
2,2,4-Trimethylpentane	10.0	10.6	106	70-130	
Benzene	10.0	10.3	103	70-130	
1,2-Dichloroethane	10.0	11.7	117	70-130	
n-Heptane	10.0	11.2	112	70-130	
Trichloroethene	10.0	9.52	95	70-130	
Methyl methacrylate	10.0	10.6	106	70-130	
1,2-Dichloropropane	10.0	9.74	97	70-130	
1,4-Dioxane	10.0	11.1	111	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11602_04.D

Lab ID: LCS 200-83338/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.3	103	70-130	
cis-1,3-Dichloropropene	10.0	9.84	98	70-130	
methyl isobutyl ketone	10.0	11.6	116	70-130	
Toluene	10.0	10.1	101	70-130	
trans-1,3-Dichloropropene	10.0	10.4	104	70-130	
1,1,2-Trichloroethane	10.0	10.4	104	70-130	
Tetrachloroethene	10.0	10.7	107	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	12.9	129	70-130	
Dibromochloromethane	10.0	11.0	110	70-130	
1,2-Dibromoethane	10.0	10.9	109	70-130	
Chlorobenzene	10.0	10.4	104	70-130	
Ethylbenzene	10.0	10.4	104	70-130	
m,p-Xylene	20.0	20.5	103	70-130	
Xylene, o-	10.0	9.97	100	70-130	
Styrene	10.0	10.5	105	70-130	
Bromoform	10.0	12.0	120	70-130	
Cumene	10.0	10.3	103	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.9	109	70-130	
n-Propylbenzene	10.0	10.8	108	70-130	
4-Ethyltoluene	10.0	11.4	114	70-130	
1,3,5-Trimethylbenzene	10.0	10.4	104	70-130	
2-Chlorotoluene	10.0	11.1	111	70-130	
tert-Butylbenzene	10.0	10.4	105	70-130	
1,2,4-Trimethylbenzene	10.0	10.6	106	70-130	
sec-Butylbenzene	10.0	10.6	106	70-130	
4-Isopropyltoluene	10.0	11.0	110	70-130	
1,3-Dichlorobenzene	10.0	11.2	112	70-130	
1,4-Dichlorobenzene	10.0	11.2	112	70-130	
Benzyl chloride	10.0	12.2	122	70-130	
n-Butylbenzene	10.0	11.1	111	70-130	
1,2-Dichlorobenzene	10.0	10.8	108	70-130	
1,2,4-Trichlorobenzene	10.0	12.9	130	70-130	
Hexachlorobutadiene	10.0	12.7	127	70-130	
Naphthalene	10.0	11.5	115	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11618-003.D

Lab ID: LCS 200-83373/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	9.26	93	70-130	
Dichlorodifluoromethane	10.0	11.4	114	70-130	
Freon 22	10.0	10.5	105	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.4	114	70-130	
Chloromethane	10.0	9.05	90	70-130	
n-Butane	10.0	9.81	98	70-130	
Vinyl chloride	10.0	9.51	95	70-130	
1,3-Butadiene	10.0	9.98	100	70-130	
Bromomethane	10.0	10.3	103	70-130	
Chloroethane	10.0	10.1	101	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.60	96	70-130	
Trichlorofluoromethane	10.0	11.2	112	70-130	
Ethanol	15.0	10.6	70	70-130	
Freon TF	10.0	9.97	100	70-130	
1,1-Dichloroethene	10.0	9.66	97	70-130	
Acetone	10.0	11.9	119	70-130	
Isopropyl alcohol	10.0	8.72	87	70-130	
Carbon disulfide	10.0	10.6	106	70-130	
3-Chloropropene	10.0	9.05	91	70-130	
Methylene Chloride	10.0	8.97	90	70-130	
tert-Butyl alcohol	10.0	9.66	97	70-130	
Methyl tert-butyl ether	10.0	10.7	107	70-130	
trans-1,2-Dichloroethene	10.0	10.7	107	70-130	
n-Hexane	10.0	10.1	101	70-130	
1,1-Dichloroethane	10.0	9.81	98	70-130	
Vinyl acetate	10.0	9.55	96	70-130	
Ethyl acetate	10.0	10.0	100	70-130	
Methyl Ethyl Ketone	10.0	8.78	88	70-130	
cis-1,2-Dichloroethene	10.0	9.54	95	70-130	
Chloroform	10.0	10.7	107	70-130	
Tetrahydrofuran	10.0	9.30	93	70-130	
1,1,1-Trichloroethane	10.0	11.4	114	70-130	
Cyclohexane	10.0	9.84	98	70-130	
Carbon tetrachloride	10.0	11.6	116	70-130	
2,2,4-Trimethylpentane	10.0	9.45	95	70-130	
Benzene	10.0	9.42	94	70-130	
1,2-Dichloroethane	10.0	12.1	121	70-130	
n-Heptane	10.0	9.76	98	70-130	
Trichloroethene	10.0	10.6	106	70-130	
Methyl methacrylate	10.0	10.7	107	70-130	
1,2-Dichloropropane	10.0	9.85	99	70-130	
1,4-Dioxane	10.0	9.76	98	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11618-003.D

Lab ID: LCS 200-83373/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	11.4	114	70-130	
cis-1,3-Dichloropropene	10.0	11.1	111	70-130	
methyl isobutyl ketone	10.0	10.8	108	70-130	
Toluene	10.0	10.4	104	70-130	
trans-1,3-Dichloropropene	10.0	11.4	114	70-130	
1,1,2-Trichloroethane	10.0	10.1	101	70-130	
Tetrachloroethene	10.0	11.0	110	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.6	106	70-130	
Dibromochloromethane	10.0	10.8	108	70-130	
1,2-Dibromoethane	10.0	10.4	104	70-130	
Chlorobenzene	10.0	10.2	102	70-130	
Ethylbenzene	10.0	10.7	107	70-130	
m,p-Xylene	20.0	20.9	105	70-130	
Xylene, o-	10.0	10.5	105	70-130	
Styrene	10.0	10.9	109	70-130	
Bromoform	10.0	11.3	113	70-130	
Cumene	10.0	10.8	108	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.1	101	70-130	
n-Propylbenzene	10.0	10.6	107	70-130	
4-Ethyltoluene	10.0	11.0	110	70-130	
1,3,5-Trimethylbenzene	10.0	11.0	110	70-130	
2-Chlorotoluene	10.0	10.7	107	70-130	
tert-Butylbenzene	10.0	10.9	109	70-130	
1,2,4-Trimethylbenzene	10.0	11.1	111	70-130	
sec-Butylbenzene	10.0	10.7	107	70-130	
4-Isopropyltoluene	10.0	11.1	111	70-130	
1,3-Dichlorobenzene	10.0	10.8	108	70-130	
1,4-Dichlorobenzene	10.0	10.8	108	70-130	
Benzyl chloride	10.0	11.6	116	70-130	
n-Butylbenzene	10.0	10.8	108	70-130	
1,2-Dichlorobenzene	10.0	10.8	109	70-130	
1,2,4-Trichlorobenzene	10.0	11.1	111	70-130	
Hexachlorobutadiene	10.0	12.2	123	70-130	
Naphthalene	10.0	10.4	104	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11618-003.D

Lab ID: LCS 200-83373/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	9.26	93	70-130	
Dichlorodifluoromethane	10.0	11.4	114	70-130	
Freon 22	10.0	10.5	105	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.4	114	70-130	
Chloromethane	10.0	9.05	90	70-130	
n-Butane	10.0	9.81	98	70-130	
Vinyl chloride	10.0	9.51	95	70-130	
1,3-Butadiene	10.0	9.98	100	70-130	
Bromomethane	10.0	10.3	103	70-130	
Chloroethane	10.0	10.1	101	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.60	96	70-130	
Trichlorofluoromethane	10.0	11.2	112	70-130	
Ethanol	15.0	10.6	70	70-130	
Freon TF	10.0	9.97	100	70-130	
1,1-Dichloroethene	10.0	9.66	97	70-130	
Acetone	10.0	11.9	119	70-130	
Isopropyl alcohol	10.0	8.72	87	70-130	
Carbon disulfide	10.0	10.6	106	70-130	
3-Chloropropene	10.0	9.05	91	70-130	
Methylene Chloride	10.0	8.97	90	70-130	
tert-Butyl alcohol	10.0	9.66	97	70-130	
Methyl tert-butyl ether	10.0	10.7	107	70-130	
trans-1,2-Dichloroethene	10.0	10.7	107	70-130	
n-Hexane	10.0	10.1	101	70-130	
1,1-Dichloroethane	10.0	9.81	98	70-130	
Vinyl acetate	10.0	9.55	96	70-130	
Ethyl acetate	10.0	10.0	100	70-130	
Methyl Ethyl Ketone	10.0	8.78	88	70-130	
cis-1,2-Dichloroethene	10.0	9.54	95	70-130	
Chloroform	10.0	10.7	107	70-130	
Tetrahydrofuran	10.0	9.30	93	70-130	
1,1,1-Trichloroethane	10.0	11.4	114	70-130	
Cyclohexane	10.0	9.84	98	70-130	
Carbon tetrachloride	10.0	11.6	116	70-130	
2,2,4-Trimethylpentane	10.0	9.45	95	70-130	
Benzene	10.0	9.42	94	70-130	
1,2-Dichloroethane	10.0	12.1	121	70-130	
n-Heptane	10.0	9.76	98	70-130	
Trichloroethene	10.0	10.6	106	70-130	
Methyl methacrylate	10.0	10.7	107	70-130	
1,2-Dichloropropane	10.0	9.85	99	70-130	
1,4-Dioxane	10.0	9.76	98	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 11618-003.D

Lab ID: LCS 200-83373/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	11.4	114	70-130	
cis-1,3-Dichloropropene	10.0	11.1	111	70-130	
methyl isobutyl ketone	10.0	10.8	108	70-130	
Toluene	10.0	10.4	104	70-130	
trans-1,3-Dichloropropene	10.0	11.4	114	70-130	
1,1,2-Trichloroethane	10.0	10.1	101	70-130	
Tetrachloroethene	10.0	11.0	110	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.6	106	70-130	
Dibromochloromethane	10.0	10.8	108	70-130	
1,2-Dibromoethane	10.0	10.4	104	70-130	
Chlorobenzene	10.0	10.2	102	70-130	
Ethylbenzene	10.0	10.7	107	70-130	
m,p-Xylene	20.0	20.9	105	70-130	
Xylene, o-	10.0	10.5	105	70-130	
Styrene	10.0	10.9	109	70-130	
Bromoform	10.0	11.3	113	70-130	
Cumene	10.0	10.8	108	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.1	101	70-130	
n-Propylbenzene	10.0	10.6	107	70-130	
4-Ethyltoluene	10.0	11.0	110	70-130	
1,3,5-Trimethylbenzene	10.0	11.0	110	70-130	
2-Chlorotoluene	10.0	10.7	107	70-130	
tert-Butylbenzene	10.0	10.9	109	70-130	
1,2,4-Trimethylbenzene	10.0	11.1	111	70-130	
sec-Butylbenzene	10.0	10.7	107	70-130	
4-Isopropyltoluene	10.0	11.1	111	70-130	
1,3-Dichlorobenzene	10.0	10.8	108	70-130	
1,4-Dichlorobenzene	10.0	10.8	108	70-130	
Benzyl chloride	10.0	11.6	116	70-130	
n-Butylbenzene	10.0	10.8	108	70-130	
1,2-Dichlorobenzene	10.0	10.8	109	70-130	
1,2,4-Trichlorobenzene	10.0	11.1	111	70-130	
Hexachlorobutadiene	10.0	12.2	123	70-130	
Naphthalene	10.0	10.4	104	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Lab File ID: 11372_006.d Lab Sample ID: MB 200-82774/6

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHW.i Date Analyzed: 12/30/2014 13:01

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-82774/5	11372_005.d	12/30/2014 12:12
4345	200-26088-1	11372_013.d	12/30/2014 19:02
3372	200-26088-3	11372_015.d	12/30/2014 21:17
4362	200-26088-6	11372_018.d	12/31/2014 00:38
5027	200-26088-7	11372_027.d	12/31/2014 02:34
5453	200-26088-9	11372_021.d	12/31/2014 04:48
2681	200-26088-10	11372_022.d	12/31/2014 05:53
5441	200-26088-11	11372_023.d	12/31/2014 07:00
3523	200-26088-12	11372_024.d	12/31/2014 08:08

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26088-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-82774/6

Matrix: Air | Lab File ID: 11372_006.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 12/30/2014 13:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82774 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26088-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-82774/6

Matrix: Air | Lab File ID: 11372_006.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 12/30/2014 13:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82774 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-82774/6

Matrix: Air Lab File ID: 11372_006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 12/30/2014 13:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_006.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Dec-2014 13:01:30 ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011372-006
Misc. Info.: mb
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 31-Dec-2014 09:33:47 Calib Date: 18-Dec-2014 09:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20141217-11193.b\11193_017.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: lyonsb Date: 30-Dec-2014 13:45:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.419					ND	
2 Dichlorodifluoromethane	85		4.515					ND	
6 Chlorodifluoromethane	51		4.579					ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		4.863					ND	
8 Chloromethane	50		5.055					ND	
9 Butane	43		5.317					ND	
10 Vinyl chloride	62		5.371					ND	
11 Butadiene	54		5.467					ND	
12 Bromomethane	94		6.334					ND	
14 Chloroethane	64		6.617					ND	
15 2-Methylbutane	43		6.698					ND	
16 Vinyl bromide	106		7.088					ND	
17 Trichlorofluoromethane	101		7.206					ND	
28 Methyl Acetate TIC	43		7.318					ND	
18 Pentane	43		7.372					ND	
19 Ethanol	45		7.853					ND	
21 Ethyl ether	59		7.955					ND	
22 Acrolein	56		8.415					ND	
23 1,1,2-Trichloro-1,2,2-trif	101		8.447					ND	
24 1,1-Dichloroethene	96		8.522					ND	
25 Acetone	43		8.757					ND	
26 Carbon disulfide	76		9.003					ND	
27 Isopropyl alcohol	45		9.068					ND	
29 3-Chloro-1-propene	41		9.399					ND	
30 Acetonitrile	41		9.538					ND	
31 Methylene Chloride	49		9.736					ND	
32 2-Methyl-2-propanol	59		9.929					ND	
33 Methyl tert-butyl ether	73		10.164					ND	
34 trans-1,2-Dichloroethene	61		10.228					ND	
S 41 1,2-Dichloroethene, Total	61		10.200					ND	
35 Acrylonitrile	53		10.373					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
36 Hexane	57		10.640					ND	
37 1,1-Dichloroethane	63		11.186					ND	
38 Vinyl acetate	43		11.229					ND	
49 Methyl cyclohexane TIC	55		11.500					ND	
39 cis-1,2-Dichloroethene	96		12.363					ND	
40 2-Butanone (MEK)	72		12.374					ND	
42 Ethyl acetate	88		12.395					ND	
44 Tetrahydrofuran	42		12.839					ND	
* 43 Chlorobromomethane	128	12.818	12.839	-0.021	75	452159	10.0	10.0	
45 Chloroform	83		12.951					ND	
46 Cyclohexane	84		13.246					ND	
47 1,1,1-Trichloroethane	97		13.256					ND	
48 Carbon tetrachloride	117		13.513					ND	
51 Isooctane	57		13.904					ND	
50 Benzene	78	13.957	13.963	-0.006	1	319		0.001875	
52 1,2-Dichloroethane	62		14.123					ND	
53 n-Heptane	43		14.251					ND	
* 54 1,4-Difluorobenzene	114	14.701	14.717	-0.016	92	2128781	10.0	10.0	
A 57 GRO	1	14.757	(6.688-22.826)		0	457186		0	
55 n-Butanol	56		15.016					ND	
56 Trichloroethene	95		15.182					ND	
58 1,2-Dichloropropane	63		15.701					ND	
59 Methyl methacrylate	69		15.787					ND	
60 1,4-Dioxane	88		15.878					ND	
61 Dibromomethane	174		15.947					ND	
62 Dichlorobromomethane	83		16.193					ND	
A 63 TVOC as Toluene	92		(4.409-28.818)					ND	
64 cis-1,3-Dichloropropene	75		17.055					ND	
65 4-Methyl-2-pentanone (MIBK	43		17.279					ND	
69 n-Octane	43		17.616					ND	
66 Toluene	92	17.627	17.622	0.005	1	263		0.002146	
A 68 C8 Range	1	17.616	(17.566-17.666)		0	1224		NC	
A 67 Toluene Range	92	17.622	(17.582-17.662)		0	1224		0.0100	
70 trans-1,3-Dichloropropene	75		18.157					ND	
71 1,1,2-Trichloroethane	83		18.526					ND	
72 Tetrachloroethene	166		18.665					ND	
73 2-Hexanone	43		18.906					ND	
74 Chlorodibromomethane	129		19.280					ND	
81 1,2-Dibromo-3-Chloropropan	75		19.300					ND	
75 Ethylene Dibromide	107		19.564					ND	
S 82 Xylenes, Total	106				0			0.0189	
* 76 Chlorobenzene-d5	117	20.398	20.404	-0.006	81	1839399	10.0	10.0	
77 Chlorobenzene	112	20.446	20.462	-0.016	1	1526		0.008775	
78 Ethylbenzene	91	20.580	20.575	0.005	86	961		0.003729	
79 n-Nonane	57		20.628					ND	
80 m-Xylene & p-Xylene	106	20.783	20.794	-0.011	93	1332		0.0120	
83 o-Xylene	106	21.511	21.506	0.005	1	777		0.006880	
84 Styrene	104		21.543					ND	
85 Bromoform	173		21.928					ND	
86 Isopropylbenzene	105		22.073					ND	
$ 87 4-Bromofluorobenzene	95	22.404	22.410	-0.006	96	981217	NC	NC	
88 1,1,2,2-Tetrachloroethane	83		22.634					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 N-Propylbenzene	91		22.704					ND	
89 1,2,3-Trichloropropane	75		22.736					ND	
93 n-Decane	57		22.816					ND	
91 4-Ethyltoluene	105		22.875					ND	
92 2-Chlorotoluene	91		22.907					ND	
94 1,3,5-Trimethylbenzene	105		22.966					ND	
95 Alpha Methyl Styrene	118		23.314					ND	
96 tert-Butylbenzene	119		23.437					ND	
97 1,2,4-Trimethylbenzene	105		23.533					ND	
98 sec-Butylbenzene	105		23.769					ND	
99 4-Isopropyltoluene	119		23.972					ND	
100 1,3-Dichlorobenzene	146	24.036	24.041	-0.005	96	5277		0.0270	
101 1,4-Dichlorobenzene	146	24.186	24.186	0.000	97	6324		0.0327	
102 Benzyl chloride	91		24.394					ND	
104 Undecane	57		24.582					ND	
103 n-Butylbenzene	91		24.603					ND	
105 1,2-Dichlorobenzene	146		24.790					ND	
106 Dodecane	57		26.374					ND	
107 1,2,4-Trichlorobenzene	180	27.663	27.663	0.000	90	7067		0.0484	
108 Hexachlorobutadiene	225	27.850	27.861	-0.011	96	5071		0.0353	
109 Naphthalene	128		28.241					ND	
110 1,2,3-Trichlorobenzene	180		28.808					ND	
115 Methyl acetylene TIC	1		0.000					ND	
T 116 1,1,1,2-Tetrachloroethane	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

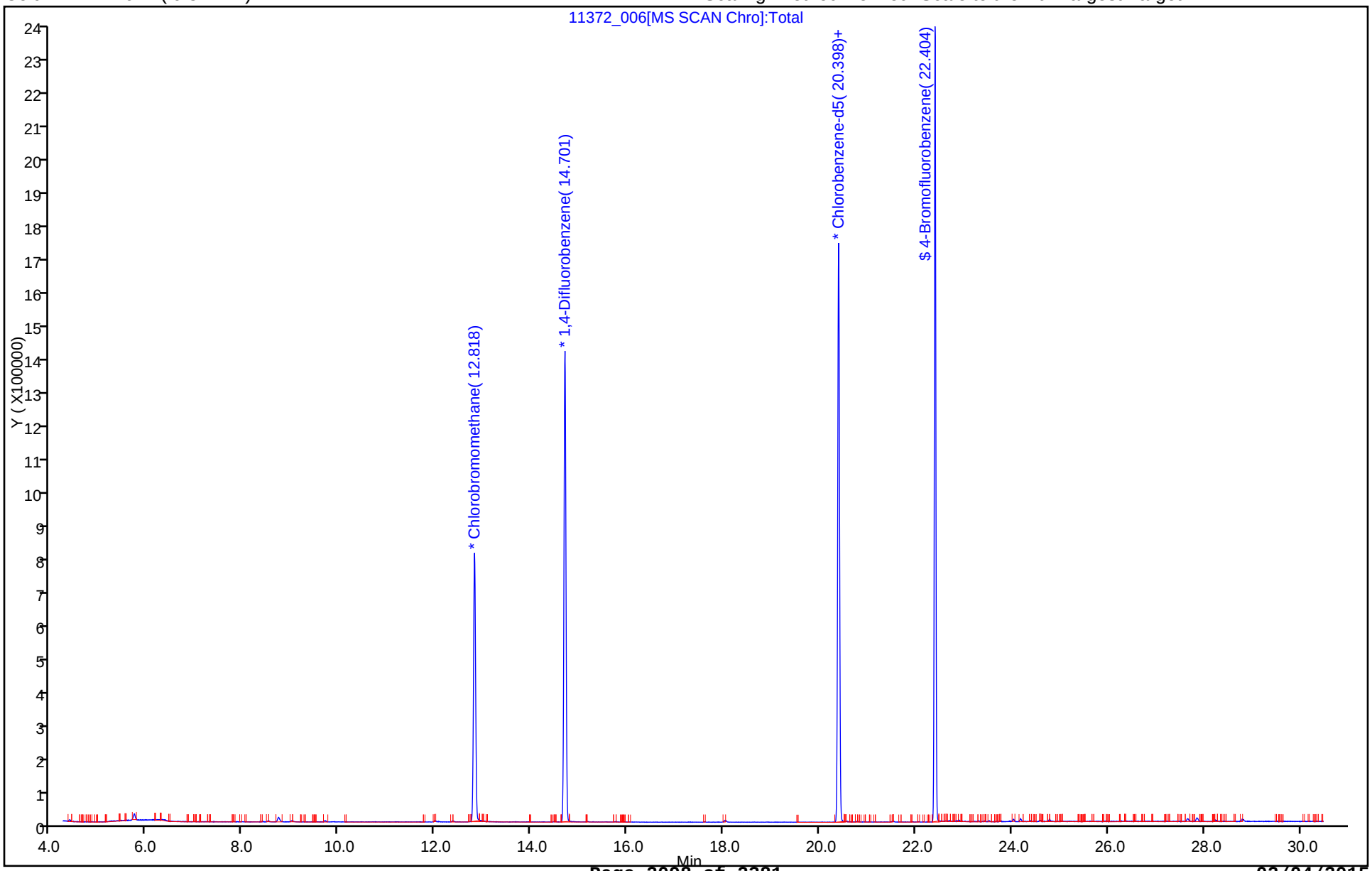
Report Date: 31-Dec-2014 09:33:50 Chrom Revision: 2.2 06-Nov-2014 14:50:32

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_006.d

Injection Date:	30-Dec-2014 13:01:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Lab File ID: 11617_07.D Lab Sample ID: MB 200-83372/7

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHG.i Date Analyzed: 01/14/2015 16:03

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-83372/6	11617_06.D	01/14/2015 14:50
4299	200-26192-4	11617_22.D	01/15/2015 04:59

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83372/7

Matrix: Air Lab File ID: 11617_07.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/14/2015 16:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83372 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83372/7

Matrix: Air Lab File ID: 11617_07.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/14/2015 16:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83372 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83372/7

Matrix: Air Lab File ID: 11617_07.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/14/2015 16:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83372 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150114-11617.b\11617_07.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Jan-2015 16:03:30 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011617-007
Misc. Info.: mb
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150114-11617.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 15-Jan-2015 09:24:50 Calib Date: 12-Dec-2014 10:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20141211-11064.b\11064_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: lyonsb Date: 15-Jan-2015 09:22:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		2.763					ND	
2 Dichlorodifluoromethane	85		2.833					ND	
6 Chlorodifluoromethane	51		2.881					ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.095					ND	
8 Chloromethane	50		3.229					ND	
9 Butane	43		3.432					ND	
10 Vinyl chloride	62		3.475					ND	
11 Butadiene	54		3.555					ND	
12 Bromomethane	94		4.240					ND	
14 Chloroethane	64		4.486					ND	
15 2-Methylbutane	43		4.571					ND	
16 Vinyl bromide	106		4.887					ND	
17 Trichlorofluoromethane	101		5.005					ND	
18 Pentane	43		5.160					ND	
19 Ethanol	45		5.625					ND	
21 Ethyl ether	59		5.711					ND	
22 Acrolein	56		6.085					ND	
23 1,1,2-Trichloro-1,2,2-trif	101		6.133					ND	
24 1,1-Dichloroethene	96		6.160					ND	
25 Acetone	43		6.417					ND	
26 Carbon disulfide	76		6.540					ND	
27 Isopropyl alcohol	45		6.754					ND	
29 3-Chloro-1-propene	41		6.979					ND	
30 Acetonitrile	41		7.107					ND	
31 Methylene Chloride	49		7.284					ND	
32 2-Methyl-2-propanol	59		7.567					ND	
33 Methyl tert-butyl ether	73		7.722					ND	
34 trans-1,2-Dichloroethene	61		7.738					ND	
35 Acrylonitrile	53		7.888					ND	
36 Hexane	57		8.161					ND	
37 1,1-Dichloroethane	63		8.632					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
38 Vinyl acetate	43		8.739					ND	
39 cis-1,2-Dichloroethene	96		9.766					ND	
40 2-Butanone (MEK)	72		9.830					ND	
42 Ethyl acetate	88		9.900					ND	
S 41 1,2-Dichloroethene, Total	61		10.200					ND	
* 43 Chlorobromomethane	128	10.226	10.226	0.000	96	362349	10.0	10.0	
44 Tetrahydrofuran	42		10.247					ND	
45 Chloroform	83		10.370					ND	
46 Cyclohexane	84		10.622					ND	
47 1,1,1-Trichloroethane	97		10.649					ND	
48 Carbon tetrachloride	117		10.900					ND	
50 Benzene	78	11.360	11.365	-0.005	1	881		0.007398	
51 Isooctane	57		11.371					ND	
52 1,2-Dichloroethane	62		11.542					ND	
53 n-Heptane	43	11.793	11.772	0.021	1	549		0.007240	
* 54 1,4-Difluorobenzene	114	12.221	12.227	-0.006	96	1976614	10.0	10.0	
55 n-Butanol	56		12.655					ND	
56 Trichloroethene	95		12.681					ND	
A 57 GRO	1	12.962	(4.561-21.363)		0	1517855		0	
58 1,2-Dichloropropane	63		13.232					ND	
59 Methyl methacrylate	69		13.441					ND	
60 1,4-Dioxane	88		13.473					ND	
61 Dibromomethane	174		13.484					ND	
62 Dichlorobromomethane	83		13.800					ND	
A 63 TVOC as Toluene	1	14.655	(2.753-26.558)		0	1750818		0	
64 cis-1,3-Dichloropropene	75		14.784					ND	
65 4-Methyl-2-pentanone (MIBK	43		15.105					ND	
A 67 Toluene Range	1	15.404	(15.364-15.444)		0	11339		NC	
66 Toluene	92	15.410	15.404	0.006	1	56		0.000610	
A 68 C8 Range	1	15.506	(15.456-15.556)		0	21676		NC	
69 n-Octane	43	15.490	15.506	-0.016	1	303		0.002434	
70 trans-1,3-Dichloropropene	75		16.025					ND	
71 1,1,2-Trichloroethane	83		16.410					ND	
72 Tetrachloroethene	166		16.523					ND	
73 2-Hexanone	43		16.892					ND	
74 Chlorodibromomethane	129		17.181					ND	
75 Ethylene Dibromide	107		17.453					ND	
* 76 Chlorobenzene-d5	117	18.379	18.384	-0.005	91	1952922	10.0	10.0	
77 Chlorobenzene	112		18.443					ND	
78 Ethylbenzene	91	18.587	18.609	-0.022	1	1997		0.009803	
79 n-Nonane	57		18.769					ND	
80 m-Xylene & p-Xylene	106		18.866					ND	
83 o-Xylene	106		19.716					ND	
84 Styrene	104		19.764					ND	
S 82 Xylenes, Total	106		20.100					ND	
85 Bromoform	173		20.187					ND	
86 Isopropylbenzene	105		20.422					ND	
* 87 4-Bromofluorobenzene	95	20.786	20.786	0.000	90	1397315	10.0	10.0	
88 1,1,2,2-Tetrachloroethane	83		21.070					ND	
90 N-Propylbenzene	91		21.155					ND	
89 1,2,3-Trichloropropane	75		21.161					ND	
92 2-Chlorotoluene	91		21.348					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
91 4-Ethyltoluene	105		21.348					ND	
93 n-Decane	57		21.353					ND	
94 1,3,5-Trimethylbenzene	105		21.455					ND	
95 Alpha Methyl Styrene	118		21.824					ND	
96 tert-Butylbenzene	119		21.947					ND	
97 1,2,4-Trimethylbenzene	105		22.038					ND	
98 sec-Butylbenzene	105		22.273					ND	
99 4-Isopropyltoluene	119		22.477					ND	
100 1,3-Dichlorobenzene	146		22.498					ND	
101 1,4-Dichlorobenzene	146	22.626	22.632	-0.006	1	2531		0.0191	
102 Benzyl chloride	91		22.824					ND	
103 n-Butylbenzene	91		23.044					ND	
104 Undecane	57		23.081					ND	
105 1,2-Dichlorobenzene	146		23.151					ND	
106 Dodecane	57		24.643					ND	
107 1,2,4-Trichlorobenzene	180	25.611	25.612	-0.001	3	3326		0.0346	
108 Hexachlorobutadiene	225		25.810					ND	
109 Naphthalene	128		26.082					ND	
110 1,2,3-Trichlorobenzene	180		26.548					ND	
T 118 1,1,1,2-Tetrachloroethane	1		0.000					ND	
T 119 Methyl Acetate TIC	1		0.000					ND	
T 117 Methyl cyclohexane TIC	1		0.000					ND	
T 115 Methyl acetylene TIC	1		0.000					ND	
T 116 1,2-Dibromo-3-Chloropropan	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

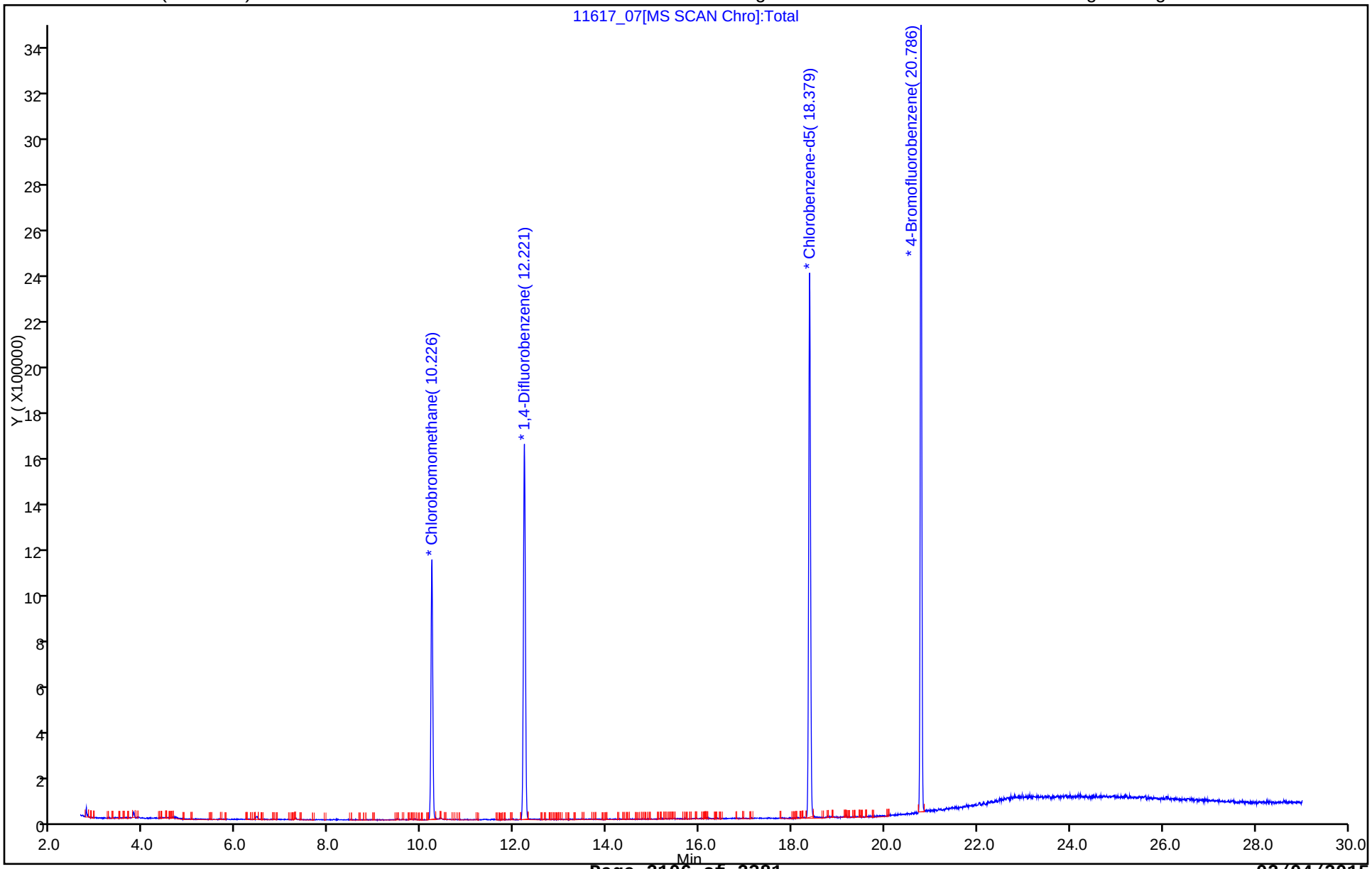
Report Date: 15-Jan-2015 09:24:58 Chrom Revision: 2.2 29-Dec-2014 08:28:38

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150114-11617.b\11617_07.D

Injection Date:	14-Jan-2015 16:03:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Lab File ID: 11529_04.D Lab Sample ID: MB 200-83124/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHB.i Date Analyzed: 01/08/2015 13:07

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-83124/3	11529_03.D	01/08/2015 12:15
4442	200-26204-1	11529_07.D	01/08/2015 16:03

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26204-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-83124/4

Matrix: Air | Lab File ID: 11529_04.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 01/08/2015 13:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83124 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26204-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-83124/4

Matrix: Air | Lab File ID: 11529_04.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 01/08/2015 13:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83124 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83124/4

Matrix: Air Lab File ID: 11529_04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/08/2015 13:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83124 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150108-11529.b\11529_04.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 08-Jan-2015 13:07:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011529-004
Misc. Info.: mb
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150108-11529.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2015 08:48:41 Calib Date: 06-Jan-2015 10:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150105-11470.b\11470_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: daiglep Date: 08-Jan-2015 13:57:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
4 Propene	41		3.165					ND	
5 Dichlorodifluoromethane	85		3.224					ND	
6 Chlorodifluoromethane	51		3.266					ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.453					ND	
8 Chloromethane	50		3.587					ND	
9 Butane	43		3.768					ND	
10 Vinyl chloride	62		3.811					ND	
11 Butadiene	54		3.875					ND	
12 Bromomethane	94		4.585					ND	
14 Chloroethane	64		4.825					ND	
15 2-Methylbutane	43		4.894					ND	
16 Vinyl bromide	106		5.246					ND	
17 Trichlorofluoromethane	101		5.342					ND	
18 Pentane	43		5.471					ND	
19 Ethanol	45		5.823					ND	
21 Ethyl ether	59		5.956					ND	
22 Acrolein	56		6.351					ND	
23 1,1,2-Trichloro-1,2,2-trif	101		6.383					ND	
24 1,1-Dichloroethene	96		6.463					ND	
25 Acetone	43		6.634					ND	
26 Isopropyl alcohol	45		6.837					ND	
27 Carbon disulfide	76		6.890					ND	
29 3-Chloro-1-propene	41		7.173					ND	
T 28 Methyl Acetate TIC	43		7.200					ND	
30 Acetonitrile	41		7.280					ND	
31 Methylene Chloride	49		7.445					ND	
32 2-Methyl-2-propanol	59		7.547					ND	
33 Methyl tert-butyl ether	73		7.771					ND	
34 trans-1,2-Dichloroethene	61		7.845					ND	
35 Acrylonitrile	53		7.947					ND	
36 Hexane	57		8.160					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
38 Vinyl acetate	43		8.603					ND	
37 1,1-Dichloroethane	63	8.593	8.603	-0.010	1	894		0.0249	
* 44 Chlorobromomethane	128	9.874	9.879	-0.005	67	248357	10.0	10.0	
40 2-Butanone (MEK)	72		9.495					ND	
39 cis-1,2-Dichloroethene	96		9.505					ND	
41 Ethyl acetate	88		9.511					ND	
43 Tetrahydrofuran	42		9.879					ND	
45 Chloroform	83		9.948					ND	
S 42 1,2-Dichloroethene, Total	61		10.000					ND	
47 1,1,1-Trichloroethane	97		10.199					ND	
46 Cyclohexane	84		10.204					ND	
48 Carbon tetrachloride	117		10.402					ND	
49 Isooctane	57		10.674					ND	
50 Benzene	78	10.733	10.738	-0.005	36	4427		0.0628	M
51 1,2-Dichloroethane	62		10.850					ND	
52 n-Heptane	43		10.920					ND	
A 53 GRO	1	10.978	(4.884-17.072)		0	749731		0	
* 54 1,4-Difluorobenzene	114	11.283	11.282	0.001	94	1247675	10.0	10.0	
56 n-Butanol	56		11.453					ND	
T 55 Methyl cyclohexane TIC	55		11.500					ND	
57 Trichloroethene	95		11.645					ND	
58 1,2-Dichloropropane	63		12.030					ND	
59 Methyl methacrylate	69		12.056					ND	
60 1,4-Dioxane	88		12.147					ND	
61 Dibromomethane	174		12.216					ND	
62 Dichlorobromomethane	83		12.382					ND	
A 63 TVOC as Toluene	1		(3.155-22.110)					ND	
64 cis-1,3-Dichloropropene	75		13.012					ND	
65 4-Methyl-2-pentanone (MIBK	43		13.161					ND	
A 66 C8 Range	1	13.393	(13.351-13.431)		0	11412		NC	
67 n-Octane	43		13.401					ND	
68 Toluene	92		13.439					ND	
A 69 Toluene Range	1	13.454	(13.429-13.479)		0	17282		NC	
70 trans-1,3-Dichloropropene	75		13.807					ND	
71 1,1,2-Trichloroethane	83		14.084					ND	
72 Tetrachloroethene	166		14.202					ND	
73 2-Hexanone	43		14.335					ND	
74 Chlorodibromomethane	129		14.623					ND	
75 Ethylene Dibromide	107		14.832					ND	
* 76 Chlorobenzene-d5	117	15.376	15.376	0.000	89	1062733	10.0	10.0	
77 Chlorobenzene	112		15.413					ND	
79 Ethylbenzene	91		15.477					ND	
78 n-Nonane	57		15.477					ND	
80 m-Xylene & p-Xylene	106		15.621					ND	
S 81 Xylenes, Total	106		16.000					ND	
82 o-Xylene	106		16.134					ND	
83 Styrene	104		16.155					ND	
84 Bromoform	173		16.454					ND	
85 Isopropylbenzene	105		16.534					ND	
$ 86 4-Bromofluorobenzene	95	16.796	16.801	-0.005	85	659822	NC	NC	
87 1,1,2,2-Tetrachloroethane	83		16.950					ND	
88 N-Propylbenzene	91		17.014					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,2,3-Trichloropropane	75		17.036					ND	
90 n-Decane	57		17.062					ND	
91 4-Ethyltoluene	105		17.137					ND	
92 2-Chlorotoluene	91		17.180					ND	
93 1,3,5-Trimethylbenzene	105		17.201					ND	
94 Alpha Methyl Styrene	118		17.479					ND	
95 tert-Butylbenzene	119		17.585					ND	
96 1,2,4-Trimethylbenzene	105		17.655					ND	
97 sec-Butylbenzene	105		17.847					ND	
98 4-Isopropyltoluene	119		17.996					ND	
99 1,3-Dichlorobenzene	146		18.082					ND	
100 1,4-Dichlorobenzene	146		18.194					ND	
101 Benzyl chloride	91		18.359					ND	
102 Undecane	57		18.461					ND	
103 n-Butylbenzene	91		18.514					ND	
104 1,2-Dichlorobenzene	146		18.695					ND	
T 105 1,2-Dibromo-3-Chloropropan	75		19.300					ND	
106 Dodecane	57		19.950					ND	
107 1,2,4-Trichlorobenzene	180		21.113					ND	
108 Hexachlorobutadiene	225		21.268					ND	
109 Naphthalene	128		21.620					ND	
110 1,2,3-Trichlorobenzene	180		22.100					ND	
111 Total Alkanes	1		0.000					ND	
T 115 Methyl acetylene TIC	1		0.000					ND	
T 116 1,1,1,2-Tetrachloroethane	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

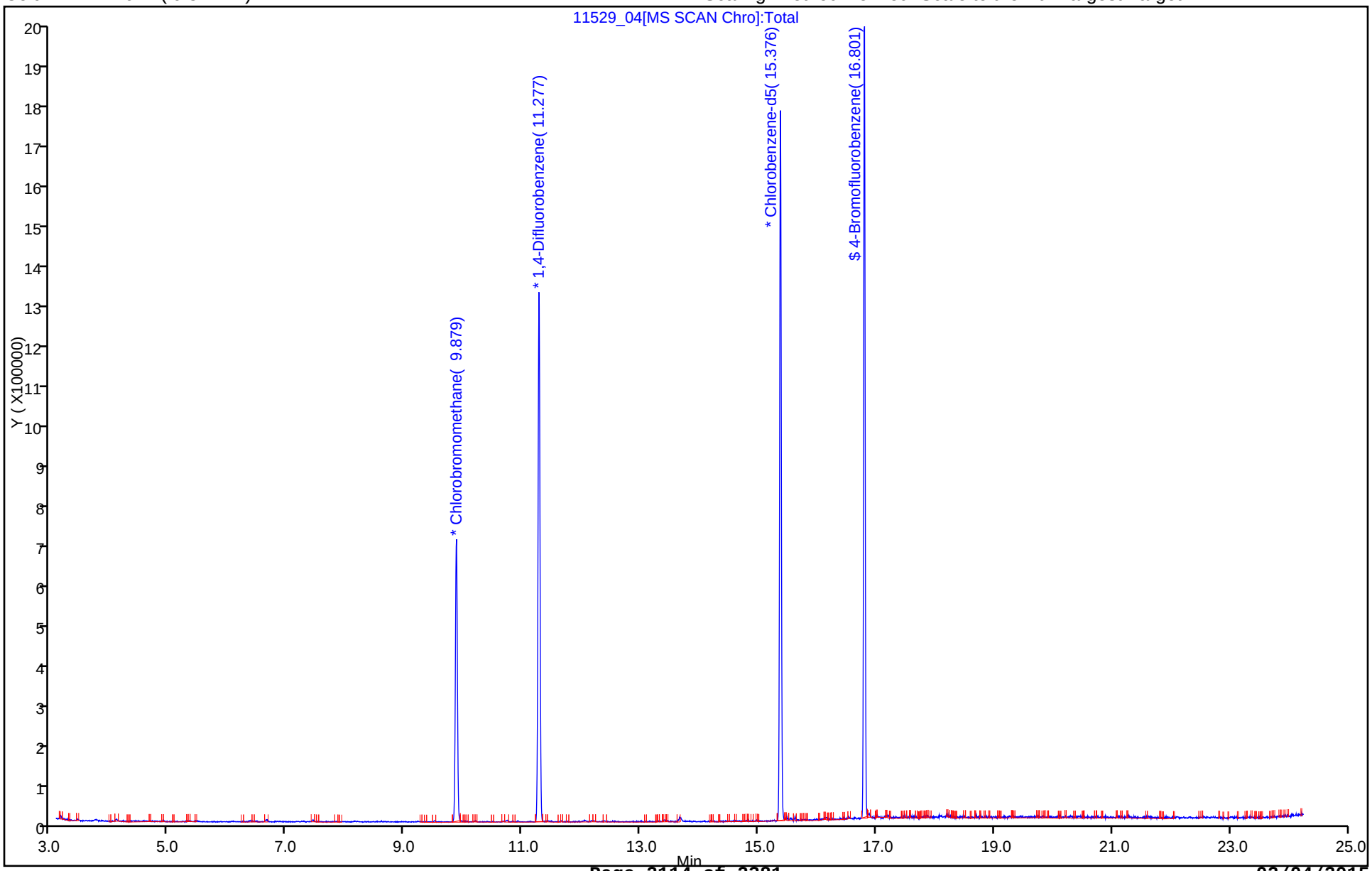
Report Date: 09-Jan-2015 08:48:43 Chrom Revision: 2.2 06-Nov-2014 14:50:32

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150108-11529.b\11529_04.D

Injection Date:	08-Jan-2015 13:07:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	mb			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

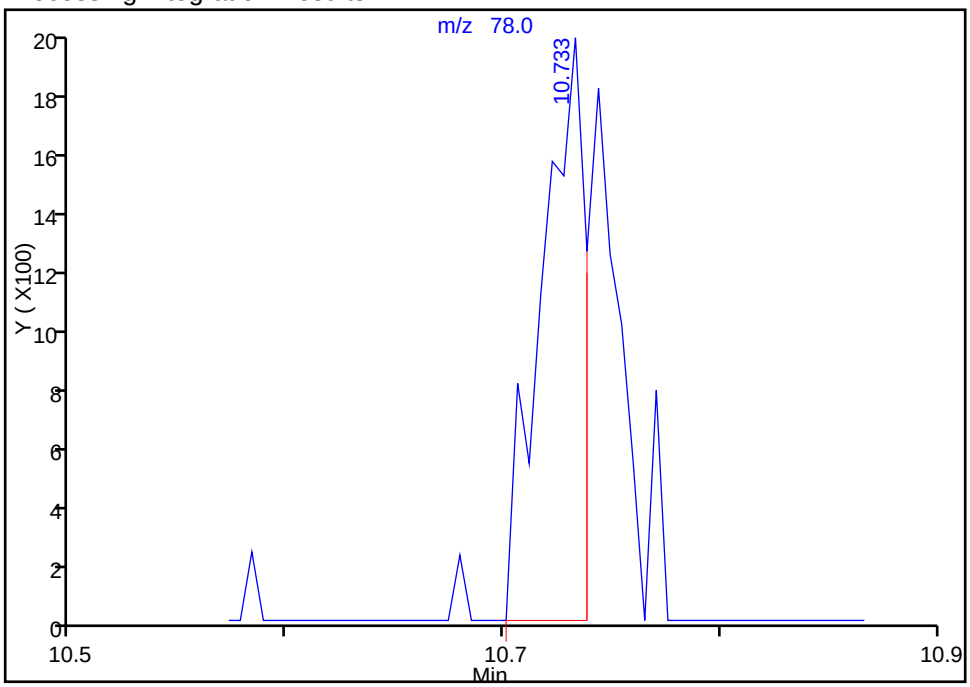
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150108-11529.b\11529_04.D
Injection Date: 08-Jan-2015 13:07:30 Instrument ID: CHB.i
Lims ID: mb
Client ID:
Operator ID: pad ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

50 Benzene, CAS: 71-43-2

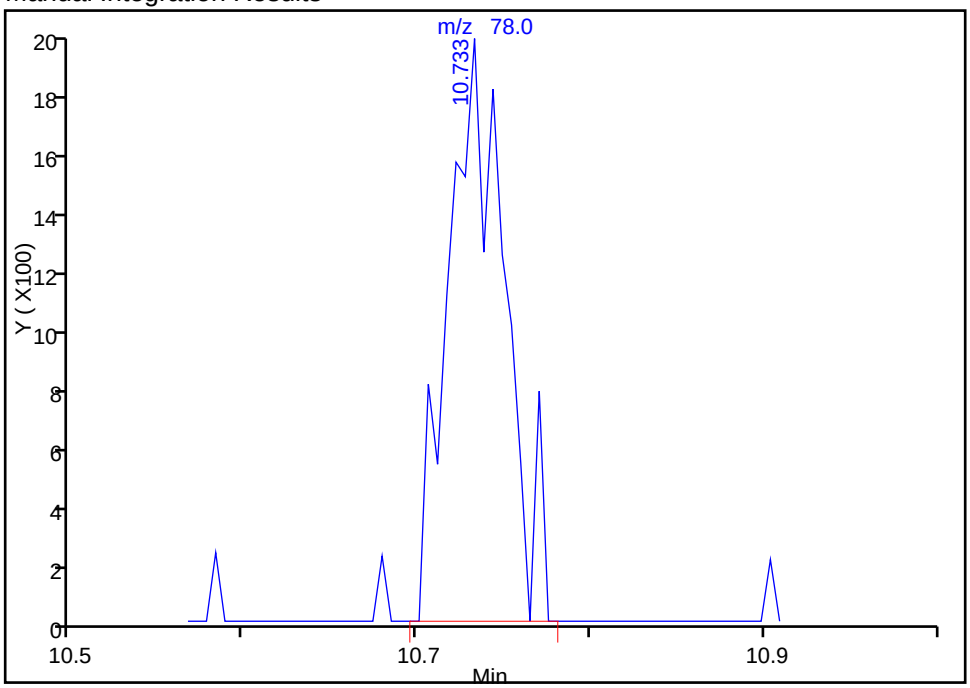
Processing Integration Results

RT: 10.73
Response: 2741
Amount: 0.038894



Manual Integration Results

RT: 10.73
Response: 4427
Amount: 0.062817



Reviewer: daiglep, 08-Jan-2015 13:57:52
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

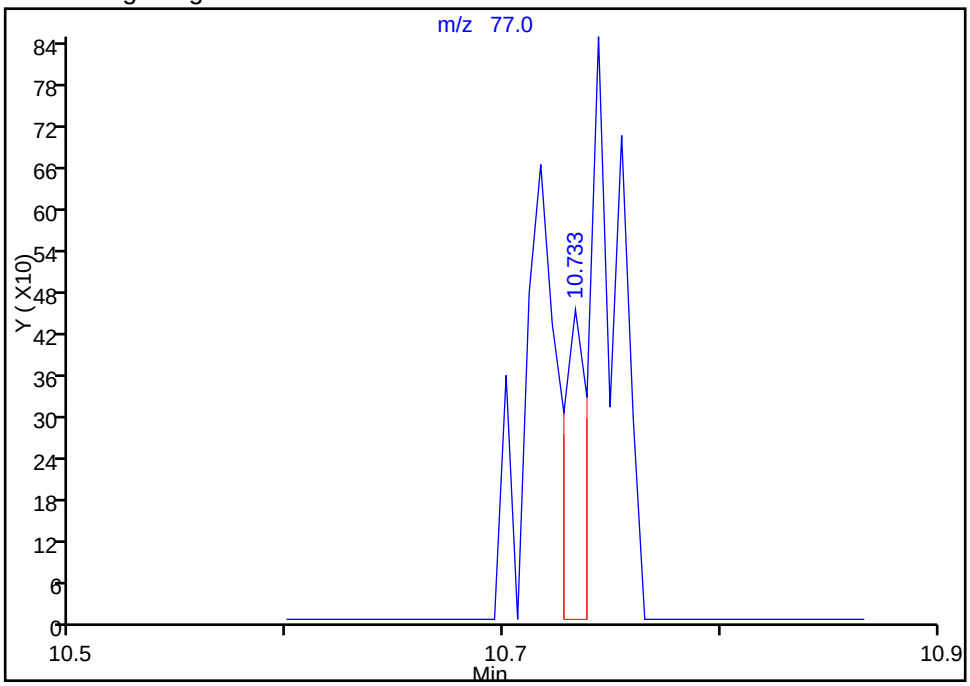
TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150108-11529.b\11529_04.D
Injection Date: 08-Jan-2015 13:07:30 Instrument ID: CHB.i
Lims ID: mb
Client ID:
Operator ID: pad ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

50 Benzene, CAS: 71-43-2

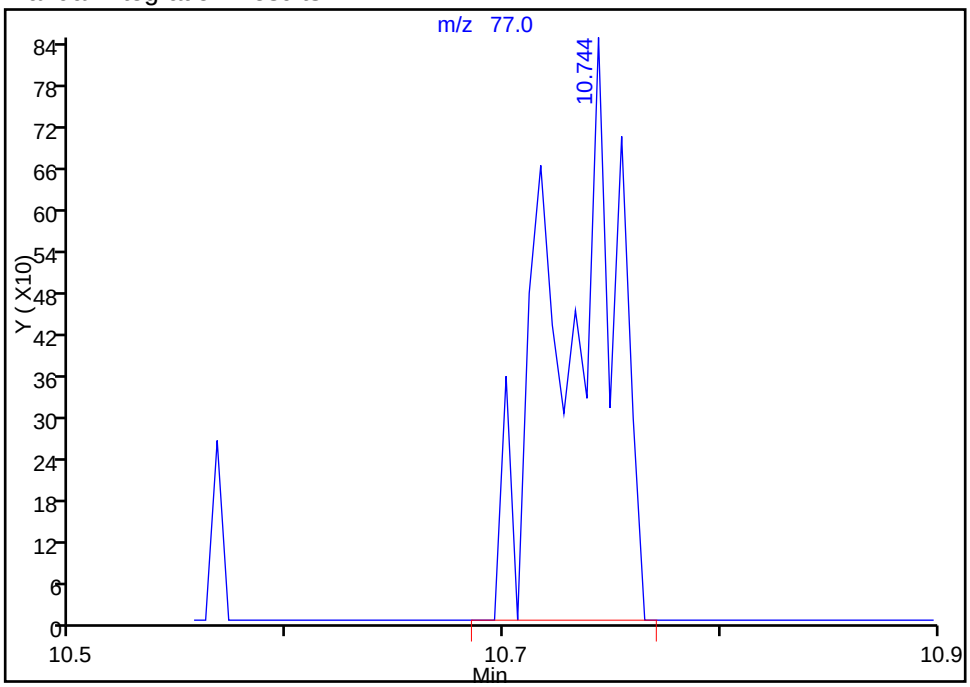
Processing Integration Results

RT: 10.73
Response: 342
Amount: 0.038894



Manual Integration Results

RT: 10.74
Response: 1640
Amount: 0.062817



Reviewer: daiglep, 08-Jan-2015 13:57:52
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Lab File ID: 11602_05.D Lab Sample ID: MB 200-83338/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHG.i Date Analyzed: 01/13/2015 18:46

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-83338/4	11602_04.D	01/13/2015 17:55
5640	200-26209-10	11602_15.D	01/14/2015 03:23

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26209-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-83338/5

Matrix: Air | Lab File ID: 11602_05.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 01/13/2015 18:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83338 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26209-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-83338/5

Matrix: Air | Lab File ID: 11602_05.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 01/13/2015 18:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83338 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83338/5

Matrix: Air Lab File ID: 11602_05.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/13/2015 18:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83338 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150113-11602.b\11602_05.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Jan-2015 18:46:30 ALS Bottle#: 3 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011602-005
Misc. Info.: MB
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150113-11602.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 14-Jan-2015 08:41:44 Calib Date: 12-Dec-2014 10:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20141211-11064.b\11064_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: lyonsb Date: 14-Jan-2015 07:55:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		2.757					ND	
2 Dichlorodifluoromethane	85		2.827					ND	
6 Chlorodifluoromethane	51		2.881					ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.095					ND	
8 Chloromethane	50		3.223					ND	
9 Butane	43		3.432					ND	
10 Vinyl chloride	62		3.469					ND	
11 Butadiene	54		3.549					ND	
12 Bromomethane	94		4.239					ND	
14 Chloroethane	64		4.485					ND	
15 2-Methylbutane	43		4.576					ND	
16 Vinyl bromide	106		4.887					ND	
17 Trichlorofluoromethane	101		4.999					ND	
18 Pentane	43		5.154					ND	
19 Ethanol	45		5.625					ND	
21 Ethyl ether	59		5.711					ND	
22 Acrolein	56		6.080					ND	
23 1,1,2-Trichloro-1,2,2-trif	101		6.139					ND	
24 1,1-Dichloroethene	96		6.160					ND	
25 Acetone	43		6.417					ND	
26 Carbon disulfide	76		6.540					ND	
27 Isopropyl alcohol	45		6.748					ND	
29 3-Chloro-1-propene	41		6.978					ND	
30 Acetonitrile	41		7.107					ND	
31 Methylene Chloride	49		7.283					ND	
32 2-Methyl-2-propanol	59		7.562					ND	
33 Methyl tert-butyl ether	73		7.727					ND	
34 trans-1,2-Dichloroethene	61		7.738					ND	
35 Acrylonitrile	53		7.893					ND	
36 Hexane	57		8.161					ND	
37 1,1-Dichloroethane	63		8.631					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
38 Vinyl acetate	43		8.738					ND	
39 cis-1,2-Dichloroethene	96		9.766					ND	
40 2-Butanone (MEK)	72		9.835					ND	
42 Ethyl acetate	88		9.899					ND	
S 41 1,2-Dichloroethene, Total	61		10.200					ND	
* 43 Chlorobromomethane	128	10.226	10.231	-0.005	96	367815	10.0	10.0	
44 Tetrahydrofuran	42		10.247					ND	
45 Chloroform	83		10.375					ND	
46 Cyclohexane	84		10.622					ND	
47 1,1,1-Trichloroethane	97		10.648					ND	
48 Carbon tetrachloride	117		10.905					ND	
50 Benzene	78		11.365					ND	
51 Isooctane	57		11.365					ND	
52 1,2-Dichloroethane	62		11.547					ND	
53 n-Heptane	43		11.766					ND	
* 54 1,4-Difluorobenzene	114	12.227	12.226	0.001	96	2007096	10.0	10.0	
55 n-Butanol	56		12.649					ND	
56 Trichloroethene	95		12.687					ND	
A 57 GRO	1	12.967	(4.566-21.368)		0	1705858		0	
58 1,2-Dichloropropane	63		13.238					ND	
59 Methyl methacrylate	69		13.441					ND	
60 1,4-Dioxane	88		13.478					ND	
61 Dibromomethane	174		13.484					ND	
62 Dichlorobromomethane	83		13.799					ND	
A 63 TVOC as Toluene	1	14.653	(2.747-26.558)		0	1934571		0	
64 cis-1,3-Dichloropropene	75		14.784					ND	
65 4-Methyl-2-pentanone (MIBK	43		15.110					ND	
66 Toluene	92		15.404					ND	
A 67 Toluene Range	1	15.404	(15.364-15.444)		0	28753		NC	
A 68 C8 Range	1		(15.456-15.556)					ND	
69 n-Octane	43		15.506					ND	
70 trans-1,3-Dichloropropene	75		16.025					ND	
71 1,1,2-Trichloroethane	83		16.410					ND	
72 Tetrachloroethene	166		16.528					ND	
73 2-Hexanone	43		16.897					ND	
74 Chlorodibromomethane	129		17.186					ND	
75 Ethylene Dibromide	107		17.458					ND	
* 76 Chlorobenzene-d5	117	18.384	18.384	0.000	90	1950195	10.0	10.0	
77 Chlorobenzene	112		18.443					ND	
78 Ethylbenzene	91		18.614					ND	
79 n-Nonane	57		18.775					ND	
80 m-Xylene & p-Xylene	106		18.871					ND	
83 o-Xylene	106		19.721					ND	
84 Styrene	104		19.770					ND	
S 82 Xylenes, Total	106		20.100					ND	
85 Bromoform	173		20.187					ND	
86 Isopropylbenzene	105		20.422					ND	
* 87 4-Bromofluorobenzene	95	20.786	20.786	0.000	92	1373285	10.0	10.0	
88 1,1,2,2-Tetrachloroethane	83		21.070					ND	
90 N-Propylbenzene	91		21.155					ND	
89 1,2,3-Trichloropropane	75		21.166					ND	
92 2-Chlorotoluene	91		21.348					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
91 4-Ethyltoluene	105		21.348					ND	
93 n-Decane	57		21.358					ND	
94 1,3,5-Trimethylbenzene	105		21.455					ND	
95 Alpha Methyl Styrene	118		21.824					ND	
96 tert-Butylbenzene	119		21.947					ND	
97 1,2,4-Trimethylbenzene	105		22.043					ND	
98 sec-Butylbenzene	105		22.273					ND	
99 4-Isopropyltoluene	119		22.477					ND	
100 1,3-Dichlorobenzene	146		22.498					ND	
101 1,4-Dichlorobenzene	146		22.632					ND	
102 Benzyl chloride	91		22.824					ND	
103 n-Butylbenzene	91		23.044					ND	
104 Undecane	57		23.081					ND	
105 1,2-Dichlorobenzene	146		23.156					ND	
106 Dodecane	57		24.643					ND	
107 1,2,4-Trichlorobenzene	180		25.617					ND	
108 Hexachlorobutadiene	225		25.804					ND	
109 Naphthalene	128		26.082					ND	
110 1,2,3-Trichlorobenzene	180		26.548					ND	
T 118 1,1,1,2-Tetrachloroethane	1		0.000					ND	
T 119 Methyl Acetate TIC	1		0.000					ND	
T 117 Methyl cyclohexane TIC	1		0.000					ND	
T 115 Methyl acetylene TIC	1		0.000					ND	
T 116 1,2-Dibromo-3-Chloropropan	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

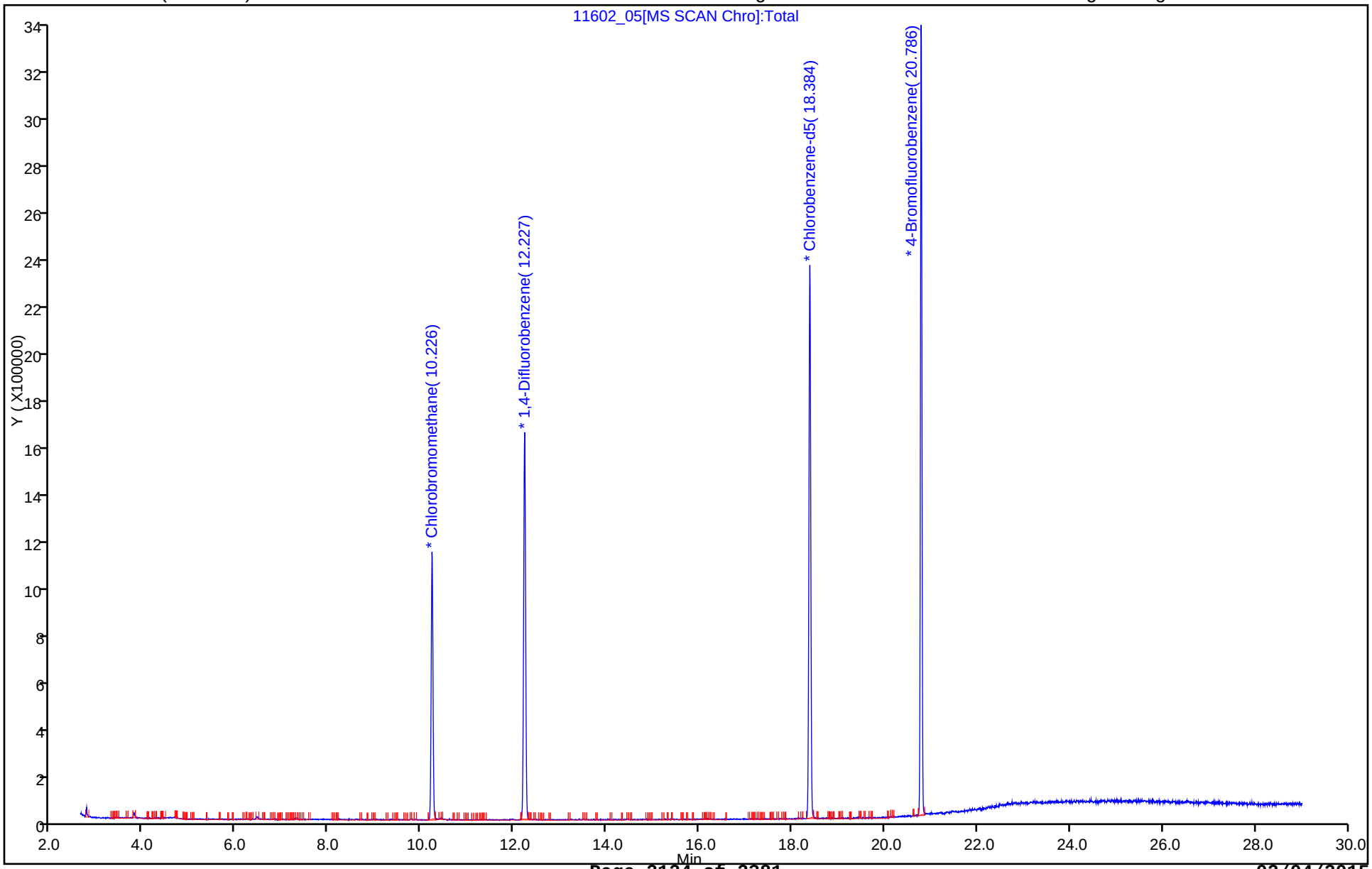
Report Date: 14-Jan-2015 08:41:47 Chrom Revision: 2.2 29-Dec-2014 08:28:38

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150113-11602.b\11602_05.D

Injection Date:	13-Jan-2015 18:46:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	MB			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Lab File ID: 11618-004.D Lab Sample ID: MB 200-83373/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHX.i Date Analyzed: 01/14/2015 12:50

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-83373/3	11618-003.D	01/14/2015 12:04
4467	200-26247-10	11618-025.D	01/15/2015 05:13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83373/4

Matrix: Air Lab File ID: 11618-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/14/2015 12:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83373 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26247-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-83373/4

Matrix: Air | Lab File ID: 11618-004.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 01/14/2015 12:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83373 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83373/4

Matrix: Air Lab File ID: 11618-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/14/2015 12:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83373 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\11618-004.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 14-Jan-2015 12:50:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011618-004
Misc. Info.: mb
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 14-Jan-2015 14:05:32 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: desjardinsb Date: 14-Jan-2015 14:05:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		3.065					ND	
2 Dichlorodifluoromethane	85		3.140					ND	
3 Chlorodifluoromethane	51		3.188					ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.408					ND	
5 Chloromethane	50		3.541					ND	
6 Butane	43		3.745					ND	
7 Vinyl chloride	62		3.787					ND	
8 Butadiene	54		3.868					ND	
9 Bromomethane	94		4.547					ND	
10 Chloroethane	64		4.777					ND	
11 2-Methylbutane	43		4.841					ND	
12 Vinyl bromide	106		5.162					ND	
13 Trichlorofluoromethane	101		5.253					ND	
14 Pentane	43		5.392					ND	
15 Ethanol	45		5.826					ND	
16 Ethyl ether	59		5.906					ND	
17 Acrolein	56		6.312					ND	
18 1,1,2-Trichloro-1,2,2-trif	101		6.312					ND	
20 1,1-Dichloroethene	96		6.366					ND	
21 Acetone	43		6.612					ND	
22 Carbon disulfide	76		6.762					ND	
23 Isopropyl alcohol	45		6.890					ND	
24 3-Chloro-1-propene	41		7.147					ND	
25 Acetonitrile	41		7.307					ND	
26 Methylene Chloride	49		7.447					ND	
T 27 Methyl Acetate TIC	43		7.568					ND	
28 2-Methyl-2-propanol	59		7.655					ND	
29 Methyl tert-butyl ether	73		7.832					ND	
30 trans-1,2-Dichloroethene	61		7.875					ND	
31 Acrylonitrile	53		8.056					ND	
32 Hexane	57		8.244					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63		8.752					ND	
34 Vinyl acetate	43		8.821					ND	
35 cis-1,2-Dichloroethene	96		9.870					ND	
36 2-Butanone (MEK)	72		9.923					ND	
37 Ethyl acetate	88		9.945					ND	
S 38 1,2-Dichloroethene, Total	61		10.000					ND	
39 Tetrahydrofuran	42		10.335					ND	
* 40 Chlorobromomethane	128	10.319	10.341	-0.022	90	143759	10.0	10.0	
41 Chloroform	83		10.469					ND	
42 Cyclohexane	84		10.710					ND	
43 1,1,1-Trichloroethane	97		10.747					ND	
44 Carbon tetrachloride	117		10.999					ND	
45 Isooctane	57		11.432					ND	
46 Benzene	78		11.480					ND	
47 1,2-Dichloroethane	62		11.678					ND	
48 n-Heptane	43		11.817					ND	
T 49 Methyl cyclohexane TIC	55		11.965					ND	
* 50 1,4-Difluorobenzene	114	12.320	12.342	-0.022	95	850210	10.0	10.0	
51 n-Butanol	56		12.716					ND	
52 Trichloroethene	95		12.818					ND	
53 1,2-Dichloropropane	63		13.411					ND	
54 Methyl methacrylate	69		13.567					ND	
55 1,4-Dioxane	88		13.631					ND	
56 Dibromomethane	174		13.679					ND	
57 Dichlorobromomethane	83		13.984					ND	
58 cis-1,3-Dichloropropene	75		14.958					ND	
A 59 Total Hydrocarbons	1	14.974	(3.033-26.914)		0	224120		NC	
A 60 TVOC as Toluene	1	14.974	(3.033-26.914)		0	224120		5.33	
61 4-Methyl-2-pentanone (MIBK	43		15.252					ND	
62 Toluene	92		15.562					ND	
A 63 Toluene Range	1	15.562	(15.552-15.572)		0	1280		NC	
66 n-Octane	43		15.594					ND	
A 65 GRO	1		(15.594-15.594)					ND	
A 64 C8 Range	1		(15.584-15.563)					ND	
67 trans-1,3-Dichloropropene	75		16.183					ND	
68 1,1,2-Trichloroethane	83		16.573					ND	
69 Tetrachloroethene	166		16.669					ND	
70 2-Hexanone	43		17.017					ND	
71 Chlorodibromomethane	129		17.354					ND	
72 Ethylene Dibromide	107		17.638					ND	
* 73 Chlorobenzene-d5	117	18.536	18.542	-0.006	88	848521	10.0	10.0	
74 Chlorobenzene	112		18.601					ND	
75 Ethylbenzene	91		18.745					ND	
76 n-Nonane	57		18.847					ND	
77 m-Xylene & p-Xylene	106		19.002					ND	
78 o-Xylene	106		19.810					ND	
79 Styrene	104		19.858					ND	
S 80 Xylenes, Total	106		20.000					ND	
81 Bromoform	173		20.259					ND	
82 Isopropylbenzene	105		20.436					ND	
* 83 4-Bromofluorobenzene	95	20.789	20.794	-0.005	91	622950	10.0	10.0	
T 84 1,2-Dibromo-3-Chloropropan	75		20.846					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 1,1,2,2-Tetrachloroethane	83		21.056					ND	
86 N-Propylbenzene	91		21.115					ND	
87 1,2,3-Trichloropropane	75		21.152					ND	
88 n-Decane	57		21.254					ND	
89 4-Ethyltoluene	105		21.292					ND	
90 2-Chlorotoluene	91		21.313					ND	
91 1,3,5-Trimethylbenzene	105		21.393					ND	
92 Alpha Methyl Styrene	118		21.746					ND	
93 tert-Butylbenzene	119		21.864					ND	
94 1,2,4-Trimethylbenzene	105		21.955					ND	
95 sec-Butylbenzene	105		22.180					ND	
96 4-Isopropyltoluene	119		22.372					ND	
97 1,3-Dichlorobenzene	146		22.420					ND	
98 1,4-Dichlorobenzene	146		22.559					ND	
99 Benzyl chloride	91		22.763					ND	
100 Undecane	57		22.966					ND	
101 n-Butylbenzene	91		22.966					ND	
102 1,2-Dichlorobenzene	146		23.121					ND	
103 Dodecane	57		24.630					ND	
104 1,2,4-Trichlorobenzene	180		25.780					ND	
105 Hexachlorobutadiene	225		25.967					ND	
106 Naphthalene	128		26.320					ND	
107 1,2,3-Trichlorobenzene	180		26.834					ND	
T 109 Methyl acetylene TIC	1		0.000					ND	
T 108 1,1,1,2-Tetrachloroethane	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

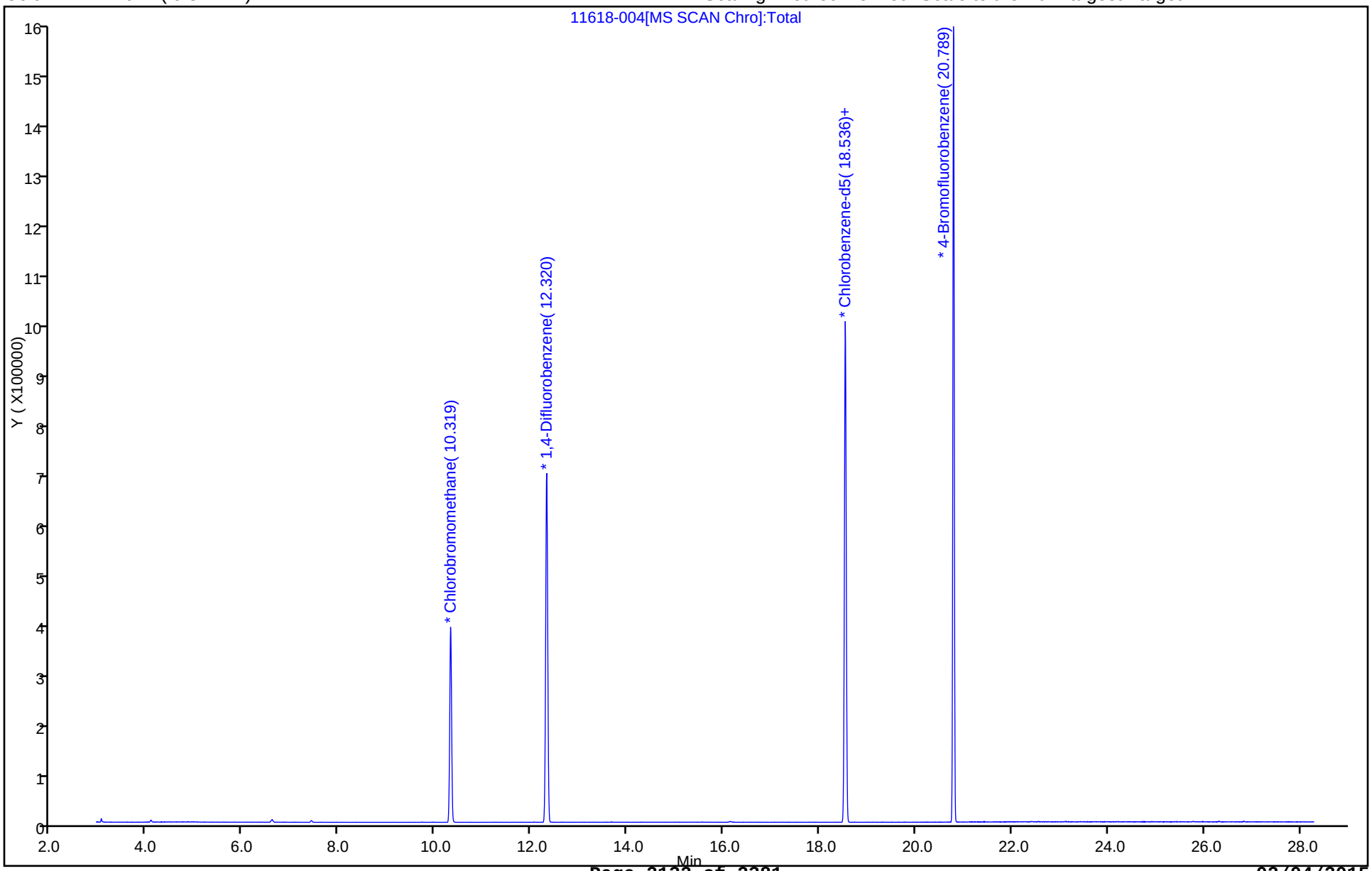
Report Date: 14-Jan-2015 14:05:33 Chrom Revision: 2.2 29-Dec-2014 08:28:38

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\11618-004.D

Injection Date:	14-Jan-2015 12:50:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	mb			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Lab File ID: 11618-004.D Lab Sample ID: MB 200-83373/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHX.i Date Analyzed: 01/14/2015 12:50

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-83373/3	11618-003.D	01/14/2015 12:04
3404	200-26260-6	11618-026.D	01/15/2015 06:10

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26260-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-83373/4

Matrix: Air | Lab File ID: 11618-004.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 01/14/2015 12:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83373 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26260-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-83373/4

Matrix: Air | Lab File ID: 11618-004.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 01/14/2015 12:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83373 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-83373/4

Matrix: Air Lab File ID: 11618-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 01/14/2015 12:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83373 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\11618-004.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 14-Jan-2015 12:50:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0011618-004
Misc. Info.: mb
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 14-Jan-2015 14:05:32 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: desjardinsb Date: 14-Jan-2015 14:05:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		3.065					ND	
2 Dichlorodifluoromethane	85		3.140					ND	
3 Chlorodifluoromethane	51		3.188					ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.408					ND	
5 Chloromethane	50		3.541					ND	
6 Butane	43		3.745					ND	
7 Vinyl chloride	62		3.787					ND	
8 Butadiene	54		3.868					ND	
9 Bromomethane	94		4.547					ND	
10 Chloroethane	64		4.777					ND	
11 2-Methylbutane	43		4.841					ND	
12 Vinyl bromide	106		5.162					ND	
13 Trichlorofluoromethane	101		5.253					ND	
14 Pentane	43		5.392					ND	
15 Ethanol	45		5.826					ND	
16 Ethyl ether	59		5.906					ND	
17 Acrolein	56		6.312					ND	
18 1,1,2-Trichloro-1,2,2-trif	101		6.312					ND	
20 1,1-Dichloroethene	96		6.366					ND	
21 Acetone	43		6.612					ND	
22 Carbon disulfide	76		6.762					ND	
23 Isopropyl alcohol	45		6.890					ND	
24 3-Chloro-1-propene	41		7.147					ND	
25 Acetonitrile	41		7.307					ND	
26 Methylene Chloride	49		7.447					ND	
T 27 Methyl Acetate TIC	43		7.568					ND	
28 2-Methyl-2-propanol	59		7.655					ND	
29 Methyl tert-butyl ether	73		7.832					ND	
30 trans-1,2-Dichloroethene	61		7.875					ND	
31 Acrylonitrile	53		8.056					ND	
32 Hexane	57		8.244					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63		8.752					ND	
34 Vinyl acetate	43		8.821					ND	
35 cis-1,2-Dichloroethene	96		9.870					ND	
36 2-Butanone (MEK)	72		9.923					ND	
37 Ethyl acetate	88		9.945					ND	
S 38 1,2-Dichloroethene, Total	61		10.000					ND	
39 Tetrahydrofuran	42		10.335					ND	
* 40 Chlorobromomethane	128	10.319	10.341	-0.022	90	143759	10.0	10.0	
41 Chloroform	83		10.469					ND	
42 Cyclohexane	84		10.710					ND	
43 1,1,1-Trichloroethane	97		10.747					ND	
44 Carbon tetrachloride	117		10.999					ND	
45 Isooctane	57		11.432					ND	
46 Benzene	78		11.480					ND	
47 1,2-Dichloroethane	62		11.678					ND	
48 n-Heptane	43		11.817					ND	
T 49 Methyl cyclohexane TIC	55		11.965					ND	
* 50 1,4-Difluorobenzene	114	12.320	12.342	-0.022	95	850210	10.0	10.0	
51 n-Butanol	56		12.716					ND	
52 Trichloroethene	95		12.818					ND	
53 1,2-Dichloropropane	63		13.411					ND	
54 Methyl methacrylate	69		13.567					ND	
55 1,4-Dioxane	88		13.631					ND	
56 Dibromomethane	174		13.679					ND	
57 Dichlorobromomethane	83		13.984					ND	
58 cis-1,3-Dichloropropene	75		14.958					ND	
A 59 Total Hydrocarbons	1	14.974	(3.033-26.914)		0	224120		NC	
A 60 TVOC as Toluene	1	14.974	(3.033-26.914)		0	224120		5.33	
61 4-Methyl-2-pentanone (MIBK	43		15.252					ND	
62 Toluene	92		15.562					ND	
A 63 Toluene Range	1	15.562	(15.552-15.572)		0	1280		NC	
66 n-Octane	43		15.594					ND	
A 65 GRO	1		(15.594-15.594)					ND	
A 64 C8 Range	1		(15.584-15.563)					ND	
67 trans-1,3-Dichloropropene	75		16.183					ND	
68 1,1,2-Trichloroethane	83		16.573					ND	
69 Tetrachloroethene	166		16.669					ND	
70 2-Hexanone	43		17.017					ND	
71 Chlorodibromomethane	129		17.354					ND	
72 Ethylene Dibromide	107		17.638					ND	
* 73 Chlorobenzene-d5	117	18.536	18.542	-0.006	88	848521	10.0	10.0	
74 Chlorobenzene	112		18.601					ND	
75 Ethylbenzene	91		18.745					ND	
76 n-Nonane	57		18.847					ND	
77 m-Xylene & p-Xylene	106		19.002					ND	
78 o-Xylene	106		19.810					ND	
79 Styrene	104		19.858					ND	
S 80 Xylenes, Total	106		20.000					ND	
81 Bromoform	173		20.259					ND	
82 Isopropylbenzene	105		20.436					ND	
* 83 4-Bromofluorobenzene	95	20.789	20.794	-0.005	91	622950	10.0	10.0	
T 84 1,2-Dibromo-3-Chloropropan	75		20.846					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 1,1,2,2-Tetrachloroethane	83		21.056					ND	
86 N-Propylbenzene	91		21.115					ND	
87 1,2,3-Trichloropropane	75		21.152					ND	
88 n-Decane	57		21.254					ND	
89 4-Ethyltoluene	105		21.292					ND	
90 2-Chlorotoluene	91		21.313					ND	
91 1,3,5-Trimethylbenzene	105		21.393					ND	
92 Alpha Methyl Styrene	118		21.746					ND	
93 tert-Butylbenzene	119		21.864					ND	
94 1,2,4-Trimethylbenzene	105		21.955					ND	
95 sec-Butylbenzene	105		22.180					ND	
96 4-Isopropyltoluene	119		22.372					ND	
97 1,3-Dichlorobenzene	146		22.420					ND	
98 1,4-Dichlorobenzene	146		22.559					ND	
99 Benzyl chloride	91		22.763					ND	
100 Undecane	57		22.966					ND	
101 n-Butylbenzene	91		22.966					ND	
102 1,2-Dichlorobenzene	146		23.121					ND	
103 Dodecane	57		24.630					ND	
104 1,2,4-Trichlorobenzene	180		25.780					ND	
105 Hexachlorobutadiene	225		25.967					ND	
106 Naphthalene	128		26.320					ND	
107 1,2,3-Trichlorobenzene	180		26.834					ND	
T 109 Methyl acetylene TIC	1		0.000					ND	
T 108 1,1,1,2-Tetrachloroethane	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

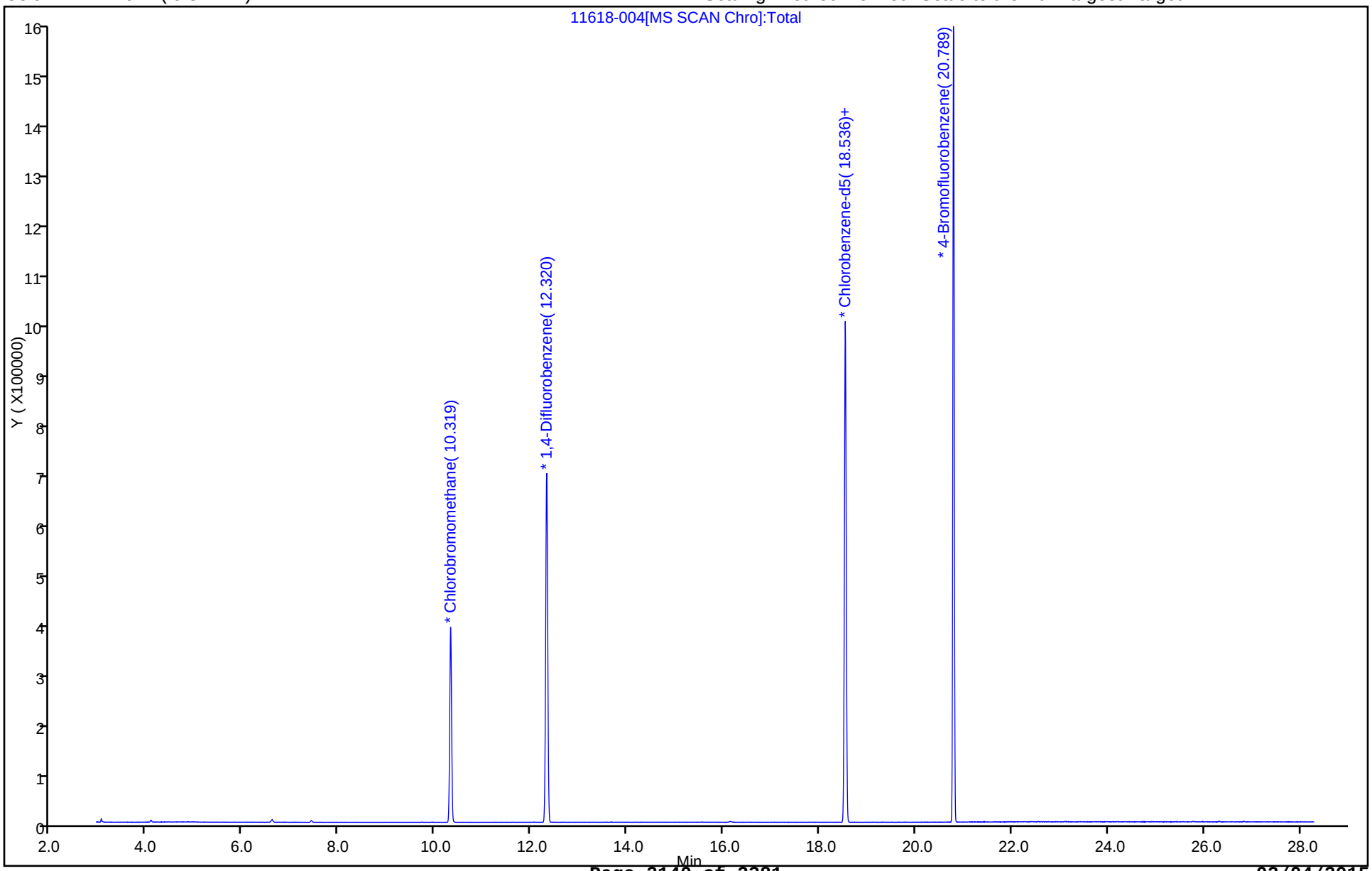
Report Date: 14-Jan-2015 14:05:33 Chrom Revision: 2.2 29-Dec-2014 08:28:38

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\11618-004.D

Injection Date:	14-Jan-2015 12:50:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	mb			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Lab File ID: 11193_001.d BFB Injection Date: 12/17/2014

Instrument ID: CHW.i BFB Injection Time: 12:04

Analysis Batch No.: 82265

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.1	
75	30.0 - 66.0% of mass 95	40.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.4	(0.4)1
174	50.0 - 120.0% of mass 95	105.0	
175	4.0 - 9.0 % of mass 174	7.4	(7.0)1
176	93.0 - 101.0% of mass 174	102.8	(97.9)1
177	5.0 - 9.0% of mass 176	6.9	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-82265/4	11193_004.d	12/17/2014	14:30
	IC 200-82265/5	11193_005.d	12/17/2014	15:20
	IC 200-82265/6	11193_006.d	12/17/2014	16:10
	IC 200-82265/7	11193_007.d	12/17/2014	16:59
	ICIS 200-82265/8	11193_008.d	12/17/2014	17:48
	IC 200-82265/9	11193_009.d	12/17/2014	18:37
	IC 200-82265/10	11193_010.d	12/17/2014	19:28
	IC 200-82265/17	11193_017.d	12/18/2014	09:40
	ICV 200-82265/19	11193_019.d	12/18/2014	11:18

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Lab File ID: 11372_001.d BFB Injection Date: 12/30/2014

Instrument ID: CHW.i BFB Injection Time: 08:47

Analysis Batch No.: 82774

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.1	
75	30.0 - 66.0% of mass 95	42.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.4)1
174	50.0 - 120.0% of mass 95	111.3	
175	4.0 - 9.0 % of mass 174	7.6	(6.8)1
176	93.0 - 101.0% of mass 174	108.2	(97.3)1
177	5.0 - 9.0% of mass 176	7.1	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-82774/4	11372_004.d	12/30/2014	11:23
	LCS 200-82774/5	11372_005.d	12/30/2014	12:12
	MB 200-82774/6	11372_006.d	12/30/2014	13:01
4345	200-26088-1	11372_013.d	12/30/2014	19:02
3372	200-26088-3	11372_015.d	12/30/2014	21:17
4362	200-26088-6	11372_018.d	12/31/2014	00:38
5027	200-26088-7	11372_027.d	12/31/2014	02:34
5453	200-26088-9	11372_021.d	12/31/2014	04:48
2681	200-26088-10	11372_022.d	12/31/2014	05:53
5441	200-26088-11	11372_023.d	12/31/2014	07:00
3523	200-26088-12	11372_024.d	12/31/2014	08:08

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Lab File ID: 11069_01.D BFB Injection Date: 12/11/2014

Instrument ID: CHG.i BFB Injection Time: 12:29

Analysis Batch No.: 81966

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	19.4	
75	30.0 - 66.0% of mass 95	50.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.6	(0.6)1
174	50.0 - 120.0% of mass 95	93.1	
175	4.0 - 9.0 % of mass 174	6.6	(7.1)1
176	93.0 - 101.0% of mass 174	91.6	(98.4)1
177	5.0 - 9.0% of mass 176	5.9	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-81966/3	11069_03.D	12/11/2014	14:15
	IC 200-81966/4	11069_04.D	12/11/2014	15:06
	IC 200-81966/5	11069_05.D	12/11/2014	15:58
	IC 200-81966/6	11069_06.D	12/11/2014	16:50
	IC 200-81966/8	11069_08.D	12/11/2014	18:33
	IC 200-81966/9	11069_09.D	12/11/2014	19:24
	IC 200-81966/10	11069_10.D	12/11/2014	20:15
	ICIS 200-81966/17	11064_17.D	12/12/2014	10:37
	ICV 200-81966/18	11064_19.D	12/12/2014	11:44

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Lab File ID: 11617_01.D BFB Injection Date: 01/14/2015

Instrument ID: CHG.i BFB Injection Time: 10:26

Analysis Batch No.: 83372

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	24.2	
75	30.0 - 66.0% of mass 95	56.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.4	(0.5)1
174	50.0 - 120.0% of mass 95	86.4	
175	4.0 - 9.0 % of mass 174	6.0	(6.9)1
176	93.0 - 101.0% of mass 174	85.2	(98.5)1
177	5.0 - 9.0% of mass 176	5.5	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-83372/2	11617_02.D	01/14/2015	11:26
	LCS 200-83372/6	11617_06.D	01/14/2015	14:50
	MB 200-83372/7	11617_07.D	01/14/2015	16:03
4299	200-26192-4	11617_22.D	01/15/2015	04:59

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Lab File ID: 11470_01.D BFB Injection Date: 01/05/2015

Instrument ID: CHB.i BFB Injection Time: 12:49

Analysis Batch No.: 82967

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	19.1	
75	30.0 - 66.0% of mass 95	57.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.3	
173	Less than 2.0% of mass 174	0.3	(0.3)1
174	50.0 - 120.0% of mass 95	83.6	
175	4.0 - 9.0 % of mass 174	6.0	(7.1)1
176	93.0 - 101.0% of mass 174	79.6	(95.3)1
177	5.0 - 9.0% of mass 176	5.0	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-82967/3	11470_03.D	01/05/2015	14:34
	IC 200-82967/4	11470_04.D	01/05/2015	15:26
	IC 200-82967/5	11470_05.D	01/05/2015	16:19
	IC 200-82967/6	11470_06.D	01/05/2015	17:11
	IC 200-82967/8	11470_08.D	01/05/2015	18:55
	IC 200-82967/9	11470_09.D	01/05/2015	19:47
	IC 200-82967/10	11470_10.D	01/05/2015	20:39
	ICIS 200-82967/17	11470_17.D	01/06/2015	10:50
	ICV 200-82967/18	11470_18.D	01/06/2015	11:44

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Lab File ID: 11529_01.D BFB Injection Date: 01/08/2015

Instrument ID: CHB.i BFB Injection Time: 10:22

Analysis Batch No.: 83124

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.6	
75	30.0 - 66.0% of mass 95	55.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.3	
173	Less than 2.0% of mass 174	0.2	(0.2)1
174	50.0 - 120.0% of mass 95	84.7	
175	4.0 - 9.0 % of mass 174	5.9	(7.0)1
176	93.0 - 101.0% of mass 174	79.9	(94.3)1
177	5.0 - 9.0% of mass 176	5.2	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-83124/2	11529_02.D	01/08/2015	11:23
	LCS 200-83124/3	11529_03.D	01/08/2015	12:15
	MB 200-83124/4	11529_04.D	01/08/2015	13:07
4442	200-26204-1	11529_07.D	01/08/2015	16:03

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Lab File ID: 11069_01.D BFB Injection Date: 12/11/2014

Instrument ID: CHG.i BFB Injection Time: 12:29

Analysis Batch No.: 81966

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	19.4	
75	30.0 - 66.0% of mass 95	50.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.6	(0.6)1
174	50.0 - 120.0% of mass 95	93.1	
175	4.0 - 9.0 % of mass 174	6.6	(7.1)1
176	93.0 - 101.0% of mass 174	91.6	(98.4)1
177	5.0 - 9.0% of mass 176	5.9	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-81966/3	11069_03.D	12/11/2014	14:15
	IC 200-81966/4	11069_04.D	12/11/2014	15:06
	IC 200-81966/5	11069_05.D	12/11/2014	15:58
	IC 200-81966/6	11069_06.D	12/11/2014	16:50
	IC 200-81966/8	11069_08.D	12/11/2014	18:33
	IC 200-81966/9	11069_09.D	12/11/2014	19:24
	IC 200-81966/10	11069_10.D	12/11/2014	20:15
	ICIS 200-81966/17	11064_17.D	12/12/2014	10:37
	ICV 200-81966/18	11064_19.D	12/12/2014	11:44

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Lab File ID: 11602_01.D BFB Injection Date: 01/13/2015

Instrument ID: CHG.i BFB Injection Time: 15:00

Analysis Batch No.: 83338

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	22.8	
75	30.0 - 66.0% of mass 95	55.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.4	(0.5)1
174	50.0 - 120.0% of mass 95	90.8	
175	4.0 - 9.0 % of mass 174	6.2	(6.8)1
176	93.0 - 101.0% of mass 174	88.8	(97.8)1
177	5.0 - 9.0% of mass 176	5.7	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-83338/2	11602_02.D	01/13/2015	16:13
	LCS 200-83338/4	11602_04.D	01/13/2015	17:55
	MB 200-83338/5	11602_05.D	01/13/2015	18:46
5640	200-26209-10	11602_15.D	01/14/2015	03:23

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Lab File ID: 10468-001.D BFB Injection Date: 11/10/2014

Instrument ID: CHX.i BFB Injection Time: 14:08

Analysis Batch No.: 80238

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.9	
75	30.0 - 66.0% of mass 95	47.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.8	(0.9)1
174	50.0 - 120.0% of mass 95	87.0	
175	4.0 - 9.0 % of mass 174	6.3	(7.3)1
176	93.0 - 101.0% of mass 174	84.6	(97.2)1
177	5.0 - 9.0% of mass 176	5.4	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-80238/4	10468-004.D	11/10/2014	16:30
	IC 200-80238/5	10468-005.D	11/10/2014	17:16
	IC 200-80238/6	10468-006.D	11/10/2014	18:02
	IC 200-80238/7	10468-007.D	11/10/2014	18:48
	ICIS 200-80238/8	10468-008.D	11/10/2014	19:34
	IC 200-80238/9	10468-009.D	11/10/2014	20:21
	IC 200-80238/10	10468-010.D	11/10/2014	21:07
	IC 200-80238/11	10468-011.D	11/10/2014	21:54
	ICV 200-80238/14	10468-014.D	11/11/2014	00:16

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Lab File ID: 11618-001.D BFB Injection Date: 01/14/2015

Instrument ID: CHX.i BFB Injection Time: 10:28

Analysis Batch No.: 83373

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	19.4	
75	30.0 - 66.0% of mass 95	51.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.4	
173	Less than 2.0% of mass 174	0.9	(1.0)1
174	50.0 - 120.0% of mass 95	87.1	
175	4.0 - 9.0 % of mass 174	6.3	(7.3)1
176	93.0 - 101.0% of mass 174	85.5	(98.1)1
177	5.0 - 9.0% of mass 176	5.5	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-83373/2	11618-002.D	01/14/2015	11:17
	LCS 200-83373/3	11618-003.D	01/14/2015	12:04
	MB 200-83373/4	11618-004.D	01/14/2015	12:50
4467	200-26247-10	11618-025.D	01/15/2015	05:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Lab File ID: 10468-001.D BFB Injection Date: 11/10/2014

Instrument ID: CHX.i BFB Injection Time: 14:08

Analysis Batch No.: 80238

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.9	
75	30.0 - 66.0% of mass 95	47.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.8	(0.9)1
174	50.0 - 120.0% of mass 95	87.0	
175	4.0 - 9.0 % of mass 174	6.3	(7.3)1
176	93.0 - 101.0% of mass 174	84.6	(97.2)1
177	5.0 - 9.0% of mass 176	5.4	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-80238/4	10468-004.D	11/10/2014	16:30
	IC 200-80238/5	10468-005.D	11/10/2014	17:16
	IC 200-80238/6	10468-006.D	11/10/2014	18:02
	IC 200-80238/7	10468-007.D	11/10/2014	18:48
	ICIS 200-80238/8	10468-008.D	11/10/2014	19:34
	IC 200-80238/9	10468-009.D	11/10/2014	20:21
	IC 200-80238/10	10468-010.D	11/10/2014	21:07
	IC 200-80238/11	10468-011.D	11/10/2014	21:54
	ICV 200-80238/14	10468-014.D	11/11/2014	00:16

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Lab File ID: 11618-001.D BFB Injection Date: 01/14/2015

Instrument ID: CHX.i BFB Injection Time: 10:28

Analysis Batch No.: 83373

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	19.4	
75	30.0 - 66.0% of mass 95	51.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.4	
173	Less than 2.0% of mass 174	0.9	(1.0)1
174	50.0 - 120.0% of mass 95	87.1	
175	4.0 - 9.0 % of mass 174	6.3	(7.3)1
176	93.0 - 101.0% of mass 174	85.5	(98.1)1
177	5.0 - 9.0% of mass 176	5.5	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-83373/2	11618-002.D	01/14/2015	11:17
	LCS 200-83373/3	11618-003.D	01/14/2015	12:04
	MB 200-83373/4	11618-004.D	01/14/2015	12:50
3404	200-26260-6	11618-026.D	01/15/2015	06:10

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Sample No.: ICIS 200-82265/8 Date Analyzed: 12/17/2014 17:48

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11193_008.d Heated Purge: (Y/N) N

Calibration ID: 29263

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		438555	12.85	2106995	14.73	1981097	20.41
UPPER LIMIT		613977	13.18	2949793	15.06	2773536	20.74
LOWER LIMIT		263133	12.52	1264197	14.40	1188658	20.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-82265/19		539326	12.82	2592656	14.71	2387475	20.40

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Sample No.: CCVIS 200-82774/4 Date Analyzed: 12/30/2014 11:23

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11372_004.d Heated Purge: (Y/N) N

Calibration ID: 29263

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		472297	12.84	2155815	14.72	1946458	20.40
UPPER LIMIT		661216	13.17	3018141	15.05	2725041	20.73
LOWER LIMIT		283378	12.51	1293489	14.39	1167875	20.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-82774/5		471580	12.83	2167899	14.71	1987542	20.40
MB 200-82774/6		452159	12.82	2128781	14.70	1839399	20.40
200-26088-1	4345	442639	12.82	2090627	14.70	1847456	20.40
200-26088-3	3372	371356	12.82	1770115	14.70	1593262	20.40
200-26088-6	4362	321020	12.82	1541302	14.70	1391847	20.40
200-26088-7	5027	398041	12.82	1868286	14.70	1645122	20.40
200-26088-9	5453	321736	12.83	1528147	14.71	1369925	20.40
200-26088-10	2681	309972	12.81	1478251	14.70	1324796	20.40
200-26088-11	5441	315877	12.82	1505301	14.70	1340334	20.40
200-26088-12	3523	304316	12.82	1438568	14.70	1286502	20.40

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Sample No.: ICIS 200-81966/17 Date Analyzed: 12/12/2014 10:37

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11064_17.D Heated Purge: (Y/N) N

Calibration ID: 29194

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		401736	10.25	2240521	12.25	2440570	18.41
UPPER LIMIT		562430	10.58	3136729	12.58	3416798	18.74
LOWER LIMIT		241042	9.92	1344313	11.92	1464342	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-81966/18		358704	10.25	1793277	12.25	2208438	18.41

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Sample No.: CCVIS 200-83372/2 Date Analyzed: 01/14/2015 11:26

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11617_02.D Heated Purge: (Y/N) N

Calibration ID: 29194

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		371656	10.23	1904227	12.23	1934377	18.38
UPPER LIMIT		520318	10.56	2665918	12.56	2708128	18.71
LOWER LIMIT		222994	9.90	1142536	11.90	1160626	18.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-83372/6		384385	10.23	2093678	12.23	2128487	18.38
MB 200-83372/7		362349	10.23	1976614	12.22	1952922	18.38
200-26192-4	4299	362184	10.23	2001859	12.22	1821627	18.38

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Sample No.: ICIS 200-82967/17 Date Analyzed: 01/06/2015 10:50

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11470_17.D Heated Purge: (Y/N) N

Calibration ID: 29435

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		280529	9.88	1382293	11.28	1324858	15.38
UPPER LIMIT		392741	10.21	1935210	11.61	1854801	15.71
LOWER LIMIT		168317	9.55	829376	10.95	794915	15.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-82967/18		280473	9.88	1357416	11.28	1214626	15.38

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Sample No.: CCVIS 200-83124/2 Date Analyzed: 01/08/2015 11:23

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11529_02.D Heated Purge: (Y/N) N

Calibration ID: 29435

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		234954	9.88	1170366	11.28	1086041	15.38
UPPER LIMIT		328936	10.21	1638512	11.61	1520457	15.71
LOWER LIMIT		140972	9.55	702220	10.95	651625	15.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-83124/3		259630	9.88	1224957	11.28	1120458	15.38
MB 200-83124/4		248357	9.87	1247675	11.28	1062733	15.38
200-26204-1	4442	242691	9.88	1302062	11.28	1126399	15.38

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Sample No.: ICIS 200-81966/17 Date Analyzed: 12/12/2014 10:37

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11064_17.D Heated Purge: (Y/N) N

Calibration ID: 29194

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		401736	10.25	2240521	12.25	2440570	18.41
UPPER LIMIT		562430	10.58	3136729	12.58	3416798	18.74
LOWER LIMIT		241042	9.92	1344313	11.92	1464342	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-81966/18		358704	10.25	1793277	12.25	2208438	18.41

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Sample No.: CCVIS 200-83338/2 Date Analyzed: 01/13/2015 16:13

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11602_02.D Heated Purge: (Y/N) N

Calibration ID: 29194

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		374017	10.23	1996965	12.23	2017830	18.38
UPPER LIMIT		523624	10.56	2795751	12.56	2824962	18.71
LOWER LIMIT		224410	9.90	1198179	11.90	1210698	18.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-83338/4		375293	10.23	1975637	12.23	1962282	18.38
MB 200-83338/5		367815	10.23	2007096	12.23	1950195	18.38
200-26209-10	5640	361458	10.23	1936061	12.23	1778590	18.38

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Sample No.: ICIS 200-80238/8 Date Analyzed: 11/10/2014 19:34

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 10468-008.D Heated Purge: (Y/N) N

Calibration ID: 28497

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		257851	10.35	1452216	12.35	1431920	18.56
UPPER LIMIT		360991	10.68	2033102	12.68	2004688	18.89
LOWER LIMIT		154711	10.02	871330	12.02	859152	18.23
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-80238/14		337903	10.35	2001600	12.35	1946488	18.56

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Sample No.: CCVIS 200-83373/2 Date Analyzed: 01/14/2015 11:17

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11618-002.D Heated Purge: (Y/N) N

Calibration ID: 28497

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		132892	10.34	769661	12.34	788515	18.54
UPPER LIMIT		186049	10.67	1077525	12.67	1103921	18.87
LOWER LIMIT		79735	10.01	461797	12.01	473109	18.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-83373/3		143010	10.33	842189	12.33	849650	18.54
MB 200-83373/4		143759	10.32	850210	12.32	848521	18.54
200-26247-10	4467	123309	10.32	720158	12.32	746323	18.54

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Sample No.: ICIS 200-80238/8 Date Analyzed: 11/10/2014 19:34

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 10468-008.D Heated Purge: (Y/N) N

Calibration ID: 28497

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		257851	10.35	1452216	12.35	1431920	18.56
UPPER LIMIT		360991	10.68	2033102	12.68	2004688	18.89
LOWER LIMIT		154711	10.02	871330	12.02	859152	18.23
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-80238/14		337903	10.35	2001600	12.35	1946488	18.56

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Sample No.: CCVIS 200-83373/2 Date Analyzed: 01/14/2015 11:17

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 11618-002.D Heated Purge: (Y/N) N

Calibration ID: 28497

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		132892	10.34	769661	12.34	788515	18.54
UPPER LIMIT		186049	10.67	1077525	12.67	1103921	18.87
LOWER LIMIT		79735	10.01	461797	12.01	473109	18.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-83373/3		143010	10.33	842189	12.33	849650	18.54
MB 200-83373/4		143759	10.32	850210	12.32	848521	18.54
200-26260-6	3404	126192	10.33	747959	12.32	768328	18.54

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 4345 Lab Sample ID: 200-26088-1

Matrix: Air Lab File ID: 11372_013.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2014 19:02

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 4345 Lab Sample ID: 200-26088-1

Matrix: Air Lab File ID: 11372_013.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2014 19:02

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 4345 Lab Sample ID: 200-26088-1

Matrix: Air Lab File ID: 11372_013.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2014 19:02

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_013.d
Lims ID: 200-26088-A-1 Lab Sample ID: 200-26088-1
Client ID: 4345
Sample Type: Client
Inject. Date: 30-Dec-2014 19:02:30 ALS Bottle#: 8 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011372-014
Misc. Info.: 26088-01
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 31-Dec-2014 09:32:44 Calib Date: 18-Dec-2014 09:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20141217-11193.b\11193_017.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: lyonsb Date: 31-Dec-2014 09:18:09

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.419				ND	
	2 Dichlorodifluoromethane	85		4.515				ND	
	6 Chlorodifluoromethane	51		4.579				ND	
	7 1,2-Dichloro-1,1,2,2-tetra	85		4.863				ND	
	8 Chloromethane	50		5.055				ND	
	9 Butane	43		5.317				ND	
	10 Vinyl chloride	62		5.371				ND	
	11 Butadiene	54		5.467				ND	
	12 Bromomethane	94		6.334				ND	
	14 Chloroethane	64		6.617				ND	
	16 Vinyl bromide	106		7.088				ND	
	17 Trichlorofluoromethane	101		7.206				ND	
	19 Ethanol	45		7.853				ND	
	23 1,1,2-Trichloro-1,2,2-trif	101		8.447				ND	
	24 1,1-Dichloroethene	96		8.522				ND	
	25 Acetone	43		8.757				ND	
	26 Carbon disulfide	76		9.003				ND	
	27 Isopropyl alcohol	45		9.068				ND	
	29 3-Chloro-1-propene	41		9.399				ND	
	31 Methylene Chloride	49		9.736				ND	
	32 2-Methyl-2-propanol	59		9.929				ND	
	33 Methyl tert-butyl ether	73		10.164				ND	
S	41 1,2-Dichloroethene, Total	61		10.200				ND	
	34 trans-1,2-Dichloroethene	61		10.228				ND	
	36 Hexane	57		10.640				ND	
	37 1,1-Dichloroethane	63		11.186				ND	
	38 Vinyl acetate	43		11.229				ND	
	39 cis-1,2-Dichloroethene	96		12.363				ND	
	40 2-Butanone (MEK)	72		12.374				ND	
	42 Ethyl acetate	88		12.395				ND	
*	43 Chlorobromomethane	128	12.818	12.839	-0.021	75	442639	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Tetrahydrofuran	42		12.839				ND	
45 Chloroform	83		12.951				ND	
46 Cyclohexane	84		13.246				ND	
47 1,1,1-Trichloroethane	97		13.256				ND	
48 Carbon tetrachloride	117		13.513				ND	
51 Isooctane	57		13.904				ND	
50 Benzene	78	13.946	13.963	-0.017	1	570	0.003412	
52 1,2-Dichloroethane	62		14.123				ND	
53 n-Heptane	43		14.251				ND	
* 54 1,4-Difluorobenzene	114	14.701	14.717	-0.016	92	2090627	10.0	
56 Trichloroethene	95		15.182				ND	
58 1,2-Dichloropropane	63		15.701				ND	
59 Methyl methacrylate	69		15.787				ND	
60 1,4-Dioxane	88		15.878				ND	
61 Dibromomethane	174		15.947				ND	
62 Dichlorobromomethane	83		16.193				ND	
64 cis-1,3-Dichloropropene	75		17.055				ND	
65 4-Methyl-2-pentanone (MIBK	43		17.279				ND	
66 Toluene	92	17.611	17.622	-0.011	1	197	0.001600	
70 trans-1,3-Dichloropropene	75		18.157				ND	
71 1,1,2-Trichloroethane	83		18.526				ND	
72 Tetrachloroethene	166		18.665				ND	
73 2-Hexanone	43		18.906				ND	
74 Chlorodibromomethane	129		19.280				ND	
75 Ethylene Dibromide	107		19.564				ND	
S 82 Xylenes, Total	106		20.100				ND	
* 76 Chlorobenzene-d5	117	20.398	20.404	-0.006	81	1847456	10.0	
77 Chlorobenzene	112		20.462				ND	
78 Ethylbenzene	91		20.575				ND	
80 m-Xylene & p-Xylene	106		20.794				ND	
83 o-Xylene	106		21.506				ND	
84 Styrene	104		21.543				ND	
85 Bromoform	173		21.928				ND	
86 Isopropylbenzene	105		22.073				ND	
$ 87 4-Bromofluorobenzene	95	22.404	22.410	-0.006	96	1030244	NC	
88 1,1,2,2-Tetrachloroethane	83		22.634				ND	
90 N-Propylbenzene	91		22.704				ND	
91 4-Ethyltoluene	105		22.875				ND	
92 2-Chlorotoluene	91		22.907				ND	
94 1,3,5-Trimethylbenzene	105		22.966				ND	
96 tert-Butylbenzene	119		23.437				ND	
97 1,2,4-Trimethylbenzene	105		23.533				ND	
98 sec-Butylbenzene	105		23.769				ND	
99 4-Isopropyltoluene	119		23.972				ND	
100 1,3-Dichlorobenzene	146		24.041				ND	
101 1,4-Dichlorobenzene	146		24.186				ND	
102 Benzyl chloride	91		24.394				ND	
103 n-Butylbenzene	91		24.603				ND	
105 1,2-Dichlorobenzene	146		24.790				ND	
107 1,2,4-Trichlorobenzene	180		27.663				ND	
108 Hexachlorobutadiene	225		27.861				ND	
109 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

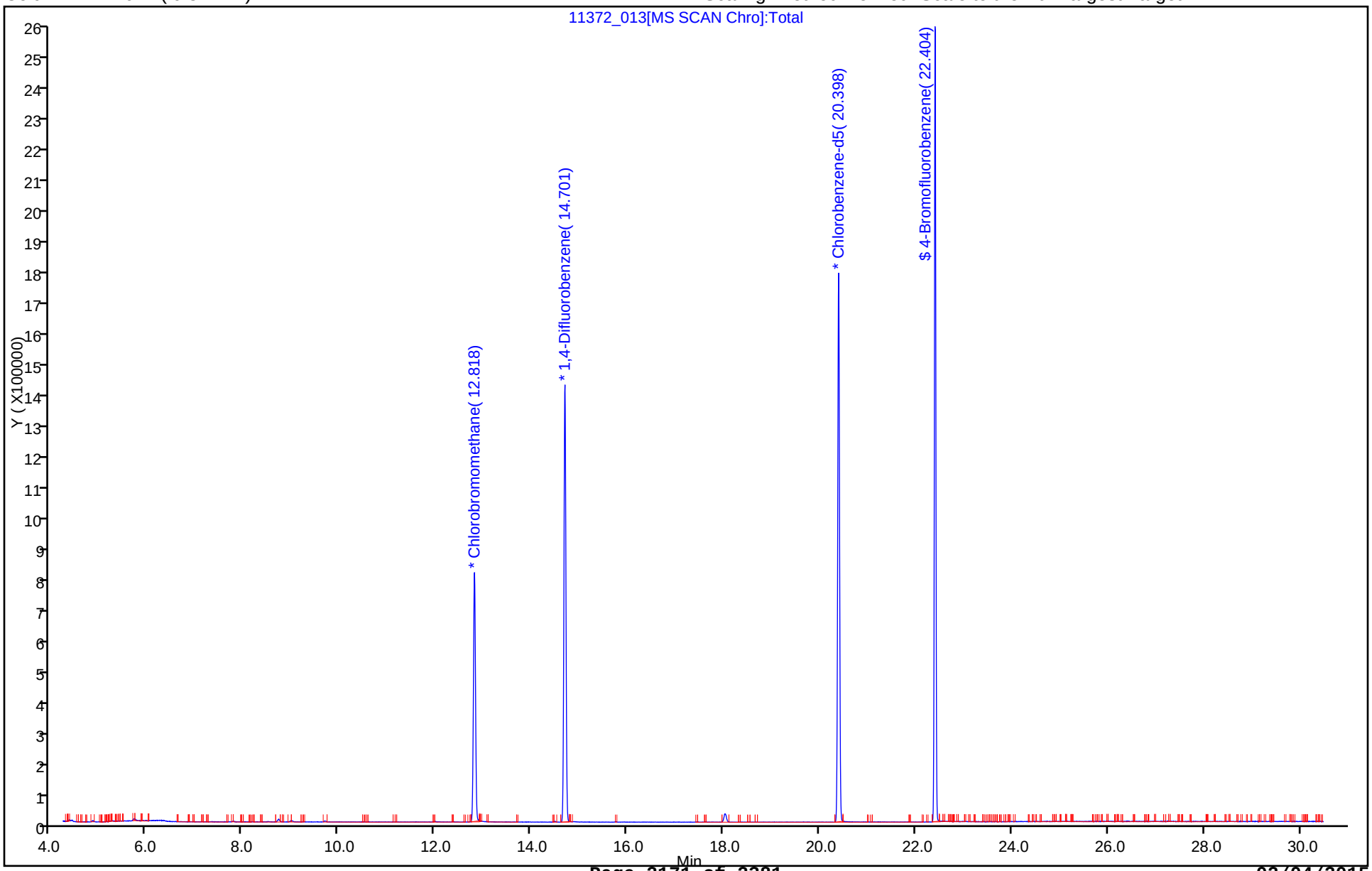
Report Date: 31-Dec-2014 09:33:31 Chrom Revision: 2.2 06-Nov-2014 14:50:32

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_013.d

Injection Date:	30-Dec-2014 19:02:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	200-26088-A-1	Lab Sample ID:	200-26088-1	Worklist Smp#:	14
Client ID:	4345				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	8
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 3372 Lab Sample ID: 200-26088-3

Matrix: Air Lab File ID: 11372_015.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2014 21:17

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 3372 Lab Sample ID: 200-26088-3

Matrix: Air Lab File ID: 11372_015.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2014 21:17

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 3372 Lab Sample ID: 200-26088-3

Matrix: Air Lab File ID: 11372_015.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2014 21:17

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_015.d
Lims ID: 200-26088-A-3 Lab Sample ID: 200-26088-3
Client ID: 3372
Sample Type: Client
Inject. Date: 30-Dec-2014 21:17:30 ALS Bottle#: 10 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011372-016
Misc. Info.: 26088-03
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 31-Dec-2014 09:32:44 Calib Date: 18-Dec-2014 09:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20141217-11193.b\11193_017.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: lyonsb Date: 31-Dec-2014 09:18:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	4.386	4.419	-0.033	93	8646	0.2905	
2 Dichlorodifluoromethane	85		4.515				ND	
6 Chlorodifluoromethane	51		4.579				ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		4.863				ND	
8 Chloromethane	50		5.055				ND	
9 Butane	43		5.317				ND	
10 Vinyl chloride	62		5.371				ND	
11 Butadiene	54		5.467				ND	
12 Bromomethane	94		6.334				ND	
14 Chloroethane	64		6.617				ND	
16 Vinyl bromide	106		7.088				ND	
17 Trichlorofluoromethane	101		7.206				ND	
19 Ethanol	45		7.853				ND	
23 1,1,2-Trichloro-1,2,2-trif	101		8.447				ND	
24 1,1-Dichloroethene	96		8.522				ND	
25 Acetone	43		8.757				ND	
26 Carbon disulfide	76		9.003				ND	
27 Isopropyl alcohol	45		9.068				ND	
29 3-Chloro-1-propene	41		9.399				ND	
31 Methylene Chloride	49		9.736				ND	
32 2-Methyl-2-propanol	59		9.929				ND	
33 Methyl tert-butyl ether	73		10.164				ND	
S 41 1,2-Dichloroethene, Total	61		10.200				ND	
34 trans-1,2-Dichloroethene	61		10.228				ND	
36 Hexane	57	10.630	10.640	-0.010	4	539	0.008354	
37 1,1-Dichloroethane	63		11.186				ND	
38 Vinyl acetate	43		11.229				ND	
39 cis-1,2-Dichloroethene	96		12.363				ND	
40 2-Butanone (MEK)	72		12.374				ND	
42 Ethyl acetate	88		12.395				ND	
* 43 Chlorobromomethane	128	12.818	12.839	-0.021	76	371356	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Tetrahydrofuran	42		12.839				ND	
45 Chloroform	83		12.951				ND	
46 Cyclohexane	84		13.246				ND	
47 1,1,1-Trichloroethane	97		13.256				ND	
48 Carbon tetrachloride	117		13.513				ND	
51 Isooctane	57		13.904				ND	
50 Benzene	78	13.957	13.963	-0.006	1	176	0.001244	
52 1,2-Dichloroethane	62		14.123				ND	
53 n-Heptane	43	14.235	14.251	-0.016	1	204	0.002791	
* 54 1,4-Difluorobenzene	114	14.701	14.717	-0.016	92	1770115	10.0	
56 Trichloroethene	95		15.182				ND	
58 1,2-Dichloropropane	63		15.701				ND	
59 Methyl methacrylate	69		15.787				ND	
60 1,4-Dioxane	88		15.878				ND	
61 Dibromomethane	174		15.947				ND	
62 Dichlorobromomethane	83		16.193				ND	
64 cis-1,3-Dichloropropene	75		17.055				ND	
65 4-Methyl-2-pentanone (MIBK	43		17.279				ND	
66 Toluene	92	17.611	17.622	-0.011	1	279	0.002628	
70 trans-1,3-Dichloropropene	75		18.157				ND	
71 1,1,2-Trichloroethane	83		18.526				ND	
72 Tetrachloroethene	166		18.665				ND	
73 2-Hexanone	43		18.906				ND	
74 Chlorodibromomethane	129		19.280				ND	
75 Ethylene Dibromide	107		19.564				ND	
S 82 Xylenes, Total	106		20.100				ND	
* 76 Chlorobenzene-d5	117	20.398	20.404	-0.006	83	1593262	10.0	
77 Chlorobenzene	112		20.462				ND	
78 Ethylbenzene	91	20.569	20.575	-0.006	1	151	0.000676	
80 m-Xylene & p-Xylene	106		20.794				ND	
83 o-Xylene	106		21.506				ND	
84 Styrene	104		21.543				ND	
85 Bromoform	173		21.928				ND	
86 Isopropylbenzene	105		22.073				ND	
$ 87 4-Bromofluorobenzene	95	22.404	22.410	-0.006	96	907266	NC	
88 1,1,2,2-Tetrachloroethane	83		22.634				ND	
90 N-Propylbenzene	91		22.704				ND	
91 4-Ethyltoluene	105		22.875				ND	
92 2-Chlorotoluene	91		22.907				ND	
94 1,3,5-Trimethylbenzene	105		22.966				ND	
96 tert-Butylbenzene	119		23.437				ND	
97 1,2,4-Trimethylbenzene	105		23.533				ND	
98 sec-Butylbenzene	105		23.769				ND	
99 4-Isopropyltoluene	119		23.972				ND	
100 1,3-Dichlorobenzene	146		24.041				ND	
101 1,4-Dichlorobenzene	146		24.186				ND	
102 Benzyl chloride	91		24.394				ND	
103 n-Butylbenzene	91		24.603				ND	
105 1,2-Dichlorobenzene	146		24.790				ND	
107 1,2,4-Trichlorobenzene	180		27.663				ND	
108 Hexachlorobutadiene	225		27.861				ND	
109 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

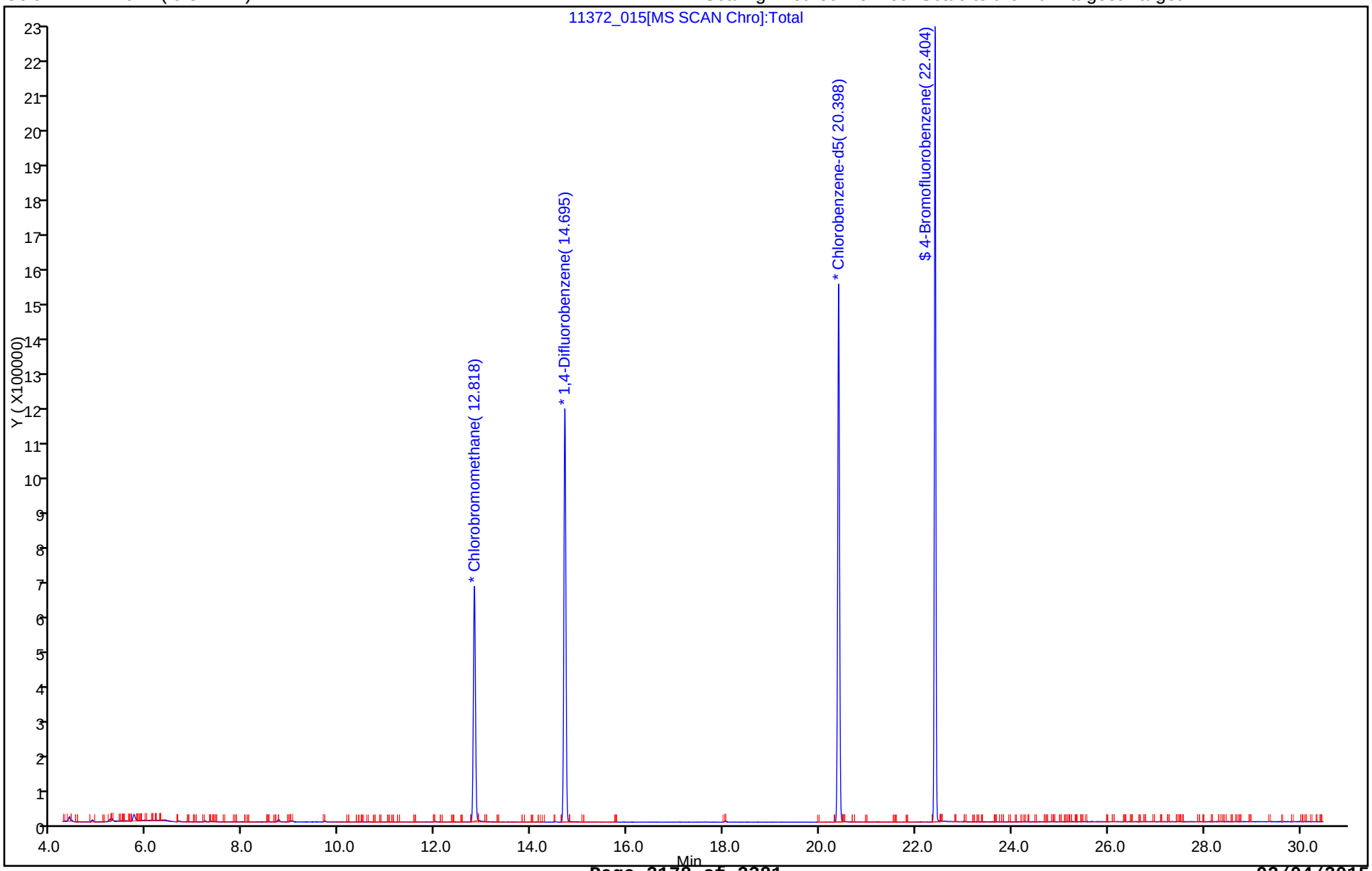
Report Date: 31-Dec-2014 09:33:32 Chrom Revision: 2.2 06-Nov-2014 14:50:32

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_015.d

Injection Date:	30-Dec-2014 21:17:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	200-26088-A-3	Lab Sample ID:	200-26088-3	Worklist Smp#:	16
Client ID:	3372				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	10
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 4362 Lab Sample ID: 200-26088-6

Matrix: Air Lab File ID: 11372_018.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 00:38

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26088-1

SDG No.:

Client Sample ID: 4362 | Lab Sample ID: 200-26088-6

Matrix: Air | Lab File ID: 11372_018.d

Analysis Method: TO-15 | Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 12/31/2014 00:38

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82774 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 4362 Lab Sample ID: 200-26088-6

Matrix: Air Lab File ID: 11372_018.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 00:38

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_018.d
Lims ID: 200-26088-A-6 Lab Sample ID: 200-26088-6
Client ID: 4362
Sample Type: Client
Inject. Date: 31-Dec-2014 00:38:30 ALS Bottle#: 13 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011372-019
Misc. Info.: 26088-06
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 31-Dec-2014 09:33:47 Calib Date: 18-Dec-2014 09:40:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20141217-11193.b\11193_017.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: lyonsb Date: 31-Dec-2014 09:33:27

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41	4.387	4.419	-0.032	95	14500	0.5636	
2	Dichlorodifluoromethane	85		4.515				ND	
6	Chlorodifluoromethane	51		4.579				ND	
7	1,2-Dichloro-1,1,2,2-tetra	85		4.863				ND	
8	Chloromethane	50		5.055				ND	
9	Butane	43		5.317				ND	
10	Vinyl chloride	62		5.371				ND	
11	Butadiene	54		5.467				ND	
12	Bromomethane	94		6.334				ND	
14	Chloroethane	64		6.617				ND	
16	Vinyl bromide	106		7.088				ND	
17	Trichlorofluoromethane	101		7.206				ND	
19	Ethanol	45		7.853				ND	
23	1,1,2-Trichloro-1,2,2-trif	101		8.447				ND	
24	1,1-Dichloroethene	96		8.522				ND	
25	Acetone	43		8.757				ND	
26	Carbon disulfide	76	8.977	9.003	-0.026	98	19319	0.1958	
27	Isopropyl alcohol	45		9.068				ND	
29	3-Chloro-1-propene	41		9.399				ND	
31	Methylene Chloride	49		9.736				ND	
32	2-Methyl-2-propanol	59		9.929				ND	
33	Methyl tert-butyl ether	73		10.164				ND	
34	trans-1,2-Dichloroethene	61		10.228				ND	
S 41	1,2-Dichloroethene, Total	61		10.200				ND	
36	Hexane	57	10.614	10.640	-0.026	89	1559	0.0280	
37	1,1-Dichloroethane	63		11.186				ND	
38	Vinyl acetate	43		11.229				ND	
39	cis-1,2-Dichloroethene	96		12.363				ND	
40	2-Butanone (MEK)	72		12.374				ND	
42	Ethyl acetate	88		12.395				ND	
44	Tetrahydrofuran	42		12.839				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 43 Chlorobromomethane	128	12.818	12.839	-0.021	77	321020	10.0	
45 Chloroform	83		12.951				ND	
46 Cyclohexane	84		13.246				ND	
47 1,1,1-Trichloroethane	97		13.256				ND	
48 Carbon tetrachloride	117		13.513				ND	
51 Isooctane	57		13.904				ND	
50 Benzene	78	13.957	13.963	-0.006	1	740	0.006008	
52 1,2-Dichloroethane	62		14.123				ND	
53 n-Heptane	43	14.219	14.251	-0.032	1	615	0.009662	
* 54 1,4-Difluorobenzene	114	14.701	14.717	-0.016	92	1541302	10.0	
56 Trichloroethene	95		15.182				ND	
58 1,2-Dichloropropane	63		15.701				ND	
59 Methyl methacrylate	69		15.787				ND	
60 1,4-Dioxane	88		15.878				ND	
61 Dibromomethane	174		15.947				ND	
62 Dichlorobromomethane	83		16.193				ND	
64 cis-1,3-Dichloropropene	75		17.055				ND	
65 4-Methyl-2-pentanone (MIBK	43		17.279				ND	
66 Toluene	92	17.600	17.622	-0.022	88	380	0.004097	
70 trans-1,3-Dichloropropene	75		18.157				ND	
71 1,1,2-Trichloroethane	83		18.526				ND	
72 Tetrachloroethene	166		18.665				ND	
73 2-Hexanone	43		18.906				ND	
74 Chlorodibromomethane	129		19.280				ND	
75 Ethylene Dibromide	107		19.564				ND	
S 82 Xylenes, Total	106				0		0.005174	
* 76 Chlorobenzene-d5	117	20.398	20.404	-0.006	81	1391847	10.0	
77 Chlorobenzene	112		20.462				ND	
78 Ethylbenzene	91	20.569	20.575	-0.006	1	335	0.001718	
80 m-Xylene & p-Xylene	106	20.789	20.794	-0.005	1	434	0.005174	
83 o-Xylene	106		21.506				ND	
84 Styrene	104		21.543				ND	
85 Bromoform	173		21.928				ND	
86 Isopropylbenzene	105		22.073				ND	
$ 87 4-Bromofluorobenzene	95	22.404	22.410	-0.006	96	788457	NC	
88 1,1,2,2-Tetrachloroethane	83		22.634				ND	
90 N-Propylbenzene	91		22.704				ND	
91 4-Ethyltoluene	105		22.875				ND	
92 2-Chlorotoluene	91		22.907				ND	
94 1,3,5-Trimethylbenzene	105		22.966				ND	
96 tert-Butylbenzene	119		23.437				ND	
97 1,2,4-Trimethylbenzene	105		23.533				ND	
98 sec-Butylbenzene	105		23.769				ND	
99 4-Isopropyltoluene	119		23.972				ND	
100 1,3-Dichlorobenzene	146		24.041				ND	
101 1,4-Dichlorobenzene	146		24.186				ND	
102 Benzyl chloride	91		24.394				ND	
103 n-Butylbenzene	91		24.603				ND	
105 1,2-Dichlorobenzene	146		24.790				ND	
107 1,2,4-Trichlorobenzene	180		27.663				ND	
108 Hexachlorobutadiene	225		27.861				ND	
109 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

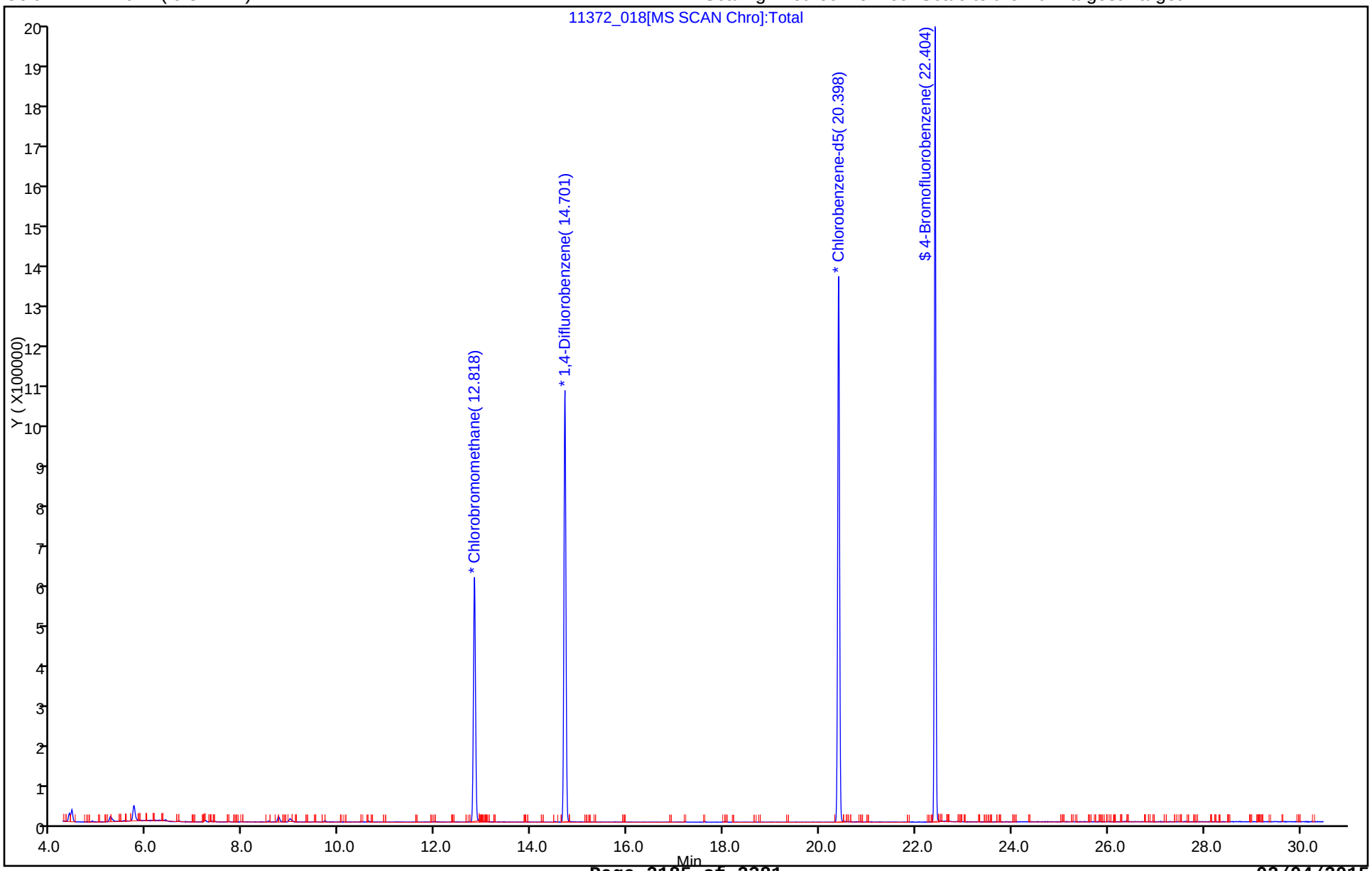
Report Date: 31-Dec-2014 09:34:47 Chrom Revision: 2.2 06-Nov-2014 14:50:32

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_018.d

Injection Date:	31-Dec-2014 00:38:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	200-26088-A-6	Lab Sample ID:	200-26088-6	Worklist Smp#:	19
Client ID:	4362				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	13
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26088-1

SDG No.:

Client Sample ID: 5027 | Lab Sample ID: 200-26088-7

Matrix: Air | Lab File ID: 11372_027.d

Analysis Method: TO-15 | Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 12/31/2014 02:34

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82774 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26088-1

SDG No.:

Client Sample ID: 5027 | Lab Sample ID: 200-26088-7

Matrix: Air | Lab File ID: 11372_027.d

Analysis Method: TO-15 | Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 12/31/2014 02:34

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82774 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 5027 Lab Sample ID: 200-26088-7

Matrix: Air Lab File ID: 11372_027.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 02:34

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_027.d
Lims ID: 200-26088-A-7 Lab Sample ID: 200-26088-7
Client ID: 5027
Sample Type: Client
Inject. Date: 31-Dec-2014 02:34:30 ALS Bottle#: 5 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011372-020
Misc. Info.: 26088-07
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 31-Dec-2014 09:32:44 Calib Date: 18-Dec-2014 09:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20141217-11193.b\11193_017.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: lyonsb Date: 31-Dec-2014 09:21:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	4.392	4.419	-0.027	95	9760	0.3060	
2 Dichlorodifluoromethane	85		4.515				ND	
6 Chlorodifluoromethane	51		4.579				ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		4.863				ND	
8 Chloromethane	50		5.055				ND	
9 Butane	43		5.317				ND	
10 Vinyl chloride	62		5.371				ND	
11 Butadiene	54		5.467				ND	
12 Bromomethane	94		6.334				ND	
14 Chloroethane	64		6.617				ND	
16 Vinyl bromide	106		7.088				ND	
17 Trichlorofluoromethane	101		7.206				ND	
19 Ethanol	45		7.853				ND	
23 1,1,2-Trichloro-1,2,2-trif	101		8.447				ND	
24 1,1-Dichloroethene	96		8.522				ND	
25 Acetone	43		8.757				ND	
26 Carbon disulfide	76	8.982	9.003	-0.021	98	21593	0.1765	
27 Isopropyl alcohol	45		9.068				ND	
29 3-Chloro-1-propene	41		9.399				ND	
31 Methylene Chloride	49		9.736				ND	
32 2-Methyl-2-propanol	59		9.929				ND	
33 Methyl tert-butyl ether	73	10.164	10.164	0.000	1	416	0.003227	
S 41 1,2-Dichloroethene, Total	61		10.200				ND	
34 trans-1,2-Dichloroethene	61		10.228				ND	
36 Hexane	57	10.608	10.640	-0.032	14	535	0.007736	
37 1,1-Dichloroethane	63		11.186				ND	
38 Vinyl acetate	43		11.229				ND	
39 cis-1,2-Dichloroethene	96		12.363				ND	
40 2-Butanone (MEK)	72		12.374				ND	
42 Ethyl acetate	88		12.395				ND	
* 43 Chlorobromomethane	128	12.823	12.839	-0.016	75	398041	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Tetrahydrofuran	42		12.839				ND	
45 Chloroform	83		12.951				ND	
46 Cyclohexane	84		13.246				ND	
47 1,1,1-Trichloroethane	97		13.256				ND	
48 Carbon tetrachloride	117		13.513				ND	
51 Isooctane	57		13.904				ND	
50 Benzene	78	13.941	13.963	-0.022	1	706	0.004729	
52 1,2-Dichloroethane	62		14.123				ND	
53 n-Heptane	43	14.235	14.251	-0.016	1	712	0.009228	
* 54 1,4-Difluorobenzene	114	14.701	14.717	-0.016	92	1868286	10.0	
56 Trichloroethene	95		15.182				ND	
58 1,2-Dichloropropane	63		15.701				ND	
59 Methyl methacrylate	69		15.787				ND	
60 1,4-Dioxane	88		15.878				ND	
61 Dibromomethane	174		15.947				ND	
62 Dichlorobromomethane	83		16.193				ND	
64 cis-1,3-Dichloropropene	75		17.055				ND	
65 4-Methyl-2-pentanone (MIBK	43		17.279				ND	
66 Toluene	92	17.611	17.622	-0.011	92	912	0.008319	
70 trans-1,3-Dichloropropene	75		18.157				ND	
71 1,1,2-Trichloroethane	83		18.526				ND	
72 Tetrachloroethene	166		18.665				ND	
73 2-Hexanone	43		18.906				ND	
74 Chlorodibromomethane	129		19.280				ND	
75 Ethylene Dibromide	107		19.564				ND	
S 82 Xylenes, Total	106				0		0.0205	
* 76 Chlorobenzene-d5	117	20.398	20.404	-0.006	81	1645122	10.0	
77 Chlorobenzene	112	20.463	20.462	0.001	1	2474	0.0159	
78 Ethylbenzene	91	20.580	20.575	0.005	87	1011	0.004386	
80 m-Xylene & p-Xylene	106	20.789	20.794	-0.005	95	1698	0.0171	
83 o-Xylene	106	21.490	21.506	-0.016	1	340	0.003366	
84 Styrene	104		21.543				ND	
85 Bromoform	173		21.928				ND	
86 Isopropylbenzene	105		22.073				ND	
$ 87 4-Bromofluorobenzene	95	22.404	22.410	-0.006	96	935340	NC	
88 1,1,2,2-Tetrachloroethane	83		22.634				ND	
90 N-Propylbenzene	91		22.704				ND	
91 4-Ethyltoluene	105		22.875				ND	
92 2-Chlorotoluene	91	22.907	22.907	0.000	89	2885	0.0132	
94 1,3,5-Trimethylbenzene	105	22.972	22.966	0.006	4	2504	0.0110	7
96 tert-Butylbenzene	119		23.437				ND	
97 1,2,4-Trimethylbenzene	105		23.533				ND	
98 sec-Butylbenzene	105		23.769				ND	
99 4-Isopropyltoluene	119		23.972				ND	
100 1,3-Dichlorobenzene	146	24.036	24.041	-0.005	94	4474	0.0256	
101 1,4-Dichlorobenzene	146	24.186	24.186	0.000	97	5434	0.0314	
102 Benzyl chloride	91		24.394				ND	
103 n-Butylbenzene	91		24.603				ND	
105 1,2-Dichlorobenzene	146	24.790	24.790	0.000	91	3815	0.0227	
107 1,2,4-Trichlorobenzene	180	27.663	27.663	0.000	92	4829	0.0370	
108 Hexachlorobutadiene	225	27.877	27.861	0.016	68	4002	0.0311	
109 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

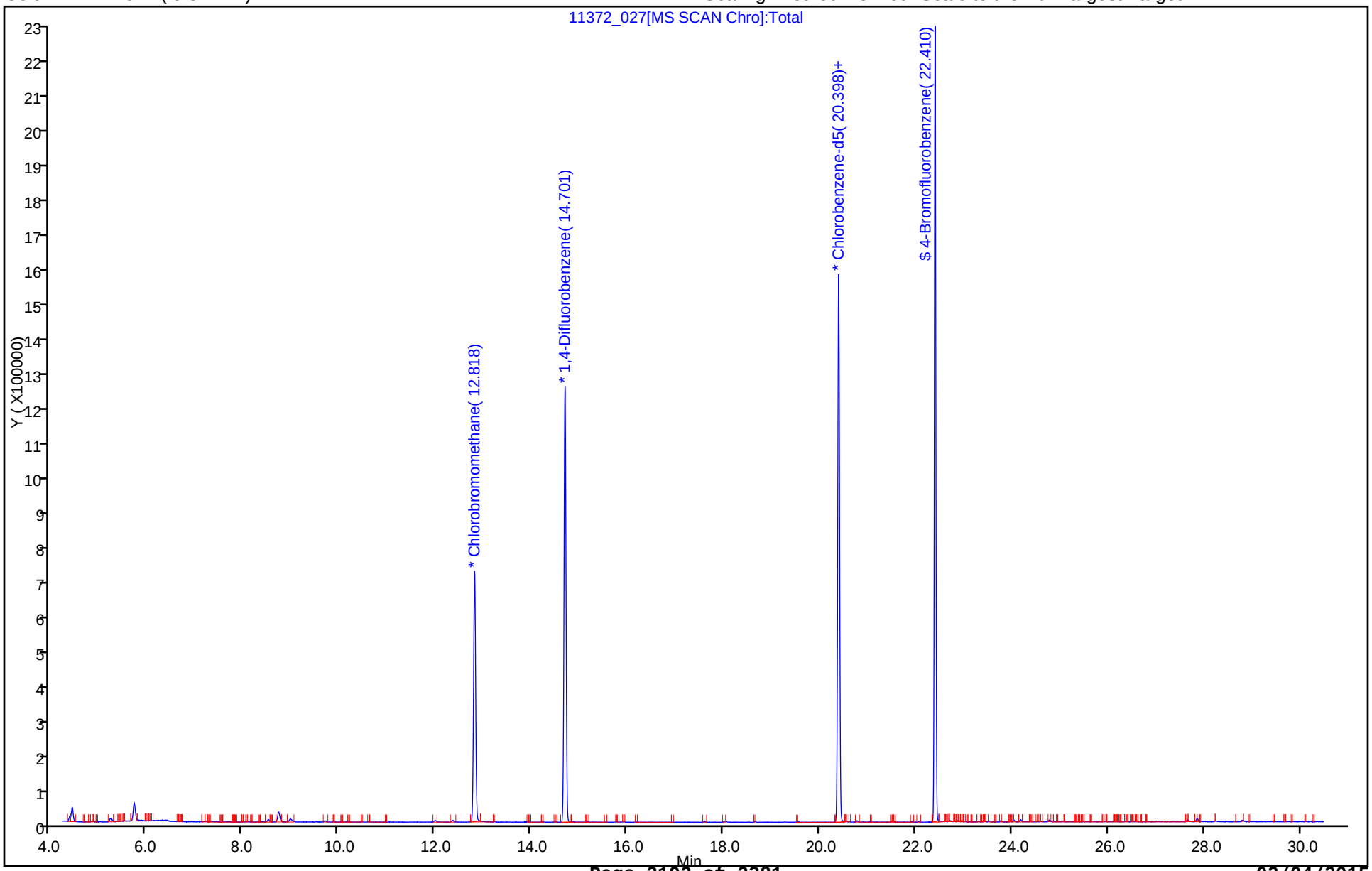
Report Date: 31-Dec-2014 09:33:38 Chrom Revision: 2.2 06-Nov-2014 14:50:32

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_027.d

Injection Date:	31-Dec-2014 02:34:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	200-26088-A-7	Lab Sample ID:	200-26088-7	Worklist Smp#:	20
Client ID:	5027				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 5453 Lab Sample ID: 200-26088-9

Matrix: Air Lab File ID: 11372_021.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 04:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 5453 Lab Sample ID: 200-26088-9

Matrix: Air Lab File ID: 11372_021.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 04:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 5453 Lab Sample ID: 200-26088-9

Matrix: Air Lab File ID: 11372_021.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 04:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_021.d
Lims ID: 200-26088-A-9 Lab Sample ID: 200-26088-9
Client ID: 5453
Sample Type: Client
Inject. Date: 31-Dec-2014 04:48:30 ALS Bottle#: 16 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011372-022
Misc. Info.: 26088-09
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 31-Dec-2014 09:32:44 Calib Date: 18-Dec-2014 09:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20141217-11193.b\11193_017.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: lyonsb Date: 31-Dec-2014 09:30:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.419				ND	
2 Dichlorodifluoromethane	85		4.515				ND	
6 Chlorodifluoromethane	51		4.579				ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		4.863				ND	
8 Chloromethane	50		5.055				ND	
9 Butane	43		5.317				ND	
10 Vinyl chloride	62		5.371				ND	
11 Butadiene	54		5.467				ND	
12 Bromomethane	94		6.334				ND	
14 Chloroethane	64		6.617				ND	
16 Vinyl bromide	106		7.088				ND	
17 Trichlorofluoromethane	101		7.206				ND	
19 Ethanol	45		7.853				ND	
23 1,1,2-Trichloro-1,2,2-trif	101		8.447				ND	
24 1,1-Dichloroethene	96		8.522				ND	
25 Acetone	43		8.757				ND	
26 Carbon disulfide	76	8.993	9.003	-0.010	98	15340	0.1551	M
27 Isopropyl alcohol	45		9.068				ND	
29 3-Chloro-1-propene	41		9.399				ND	
31 Methylene Chloride	49		9.736				ND	
32 2-Methyl-2-propanol	59		9.929				ND	
33 Methyl tert-butyl ether	73		10.164				ND	
S 41 1,2-Dichloroethene, Total	61		10.200				ND	
34 trans-1,2-Dichloroethene	61		10.228				ND	
36 Hexane	57		10.640				ND	
37 1,1-Dichloroethane	63		11.186				ND	
38 Vinyl acetate	43		11.229				ND	
39 cis-1,2-Dichloroethene	96		12.363				ND	
40 2-Butanone (MEK)	72		12.374				ND	
42 Ethyl acetate	88		12.395				ND	
* 43 Chlorobromomethane	128	12.828	12.839	-0.011	76	321736	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Tetrahydrofuran	42		12.839				ND	
45 Chloroform	83		12.951				ND	
46 Cyclohexane	84		13.246				ND	
47 1,1,1-Trichloroethane	97		13.256				ND	
48 Carbon tetrachloride	117		13.513				ND	
51 Isooctane	57		13.904				ND	
50 Benzene	78	13.952	13.963	-0.011	1	559	0.004577	
52 1,2-Dichloroethane	62		14.123				ND	
53 n-Heptane	43		14.251				ND	
* 54 1,4-Difluorobenzene	114	14.712	14.717	-0.005	92	1528147	10.0	
56 Trichloroethene	95		15.182				ND	
58 1,2-Dichloropropane	63		15.701				ND	
59 Methyl methacrylate	69		15.787				ND	
60 1,4-Dioxane	88		15.878				ND	
61 Dibromomethane	174		15.947				ND	
62 Dichlorobromomethane	83		16.193				ND	
64 cis-1,3-Dichloropropene	75		17.055				ND	
65 4-Methyl-2-pentanone (MIBK	43		17.279				ND	
66 Toluene	92	17.627	17.622	0.005	1	210	0.002300	
70 trans-1,3-Dichloropropene	75		18.157				ND	
71 1,1,2-Trichloroethane	83		18.526				ND	
72 Tetrachloroethene	166		18.665				ND	
73 2-Hexanone	43		18.906				ND	
74 Chlorodibromomethane	129		19.280				ND	
75 Ethylene Dibromide	107		19.564				ND	
S 82 Xylenes, Total	106		20.100				ND	
* 76 Chlorobenzene-d5	117	20.404	20.404	0.000	81	1369925	10.0	
77 Chlorobenzene	112		20.462				ND	
78 Ethylbenzene	91	20.575	20.575	0.000	1	386	0.002011	
80 m-Xylene & p-Xylene	106		20.794				ND	
83 o-Xylene	106		21.506				ND	
84 Styrene	104		21.543				ND	
85 Bromoform	173		21.928				ND	
86 Isopropylbenzene	105		22.073				ND	
$ 87 4-Bromofluorobenzene	95	22.410	22.410	0.000	96	777385	NC	
88 1,1,2,2-Tetrachloroethane	83		22.634				ND	
90 N-Propylbenzene	91		22.704				ND	
91 4-Ethyltoluene	105		22.875				ND	
92 2-Chlorotoluene	91		22.907				ND	
94 1,3,5-Trimethylbenzene	105		22.966				ND	
96 tert-Butylbenzene	119		23.437				ND	
97 1,2,4-Trimethylbenzene	105		23.533				ND	
98 sec-Butylbenzene	105		23.769				ND	
99 4-Isopropyltoluene	119		23.972				ND	
100 1,3-Dichlorobenzene	146		24.041				ND	
101 1,4-Dichlorobenzene	146		24.186				ND	
102 Benzyl chloride	91		24.394				ND	
103 n-Butylbenzene	91		24.603				ND	
105 1,2-Dichlorobenzene	146		24.790				ND	
107 1,2,4-Trichlorobenzene	180		27.663				ND	
108 Hexachlorobutadiene	225		27.861				ND	
109 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

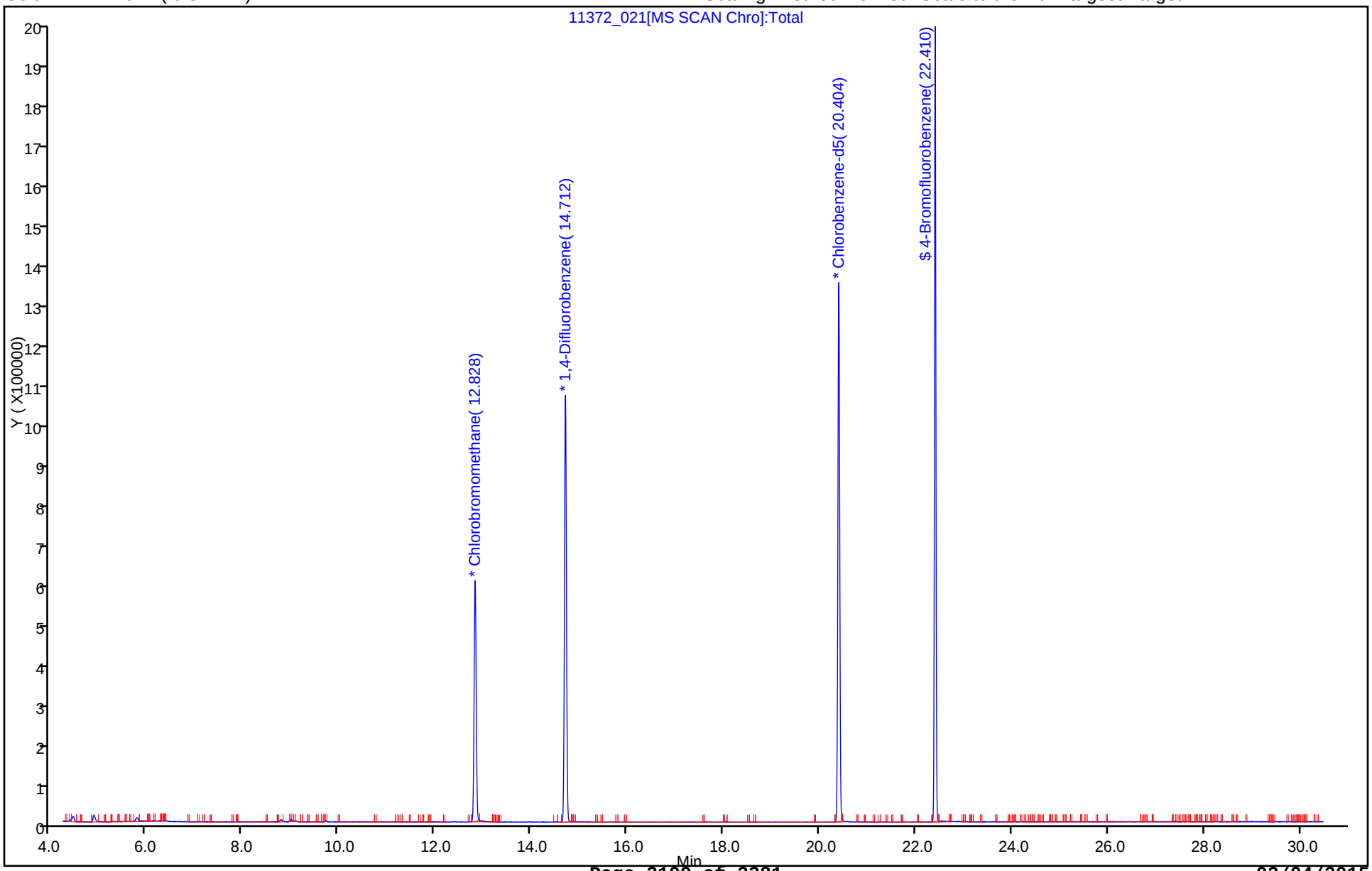
Report Date: 31-Dec-2014 09:33:40 Chrom Revision: 2.2 06-Nov-2014 14:50:32

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_021.d

Injection Date:	31-Dec-2014 04:48:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	200-26088-A-9	Lab Sample ID:	200-26088-9	Worklist Smp#:	22
Client ID:	5453				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	16
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

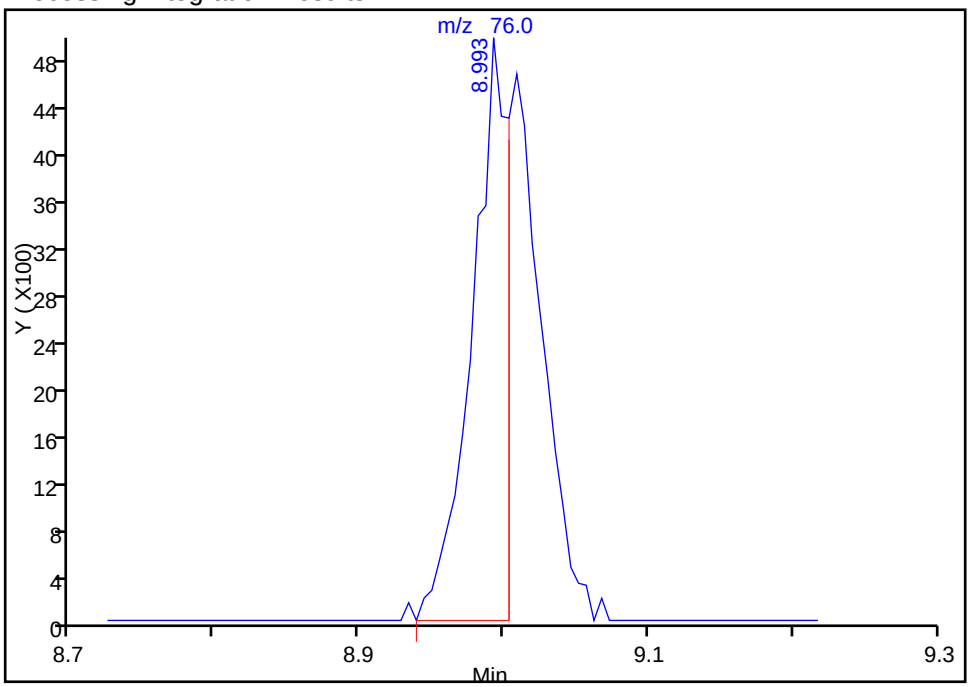
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_021.d				
Injection Date:	31-Dec-2014 04:48:30	Instrument ID:	CHW.i		
Lims ID:	200-26088-A-9	Lab Sample ID:	200-26088-9		
Client ID:	5453				
Operator ID:	bpl	ALS Bottle#:	16	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 Carbon disulfide, CAS: 75-15-0

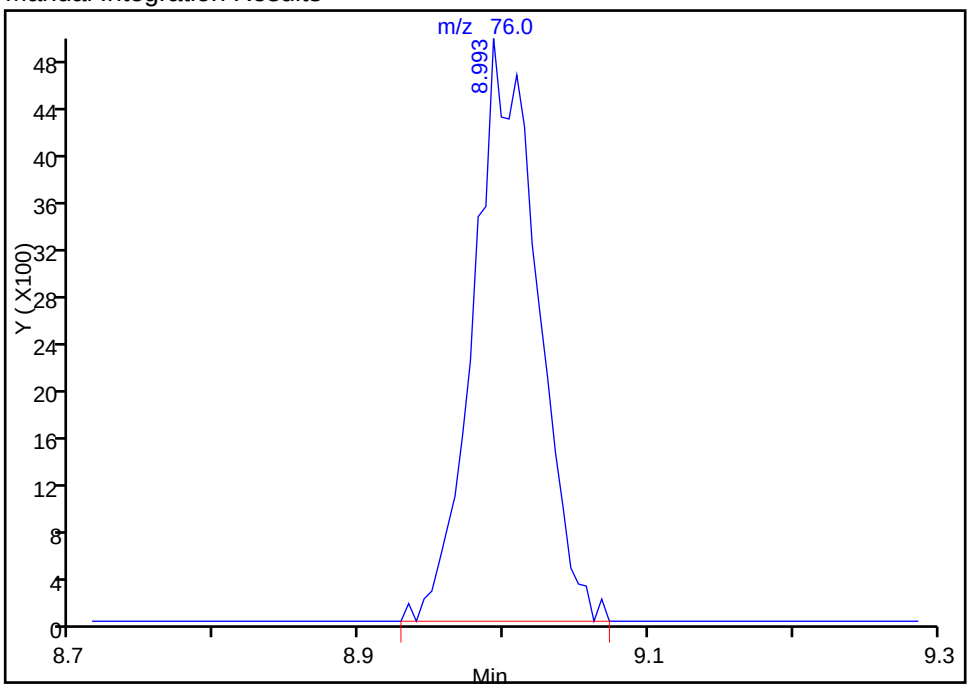
Processing Integration Results

RT: 8.99
Response: 8724
Amount: 0.088233



Manual Integration Results

RT: 8.99
Response: 15340
Amount: 0.155147



Reviewer: lyonsb, 31-Dec-2014 09:30:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 2681 Lab Sample ID: 200-26088-10

Matrix: Air Lab File ID: 11372_022.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 05:53

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 2681 Lab Sample ID: 200-26088-10

Matrix: Air Lab File ID: 11372_022.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 05:53

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 2681 Lab Sample ID: 200-26088-10

Matrix: Air Lab File ID: 11372_022.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 05:53

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_022.d
Lims ID: 200-26088-A-10 Lab Sample ID: 200-26088-10
Client ID: 2681
Sample Type: Client
Inject. Date: 31-Dec-2014 05:53:30 ALS Bottle#: 1 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011372-023
Misc. Info.: 26088-10
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 31-Dec-2014 09:32:44 Calib Date: 18-Dec-2014 09:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20141217-11193.b\11193_017.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: lyonsb Date: 31-Dec-2014 09:31:00

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.419				ND	
	2 Dichlorodifluoromethane	85		4.515				ND	
	6 Chlorodifluoromethane	51		4.579				ND	
	7 1,2-Dichloro-1,1,2,2-tetra	85		4.863				ND	
	8 Chloromethane	50		5.055				ND	
	9 Butane	43		5.317				ND	
	10 Vinyl chloride	62		5.371				ND	
	11 Butadiene	54		5.467				ND	
	12 Bromomethane	94		6.334				ND	
	14 Chloroethane	64		6.617				ND	
	16 Vinyl bromide	106		7.088				ND	
	17 Trichlorofluoromethane	101		7.206				ND	
	19 Ethanol	45		7.853				ND	
	23 1,1,2-Trichloro-1,2,2-trif	101		8.447				ND	
	24 1,1-Dichloroethene	96		8.522				ND	
	25 Acetone	43		8.757				ND	
	26 Carbon disulfide	76		9.003				ND	
	27 Isopropyl alcohol	45		9.068				ND	
	29 3-Chloro-1-propene	41		9.399				ND	
	31 Methylene Chloride	49		9.736				ND	
	32 2-Methyl-2-propanol	59		9.929				ND	
	33 Methyl tert-butyl ether	73		10.164				ND	
S	41 1,2-Dichloroethene, Total	61		10.200				ND	
	34 trans-1,2-Dichloroethene	61		10.228				ND	
	36 Hexane	57		10.640				ND	
	37 1,1-Dichloroethane	63		11.186				ND	
	38 Vinyl acetate	43		11.229				ND	
	39 cis-1,2-Dichloroethene	96		12.363				ND	
	40 2-Butanone (MEK)	72		12.374				ND	
	42 Ethyl acetate	88		12.395				ND	
*	43 Chlorobromomethane	128	12.812	12.839	-0.027	79	309972	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Tetrahydrofuran	42		12.839				ND	
45 Chloroform	83		12.951				ND	
46 Cyclohexane	84		13.246				ND	
47 1,1,1-Trichloroethane	97		13.256				ND	
48 Carbon tetrachloride	117		13.513				ND	
51 Isooctane	57		13.904				ND	
50 Benzene	78	13.941	13.963	-0.022	1	787	0.006662	
52 1,2-Dichloroethane	62		14.123				ND	
53 n-Heptane	43		14.251				ND	
* 54 1,4-Difluorobenzene	114	14.701	14.717	-0.016	92	1478251	10.0	
56 Trichloroethene	95		15.182				ND	
58 1,2-Dichloropropane	63		15.701				ND	
59 Methyl methacrylate	69		15.787				ND	
60 1,4-Dioxane	88		15.878				ND	
61 Dibromomethane	174		15.947				ND	
62 Dichlorobromomethane	83		16.193				ND	
64 cis-1,3-Dichloropropene	75		17.055				ND	
65 4-Methyl-2-pentanone (MIBK	43		17.279				ND	
66 Toluene	92	17.622	17.622	0.000	13	342	0.003874	
70 trans-1,3-Dichloropropene	75		18.157				ND	
71 1,1,2-Trichloroethane	83		18.526				ND	
72 Tetrachloroethene	166		18.665				ND	
73 2-Hexanone	43		18.906				ND	
74 Chlorodibromomethane	129		19.280				ND	
75 Ethylene Dibromide	107		19.564				ND	
S 82 Xylenes, Total	106		20.100				ND	
* 76 Chlorobenzene-d5	117	20.398	20.404	-0.006	82	1324796	10.0	
77 Chlorobenzene	112		20.462				ND	
78 Ethylbenzene	91		20.575				ND	
80 m-Xylene & p-Xylene	106		20.794				ND	
83 o-Xylene	106		21.506				ND	
84 Styrene	104		21.543				ND	
85 Bromoform	173		21.928				ND	
86 Isopropylbenzene	105		22.073				ND	
$ 87 4-Bromofluorobenzene	95	22.404	22.410	-0.006	97	742939	NC	
88 1,1,2,2-Tetrachloroethane	83		22.634				ND	
90 N-Propylbenzene	91		22.704				ND	
91 4-Ethyltoluene	105		22.875				ND	
92 2-Chlorotoluene	91		22.907				ND	
94 1,3,5-Trimethylbenzene	105		22.966				ND	
96 tert-Butylbenzene	119		23.437				ND	
97 1,2,4-Trimethylbenzene	105		23.533				ND	
98 sec-Butylbenzene	105		23.769				ND	
99 4-Isopropyltoluene	119		23.972				ND	
100 1,3-Dichlorobenzene	146		24.041				ND	
101 1,4-Dichlorobenzene	146		24.186				ND	
102 Benzyl chloride	91		24.394				ND	
103 n-Butylbenzene	91		24.603				ND	
105 1,2-Dichlorobenzene	146		24.790				ND	
107 1,2,4-Trichlorobenzene	180		27.663				ND	
108 Hexachlorobutadiene	225		27.861				ND	
109 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

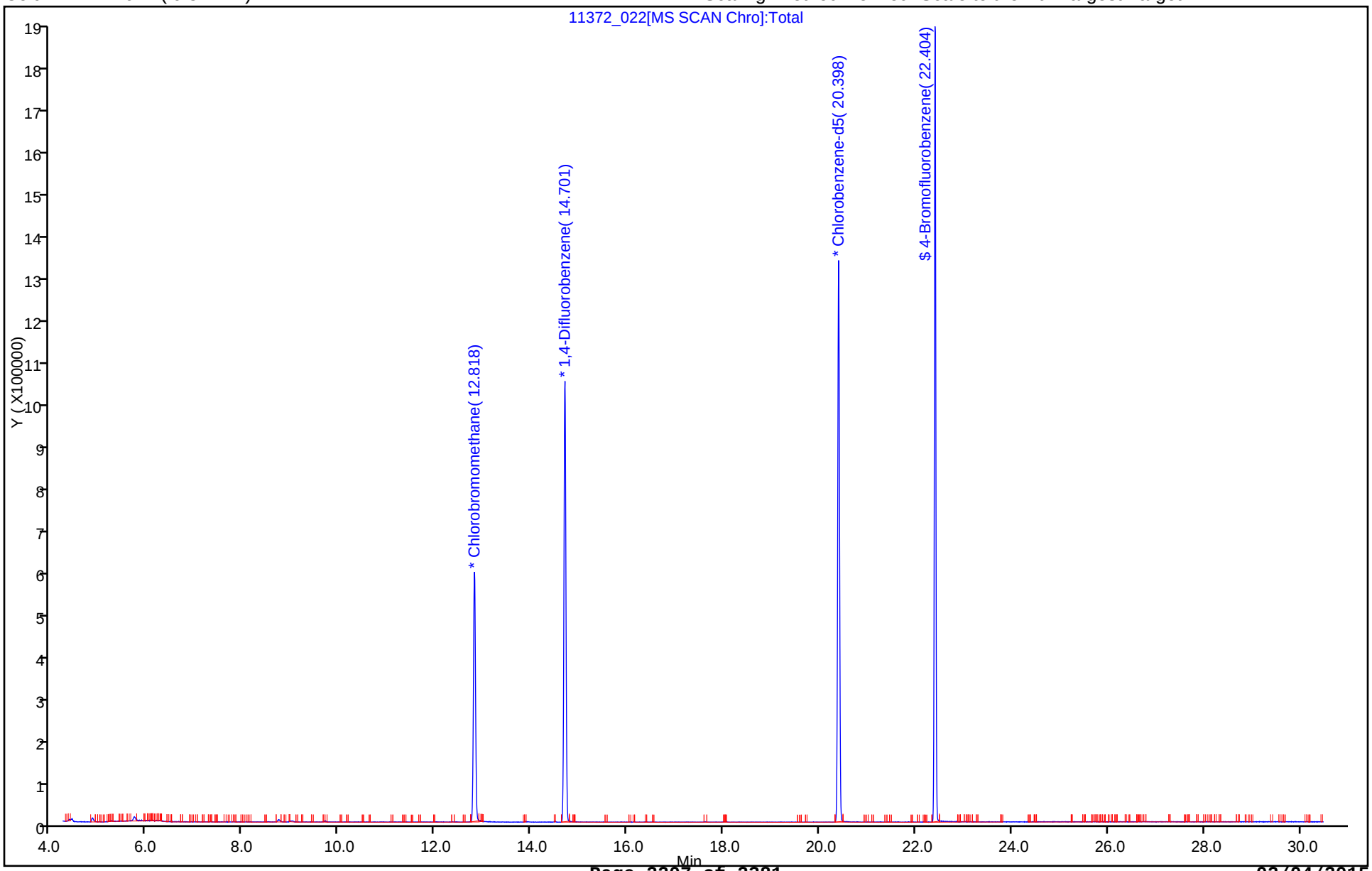
Report Date: 31-Dec-2014 09:33:41 Chrom Revision: 2.2 06-Nov-2014 14:50:32

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_022.d

Injection Date:	31-Dec-2014 05:53:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	200-26088-A-10	Lab Sample ID:	200-26088-10	Worklist Smp#:	23
Client ID:	2681				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	1
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 5441 Lab Sample ID: 200-26088-11

Matrix: Air Lab File ID: 11372_023.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 07:00

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26088-1

SDG No.:

Client Sample ID: 5441 | Lab Sample ID: 200-26088-11

Matrix: Air | Lab File ID: 11372_023.d

Analysis Method: TO-15 | Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 12/31/2014 07:00

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82774 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 5441 Lab Sample ID: 200-26088-11

Matrix: Air Lab File ID: 11372_023.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 07:00

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_023.d
Lims ID: 200-26088-A-11 Lab Sample ID: 200-26088-11
Client ID: 5441
Sample Type: Client
Inject. Date: 31-Dec-2014 07:00:30 ALS Bottle#: 2 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011372-023
Misc. Info.: 26088-10
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 31-Dec-2014 09:32:44 Calib Date: 18-Dec-2014 09:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20141217-11193.b\11193_017.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: lyonsb Date: 31-Dec-2014 09:31:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	4.403	4.419	-0.016	98	5562	0.2197	
2 Dichlorodifluoromethane	85		4.515				ND	
6 Chlorodifluoromethane	51		4.579				ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		4.863				ND	
8 Chloromethane	50		5.055				ND	
9 Butane	43		5.317				ND	
10 Vinyl chloride	62		5.371				ND	
11 Butadiene	54		5.467				ND	
12 Bromomethane	94		6.334				ND	
14 Chloroethane	64		6.617				ND	
16 Vinyl bromide	106		7.088				ND	
17 Trichlorofluoromethane	101		7.206				ND	
19 Ethanol	45		7.853				ND	
23 1,1,2-Trichloro-1,2,2-trif	101		8.447				ND	
24 1,1-Dichloroethene	96		8.522				ND	
25 Acetone	43	8.736	8.757	-0.021	90	113266	2.33	
26 Carbon disulfide	76	8.993	9.003	-0.010	98	18640	0.1920	
27 Isopropyl alcohol	45		9.068				ND	
29 3-Chloro-1-propene	41		9.399				ND	
31 Methylene Chloride	49		9.736				ND	
32 2-Methyl-2-propanol	59		9.929				ND	
33 Methyl tert-butyl ether	73		10.164				ND	
S 41 1,2-Dichloroethene, Total	61		10.200				ND	
34 trans-1,2-Dichloroethene	61		10.228				ND	
36 Hexane	57		10.640				ND	
37 1,1-Dichloroethane	63		11.186				ND	
38 Vinyl acetate	43		11.229				ND	
39 cis-1,2-Dichloroethene	96		12.363				ND	
40 2-Butanone (MEK)	72	12.363	12.374	-0.011	98	6295	0.3049	
42 Ethyl acetate	88		12.395				ND	
* 43 Chlorobromomethane	128	12.823	12.839	-0.016	76	315877	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Tetrahydrofuran	42		12.839				ND	
45 Chloroform	83		12.951				ND	
46 Cyclohexane	84		13.246				ND	
47 1,1,1-Trichloroethane	97		13.256				ND	
48 Carbon tetrachloride	117		13.513				ND	
51 Isooctane	57		13.904				ND	
50 Benzene	78	13.947	13.963	-0.016	1	262	0.002178	
52 1,2-Dichloroethane	62		14.123				ND	
53 n-Heptane	43		14.251				ND	
* 54 1,4-Difluorobenzene	114	14.701	14.717	-0.016	92	1505301	10.0	
56 Trichloroethene	95		15.182				ND	
58 1,2-Dichloropropane	63		15.701				ND	
59 Methyl methacrylate	69		15.787				ND	
60 1,4-Dioxane	88		15.878				ND	
61 Dibromomethane	174		15.947				ND	
62 Dichlorobromomethane	83		16.193				ND	
64 cis-1,3-Dichloropropene	75		17.055				ND	
65 4-Methyl-2-pentanone (MIBK	43		17.279				ND	
66 Toluene	92	17.622	17.622	0.000	1	65	0.000728	
70 trans-1,3-Dichloropropene	75		18.157				ND	
71 1,1,2-Trichloroethane	83		18.526				ND	
72 Tetrachloroethene	166		18.665				ND	
73 2-Hexanone	43		18.906				ND	
74 Chlorodibromomethane	129		19.280				ND	
75 Ethylene Dibromide	107		19.564				ND	
S 82 Xylenes, Total	106		20.100				ND	
* 76 Chlorobenzene-d5	117	20.398	20.404	-0.006	82	1340334	10.0	
77 Chlorobenzene	112		20.462				ND	
78 Ethylbenzene	91		20.575				ND	
80 m-Xylene & p-Xylene	106		20.794				ND	
83 o-Xylene	106		21.506				ND	
84 Styrene	104		21.543				ND	
85 Bromoform	173		21.928				ND	
86 Isopropylbenzene	105		22.073				ND	
$ 87 4-Bromofluorobenzene	95	22.405	22.410	-0.006	96	760313	NC	
88 1,1,2,2-Tetrachloroethane	83		22.634				ND	
90 N-Propylbenzene	91		22.704				ND	
91 4-Ethyltoluene	105		22.875				ND	
92 2-Chlorotoluene	91		22.907				ND	
94 1,3,5-Trimethylbenzene	105		22.966				ND	
96 tert-Butylbenzene	119		23.437				ND	
97 1,2,4-Trimethylbenzene	105		23.533				ND	
98 sec-Butylbenzene	105		23.769				ND	
99 4-Isopropyltoluene	119		23.972				ND	
100 1,3-Dichlorobenzene	146		24.041				ND	
101 1,4-Dichlorobenzene	146		24.186				ND	
102 Benzyl chloride	91		24.394				ND	
103 n-Butylbenzene	91		24.603				ND	
105 1,2-Dichlorobenzene	146		24.790				ND	
107 1,2,4-Trichlorobenzene	180		27.663				ND	
108 Hexachlorobutadiene	225		27.861				ND	
109 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

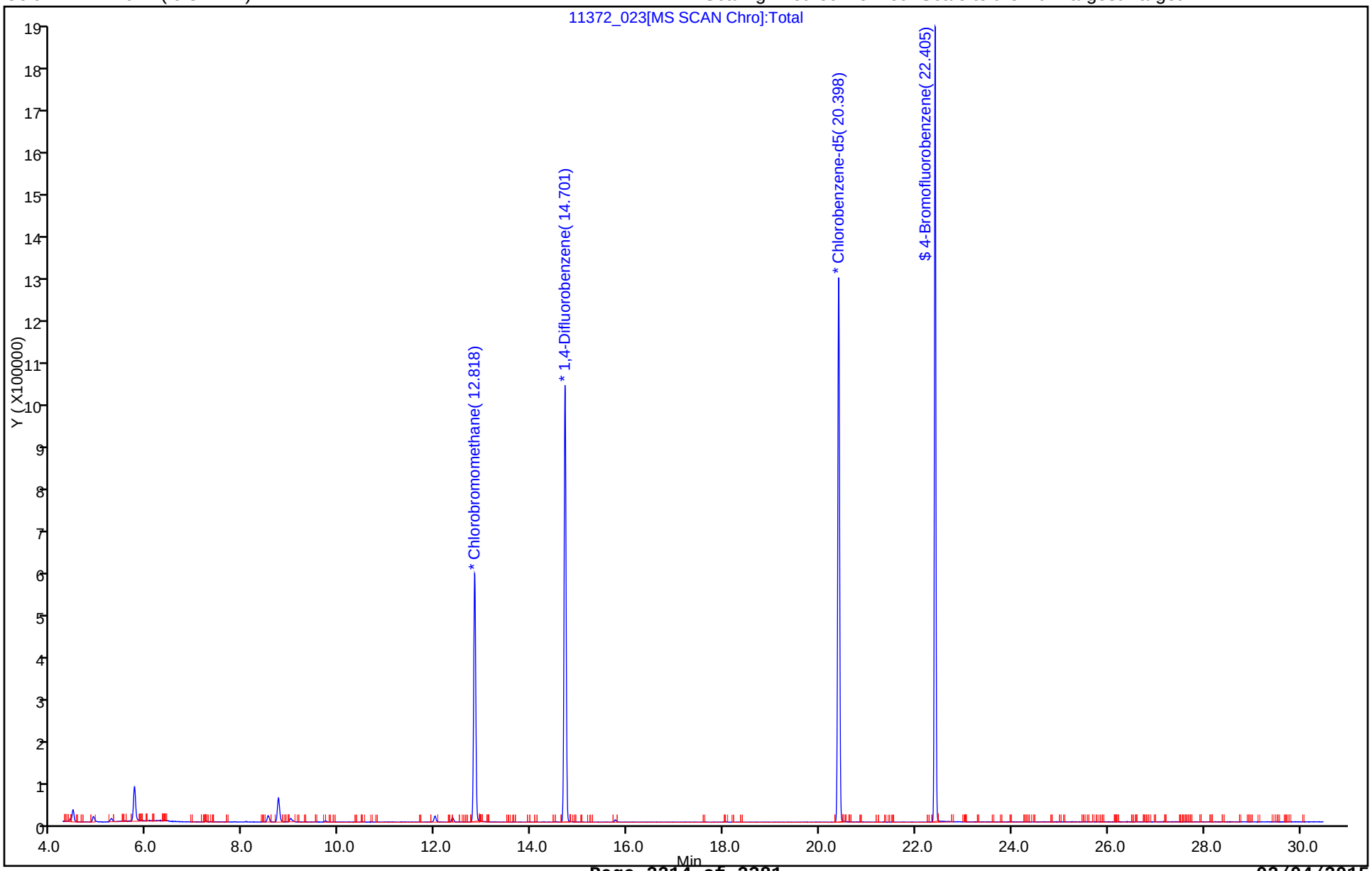
Report Date: 31-Dec-2014 09:33:42 Chrom Revision: 2.2 06-Nov-2014 14:50:32

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_023.d

Injection Date:	31-Dec-2014 07:00:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	200-26088-A-11	Lab Sample ID:	200-26088-11	Worklist Smp#:	24
Client ID:	5441				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	2
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 3523 Lab Sample ID: 200-26088-12

Matrix: Air Lab File ID: 11372_024.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 08:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26088-1

SDG No.:

Client Sample ID: 3523 | Lab Sample ID: 200-26088-12

Matrix: Air | Lab File ID: 11372_024.d

Analysis Method: TO-15 | Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 12/31/2014 08:08

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82774 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Client Sample ID: 3523 Lab Sample ID: 200-26088-12

Matrix: Air Lab File ID: 11372_024.d

Analysis Method: TO-15 Date Collected: 12/23/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/31/2014 08:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 82774 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_024.d
Lims ID: 200-26088-A-12 Lab Sample ID: 200-26088-12
Client ID: 3523
Sample Type: Client
Inject. Date: 31-Dec-2014 08:08:30 ALS Bottle#: 3 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011372-024
Misc. Info.: 26088-11
Operator ID: bpl Instrument ID: CHW.i

Method: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\TO15_LLNJ_TO3_W_(v1).m
Limit Group: AI_TO15_ICAL
Last Update: 31-Dec-2014 09:32:44 Calib Date: 18-Dec-2014 09:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20141217-11193.b\11193_017.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: lyonsb Date: 31-Dec-2014 09:31:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.419				ND	
2 Dichlorodifluoromethane	85		4.515				ND	
6 Chlorodifluoromethane	51		4.579				ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		4.863				ND	
8 Chloromethane	50		5.055				ND	
9 Butane	43		5.317				ND	
10 Vinyl chloride	62		5.371				ND	
11 Butadiene	54		5.467				ND	
12 Bromomethane	94		6.334				ND	
14 Chloroethane	64		6.617				ND	
16 Vinyl bromide	106		7.088				ND	
17 Trichlorofluoromethane	101		7.206				ND	
19 Ethanol	45		7.853				ND	
23 1,1,2-Trichloro-1,2,2-trif	101		8.447				ND	
24 1,1-Dichloroethene	96		8.522				ND	
25 Acetone	43		8.757				ND	
26 Carbon disulfide	76		9.003				ND	
27 Isopropyl alcohol	45		9.068				ND	
29 3-Chloro-1-propene	41		9.399				ND	
31 Methylene Chloride	49		9.736				ND	
32 2-Methyl-2-propanol	59		9.929				ND	
33 Methyl tert-butyl ether	73		10.164				ND	
S 41 1,2-Dichloroethene, Total	61		10.200				ND	
34 trans-1,2-Dichloroethene	61		10.228				ND	
36 Hexane	57		10.640				ND	
37 1,1-Dichloroethane	63		11.186				ND	
38 Vinyl acetate	43		11.229				ND	
39 cis-1,2-Dichloroethene	96		12.363				ND	
40 2-Butanone (MEK)	72		12.374				ND	
42 Ethyl acetate	88		12.395				ND	
* 43 Chlorobromomethane	128	12.823	12.839	-0.016	77	304316	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Tetrahydrofuran	42		12.839				ND	
45 Chloroform	83		12.951				ND	
46 Cyclohexane	84		13.246				ND	
47 1,1,1-Trichloroethane	97		13.256				ND	
48 Carbon tetrachloride	117		13.513				ND	
51 Isooctane	57		13.904				ND	
50 Benzene	78	13.952	13.963	-0.011	1	85	0.000739	
52 1,2-Dichloroethane	62		14.123				ND	
53 n-Heptane	43		14.251				ND	
* 54 1,4-Difluorobenzene	114	14.701	14.717	-0.016	92	1438568	10.0	
56 Trichloroethene	95		15.182				ND	
58 1,2-Dichloropropane	63		15.701				ND	
59 Methyl methacrylate	69		15.787				ND	
60 1,4-Dioxane	88		15.878				ND	
61 Dibromomethane	174		15.947				ND	
62 Dichlorobromomethane	83		16.193				ND	
64 cis-1,3-Dichloropropene	75		17.055				ND	
65 4-Methyl-2-pentanone (MIBK	43		17.279				ND	
66 Toluene	92		17.622				ND	
70 trans-1,3-Dichloropropene	75		18.157				ND	
71 1,1,2-Trichloroethane	83		18.526				ND	
72 Tetrachloroethene	166		18.665				ND	
73 2-Hexanone	43		18.906				ND	
74 Chlorodibromomethane	129		19.280				ND	
75 Ethylene Dibromide	107		19.564				ND	
S 82 Xylenes, Total	106		20.100				ND	
* 76 Chlorobenzene-d5	117	20.398	20.404	-0.006	82	1286502	10.0	
77 Chlorobenzene	112		20.462				ND	
78 Ethylbenzene	91		20.575				ND	
80 m-Xylene & p-Xylene	106		20.794				ND	
83 o-Xylene	106		21.506				ND	
84 Styrene	104		21.543				ND	
85 Bromoform	173		21.928				ND	
86 Isopropylbenzene	105		22.073				ND	
$ 87 4-Bromofluorobenzene	95	22.404	22.410	-0.006	97	729475	NC	
88 1,1,2,2-Tetrachloroethane	83		22.634				ND	
90 N-Propylbenzene	91		22.704				ND	
91 4-Ethyltoluene	105		22.875				ND	
92 2-Chlorotoluene	91		22.907				ND	
94 1,3,5-Trimethylbenzene	105		22.966				ND	
96 tert-Butylbenzene	119		23.437				ND	
97 1,2,4-Trimethylbenzene	105		23.533				ND	
98 sec-Butylbenzene	105		23.769				ND	
99 4-Isopropyltoluene	119		23.972				ND	
100 1,3-Dichlorobenzene	146		24.041				ND	
101 1,4-Dichlorobenzene	146		24.186				ND	
102 Benzyl chloride	91		24.394				ND	
103 n-Butylbenzene	91		24.603				ND	
105 1,2-Dichlorobenzene	146		24.790				ND	
107 1,2,4-Trichlorobenzene	180		27.663				ND	
108 Hexachlorobutadiene	225		27.861				ND	
109 Naphthalene	128		28.241				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15WISs_00003 Amount Added: 20.00 Units: mL Run Reagent

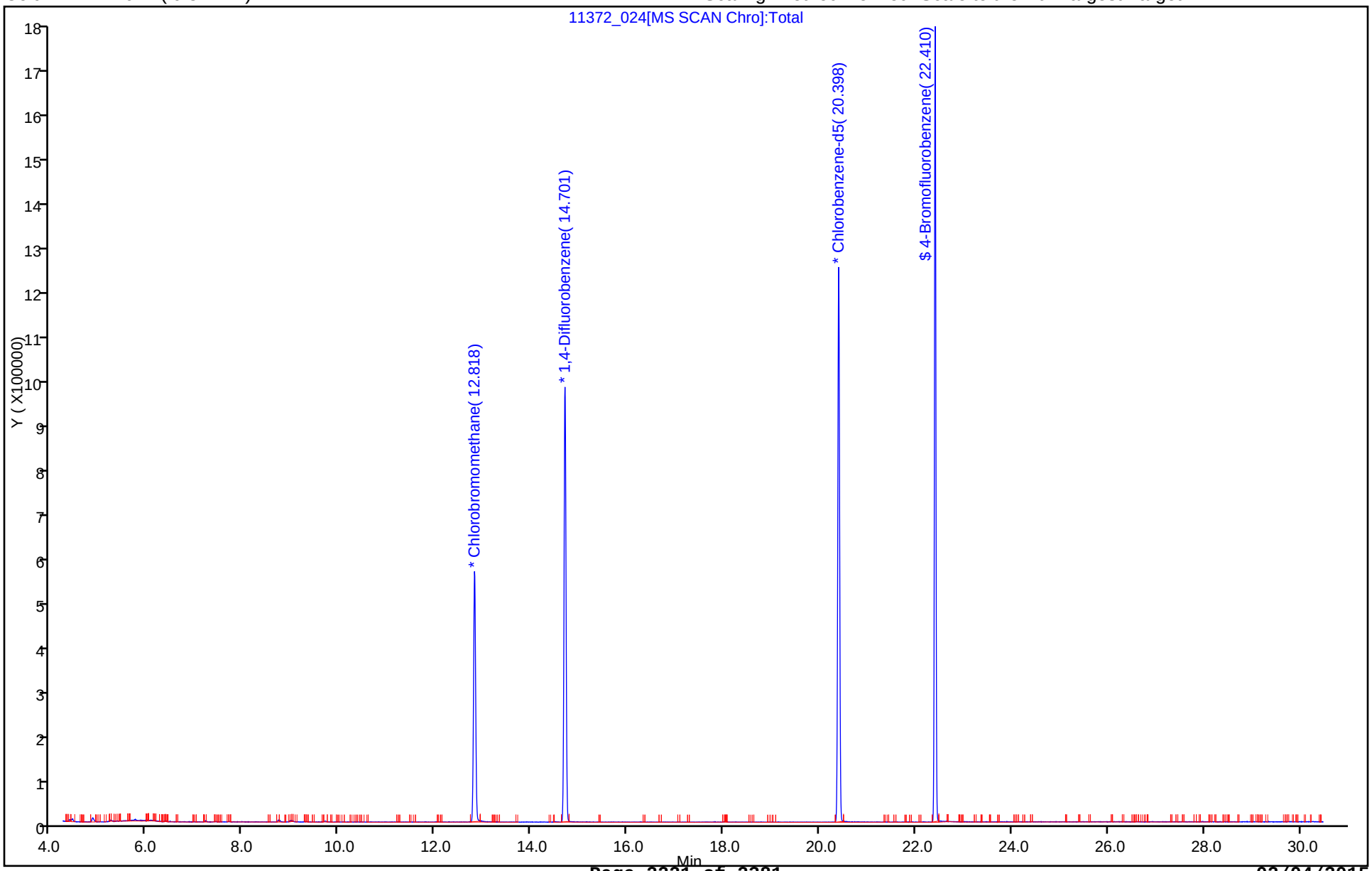
Report Date: 31-Dec-2014 09:33:43 Chrom Revision: 2.2 06-Nov-2014 14:50:32

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20141230-11372.b\11372_024.d

Injection Date:	31-Dec-2014 08:08:30	Instrument ID:	CHW.i	Operator ID:	bpl
Lims ID:	200-26088-A-12	Lab Sample ID:	200-26088-12	Worklist Smp#:	25
Client ID:	3523				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Client Sample ID: 4299 Lab Sample ID: 200-26192-4

Matrix: Air Lab File ID: 11617_22.D

Analysis Method: TO-15 Date Collected: 01/06/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/15/2015 04:59

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83372 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Client Sample ID: 4299 Lab Sample ID: 200-26192-4

Matrix: Air Lab File ID: 11617_22.D

Analysis Method: TO-15 Date Collected: 01/06/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/15/2015 04:59

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83372 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Client Sample ID: 4299 Lab Sample ID: 200-26192-4

Matrix: Air Lab File ID: 11617_22.D

Analysis Method: TO-15 Date Collected: 01/06/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/15/2015 04:59

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83372 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150114-11617.b\11617_22.D
Lims ID: 200-26192-A-4 Lab Sample ID: 200-26192-4
Client ID: 4299
Sample Type: Client
Inject. Date: 15-Jan-2015 04:59:30 ALS Bottle#: 3 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011617-022
Misc. Info.: 200-26192-a-4
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150114-11617.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 15-Jan-2015 09:27:52 Calib Date: 12-Dec-2014 10:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20141211-11064.b\11064_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: lyonsb Date: 15-Jan-2015 09:26:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		2.763				ND	
2 Dichlorodifluoromethane	85		2.833				ND	
6 Chlorodifluoromethane	51		2.881				ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.095				ND	
8 Chloromethane	50		3.229				ND	
9 Butane	43		3.432				ND	
10 Vinyl chloride	62		3.475				ND	
11 Butadiene	54		3.555				ND	
12 Bromomethane	94		4.240				ND	
14 Chloroethane	64		4.486				ND	
16 Vinyl bromide	106		4.887				ND	
17 Trichlorofluoromethane	101		5.005				ND	
19 Ethanol	45		5.625				ND	
23 1,1,2-Trichloro-1,2,2-trif	101		6.133				ND	
24 1,1-Dichloroethene	96		6.160				ND	
25 Acetone	43		6.417				ND	
26 Carbon disulfide	76		6.540				ND	
27 Isopropyl alcohol	45		6.754				ND	
29 3-Chloro-1-propene	41		6.979				ND	
31 Methylene Chloride	49		7.284				ND	
32 2-Methyl-2-propanol	59		7.567				ND	
33 Methyl tert-butyl ether	73		7.722				ND	
34 trans-1,2-Dichloroethene	61		7.738				ND	
36 Hexane	57		8.161				ND	
37 1,1-Dichloroethane	63		8.632				ND	
38 Vinyl acetate	43		8.739				ND	
39 cis-1,2-Dichloroethene	96		9.766				ND	
40 2-Butanone (MEK)	72		9.830				ND	
42 Ethyl acetate	88		9.900				ND	
S 41 1,2-Dichloroethene, Total	61		10.200				ND	
* 43 Chlorobromomethane	128	10.226	10.226	0.000	96	362184	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	44 Tetrahydrofuran	42		10.247				ND	
	45 Chloroform	83		10.370				ND	
	46 Cyclohexane	84		10.622				ND	
	47 1,1,1-Trichloroethane	97		10.649				ND	
	48 Carbon tetrachloride	117		10.900				ND	
	50 Benzene	78	11.360	11.365	-0.005	1	1677	0.0139	
	51 Isooctane	57		11.371				ND	
	52 1,2-Dichloroethane	62		11.542				ND	
	53 n-Heptane	43	11.756	11.772	-0.016	28	1522	0.0198	
*	54 1,4-Difluorobenzene	114	12.221	12.227	-0.006	96	2001859	10.0	
	56 Trichloroethene	95		12.681				ND	
	58 1,2-Dichloropropane	63		13.232				ND	
	59 Methyl methacrylate	69		13.441				ND	
	60 1,4-Dioxane	88		13.473				ND	
	61 Dibromomethane	174		13.484				ND	
	62 Dichlorobromomethane	83		13.800				ND	
	64 cis-1,3-Dichloropropene	75		14.784				ND	
	65 4-Methyl-2-pentanone (MIBK	43		15.105				ND	
	66 Toluene	92	15.404	15.404	0.000	20	1155	0.0135	
	70 trans-1,3-Dichloropropene	75		16.025				ND	
	71 1,1,2-Trichloroethane	83		16.410				ND	
	72 Tetrachloroethene	166		16.523				ND	
	73 2-Hexanone	43		16.892				ND	
	74 Chlorodibromomethane	129		17.181				ND	
	75 Ethylene Dibromide	107		17.453				ND	
*	76 Chlorobenzene-d5	117	18.384	18.384	0.000	92	1821627	10.0	
	77 Chlorobenzene	112	18.448	18.443	0.005	1	2104	0.0180	
	78 Ethylbenzene	91	18.609	18.609	0.000	31	4432	0.0233	
	80 m-Xylene & p-Xylene	106	18.882	18.866	0.016	0	2345	0.0314	
	83 o-Xylene	106	19.700	19.716	-0.016	32	1313	0.0172	
	84 Styrene	104		19.764				ND	
S	82 Xylenes, Total	106				0		0.0486	
	85 Bromoform	173		20.187				ND	
	86 Isopropylbenzene	105		20.422				ND	
*	87 4-Bromofluorobenzene	95	20.786	20.786	0.000	90	1302104	10.0	
	88 1,1,2,2-Tetrachloroethane	83		21.070				ND	
	90 N-Propylbenzene	91		21.155				ND	
	92 2-Chlorotoluene	91	21.342	21.348	-0.006	86	4224	0.0228	
	91 4-Ethyltoluene	105		21.348				ND	
	94 1,3,5-Trimethylbenzene	105		21.455				ND	
	96 tert-Butylbenzene	119	21.942	21.947	-0.005	65	3610	0.0216	
	97 1,2,4-Trimethylbenzene	105	22.043	22.038	0.005	41	3995	0.0225	
	98 sec-Butylbenzene	105		22.273				ND	
	99 4-Isopropyltoluene	119		22.477				ND	
	100 1,3-Dichlorobenzene	146		22.498				ND	
	101 1,4-Dichlorobenzene	146	22.626	22.632	-0.006	88	3808	0.0308	
	102 Benzyl chloride	91		22.824				ND	
	103 n-Butylbenzene	91		23.044				ND	
	105 1,2-Dichlorobenzene	146	23.156	23.151	0.005	40	2753	0.0227	
	107 1,2,4-Trichlorobenzene	180		25.612				ND	
	108 Hexachlorobutadiene	225		25.810				ND	
	109 Naphthalene	128		26.082				ND	

Reagents:

ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

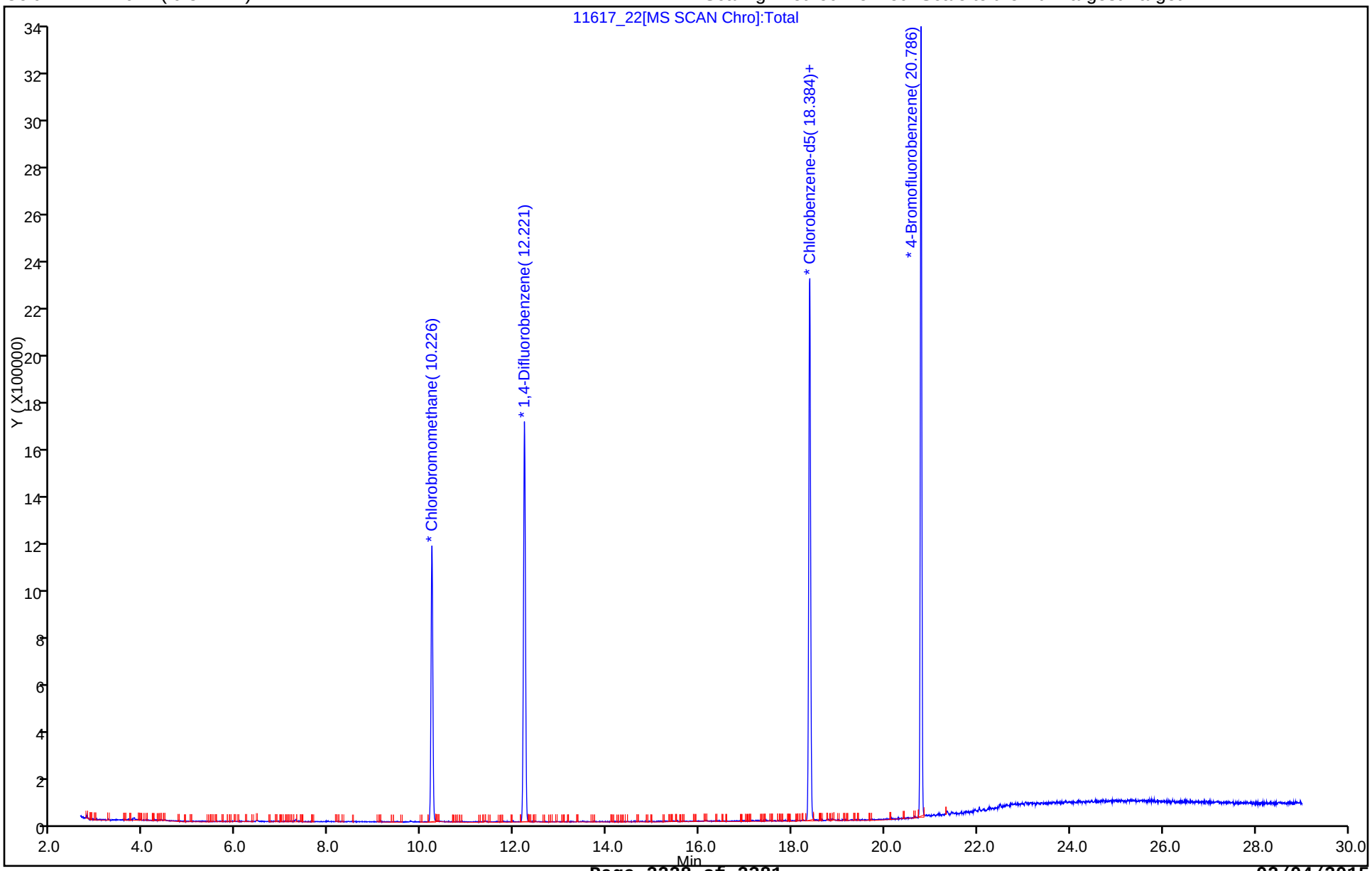
Report Date: 15-Jan-2015 09:28:02 Chrom Revision: 2.2 29-Dec-2014 08:28:38

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150114-11617.b\11617_22.D

Injection Date:	15-Jan-2015 04:59:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	200-26192-A-4	Lab Sample ID:	200-26192-4	Worklist Smp#:	22
Client ID:	4299				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	3
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26204-1

SDG No.:

Client Sample ID: 4442 | Lab Sample ID: 200-26204-1

Matrix: Air | Lab File ID: 11529_07.D

Analysis Method: TO-15 | Date Collected: 01/07/2015 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 01/08/2015 16:03

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83124 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Client Sample ID: 4442 Lab Sample ID: 200-26204-1

Matrix: Air Lab File ID: 11529_07.D

Analysis Method: TO-15 Date Collected: 01/07/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/08/2015 16:03

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83124 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Client Sample ID: 4442 Lab Sample ID: 200-26204-1

Matrix: Air Lab File ID: 11529_07.D

Analysis Method: TO-15 Date Collected: 01/07/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/08/2015 16:03

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83124 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20150108-11529.b\11529_07.D
Lims ID: 200-26204-A-1 Lab Sample ID: 200-26204-1
Client ID: 4442
Sample Type: Client
Inject. Date: 08-Jan-2015 16:03:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011529-007
Misc. Info.: 26204-01
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20150108-11529.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2015 08:48:41 Calib Date: 06-Jan-2015 10:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20150105-11470.b\11470_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: lyonsb Date: 09-Jan-2015 08:23:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Propene	41		3.165				ND	
5 Dichlorodifluoromethane	85		3.224				ND	
6 Chlorodifluoromethane	51	3.272	3.266	0.006	95	7068	0.1294	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.453				ND	
8 Chloromethane	50		3.587				ND	
9 Butane	43		3.768				ND	
10 Vinyl chloride	62		3.811				ND	
11 Butadiene	54		3.875				ND	
12 Bromomethane	94		4.585				ND	
14 Chloroethane	64		4.825				ND	
16 Vinyl bromide	106		5.246				ND	
17 Trichlorofluoromethane	101		5.342				ND	
19 Ethanol	45	5.844	5.823	0.021	28	2376	0.5209	
23 1,1,2-Trichloro-1,2,2-trif	101		6.383				ND	
24 1,1-Dichloroethene	96		6.463				ND	
25 Acetone	43		6.634				ND	
26 Isopropyl alcohol	45		6.837				ND	
27 Carbon disulfide	76		6.890				ND	
29 3-Chloro-1-propene	41		7.173				ND	
31 Methylene Chloride	49		7.445				ND	
32 2-Methyl-2-propanol	59		7.547				ND	
33 Methyl tert-butyl ether	73		7.771				ND	
34 trans-1,2-Dichloroethene	61		7.845				ND	
36 Hexane	57		8.160				ND	
38 Vinyl acetate	43		8.603				ND	
37 1,1-Dichloroethane	63		8.603				ND	
* 44 Chlorobromomethane	128	9.879	9.879	0.000	69	242691	10.0	
40 2-Butanone (MEK)	72		9.495				ND	
39 cis-1,2-Dichloroethene	96		9.505				ND	
41 Ethyl acetate	88		9.511				ND	
43 Tetrahydrofuran	42		9.879				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Chloroform	83		9.948				ND	
S 42 1,2-Dichloroethene, Total	61		10.000				ND	
47 1,1,1-Trichloroethane	97		10.199				ND	
46 Cyclohexane	84		10.204				ND	
48 Carbon tetrachloride	117		10.402				ND	
49 Isooctane	57		10.674				ND	
50 Benzene	78	10.728	10.738	-0.010	31	3689	0.0502	
51 1,2-Dichloroethane	62		10.850				ND	
52 n-Heptane	43		10.920				ND	
* 54 1,4-Difluorobenzene	114	11.277	11.282	-0.005	94	1302062	10.0	
57 Trichloroethene	95		11.645				ND	
58 1,2-Dichloropropane	63		12.030				ND	
59 Methyl methacrylate	69		12.056				ND	
60 1,4-Dioxane	88		12.147				ND	
61 Dibromomethane	174		12.216				ND	
62 Dichlorobromomethane	83		12.382				ND	
64 cis-1,3-Dichloropropene	75		13.012				ND	
65 4-Methyl-2-pentanone (MIBK	43		13.161				ND	
68 Toluene	92		13.439				ND	
70 trans-1,3-Dichloropropene	75		13.807				ND	
71 1,1,2-Trichloroethane	83		14.084				ND	
72 Tetrachloroethene	166		14.202				ND	
73 2-Hexanone	43		14.335				ND	
74 Chlorodibromomethane	129		14.623				ND	
75 Ethylene Dibromide	107		14.832				ND	
* 76 Chlorobenzene-d5	117	15.376	15.376	0.000	89	1126399	10.0	
77 Chlorobenzene	112		15.413				ND	
79 Ethylbenzene	91		15.477				ND	
80 m-Xylene & p-Xylene	106		15.621				ND	
S 81 Xylenes, Total	106		16.000				ND	
82 o-Xylene	106		16.134				ND	
83 Styrene	104		16.155				ND	
84 Bromoform	173		16.454				ND	
85 Isopropylbenzene	105		16.534				ND	
$ 86 4-Bromofluorobenzene	95	16.796	16.801	-0.005	83	990053	NC	
87 1,1,2,2-Tetrachloroethane	83		16.950				ND	
88 N-Propylbenzene	91		17.014				ND	
91 4-Ethyltoluene	105		17.137				ND	
92 2-Chlorotoluene	91		17.180				ND	
93 1,3,5-Trimethylbenzene	105		17.201				ND	
95 tert-Butylbenzene	119		17.585				ND	
96 1,2,4-Trimethylbenzene	105		17.655				ND	
97 sec-Butylbenzene	105		17.847				ND	
98 4-Isopropyltoluene	119		17.996				ND	
99 1,3-Dichlorobenzene	146		18.082				ND	
100 1,4-Dichlorobenzene	146		18.194				ND	
101 Benzyl chloride	91		18.359				ND	
103 n-Butylbenzene	91		18.514				ND	
104 1,2-Dichlorobenzene	146		18.695				ND	
107 1,2,4-Trichlorobenzene	180		21.113				ND	
108 Hexachlorobutadiene	225		21.268				ND	
109 Naphthalene	128		21.620				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

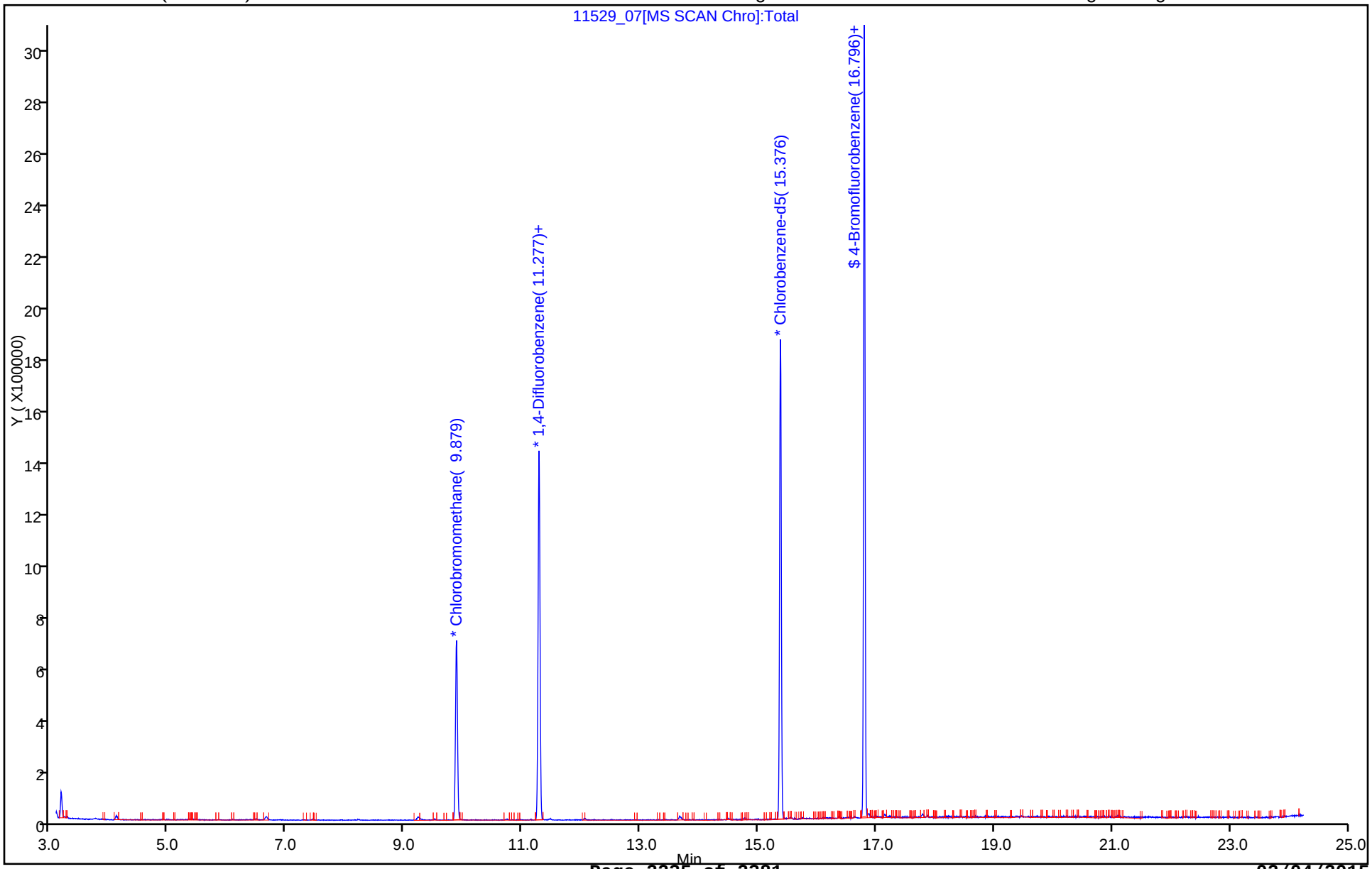
Report Date: 09-Jan-2015 08:48:45 Chrom Revision: 2.2 06-Nov-2014 14:50:32

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20150108-11529.b\11529_07.D

Injection Date:	08-Jan-2015 16:03:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	200-26204-A-1	Lab Sample ID:	200-26204-1	Worklist Smp#:	7
Client ID:	4442				
Purge Vol:	5.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	7
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26209-1

SDG No.:

Client Sample ID: 5640 | Lab Sample ID: 200-26209-10

Matrix: Air | Lab File ID: 11602_15.D

Analysis Method: TO-15 | Date Collected: 01/07/2015 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 01/14/2015 03:23

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83338 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26209-1

SDG No.:

Client Sample ID: 5640 | Lab Sample ID: 200-26209-10

Matrix: Air | Lab File ID: 11602_15.D

Analysis Method: TO-15 | Date Collected: 01/07/2015 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 01/14/2015 03:23

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83338 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Client Sample ID: 5640 Lab Sample ID: 200-26209-10

Matrix: Air Lab File ID: 11602_15.D

Analysis Method: TO-15 Date Collected: 01/07/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/14/2015 03:23

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83338 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150113-11602.b\11602_15.D
Lims ID: 200-26209-A-10 Lab Sample ID: 200-26209-10
Client ID: 5640
Sample Type: Client
Inject. Date: 14-Jan-2015 03:23:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011602-015
Misc. Info.: 26209-10
Operator ID: bpl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20150113-11602.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 14-Jan-2015 08:41:44 Calib Date: 12-Dec-2014 10:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20141211-11064.b\11064_17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: lyonsb Date: 14-Jan-2015 08:40:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		2.757				ND	
2 Dichlorodifluoromethane	85		2.827				ND	
6 Chlorodifluoromethane	51		2.881				ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.095				ND	
8 Chloromethane	50		3.223				ND	
9 Butane	43		3.432				ND	
10 Vinyl chloride	62		3.469				ND	
11 Butadiene	54		3.549				ND	
12 Bromomethane	94		4.239				ND	
14 Chloroethane	64		4.485				ND	
16 Vinyl bromide	106		4.887				ND	
17 Trichlorofluoromethane	101		4.999				ND	
19 Ethanol	45	5.662	5.625	0.037	83	13398	1.05	M
23 1,1,2-Trichloro-1,2,2-trif	101		6.139				ND	
24 1,1-Dichloroethene	96		6.160				ND	
25 Acetone	43		6.417				ND	
26 Carbon disulfide	76		6.540				ND	
27 Isopropyl alcohol	45		6.748				ND	
29 3-Chloro-1-propene	41		6.978				ND	
31 Methylene Chloride	49		7.283				ND	
32 2-Methyl-2-propanol	59		7.562				ND	
33 Methyl tert-butyl ether	73		7.727				ND	
34 trans-1,2-Dichloroethene	61		7.738				ND	
36 Hexane	57		8.161				ND	
37 1,1-Dichloroethane	63		8.631				ND	
38 Vinyl acetate	43		8.738				ND	
39 cis-1,2-Dichloroethene	96		9.766				ND	
40 2-Butanone (MEK)	72		9.835				ND	
42 Ethyl acetate	88		9.899				ND	
S 41 1,2-Dichloroethene, Total	61		10.200				ND	
* 43 Chlorobromomethane	128	10.226	10.231	-0.005	97	361458	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	44 Tetrahydrofuran	42		10.247				ND	
	45 Chloroform	83		10.375				ND	
	46 Cyclohexane	84		10.622				ND	
	47 1,1,1-Trichloroethane	97		10.648				ND	
	48 Carbon tetrachloride	117		10.905				ND	
	50 Benzene	78		11.365				ND	
	51 Isooctane	57		11.365				ND	
	52 1,2-Dichloroethane	62		11.547				ND	
	53 n-Heptane	43		11.766				ND	
*	54 1,4-Difluorobenzene	114	12.227	12.226	0.001	96	1936061	10.0	
	56 Trichloroethene	95		12.687				ND	
	58 1,2-Dichloropropane	63		13.238				ND	
	59 Methyl methacrylate	69		13.441				ND	
	60 1,4-Dioxane	88		13.478				ND	
	61 Dibromomethane	174		13.484				ND	
	62 Dichlorobromomethane	83		13.799				ND	
	64 cis-1,3-Dichloropropene	75		14.784				ND	
	65 4-Methyl-2-pentanone (MIBK	43		15.110				ND	
	66 Toluene	92		15.404				ND	
	70 trans-1,3-Dichloropropene	75		16.025				ND	
	71 1,1,2-Trichloroethane	83		16.410				ND	
	72 Tetrachloroethene	166		16.528				ND	
	73 2-Hexanone	43		16.897				ND	
	74 Chlorodibromomethane	129		17.186				ND	
	75 Ethylene Dibromide	107		17.458				ND	
*	76 Chlorobenzene-d5	117	18.384	18.384	0.000	92	1778590	10.0	
	77 Chlorobenzene	112		18.443				ND	
	78 Ethylbenzene	91		18.614				ND	
	80 m-Xylene & p-Xylene	106		18.871				ND	
	83 o-Xylene	106		19.721				ND	
	84 Styrene	104		19.770				ND	
S	82 Xylenes, Total	106		20.100				ND	
	85 Bromoform	173		20.187				ND	
	86 Isopropylbenzene	105		20.422				ND	
*	87 4-Bromofluorobenzene	95	20.786	20.786	0.000	90	1268787	10.0	
	88 1,1,2,2-Tetrachloroethane	83		21.070				ND	
	90 N-Propylbenzene	91		21.155				ND	
	92 2-Chlorotoluene	91		21.348				ND	
	91 4-Ethyltoluene	105		21.348				ND	
	94 1,3,5-Trimethylbenzene	105		21.455				ND	
	96 tert-Butylbenzene	119		21.947				ND	
	97 1,2,4-Trimethylbenzene	105		22.043				ND	
	98 sec-Butylbenzene	105		22.273				ND	
	99 4-Isopropyltoluene	119		22.477				ND	
	100 1,3-Dichlorobenzene	146		22.498				ND	
	101 1,4-Dichlorobenzene	146		22.632				ND	
	102 Benzyl chloride	91		22.824				ND	
	103 n-Butylbenzene	91		23.044				ND	
	105 1,2-Dichlorobenzene	146		23.156				ND	
	107 1,2,4-Trichlorobenzene	180		25.617				ND	
	108 Hexachlorobutadiene	225		25.804				ND	
	109 Naphthalene	128		26.082				ND	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ATTO15GIS_00010 Amount Added: 20.00 Units: mL Run Reagent

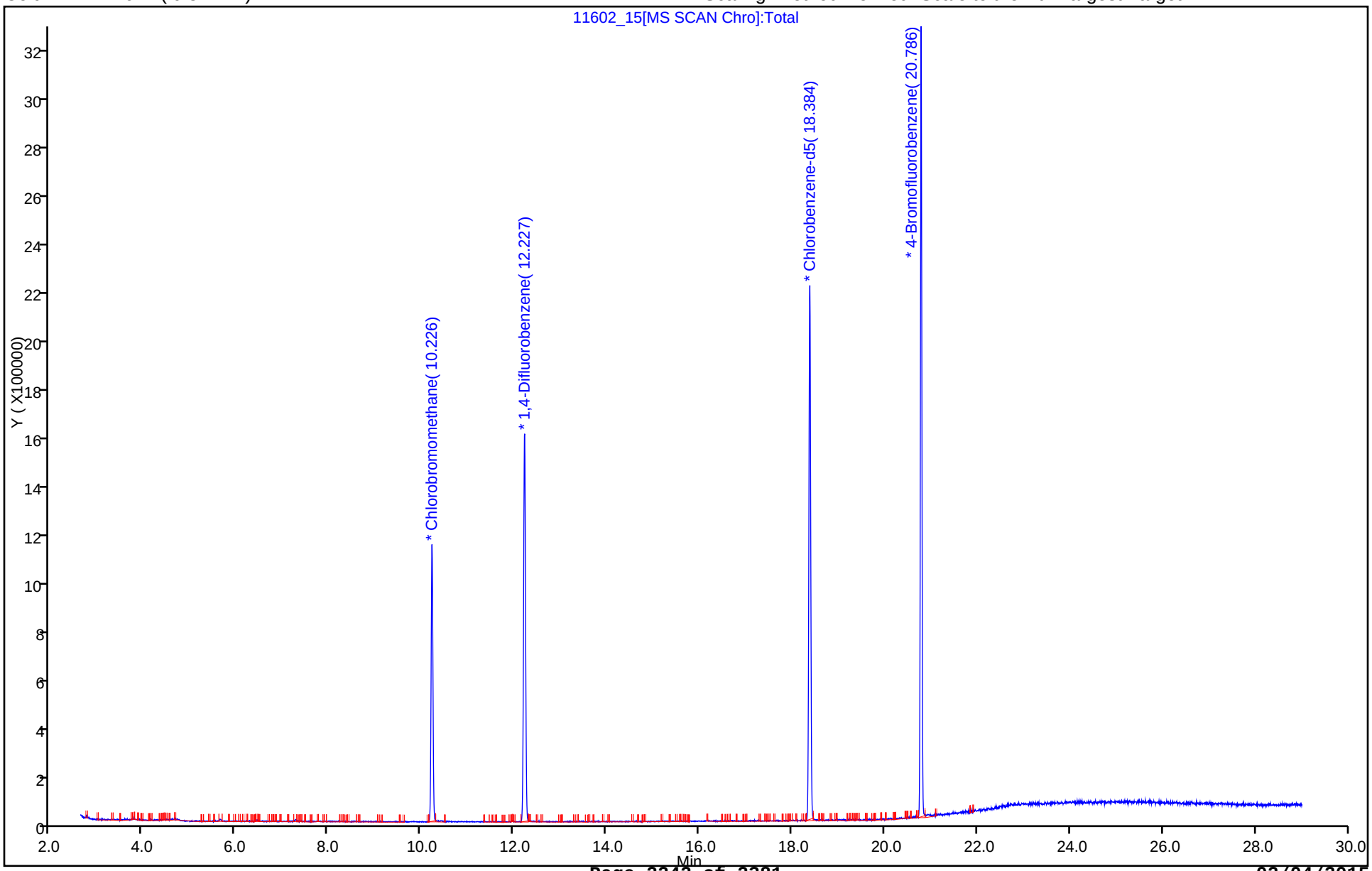
Report Date: 14-Jan-2015 08:41:55 Chrom Revision: 2.2 29-Dec-2014 08:28:38

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20150113-11602.b\11602_15.D

Injection Date:	14-Jan-2015 03:23:30	Instrument ID:	CHG.i	Operator ID:	bpl
Lims ID:	200-26209-A-10	Lab Sample ID:	200-26209-10	Worklist Smp#:	15
Client ID:	5640				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	14
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

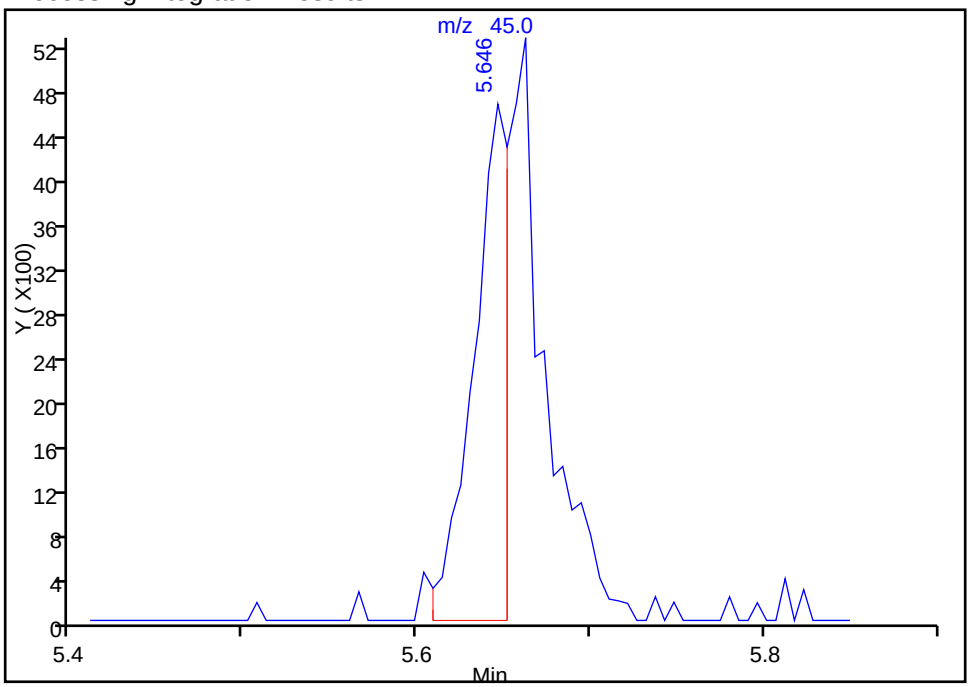
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150113-11602.b\11602_15.D				
Injection Date:	14-Jan-2015 03:23:30	Instrument ID:	CHG.i		
Lims ID:	200-26209-A-10	Lab Sample ID:	200-26209-10		
Client ID:	5640				
Operator ID:	bpl	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 Ethanol, CAS: 64-17-5

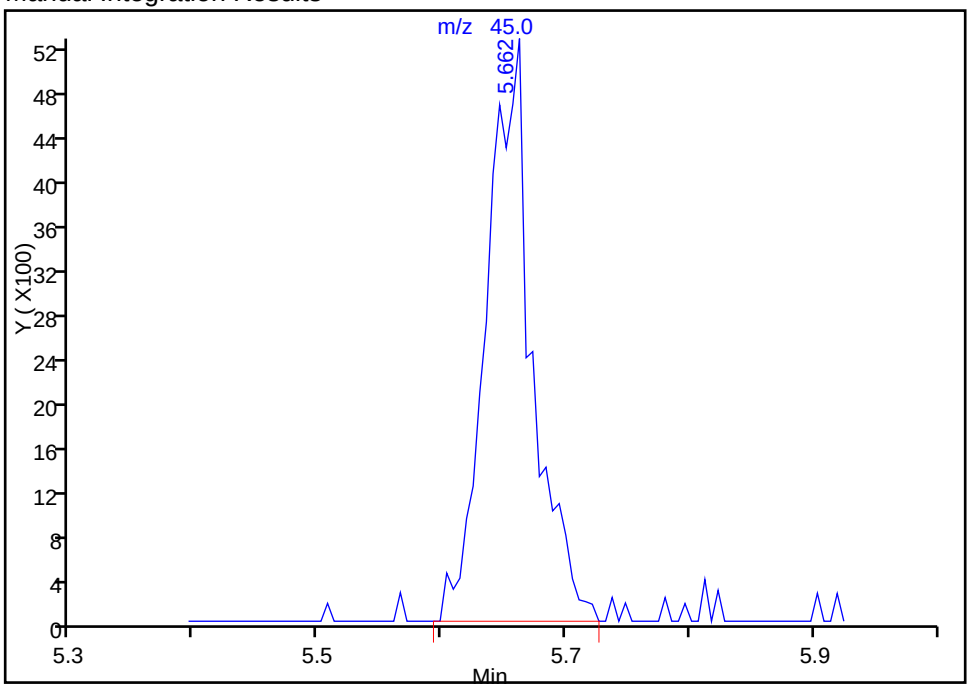
Processing Integration Results

RT: 5.65
Area: 6533
Amount: 0.513805
Amount Units: ppb v/v



Manual Integration Results

RT: 5.66
Area: 13398
Amount: 1.053721
Amount Units: ppb v/v



Reviewer: lyonsb, 14-Jan-2015 08:40:52
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

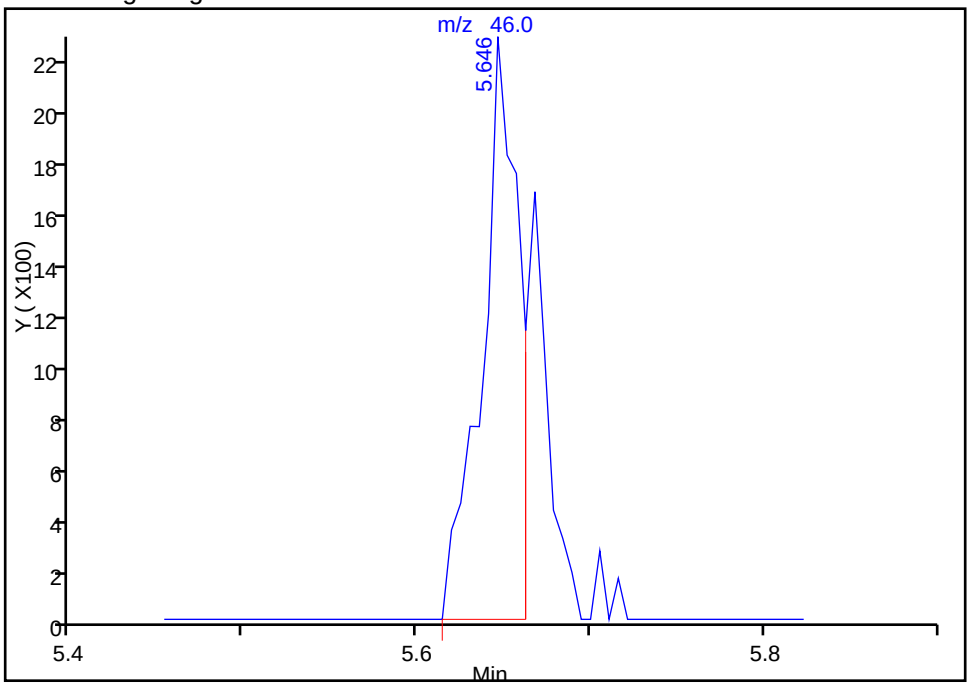
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20150113-11602.b\11602_15.D				
Injection Date:	14-Jan-2015 03:23:30	Instrument ID:	CHG.i		
Lims ID:	200-26209-A-10	Lab Sample ID:	200-26209-10		
Client ID:	5640				
Operator ID:	bpl	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 Ethanol, CAS: 64-17-5

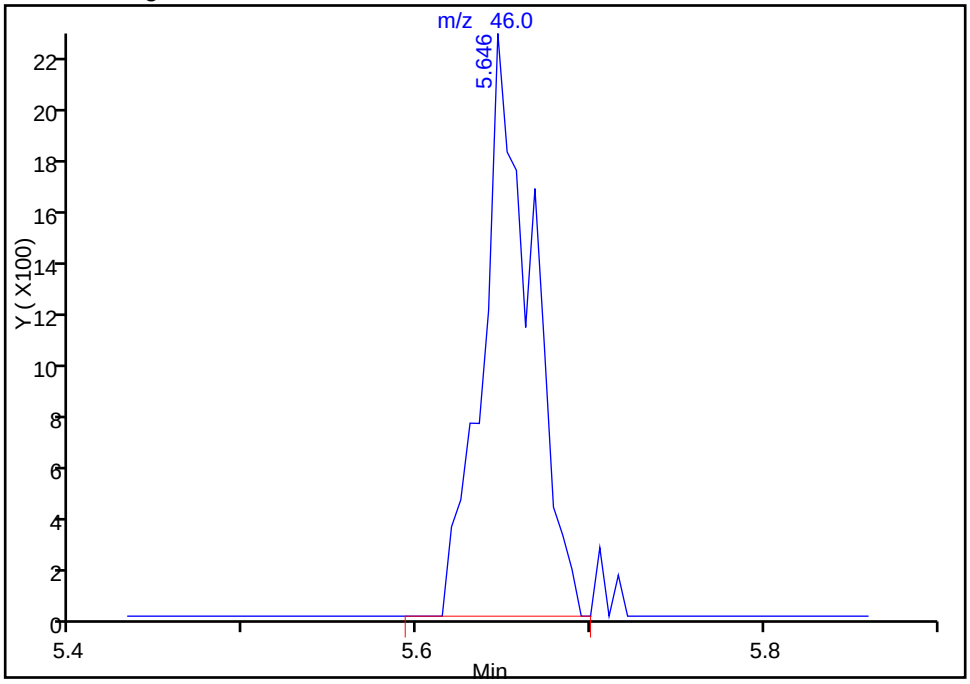
Processing Integration Results

RT: 5.65
Area: 3288
Amount: 0.513805
Amount Units: ppb v/v



Manual Integration Results

RT: 5.65
Area: 4438
Amount: 1.053721
Amount Units: ppb v/v



Reviewer: lyonsb, 14-Jan-2015 08:40:52
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Client Sample ID: 4467 Lab Sample ID: 200-26247-10

Matrix: Air Lab File ID: 11618-025.D

Analysis Method: TO-15 Date Collected: 01/09/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/15/2015 05:13

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83373 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26247-1

SDG No.:

Client Sample ID: 4467 | Lab Sample ID: 200-26247-10

Matrix: Air | Lab File ID: 11618-025.D

Analysis Method: TO-15 | Date Collected: 01/09/2015 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 01/15/2015 05:13

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83373 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Client Sample ID: 4467 Lab Sample ID: 200-26247-10

Matrix: Air Lab File ID: 11618-025.D

Analysis Method: TO-15 Date Collected: 01/09/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/15/2015 05:13

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83373 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\11618-025.D
Lims ID: 200-26247-A-10 Lab Sample ID: 200-26247-10
Client ID: 4467
Sample Type: Client
Inject. Date: 15-Jan-2015 05:13:30 ALS Bottle#: 8 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011618-025
Misc. Info.: 26247-10
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 15-Jan-2015 09:25:18 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: desjardinsb Date: 15-Jan-2015 09:25:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.065				ND	
2 Dichlorodifluoromethane	85		3.140				ND	
3 Chlorodifluoromethane	51		3.188				ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.408				ND	
5 Chloromethane	50		3.541				ND	
6 Butane	43		3.745				ND	
7 Vinyl chloride	62		3.787				ND	
8 Butadiene	54		3.868				ND	
9 Bromomethane	94		4.547				ND	
10 Chloroethane	64		4.777				ND	
12 Vinyl bromide	106		5.162				ND	
13 Trichlorofluoromethane	101		5.253				ND	
15 Ethanol	45		5.826				ND	
18 1,1,2-Trichloro-1,2,2-trif	101		6.312				ND	
20 1,1-Dichloroethene	96		6.366				ND	
21 Acetone	43		6.612				ND	
22 Carbon disulfide	76		6.762				ND	
23 Isopropyl alcohol	45		6.890				ND	
24 3-Chloro-1-propene	41		7.147				ND	
26 Methylene Chloride	49		7.447				ND	
28 2-Methyl-2-propanol	59		7.655				ND	
29 Methyl tert-butyl ether	73		7.832				ND	
30 trans-1,2-Dichloroethene	61		7.875				ND	
32 Hexane	57		8.244				ND	
33 1,1-Dichloroethane	63		8.752				ND	
34 Vinyl acetate	43		8.821				ND	
35 cis-1,2-Dichloroethene	96		9.870				ND	
36 2-Butanone (MEK)	72		9.923				ND	
37 Ethyl acetate	88		9.945				ND	
S 38 1,2-Dichloroethene, Total	61		10.000				ND	
39 Tetrahydrofuran	42		10.335				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 40 Chlorobromomethane	128	10.319	10.341	-0.022	90	123309	10.0	
41 Chloroform	83		10.469				ND	
42 Cyclohexane	84		10.710				ND	
43 1,1,1-Trichloroethane	97		10.747				ND	
44 Carbon tetrachloride	117		10.999				ND	
45 Isooctane	57		11.432				ND	
46 Benzene	78		11.480				ND	
47 1,2-Dichloroethane	62		11.678				ND	
48 n-Heptane	43		11.817				ND	
* 50 1,4-Difluorobenzene	114	12.320	12.342	-0.022	95	720158	10.0	
52 Trichloroethene	95		12.818				ND	
53 1,2-Dichloropropane	63		13.411				ND	
54 Methyl methacrylate	69		13.567				ND	
55 1,4-Dioxane	88		13.631				ND	
56 Dibromomethane	174		13.679				ND	
57 Dichlorobromomethane	83		13.984				ND	
58 cis-1,3-Dichloropropene	75		14.958				ND	
61 4-Methyl-2-pentanone (MIBK	43		15.252				ND	
62 Toluene	92		15.562				ND	
67 trans-1,3-Dichloropropene	75		16.183				ND	
68 1,1,2-Trichloroethane	83		16.573				ND	
69 Tetrachloroethene	166		16.669				ND	
70 2-Hexanone	43		17.017				ND	
71 Chlorodibromomethane	129		17.354				ND	
72 Ethylene Dibromide	107		17.638				ND	
* 73 Chlorobenzene-d5	117	18.537	18.542	-0.005	88	746323	10.0	
74 Chlorobenzene	112		18.601				ND	
75 Ethylbenzene	91		18.745				ND	
77 m-Xylene & p-Xylene	106		19.002				ND	
78 o-Xylene	106		19.810				ND	
79 Styrene	104		19.858				ND	
S 80 Xylenes, Total	106		20.000				ND	
81 Bromoform	173		20.259				ND	
82 Isopropylbenzene	105		20.436				ND	
* 83 4-Bromofluorobenzene	95	20.789	20.794	-0.005	91	549999	10.0	
85 1,1,2,2-Tetrachloroethane	83		21.056				ND	
86 N-Propylbenzene	91		21.115				ND	
89 4-Ethyltoluene	105		21.292				ND	
90 2-Chlorotoluene	91		21.313				ND	
91 1,3,5-Trimethylbenzene	105		21.393				ND	
93 tert-Butylbenzene	119		21.864				ND	
94 1,2,4-Trimethylbenzene	105		21.955				ND	
95 sec-Butylbenzene	105		22.180				ND	
96 4-Isopropyltoluene	119		22.372				ND	
97 1,3-Dichlorobenzene	146		22.420				ND	
98 1,4-Dichlorobenzene	146		22.559				ND	
99 Benzyl chloride	91		22.763				ND	
101 n-Butylbenzene	91		22.966				ND	
102 1,2-Dichlorobenzene	146		23.121				ND	
104 1,2,4-Trichlorobenzene	180		25.780				ND	
105 Hexachlorobutadiene	225		25.967				ND	
106 Naphthalene	128		26.320				ND	

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

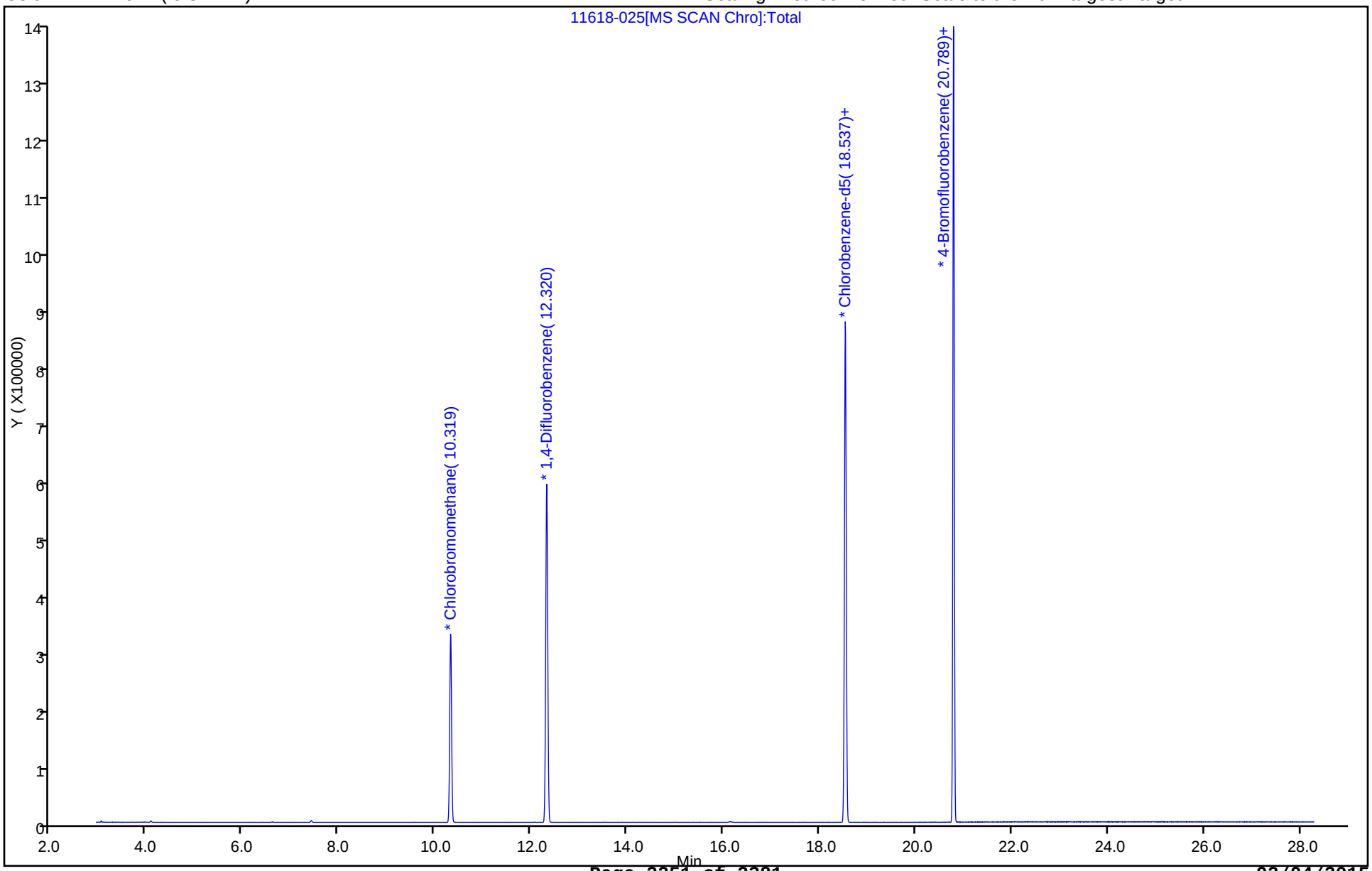
Report Date: 15-Jan-2015 09:25:54 Chrom Revision: 2.2 29-Dec-2014 08:28:38

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\11618-025.D

Injection Date:	15-Jan-2015 05:13:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	200-26247-A-10	Lab Sample ID:	200-26247-10	Worklist Smp#:	25
Client ID:	4467				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	8
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Client Sample ID: 3404 Lab Sample ID: 200-26260-6

Matrix: Air Lab File ID: 11618-026.D

Analysis Method: TO-15 Date Collected: 01/10/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/15/2015 06:10

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83373 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-26260-1

SDG No.:

Client Sample ID: 3404 | Lab Sample ID: 200-26260-6

Matrix: Air | Lab File ID: 11618-026.D

Analysis Method: TO-15 | Date Collected: 01/10/2015 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 01/15/2015 06:10

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 83373 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Client Sample ID: 3404 Lab Sample ID: 200-26260-6

Matrix: Air Lab File ID: 11618-026.D

Analysis Method: TO-15 Date Collected: 01/10/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/15/2015 06:10

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 83373 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\11618-026.D
Lims ID: 200-26260-A-6 Lab Sample ID: 200-26260-6
Client ID: 3404
Sample Type: Client
Inject. Date: 15-Jan-2015 06:10:30 ALS Bottle#: 9 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0011618-026
Misc. Info.: 26260-6
Operator ID: wrd Instrument ID: CHX.i

Method: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\TO15_LLNJ_TO3_CHX.i.m.m
Limit Group: AI_TO15_ICAL
Last Update: 15-Jan-2015 09:25:18 Calib Date: 10-Nov-2014 21:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHX.i\20141110-10468.b\10468-011.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: desjardinsb Date: 15-Jan-2015 09:26:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.065				ND	
2 Dichlorodifluoromethane	85		3.140				ND	
3 Chlorodifluoromethane	51		3.188				ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.408				ND	
5 Chloromethane	50		3.541				ND	
6 Butane	43		3.745				ND	
7 Vinyl chloride	62		3.787				ND	
8 Butadiene	54		3.868				ND	
9 Bromomethane	94		4.547				ND	
10 Chloroethane	64		4.777				ND	
12 Vinyl bromide	106		5.162				ND	
13 Trichlorofluoromethane	101		5.253				ND	
15 Ethanol	45		5.826				ND	
18 1,1,2-Trichloro-1,2,2-trif	101		6.312				ND	
20 1,1-Dichloroethene	96		6.366				ND	
21 Acetone	43		6.612				ND	
22 Carbon disulfide	76		6.762				ND	
23 Isopropyl alcohol	45		6.890				ND	
24 3-Chloro-1-propene	41		7.147				ND	
26 Methylene Chloride	49		7.447				ND	
28 2-Methyl-2-propanol	59		7.655				ND	
29 Methyl tert-butyl ether	73		7.832				ND	
30 trans-1,2-Dichloroethene	61		7.875				ND	
32 Hexane	57		8.244				ND	
33 1,1-Dichloroethane	63		8.752				ND	
34 Vinyl acetate	43		8.821				ND	
35 cis-1,2-Dichloroethene	96		9.870				ND	
36 2-Butanone (MEK)	72		9.923				ND	
37 Ethyl acetate	88		9.945				ND	
S 38 1,2-Dichloroethene, Total	61		10.000				ND	
39 Tetrahydrofuran	42		10.335				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 40 Chlorobromomethane	128	10.325	10.341	-0.016	90	126192	10.0	
41 Chloroform	83		10.469				ND	
42 Cyclohexane	84		10.710				ND	
43 1,1,1-Trichloroethane	97		10.747				ND	
44 Carbon tetrachloride	117		10.999				ND	
45 Isooctane	57		11.432				ND	
46 Benzene	78		11.480				ND	
47 1,2-Dichloroethane	62		11.678				ND	
48 n-Heptane	43		11.817				ND	
* 50 1,4-Difluorobenzene	114	12.320	12.342	-0.022	95	747959	10.0	
52 Trichloroethene	95		12.818				ND	
53 1,2-Dichloropropane	63		13.411				ND	
54 Methyl methacrylate	69		13.567				ND	
55 1,4-Dioxane	88		13.631				ND	
56 Dibromomethane	174		13.679				ND	
57 Dichlorobromomethane	83		13.984				ND	
58 cis-1,3-Dichloropropene	75		14.958				ND	
61 4-Methyl-2-pentanone (MIBK	43		15.252				ND	
62 Toluene	92		15.562				ND	
67 trans-1,3-Dichloropropene	75		16.183				ND	
68 1,1,2-Trichloroethane	83		16.573				ND	
69 Tetrachloroethene	166		16.669				ND	
70 2-Hexanone	43		17.017				ND	
71 Chlorodibromomethane	129		17.354				ND	
72 Ethylene Dibromide	107		17.638				ND	
* 73 Chlorobenzene-d5	117	18.536	18.542	-0.006	88	768328	10.0	
74 Chlorobenzene	112		18.601				ND	
75 Ethylbenzene	91		18.745				ND	
77 m-Xylene & p-Xylene	106		19.002				ND	
78 o-Xylene	106		19.810				ND	
79 Styrene	104		19.858				ND	
S 80 Xylenes, Total	106		20.000				ND	
81 Bromoform	173		20.259				ND	
82 Isopropylbenzene	105		20.436				ND	
* 83 4-Bromofluorobenzene	95	20.789	20.794	-0.005	92	564996	10.0	
85 1,1,2,2-Tetrachloroethane	83		21.056				ND	
86 N-Propylbenzene	91		21.115				ND	
89 4-Ethyltoluene	105		21.292				ND	
90 2-Chlorotoluene	91		21.313				ND	
91 1,3,5-Trimethylbenzene	105		21.393				ND	
93 tert-Butylbenzene	119		21.864				ND	
94 1,2,4-Trimethylbenzene	105		21.955				ND	
95 sec-Butylbenzene	105		22.180				ND	
96 4-Isopropyltoluene	119		22.372				ND	
97 1,3-Dichlorobenzene	146		22.420				ND	
98 1,4-Dichlorobenzene	146		22.559				ND	
99 Benzyl chloride	91		22.763				ND	
101 n-Butylbenzene	91		22.966				ND	
102 1,2-Dichlorobenzene	146		23.121				ND	
104 1,2,4-Trichlorobenzene	180		25.780				ND	
105 Hexachlorobutadiene	225		25.967				ND	
106 Naphthalene	128		26.320				ND	

Reagents:

ATTO15GIS_00009 Amount Added: 20.00 Units: mL Run Reagent

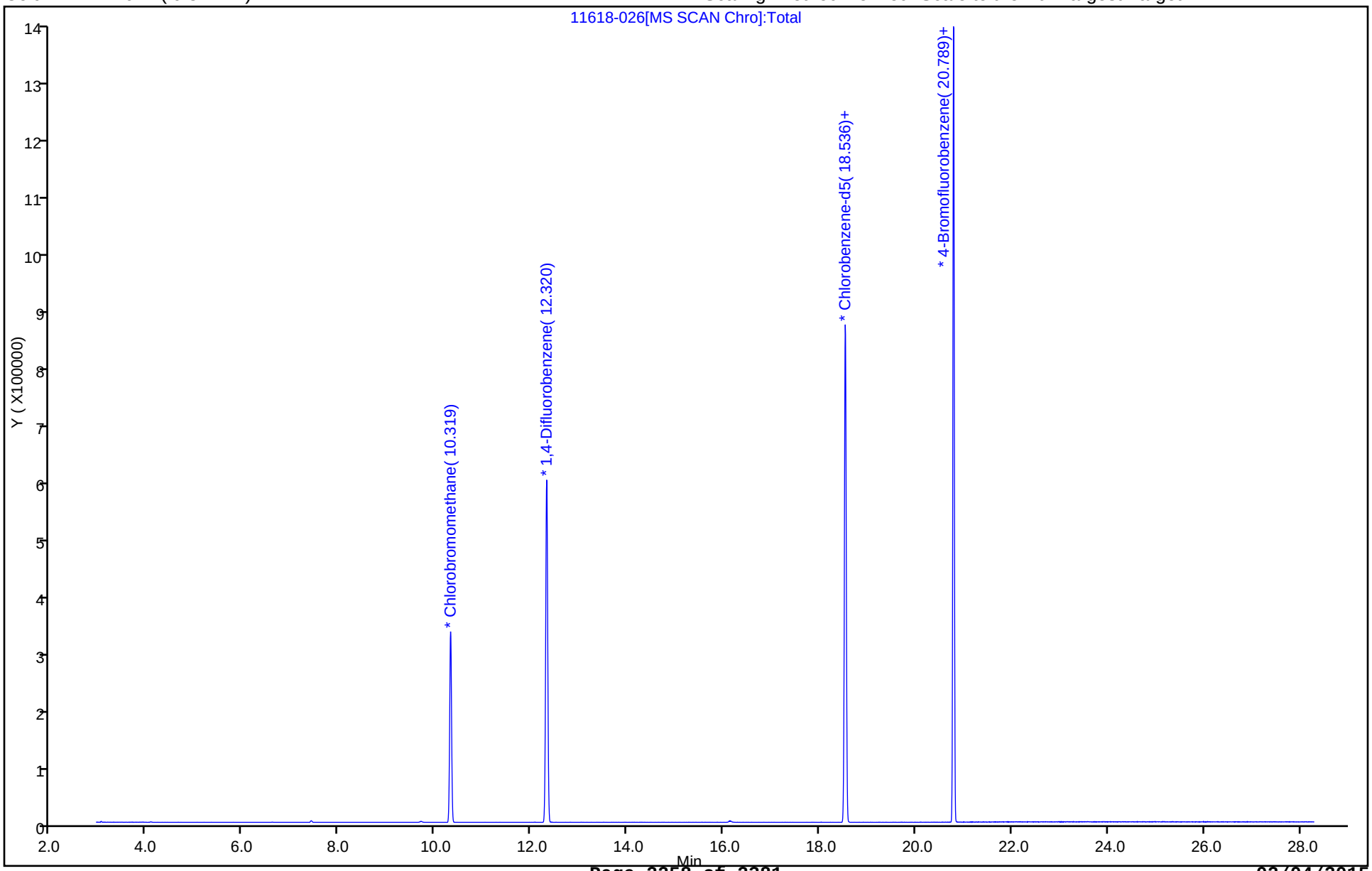
Report Date: 15-Jan-2015 09:26:22 Chrom Revision: 2.2 29-Dec-2014 08:28:38

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHX.i\20150114-11618.b\11618-026.D

Injection Date:	15-Jan-2015 06:10:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	200-26260-A-6	Lab Sample ID:	200-26260-6	Worklist Smp#:	26
Client ID:	3404				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	9
Method:	TO15_LLNJ_TO3_CHX.i.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26088-1 Analy Batch No.: 82265

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/17/2014 14:30 Calibration End Date: 12/18/2014 09:40 Calibration ID: 29263

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-82265/4	11193_004.d
Level 2	IC 200-82265/5	11193_005.d
Level 3	IC 200-82265/6	11193_006.d
Level 4	IC 200-82265/7	11193_007.d
Level 5	ICIS 200-82265/8	11193_008.d
Level 6	IC 200-82265/9	11193_009.d
Level 7	IC 200-82265/10	11193_010.d
Level 8	IC 200-82265/17	11193_017.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.7222	+++++ 0.7386	1.0638 0.6257	0.8446	0.8136	Ave		0.8014				19.0		30.0			
Dichlorodifluoromethane	+++++ 2.6776	+++++ 2.8027	3.3422 2.2974	3.0187	2.9665	Ave		2.8509				12.0		30.0			
Freon 22	+++++ 1.3952	+++++ 1.4470	1.7475 1.2134	1.6050	1.5612	Ave		1.4949				12.0		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.7216	2.6331 2.8641	3.4100 2.3454	3.0676	3.0380	Ave		2.8685				12.0		30.0			
Chloromethane	+++++ 0.8605	+++++ 0.8918	1.1319 0.7606	0.9821	0.9546	Ave		0.9303				14.0		30.0			
n-Butane	+++++ 1.4826	+++++ 1.4884	2.1052 1.2788	1.7244	1.6742	Ave		1.6256				17.0		30.0			
Vinyl chloride	0.9915 1.0859	1.0436 1.1151	1.2833 0.9476	1.2231	1.2048	Ave		1.1119				11.0		30.0			
1,3-Butadiene	+++++ 0.8016	0.8001 0.8061	0.9657 0.6895	0.9098	0.8902	Ave		0.8376				11.0		30.0			
Bromomethane	+++++ 1.0959	1.1265 1.1492	1.3874 0.9479	1.2248	1.2006	Ave		1.1618				12.0		30.0			
Chloroethane	+++++ 0.5907	+++++ 0.6189	0.7095 0.5252	0.6586	0.6362	Ave		0.6232				10.0		30.0			
Isopentane	+++++ 1.0741	1.2465 1.1057	1.4348 0.9389	1.2359	1.1934	Ave		1.1756				13.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.2478	1.1640 1.3361	1.4483 1.1529	1.3569	1.3605	Ave		1.2952				8.5		30.0			
Trichlorofluoromethane	+++++ 2.7733	2.6623 2.9086	3.3744 2.4676	3.0926	3.0483	Ave		2.9039				10.0		30.0			
n-Pentane	+++++ 1.6465	+++++ 1.6968	2.2887 1.4492	1.9048	1.8554	Ave		1.8069				16.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26088-1 Analy Batch No.: 82265

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/17/2014 14:30 Calibration End Date: 12/18/2014 09:40 Calibration ID: 29263

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.3675	+++++ 0.3838	0.4124 0.3579	0.4245	0.3905	Ave		0.3895				6.6		30.0			
Ethyl ether	+++++ 0.6530	0.6799 0.7526	0.8497 0.6355	0.7757	0.7857	Ave		0.7332				11.0		30.0			
Acrolein	+++++ 0.3305	+++++ 0.2883	+++++ 0.2632	0.3668	0.3189	Ave		0.3135				13.0		30.0			
Freon TF	+++++ 2.2711	2.1775 2.4034	2.7344 2.0525	2.5024	2.4882	Ave		2.3756				9.6		30.0			
1,1-Dichloroethene	+++++ 1.1660	1.0965 1.2388	1.4353 1.0583	1.2667	1.2562	Ave		1.2168				10.0		30.0			
Acetone	+++++ 1.2607	+++++ 1.6425	+++++ 1.1462	1.7930	1.8533	Ave		1.5391				21.0		30.0			
Carbon disulfide	+++++ 2.8636	+++++ 3.0631	3.6888 2.5470	3.1465	3.1299	Ave		3.0731				12.0		30.0			
Isopropyl alcohol	+++++ 1.2627	+++++ 1.4431	+++++ 1.0686	1.5134	1.5042	Ave		1.3584				14.0		30.0			
3-Chloropropene	+++++ 1.2171	1.0342 1.1751	1.4349 1.0722	1.3924	1.2731	Ave		1.2284				12.0		30.0			
Acetonitrile	+++++ 0.6070	+++++ 0.7100	+++++ 0.5683	0.7256	0.7464	Ave		0.6715				12.0		30.0			
Methylene Chloride	+++++ 1.0003	+++++ 1.0427	1.4484 0.8860	1.1527	1.1213	Ave		1.1086				17.0		30.0			
tert-Butyl alcohol	+++++ 1.8299	+++++ 2.1650	+++++ 1.5750	2.0568	2.1811	Ave		1.9615				13.0		30.0			
Methyl tert-butyl ether	+++++ 2.9667	2.9905 3.3337	3.6816 2.7763	3.5020	3.4207	Ave		3.2388				10.0		30.0			
trans-1,2-Dichloroethene	+++++ 1.4173	1.3237 1.4828	1.7096 1.2550	1.5953	1.5792	Ave		1.4804				11.0		30.0			
Acrylonitrile	+++++ 0.6706	+++++ 0.7446	0.8403 0.6391	0.7623	0.7712	Ave		0.7380				9.9		30.0			
n-Hexane	+++++ 1.6151	1.5875 1.6991	2.1797 1.4364	1.8352	1.8093	Ave		1.7375				14.0		30.0			
1,1-Dichloroethane	1.8960 1.8626	1.7159 1.9657	2.3395 1.6557	2.1054	2.0861	Ave		1.9533				11.0		30.0			
Vinyl acetate	+++++ 2.2863	+++++ 2.4076	+++++ 2.0498	2.6831	2.6169	Ave		2.4087				11.0		30.0			
cis-1,2-Dichloroethene	+++++ 1.3070	1.3165 1.4212	1.5825 1.2026	1.4311	1.4379	Ave		1.3856				8.8		30.0			
Methyl Ethyl Ketone	+++++ 0.5654	+++++ 0.6443	0.8185 0.5162	0.6902	0.6872	Ave		0.6536				16.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26088-1 Analy Batch No.: 82265

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/17/2014 14:30 Calibration End Date: 12/18/2014 09:40 Calibration ID: 29263

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.1002	+++++ 0.1131	+++++ 0.0974	0.1163	0.1165	Ave		0.1087				8.4		30.0			
Tetrahydrofuran	+++++ 0.2175	+++++ 0.2370	+++++ 0.2001	0.2575	0.2500	Ave		0.2324				10.0		30.0			
Chloroform	+++++ 2.1997	2.0955 2.3628	2.6882 1.9863	2.4673	2.4422	Ave		2.3203				10.0		30.0			
Cyclohexane	+++++ 0.3592	0.3697 0.3882	0.4245 0.3308	0.3904	0.3956	Ave		0.3798				7.9		30.0			
1,1,1-Trichloroethane	+++++ 0.4829	0.4321 0.5230	0.5708 0.4477	0.5276	0.5344	Ave		0.5026				10.0		30.0			
Carbon tetrachloride	0.4336 0.5237	0.4557 0.5740	0.5790 0.4981	0.5555	0.5695	Ave		0.5236				11.0		30.0			
2,2,4-Trimethylpentane	+++++ 1.1047	1.0477 1.1887	1.3749 0.9682	1.2693	1.2580	Ave		1.1731				12.0		30.0			
Benzene	+++++ 0.7550	0.7373 0.8203	0.9238 0.6926	0.8297	0.8354	Ave		0.7992				9.6		30.0			
1,2-Dichloroethane	+++++ 0.2654	0.2529 0.2881	0.3183 0.2464	0.3004	0.3025	Ave		0.2820				9.7		30.0			
n-Heptane	+++++ 0.3780	0.3818 0.4028	0.5171 0.3294	0.4457	0.4360	Ave		0.4130				15.0		30.0			
n-Butanol	+++++ 0.1281	+++++ 0.1388	+++++ 0.1159	0.1350	0.1314	Ave		0.1298				6.7		30.0			
Trichloroethene	0.3435 0.3354	0.3223 0.3748	0.4088 0.3218	0.3645	0.3755	Ave		0.3558				8.6		30.0			
1,2-Dichloropropane	+++++ 0.2623	0.2530 0.2900	0.3189 0.2470	0.2982	0.2983	Ave		0.2811				9.6		30.0			
Methyl methacrylate	+++++ 0.2639	+++++ 0.2944	0.3112 0.2514	0.2938	0.2936	Ave		0.2847				7.9		30.0			
1,4-Dioxane	+++++ 0.1259	+++++ 0.1522	+++++ 0.1129	0.1383	0.1426	Ave		0.1344				11.0		30.0			
Dibromomethane	+++++ 0.3943	0.3655 0.4595	0.4492 0.4085	0.4145	0.4347	Ave		0.4180				7.8		30.0			
Bromodichloromethane	+++++ 0.4973	0.4586 0.5607	0.5824 0.4769	0.5557	0.5665	Ave		0.5283				9.4		30.0			
cis-1,3-Dichloropropene	+++++ 0.3985	0.3570 0.4486	0.4527 0.3867	0.4457	0.4482	Ave		0.4196				9.2		30.0			
methyl isobutyl ketone	+++++ 0.5020	+++++ 0.5165	0.6021 0.4127	0.5581	0.5368	Ave		0.5214				12.0		30.0			
n-Octane	+++++ 0.4970	0.5421 0.5195	0.7113 0.3814	0.6091	0.5962	Ave		0.5509				19.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26088-1 Analy Batch No.: 82265

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/17/2014 14:30 Calibration End Date: 12/18/2014 09:40 Calibration ID: 29263

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Toluene	+++++ 0.6220	0.6101 0.6898	0.7671 0.5701	0.7026	0.7029	Ave		0.6664				10.0		30.0			
trans-1,3-Dichloropropene	+++++ 0.3977	0.3280 0.4430	0.4345 0.3845	0.4322	0.4403	Ave		0.4086				10.0		30.0			
1,1,2-Trichloroethane	+++++ 0.2828	0.2750 0.3196	0.3545 0.2778	0.3154	0.3206	Ave		0.3065				9.5		30.0			
Tetrachloroethene	0.6340 0.6422	0.5813 0.7376	0.7513 0.6575	0.6814	0.7021	Ave		0.6734				8.4		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.5173	+++++ 0.5246	0.6402 0.4263	0.5608	0.5355	Ave		0.5341				13.0		30.0			
Dibromochloromethane	+++++ 0.6759	0.5635 0.7701	0.7229 0.6783	0.7201	0.7414	Ave		0.6960				9.7		30.0			
1,2-Dibromoethane	+++++ 0.5617	0.5134 0.6399	0.6552 0.5584	0.6098	0.6227	Ave		0.5944				8.6		30.0			
Chlorobenzene	+++++ 0.8911	0.8430 0.9999	1.0675 0.8527	0.9719	0.9917	Ave		0.9454				8.9		30.0			
Ethylbenzene	+++++ 1.3290	1.2833 1.4503	1.6224 1.1798	1.4544	1.4886	Ave		1.4011				11.0		30.0			
n-Nonane	+++++ 0.5787	0.5412 0.6074	0.7486 0.4838	0.6545	0.6545	Ave		0.6098				14.0		30.0			
m,p-Xylene	+++++ 0.5854	0.5258 0.6348	0.6894 0.4989	0.6306	0.6541	Ave		0.6027				12.0		30.0			
Xylene, o-	+++++ 0.5942	0.5449 0.6511	0.6776 0.5517	0.6287	0.6497	Ave		0.6140				8.4		30.0			
Styrene	+++++ 0.9262	0.8181 1.0086	1.0201 0.8398	0.9707	1.0073	Ave		0.9416				8.9		30.0			
Bromoform	+++++ 0.7906	0.5652 0.8902	0.7369 0.7720	0.7624	0.8242	Ave		0.7631				13.0		30.0			
Cumene	+++++ 1.6076	1.5184 1.7159	1.8856 1.3276	1.7679	1.7732	Ave		1.6566				11.0		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7764	0.7332 0.8240	0.8931 0.6688	0.8352	0.8353	Ave		0.7951				9.4		30.0			
n-Propylbenzene	+++++ 1.8398	1.7466 1.9182	2.1715 1.4029	2.0348	2.0322	Ave		1.8780				13.0		30.0			
1,2,3-Trichloropropane	+++++ 0.5753	+++++ 0.6070	0.6833 0.4859	0.6328	0.6307	Ave		0.6025				11.0		30.0			
n-Decane	+++++ 0.7566	+++++ 0.7706	0.9383 0.5726	0.8633	0.8416	Ave		0.7905				16.0		30.0			
4-Ethyltoluene	+++++ 1.6274	1.5105 1.7240	1.8667 1.2986	1.7633	1.7676	Ave		1.6512				12.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26088-1 Analy Batch No.: 82265

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/17/2014 14:30 Calibration End Date: 12/18/2014 09:40 Calibration ID: 29263

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 1.2994	1.2169 1.3845	1.4826 1.1020	1.3971	1.4230	Ave		1.3294				10.0		30.0			
1,3,5-Trimethylbenzene	+++++ 1.3690	1.2255 1.4592	1.5557 1.1314	1.4821	1.4810	Ave		1.3863				11.0		30.0			
Alpha Methyl Styrene	+++++ 0.7862	0.6210 0.8475	0.7936 0.7207	0.7940	0.8134	Ave		0.7681				9.8		30.0			
tert-Butylbenzene	+++++ 1.3831	1.2511 1.4814	1.5463 1.1721	1.4725	1.4827	Ave		1.3985				9.9		30.0			
1,2,4-Trimethylbenzene	+++++ 1.3890	1.2641 1.4736	1.5335 1.1534	1.4757	1.4872	Ave		1.3966				9.9		30.0			
sec-Butylbenzene	+++++ 1.9902	1.8420 2.0880	2.2508 1.5412	2.1678	2.1620	Ave		2.0060				12.0		30.0			
4-Isopropyltoluene	+++++ 1.7639	1.5796 1.8552	1.9369 1.3909	1.8772	1.8799	Ave		1.7548				11.0		30.0			
1,3-Dichlorobenzene	+++++ 1.0768	0.8905 1.1730	1.1228 0.9789	1.0683	1.1194	Ave		1.0614				9.1		30.0			
1,4-Dichlorobenzene	+++++ 1.0640	0.9046 1.1675	1.1115 0.9762	1.0328	1.1030	Ave		1.0514				8.5		30.0			
Benzyl chloride	+++++ 1.1782	0.6287 0.9376	0.7362 0.9758	1.1443	0.8734	Ave		0.9249				22.0		30.0			
n-Undecane	+++++ 0.7976	+++++ 0.7932	+++++ 0.5384	0.9342	0.8955	Ave		0.7918				19.0		30.0			
n-Butylbenzene	+++++ 1.4665	1.3895 1.5063	1.6210 1.0904	1.6066	1.5921	Ave		1.4675				13.0		30.0			
1,2-Dichlorobenzene	+++++ 1.0274	0.8940 1.1160	1.0798 0.9419	1.0287	1.0608	Ave		1.0212				7.6		30.0			
n-Dodecane	+++++ 0.6573	+++++ 0.6549	+++++ 0.2060	0.7484	0.7075	Ave		0.5948				37.0	*	30.0			
1,2,4-Trichlorobenzene	+++++ 0.8550	+++++ 0.9512	0.7037 0.7509	0.7020	0.7979	Ave		0.7935				12.0		30.0			
Hexachlorobutadiene	+++++ 0.8219	0.6851 0.9066	0.7983 0.6611	0.7847	0.8127	Ave		0.7815				11.0		30.0			
Naphthalene	+++++ 1.7544	+++++ 1.9088	1.3745 1.3672	1.6489	1.7114	Ave		1.6275				13.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.7643	0.6416 0.8514	0.6808 0.5393	0.6311	0.7096	Ave		0.6883				15.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26088-1 Analy Batch No.: 82265

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/17/2014 14:30 Calibration End Date: 12/18/2014 09:40 Calibration ID: 29263

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-82265/4	11193_004.d
Level 2	IC 200-82265/5	11193_005.d
Level 3	IC 200-82265/6	11193_006.d
Level 4	IC 200-82265/7	11193_007.d
Level 5	ICIS 200-82265/8	11193_008.d
Level 6	IC 200-82265/9	11193_009.d
Level 7	IC 200-82265/10	11193_010.d
Level 8	IC 200-82265/17	11193_017.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 524722	+++++ 693440	21904 1511566	172555	356732	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1945463	+++++ 2631407	68814 5550404	616757	1300741	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 1013719	+++++ 1358499	35980 2931483	327929	684557	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1977401	24103 2689040	70211 5666242	626746	1332074	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 625191	+++++ 837281	23306 1837617	200662	418564	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 1077197	+++++ 1397406	43345 3089575	352328	734095	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1732 789008	9553 1046911	26423 2289440	249907	528263	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	+++++ 582387	7324 756845	19884 1665846	185890	390316	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 796231	10312 1078972	28566 2290170	250238	526444	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 429163	+++++ 581069	14608 1268947	134562	278937	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 780374	11410 1038155	29542 2268204	252512	523255	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 906603	10655 1254420	29820 2785227	277228	596540	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 2015003	24370 2730790	69477 5961528	631861	1336604	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 1196303	+++++ 1593036	47123 3501120	389178	813553	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 356788	+++++ 720874	85024 2161918	173565	256952	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26088-1 Analy Batch No.: 82265

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/17/2014 14:30 Calibration End Date: 12/18/2014 09:40 Calibration ID: 29263

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 474469	6224 706609	17495 1535299	158486	344514	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 240143	+++++ 270630	+++++ 635762	74933	139828	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 1650143	19932 2256438	56301 4958688	511273	1090998	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	+++++ 847214	10037 1163027	29552 2556838	258804	550800	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 915954	+++++ 1542062	+++++ 2769026	366344	812635	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 2080585	+++++ 2875862	75951 6153366	642875	1372367	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 917452	+++++ 1354842	+++++ 2581685	309213	659530	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 884323	9467 1103224	29545 2590312	284479	558196	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 441014	+++++ 666605	+++++ 1372919	148259	327257	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 726817	+++++ 978990	29821 2140414	235516	491654	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 1329533	+++++ 2032613	+++++ 3805190	420225	956346	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 2155527	27374 3129892	75803 6707389	715504	1499890	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 1029730	12117 1392158	35199 3031930	325942	692441	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 487217	+++++ 699068	17302 1544122	155752	338154	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 1173501	14532 1595224	44880 3470177	374954	793341	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	3312 1353303	15707 1845504	48170 4000126	430155	914681	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 1661142	+++++ 2260399	+++++ 4952133	548202	1147451	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	+++++ 949641	12051 1334364	32583 2905476	292402	630488	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 410782	+++++ 604942	16852 1247168	141008	301338	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 72808	+++++ 106144	+++++ 235322	23756	51063	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	+++++ 757711	+++++ 1053869	+++++ 2234797	256840	526549	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26088-1 Analy Batch No.: 82265

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/17/2014 14:30 Calibration End Date: 12/18/2014 09:40 Calibration ID: 29263

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1598204	19182 2218322	55350 4798729	504106	1070834	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	+++++ 1251393	16763 1725867	43168 3694122	389451	833292	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	+++++ 1682026	19593 2325211	58044 4999115	526288	1125673	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	3746 1824483	20663 2552128	58878 5561102	554179	1199735	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	+++++ 3848357	47504 5285043	139817 10810598	1266258	2649993	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	+++++ 2630213	33428 3646987	93944 7733389	827736	1759827	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	+++++ 924567	11468 1281068	32365 2751500	299681	637219	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	+++++ 1316692	17310 1791094	52582 3678405	444592	918552	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	+++++ 446362	+++++ 616956	+++++ 1293604	134659	276909	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	2968 1168429	14612 1666182	41572 3592963	363588	791056	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	+++++ 913639	11471 1289518	32432 2757392	297508	628423	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	+++++ 919166	+++++ 1308849	31649 2807153	293073	618544	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	+++++ 438729	+++++ 676762	+++++ 1260177	138009	300370	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	+++++ 1373420	16574 2042990	45676 4561600	413553	915634	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	+++++ 1732372	20791 2493021	59225 5324695	554349	1193414	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1388347	16188 1994514	46038 4317934	444590	944239	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	+++++ 1748561	+++++ 2296602	61233 4607643	556745	1130751	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	+++++ 1731263	24580 2309579	72335 4259083	607599	1255965	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	+++++ 2035466	25273 2892503	71856 5848733	654575	1392235	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1385418	14872 1969651	44184 4293409	431204	927455	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	+++++ 925253	11393 1340016	33208 2850316	293837	634968	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26088-1 Analy Batch No.: 82265

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/17/2014 14:30 Calibration End Date: 12/18/2014 09:40 Calibration ID: 29263

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	5016 2101363	24079 3092717	70376 6745291	634782	1390632	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1692855	+++++ 2199563	59969 4373551	522480	1060710	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	+++++ 2211802	23343 3229054	67717 6959664	670859	1468598	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	+++++ 1837998	21268 2683302	61378 5728985	568107	1233359	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	+++++ 2915877	34922 4192786	100001 8748055	905426	1964246	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	+++++ 4348734	53160 6081344	151976 12104676	1354986	2948488	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	+++++ 1893558	22420 2546895	70122 4963439	609756	1296358	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	+++++ 3831104	43560 5323760	129150 10237217	1174877	2591107	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	+++++ 1944424	22571 2730263	63474 5660231	585739	1286966	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	+++++ 3030903	33890 4229325	95553 8615748	904368	1995245	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	+++++ 2586954	23411 3732847	69024 7920889	710295	1632468	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	+++++ 5260413	62897 7194949	176636 13621081	1647003	3512122	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2540503	30373 3455250	83664 6861279	778131	1654402	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	+++++ 6020175	72352 8043276	203410 14393341	1895644	4025218	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1882670	+++++ 2545221	64005 4985450	589488	1249138	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	+++++ 2475832	+++++ 3231258	87897 5874322	804228	1667062	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	+++++ 5325161	62573 7228962	174862 13322885	1642722	3501169	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	+++++ 4251843	50411 5805529	138885 11306452	1301595	2818512	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 4479754	50765 6118840	145726 11608135	1380779	2933419	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	+++++ 2572761	25724 3553569	74336 7394427	739713	1611113	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	+++++ 4525798	51824 6211904	144850 12025014	1371824	2936849	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26088-1 Analy Batch No.: 82265

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/17/2014 14:30 Calibration End Date: 12/18/2014 09:40 Calibration ID: 29263

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 4544994	52366 6179199	143649 11833933	1374755	2945692	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	+++++ 6512362	76303 8755265	210837 15812310	2019590	4282381	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	+++++ 5771933	65432 7779234	181434 14269897	1748827	3723607	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 3523477	36889 4918518	105177 10043461	995273	2217117	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 3481794	37472 4895545	104121 10015253	962140	2184633	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	+++++ 3855505	26044 3931628	68959 10011288	1066059	1729928	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	+++++ 2610086	+++++ 3326049	+++++ 5523850	870334	1773778	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	+++++ 4798649	57557 6316413	151842 11187302	1496783	3153464	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 3362041	37035 4679591	101145 9664035	958372	2101099	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	+++++ 2150981	+++++ 2746322	+++++ 2113832	697236	1401377	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 2797823	+++++ 3988789	65921 7704251	653960	1580466	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	+++++ 2689581	28380 3801769	74779 6783138	731021	1609729	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	+++++ 5740868	+++++ 8003827	128755 14026989	1536109	3389790	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 2500872	26576 3569995	63772 5532755	587946	1405443	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26192-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-81966/3	11069_03.D
Level 2	IC 200-81966/4	11069_04.D
Level 3	IC 200-81966/5	11069_05.D
Level 4	IC 200-81966/6	11069_06.D
Level 5	ICIS 200-81966/17	11064_17.D
Level 6	IC 200-81966/8	11069_08.D
Level 7	IC 200-81966/9	11069_09.D
Level 8	IC 200-81966/10	11069_10.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.8757	+++++ 0.8188	1.0439 0.8115	1.0292	0.9703	Ave		0.9249				11.0		30.0			
Dichlorodifluoromethane	+++++ 3.4672	+++++ 3.2553	3.6476 3.1292	3.9975	3.9034	Ave		3.5667				9.7		30.0			
Freon 22	+++++ 1.8680	+++++ 1.7225	1.8450 1.7189	2.1381	2.1242	Ave		1.9028				9.8		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.6468	2.8111 2.5162	2.9348 2.4356	3.1525	2.9487	Ave		2.7779				9.3		30.0			
Chloromethane	+++++ 0.9587	+++++ 0.8908	1.1582 0.8738	1.1176	1.0536	Ave		1.0088				12.0		30.0			
n-Butane	+++++ 1.4117	+++++ 1.3317	1.6333 1.2971	1.6293	1.5321	Ave		1.4725				10.0		30.0			
Vinyl chloride	1.2260 0.9904	0.9488 0.9415	1.0404 0.9340	1.1668	1.0975	Ave		1.0432				11.0		30.0			
1,3-Butadiene	+++++ 0.7004	0.6860 0.6678	0.7286 0.6613	0.8096	0.7415	Ave		0.7136				7.2		30.0			
Bromomethane	+++++ 1.0366	1.0898 0.9797	1.1064 0.9839	1.1832	1.1327	Ave		1.0732				7.1		30.0			
Chloroethane	+++++ 0.3857	+++++ 0.3657	0.3908 0.3671	0.4276	0.4162	Ave		0.3922				6.5		30.0			
Isopentane	+++++ 0.9228	1.1651 0.8702	1.0444 0.8615	1.0412	0.9658	Ave		0.9816				11.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.0375	1.0808 1.0003	1.0626 0.9916	1.1569	1.1392	Ave		1.0670				6.0		30.0			
Trichlorofluoromethane	+++++ 3.1676	3.4193 2.9886	3.2858 2.9329	3.5938	3.4144	Ave		3.2575				7.4		30.0			
n-Pentane	+++++ 1.4605	+++++ 1.3654	1.5806 1.3489	1.6543	1.5392	Ave		1.4915				8.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26192-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.3721	+++++ 0.3292	0.3416 0.3256	0.4092	0.3329	Ave		0.3518				9.3		30.0			
Ethyl ether	+++++ 0.5261	0.5797 0.4908	0.5875 0.4918	0.5781	0.5394	Ave		0.5419				7.6		30.0			
Acrolein	+++++ 0.2531	+++++ 0.2054	+++++ 0.2196	0.2541	0.2089	Ave		0.2282				10.0		30.0			
Freon TF	+++++ 1.9727	2.0997 1.8707	2.0453 1.8475	2.2263	2.1162	Ave		2.0255				6.8		30.0			
1,1-Dichloroethene	+++++ 0.8535	0.9330 0.8100	0.9359 0.7939	0.9762	0.9059	Ave		0.8869				7.8		30.0			
Acetone	+++++ 1.4858	+++++ 1.3395	+++++ 1.3015	1.8230	1.4806	Ave		1.4861				14.0		30.0			
Carbon disulfide	+++++ 2.5977	+++++ 2.4431	2.8512 2.4061	2.9243	2.7297	Ave		2.6587				8.0		30.0			
Isopropyl alcohol	+++++ 1.1599	+++++ 1.0276	+++++ 1.0028	1.2324	1.0832	Ave		1.1012				8.6		30.0			
3-Chloropropene	+++++ 1.2694	1.0990 1.1929	1.1153 1.1918	1.4157	1.2857	Ave		1.2243				9.0		30.0			
Acetonitrile	+++++ 0.6509	+++++ 0.6193	+++++ 0.5986	0.7091	0.6615	Ave		0.6479				6.5		30.0			
Methylene Chloride	+++++ 1.2314	+++++ 1.1607	1.6260 1.1320	1.4191	1.2757	Ave		1.3075				14.0		30.0			
tert-Butyl alcohol	+++++ 1.5550	+++++ 1.3619	+++++ 1.3484	1.6093	1.3925	Ave		1.4534				8.3		30.0			
Methyl tert-butyl ether	+++++ 2.4543	2.4358 2.3597	2.3593 2.3351	2.7716	2.4896	Ave		2.4579				6.1		30.0			
trans-1,2-Dichloroethene	+++++ 1.4911	1.6198 1.3969	1.5595 1.3739	1.6865	1.5289	Ave		1.5224				7.4		30.0			
Acrylonitrile	+++++ 0.5845	+++++ 0.5571	0.5329 0.5659	0.6349	0.5893	Ave		0.5774				6.0		30.0			
n-Hexane	+++++ 1.1749	1.2085 1.1253	1.2166 1.1104	1.3104	1.1987	Ave		1.1921				5.6		30.0			
1,1-Dichloroethane	2.2957 1.9227	2.0733 1.7931	1.9453 1.7745	2.1153	1.9148	Ave		1.9793				8.8		30.0			
Vinyl acetate	+++++ 2.6198	+++++ 2.4803	+++++ 2.4935	2.8103	2.5605	Ave		2.5929				5.2		30.0			
cis-1,2-Dichloroethene	+++++ 1.0934	1.1024 1.0376	1.1310 1.0324	1.2084	1.1057	Ave		1.1016				5.4		30.0			
Methyl Ethyl Ketone	+++++ 0.3856	+++++ 0.3723	0.4083 0.3656	0.4312	0.3935	Ave		0.3928				6.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26192-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.0514	+++++ 0.0481	+++++ 0.0483	0.0580	0.0532	Ave		0.0518				7.9		30.0			
Tetrahydrofuran	+++++ 0.1939	+++++ 0.1827	+++++ 0.1831	0.2225	0.1914	Ave		0.1947				8.4		30.0			
Chloroform	+++++ 2.6453	2.6173 2.4941	2.6341 2.4619	2.9923	2.6612	Ave		2.6437				6.5		30.0			
Cyclohexane	+++++ 0.2181	0.2422 0.2087	0.2235 0.2074	0.2529	0.2268	Ave		0.2257				7.5		30.0			
1,1,1-Trichloroethane	+++++ 0.5032	0.4755 0.4792	0.5086 0.4776	0.5923	0.5156	Ave		0.5074				8.0		30.0			
Carbon tetrachloride	0.4904 0.5765	0.5330 0.5496	0.5388 0.5520	0.6551	0.5851	Ave		0.5601				8.6		30.0			
2,2,4-Trimethylpentane	+++++ 0.9121	0.9217 0.8600	0.9198 0.8571	1.0720	0.9306	Ave		0.9248				7.7		30.0			
Benzene	+++++ 0.5875	0.6143 0.5577	0.6134 0.5631	0.6805	0.6010	Ave		0.6025				6.8		30.0			
1,2-Dichloroethane	+++++ 0.3742	0.3611 0.3496	0.3689 0.3533	0.4340	0.3730	Ave		0.3734				7.6		30.0			
n-Heptane	+++++ 0.3798	0.3864 0.3587	0.3703 0.3550	0.4498	0.3854	Ave		0.3836				8.3		30.0			
n-Butanol	+++++ 0.0887	+++++ 0.0783	+++++ 0.0801	0.0881	0.0739	Ave		0.0818				7.9		30.0			
Trichloroethene	0.3931 0.3287	0.3237 0.3115	0.3183 0.3149	0.3796	0.3307	Ave		0.3376				9.2		30.0			
1,2-Dichloropropane	+++++ 0.2607	0.2700 0.2440	0.2539 0.2455	0.3016	0.2621	Ave		0.2625				7.4		30.0			
Methyl methacrylate	+++++ 0.2017	+++++ 0.1995	0.1556 0.2024	0.2212	0.2023	Ave		0.1971				11.0		30.0			
1,4-Dioxane	+++++ 0.0949	+++++ 0.0808	+++++ 0.0792	0.1037	0.0872	Ave		0.0892				11.0		30.0			
Dibromomethane	+++++ 0.3099	0.3226 0.3002	0.2505 0.3076	0.3521	0.3188	Ave		0.3088				9.9		30.0			
Bromodichloromethane	+++++ 0.6538	0.5650 0.6095	0.5561 0.6234	0.7254	0.6378	Ave		0.6244				9.2		30.0			
cis-1,3-Dichloropropene	+++++ 0.4359	0.4144 0.4051	0.3844 0.4177	0.4831	0.4251	Ave		0.4237				7.3		30.0			
methyl isobutyl ketone	+++++ 0.6026	+++++ 0.5173	0.4857 0.5233	0.6303	0.5319	Ave		0.5485				10.0		30.0			
Toluene	+++++ 0.4766	0.4598 0.4566	0.4393 0.4634	0.5195	0.4770	Ave		0.4703				5.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26192-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.6327	0.6149 0.5818	0.6326 0.5765	0.7409	0.6294	Ave		0.6298				8.6		30.0			
trans-1,3-Dichloropropene	+++++ 0.4776	0.3983 0.4374	0.4139 0.4577	0.5200	0.4546	Ave		0.4513				9.0		30.0			
1,1,2-Trichloroethane	+++++ 0.2594	0.2513 0.2434	0.2559 0.2440	0.2796	0.2520	Ave		0.2551				4.8		30.0			
Tetrachloroethene	0.4399 0.4446	0.4029 0.4287	0.4266 0.4366	0.4818	0.4413	Ave		0.4378				5.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.5574	+++++ 0.4718	0.4521 0.4787	0.5473	0.4646	Ave		0.4953				9.1		30.0			
Dibromochloromethane	+++++ 0.6399	0.4653 0.6098	0.4663 0.6307	0.6470	0.6088	Ave		0.5811				14.0		30.0			
1,2-Dibromoethane	+++++ 0.4903	0.4080 0.4539	0.4264 0.4741	0.5096	0.4597	Ave		0.4603				7.7		30.0			
Chlorobenzene	+++++ 0.6594	0.6282 0.6178	0.6167 0.6360	0.6937	0.6278	Ave		0.6399				4.3		30.0			
Ethylbenzene	+++++ 1.0629	1.0162 1.0206	1.0001 1.0300	1.1317	1.0407	Ave		1.0432				4.2		30.0			
n-Nonane	+++++ 0.5152	0.4723 0.4850	0.4838 0.4844	0.5650	0.5070	Ave		0.5018				6.3		30.0			
m,p-Xylene	+++++ 0.4144	0.3966 0.4034	0.3977 0.4147	0.4367	0.4064	Ave		0.4100				3.4		30.0			
Xylene, o-	+++++ 0.4208	0.4362 0.4073	0.3886 0.4118	0.4500	0.4155	Ave		0.4186				4.8		30.0			
Styrene	+++++ 0.6244	0.5193 0.6049	0.4652 0.6403	0.6332	0.5945	Ave		0.5831				11.0		30.0			
Bromoform	+++++ 0.6518	0.4013 0.6197	0.4462 0.6442	0.6481	0.6045	Ave		0.5737				18.0		30.0			
Cumene	+++++ 1.1940	1.0715 1.1591	1.0987 1.1691	1.2772	1.1660	Ave		1.1622				5.7		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6609	0.6270 0.6318	0.6013 0.6267	0.7043	0.6353	Ave		0.6410				5.1		30.0			
n-Propylbenzene	+++++ 1.4651	1.3718 1.4060	1.2817 1.3940	1.5666	1.4013	Ave		1.4124				6.2		30.0			
1,2,3-Trichloropropane	+++++ 0.5261	+++++ 0.4997	0.5307 0.4952	0.5757	0.5065	Ave		0.5223				5.7		30.0			
4-Ethyltoluene	+++++ 1.1789	1.0291 1.1432	1.0199 1.1246	1.2343	1.1326	Ave		1.1232				6.8		30.0			
2-Chlorotoluene	+++++ 1.0453	1.0019 0.9974	0.9567 0.9765	1.1242	1.0070	Ave		1.0156				5.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26192-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Decane	+++++ 0.6196	+++++ 0.5925	0.5482 0.5722	0.6893	0.6039	Ave		0.6043				8.0		30.0			
1,3,5-Trimethylbenzene	+++++ 1.0078	0.9230 0.9938	0.9068 1.0099	1.0697	0.9810	Ave		0.9846				5.6		30.0			
Alpha Methyl Styrene	+++++ 0.5086	0.3882 0.4976	0.3728 0.5218	0.5040	0.4764	Ave		0.4671				13.0		30.0			
tert-Butylbenzene	+++++ 0.9297	0.9005 0.9232	0.8277 0.9421	0.9931	0.9096	Ave		0.9180				5.4		30.0			
1,2,4-Trimethylbenzene	+++++ 1.0029	0.9023 0.9896	0.8821 1.0121	1.0520	0.9771	Ave		0.9740				6.2		30.0			
sec-Butylbenzene	+++++ 1.4189	1.2784 1.4013	1.2566 1.4177	1.5135	1.3776	Ave		1.3806				6.4		30.0			
4-Isopropyltoluene	+++++ 1.1815	1.1070 1.1879	1.0227 1.1866	1.2487	1.1521	Ave		1.1552				6.3		30.0			
1,3-Dichlorobenzene	+++++ 0.7203	0.6791 0.6911	0.6302 0.7152	0.7289	0.6633	Ave		0.6897				5.1		30.0			
1,4-Dichlorobenzene	+++++ 0.7121	0.6383 0.6813	0.6450 0.7177	0.7156	0.6486	Ave		0.6798				5.3		30.0			
Benzyl chloride	+++++ 0.9335	0.6027 0.9127	0.5365 0.9631	0.9189	0.8420	Ave		0.8156				21.0		30.0			
n-Butylbenzene	+++++ 1.1151	1.0982 1.1066	0.9083 1.1068	1.1671	1.0650	Ave		1.0810				7.6		30.0			
n-Undecane	+++++ 0.6125	+++++ 0.6200	+++++ 0.6309	0.6396	0.6058	Ave		0.6218				2.2		30.0			
1,2-Dichlorobenzene	+++++ 0.6920	0.6498 0.6643	0.6183 0.6931	0.7055	0.6442	Ave		0.6667				4.7		30.0			
n-Dodecane	+++++ 0.5222	+++++ 0.4505	+++++ 0.2119	0.5079	0.3841	Ave		0.4153				30.0		30.0			
1,2,4-Trichlorobenzene	+++++ 0.5655	+++++ 0.5270	0.4885 0.4072	0.4917	0.4709	Ave		0.4918				11.0		30.0			
Hexachlorobutadiene	+++++ 0.5289	0.5048 0.5202	0.4714 0.3526	0.5655	0.4983	Ave		0.4917				14.0		30.0			
Naphthalene	+++++ 1.1716	+++++ 1.0820	0.9084 0.8672	1.1081	0.9491	Ave		1.0144				12.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.5164	0.5513 0.4787	0.4679 0.2706	0.4446	0.4209	Ave		0.4501				20.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26192-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-81966/3	11069_03.D
Level 2	IC 200-81966/4	11069_04.D
Level 3	IC 200-81966/5	11069_05.D
Level 4	IC 200-81966/6	11069_06.D
Level 5	ICIS 200-81966/17	11064_17.D
Level 6	IC 200-81966/8	11069_08.D
Level 7	IC 200-81966/9	11069_09.D
Level 8	IC 200-81966/10	11069_10.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 547603	+++++ 694792	20550 1377542	204763	389727	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 2168218	+++++ 2762386	71808 5312093	795337	1567842	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 1168166	+++++ 1461681	36320 2917981	425394	853190	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1655166	22346 2135210	57775 4134596	627201	1184364	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 599541	+++++ 755890	22800 1483402	222357	423167	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 882798	+++++ 1130067	32154 2201936	324166	615394	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	2064 619380	7542 798937	20482 1585480	232139	440824	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	+++++ 437972	5453 566716	14343 1122527	161079	297829	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 648257	8663 831361	21781 1670202	235409	454960	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 241223	+++++ 310359	7693 623205	85078	167167	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 577074	9262 738421	20561 1462377	207153	387922	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 648820	8592 848801	20919 1683389	230182	457564	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1980893	27181 2536039	64684 4978836	715017	1371439	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 913346	+++++ 1158621	31116 2289811	329141	618245	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 310966	+++++ 558789	67322 1381706	162945	200656	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26192-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 329016	4608 416486	11566 834788	115018	216653	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 158293	+++++ 174307	+++++ 372834	50551	83888	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 1233668	16691 1587471	40264 3136346	442928	849990	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	+++++ 533752	7417 687327	18424 1347686	194229	363857	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 929162	+++++ 1136695	+++++ 2209318	362699	594698	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1624483	+++++ 2073166	56129 4084584	581814	1096407	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 725373	+++++ 872038	+++++ 1702382	245200	435079	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 793828	8736 1012296	21956 2023167	281670	516398	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 407036	+++++ 525490	+++++ 1016250	141071	265701	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 770088	+++++ 984969	32009 1921713	282348	512389	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 972400	+++++ 1155697	+++++ 2289065	320189	559308	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1534830	19363 2002427	46445 3963954	551430	999982	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 932500	12876 1185402	30701 2332378	335544	614099	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 365512	+++++ 472758	10490 960663	126309	236689	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 734741	9607 954937	23951 1884961	260706	481475	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	3865 1202405	16481 1521575	38296 3012345	420855	769111	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 1638322	+++++ 2104764	+++++ 4232828	559131	1028444	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	+++++ 683743	8763 880519	22266 1752625	240410	444112	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 241119	+++++ 315932	8038 620707	85796	158056	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 32166	+++++ 40802	+++++ 81936	11539	21366	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	+++++ 682007	+++++ 868736	+++++ 1718824	239509	428732	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26192-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1654242	20806 2116428	51856 4179184	595346	1068883	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	+++++ 766988	10704 992224	24919 1946804	272246	508143	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	+++++ 1769486	21019 2278195	56705 4482925	637630	1155011	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	4743 2027226	23561 2613075	60073 5181467	705190	1310671	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	+++++ 3207452	40742 4088775	102548 8045437	1154096	2084723	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	+++++ 2066125	27153 2651544	68395 5286097	732602	1346185	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	+++++ 1315989	15960 1662306	41125 3316210	467181	835655	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	+++++ 1335610	17081 1705486	41290 3332560	484245	863368	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	+++++ 311954	+++++ 372200	+++++ 752259	94893	165594	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	3802 1155894	14310 1480952	35487 2955765	408673	740905	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	+++++ 916612	11936 1159853	28305 2304430	324640	587110	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	+++++ 709458	+++++ 948437	17349 1899976	238118	453141	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	+++++ 333680	+++++ 384188	+++++ 743540	111651	195365	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	+++++ 1089743	14260 1427282	27924 2887107	379031	714115	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	+++++ 2299203	24975 2897626	62002 5852400	780880	1428683	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1532828	18320 1926125	42863 3920646	520025	952199	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	+++++ 2119168	+++++ 2459308	54150 4912005	678581	1191557	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	+++++ 1793865	22049 2313163	51853 4706636	623940	1164005	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	+++++ 2224749	27183 2766091	70535 5412003	797602	1409935	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1679492	17606 2079292	46151 4296517	559775	1018310	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	+++++ 976190	12051 1232735	30207 2478538	335727	614794	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26192-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	4455 1673498	19323 2171363	50349 4434552	578615	1076727	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 2098157	+++++ 2389854	53359 4861642	657228	1133730	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	+++++ 2408393	22313 3088900	55036 6405368	777048	1485460	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	+++++ 1845448	19565 2299170	50333 4815050	612036	1121663	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	+++++ 2482079	30124 3129494	72789 6459070	833134	1531811	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	+++++ 4000538	48731 5169685	118053 10461539	1359125	2539424	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	+++++ 1939017	22651 2456833	57108 4919821	678579	1237228	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	+++++ 3119839	38038 4086767	93879 8423653	1049000	1983127	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	+++++ 1583964	20917 2063201	45875 4182269	540429	1013888	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	+++++ 2350158	24902 3064336	54912 6503269	760459	1450546	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	+++++ 2453271	19246 3139218	52663 6542492	778376	1475074	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	+++++ 4494081	51385 5871422	129685 11874023	1533852	2845236	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2487429	30067 3200424	70980 6365440	845788	1550247	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	+++++ 5514547	65787 7122257	151288 14158507	1881383	3419275	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1980199	+++++ 2531010	62648 5029114	691341	1235991	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	+++++ 4437217	49352 5790790	120381 11422353	1482311	2763672	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	+++++ 3934435	48045 5052436	112931 9917931	1350141	2457109	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	+++++ 2332276	+++++ 3001425	64713 5811587	827848	1473536	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 3793197	44261 5034190	107037 10257266	1284614	2393695	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	+++++ 1914191	18616 2520373	44009 5299935	605316	1162554	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	+++++ 3499414	43185 4676578	97700 9568305	1192656	2219585	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26192-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 3774807	43270 5012881	104120 10279598	1263373	2384279	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	+++++ 5340743	61305 7098210	148327 14398393	1817627	3361585	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	+++++ 4447013	53088 6017348	120719 12051409	1499540	2811251	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2711083	32568 3500552	74383 7264189	875404	1618459	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2680173	30609 3451227	76131 7289411	859431	1582671	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	+++++ 3513741	28902 4623126	63323 9781936	1103492	2054577	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	+++++ 4197299	52665 5605275	107213 11241496	1401626	2598748	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	+++++ 2305477	+++++ 3140848	+++++ 6407592	768147	1478228	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2604752	31161 3364986	72981 7039950	847244	1571861	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	+++++ 1965707	+++++ 2282220	+++++ 2152092	609989	937246	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 2128555	+++++ 2669519	57663 4135423	590490	1148956	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	+++++ 1990655	24209 2635026	55641 3581614	679099	1215974	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	+++++ 4409808	+++++ 5480830	107227 8807847	1330789	2316008	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1943785	26440 2424820	55228 2748510	533891	1027041	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26204-1 Analy Batch No.: 82967

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/05/2015 14:34 Calibration End Date: 01/06/2015 10:50 Calibration ID: 29435

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-82967/3	11470_03.D
Level 2	IC 200-82967/4	11470_04.D
Level 3	IC 200-82967/5	11470_05.D
Level 4	IC 200-82967/6	11470_06.D
Level 5	ICIS 200-82967/17	11470_17.D
Level 6	IC 200-82967/8	11470_08.D
Level 7	IC 200-82967/9	11470_09.D
Level 8	IC 200-82967/10	11470_10.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.7653	+++++ 0.7444	0.9192 0.7597	0.7854	0.7884	Ave		0.7937				8.0		30.0			
Dichlorodifluoromethane	+++++ 6.2995	+++++ 5.8530	5.7743 5.8619	6.2134	5.8438	Ave		5.9743				3.7		30.0			
Freon 22	+++++ 2.3332	+++++ 2.1645	2.2679 2.1761	2.3151	2.2440	Ave		2.2501				3.1		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 3.9965	3.7732 3.7641	3.4592 3.6461	3.7962	3.7113	Ave		3.7352				4.4		30.0			
Chloromethane	+++++ 0.6895	+++++ 0.6491	0.6207 0.6505	0.6255	0.6662	Ave		0.6502				3.9		30.0			
n-Butane	+++++ 1.1064	+++++ 1.0186	0.8768 1.0115	0.9625	1.0610	Ave		1.0061				7.9		30.0			
Vinyl chloride	0.7987 0.9093	0.9223 0.8372	0.7408 0.8364	0.8199	0.8593	Ave		0.8405				7.0		30.0			
1,3-Butadiene	+++++ 0.6159	0.5344 0.5597	0.4920 0.5652	0.5461	0.5760	Ave		0.5556				6.9		30.0			
Bromomethane	+++++ 1.0077	0.9599 0.9262	1.0265 0.9148	0.9460	1.0149	Ave		0.9709				4.7		30.0			
Chloroethane	+++++ 0.4339	+++++ 0.3729	0.4175 0.3856	0.3952	0.4676	Ave		0.4121				8.5		30.0			
Isopentane	+++++ 0.6737	0.5251 0.5987	0.6827 0.6193	0.6386	0.7442	Ave		0.6403				11.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.2283	1.1764 1.0284	1.1644 1.1513	1.2114	1.2482	Ave		1.1726				6.2		30.0			
Trichlorofluoromethane	+++++ 5.4859	5.0024 4.8243	5.5066 4.9583	5.5829	5.4569	Ave		5.2596				6.0		30.0			
n-Pentane	+++++ 0.9319	+++++ 0.8367	0.7900 0.9337	0.9097	1.0146	Ave		0.9028				8.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26204-1 Analy Batch No.: 82967

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/05/2015 14:34 Calibration End Date: 01/06/2015 10:50 Calibration ID: 29435

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.2044	+++++ 0.1758	0.1888 0.1779	0.1762	0.2047	Ave		0.1880				7.3		30.0			
Ethyl ether	+++++ 0.5115	0.3964 0.4729	0.5001 0.4711	0.4118	0.4602	Ave		0.4606				9.3		30.0			
Acrolein	+++++ 0.1893	+++++ 0.1793	+++++ 0.1684	0.1574	0.1902	Ave		0.1769				7.9		30.0			
Freon TF	+++++ 2.4591	2.0876 2.2162	2.4188 2.1644	2.2476	2.1943	Ave		2.2554				6.0		30.0			
1,1-Dichloroethene	+++++ 1.0102	0.8245 0.9038	0.9114 0.9052	0.8924	0.9082	Ave		0.9080				6.0		30.0			
Acetone	+++++ 1.4071	+++++ 1.2113	+++++ 1.1613	1.5902	1.2743	Ave		1.3288				13.0		30.0			
Isopropyl alcohol	+++++ 0.8383	+++++ 0.8058	+++++ 0.8162	0.8082	0.8892	Ave		0.8316				4.2		30.0			
Carbon disulfide	+++++ 1.8835	+++++ 1.8733	1.9173 1.9109	1.7576	1.9312	Ave		1.8790				3.4		30.0			
3-Chloropropene	+++++ 0.6689	0.5064 0.6968	0.5594 0.7129	0.6389	0.7264	Ave		0.6442				13.0		30.0			
Acetonitrile	+++++ 0.2702	+++++ 0.2784	+++++ 0.2774	0.2717	0.3031	Ave		0.2802				4.7		30.0			
Methylene Chloride	+++++ 0.7991	+++++ 0.7814	0.9842 0.7853	0.7959	0.8354	Ave		0.8302				9.4		30.0			
tert-Butyl alcohol	+++++ 1.8532	+++++ 1.8239	+++++ 1.8119	1.8430	1.9286	Ave		1.8521				2.5		30.0			
Methyl tert-butyl ether	+++++ 3.3413	2.5423 3.3559	2.9859 3.3488	3.1643	3.3426	Ave		3.1544				9.6		30.0			
trans-1,2-Dichloroethene	+++++ 1.2391	1.1075 1.2363	1.2099 1.2604	1.1893	1.2748	Ave		1.2168				4.6		30.0			
Acrylonitrile	+++++ 0.3482	+++++ 0.3609	0.3686 0.3732	0.3398	0.3745	Ave		0.3609				3.9		30.0			
n-Hexane	+++++ 0.8873	0.7952 0.9134	0.8190 0.9447	0.8019	0.9452	Ave		0.8724				7.6		30.0			
1,1-Dichloroethane	1.3968 1.4848	1.3085 1.5033	1.4580 1.5054	1.3762	1.5315	Ave		1.4456				5.4		30.0			
Vinyl acetate	+++++ 1.5674	+++++ 1.5827	+++++ 1.6636	1.3947	1.6333	Ave		1.5683				6.7		30.0			
Methyl Ethyl Ketone	+++++ 0.3956	+++++ 0.4183	0.5153 0.4049	0.4132	0.4007	Ave		0.4247				11.0		30.0			
Ethyl acetate	+++++ 0.0772	+++++ 0.0787	+++++ 0.0813	0.0804	0.0833	Ave		0.0802				2.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26204-1 Analy Batch No.: 82967

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/05/2015 14:34 Calibration End Date: 01/06/2015 10:50 Calibration ID: 29435

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	+++++ 1.0388	0.8406 1.0563	1.0805 1.0361	0.9933	1.0065	Ave		1.0075				7.9		30.0			
Tetrahydrofuran	+++++ 0.1127	+++++ 0.1169	+++++ 0.1189	0.1014	0.1181	Ave		0.1136				6.4		30.0			
Chloroform	+++++ 2.6632	2.4619 2.5921	2.5790 2.5924	2.6033	2.6593	Ave		2.5930				2.6		30.0			
Cyclohexane	+++++ 0.2772	0.2104 0.2894	0.2457 0.2786	0.2604	0.2726	Ave		0.2620				10.0		30.0			
1,1,1-Trichloroethane	+++++ 0.7826	0.6685 0.8074	0.7863 0.7642	0.7653	0.7463	Ave		0.7601				5.9		30.0			
Carbon tetrachloride	0.5270 0.7750	0.4976 0.8493	0.6136 0.7727	0.7339	0.7026	Ave		0.6840				18.0		30.0			
2,2,4-Trimethylpentane	+++++ 0.6493	0.4682 0.7213	0.5284 0.6987	0.5817	0.6663	Ave		0.6163				15.0		30.0			
Benzene	+++++ 0.5418	0.6563 0.5806	0.5646 0.5640	0.5142	0.5324	Ave		0.5648				8.2		30.0			
1,2-Dichloroethane	+++++ 0.4563	0.4193 0.4904	0.4497 0.4541	0.4390	0.4431	Ave		0.4503				4.8		30.0			
n-Heptane	+++++ 0.2008	0.1522 0.2239	0.1865 0.2205	0.1827	0.2133	Ave		0.1971				13.0		30.0			
n-Butanol	+++++ 0.0733	+++++ 0.0702	+++++ 0.0784	0.0698	0.0745	Ave		0.0732				4.8		30.0			
Trichloroethene	0.3474 0.3491	0.3358 0.3498	0.3251 0.3539	0.3472	0.3362	Ave		0.3431				2.8		30.0			
1,2-Dichloropropane	+++++ 0.1591	0.1330 0.1605	0.1504 0.1686	0.1410	0.1581	Ave		0.1530				8.1		30.0			
Methyl methacrylate	+++++ 0.1926	+++++ 0.1885	0.1703 0.2034	0.1694	0.1902	Ave		0.1857				7.2		30.0			
1,4-Dioxane	+++++ 0.0922	+++++ 0.0872	+++++ 0.0898	0.0910	0.0920	Ave		0.0904				2.3		30.0			
Dibromomethane	+++++ 0.3170	0.2831 0.3115	0.3196 0.3091	0.3106	0.2984	Ave		0.3070				4.1		30.0			
Bromodichloromethane	+++++ 0.6505	0.5143 0.6493	0.5260 0.6586	0.6173	0.6237	Ave		0.6057				10.0		30.0			
cis-1,3-Dichloropropene	+++++ 0.3525	0.2936 0.3557	0.2851 0.3671	0.3583	0.3436	Ave		0.3366				9.8		30.0			
methyl isobutyl ketone	+++++ 0.3426	+++++ 0.3358	0.2471 0.3514	0.3340	0.3437	Ave		0.3258				12.0		30.0			
n-Octane	+++++ 0.2917	0.2496 0.2997	0.2297 0.3314	0.2874	0.3012	Ave		0.2844				12.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26204-1 Analy Batch No.: 82967

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/05/2015 14:34 Calibration End Date: 01/06/2015 10:50 Calibration ID: 29435

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Toluene	+++++ 0.5265	0.4585 0.4803	0.5607 0.5595	0.4991	0.5008	Ave		0.5122				7.6		30.0			
trans-1,3-Dichloropropene	+++++ 0.4407	0.3616 0.4443	0.3479 0.5084	0.4425	0.4231	Ave		0.4241				13.0		30.0			
1,1,2-Trichloroethane	+++++ 0.2306	0.2089 0.2236	0.2462 0.2347	0.2202	0.2159	Ave		0.2257				5.5		30.0			
Tetrachloroethene	0.5489 0.5554	0.5021 0.5249	0.6197 0.5436	0.5591	0.5154	Ave		0.5462				6.6		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.3817	+++++ 0.3738	0.3235 0.3893	0.3415	0.3692	Ave		0.3632				7.0		30.0			
Dibromochloromethane	+++++ 0.7285	0.5709 0.7315	0.6867 0.7446	0.6702	0.6648	Ave		0.6853				8.7		30.0			
1,2-Dibromoethane	+++++ 0.5341	0.4188 0.5394	0.4845 0.5473	0.5164	0.5402	Ave		0.5115				9.0		30.0			
Chlorobenzene	+++++ 0.8956	0.7339 0.8365	0.8063 0.8551	0.8174	0.7988	Ave		0.8205				6.1		30.0			
Ethylbenzene	+++++ 1.4594	1.1880 1.3949	1.2700 1.4860	1.3119	1.2944	Ave		1.3435				8.0		30.0			
n-Nonane	+++++ 0.4056	0.2954 0.3963	0.3108 0.4439	0.3445	0.3726	Ave		0.3670				15.0		30.0			
m,p-Xylene	+++++ 0.6112	0.4387 0.5617	0.5249 0.5951	0.5303	0.5018	Ave		0.5377				11.0		30.0			
Xylene, o-	+++++ 0.5508	0.4587 0.5398	0.5015 0.5582	0.5296	0.4902	Ave		0.5184				7.0		30.0			
Styrene	+++++ 0.8581	0.7576 0.8567	0.7858 0.8987	0.8034	0.7683	Ave		0.8184				6.5		30.0			
Bromoform	+++++ 0.6578	0.5145 0.6392	0.5872 0.6524	0.6172	0.5344	Ave		0.6004				9.5		30.0			
Cumene	+++++ 1.7751	1.3409 1.7753	1.6475 1.8351	1.6927	1.5928	Ave		1.6656				9.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.5924	0.5188 0.5916	0.5537 0.6047	0.5701	0.5663	Ave		0.5711				5.1		30.0			
n-Propylbenzene	+++++ 2.0012	1.6083 2.0088	1.8300 2.0317	1.9291	1.8569	Ave		1.8951				7.8		30.0			
1,2,3-Trichloropropane	+++++ 0.5944	+++++ 0.5926	0.5441 0.6019	0.5737	0.5548	Ave		0.5769				4.1		30.0			
n-Decane	+++++ 0.5156	+++++ 0.4999	0.4341 0.5236	0.4766	0.4854	Ave		0.4892				6.6		30.0			
4-Ethyltoluene	+++++ 1.8361	1.4804 1.8202	1.6710 1.7842	1.7436	1.6502	Ave		1.7122				7.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26204-1 Analy Batch No.: 82967

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/05/2015 14:34 Calibration End Date: 01/06/2015 10:50 Calibration ID: 29435

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 1.5166	1.1922 1.5199	1.3864 1.5646	1.4524	1.3994	Ave		1.4331				8.7		30.0			
1,3,5-Trimethylbenzene	+++++ 1.6570	1.2600 1.6412	1.4876 1.5827	1.5693	1.5265	Ave		1.5320				8.7		30.0			
Alpha Methyl Styrene	+++++ 0.7674	0.4820 0.7452	0.6434 0.7142	0.7305	0.6936	Ave		0.6823				14.0		30.0			
tert-Butylbenzene	+++++ 1.5850	1.1710 1.5270	1.4709 1.4637	1.5186	1.4069	Ave		1.4490				9.3		30.0			
1,2,4-Trimethylbenzene	+++++ 1.6621	1.1455 1.5787	1.5523 1.5442	1.5839	1.5093	Ave		1.5109				11.0		30.0			
sec-Butylbenzene	+++++ 2.1887	1.5343 2.0808	2.0038 2.0465	2.1302	1.9748	Ave		1.9942				11.0		30.0			
4-Isopropyltoluene	+++++ 1.9948	1.3725 1.7929	1.8298 1.8723	1.9799	1.7930	Ave		1.8050				12.0		30.0			
1,3-Dichlorobenzene	+++++ 1.1011	0.8256 1.0370	0.9519 0.9730	1.0622	0.9689	Ave		0.9885				9.1		30.0			
1,4-Dichlorobenzene	+++++ 1.1218	0.7290 1.0119	0.9919 0.9645	1.0679	0.9731	Ave		0.9800				13.0		30.0			
Benzyl chloride	+++++ 1.4179	0.9388 1.2762	1.2395 1.2988	1.3149	1.2564	Ave		1.2489				12.0		30.0			
n-Undecane	+++++ 0.5303	+++++ 0.5373	+++++ 0.6253	0.5421	0.5304	Ave		0.5531				7.4		30.0			
n-Butylbenzene	+++++ 1.6145	1.2154 1.3872	1.4924 1.5960	1.6484	1.5308	Ave		1.4978				10.0		30.0			
1,2-Dichlorobenzene	+++++ 1.1402	0.7542 0.9235	0.9647 0.9149	1.0177	0.9228	Ave		0.9483				12.0		30.0			
n-Dodecane	+++++ 0.5016	+++++ 0.4522	+++++ 0.5270	0.3871	0.4849	Ave		0.4706				11.0		30.0			
1,2,4-Trichlorobenzene	+++++ 0.7988	+++++ 0.6989	0.4580 0.7556	0.5949	0.6116	Ave		0.6530				19.0		30.0			
Hexachlorobutadiene	+++++ 0.6633	0.5116 0.5790	0.6037 0.5695	0.5352	0.4900	Ave		0.5646				10.0		30.0			
Naphthalene	+++++ 1.8831	+++++ 1.5921	0.7319 1.8811	1.5117	1.4538	Ave		1.5089				28.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.6282	0.1348 0.5566	0.2909 0.6222	0.4023	0.5483	Ave		0.4548				41.0	*	30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26204-1 Analy Batch No.: 82967

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/05/2015 14:34 Calibration End Date: 01/06/2015 10:50 Calibration ID: 29435

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-82967/3	11470_03.D
Level 2	IC 200-82967/4	11470_04.D
Level 3	IC 200-82967/5	11470_05.D
Level 4	IC 200-82967/6	11470_06.D
Level 5	ICIS 200-82967/17	11470_17.D
Level 6	IC 200-82967/8	11470_08.D
Level 7	IC 200-82967/9	11470_09.D
Level 8	IC 200-82967/10	11470_10.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 328628	+++++ 456430	12049 998478	97248	221116	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 2705089	+++++ 3588656	75690 7704794	769370	1639042	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 1001890	+++++ 1327094	29728 2860294	286666	629384	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1716151	17362 2307893	45343 4792347	470057	1040924	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 296071	+++++ 397968	8136 855026	77454	186858	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 475108	+++++ 624555	11493 1329521	119179	297586	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	733 390458	4244 513325	9711 1099326	101518	241007	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	+++++ 264456	2459 343163	6449 742886	67625	161564	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 432724	4417 567853	13456 1202403	117136	284643	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 186324	+++++ 228616	5472 506770	48939	131138	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 289311	2416 367066	8949 814051	79075	208739	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 527449	5413 630563	15263 1513265	150000	350090	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 2355703	23018 2957928	72181 6517179	691296	1530528	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 400179	+++++ 513000	10355 1227267	112648	284559	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 117267	+++++ 215657	24778 584440	43670	86156	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26204-1 Analy Batch No.: 82967

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/05/2015 14:34 Calibration End Date: 01/06/2015 10:50 Calibration ID: 29435

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 219644	1824 289942	6555 619232	50989	129063	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 81295	+++++ 109948	+++++ 221402	19488	53339	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 1055985	9606 1358790	31706 2844875	278310	615457	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	+++++ 433777	3794 554127	11947 1189791	110504	254723	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 604213	+++++ 742685	+++++ 1526460	196909	357400	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 359993	+++++ 494084	+++++ 1072851	100076	249401	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 808789	+++++ 1148581	25132 2511728	217639	541663	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 287233	2330 427231	7333 937019	79106	203741	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 116036	+++++ 170677	+++++ 364664	33642	85014	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 343129	+++++ 479121	12901 1032248	98551	234319	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 795775	+++++ 1118272	+++++ 2381509	228205	540929	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1434779	11698 2057587	39139 4401678	391824	937503	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 532091	5096 758023	15860 1656629	147266	357553	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 149526	+++++ 221302	4832 490565	42071	105024	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 381007	3659 560025	10736 1241711	99299	265116	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1282 637569	6021 921728	19111 1978693	170413	429549	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 673057	+++++ 970419	+++++ 2186566	172698	458097	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 169891	+++++ 256477	6754 532231	51168	112379	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 33159	+++++ 48268	+++++ 106814	9951	23366	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	+++++ 446088	3868 647649	14163 1361843	123000	282309	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	+++++ 231375	+++++ 342261	+++++ 739061	60065	163189	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26204-1 Analy Batch No.: 82967

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/05/2015 14:34 Calibration End Date: 01/06/2015 10:50 Calibration ID: 29435

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1143597	11328 1589312	33806 3407416	322357	745865	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	+++++ 569002	4662 847576	15542 1732400	154339	376707	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	+++++ 1606359	14815 2364299	49746 4751891	453543	1031411	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	2615 1590733	11028 2487203	38822 4805147	434932	971041	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	+++++ 1332698	10377 2112390	33428 4345099	344731	920779	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	+++++ 1112076	14545 1700187	35721 3507249	304751	735783	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	+++++ 936549	9292 1436180	28448 2823971	260170	612315	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	+++++ 412062	3373 655676	11801 1371339	108258	294736	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	+++++ 150395	+++++ 205456	+++++ 487751	41354	102960	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1724 716471	7443 1024297	20565 2200521	205786	464616	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	+++++ 326591	2948 469918	9518 1048577	83560	218567	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	+++++ 395429	+++++ 551957	10776 1264919	100382	262878	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	+++++ 189219	+++++ 255330	+++++ 558350	53959	127144	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	+++++ 650581	6274 912209	20217 1921827	184063	412379	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	+++++ 1335145	11399 1901548	33280 4095440	365848	861968	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	+++++ 723593	6506 1041763	18037 2283071	212335	474872	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	+++++ 703318	+++++ 983351	15634 2185260	197931	475034	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	+++++ 598754	5531 877661	14530 2060892	170295	416219	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	+++++ 1009649	10353 1446620	28524 3535590	304522	663352	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	+++++ 904660	8015 1301227	22009 3161329	262210	584759	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	+++++ 442179	4717 673477	12523 1483313	134358	285951	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26204-1 Analy Batch No.: 82967

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/05/2015 14:34 Calibration End Date: 01/06/2015 10:50 Calibration ID: 29435

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	2200 1065156	11337 1581106	31529 3435283	341146	682763	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 731984	+++++ 1125937	16456 2460127	208374	489009	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	+++++ 1396999	12891 2203447	34937 4705538	408953	880609	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	+++++ 1024210	9456 1624760	24647 3458662	315078	715593	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	+++++ 1717479	16571 2519600	41022 5403572	498728	1058026	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	+++++ 2798741	26826 4201413	64610 9390883	800487	1714589	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	+++++ 777831	6671 1193616	15813 2805301	210208	493514	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	+++++ 2344322	19813 3383523	53404 7521897	647132	1329331	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	+++++ 1056310	10357 1625920	25512 3527366	323113	649306	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	+++++ 1645695	17106 2580487	39978 5679382	490215	1017746	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	+++++ 1261577	11617 1925434	29874 4122825	376589	707909	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	+++++ 3404178	30279 5347262	83815 11597041	1032794	2109853	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 1136136	11714 1782008	28167 3821320	347824	750187	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	+++++ 3837824	36315 6050731	93100 12839487	1177046	2459660	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1139843	+++++ 1784883	27683 3803658	350072	734948	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	+++++ 988875	+++++ 1505820	22084 3308852	290776	642996	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	+++++ 3521234	33427 5482488	85011 11275168	1063884	2185852	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	+++++ 2908384	26921 4577903	70530 9887828	886209	1853646	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 3177646	28451 4943402	75680 10002039	957526	2022058	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	+++++ 1471778	10884 2244448	32731 4513604	445695	918782	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	+++++ 3039639	26441 4599343	74830 9250016	926611	1863615	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26204-1 Analy Batch No.: 82967

SDG No.:

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/05/2015 14:34 Calibration End Date: 01/06/2015 10:50 Calibration ID: 29435

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 3187539	25867 4755131	78970 9758420	966404	1999241	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	+++++ 4197425	34645 6267483	101942 12933053	1299767	2615788	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	+++++ 3825570	30991 5400465	93089 11832101	1208063	2374952	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2111566	18643 3123646	48428 6148980	648122	1283460	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2151296	16461 3047965	50461 6095049	651577	1288911	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	+++++ 2719146	21198 3843938	63061 8207821	802289	1664195	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	+++++ 1016984	+++++ 1618343	+++++ 3951443	330748	702544	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	+++++ 3096260	27445 4178476	75926 10085875	1005756	2027698	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2186620	17030 2781548	49078 5781473	620941	1222364	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	+++++ 962002	+++++ 1362058	+++++ 3330300	236215	642270	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 1531858	+++++ 2105228	23299 4774882	362965	810154	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	+++++ 1271984	11552 1743924	30715 3598702	326565	649074	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	+++++ 3611268	+++++ 4795655	37233 11887760	922364	1925644	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1204729	3044 1676478	14800 3931790	245475	726312	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26209-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-81966/3	11069_03.D
Level 2	IC 200-81966/4	11069_04.D
Level 3	IC 200-81966/5	11069_05.D
Level 4	IC 200-81966/6	11069_06.D
Level 5	ICIS 200-81966/17	11064_17.D
Level 6	IC 200-81966/8	11069_08.D
Level 7	IC 200-81966/9	11069_09.D
Level 8	IC 200-81966/10	11069_10.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.8757	+++++ 0.8188	1.0439 0.8115	1.0292	0.9703	Ave		0.9249				11.0		30.0			
Dichlorodifluoromethane	+++++ 3.4672	+++++ 3.2553	3.6476 3.1292	3.9975	3.9034	Ave		3.5667				9.7		30.0			
Freon 22	+++++ 1.8680	+++++ 1.7225	1.8450 1.7189	2.1381	2.1242	Ave		1.9028				9.8		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.6468	2.8111 2.5162	2.9348 2.4356	3.1525	2.9487	Ave		2.7779				9.3		30.0			
Chloromethane	+++++ 0.9587	+++++ 0.8908	1.1582 0.8738	1.1176	1.0536	Ave		1.0088				12.0		30.0			
n-Butane	+++++ 1.4117	+++++ 1.3317	1.6333 1.2971	1.6293	1.5321	Ave		1.4725				10.0		30.0			
Vinyl chloride	1.2260 0.9904	0.9488 0.9415	1.0404 0.9340	1.1668	1.0975	Ave		1.0432				11.0		30.0			
1,3-Butadiene	+++++ 0.7004	0.6860 0.6678	0.7286 0.6613	0.8096	0.7415	Ave		0.7136				7.2		30.0			
Bromomethane	+++++ 1.0366	1.0898 0.9797	1.1064 0.9839	1.1832	1.1327	Ave		1.0732				7.1		30.0			
Chloroethane	+++++ 0.3857	+++++ 0.3657	0.3908 0.3671	0.4276	0.4162	Ave		0.3922				6.5		30.0			
Isopentane	+++++ 0.9228	1.1651 0.8702	1.0444 0.8615	1.0412	0.9658	Ave		0.9816				11.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.0375	1.0808 1.0003	1.0626 0.9916	1.1569	1.1392	Ave		1.0670				6.0		30.0			
Trichlorofluoromethane	+++++ 3.1676	3.4193 2.9886	3.2858 2.9329	3.5938	3.4144	Ave		3.2575				7.4		30.0			
n-Pentane	+++++ 1.4605	+++++ 1.3654	1.5806 1.3489	1.6543	1.5392	Ave		1.4915				8.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26209-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.3721	+++++ 0.3292	0.3416 0.3256	0.4092	0.3329	Ave		0.3518				9.3		30.0			
Ethyl ether	+++++ 0.5261	0.5797 0.4908	0.5875 0.4918	0.5781	0.5394	Ave		0.5419				7.6		30.0			
Acrolein	+++++ 0.2531	+++++ 0.2054	+++++ 0.2196	0.2541	0.2089	Ave		0.2282				10.0		30.0			
Freon TF	+++++ 1.9727	2.0997 1.8707	2.0453 1.8475	2.2263	2.1162	Ave		2.0255				6.8		30.0			
1,1-Dichloroethene	+++++ 0.8535	0.9330 0.8100	0.9359 0.7939	0.9762	0.9059	Ave		0.8869				7.8		30.0			
Acetone	+++++ 1.4858	+++++ 1.3395	+++++ 1.3015	1.8230	1.4806	Ave		1.4861				14.0		30.0			
Carbon disulfide	+++++ 2.5977	+++++ 2.4431	2.8512 2.4061	2.9243	2.7297	Ave		2.6587				8.0		30.0			
Isopropyl alcohol	+++++ 1.1599	+++++ 1.0276	+++++ 1.0028	1.2324	1.0832	Ave		1.1012				8.6		30.0			
3-Chloropropene	+++++ 1.2694	1.0990 1.1929	1.1153 1.1918	1.4157	1.2857	Ave		1.2243				9.0		30.0			
Acetonitrile	+++++ 0.6509	+++++ 0.6193	+++++ 0.5986	0.7091	0.6615	Ave		0.6479				6.5		30.0			
Methylene Chloride	+++++ 1.2314	+++++ 1.1607	1.6260 1.1320	1.4191	1.2757	Ave		1.3075				14.0		30.0			
tert-Butyl alcohol	+++++ 1.5550	+++++ 1.3619	+++++ 1.3484	1.6093	1.3925	Ave		1.4534				8.3		30.0			
Methyl tert-butyl ether	+++++ 2.4543	2.4358 2.3597	2.3593 2.3351	2.7716	2.4896	Ave		2.4579				6.1		30.0			
trans-1,2-Dichloroethene	+++++ 1.4911	1.6198 1.3969	1.5595 1.3739	1.6865	1.5289	Ave		1.5224				7.4		30.0			
Acrylonitrile	+++++ 0.5845	+++++ 0.5571	0.5329 0.5659	0.6349	0.5893	Ave		0.5774				6.0		30.0			
n-Hexane	+++++ 1.1749	1.2085 1.1253	1.2166 1.1104	1.3104	1.1987	Ave		1.1921				5.6		30.0			
1,1-Dichloroethane	2.2957 1.9227	2.0733 1.7931	1.9453 1.7745	2.1153	1.9148	Ave		1.9793				8.8		30.0			
Vinyl acetate	+++++ 2.6198	+++++ 2.4803	+++++ 2.4935	2.8103	2.5605	Ave		2.5929				5.2		30.0			
cis-1,2-Dichloroethene	+++++ 1.0934	1.1024 1.0376	1.1310 1.0324	1.2084	1.1057	Ave		1.1016				5.4		30.0			
Methyl Ethyl Ketone	+++++ 0.3856	+++++ 0.3723	0.4083 0.3656	0.4312	0.3935	Ave		0.3928				6.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26209-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.0514	+++++ 0.0481	+++++ 0.0483	0.0580	0.0532	Ave		0.0518				7.9		30.0			
Tetrahydrofuran	+++++ 0.1939	+++++ 0.1827	+++++ 0.1831	0.2225	0.1914	Ave		0.1947				8.4		30.0			
Chloroform	+++++ 2.6453	2.6173 2.4941	2.6341 2.4619	2.9923	2.6612	Ave		2.6437				6.5		30.0			
Cyclohexane	+++++ 0.2181	0.2422 0.2087	0.2235 0.2074	0.2529	0.2268	Ave		0.2257				7.5		30.0			
1,1,1-Trichloroethane	+++++ 0.5032	0.4755 0.4792	0.5086 0.4776	0.5923	0.5156	Ave		0.5074				8.0		30.0			
Carbon tetrachloride	0.4904 0.5765	0.5330 0.5496	0.5388 0.5520	0.6551	0.5851	Ave		0.5601				8.6		30.0			
2,2,4-Trimethylpentane	+++++ 0.9121	0.9217 0.8600	0.9198 0.8571	1.0720	0.9306	Ave		0.9248				7.7		30.0			
Benzene	+++++ 0.5875	0.6143 0.5577	0.6134 0.5631	0.6805	0.6010	Ave		0.6025				6.8		30.0			
1,2-Dichloroethane	+++++ 0.3742	0.3611 0.3496	0.3689 0.3533	0.4340	0.3730	Ave		0.3734				7.6		30.0			
n-Heptane	+++++ 0.3798	0.3864 0.3587	0.3703 0.3550	0.4498	0.3854	Ave		0.3836				8.3		30.0			
n-Butanol	+++++ 0.0887	+++++ 0.0783	+++++ 0.0801	0.0881	0.0739	Ave		0.0818				7.9		30.0			
Trichloroethene	0.3931 0.3287	0.3237 0.3115	0.3183 0.3149	0.3796	0.3307	Ave		0.3376				9.2		30.0			
1,2-Dichloropropane	+++++ 0.2607	0.2700 0.2440	0.2539 0.2455	0.3016	0.2621	Ave		0.2625				7.4		30.0			
Methyl methacrylate	+++++ 0.2017	+++++ 0.1995	0.1556 0.2024	0.2212	0.2023	Ave		0.1971				11.0		30.0			
1,4-Dioxane	+++++ 0.0949	+++++ 0.0808	+++++ 0.0792	0.1037	0.0872	Ave		0.0892				11.0		30.0			
Dibromomethane	+++++ 0.3099	0.3226 0.3002	0.2505 0.3076	0.3521	0.3188	Ave		0.3088				9.9		30.0			
Bromodichloromethane	+++++ 0.6538	0.5650 0.6095	0.5561 0.6234	0.7254	0.6378	Ave		0.6244				9.2		30.0			
cis-1,3-Dichloropropene	+++++ 0.4359	0.4144 0.4051	0.3844 0.4177	0.4831	0.4251	Ave		0.4237				7.3		30.0			
methyl isobutyl ketone	+++++ 0.6026	+++++ 0.5173	0.4857 0.5233	0.6303	0.5319	Ave		0.5485				10.0		30.0			
Toluene	+++++ 0.4766	0.4598 0.4566	0.4393 0.4634	0.5195	0.4770	Ave		0.4703				5.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26209-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.6327	0.6149 0.5818	0.6326 0.5765	0.7409	0.6294	Ave		0.6298				8.6		30.0			
trans-1,3-Dichloropropene	+++++ 0.4776	0.3983 0.4374	0.4139 0.4577	0.5200	0.4546	Ave		0.4513				9.0		30.0			
1,1,2-Trichloroethane	+++++ 0.2594	0.2513 0.2434	0.2559 0.2440	0.2796	0.2520	Ave		0.2551				4.8		30.0			
Tetrachloroethene	0.4399 0.4446	0.4029 0.4287	0.4266 0.4366	0.4818	0.4413	Ave		0.4378				5.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.5574	+++++ 0.4718	0.4521 0.4787	0.5473	0.4646	Ave		0.4953				9.1		30.0			
Dibromochloromethane	+++++ 0.6399	0.4653 0.6098	0.4663 0.6307	0.6470	0.6088	Ave		0.5811				14.0		30.0			
1,2-Dibromoethane	+++++ 0.4903	0.4080 0.4539	0.4264 0.4741	0.5096	0.4597	Ave		0.4603				7.7		30.0			
Chlorobenzene	+++++ 0.6594	0.6282 0.6178	0.6167 0.6360	0.6937	0.6278	Ave		0.6399				4.3		30.0			
Ethylbenzene	+++++ 1.0629	1.0162 1.0206	1.0001 1.0300	1.1317	1.0407	Ave		1.0432				4.2		30.0			
n-Nonane	+++++ 0.5152	0.4723 0.4850	0.4838 0.4844	0.5650	0.5070	Ave		0.5018				6.3		30.0			
m,p-Xylene	+++++ 0.4144	0.3966 0.4034	0.3977 0.4147	0.4367	0.4064	Ave		0.4100				3.4		30.0			
Xylene, o-	+++++ 0.4208	0.4362 0.4073	0.3886 0.4118	0.4500	0.4155	Ave		0.4186				4.8		30.0			
Styrene	+++++ 0.6244	0.5193 0.6049	0.4652 0.6403	0.6332	0.5945	Ave		0.5831				11.0		30.0			
Bromoform	+++++ 0.6518	0.4013 0.6197	0.4462 0.6442	0.6481	0.6045	Ave		0.5737				18.0		30.0			
Cumene	+++++ 1.1940	1.0715 1.1591	1.0987 1.1691	1.2772	1.1660	Ave		1.1622				5.7		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6609	0.6270 0.6318	0.6013 0.6267	0.7043	0.6353	Ave		0.6410				5.1		30.0			
n-Propylbenzene	+++++ 1.4651	1.3718 1.4060	1.2817 1.3940	1.5666	1.4013	Ave		1.4124				6.2		30.0			
1,2,3-Trichloropropane	+++++ 0.5261	+++++ 0.4997	0.5307 0.4952	0.5757	0.5065	Ave		0.5223				5.7		30.0			
4-Ethyltoluene	+++++ 1.1789	1.0291 1.1432	1.0199 1.1246	1.2343	1.1326	Ave		1.1232				6.8		30.0			
2-Chlorotoluene	+++++ 1.0453	1.0019 0.9974	0.9567 0.9765	1.1242	1.0070	Ave		1.0156				5.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26209-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Decane	+++++ 0.6196	+++++ 0.5925	0.5482 0.5722	0.6893	0.6039	Ave		0.6043				8.0		30.0			
1,3,5-Trimethylbenzene	+++++ 1.0078	0.9230 0.9938	0.9068 1.0099	1.0697	0.9810	Ave		0.9846				5.6		30.0			
Alpha Methyl Styrene	+++++ 0.5086	0.3882 0.4976	0.3728 0.5218	0.5040	0.4764	Ave		0.4671				13.0		30.0			
tert-Butylbenzene	+++++ 0.9297	0.9005 0.9232	0.8277 0.9421	0.9931	0.9096	Ave		0.9180				5.4		30.0			
1,2,4-Trimethylbenzene	+++++ 1.0029	0.9023 0.9896	0.8821 1.0121	1.0520	0.9771	Ave		0.9740				6.2		30.0			
sec-Butylbenzene	+++++ 1.4189	1.2784 1.4013	1.2566 1.4177	1.5135	1.3776	Ave		1.3806				6.4		30.0			
4-Isopropyltoluene	+++++ 1.1815	1.1070 1.1879	1.0227 1.1866	1.2487	1.1521	Ave		1.1552				6.3		30.0			
1,3-Dichlorobenzene	+++++ 0.7203	0.6791 0.6911	0.6302 0.7152	0.7289	0.6633	Ave		0.6897				5.1		30.0			
1,4-Dichlorobenzene	+++++ 0.7121	0.6383 0.6813	0.6450 0.7177	0.7156	0.6486	Ave		0.6798				5.3		30.0			
Benzyl chloride	+++++ 0.9335	0.6027 0.9127	0.5365 0.9631	0.9189	0.8420	Ave		0.8156				21.0		30.0			
n-Butylbenzene	+++++ 1.1151	1.0982 1.1066	0.9083 1.1068	1.1671	1.0650	Ave		1.0810				7.6		30.0			
n-Undecane	+++++ 0.6125	+++++ 0.6200	+++++ 0.6309	0.6396	0.6058	Ave		0.6218				2.2		30.0			
1,2-Dichlorobenzene	+++++ 0.6920	0.6498 0.6643	0.6183 0.6931	0.7055	0.6442	Ave		0.6667				4.7		30.0			
n-Dodecane	+++++ 0.5222	+++++ 0.4505	+++++ 0.2119	0.5079	0.3841	Ave		0.4153				30.0		30.0			
1,2,4-Trichlorobenzene	+++++ 0.5655	+++++ 0.5270	0.4885 0.4072	0.4917	0.4709	Ave		0.4918				11.0		30.0			
Hexachlorobutadiene	+++++ 0.5289	0.5048 0.5202	0.4714 0.3526	0.5655	0.4983	Ave		0.4917				14.0		30.0			
Naphthalene	+++++ 1.1716	+++++ 1.0820	0.9084 0.8672	1.1081	0.9491	Ave		1.0144				12.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.5164	0.5513 0.4787	0.4679 0.2706	0.4446	0.4209	Ave		0.4501				20.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26209-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-81966/3	11069_03.D
Level 2	IC 200-81966/4	11069_04.D
Level 3	IC 200-81966/5	11069_05.D
Level 4	IC 200-81966/6	11069_06.D
Level 5	ICIS 200-81966/17	11064_17.D
Level 6	IC 200-81966/8	11069_08.D
Level 7	IC 200-81966/9	11069_09.D
Level 8	IC 200-81966/10	11069_10.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 547603	+++++ 694792	20550 1377542	204763	389727	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 2168218	+++++ 2762386	71808 5312093	795337	1567842	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 1168166	+++++ 1461681	36320 2917981	425394	853190	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1655166	22346 2135210	57775 4134596	627201	1184364	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 599541	+++++ 755890	22800 1483402	222357	423167	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 882798	+++++ 1130067	32154 2201936	324166	615394	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	2064 619380	7542 798937	20482 1585480	232139	440824	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	+++++ 437972	5453 566716	14343 1122527	161079	297829	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 648257	8663 831361	21781 1670202	235409	454960	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 241223	+++++ 310359	7693 623205	85078	167167	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 577074	9262 738421	20561 1462377	207153	387922	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 648820	8592 848801	20919 1683389	230182	457564	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1980893	27181 2536039	64684 4978836	715017	1371439	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 913346	+++++ 1158621	31116 2289811	329141	618245	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 310966	+++++ 558789	67322 1381706	162945	200656	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26209-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 329016	4608 416486	11566 834788	115018	216653	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 158293	+++++ 174307	+++++ 372834	50551	83888	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 1233668	16691 1587471	40264 3136346	442928	849990	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	+++++ 533752	7417 687327	18424 1347686	194229	363857	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 929162	+++++ 1136695	+++++ 2209318	362699	594698	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1624483	+++++ 2073166	56129 4084584	581814	1096407	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 725373	+++++ 872038	+++++ 1702382	245200	435079	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 793828	8736 1012296	21956 2023167	281670	516398	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 407036	+++++ 525490	+++++ 1016250	141071	265701	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 770088	+++++ 984969	32009 1921713	282348	512389	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 972400	+++++ 1155697	+++++ 2289065	320189	559308	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1534830	19363 2002427	46445 3963954	551430	999982	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 932500	12876 1185402	30701 2332378	335544	614099	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 365512	+++++ 472758	10490 960663	126309	236689	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 734741	9607 954937	23951 1884961	260706	481475	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	3865 1202405	16481 1521575	38296 3012345	420855	769111	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 1638322	+++++ 2104764	+++++ 4232828	559131	1028444	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	+++++ 683743	8763 880519	22266 1752625	240410	444112	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 241119	+++++ 315932	8038 620707	85796	158056	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 32166	+++++ 40802	+++++ 81936	11539	21366	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	+++++ 682007	+++++ 868736	+++++ 1718824	239509	428732	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26209-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1654242	20806 2116428	51856 4179184	595346	1068883	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	+++++ 766988	10704 992224	24919 1946804	272246	508143	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	+++++ 1769486	21019 2278195	56705 4482925	637630	1155011	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	4743 2027226	23561 2613075	60073 5181467	705190	1310671	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	+++++ 3207452	40742 4088775	102548 8045437	1154096	2084723	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	+++++ 2066125	27153 2651544	68395 5286097	732602	1346185	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	+++++ 1315989	15960 1662306	41125 3316210	467181	835655	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	+++++ 1335610	17081 1705486	41290 3332560	484245	863368	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	+++++ 311954	+++++ 372200	+++++ 752259	94893	165594	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	3802 1155894	14310 1480952	35487 2955765	408673	740905	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	+++++ 916612	11936 1159853	28305 2304430	324640	587110	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	+++++ 709458	+++++ 948437	17349 1899976	238118	453141	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	+++++ 333680	+++++ 384188	+++++ 743540	111651	195365	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	+++++ 1089743	14260 1427282	27924 2887107	379031	714115	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	+++++ 2299203	24975 2897626	62002 5852400	780880	1428683	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1532828	18320 1926125	42863 3920646	520025	952199	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	+++++ 2119168	+++++ 2459308	54150 4912005	678581	1191557	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	+++++ 1793865	22049 2313163	51853 4706636	623940	1164005	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	+++++ 2224749	27183 2766091	70535 5412003	797602	1409935	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1679492	17606 2079292	46151 4296517	559775	1018310	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	+++++ 976190	12051 1232735	30207 2478538	335727	614794	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26209-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	4455 1673498	19323 2171363	50349 4434552	578615	1076727	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 2098157	+++++ 2389854	53359 4861642	657228	1133730	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	+++++ 2408393	22313 3088900	55036 6405368	777048	1485460	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	+++++ 1845448	19565 2299170	50333 4815050	612036	1121663	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	+++++ 2482079	30124 3129494	72789 6459070	833134	1531811	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	+++++ 4000538	48731 5169685	118053 10461539	1359125	2539424	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	+++++ 1939017	22651 2456833	57108 4919821	678579	1237228	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	+++++ 3119839	38038 4086767	93879 8423653	1049000	1983127	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	+++++ 1583964	20917 2063201	45875 4182269	540429	1013888	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	+++++ 2350158	24902 3064336	54912 6503269	760459	1450546	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	+++++ 2453271	19246 3139218	52663 6542492	778376	1475074	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	+++++ 4494081	51385 5871422	129685 11874023	1533852	2845236	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2487429	30067 3200424	70980 6365440	845788	1550247	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	+++++ 5514547	65787 7122257	151288 14158507	1881383	3419275	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1980199	+++++ 2531010	62648 5029114	691341	1235991	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	+++++ 4437217	49352 5790790	120381 11422353	1482311	2763672	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	+++++ 3934435	48045 5052436	112931 9917931	1350141	2457109	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	+++++ 2332276	+++++ 3001425	64713 5811587	827848	1473536	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 3793197	44261 5034190	107037 10257266	1284614	2393695	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	+++++ 1914191	18616 2520373	44009 5299935	605316	1162554	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	+++++ 3499414	43185 4676578	97700 9568305	1192656	2219585	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26209-1 Analy Batch No.: 81966

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2014 14:15 Calibration End Date: 12/12/2014 10:37 Calibration ID: 29194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 3774807	43270 5012881	104120 10279598	1263373	2384279	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	+++++ 5340743	61305 7098210	148327 14398393	1817627	3361585	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	+++++ 4447013	53088 6017348	120719 12051409	1499540	2811251	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2711083	32568 3500552	74383 7264189	875404	1618459	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2680173	30609 3451227	76131 7289411	859431	1582671	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	+++++ 3513741	28902 4623126	63323 9781936	1103492	2054577	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	+++++ 4197299	52665 5605275	107213 11241496	1401626	2598748	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	+++++ 2305477	+++++ 3140848	+++++ 6407592	768147	1478228	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2604752	31161 3364986	72981 7039950	847244	1571861	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	+++++ 1965707	+++++ 2282220	+++++ 2152092	609989	937246	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 2128555	+++++ 2669519	57663 4135423	590490	1148956	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	+++++ 1990655	24209 2635026	55641 3581614	679099	1215974	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	+++++ 4409808	+++++ 5480830	107227 8807847	1330789	2316008	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1943785	26440 2424820	55228 2748510	533891	1027041	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26247-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-80238/4	10468-004.D
Level 2	IC 200-80238/5	10468-005.D
Level 3	IC 200-80238/6	10468-006.D
Level 4	IC 200-80238/7	10468-007.D
Level 5	ICIS 200-80238/8	10468-008.D
Level 6	IC 200-80238/9	10468-009.D
Level 7	IC 200-80238/10	10468-010.D
Level 8	IC 200-80238/11	10468-011.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.7266	+++++ 0.6819	0.9546 0.6687	0.7819	0.7174	Ave		0.7552				14.0		30.0			
Dichlorodifluoromethane	+++++ 2.7591	+++++ 2.5936	3.0628 2.5104	2.8915	2.6688	Ave		2.7477				7.4		30.0			
Freon 22	+++++ 1.6084	+++++ 1.4976	1.8478 1.4574	1.6947	1.5888	Ave		1.6158				8.7		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.5391	2.5585 2.3981	2.8412 2.3410	2.6225	2.4696	Ave		2.5386				6.5		30.0			
Chloromethane	+++++ 0.8681	+++++ 0.8189	1.0402 0.8030	0.9125	0.8511	Ave		0.8823				9.8		30.0			
n-Butane	+++++ 1.4626	+++++ 1.3600	1.6471 1.3400	1.4935	1.4304	Ave		1.4556				7.6		30.0			
Vinyl chloride	1.0988 0.9925	1.0262 0.9186	1.0807 0.8972	0.9910	0.9530	Ave		0.9947				7.2		30.0			
1,3-Butadiene	+++++ 0.6944	0.6629 0.6604	0.7501 0.6430	0.7123	0.6725	Ave		0.6851				5.4		30.0			
Bromomethane	+++++ 0.8016	0.8559 0.7470	0.9236 0.7222	0.8572	0.7843	Ave		0.8131				8.6		30.0			
Chloroethane	+++++ 0.4281	+++++ 0.4007	0.4801 0.3903	0.4505	0.4210	Ave		0.4284				7.7		30.0			
Isopentane	+++++ 0.8902	1.1588 0.8255	1.1053 0.7978	0.9296	0.8775	Ave		0.9407				15.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.9517	0.9225 0.9005	1.0165 0.8857	0.9338	0.9026	Ave		0.9305				4.7		30.0			
Trichlorofluoromethane	+++++ 2.8187	2.9026 2.6448	3.1572 2.5636	2.8763	2.7107	Ave		2.8105				7.0		30.0			
n-Pentane	+++++ 1.6182	+++++ 1.5333	1.7169 1.5110	1.6310	1.5620	Ave		1.5954				4.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26247-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.4241	+++++ 0.3834	0.4660 0.3929	0.6715	0.4249	Ave		0.4605				23.0		30.0			
Ethyl ether	+++++ 0.6485	0.6042 0.6166	0.6733 0.6076	0.6396	0.6137	Ave		0.6291				4.1		30.0			
Freon TF	+++++ 1.9032	1.9275 1.8076	2.1559 1.7689	1.9308	1.8320	Ave		1.9037				6.7		30.0			
Acrolein	+++++ 0.2929	+++++ 0.2788	+++++ 0.2741	0.3030	0.2918	Ave		0.2881				4.0		30.0			
1,1-Dichloroethene	+++++ 0.8810	0.8610 0.8341	0.9262 0.8277	0.8673	0.8474	Ave		0.8635				3.9		30.0			
Acetone	+++++ 1.5948	+++++ 1.3532	+++++ 1.2968	1.8418	1.6772	Ave		1.5528				15.0		30.0			
Carbon disulfide	+++++ 2.8236	+++++ 2.3910	2.7658 2.3480	2.5146	2.6717	Ave		2.5858				7.7		30.0			
Isopropyl alcohol	+++++ 1.2733	+++++ 1.1775	+++++ 1.1608	1.3575	1.2161	Ave		1.2371				6.5		30.0			
3-Chloropropene	+++++ 1.2116	1.0929 1.1564	1.2325 1.1486	1.2069	1.1609	Ave		1.1728				4.1		30.0			
Acetonitrile	+++++ 0.6540	+++++ 0.6174	+++++ 0.6033	0.7098	0.6296	Ave		0.6428				6.5		30.0			
Methylene Chloride	+++++ 1.0790	+++++ 1.0144	1.6231 0.9951	1.1230	1.0458	Ave		1.1467				21.0		30.0			
tert-Butyl alcohol	+++++ 1.8173	+++++ 1.7031	+++++ 1.6934	1.8330	1.7111	Ave		1.7516				3.9		30.0			
Methyl tert-butyl ether	+++++ 2.8500	2.3866 2.7412	2.7101 2.7176	2.7625	2.6900	Ave		2.6940				5.4		30.0			
trans-1,2-Dichloroethene	+++++ 1.4458	1.3406 1.3709	1.5427 1.3520	1.4532	1.3863	Ave		1.4131				5.1		30.0			
Acrylonitrile	+++++ 0.6856	+++++ 0.6555	0.7180 0.6554	0.6842	0.6546	Ave		0.6756				3.8		30.0			
n-Hexane	+++++ 1.4444	1.3330 1.3900	1.3857 1.3822	1.4346	1.3862	Ave		1.3937				2.7		30.0			
1,1-Dichloroethane	1.7826 1.8460	1.8449 1.7706	2.0107 1.7686	1.8595	1.7606	Ave		1.8304				4.5		30.0			
Vinyl acetate	+++++ 2.6660	+++++ 2.5566	+++++ 2.5363	2.5911	2.4810	Ave		2.5662				2.7		30.0			
cis-1,2-Dichloroethene	+++++ 1.0985	0.9734 1.0661	1.0980 1.0683	1.0381	1.0200	Ave		1.0518				4.3		30.0			
Methyl Ethyl Ketone	+++++ 0.5491	+++++ 0.5204	0.7635 0.5128	0.5444	0.5203	Ave		0.5684				17.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26247-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.0840	+++++ 0.0822	+++++ 0.0816	0.0810	0.0794	Ave		0.0816				2.0		30.0			
Tetrahydrofuran	+++++ 0.2177	+++++ 0.2039	+++++ 0.2029	0.2236	0.2120	Ave		0.2120				4.2		30.0			
Chloroform	+++++ 2.3183	2.2935 2.2285	2.4070 2.2196	2.2645	2.1792	Ave		2.2729				3.3		30.0			
Cyclohexane	+++++ 0.2684	0.2335 0.2587	0.2475 0.2608	0.2610	0.2536	Ave		0.2548				4.5		30.0			
1,1,1-Trichloroethane	+++++ 0.4245	0.4104 0.4074	0.4404 0.4050	0.4254	0.4082	Ave		0.4173				3.1		30.0			
Carbon tetrachloride	0.4586 0.4636	0.4365 0.4446	0.4742 0.4447	0.4566	0.4379	Ave		0.4521				2.9		30.0			
2,2,4-Trimethylpentane	+++++ 1.0754	0.8657 1.0394	0.9627 1.0413	1.0343	1.0205	Ave		1.0056				7.0		30.0			
Benzene	+++++ 0.6473	0.6332 0.6266	0.6649 0.6241	0.6448	0.6155	Ave		0.6366				2.6		30.0			
1,2-Dichloroethane	+++++ 0.2747	0.2641 0.2629	0.2885 0.2593	0.2749	0.2655	Ave		0.2700				3.7		30.0			
n-Heptane	+++++ 0.4068	0.3651 0.3884	0.3700 0.3874	0.3963	0.3912	Ave		0.3865				3.8		30.0			
n-Butanol	+++++ 0.1217	+++++ 0.1179	+++++ 0.1206	0.1266	0.1048	Ave		0.1183				6.9		30.0			
Trichloroethene	0.2789 0.2936	0.2722 0.2880	0.2924 0.2923	0.2783	0.2723	Ave		0.2835				3.2		30.0			
1,2-Dichloropropane	+++++ 0.2737	0.2492 0.2661	0.2610 0.2681	0.2583	0.2532	Ave		0.2614				3.3		30.0			
Methyl methacrylate	+++++ 0.2586	+++++ 0.2545	0.2088 0.2595	0.2316	0.2334	Ave		0.2411				8.3		30.0			
1,4-Dioxane	+++++ 0.1093	+++++ 0.1029	+++++ 0.1022	0.1124	0.1036	Ave		0.1061				4.3		30.0			
Dibromomethane	+++++ 0.2842	0.2708 0.2799	0.2846 0.2859	0.2625	0.2590	Ave		0.2753				4.1		30.0			
Bromodichloromethane	+++++ 0.5003	0.4377 0.4875	0.4711 0.4941	0.4722	0.4638	Ave		0.4753				4.5		30.0			
cis-1,3-Dichloropropene	+++++ 0.4022	0.3032 0.3934	0.3400 0.4035	0.3614	0.3667	Ave		0.3672				10.0		30.0			
methyl isobutyl ketone	+++++ 0.5604	+++++ 0.5353	0.4985 0.5327	0.5401	0.5261	Ave		0.5322				3.8		30.0			
Toluene	+++++ 0.5224	0.4633 0.5094	0.4979 0.5110	0.4815	0.4787	Ave		0.4949				4.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26247-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.6251	0.4990 0.5995	0.5559 0.5955	0.6055	0.5903	Ave		0.5816				7.2		30.0			
trans-1,3-Dichloropropene	+++++ 0.4200	0.3979 0.4087	0.3722 0.4161	0.3837	0.3822	Ave		0.3973				4.6		30.0			
1,1,2-Trichloroethane	+++++ 0.2576	0.2474 0.2535	0.2603 0.2550	0.2479	0.2389	Ave		0.2515				2.9		30.0			
Tetrachloroethene	0.4311 0.4338	0.3670 0.4295	0.4215 0.4376	0.4061	0.3971	Ave		0.4155				5.8		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.5480	+++++ 0.5265	0.4978 0.5203	0.5250	0.5039	Ave		0.5203				3.4		30.0			
Dibromochloromethane	+++++ 0.5390	0.4315 0.5306	0.4960 0.5434	0.4901	0.4874	Ave		0.5026				7.8		30.0			
1,2-Dibromoethane	+++++ 0.4706	0.3845 0.4580	0.4482 0.4666	0.4349	0.4304	Ave		0.4419				6.7		30.0			
Chlorobenzene	+++++ 0.7200	0.6786 0.7036	0.7273 0.7131	0.6850	0.6667	Ave		0.6992				3.3		30.0			
Ethylbenzene	+++++ 1.2003	0.9700 1.1678	1.1037 1.1757	1.1301	1.1131	Ave		1.1230				6.8		30.0			
n-Nonane	+++++ 0.5953	0.4534 0.5759	0.5216 0.5786	0.5665	0.5563	Ave		0.5496				8.8		30.0			
m,p-Xylene	+++++ 0.4707	0.3674 0.4577	0.4322 0.4603	0.4458	0.4386	Ave		0.4390				7.8		30.0			
Xylene, o-	+++++ 0.4632	0.3382 0.4514	0.3849 0.4543	0.4283	0.4241	Ave		0.4206				11.0		30.0			
Styrene	+++++ 0.7467	0.4786 0.7255	0.5853 0.7369	0.6817	0.6675	Ave		0.6603				15.0		30.0			
Bromoform	+++++ 0.5995	0.4300 0.5865	0.4834 0.6017	0.5353	0.5431	Ave		0.5399				12.0		30.0			
Cumene	+++++ 1.3850	1.0021 1.3449	1.2076 1.3577	1.3008	1.2794	Ave		1.2682				10.0		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7186	0.6382 0.6938	0.6940 0.6937	0.6899	0.6719	Ave		0.6857				3.6		30.0			
n-Propylbenzene	+++++ 1.7354	1.3907 1.6716	1.5763 1.6721	1.6618	1.6203	Ave		1.6183				6.9		30.0			
1,2,3-Trichloropropane	+++++ 0.5713	+++++ 0.5500	0.5751 0.5510	0.5594	0.5387	Ave		0.5576				2.5		30.0			
n-Decane	+++++ 0.8159	+++++ 0.7839	0.7289 0.7833	0.7847	0.7664	Ave		0.7772				3.7		30.0			
4-Ethyltoluene	+++++ 1.4352	1.1308 1.3937	1.3193 1.3832	1.3727	1.3337	Ave		1.3384				7.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26247-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 1.1960	1.0057 1.1554	1.1529 1.1581	1.1491	1.1165	Ave		1.1334				5.4		30.0			
1,3,5-Trimethylbenzene	+++++ 1.1859	0.8979 1.1544	1.0697 1.1627	1.1206	1.0966	Ave		1.0983				8.8		30.0			
Alpha Methyl Styrene	+++++ 0.5825	0.3800 0.5866	0.4479 0.5956	0.5480	0.4629	Ave		0.5148				16.0		30.0			
tert-Butylbenzene	+++++ 1.1381	0.9077 1.1009	1.0370 1.1051	1.0938	1.0559	Ave		1.0626				7.2		30.0			
1,2,4-Trimethylbenzene	+++++ 1.2139	0.8914 1.1686	1.0733 1.1752	1.1576	1.1278	Ave		1.1154				9.7		30.0			
sec-Butylbenzene	+++++ 1.7612	1.3688 1.6986	1.6049 1.6808	1.7153	1.6498	Ave		1.6399				7.9		30.0			
4-Isopropyltoluene	+++++ 1.5098	1.1224 1.4538	1.3038 1.4494	1.4438	1.3925	Ave		1.3822				9.5		30.0			
1,3-Dichlorobenzene	+++++ 0.8637	0.7126 0.8241	0.7904 0.8189	0.8339	0.8094	Ave		0.8076				5.9		30.0			
1,4-Dichlorobenzene	+++++ 0.8655	0.6974 0.8250	0.7727 0.8231	0.8287	0.8108	Ave		0.8033				6.7		30.0			
Benzyl chloride	+++++ 1.1197	0.7764 1.0555	0.8993 1.0645	1.0407	0.9935	Ave		0.9928				12.0		30.0			
n-Undecane	+++++ 0.9501	+++++ 0.8881	+++++ 0.8473	0.9218	0.8983	Ave		0.9011				4.3		30.0			
n-Butylbenzene	+++++ 1.4482	1.1132 1.3670	1.3396 1.2943	1.4301	1.3668	Ave		1.3370				8.3		30.0			
1,2-Dichlorobenzene	+++++ 0.8164	0.6925 0.7783	0.7480 0.7761	0.7886	0.7659	Ave		0.7665				5.1		30.0			
n-Dodecane	+++++ 0.8969	+++++ 0.8124	+++++ 0.6972	0.8224	0.8477	Ave		0.8153				9.0		30.0			
1,2,4-Trichlorobenzene	+++++ 0.7446	+++++ 0.6755	0.5036 0.6925	0.6528	0.6928	Ave		0.6603				12.0		30.0			
Hexachlorobutadiene	+++++ 0.6801	0.5374 0.6478	0.6154 0.6531	0.6361	0.6316	Ave		0.6288				7.2		30.0			
Naphthalene	+++++ 1.6502	+++++ 1.3764	0.5663 1.4079	1.2709	1.4819	Ave		1.2923				29.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.6823	0.4591 0.6177	0.4633 0.6261	0.5877	0.6391	Ave		0.5822				15.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26247-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-80238/4	10468-004.D
Level 2	IC 200-80238/5	10468-005.D
Level 3	IC 200-80238/6	10468-006.D
Level 4	IC 200-80238/7	10468-007.D
Level 5	ICIS 200-80238/8	10468-008.D
Level 6	IC 200-80238/9	10468-009.D
Level 7	IC 200-80238/10	10468-010.D
Level 8	IC 200-80238/11	10468-011.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 302922	+++++ 405003	11364 852066	95603	184958	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1150182	+++++ 1540533	36459 3198913	353523	688023	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 670497	+++++ 889497	21996 1857050	207207	409599	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1058473	12115 1424364	33821 2983010	320635	636656	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 361891	+++++ 486374	12383 1023153	111572	219424	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 609731	+++++ 807771	19607 1707522	182603	368760	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1051 413731	4859 545646	12865 1143239	121162	245672	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	+++++ 289486	3139 392277	8929 819363	87088	173364	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 334150	4053 443676	10994 920293	104808	202190	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 178463	+++++ 238006	5715 497289	55078	108539	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 371108	5487 490333	13158 1016558	113652	226232	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 396735	4368 534856	12100 1128554	114173	232693	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1175043	13744 1570932	37583 3266598	351672	698809	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 674597	+++++ 910726	20438 1925407	199414	402685	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 236243	+++++ 455487	55544 1251743	164319	164369	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26247-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 270364	2861 366255	8015 774258	78206	158204	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 793385	9127 1073671	25664 2253966	236072	472295	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 122092	+++++ 165618	+++++ 349323	37052	75215	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	+++++ 367263	4077 495456	11026 1054723	106045	218448	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 664827	+++++ 803753	+++++ 1652455	225186	432390	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1177101	+++++ 1420154	32924 2991950	307449	688758	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 530813	+++++ 699416	+++++ 1479150	165972	313518	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 505090	5175 686838	14672 1463530	147564	299272	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 272656	+++++ 366711	+++++ 768746	86789	162311	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 449817	+++++ 602494	19321 1267956	137301	269621	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 757571	+++++ 1011602	+++++ 2157756	224110	441123	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1188084	11301 1628158	32261 3462815	337762	693490	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 602723	6348 814292	18364 1722777	177680	357397	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 285825	+++++ 389354	8547 835105	83651	168757	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 602128	6312 825603	16495 1761242	175400	357358	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1705 769553	8736 1051662	23935 2253580	227350	453893	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 1111409	+++++ 1518550	+++++ 3231829	316798	639592	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	+++++ 457937	4609 633229	13070 1361223	126929	262947	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 228925	+++++ 309107	9089 653411	66565	134133	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 35004	+++++ 48841	+++++ 103925	9906	20474	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	+++++ 521994	+++++ 701184	+++++ 1495853	151549	307830	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26247-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 966427	10860 1323665	28653 2828271	276869	561791	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	+++++ 643646	6155 889651	16454 1923116	176844	368250	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	+++++ 1018125	10817 1400997	29279 2986568	288270	592619	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	2439 1111922	11505 1528872	31527 3279436	309380	635824	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2579003	22815 3574506	64002 7678725	700917	1481693	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	+++++ 1552447	16688 2154813	44202 4602009	436934	893690	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	+++++ 658686	6961 904047	19178 1912252	186311	385529	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	+++++ 975700	9621 1335893	24598 2856791	268521	568038	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	+++++ 291873	+++++ 405539	+++++ 889477	85756	152192	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1483 704199	7175 990315	19437 2155419	188586	395372	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	+++++ 656316	6568 915308	17355 1976710	175039	367597	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	+++++ 620213	+++++ 875217	13880 1913620	156919	338917	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	+++++ 262239	+++++ 353836	+++++ 753319	76193	150468	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	+++++ 681543	7136 962535	18920 2108001	177904	376056	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	+++++ 1199855	11535 1676640	31322 3643575	319996	673449	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	+++++ 964457	7990 1352893	22605 2975320	244910	532367	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	+++++ 1343963	+++++ 1840809	33142 3927996	366003	763932	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	+++++ 1238766	11631 1734985	31435 3759722	317342	685376	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	+++++ 1499225	13150 2061779	36960 4390970	410338	857113	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1007157	10486 1405632	24745 3068184	259994	554975	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	+++++ 610813	6211 863507	16437 1876080	163376	342083	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26247-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	2157 1028589	9214 1462991	26610 3220084	267643	568448	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1299505	+++++ 1793127	31429 3828337	346038	721455	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	+++++ 1278094	10833 1807273	31318 3998505	323046	697826	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	+++++ 1115814	9651 1559996	28299 3432887	286608	616204	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	+++++ 1707375	17036 2396231	45921 5246700	451459	954449	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	+++++ 2846359	24350 3977561	69685 8650454	744835	1593497	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	+++++ 1411508	11381 1961589	32931 4257392	373375	796380	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	+++++ 2232459	18445 3117492	54579 6774407	587587	1255849	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	+++++ 1098330	8490 1537254	24299 3342777	282290	607173	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	+++++ 1770728	12014 2470901	36954 5421859	449304	955552	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	+++++ 1421602	10794 1997651	30520 4427269	352784	777595	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	+++++ 3284310	25156 4580616	76242 9990166	857308	1831603	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 1703989	16020 2362863	43815 5104336	454670	961909	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	+++++ 4115136	34911 5693151	99525 12303241	1095248	2319721	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1354624	+++++ 1873401	36313 4053858	368719	771202	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	+++++ 1934660	+++++ 2669864	46022 5763740	517208	1097153	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	+++++ 3403349	28386 4746720	83296 10177259	904695	1909444	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	+++++ 2836168	25246 3935112	72790 8521523	757322	1598486	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 2812197	22541 3931880	67537 8554990	738595	1569913	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	+++++ 1381335	9540 1998054	28279 4382463	361162	662718	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	+++++ 2698727	22785 3749381	65475 8130900	720908	1511680	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26247-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 2878517	22376 3980192	67765 8646682	762949	1614636	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	+++++ 4176364	34362 5785356	101329 12367390	1130507	2361853	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	+++++ 3580107	28177 4951539	82319 10664421	951576	1993528	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2048089	17888 2806881	49906 6025484	549613	1158763	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2052278	17507 2809912	48788 6055926	546190	1160806	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	+++++ 2655055	19489 3594762	56782 7832769	685880	1422314	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	+++++ 2252933	+++++ 3024807	+++++ 6234040	607536	1286016	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	+++++ 3433973	27945 4655724	84577 9523172	942540	1956754	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 1935969	17385 2650828	47226 5710377	519722	1096459	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	+++++ 2126899	+++++ 2766985	+++++ 5129752	542051	1213562	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 1765600	+++++ 2300550	31795 5095610	430227	991795	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	+++++ 1612736	13491 2206425	38853 4805536	419260	904241	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	+++++ 3913156	+++++ 4687761	35753 10358879	837602	2121570	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1618008	11526 2103847	29252 4606464	387335	914954	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26260-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-80238/4	10468-004.D
Level 2	IC 200-80238/5	10468-005.D
Level 3	IC 200-80238/6	10468-006.D
Level 4	IC 200-80238/7	10468-007.D
Level 5	ICIS 200-80238/8	10468-008.D
Level 6	IC 200-80238/9	10468-009.D
Level 7	IC 200-80238/10	10468-010.D
Level 8	IC 200-80238/11	10468-011.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.7266	+++++ 0.6819	0.9546 0.6687	0.7819	0.7174	Ave		0.7552				14.0		30.0			
Dichlorodifluoromethane	+++++ 2.7591	+++++ 2.5936	3.0628 2.5104	2.8915	2.6688	Ave		2.7477				7.4		30.0			
Freon 22	+++++ 1.6084	+++++ 1.4976	1.8478 1.4574	1.6947	1.5888	Ave		1.6158				8.7		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.5391	2.5585 2.3981	2.8412 2.3410	2.6225	2.4696	Ave		2.5386				6.5		30.0			
Chloromethane	+++++ 0.8681	+++++ 0.8189	1.0402 0.8030	0.9125	0.8511	Ave		0.8823				9.8		30.0			
n-Butane	+++++ 1.4626	+++++ 1.3600	1.6471 1.3400	1.4935	1.4304	Ave		1.4556				7.6		30.0			
Vinyl chloride	1.0988 0.9925	1.0262 0.9186	1.0807 0.8972	0.9910	0.9530	Ave		0.9947				7.2		30.0			
1,3-Butadiene	+++++ 0.6944	0.6629 0.6604	0.7501 0.6430	0.7123	0.6725	Ave		0.6851				5.4		30.0			
Bromomethane	+++++ 0.8016	0.8559 0.7470	0.9236 0.7222	0.8572	0.7843	Ave		0.8131				8.6		30.0			
Chloroethane	+++++ 0.4281	+++++ 0.4007	0.4801 0.3903	0.4505	0.4210	Ave		0.4284				7.7		30.0			
Isopentane	+++++ 0.8902	1.1588 0.8255	1.1053 0.7978	0.9296	0.8775	Ave		0.9407				15.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.9517	0.9225 0.9005	1.0165 0.8857	0.9338	0.9026	Ave		0.9305				4.7		30.0			
Trichlorofluoromethane	+++++ 2.8187	2.9026 2.6448	3.1572 2.5636	2.8763	2.7107	Ave		2.8105				7.0		30.0			
n-Pentane	+++++ 1.6182	+++++ 1.5333	1.7169 1.5110	1.6310	1.5620	Ave		1.5954				4.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26260-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.4241	+++++ 0.3834	0.4660 0.3929	0.6715	0.4249	Ave		0.4605				23.0		30.0			
Ethyl ether	+++++ 0.6485	0.6042 0.6166	0.6733 0.6076	0.6396	0.6137	Ave		0.6291				4.1		30.0			
Freon TF	+++++ 1.9032	1.9275 1.8076	2.1559 1.7689	1.9308	1.8320	Ave		1.9037				6.7		30.0			
Acrolein	+++++ 0.2929	+++++ 0.2788	+++++ 0.2741	0.3030	0.2918	Ave		0.2881				4.0		30.0			
1,1-Dichloroethene	+++++ 0.8810	0.8610 0.8341	0.9262 0.8277	0.8673	0.8474	Ave		0.8635				3.9		30.0			
Acetone	+++++ 1.5948	+++++ 1.3532	+++++ 1.2968	1.8418	1.6772	Ave		1.5528				15.0		30.0			
Carbon disulfide	+++++ 2.8236	+++++ 2.3910	2.7658 2.3480	2.5146	2.6717	Ave		2.5858				7.7		30.0			
Isopropyl alcohol	+++++ 1.2733	+++++ 1.1775	+++++ 1.1608	1.3575	1.2161	Ave		1.2371				6.5		30.0			
3-Chloropropene	+++++ 1.2116	1.0929 1.1564	1.2325 1.1486	1.2069	1.1609	Ave		1.1728				4.1		30.0			
Acetonitrile	+++++ 0.6540	+++++ 0.6174	+++++ 0.6033	0.7098	0.6296	Ave		0.6428				6.5		30.0			
Methylene Chloride	+++++ 1.0790	+++++ 1.0144	1.6231 0.9951	1.1230	1.0458	Ave		1.1467				21.0		30.0			
tert-Butyl alcohol	+++++ 1.8173	+++++ 1.7031	+++++ 1.6934	1.8330	1.7111	Ave		1.7516				3.9		30.0			
Methyl tert-butyl ether	+++++ 2.8500	2.3866 2.7412	2.7101 2.7176	2.7625	2.6900	Ave		2.6940				5.4		30.0			
trans-1,2-Dichloroethene	+++++ 1.4458	1.3406 1.3709	1.5427 1.3520	1.4532	1.3863	Ave		1.4131				5.1		30.0			
Acrylonitrile	+++++ 0.6856	+++++ 0.6555	0.7180 0.6554	0.6842	0.6546	Ave		0.6756				3.8		30.0			
n-Hexane	+++++ 1.4444	1.3330 1.3900	1.3857 1.3822	1.4346	1.3862	Ave		1.3937				2.7		30.0			
1,1-Dichloroethane	1.7826 1.8460	1.8449 1.7706	2.0107 1.7686	1.8595	1.7606	Ave		1.8304				4.5		30.0			
Vinyl acetate	+++++ 2.6660	+++++ 2.5566	+++++ 2.5363	2.5911	2.4810	Ave		2.5662				2.7		30.0			
cis-1,2-Dichloroethene	+++++ 1.0985	0.9734 1.0661	1.0980 1.0683	1.0381	1.0200	Ave		1.0518				4.3		30.0			
Methyl Ethyl Ketone	+++++ 0.5491	+++++ 0.5204	0.7635 0.5128	0.5444	0.5203	Ave		0.5684				17.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26260-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.0840	+++++ 0.0822	+++++ 0.0816	0.0810	0.0794	Ave		0.0816				2.0		30.0			
Tetrahydrofuran	+++++ 0.2177	+++++ 0.2039	+++++ 0.2029	0.2236	0.2120	Ave		0.2120				4.2		30.0			
Chloroform	+++++ 2.3183	2.2935 2.2285	2.4070 2.2196	2.2645	2.1792	Ave		2.2729				3.3		30.0			
Cyclohexane	+++++ 0.2684	0.2335 0.2587	0.2475 0.2608	0.2610	0.2536	Ave		0.2548				4.5		30.0			
1,1,1-Trichloroethane	+++++ 0.4245	0.4104 0.4074	0.4404 0.4050	0.4254	0.4082	Ave		0.4173				3.1		30.0			
Carbon tetrachloride	0.4586 0.4636	0.4365 0.4446	0.4742 0.4447	0.4566	0.4379	Ave		0.4521				2.9		30.0			
2,2,4-Trimethylpentane	+++++ 1.0754	0.8657 1.0394	0.9627 1.0413	1.0343	1.0205	Ave		1.0056				7.0		30.0			
Benzene	+++++ 0.6473	0.6332 0.6266	0.6649 0.6241	0.6448	0.6155	Ave		0.6366				2.6		30.0			
1,2-Dichloroethane	+++++ 0.2747	0.2641 0.2629	0.2885 0.2593	0.2749	0.2655	Ave		0.2700				3.7		30.0			
n-Heptane	+++++ 0.4068	0.3651 0.3884	0.3700 0.3874	0.3963	0.3912	Ave		0.3865				3.8		30.0			
n-Butanol	+++++ 0.1217	+++++ 0.1179	+++++ 0.1206	0.1266	0.1048	Ave		0.1183				6.9		30.0			
Trichloroethene	0.2789 0.2936	0.2722 0.2880	0.2924 0.2923	0.2783	0.2723	Ave		0.2835				3.2		30.0			
1,2-Dichloropropane	+++++ 0.2737	0.2492 0.2661	0.2610 0.2681	0.2583	0.2532	Ave		0.2614				3.3		30.0			
Methyl methacrylate	+++++ 0.2586	+++++ 0.2545	0.2088 0.2595	0.2316	0.2334	Ave		0.2411				8.3		30.0			
1,4-Dioxane	+++++ 0.1093	+++++ 0.1029	+++++ 0.1022	0.1124	0.1036	Ave		0.1061				4.3		30.0			
Dibromomethane	+++++ 0.2842	0.2708 0.2799	0.2846 0.2859	0.2625	0.2590	Ave		0.2753				4.1		30.0			
Bromodichloromethane	+++++ 0.5003	0.4377 0.4875	0.4711 0.4941	0.4722	0.4638	Ave		0.4753				4.5		30.0			
cis-1,3-Dichloropropene	+++++ 0.4022	0.3032 0.3934	0.3400 0.4035	0.3614	0.3667	Ave		0.3672				10.0		30.0			
methyl isobutyl ketone	+++++ 0.5604	+++++ 0.5353	0.4985 0.5327	0.5401	0.5261	Ave		0.5322				3.8		30.0			
Toluene	+++++ 0.5224	0.4633 0.5094	0.4979 0.5110	0.4815	0.4787	Ave		0.4949				4.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26260-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.6251	0.4990 0.5995	0.5559 0.5955	0.6055	0.5903	Ave		0.5816				7.2		30.0			
trans-1,3-Dichloropropene	+++++ 0.4200	0.3979 0.4087	0.3722 0.4161	0.3837	0.3822	Ave		0.3973				4.6		30.0			
1,1,2-Trichloroethane	+++++ 0.2576	0.2474 0.2535	0.2603 0.2550	0.2479	0.2389	Ave		0.2515				2.9		30.0			
Tetrachloroethene	0.4311 0.4338	0.3670 0.4295	0.4215 0.4376	0.4061	0.3971	Ave		0.4155				5.8		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.5480	+++++ 0.5265	0.4978 0.5203	0.5250	0.5039	Ave		0.5203				3.4		30.0			
Dibromochloromethane	+++++ 0.5390	0.4315 0.5306	0.4960 0.5434	0.4901	0.4874	Ave		0.5026				7.8		30.0			
1,2-Dibromoethane	+++++ 0.4706	0.3845 0.4580	0.4482 0.4666	0.4349	0.4304	Ave		0.4419				6.7		30.0			
Chlorobenzene	+++++ 0.7200	0.6786 0.7036	0.7273 0.7131	0.6850	0.6667	Ave		0.6992				3.3		30.0			
Ethylbenzene	+++++ 1.2003	0.9700 1.1678	1.1037 1.1757	1.1301	1.1131	Ave		1.1230				6.8		30.0			
n-Nonane	+++++ 0.5953	0.4534 0.5759	0.5216 0.5786	0.5665	0.5563	Ave		0.5496				8.8		30.0			
m,p-Xylene	+++++ 0.4707	0.3674 0.4577	0.4322 0.4603	0.4458	0.4386	Ave		0.4390				7.8		30.0			
Xylene, o-	+++++ 0.4632	0.3382 0.4514	0.3849 0.4543	0.4283	0.4241	Ave		0.4206				11.0		30.0			
Styrene	+++++ 0.7467	0.4786 0.7255	0.5853 0.7369	0.6817	0.6675	Ave		0.6603				15.0		30.0			
Bromoform	+++++ 0.5995	0.4300 0.5865	0.4834 0.6017	0.5353	0.5431	Ave		0.5399				12.0		30.0			
Cumene	+++++ 1.3850	1.0021 1.3449	1.2076 1.3577	1.3008	1.2794	Ave		1.2682				10.0		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7186	0.6382 0.6938	0.6940 0.6937	0.6899	0.6719	Ave		0.6857				3.6		30.0			
n-Propylbenzene	+++++ 1.7354	1.3907 1.6716	1.5763 1.6721	1.6618	1.6203	Ave		1.6183				6.9		30.0			
1,2,3-Trichloropropane	+++++ 0.5713	+++++ 0.5500	0.5751 0.5510	0.5594	0.5387	Ave		0.5576				2.5		30.0			
n-Decane	+++++ 0.8159	+++++ 0.7839	0.7289 0.7833	0.7847	0.7664	Ave		0.7772				3.7		30.0			
4-Ethyltoluene	+++++ 1.4352	1.1308 1.3937	1.3193 1.3832	1.3727	1.3337	Ave		1.3384				7.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-26260-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 1.1960	1.0057 1.1554	1.1529 1.1581	1.1491	1.1165	Ave		1.1334				5.4		30.0			
1,3,5-Trimethylbenzene	+++++ 1.1859	0.8979 1.1544	1.0697 1.1627	1.1206	1.0966	Ave		1.0983				8.8		30.0			
Alpha Methyl Styrene	+++++ 0.5825	0.3800 0.5866	0.4479 0.5956	0.5480	0.4629	Ave		0.5148				16.0		30.0			
tert-Butylbenzene	+++++ 1.1381	0.9077 1.1009	1.0370 1.1051	1.0938	1.0559	Ave		1.0626				7.2		30.0			
1,2,4-Trimethylbenzene	+++++ 1.2139	0.8914 1.1686	1.0733 1.1752	1.1576	1.1278	Ave		1.1154				9.7		30.0			
sec-Butylbenzene	+++++ 1.7612	1.3688 1.6986	1.6049 1.6808	1.7153	1.6498	Ave		1.6399				7.9		30.0			
4-Isopropyltoluene	+++++ 1.5098	1.1224 1.4538	1.3038 1.4494	1.4438	1.3925	Ave		1.3822				9.5		30.0			
1,3-Dichlorobenzene	+++++ 0.8637	0.7126 0.8241	0.7904 0.8189	0.8339	0.8094	Ave		0.8076				5.9		30.0			
1,4-Dichlorobenzene	+++++ 0.8655	0.6974 0.8250	0.7727 0.8231	0.8287	0.8108	Ave		0.8033				6.7		30.0			
Benzyl chloride	+++++ 1.1197	0.7764 1.0555	0.8993 1.0645	1.0407	0.9935	Ave		0.9928				12.0		30.0			
n-Undecane	+++++ 0.9501	+++++ 0.8881	+++++ 0.8473	0.9218	0.8983	Ave		0.9011				4.3		30.0			
n-Butylbenzene	+++++ 1.4482	1.1132 1.3670	1.3396 1.2943	1.4301	1.3668	Ave		1.3370				8.3		30.0			
1,2-Dichlorobenzene	+++++ 0.8164	0.6925 0.7783	0.7480 0.7761	0.7886	0.7659	Ave		0.7665				5.1		30.0			
n-Dodecane	+++++ 0.8969	+++++ 0.8124	+++++ 0.6972	0.8224	0.8477	Ave		0.8153				9.0		30.0			
1,2,4-Trichlorobenzene	+++++ 0.7446	+++++ 0.6755	0.5036 0.6925	0.6528	0.6928	Ave		0.6603				12.0		30.0			
Hexachlorobutadiene	+++++ 0.6801	0.5374 0.6478	0.6154 0.6531	0.6361	0.6316	Ave		0.6288				7.2		30.0			
Naphthalene	+++++ 1.6502	+++++ 1.3764	0.5663 1.4079	1.2709	1.4819	Ave		1.2923				29.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.6823	0.4591 0.6177	0.4633 0.6261	0.5877	0.6391	Ave		0.5822				15.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26260-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-80238/4	10468-004.D
Level 2	IC 200-80238/5	10468-005.D
Level 3	IC 200-80238/6	10468-006.D
Level 4	IC 200-80238/7	10468-007.D
Level 5	ICIS 200-80238/8	10468-008.D
Level 6	IC 200-80238/9	10468-009.D
Level 7	IC 200-80238/10	10468-010.D
Level 8	IC 200-80238/11	10468-011.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 302922	+++++ 405003	11364 852066	95603	184958	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1150182	+++++ 1540533	36459 3198913	353523	688023	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 670497	+++++ 889497	21996 1857050	207207	409599	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1058473	12115 1424364	33821 2983010	320635	636656	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 361891	+++++ 486374	12383 1023153	111572	219424	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 609731	+++++ 807771	19607 1707522	182603	368760	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1051 413731	4859 545646	12865 1143239	121162	245672	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	+++++ 289486	3139 392277	8929 819363	87088	173364	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 334150	4053 443676	10994 920293	104808	202190	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 178463	+++++ 238006	5715 497289	55078	108539	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 371108	5487 490333	13158 1016558	113652	226232	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 396735	4368 534856	12100 1128554	114173	232693	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1175043	13744 1570932	37583 3266598	351672	698809	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 674597	+++++ 910726	20438 1925407	199414	402685	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 236243	+++++ 455487	55544 1251743	164319	164369	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26260-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 270364	2861 366255	8015 774258	78206	158204	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 793385	9127 1073671	25664 2253966	236072	472295	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 122092	+++++ 165618	+++++ 349323	37052	75215	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	+++++ 367263	4077 495456	11026 1054723	106045	218448	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 664827	+++++ 803753	+++++ 1652455	225186	432390	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1177101	+++++ 1420154	32924 2991950	307449	688758	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 530813	+++++ 699416	+++++ 1479150	165972	313518	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 505090	5175 686838	14672 1463530	147564	299272	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 272656	+++++ 366711	+++++ 768746	86789	162311	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 449817	+++++ 602494	19321 1267956	137301	269621	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 757571	+++++ 1011602	+++++ 2157756	224110	441123	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1188084	11301 1628158	32261 3462815	337762	693490	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 602723	6348 814292	18364 1722777	177680	357397	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 285825	+++++ 389354	8547 835105	83651	168757	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 602128	6312 825603	16495 1761242	175400	357358	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1705 769553	8736 1051662	23935 2253580	227350	453893	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 1111409	+++++ 1518550	+++++ 3231829	316798	639592	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	+++++ 457937	4609 633229	13070 1361223	126929	262947	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 228925	+++++ 309107	9089 653411	66565	134133	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 35004	+++++ 48841	+++++ 103925	9906	20474	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	+++++ 521994	+++++ 701184	+++++ 1495853	151549	307830	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26260-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 966427	10860 1323665	28653 2828271	276869	561791	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	+++++ 643646	6155 889651	16454 1923116	176844	368250	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	+++++ 1018125	10817 1400997	29279 2986568	288270	592619	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	2439 1111922	11505 1528872	31527 3279436	309380	635824	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2579003	22815 3574506	64002 7678725	700917	1481693	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	+++++ 1552447	16688 2154813	44202 4602009	436934	893690	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	+++++ 658686	6961 904047	19178 1912252	186311	385529	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	+++++ 975700	9621 1335893	24598 2856791	268521	568038	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	+++++ 291873	+++++ 405539	+++++ 889477	85756	152192	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1483 704199	7175 990315	19437 2155419	188586	395372	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	+++++ 656316	6568 915308	17355 1976710	175039	367597	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	+++++ 620213	+++++ 875217	13880 1913620	156919	338917	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	+++++ 262239	+++++ 353836	+++++ 753319	76193	150468	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	+++++ 681543	7136 962535	18920 2108001	177904	376056	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	+++++ 1199855	11535 1676640	31322 3643575	319996	673449	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	+++++ 964457	7990 1352893	22605 2975320	244910	532367	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	+++++ 1343963	+++++ 1840809	33142 3927996	366003	763932	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	+++++ 1238766	11631 1734985	31435 3759722	317342	685376	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	+++++ 1499225	13150 2061779	36960 4390970	410338	857113	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1007157	10486 1405632	24745 3068184	259994	554975	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	+++++ 610813	6211 863507	16437 1876080	163376	342083	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26260-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	2157 1028589	9214 1462991	26610 3220084	267643	568448	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1299505	+++++ 1793127	31429 3828337	346038	721455	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	+++++ 1278094	10833 1807273	31318 3998505	323046	697826	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	+++++ 1115814	9651 1559996	28299 3432887	286608	616204	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	+++++ 1707375	17036 2396231	45921 5246700	451459	954449	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	+++++ 2846359	24350 3977561	69685 8650454	744835	1593497	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	+++++ 1411508	11381 1961589	32931 4257392	373375	796380	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	+++++ 2232459	18445 3117492	54579 6774407	587587	1255849	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	+++++ 1098330	8490 1537254	24299 3342777	282290	607173	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	+++++ 1770728	12014 2470901	36954 5421859	449304	955552	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	+++++ 1421602	10794 1997651	30520 4427269	352784	777595	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	+++++ 3284310	25156 4580616	76242 9990166	857308	1831603	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 1703989	16020 2362863	43815 5104336	454670	961909	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	+++++ 4115136	34911 5693151	99525 12303241	1095248	2319721	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1354624	+++++ 1873401	36313 4053858	368719	771202	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	+++++ 1934660	+++++ 2669864	46022 5763740	517208	1097153	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	+++++ 3403349	28386 4746720	83296 10177259	904695	1909444	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	+++++ 2836168	25246 3935112	72790 8521523	757322	1598486	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 2812197	22541 3931880	67537 8554990	738595	1569913	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	+++++ 1381335	9540 1998054	28279 4382463	361162	662718	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	+++++ 2698727	22785 3749381	65475 8130900	720908	1511680	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-26260-1 Analy Batch No.: 80238

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2014 16:30 Calibration End Date: 11/10/2014 21:54 Calibration ID: 28497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 2878517	22376 3980192	67765 8646682	762949	1614636	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	+++++ 4176364	34362 5785356	101329 12367390	1130507	2361853	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	+++++ 3580107	28177 4951539	82319 10664421	951576	1993528	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2048089	17888 2806881	49906 6025484	549613	1158763	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2052278	17507 2809912	48788 6055926	546190	1160806	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	+++++ 2655055	19489 3594762	56782 7832769	685880	1422314	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	+++++ 2252933	+++++ 3024807	+++++ 6234040	607536	1286016	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	+++++ 3433973	27945 4655724	84577 9523172	942540	1956754	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 1935969	17385 2650828	47226 5710377	519722	1096459	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	+++++ 2126899	+++++ 2766985	+++++ 5129752	542051	1213562	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 1765600	+++++ 2300550	31795 5095610	430227	991795	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	+++++ 1612736	13491 2206425	38853 4805536	419260	904241	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	+++++ 3913156	+++++ 4687761	35753 10358879	837602	2121570	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1618008	11526 2103847	29252 4606464	387335	914954	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Lab Sample ID: ICV 200-82265/19 Calibration Date: 12/18/2014 11:18

Instrument ID: CHW.i Calib Start Date: 12/17/2014 14:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/18/2014 09:40

Lab File ID: 11193_019.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8014	0.6644		8.29	10.0	-17.1	30.0
Dichlorodifluoromethane	Ave	2.851	2.676		9.39	10.0	-6.1	30.0
Freon 22	Ave	1.495	1.353		9.05	10.0	-9.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.869	3.098		10.8	10.0	8.0	30.0
Chloromethane	Ave	0.9303	0.8231		8.85	10.0	-11.5	30.0
n-Butane	Ave	1.626	1.323		8.14	10.0	-18.6	30.0
Vinyl chloride	Ave	1.112	1.003		9.02	10.0	-9.8	30.0
1,3-Butadiene	Ave	0.8376	0.7010		8.37	10.0	-16.3	30.0
Bromomethane	Ave	1.162	1.084		9.33	10.0	-6.7	30.0
Chloroethane	Ave	0.6232	0.5766		9.25	10.0	-7.5	30.0
Isopentane	Ave	1.176	1.130		9.61	10.0	-3.9	30.0
Bromoethene(Vinyl Bromide)	Ave	1.295	1.273		9.82	10.0	-1.7	30.0
Trichlorofluoromethane	Ave	2.904	2.773		9.55	10.0	-4.5	30.0
n-Pentane	Ave	1.807	1.765		9.77	10.0	-2.3	30.0
Ethanol	Ave	0.3895	0.4002		15.4	15.0	2.8	30.0
Ethyl ether	Ave	0.7332	0.7766		10.6	10.0	5.9	30.0
Acrolein	Ave	0.3135	0.3752		12.0	10.0	19.7	30.0
Freon TF	Ave	2.376	2.348		9.88	10.0	-1.2	30.0
1,1-Dichloroethene	Ave	1.217	1.174		9.65	10.0	-3.5	30.0
Acetone	Ave	1.539	1.359		8.83	10.0	-11.7	30.0
Carbon disulfide	Ave	3.073	3.289		10.7	10.0	7.0	30.0
Isopropyl alcohol	Ave	1.358	1.091		8.03	10.0	-19.7	30.0
3-Chloropropene	Ave	1.228	1.129		9.19	10.0	-8.1	30.0
Acetonitrile	Ave	0.6715	0.6539		9.74	10.0	-2.6	30.0
Methylene Chloride	Ave	1.109	0.9817		8.85	10.0	-11.4	30.0
tert-Butyl alcohol	Ave	1.962	1.689		8.61	10.0	-13.9	30.0
Methyl tert-butyl ether	Ave	3.239	3.137		9.69	10.0	-3.1	30.0
trans-1,2-Dichloroethene	Ave	1.480	1.499		10.1	10.0	1.3	30.0
Acrylonitrile	Ave	0.7380	0.7267		9.84	10.0	-1.5	30.0
n-Hexane	Ave	1.737	1.732		9.96	10.0	-0.3	30.0
1,1-Dichloroethane	Ave	1.953	1.888		9.67	10.0	-3.3	30.0
Vinyl acetate	Ave	2.409	2.323		9.64	10.0	-3.6	30.0
cis-1,2-Dichloroethene	Ave	1.386	1.336		9.64	10.0	-3.6	30.0
Methyl Ethyl Ketone	Ave	0.6536	0.6060		9.27	10.0	-7.3	30.0
Ethyl acetate	Ave	0.1087	0.1176		10.8	10.0	8.2	30.0
Tetrahydrofuran	Ave	0.2324	0.2219		9.55	10.0	-4.5	30.0
Chloroform	Ave	2.320	2.267		9.77	10.0	-2.3	30.0
Cyclohexane	Ave	0.3798	0.3730		9.82	10.0	-1.8	30.0
1,1,1-Trichloroethane	Ave	0.5026	0.4954		9.85	10.0	-1.4	30.0
Carbon tetrachloride	Ave	0.5236	0.5413		10.3	10.0	3.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Lab Sample ID: ICV 200-82265/19 Calibration Date: 12/18/2014 11:18

Instrument ID: CHW.i Calib Start Date: 12/17/2014 14:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/18/2014 09:40

Lab File ID: 11193_019.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.173	1.117		9.52	10.0	-4.8	30.0
Benzene	Ave	0.7992	0.7807		9.77	10.0	-2.3	30.0
1,2-Dichloroethane	Ave	0.2820	0.2693		9.55	10.0	-4.5	30.0
n-Heptane	Ave	0.4130	0.3764		9.11	10.0	-8.8	30.0
n-Butanol	Ave	0.1298	0.1365		10.5	10.0	5.1	30.0
Trichloroethene	Ave	0.3558	0.3590		10.1	10.0	0.9	30.0
1,2-Dichloropropane	Ave	0.2811	0.2678		9.52	10.0	-4.8	30.0
Methyl methacrylate	Ave	0.2847	0.2800		9.83	10.0	-1.6	30.0
1,4-Dioxane	Ave	0.1344	0.1269		9.44	10.0	-5.5	30.0
Dibromomethane	Ave	0.4180	0.4290		10.3	10.0	2.6	30.0
Bromodichloromethane	Ave	0.5283	0.5161		9.77	10.0	-2.3	30.0
cis-1,3-Dichloropropene	Ave	0.4196	0.4213		10.0	10.0	0.4	30.0
methyl isobutyl ketone	Ave	0.5214	0.4755		9.12	10.0	-8.8	30.0
n-Octane	Ave	0.5509	0.5092		9.24	10.0	-7.6	30.0
Toluene	Ave	0.6664	0.6771		10.2	10.0	1.6	30.0
trans-1,3-Dichloropropene	Ave	0.4086	0.4156		10.2	10.0	1.7	30.0
1,1,2-Trichloroethane	Ave	0.3065	0.3088		10.1	10.0	0.7	30.0
Tetrachloroethene	Ave	0.6734	0.7134		10.6	10.0	5.9	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5341	0.4991		9.34	10.0	-6.5	30.0
Dibromochloromethane	Ave	0.6960	0.7076		10.2	10.0	1.7	30.0
1,2-Dibromoethane	Ave	0.5944	0.6091		10.2	10.0	2.5	30.0
Chlorobenzene	Ave	0.9454	0.9683		10.2	10.0	2.4	30.0
Ethylbenzene	Ave	1.401	1.420		10.1	10.0	1.3	30.0
n-Nonane	Ave	0.6098	0.5963		9.78	10.0	-2.2	30.0
m,p-Xylene	Ave	0.6027	0.6227		20.7	20.0	3.3	30.0
Xylene, o-	Ave	0.6140	0.6164		10.0	10.0	0.4	30.0
Styrene	Ave	0.9416	0.9714		10.3	10.0	3.2	30.0
Bromoform	Ave	0.7631	0.8193		10.7	10.0	7.4	30.0
Cumene	Ave	1.657	1.672		10.1	10.0	0.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7951	0.7952		10.0	10.0	0.0	30.0
n-Propylbenzene	Ave	1.878	1.901		10.1	10.0	1.2	30.0
1,2,3-Trichloropropane	Ave	0.6025	0.5824		9.67	10.0	-3.3	30.0
n-Decane	Ave	0.7905	0.7643		9.67	10.0	-3.3	30.0
4-Ethyltoluene	Ave	1.651	1.722		10.4	10.0	4.3	30.0
2-Chlorotoluene	Ave	1.329	1.344		10.1	10.0	1.1	30.0
1,3,5-Trimethylbenzene	Ave	1.386	1.420		10.2	10.0	2.4	30.0
Alpha Methyl Styrene	Ave	0.7681	0.8197		10.7	10.0	6.7	30.0
tert-Butylbenzene	Ave	1.398	1.424		10.2	10.0	1.8	30.0
1,2,4-Trimethylbenzene	Ave	1.397	1.422		10.2	10.0	1.8	30.0
sec-Butylbenzene	Ave	2.006	2.049		10.2	10.0	2.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Lab Sample ID: ICV 200-82265/19 Calibration Date: 12/18/2014 11:18

Instrument ID: CHW.i Calib Start Date: 12/17/2014 14:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/18/2014 09:40

Lab File ID: 11193_019.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.755	1.816		10.3	10.0	3.5	30.0
1,3-Dichlorobenzene	Ave	1.061	1.119		10.5	10.0	5.4	30.0
1,4-Dichlorobenzene	Ave	1.051	1.103		10.5	10.0	4.9	30.0
Benzyl chloride	Ave	0.9249	1.129		12.2	10.0	22.1	30.0
n-Undecane	Ave	0.7918	0.8386		10.6	10.0	5.9	30.0
n-Butylbenzene	Ave	1.467	1.500		10.2	10.0	2.2	30.0
1,2-Dichlorobenzene	Ave	1.021	1.064		10.4	10.0	4.2	30.0
n-Dodecane	Ave	0.5948	0.7298		12.3	10.0	22.7	30.0
1,2,4-Trichlorobenzene	Ave	0.7935	0.8403		10.6	10.0	5.9	30.0
Hexachlorobutadiene	Ave	0.7815	0.8588		11.0	10.0	9.9	30.0
Naphthalene	Ave	1.628	1.618		9.94	10.0	-0.6	30.0
1,2,3-Trichlorobenzene	Ave	0.6883	0.7224		10.5	10.0	5.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Lab Sample ID: CCVIS 200-82774/4 Calibration Date: 12/30/2014 11:23

Instrument ID: CHW.i Calib Start Date: 12/17/2014 14:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/18/2014 09:40

Lab File ID: 11372_004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8014	0.7163		8.94	10.0	-10.6	30.0
Dichlorodifluoromethane	Ave	2.851	2.821		9.89	10.0	-1.0	30.0
Freon 22	Ave	1.495	1.415		9.46	10.0	-5.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.869	2.873		10.0	10.0	0.2	30.0
Chloromethane	Ave	0.9303	0.8433		9.06	10.0	-9.3	30.0
n-Butane	Ave	1.626	1.450		8.92	10.0	-10.8	30.0
Vinyl chloride	Ave	1.112	1.091		9.81	10.0	-1.9	30.0
1,3-Butadiene	Ave	0.8376	0.7943		9.48	10.0	-5.2	30.0
Bromomethane	Ave	1.162	1.247		10.7	10.0	7.3	30.0
Chloroethane	Ave	0.6232	0.5744		9.21	10.0	-7.8	30.0
Isopentane	Ave	1.176	1.036		8.81	10.0	-11.9	30.0
Bromoethene(Vinyl Bromide)	Ave	1.295	1.280		9.88	10.0	-1.1	30.0
Trichlorofluoromethane	Ave	2.904	2.838		9.77	10.0	-2.3	30.0
n-Pentane	Ave	1.807	1.553		8.59	10.0	-14.0	30.0
Ethanol	Ave	0.3895	0.3441		13.3	15.0	-11.6	30.0
Ethyl ether	Ave	0.7332	0.6683		9.11	10.0	-8.8	30.0
Acrolein	Ave	0.3135	0.3042		9.70	10.0	-3.0	30.0
Freon TF	Ave	2.376	2.346		9.87	10.0	-1.3	30.0
1,1-Dichloroethene	Ave	1.217	1.165		9.57	10.0	-4.3	30.0
Acetone	Ave	1.539	1.360		8.83	10.0	-11.7	30.0
Carbon disulfide	Ave	3.073	2.768		9.01	10.0	-9.9	30.0
Isopropyl alcohol	Ave	1.358	1.084		7.98	10.0	-20.2	30.0
3-Chloropropene	Ave	1.228	1.107		9.01	10.0	-9.9	30.0
Acetonitrile	Ave	0.6715	0.5730		8.53	10.0	-14.7	30.0
Methylene Chloride	Ave	1.109	0.9631		8.69	10.0	-13.1	30.0
tert-Butyl alcohol	Ave	1.962	1.568		7.99	10.0	-20.1	30.0
Methyl tert-butyl ether	Ave	3.239	2.949		9.10	10.0	-8.9	30.0
trans-1,2-Dichloroethene	Ave	1.480	1.355		9.15	10.0	-8.5	30.0
Acrylonitrile	Ave	0.7380	0.6471		8.77	10.0	-12.3	30.0
n-Hexane	Ave	1.737	1.517		8.73	10.0	-12.7	30.0
1,1-Dichloroethane	Ave	1.953	1.794		9.18	10.0	-8.2	30.0
Vinyl acetate	Ave	2.409	2.282		9.47	10.0	-5.3	30.0
cis-1,2-Dichloroethene	Ave	1.386	1.302		9.39	10.0	-6.0	30.0
Methyl Ethyl Ketone	Ave	0.6536	0.5775		8.83	10.0	-11.6	30.0
Ethyl acetate	Ave	0.1087	0.1018		9.36	10.0	-6.4	30.0
Tetrahydrofuran	Ave	0.2324	0.2207		9.49	10.0	-5.1	30.0
Chloroform	Ave	2.320	2.164		9.32	10.0	-6.7	30.0
Cyclohexane	Ave	0.3798	0.3654		9.62	10.0	-3.8	30.0
1,1,1-Trichloroethane	Ave	0.5026	0.5042		10.0	10.0	0.3	30.0
Carbon tetrachloride	Ave	0.5236	0.5471		10.4	10.0	4.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Lab Sample ID: CCVIS 200-82774/4 Calibration Date: 12/30/2014 11:23

Instrument ID: CHW.i Calib Start Date: 12/17/2014 14:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/18/2014 09:40

Lab File ID: 11372_004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.173	1.109		9.45	10.0	-5.4	30.0
Benzene	Ave	0.7992	0.7695		9.63	10.0	-3.7	30.0
1,2-Dichloroethane	Ave	0.2820	0.2681		9.51	10.0	-4.9	30.0
n-Heptane	Ave	0.4130	0.3734		9.04	10.0	-9.6	30.0
n-Butanol	Ave	0.1298	0.1091		8.40	10.0	-16.0	30.0
Trichloroethene	Ave	0.3558	0.3467		9.74	10.0	-2.6	30.0
1,2-Dichloropropane	Ave	0.2811	0.2626		9.34	10.0	-6.6	30.0
Methyl methacrylate	Ave	0.2847	0.2638		9.26	10.0	-7.4	30.0
1,4-Dioxane	Ave	0.1344	0.1158		8.62	10.0	-13.8	30.0
Dibromomethane	Ave	0.4180	0.4458		10.7	10.0	6.6	30.0
Bromodichloromethane	Ave	0.5283	0.5244		9.92	10.0	-0.7	30.0
cis-1,3-Dichloropropene	Ave	0.4196	0.3984		9.49	10.0	-5.1	30.0
methyl isobutyl ketone	Ave	0.5214	0.4743		9.09	10.0	-9.0	30.0
n-Octane	Ave	0.5509	0.5302		9.62	10.0	-3.8	30.0
Toluene	Ave	0.6664	0.6944		10.4	10.0	4.2	30.0
trans-1,3-Dichloropropene	Ave	0.4086	0.3971		9.72	10.0	-2.8	30.0
1,1,2-Trichloroethane	Ave	0.3065	0.3089		10.1	10.0	0.8	30.0
Tetrachloroethene	Ave	0.6734	0.7448		11.1	10.0	10.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5341	0.4988		9.34	10.0	-6.6	30.0
Dibromochloromethane	Ave	0.6960	0.7723		11.1	10.0	10.9	30.0
1,2-Dibromoethane	Ave	0.5944	0.6177		10.4	10.0	3.9	30.0
Chlorobenzene	Ave	0.9454	0.9950		10.5	10.0	5.2	30.0
Ethylbenzene	Ave	1.401	1.460		10.4	10.0	4.2	30.0
n-Nonane	Ave	0.6098	0.6112		10.0	10.0	0.2	30.0
m,p-Xylene	Ave	0.6027	0.6695		22.2	20.0	11.1	30.0
Xylene, o-	Ave	0.6140	0.6525		10.6	10.0	6.3	30.0
Styrene	Ave	0.9416	1.014		10.8	10.0	7.7	30.0
Bromoform	Ave	0.7631	0.9225		12.1	10.0	20.9	30.0
Cumene	Ave	1.657	1.794		10.8	10.0	8.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7951	0.8340		10.5	10.0	4.9	30.0
n-Propylbenzene	Ave	1.878	2.045		10.9	10.0	8.9	30.0
1,2,3-Trichloropropane	Ave	0.6025	0.6147		10.2	10.0	2.0	30.0
n-Decane	Ave	0.7905	0.7875		9.96	10.0	-0.4	30.0
4-Ethyltoluene	Ave	1.651	1.808		10.9	10.0	9.5	30.0
2-Chlorotoluene	Ave	1.329	1.410		10.6	10.0	6.1	30.0
1,3,5-Trimethylbenzene	Ave	1.386	1.495		10.8	10.0	7.8	30.0
Alpha Methyl Styrene	Ave	0.7681	0.8397		10.9	10.0	9.3	30.0
tert-Butylbenzene	Ave	1.398	1.524		10.9	10.0	9.0	30.0
1,2,4-Trimethylbenzene	Ave	1.397	1.508		10.8	10.0	8.0	30.0
sec-Butylbenzene	Ave	2.006	2.221		11.1	10.0	10.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Lab Sample ID: CCVIS 200-82774/4 Calibration Date: 12/30/2014 11:23

Instrument ID: CHW.i Calib Start Date: 12/17/2014 14:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/18/2014 09:40

Lab File ID: 11372_004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.755	1.966		11.2	10.0	12.0	30.0
1,3-Dichlorobenzene	Ave	1.061	1.228		11.6	10.0	15.7	30.0
1,4-Dichlorobenzene	Ave	1.051	1.207		11.5	10.0	14.8	30.0
Benzyl chloride	Ave	0.9249	1.168		12.6	10.0	26.3	30.0
n-Undecane	Ave	0.7918	0.8903		11.2	10.0	12.4	30.0
n-Butylbenzene	Ave	1.467	1.688		11.5	10.0	15.0	30.0
1,2-Dichlorobenzene	Ave	1.021	1.168		11.4	10.0	14.4	30.0
n-Dodecane	Ave	0.5948	0.6613		11.1	10.0	11.2	30.0
1,2,4-Trichlorobenzene	Ave	0.7935	0.9219		11.6	10.0	16.2	30.0
Hexachlorobutadiene	Ave	0.7815	0.9238		11.8	10.0	18.2	30.0
Naphthalene	Ave	1.628	1.811		11.1	10.0	11.3	30.0
1,2,3-Trichlorobenzene	Ave	0.6883	0.8164		11.9	10.0	18.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Lab Sample ID: ICV 200-81966/18 Calibration Date: 12/12/2014 11:44

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11064_19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9249	0.9454		10.2	10.0	2.2	30.0
Dichlorodifluoromethane	Ave	3.567	3.896		10.9	10.0	9.2	30.0
Freon 22	Ave	1.903	1.966		10.3	10.0	3.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.778	3.295		11.9	10.0	18.6	30.0
Chloromethane	Ave	1.009	1.016		10.1	10.0	0.7	30.0
n-Butane	Ave	1.473	1.535		10.4	10.0	4.2	30.0
Vinyl chloride	Ave	1.043	1.080		10.4	10.0	3.6	30.0
1,3-Butadiene	Ave	0.7136	0.7338		10.3	10.0	2.8	30.0
Bromomethane	Ave	1.073	1.143		10.6	10.0	6.5	30.0
Chloroethane	Ave	0.3922	0.4121		10.5	10.0	5.1	30.0
Isopentane	Ave	0.9816	1.100		11.2	10.0	12.0	30.0
Bromoethene(Vinyl Bromide)	Ave	1.067	1.154		10.8	10.0	8.2	30.0
Trichlorofluoromethane	Ave	3.257	3.503		10.8	10.0	7.5	30.0
n-Pentane	Ave	1.491	1.734		11.6	10.0	16.3	30.0
Ethanol	Ave	0.3518	0.4020		17.1	15.0	14.3	30.0
Ethyl ether	Ave	0.5419	0.5875		10.8	10.0	8.4	30.0
Acrolein	Ave	0.2282	0.3003		13.2	10.0	31.6*	30.0
Freon TF	Ave	2.025	2.171		10.7	10.0	7.2	30.0
1,1-Dichloroethene	Ave	0.8869	0.9508		10.7	10.0	7.2	30.0
Acetone	Ave	1.486	1.487		10.0	10.0	0.0	30.0
Carbon disulfide	Ave	2.659	3.284		12.3	10.0	23.5	30.0
Isopropyl alcohol	Ave	1.101	1.073		9.74	10.0	-2.6	30.0
3-Chloropropene	Ave	1.224	1.280		10.5	10.0	4.6	30.0
Acetonitrile	Ave	0.6479	0.6759		10.4	10.0	4.3	30.0
Methylene Chloride	Ave	1.307	1.354		10.4	10.0	3.6	30.0
tert-Butyl alcohol	Ave	1.453	1.557		10.7	10.0	7.1	30.0
Methyl tert-butyl ether	Ave	2.458	2.543		10.3	10.0	3.5	30.0
trans-1,2-Dichloroethene	Ave	1.522	1.728		11.4	10.0	13.5	30.0
Acrylonitrile	Ave	0.5774	0.6210		10.8	10.0	7.5	30.0
n-Hexane	Ave	1.192	1.385		11.6	10.0	16.2	30.0
1,1-Dichloroethane	Ave	1.979	2.017		10.2	10.0	1.9	30.0
Vinyl acetate	Ave	2.593	2.546		9.82	10.0	-1.8	30.0
cis-1,2-Dichloroethene	Ave	1.102	1.161		10.5	10.0	5.4	30.0
Methyl Ethyl Ketone	Ave	0.3928	0.4146		10.6	10.0	5.6	30.0
Ethyl acetate	Ave	0.0518	0.0610		11.8	10.0	17.7	30.0
Tetrahydrofuran	Ave	0.1947	0.2189		11.2	10.0	12.4	30.0
Chloroform	Ave	2.644	2.865		10.8	10.0	8.4	30.0
Cyclohexane	Ave	0.2257	0.2741		12.1	10.0	21.5	30.0
1,1,1-Trichloroethane	Ave	0.5074	0.6174		12.2	10.0	21.7	30.0
Carbon tetrachloride	Ave	0.5601	0.7087		12.7	10.0	26.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Lab Sample ID: ICV 200-81966/18 Calibration Date: 12/12/2014 11:44

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11064_19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9248	1.087		11.7	10.0	17.5	30.0
Benzene	Ave	0.6025	0.7008		11.6	10.0	16.3	30.0
1,2-Dichloroethane	Ave	0.3734	0.4393		11.8	10.0	17.6	30.0
n-Heptane	Ave	0.3836	0.4551		11.9	10.0	18.6	30.0
n-Butanol	Ave	0.0818	0.1022		12.5	10.0	24.8	30.0
Trichloroethene	Ave	0.3376	0.4099		12.1	10.0	21.4	30.0
1,2-Dichloropropane	Ave	0.2625	0.2991		11.4	10.0	13.9	30.0
Methyl methacrylate	Ave	0.1971	0.2300		11.7	10.0	16.7	30.0
1,4-Dioxane	Ave	0.0892	0.1035		11.6	10.0	16.1	30.0
Dibromomethane	Ave	0.3088	0.3772		12.2	10.0	22.2	30.0
Bromodichloromethane	Ave	0.6244	0.7518		12.0	10.0	20.4	30.0
cis-1,3-Dichloropropene	Ave	0.4237	0.5141		12.1	10.0	21.3	30.0
methyl isobutyl ketone	Ave	0.5485	0.6690		12.2	10.0	22.0	30.0
Toluene	Ave	0.4703	0.4866		10.3	10.0	3.5	30.0
n-Octane	Ave	0.6298	0.7336		11.6	10.0	16.5	30.0
trans-1,3-Dichloropropene	Ave	0.4513	0.5506		12.2	10.0	22.0	30.0
1,1,2-Trichloroethane	Ave	0.2551	0.2656		10.4	10.0	4.1	30.0
Tetrachloroethene	Ave	0.4378	0.4825		11.0	10.0	10.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4953	0.5420		10.9	10.0	9.4	30.0
Dibromochloromethane	Ave	0.5811	0.6341		10.9	10.0	9.1	30.0
1,2-Dibromoethane	Ave	0.4603	0.5052		11.0	10.0	9.7	30.0
Chlorobenzene	Ave	0.6399	0.6695		10.5	10.0	4.6	30.0
Ethylbenzene	Ave	1.043	1.053		10.1	10.0	0.9	30.0
n-Nonane	Ave	0.5018	0.5146		10.3	10.0	2.6	30.0
m,p-Xylene	Ave	0.4100	0.4069		19.8	20.0	-0.8	30.0
Xylene, o-	Ave	0.4186	0.4113		9.82	10.0	-1.8	30.0
Styrene	Ave	0.5831	0.6067		10.4	10.0	4.0	30.0
Bromoform	Ave	0.5737	0.6377		11.1	10.0	11.2	30.0
Cumene	Ave	1.162	1.155		9.94	10.0	-0.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6410	0.6575		10.3	10.0	2.6	30.0
n-Propylbenzene	Ave	1.412	1.409		9.98	10.0	-0.2	30.0
1,2,3-Trichloropropane	Ave	0.5223	0.5114		9.79	10.0	-2.1	30.0
2-Chlorotoluene	Ave	1.016	1.045		10.3	10.0	2.9	30.0
4-Ethyltoluene	Ave	1.123	1.166		10.4	10.0	3.8	30.0
n-Decane	Ave	0.6043	0.5994		9.92	10.0	-0.8	30.0
1,3,5-Trimethylbenzene	Ave	0.9846	0.9730		9.88	10.0	-1.2	30.0
Alpha Methyl Styrene	Ave	0.4671	0.4922		10.5	10.0	5.4	30.0
tert-Butylbenzene	Ave	0.9180	0.9015		9.82	10.0	-1.8	30.0
1,2,4-Trimethylbenzene	Ave	0.9740	0.9679		9.94	10.0	-0.6	30.0
sec-Butylbenzene	Ave	1.381	1.369		9.91	10.0	-0.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Lab Sample ID: ICV 200-81966/18 Calibration Date: 12/12/2014 11:44

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11064_19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.155	1.173		10.1	10.0	1.5	30.0
1,3-Dichlorobenzene	Ave	0.6897	0.7127		10.3	10.0	3.3	30.0
1,4-Dichlorobenzene	Ave	0.6798	0.7130		10.5	10.0	4.9	30.0
Benzyl chloride	Ave	0.8156	0.8740		10.7	10.0	7.2	30.0
n-Butylbenzene	Ave	1.081	1.100		10.2	10.0	1.7	30.0
n-Undecane	Ave	0.6218	0.6332		10.2	10.0	1.8	30.0
1,2-Dichlorobenzene	Ave	0.6667	0.6865		10.3	10.0	3.0	30.0
n-Dodecane	Ave	0.4153	0.5535		13.3	10.0	33.3*	30.0
1,2,4-Trichlorobenzene	Ave	0.4918	0.5280		10.7	10.0	7.4	30.0
Hexachlorobutadiene	Ave	0.4917	0.5384		10.9	10.0	9.5	30.0
Naphthalene	Ave	1.014	0.9620		9.48	10.0	-5.2	30.0
1,2,3-Trichlorobenzene	Ave	0.4501	0.4592		10.2	10.0	2.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Lab Sample ID: CCVIS 200-83372/2 Calibration Date: 01/14/2015 11:26

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11617_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9249	1.179		12.7	10.0	27.4	30.0
Dichlorodifluoromethane	Ave	3.567	4.319		12.1	10.0	21.1	30.0
Freon 22	Ave	1.903	2.336		12.3	10.0	22.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.778	3.118		11.2	10.0	12.2	30.0
Chloromethane	Ave	1.009	1.169		11.6	10.0	15.9	30.0
n-Butane	Ave	1.473	1.762		12.0	10.0	19.7	30.0
Vinyl chloride	Ave	1.043	1.160		11.1	10.0	11.2	30.0
1,3-Butadiene	Ave	0.7136	0.8147		11.4	10.0	14.2	30.0
Bromomethane	Ave	1.073	1.153		10.7	10.0	7.4	30.0
Chloroethane	Ave	0.3922	0.4525		11.5	10.0	15.4	30.0
Isopentane	Ave	0.9816	1.124		11.4	10.0	14.5	30.0
Bromoethene(Vinyl Bromide)	Ave	1.067	1.086		10.2	10.0	1.8	30.0
Trichlorofluoromethane	Ave	3.257	3.568		11.0	10.0	9.5	30.0
n-Pentane	Ave	1.491	1.727		11.6	10.0	15.8	30.0
Ethanol	Ave	0.3518	0.4242		18.1	15.0	20.6	30.0
Ethyl ether	Ave	0.5419	0.5752		10.6	10.0	6.1	30.0
Acrolein	Ave	0.2282	0.2672		11.7	10.0	17.1	30.0
Freon TF	Ave	2.025	2.109		10.4	10.0	4.1	30.0
1,1-Dichloroethene	Ave	0.8869	0.8771		9.89	10.0	-1.1	30.0
Acetone	Ave	1.486	1.761		11.9	10.0	18.5	30.0
Carbon disulfide	Ave	2.659	2.757		10.4	10.0	3.7	30.0
Isopropyl alcohol	Ave	1.101	1.342		12.2	10.0	21.9	30.0
3-Chloropropene	Ave	1.224	1.490		12.2	10.0	21.7	30.0
Acetonitrile	Ave	0.6479	0.7699		11.9	10.0	18.8	30.0
Methylene Chloride	Ave	1.307	1.509		11.5	10.0	15.4	30.0
tert-Butyl alcohol	Ave	1.453	1.725		11.9	10.0	18.7	30.0
Methyl tert-butyl ether	Ave	2.458	2.650		10.8	10.0	7.8	30.0
trans-1,2-Dichloroethene	Ave	1.522	1.675		11.0	10.0	10.0	30.0
Acrylonitrile	Ave	0.5774	0.6312		10.9	10.0	9.3	30.0
n-Hexane	Ave	1.192	1.311		11.0	10.0	10.0	30.0
1,1-Dichloroethane	Ave	1.979	2.088		10.5	10.0	5.5	30.0
Vinyl acetate	Ave	2.593	3.012		11.6	10.0	16.2	30.0
cis-1,2-Dichloroethene	Ave	1.102	1.095		9.94	10.0	-0.6	30.0
Methyl Ethyl Ketone	Ave	0.3928	0.3919		9.98	10.0	-0.2	30.0
Ethyl acetate	Ave	0.0518	0.0519		10.0	10.0	0.1	30.0
Tetrahydrofuran	Ave	0.1947	0.2402		12.3	10.0	23.4	30.0
Chloroform	Ave	2.644	2.818		10.7	10.0	6.6	30.0
Cyclohexane	Ave	0.2257	0.2381		10.5	10.0	5.5	30.0
1,1,1-Trichloroethane	Ave	0.5074	0.5890		11.6	10.0	16.1	30.0
Carbon tetrachloride	Ave	0.5601	0.6678		11.9	10.0	19.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Lab Sample ID: CCVIS 200-83372/2 Calibration Date: 01/14/2015 11:26

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11617_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6025	0.6346		10.5	10.0	5.3	30.0
2,2,4-Trimethylpentane	Ave	0.9248	1.045		11.3	10.0	13.0	30.0
1,2-Dichloroethane	Ave	0.3734	0.4556		12.2	10.0	22.0	30.0
n-Heptane	Ave	0.3836	0.4583		11.9	10.0	19.5	30.0
n-Butanol	Ave	0.0818	0.0917		11.2	10.0	12.0	30.0
Trichloroethene	Ave	0.3376	0.3451		10.2	10.0	2.2	30.0
1,2-Dichloropropane	Ave	0.2625	0.2676		10.2	10.0	1.9	30.0
Methyl methacrylate	Ave	0.1971	0.2004		10.2	10.0	1.7	30.0
1,4-Dioxane	Ave	0.0892	0.0924		10.4	10.0	3.6	30.0
Dibromomethane	Ave	0.3088	0.3149		10.2	10.0	2.0	30.0
Bromodichloromethane	Ave	0.6244	0.6856		11.0	10.0	9.8	30.0
cis-1,3-Dichloropropene	Ave	0.4237	0.4241		10.0	10.0	0.1	30.0
methyl isobutyl ketone	Ave	0.5485	0.6621		12.1	10.0	20.7	30.0
Toluene	Ave	0.4703	0.4675		9.94	10.0	-0.6	30.0
n-Octane	Ave	0.6298	0.6848		10.9	10.0	8.7	30.0
trans-1,3-Dichloropropene	Ave	0.4513	0.4682		10.4	10.0	3.7	30.0
1,1,2-Trichloroethane	Ave	0.2551	0.2636		10.3	10.0	3.4	30.0
Tetrachloroethene	Ave	0.4378	0.4598		10.5	10.0	5.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4953	0.6521		13.2	10.0	31.7*	30.0
Dibromochloromethane	Ave	0.5811	0.6723		11.6	10.0	15.7	30.0
1,2-Dibromoethane	Ave	0.4603	0.4945		10.7	10.0	7.4	30.0
Chlorobenzene	Ave	0.6399	0.6452		10.1	10.0	0.8	30.0
Ethylbenzene	Ave	1.043	1.065		10.2	10.0	2.1	30.0
n-Nonane	Ave	0.5018	0.5393		10.7	10.0	7.5	30.0
m,p-Xylene	Ave	0.4100	0.4144		20.2	20.0	1.1	30.0
Xylene, o-	Ave	0.4186	0.4139		9.88	10.0	-1.1	30.0
Styrene	Ave	0.5831	0.6002		10.3	10.0	2.9	30.0
Bromoform	Ave	0.5737	0.6907		12.0	10.0	20.4	30.0
Cumene	Ave	1.162	1.208		10.4	10.0	3.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6410	0.6829		10.7	10.0	6.5	30.0
n-Propylbenzene	Ave	1.412	1.516		10.7	10.0	7.3	30.0
1,2,3-Trichloropropane	Ave	0.5223	0.5696		10.9	10.0	9.1	30.0
2-Chlorotoluene	Ave	1.016	1.125		11.1	10.0	10.8	30.0
4-Ethyltoluene	Ave	1.123	1.215		10.8	10.0	8.1	30.0
n-Decane	Ave	0.6043	0.6618		10.9	10.0	9.5	30.0
1,3,5-Trimethylbenzene	Ave	0.9846	1.005		10.2	10.0	2.1	30.0
Alpha Methyl Styrene	Ave	0.4671	0.4948		10.6	10.0	5.9	30.0
tert-Butylbenzene	Ave	0.9180	0.9523		10.4	10.0	3.7	30.0
1,2,4-Trimethylbenzene	Ave	0.9740	1.017		10.4	10.0	4.4	30.0
sec-Butylbenzene	Ave	1.381	1.450		10.5	10.0	5.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Lab Sample ID: CCVIS 200-83372/2 Calibration Date: 01/14/2015 11:26

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11617_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.155	1.246		10.8	10.0	7.8	30.0
1,3-Dichlorobenzene	Ave	0.6897	0.7388		10.7	10.0	7.1	30.0
1,4-Dichlorobenzene	Ave	0.6798	0.7338		10.8	10.0	7.9	30.0
Benzyl chloride	Ave	0.8156	0.9702		11.9	10.0	18.9	30.0
n-Butylbenzene	Ave	1.081	1.183		10.9	10.0	9.4	30.0
n-Undecane	Ave	0.6218	0.6369		10.2	10.0	2.4	30.0
1,2-Dichlorobenzene	Ave	0.6667	0.6990		10.5	10.0	4.8	30.0
n-Dodecane	Ave	0.4153	0.5095		12.3	10.0	22.7	30.0
1,2,4-Trichlorobenzene	Ave	0.4918	0.5849		11.9	10.0	18.9	30.0
Hexachlorobutadiene	Ave	0.4917	0.5820		11.8	10.0	18.4	30.0
Naphthalene	Ave	1.014	1.102		10.9	10.0	8.6	30.0
1,2,3-Trichlorobenzene	Ave	0.4501	0.5328		11.8	10.0	18.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Lab Sample ID: ICV 200-82967/18 Calibration Date: 01/06/2015 11:44

Instrument ID: CHB.i Calib Start Date: 01/05/2015 14:34

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/06/2015 10:50

Lab File ID: 11470_18.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7937	0.8141		10.3	10.0	2.6	30.0
Dichlorodifluoromethane	Ave	5.974	6.119		10.2	10.0	2.4	30.0
Freon 22	Ave	2.250	2.372		10.5	10.0	5.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.735	4.328		11.6	10.0	15.9	30.0
Chloromethane	Ave	0.6502	0.6849		10.5	10.0	5.3	30.0
n-Butane	Ave	1.006	1.128		11.2	10.0	12.1	30.0
Vinyl chloride	Ave	0.8405	0.8950		10.6	10.0	6.5	30.0
1,3-Butadiene	Ave	0.5556	0.5961		10.7	10.0	7.3	30.0
Bromomethane	Ave	0.9709	0.9847		10.1	10.0	1.4	30.0
Chloroethane	Ave	0.4121	0.4715		11.4	10.0	14.4	30.0
Isopentane	Ave	0.6403	0.7924		12.4	10.0	23.7	30.0
Bromoethene(Vinyl Bromide)	Ave	1.173	1.305		11.1	10.0	11.3	30.0
Trichlorofluoromethane	Ave	5.260	5.609		10.7	10.0	6.6	30.0
n-Pentane	Ave	0.9028	1.207		13.4	10.0	33.7*	30.0
Ethanol	Ave	0.1880	0.2041		16.3	15.0	8.6	30.0
Ethyl ether	Ave	0.4606	0.5571		12.1	10.0	21.0	30.0
Acrolein	Ave	0.1769	0.2215		12.5	10.0	25.2	30.0
Freon TF	Ave	2.255	2.354		10.4	10.0	4.4	30.0
1,1-Dichloroethene	Ave	0.9080	0.9436		10.4	10.0	3.9	30.0
Acetone	Ave	1.329	1.423		10.7	10.0	7.1	30.0
Isopropyl alcohol	Ave	0.8316	0.7979		9.59	10.0	-4.0	30.0
Carbon disulfide	Ave	1.879	2.351		12.5	10.0	25.1	30.0
3-Chloropropene	Ave	0.6442	0.7326		11.4	10.0	13.7	30.0
Acetonitrile	Ave	0.2802	0.3297		11.8	10.0	17.7	30.0
Methylene Chloride	Ave	0.8302	0.8657		10.4	10.0	4.3	30.0
tert-Butyl alcohol	Ave	1.852	1.886		10.2	10.0	1.8	30.0
Methyl tert-butyl ether	Ave	3.154	3.559		11.3	10.0	12.8	30.0
trans-1,2-Dichloroethene	Ave	1.217	1.434		11.8	10.0	17.8	30.0
Acrylonitrile	Ave	0.3609	0.4017		11.1	10.0	11.3	30.0
n-Hexane	Ave	0.8724	1.073		12.3	10.0	23.0	30.0
1,1-Dichloroethane	Ave	1.446	1.626		11.2	10.0	12.5	30.0
Vinyl acetate	Ave	1.568	1.704		10.9	10.0	8.6	30.0
Methyl Ethyl Ketone	Ave	0.4247	0.4432		10.4	10.0	4.4	30.0
Ethyl acetate	Ave	0.0802	0.0902		11.2	10.0	12.5	30.0
cis-1,2-Dichloroethene	Ave	1.007	1.071		10.6	10.0	6.3	30.0
Tetrahydrofuran	Ave	0.1136	0.1278		11.2	10.0	12.5	30.0
Chloroform	Ave	2.593	2.828		10.9	10.0	9.1	30.0
1,1,1-Trichloroethane	Ave	0.7601	0.8030		10.6	10.0	5.7	30.0
Cyclohexane	Ave	0.2620	0.2921		11.1	10.0	11.5	30.0
Carbon tetrachloride	Ave	0.6840	0.7774		11.4	10.0	13.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Lab Sample ID: ICV 200-82967/18 Calibration Date: 01/06/2015 11:44

Instrument ID: CHB.i Calib Start Date: 01/05/2015 14:34

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/06/2015 10:50

Lab File ID: 11470_18.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.6163	0.7190		11.7	10.0	16.7	30.0
Benzene	Ave	0.5648	0.5790		10.2	10.0	2.5	30.0
1,2-Dichloroethane	Ave	0.4503	0.4855		10.8	10.0	7.8	30.0
n-Heptane	Ave	0.1971	0.2272		11.5	10.0	15.3	30.0
n-Butanol	Ave	0.0732	0.0760		10.4	10.0	3.8	30.0
Trichloroethene	Ave	0.3431	0.4053		11.8	10.0	18.1	30.0
1,2-Dichloropropane	Ave	0.1530	0.1680		11.0	10.0	9.8	30.0
Methyl methacrylate	Ave	0.1857	0.2076		11.2	10.0	11.7	30.0
1,4-Dioxane	Ave	0.0904	0.0898		9.93	10.0	-0.7	30.0
Dibromomethane	Ave	0.3070	0.3150		10.3	10.0	2.6	30.0
Bromodichloromethane	Ave	0.6057	0.6564		10.8	10.0	8.4	30.0
cis-1,3-Dichloropropene	Ave	0.3366	0.3741		11.1	10.0	11.2	30.0
methyl isobutyl ketone	Ave	0.3258	0.3602		11.1	10.0	10.5	30.0
n-Octane	Ave	0.2844	0.3621		12.7	10.0	27.3	30.0
Toluene	Ave	0.5122	0.6431		12.6	10.0	25.6	30.0
trans-1,3-Dichloropropene	Ave	0.4241	0.5152		12.1	10.0	21.5	30.0
1,1,2-Trichloroethane	Ave	0.2257	0.2651		11.7	10.0	17.5	30.0
Tetrachloroethene	Ave	0.5462	0.6286		11.5	10.0	15.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3632	0.4218		11.6	10.0	16.1	30.0
Dibromochloromethane	Ave	0.6853	0.7874		11.5	10.0	14.9	30.0
1,2-Dibromoethane	Ave	0.5115	0.5608		11.0	10.0	9.6	30.0
Chlorobenzene	Ave	0.8205	0.8804		10.7	10.0	7.3	30.0
Ethylbenzene	Ave	1.344	1.453		10.8	10.0	8.2	30.0
n-Nonane	Ave	0.3670	0.4288		11.7	10.0	16.8	30.0
m,p-Xylene	Ave	0.5377	0.5789		21.5	20.0	7.7	30.0
Xylene, o-	Ave	0.5184	0.5595		10.8	10.0	7.9	30.0
Styrene	Ave	0.8184	0.8878		10.8	10.0	8.5	30.0
Bromoform	Ave	0.6004	0.6253		10.4	10.0	4.1	30.0
Cumene	Ave	1.666	1.804		10.8	10.0	8.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5711	0.5712		10.0	10.0	0.0	30.0
n-Propylbenzene	Ave	1.895	2.067		10.9	10.0	9.1	30.0
1,2,3-Trichloropropane	Ave	0.5769	0.6191		10.7	10.0	7.3	30.0
n-Decane	Ave	0.4892	0.5613		11.5	10.0	14.7	30.0
4-Ethyltoluene	Ave	1.712	1.898		11.1	10.0	10.9	30.0
2-Chlorotoluene	Ave	1.433	1.565		10.9	10.0	9.2	30.0
1,3,5-Trimethylbenzene	Ave	1.532	1.686		11.0	10.0	10.1	30.0
Alpha Methyl Styrene	Ave	0.6823	0.7926		11.6	10.0	16.2	30.0
tert-Butylbenzene	Ave	1.449	1.593		11.0	10.0	9.9	30.0
1,2,4-Trimethylbenzene	Ave	1.511	1.713		11.3	10.0	13.4	30.0
sec-Butylbenzene	Ave	1.994	2.226		11.2	10.0	11.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Lab Sample ID: ICV 200-82967/18 Calibration Date: 01/06/2015 11:44

Instrument ID: CHB.i Calib Start Date: 01/05/2015 14:34

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/06/2015 10:50

Lab File ID: 11470_18.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.805	2.093		11.6	10.0	16.0	30.0
1,3-Dichlorobenzene	Ave	0.9885	1.129		11.4	10.0	14.2	30.0
1,4-Dichlorobenzene	Ave	0.9800	1.206		12.3	10.0	23.0	30.0
Benzyl chloride	Ave	1.249	1.501		12.0	10.0	20.2	30.0
n-Undecane	Ave	0.5531	0.6668		12.1	10.0	20.6	30.0
n-Butylbenzene	Ave	1.498	1.854		12.4	10.0	23.8	30.0
1,2-Dichlorobenzene	Ave	0.9483	1.191		12.6	10.0	25.6	30.0
n-Dodecane	Ave	0.4706	0.5996		12.7	10.0	27.4	30.0
1,2,4-Trichlorobenzene	Ave	0.6530	0.7331		11.2	10.0	12.3	30.0
Hexachlorobutadiene	Ave	0.5646	0.6110		10.8	10.0	8.2	30.0
Naphthalene	Ave	1.509	1.566		10.4	10.0	3.7	30.0
1,2,3-Trichlorobenzene	Ave	0.4548	0.5674		12.5	10.0	24.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Lab Sample ID: CCVIS 200-83124/2 Calibration Date: 01/08/2015 11:23

Instrument ID: CHB.i Calib Start Date: 01/05/2015 14:34

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/06/2015 10:50

Lab File ID: 11529_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7937	0.8134		10.2	10.0	2.5	30.0
Dichlorodifluoromethane	Ave	5.974	6.487		10.9	10.0	8.6	30.0
Freon 22	Ave	2.250	2.433		10.8	10.0	8.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.735	3.965		10.6	10.0	6.2	30.0
Chloromethane	Ave	0.6502	0.6613		10.2	10.0	1.7	30.0
n-Butane	Ave	1.006	1.098		10.9	10.0	9.1	30.0
Vinyl chloride	Ave	0.8405	0.9347		11.1	10.0	11.2	30.0
1,3-Butadiene	Ave	0.5556	0.6155		11.1	10.0	10.8	30.0
Bromomethane	Ave	0.9709	1.008		10.4	10.0	3.8	30.0
Chloroethane	Ave	0.4121	0.4063		9.86	10.0	-1.4	30.0
Isopentane	Ave	0.6403	0.6572		10.3	10.0	2.6	30.0
Bromoethene(Vinyl Bromide)	Ave	1.173	1.160		9.89	10.0	-1.1	30.0
Trichlorofluoromethane	Ave	5.260	5.370		10.2	10.0	2.1	30.0
n-Pentane	Ave	0.9028	0.8768		9.71	10.0	-2.9	30.0
Ethanol	Ave	0.1880	0.1649		13.2	15.0	-12.3	30.0
Ethyl ether	Ave	0.4606	0.4528		9.83	10.0	-1.7	30.0
Acrolein	Ave	0.1769	0.1693		9.57	10.0	-4.3	30.0
Freon TF	Ave	2.255	2.233		9.90	10.0	-1.0	30.0
1,1-Dichloroethene	Ave	0.9080	0.8909		9.81	10.0	-1.9	30.0
Acetone	Ave	1.329	1.219		9.17	10.0	-8.3	30.0
Isopropyl alcohol	Ave	0.8316	0.8217		9.88	10.0	-1.2	30.0
Carbon disulfide	Ave	1.879	1.824		9.70	10.0	-2.9	30.0
3-Chloropropene	Ave	0.6442	0.6661		10.3	10.0	3.4	30.0
Acetonitrile	Ave	0.2802	0.2713		9.68	10.0	-3.2	30.0
Methylene Chloride	Ave	0.8302	0.8368		10.1	10.0	0.8	30.0
tert-Butyl alcohol	Ave	1.852	1.789		9.66	10.0	-3.4	30.0
Methyl tert-butyl ether	Ave	3.154	3.197		10.1	10.0	1.3	30.0
trans-1,2-Dichloroethene	Ave	1.217	1.238		10.2	10.0	1.8	30.0
Acrylonitrile	Ave	0.3609	0.3413		9.46	10.0	-5.4	30.0
n-Hexane	Ave	0.8724	0.9302		10.7	10.0	6.6	30.0
1,1-Dichloroethane	Ave	1.446	1.552		10.7	10.0	7.3	30.0
Vinyl acetate	Ave	1.568	1.607		10.2	10.0	2.5	30.0
Methyl Ethyl Ketone	Ave	0.4247	0.4007		9.43	10.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	1.007	1.046		10.4	10.0	3.8	30.0
Ethyl acetate	Ave	0.0802	0.0737		9.19	10.0	-8.0	30.0
Tetrahydrofuran	Ave	0.1136	0.1022		9.00	10.0	-10.0	30.0
Chloroform	Ave	2.593	2.558		9.86	10.0	-1.4	30.0
1,1,1-Trichloroethane	Ave	0.7601	0.7352		9.67	10.0	-3.3	30.0
Cyclohexane	Ave	0.2620	0.2510		9.58	10.0	-4.2	30.0
Carbon tetrachloride	Ave	0.6840	0.7317		10.7	10.0	7.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Lab Sample ID: CCVIS 200-83124/2 Calibration Date: 01/08/2015 11:23

Instrument ID: CHB.i Calib Start Date: 01/05/2015 14:34

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/06/2015 10:50

Lab File ID: 11529_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.6163	0.5851		9.49	10.0	-5.1	30.0
Benzene	Ave	0.5648	0.5010		8.87	10.0	-11.3	30.0
1,2-Dichloroethane	Ave	0.4503	0.4464		9.91	10.0	-0.9	30.0
n-Heptane	Ave	0.1971	0.2033		10.3	10.0	3.1	30.0
n-Butanol	Ave	0.0732	0.0703		9.60	10.0	-4.0	30.0
Trichloroethene	Ave	0.3431	0.3497		10.2	10.0	1.9	30.0
1,2-Dichloropropane	Ave	0.1530	0.1531		10.0	10.0	0.0	30.0
Methyl methacrylate	Ave	0.1857	0.1856		9.99	10.0	-0.0	30.0
1,4-Dioxane	Ave	0.0904	0.0909		10.0	10.0	0.5	30.0
Dibromomethane	Ave	0.3070	0.3145		10.2	10.0	2.4	30.0
Bromodichloromethane	Ave	0.6057	0.6323		10.4	10.0	4.4	30.0
cis-1,3-Dichloropropene	Ave	0.3366	0.3085		9.16	10.0	-8.3	30.0
methyl isobutyl ketone	Ave	0.3258	0.3033		9.31	10.0	-6.9	30.0
n-Octane	Ave	0.2844	0.2592		9.11	10.0	-8.8	30.0
Toluene	Ave	0.5122	0.4823		9.41	10.0	-5.8	30.0
trans-1,3-Dichloropropene	Ave	0.4241	0.4001		9.43	10.0	-5.7	30.0
1,1,2-Trichloroethane	Ave	0.2257	0.2025		8.97	10.0	-10.3	30.0
Tetrachloroethene	Ave	0.5462	0.5129		9.39	10.0	-6.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3632	0.3341		9.20	10.0	-8.0	30.0
Dibromochloromethane	Ave	0.6853	0.6934		10.1	10.0	1.2	30.0
1,2-Dibromoethane	Ave	0.5115	0.5197		10.2	10.0	1.6	30.0
Chlorobenzene	Ave	0.8205	0.8233		10.0	10.0	0.3	30.0
Ethylbenzene	Ave	1.344	1.342		9.99	10.0	-0.0	30.0
n-Nonane	Ave	0.3670	0.3706		10.1	10.0	1.0	30.0
m,p-Xylene	Ave	0.5377	0.5429		20.2	20.0	1.0	30.0
Xylene, o-	Ave	0.5184	0.5126		9.89	10.0	-1.1	30.0
Styrene	Ave	0.8184	0.7956		9.72	10.0	-2.8	30.0
Bromoform	Ave	0.6004	0.5810		9.68	10.0	-3.2	30.0
Cumene	Ave	1.666	1.587		9.53	10.0	-4.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5711	0.5200		9.10	10.0	-8.9	30.0
n-Propylbenzene	Ave	1.895	1.782		9.40	10.0	-6.0	30.0
1,2,3-Trichloropropane	Ave	0.5769	0.5335		9.25	10.0	-7.5	30.0
n-Decane	Ave	0.4892	0.4407		9.01	10.0	-9.9	30.0
4-Ethyltoluene	Ave	1.712	1.598		9.33	10.0	-6.7	30.0
2-Chlorotoluene	Ave	1.433	1.351		9.43	10.0	-5.7	30.0
1,3,5-Trimethylbenzene	Ave	1.532	1.448		9.45	10.0	-5.5	30.0
Alpha Methyl Styrene	Ave	0.6823	0.6693		9.81	10.0	-1.9	30.0
tert-Butylbenzene	Ave	1.449	1.398		9.65	10.0	-3.5	30.0
1,2,4-Trimethylbenzene	Ave	1.511	1.460		9.66	10.0	-3.4	30.0
sec-Butylbenzene	Ave	1.994	1.929		9.67	10.0	-3.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Lab Sample ID: CCVIS 200-83124/2 Calibration Date: 01/08/2015 11:23

Instrument ID: CHB.i Calib Start Date: 01/05/2015 14:34

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/06/2015 10:50

Lab File ID: 11529_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.805	1.796		9.95	10.0	-0.5	30.0
1,3-Dichlorobenzene	Ave	0.9885	0.9892		10.0	10.0	0.0	30.0
1,4-Dichlorobenzene	Ave	0.9800	0.9742		9.94	10.0	-0.6	30.0
Benzyl chloride	Ave	1.249	1.329		10.6	10.0	6.4	30.0
n-Undecane	Ave	0.5531	0.5103		9.22	10.0	-7.7	30.0
n-Butylbenzene	Ave	1.498	1.625		10.8	10.0	8.5	30.0
1,2-Dichlorobenzene	Ave	0.9483	0.9527		10.0	10.0	0.5	30.0
n-Dodecane	Ave	0.4706	0.3674		7.81	10.0	-21.9	30.0
1,2,4-Trichlorobenzene	Ave	0.6530	0.5705		8.73	10.0	-12.6	30.0
Hexachlorobutadiene	Ave	0.5646	0.4778		8.46	10.0	-15.4	30.0
Naphthalene	Ave	1.509	1.316		8.72	10.0	-12.8	30.0
1,2,3-Trichlorobenzene	Ave	0.4548	0.4389		9.65	10.0	-3.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Lab Sample ID: ICV 200-81966/18 Calibration Date: 12/12/2014 11:44

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11064_19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9249	0.9454		10.2	10.0	2.2	30.0
Dichlorodifluoromethane	Ave	3.567	3.896		10.9	10.0	9.2	30.0
Freon 22	Ave	1.903	1.966		10.3	10.0	3.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.778	3.295		11.9	10.0	18.6	30.0
Chloromethane	Ave	1.009	1.016		10.1	10.0	0.7	30.0
n-Butane	Ave	1.473	1.535		10.4	10.0	4.2	30.0
Vinyl chloride	Ave	1.043	1.080		10.4	10.0	3.6	30.0
1,3-Butadiene	Ave	0.7136	0.7338		10.3	10.0	2.8	30.0
Bromomethane	Ave	1.073	1.143		10.6	10.0	6.5	30.0
Chloroethane	Ave	0.3922	0.4121		10.5	10.0	5.1	30.0
Isopentane	Ave	0.9816	1.100		11.2	10.0	12.0	30.0
Bromoethene(Vinyl Bromide)	Ave	1.067	1.154		10.8	10.0	8.2	30.0
Trichlorofluoromethane	Ave	3.257	3.503		10.8	10.0	7.5	30.0
n-Pentane	Ave	1.491	1.734		11.6	10.0	16.3	30.0
Ethanol	Ave	0.3518	0.4020		17.1	15.0	14.3	30.0
Ethyl ether	Ave	0.5419	0.5875		10.8	10.0	8.4	30.0
Acrolein	Ave	0.2282	0.3003		13.2	10.0	31.6*	30.0
Freon TF	Ave	2.025	2.171		10.7	10.0	7.2	30.0
1,1-Dichloroethene	Ave	0.8869	0.9508		10.7	10.0	7.2	30.0
Acetone	Ave	1.486	1.487		10.0	10.0	0.0	30.0
Carbon disulfide	Ave	2.659	3.284		12.3	10.0	23.5	30.0
Isopropyl alcohol	Ave	1.101	1.073		9.74	10.0	-2.6	30.0
3-Chloropropene	Ave	1.224	1.280		10.5	10.0	4.6	30.0
Acetonitrile	Ave	0.6479	0.6759		10.4	10.0	4.3	30.0
Methylene Chloride	Ave	1.307	1.354		10.4	10.0	3.6	30.0
tert-Butyl alcohol	Ave	1.453	1.557		10.7	10.0	7.1	30.0
Methyl tert-butyl ether	Ave	2.458	2.543		10.3	10.0	3.5	30.0
trans-1,2-Dichloroethene	Ave	1.522	1.728		11.4	10.0	13.5	30.0
Acrylonitrile	Ave	0.5774	0.6210		10.8	10.0	7.5	30.0
n-Hexane	Ave	1.192	1.385		11.6	10.0	16.2	30.0
1,1-Dichloroethane	Ave	1.979	2.017		10.2	10.0	1.9	30.0
Vinyl acetate	Ave	2.593	2.546		9.82	10.0	-1.8	30.0
cis-1,2-Dichloroethene	Ave	1.102	1.161		10.5	10.0	5.4	30.0
Methyl Ethyl Ketone	Ave	0.3928	0.4146		10.6	10.0	5.6	30.0
Ethyl acetate	Ave	0.0518	0.0610		11.8	10.0	17.7	30.0
Tetrahydrofuran	Ave	0.1947	0.2189		11.2	10.0	12.4	30.0
Chloroform	Ave	2.644	2.865		10.8	10.0	8.4	30.0
Cyclohexane	Ave	0.2257	0.2741		12.1	10.0	21.5	30.0
1,1,1-Trichloroethane	Ave	0.5074	0.6174		12.2	10.0	21.7	30.0
Carbon tetrachloride	Ave	0.5601	0.7087		12.7	10.0	26.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Lab Sample ID: ICV 200-81966/18 Calibration Date: 12/12/2014 11:44

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11064_19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9248	1.087		11.7	10.0	17.5	30.0
Benzene	Ave	0.6025	0.7008		11.6	10.0	16.3	30.0
1,2-Dichloroethane	Ave	0.3734	0.4393		11.8	10.0	17.6	30.0
n-Heptane	Ave	0.3836	0.4551		11.9	10.0	18.6	30.0
n-Butanol	Ave	0.0818	0.1022		12.5	10.0	24.8	30.0
Trichloroethene	Ave	0.3376	0.4099		12.1	10.0	21.4	30.0
1,2-Dichloropropane	Ave	0.2625	0.2991		11.4	10.0	13.9	30.0
Methyl methacrylate	Ave	0.1971	0.2300		11.7	10.0	16.7	30.0
1,4-Dioxane	Ave	0.0892	0.1035		11.6	10.0	16.1	30.0
Dibromomethane	Ave	0.3088	0.3772		12.2	10.0	22.2	30.0
Bromodichloromethane	Ave	0.6244	0.7518		12.0	10.0	20.4	30.0
cis-1,3-Dichloropropene	Ave	0.4237	0.5141		12.1	10.0	21.3	30.0
methyl isobutyl ketone	Ave	0.5485	0.6690		12.2	10.0	22.0	30.0
Toluene	Ave	0.4703	0.4866		10.3	10.0	3.5	30.0
n-Octane	Ave	0.6298	0.7336		11.6	10.0	16.5	30.0
trans-1,3-Dichloropropene	Ave	0.4513	0.5506		12.2	10.0	22.0	30.0
1,1,2-Trichloroethane	Ave	0.2551	0.2656		10.4	10.0	4.1	30.0
Tetrachloroethene	Ave	0.4378	0.4825		11.0	10.0	10.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4953	0.5420		10.9	10.0	9.4	30.0
Dibromochloromethane	Ave	0.5811	0.6341		10.9	10.0	9.1	30.0
1,2-Dibromoethane	Ave	0.4603	0.5052		11.0	10.0	9.7	30.0
Chlorobenzene	Ave	0.6399	0.6695		10.5	10.0	4.6	30.0
Ethylbenzene	Ave	1.043	1.053		10.1	10.0	0.9	30.0
n-Nonane	Ave	0.5018	0.5146		10.3	10.0	2.6	30.0
m,p-Xylene	Ave	0.4100	0.4069		19.8	20.0	-0.8	30.0
Xylene, o-	Ave	0.4186	0.4113		9.82	10.0	-1.8	30.0
Styrene	Ave	0.5831	0.6067		10.4	10.0	4.0	30.0
Bromoform	Ave	0.5737	0.6377		11.1	10.0	11.2	30.0
Cumene	Ave	1.162	1.155		9.94	10.0	-0.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6410	0.6575		10.3	10.0	2.6	30.0
n-Propylbenzene	Ave	1.412	1.409		9.98	10.0	-0.2	30.0
1,2,3-Trichloropropane	Ave	0.5223	0.5114		9.79	10.0	-2.1	30.0
2-Chlorotoluene	Ave	1.016	1.045		10.3	10.0	2.9	30.0
4-Ethyltoluene	Ave	1.123	1.166		10.4	10.0	3.8	30.0
n-Decane	Ave	0.6043	0.5994		9.92	10.0	-0.8	30.0
1,3,5-Trimethylbenzene	Ave	0.9846	0.9730		9.88	10.0	-1.2	30.0
Alpha Methyl Styrene	Ave	0.4671	0.4922		10.5	10.0	5.4	30.0
tert-Butylbenzene	Ave	0.9180	0.9015		9.82	10.0	-1.8	30.0
1,2,4-Trimethylbenzene	Ave	0.9740	0.9679		9.94	10.0	-0.6	30.0
sec-Butylbenzene	Ave	1.381	1.369		9.91	10.0	-0.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Lab Sample ID: ICV 200-81966/18 Calibration Date: 12/12/2014 11:44

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11064_19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.155	1.173		10.1	10.0	1.5	30.0
1,3-Dichlorobenzene	Ave	0.6897	0.7127		10.3	10.0	3.3	30.0
1,4-Dichlorobenzene	Ave	0.6798	0.7130		10.5	10.0	4.9	30.0
Benzyl chloride	Ave	0.8156	0.8740		10.7	10.0	7.2	30.0
n-Butylbenzene	Ave	1.081	1.100		10.2	10.0	1.7	30.0
n-Undecane	Ave	0.6218	0.6332		10.2	10.0	1.8	30.0
1,2-Dichlorobenzene	Ave	0.6667	0.6865		10.3	10.0	3.0	30.0
n-Dodecane	Ave	0.4153	0.5535		13.3	10.0	33.3*	30.0
1,2,4-Trichlorobenzene	Ave	0.4918	0.5280		10.7	10.0	7.4	30.0
Hexachlorobutadiene	Ave	0.4917	0.5384		10.9	10.0	9.5	30.0
Naphthalene	Ave	1.014	0.9620		9.48	10.0	-5.2	30.0
1,2,3-Trichlorobenzene	Ave	0.4501	0.4592		10.2	10.0	2.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Lab Sample ID: CCVIS 200-83338/2 Calibration Date: 01/13/2015 16:13

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11602_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9249	1.186		12.8	10.0	28.2	30.0
Dichlorodifluoromethane	Ave	3.567	4.343		12.2	10.0	21.8	30.0
Freon 22	Ave	1.903	2.458		12.9	10.0	29.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.778	3.174		11.4	10.0	14.3	30.0
Chloromethane	Ave	1.009	1.177		11.7	10.0	16.7	30.0
n-Butane	Ave	1.473	1.766		12.0	10.0	19.9	30.0
Vinyl chloride	Ave	1.043	1.178		11.3	10.0	12.9	30.0
1,3-Butadiene	Ave	0.7136	0.8492		11.9	10.0	19.0	30.0
Bromomethane	Ave	1.073	1.176		11.0	10.0	9.5	30.0
Chloroethane	Ave	0.3922	0.4470		11.4	10.0	14.0	30.0
Isopentane	Ave	0.9816	1.155		11.8	10.0	17.7	30.0
Bromoethene(Vinyl Bromide)	Ave	1.067	1.122		10.5	10.0	5.2	30.0
Trichlorofluoromethane	Ave	3.257	3.669		11.3	10.0	12.6	30.0
n-Pentane	Ave	1.491	1.747		11.7	10.0	17.1	30.0
Ethanol	Ave	0.3518	0.3863		16.5	15.0	9.8	30.0
Ethyl ether	Ave	0.5419	0.5843		10.8	10.0	7.8	30.0
Acrolein	Ave	0.2282	0.2631		11.5	10.0	15.3	30.0
Freon TF	Ave	2.025	2.176		10.7	10.0	7.4	30.0
1,1-Dichloroethene	Ave	0.8869	0.9180		10.3	10.0	3.5	30.0
Acetone	Ave	1.486	1.762		11.9	10.0	18.5	30.0
Carbon disulfide	Ave	2.659	2.891		10.9	10.0	8.8	30.0
Isopropyl alcohol	Ave	1.101	1.244		11.3	10.0	13.0	30.0
3-Chloropropene	Ave	1.224	1.546		12.6	10.0	26.3	30.0
Acetonitrile	Ave	0.6479	0.7898		12.2	10.0	21.9	30.0
Methylene Chloride	Ave	1.307	1.508		11.5	10.0	15.3	30.0
tert-Butyl alcohol	Ave	1.453	1.579		10.9	10.0	8.6	30.0
Methyl tert-butyl ether	Ave	2.458	2.755		11.2	10.0	12.1	30.0
trans-1,2-Dichloroethene	Ave	1.522	1.722		11.3	10.0	13.1	30.0
Acrylonitrile	Ave	0.5774	0.6567		11.4	10.0	13.7	30.0
n-Hexane	Ave	1.192	1.322		11.1	10.0	10.9	30.0
1,1-Dichloroethane	Ave	1.979	2.142		10.8	10.0	8.2	30.0
Vinyl acetate	Ave	2.593	3.068		11.8	10.0	18.3	30.0
cis-1,2-Dichloroethene	Ave	1.102	1.130		10.3	10.0	2.5	30.0
Methyl Ethyl Ketone	Ave	0.3928	0.4015		10.2	10.0	2.2	30.0
Ethyl acetate	Ave	0.0518	0.0504		9.72	10.0	-2.8	30.0
Tetrahydrofuran	Ave	0.1947	0.2325		11.9	10.0	19.4	30.0
Chloroform	Ave	2.644	2.829		10.7	10.0	7.0	30.0
Cyclohexane	Ave	0.2257	0.2391		10.6	10.0	5.9	30.0
1,1,1-Trichloroethane	Ave	0.5074	0.5734		11.3	10.0	13.0	30.0
Carbon tetrachloride	Ave	0.5601	0.6557		11.7	10.0	17.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Lab Sample ID: CCVIS 200-83338/2 Calibration Date: 01/13/2015 16:13

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11602_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9248	1.026		11.1	10.0	10.9	30.0
Benzene	Ave	0.6025	0.6291		10.4	10.0	4.4	30.0
1,2-Dichloroethane	Ave	0.3734	0.4432		11.9	10.0	18.7	30.0
n-Heptane	Ave	0.3836	0.4382		11.4	10.0	14.2	30.0
n-Butanol	Ave	0.0818	0.0815		9.95	10.0	-0.5	30.0
Trichloroethene	Ave	0.3376	0.3367		9.97	10.0	-0.3	30.0
1,2-Dichloropropane	Ave	0.2625	0.2652		10.1	10.0	1.0	30.0
Methyl methacrylate	Ave	0.1971	0.1992		10.1	10.0	1.1	30.0
1,4-Dioxane	Ave	0.0892	0.0826		9.26	10.0	-7.3	30.0
Dibromomethane	Ave	0.3088	0.3176		10.3	10.0	2.8	30.0
Bromodichloromethane	Ave	0.6244	0.6751		10.8	10.0	8.1	30.0
cis-1,3-Dichloropropene	Ave	0.4237	0.4220		9.96	10.0	-0.4	30.0
methyl isobutyl ketone	Ave	0.5485	0.6216		11.3	10.0	13.3	30.0
Toluene	Ave	0.4703	0.4748		10.1	10.0	0.9	30.0
n-Octane	Ave	0.6298	0.6562		10.4	10.0	4.2	30.0
trans-1,3-Dichloropropene	Ave	0.4513	0.4695		10.4	10.0	4.0	30.0
1,1,2-Trichloroethane	Ave	0.2551	0.2615		10.2	10.0	2.5	30.0
Tetrachloroethene	Ave	0.4378	0.4672		10.7	10.0	6.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4953	0.6083		12.3	10.0	22.8	30.0
Dibromochloromethane	Ave	0.5811	0.6628		11.4	10.0	14.1	30.0
1,2-Dibromoethane	Ave	0.4603	0.4904		10.7	10.0	6.5	30.0
Chlorobenzene	Ave	0.6399	0.6590		10.3	10.0	3.0	30.0
Ethylbenzene	Ave	1.043	1.059		10.1	10.0	1.5	30.0
n-Nonane	Ave	0.5018	0.5276		10.5	10.0	5.1	30.0
m,p-Xylene	Ave	0.4100	0.4145		20.2	20.0	1.1	30.0
Xylene, o-	Ave	0.4186	0.4232		10.1	10.0	1.1	30.0
Styrene	Ave	0.5831	0.5990		10.3	10.0	2.7	30.0
Bromoform	Ave	0.5737	0.6973		12.2	10.0	21.6	30.0
Cumene	Ave	1.162	1.215		10.5	10.0	4.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6410	0.6692		10.4	10.0	4.4	30.0
n-Propylbenzene	Ave	1.412	1.513		10.7	10.0	7.2	30.0
1,2,3-Trichloropropane	Ave	0.5223	0.5601		10.7	10.0	7.2	30.0
2-Chlorotoluene	Ave	1.016	1.103		10.9	10.0	8.6	30.0
4-Ethyltoluene	Ave	1.123	1.225		10.9	10.0	9.1	30.0
n-Decane	Ave	0.6043	0.6580		10.9	10.0	8.9	30.0
1,3,5-Trimethylbenzene	Ave	0.9846	1.026		10.4	10.0	4.2	30.0
Alpha Methyl Styrene	Ave	0.4671	0.5018		10.7	10.0	7.4	30.0
tert-Butylbenzene	Ave	0.9180	0.9646		10.5	10.0	5.1	30.0
1,2,4-Trimethylbenzene	Ave	0.9740	1.022		10.5	10.0	5.0	30.0
sec-Butylbenzene	Ave	1.381	1.447		10.5	10.0	4.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Lab Sample ID: CCVIS 200-83338/2 Calibration Date: 01/13/2015 16:13

Instrument ID: CHG.i Calib Start Date: 12/11/2014 14:15

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/12/2014 10:37

Lab File ID: 11602_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.155	1.225		10.6	10.0	6.0	30.0
1,3-Dichlorobenzene	Ave	0.6897	0.7348		10.7	10.0	6.5	30.0
1,4-Dichlorobenzene	Ave	0.6798	0.7133		10.5	10.0	4.9	30.0
Benzyl chloride	Ave	0.8156	0.9435		11.6	10.0	15.7	30.0
n-Butylbenzene	Ave	1.081	1.153		10.7	10.0	6.6	30.0
n-Undecane	Ave	0.6218	0.6017		9.68	10.0	-3.2	30.0
1,2-Dichlorobenzene	Ave	0.6667	0.6955		10.4	10.0	4.3	30.0
n-Dodecane	Ave	0.4153	0.4802		11.6	10.0	15.6	30.0
1,2,4-Trichlorobenzene	Ave	0.4918	0.5622		11.4	10.0	14.3	30.0
Hexachlorobutadiene	Ave	0.4917	0.5822		11.8	10.0	18.4	30.0
Naphthalene	Ave	1.014	1.055		10.4	10.0	4.0	30.0
1,2,3-Trichlorobenzene	Ave	0.4501	0.5166		11.5	10.0	14.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Lab Sample ID: ICV 200-80238/14 Calibration Date: 11/11/2014 00:16

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 10468-014.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7552	0.6640		8.79	10.0	-12.1	30.0
Dichlorodifluoromethane	Ave	2.748	2.457		8.94	10.0	-10.6	30.0
Freon 22	Ave	1.616	1.465		9.06	10.0	-9.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.539	2.641		10.4	10.0	4.0	30.0
Chloromethane	Ave	0.8823	0.7981		9.04	10.0	-9.5	30.0
n-Butane	Ave	1.456	1.297		8.91	10.0	-10.9	30.0
Vinyl chloride	Ave	0.9947	0.8739		8.78	10.0	-12.2	30.0
1,3-Butadiene	Ave	0.6851	0.6050		8.83	10.0	-11.7	30.0
Bromomethane	Ave	0.8131	0.7134		8.77	10.0	-12.3	30.0
Chloroethane	Ave	0.4284	0.3775		8.81	10.0	-11.9	30.0
Isopentane	Ave	0.9407	0.8609		9.15	10.0	-8.5	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9305	0.8672		9.32	10.0	-6.8	30.0
Trichlorofluoromethane	Ave	2.811	2.458		8.74	10.0	-12.5	30.0
n-Pentane	Ave	1.595	1.654		10.4	10.0	3.7	30.0
Ethanol	Ave	0.4605	0.3605		11.7	15.0	-21.7	30.0
Ethyl ether	Ave	0.6291	0.6703		10.7	10.0	6.6	30.0
Acrolein	Ave	0.2881	0.3239		11.2	10.0	12.4	30.0
Freon TF	Ave	1.904	1.755		9.22	10.0	-7.8	30.0
1,1-Dichloroethene	Ave	0.8635	0.8050		9.32	10.0	-6.8	30.0
Acetone	Ave	1.553	1.503		9.67	10.0	-3.2	30.0
Carbon disulfide	Ave	2.586	2.648		10.2	10.0	2.4	30.0
Isopropyl alcohol	Ave	1.237	1.048		8.47	10.0	-15.3	30.0
3-Chloropropene	Ave	1.173	1.061		9.04	10.0	-9.5	30.0
Acetonitrile	Ave	0.6428	0.6540		10.2	10.0	1.7	30.0
Methylene Chloride	Ave	1.147	1.004		8.75	10.0	-12.4	30.0
tert-Butyl alcohol	Ave	1.752	1.545		8.82	10.0	-11.8	30.0
Methyl tert-butyl ether	Ave	2.694	2.589		9.61	10.0	-3.9	30.0
trans-1,2-Dichloroethene	Ave	1.413	1.401		9.91	10.0	-0.9	30.0
Acrylonitrile	Ave	0.6756	0.6781		10.0	10.0	0.4	30.0
n-Hexane	Ave	1.394	1.468		10.5	10.0	5.3	30.0
1,1-Dichloroethane	Ave	1.830	1.741		9.51	10.0	-4.9	30.0
Vinyl acetate	Ave	2.566	2.133		8.31	10.0	-16.9	30.0
cis-1,2-Dichloroethene	Ave	1.052	1.017		9.67	10.0	-3.3	30.0
Methyl Ethyl Ketone	Ave	0.5684	0.5077		8.93	10.0	-10.7	30.0
Ethyl acetate	Ave	0.0816	0.0844		10.3	10.0	3.3	30.0
Tetrahydrofuran	Ave	0.2120	0.1973		9.30	10.0	-7.0	30.0
Chloroform	Ave	2.273	2.140		9.41	10.0	-5.9	30.0
Cyclohexane	Ave	0.2548	0.2489		9.77	10.0	-2.3	30.0
1,1,1-Trichloroethane	Ave	0.4173	0.3743		8.97	10.0	-10.3	30.0
Carbon tetrachloride	Ave	0.4521	0.4024		8.90	10.0	-11.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Lab Sample ID: ICV 200-80238/14 Calibration Date: 11/11/2014 00:16

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 10468-014.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.006	0.9713		9.66	10.0	-3.4	30.0
Benzene	Ave	0.6366	0.5967		9.37	10.0	-6.3	30.0
1,2-Dichloroethane	Ave	0.2700	0.2399		8.88	10.0	-11.1	30.0
n-Heptane	Ave	0.3865	0.3595		9.30	10.0	-7.0	30.0
n-Butanol	Ave	0.1183	0.1057		8.93	10.0	-10.7	30.0
Trichloroethene	Ave	0.2835	0.2703		9.53	10.0	-4.7	30.0
1,2-Dichloropropane	Ave	0.2614	0.2446		9.35	10.0	-6.4	30.0
Methyl methacrylate	Ave	0.2411	0.2339		9.70	10.0	-3.0	30.0
1,4-Dioxane	Ave	0.1061	0.0961		9.06	10.0	-9.4	30.0
Dibromomethane	Ave	0.2753	0.2587		9.40	10.0	-6.0	30.0
Bromodichloromethane	Ave	0.4753	0.4381		9.22	10.0	-7.8	30.0
cis-1,3-Dichloropropene	Ave	0.3672	0.3627		9.88	10.0	-1.2	30.0
methyl isobutyl ketone	Ave	0.5322	0.4682		8.80	10.0	-12.0	30.0
Toluene	Ave	0.4949	0.4843		9.78	10.0	-2.1	30.0
n-Octane	Ave	0.5816	0.5419		9.32	10.0	-6.8	30.0
trans-1,3-Dichloropropene	Ave	0.3973	0.3700		9.31	10.0	-6.9	30.0
1,1,2-Trichloroethane	Ave	0.2515	0.2410		9.58	10.0	-4.2	30.0
Tetrachloroethene	Ave	0.4155	0.4042		9.73	10.0	-2.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5203	0.4600		8.84	10.0	-11.6	30.0
Dibromochloromethane	Ave	0.5026	0.4687		9.32	10.0	-6.8	30.0
1,2-Dibromoethane	Ave	0.4419	0.4318		9.77	10.0	-2.3	30.0
Chlorobenzene	Ave	0.6992	0.6618		9.46	10.0	-5.4	30.0
Ethylbenzene	Ave	1.123	1.086		9.67	10.0	-3.3	30.0
n-Nonane	Ave	0.5496	0.5308		9.65	10.0	-3.4	30.0
m,p-Xylene	Ave	0.4390	0.4221		19.2	20.0	-3.8	30.0
Xylene, o-	Ave	0.4206	0.4115		9.78	10.0	-2.2	30.0
Styrene	Ave	0.6603	0.6563		9.94	10.0	-0.6	30.0
Bromoform	Ave	0.5399	0.5096		9.44	10.0	-5.6	30.0
Cumene	Ave	1.268	1.219		9.61	10.0	-3.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6857	0.6433		9.38	10.0	-6.2	30.0
n-Propylbenzene	Ave	1.618	1.509		9.32	10.0	-6.7	30.0
1,2,3-Trichloropropane	Ave	0.5576	0.4941		8.86	10.0	-11.4	30.0
n-Decane	Ave	0.7772	0.6984		8.98	10.0	-10.1	30.0
4-Ethyltoluene	Ave	1.338	1.288		9.62	10.0	-3.7	30.0
2-Chlorotoluene	Ave	1.133	1.038		9.15	10.0	-8.4	30.0
1,3,5-Trimethylbenzene	Ave	1.098	1.039		9.46	10.0	-5.4	30.0
Alpha Methyl Styrene	Ave	0.5148	0.5277		10.2	10.0	2.5	30.0
tert-Butylbenzene	Ave	1.063	0.9897		9.31	10.0	-6.9	30.0
1,2,4-Trimethylbenzene	Ave	1.115	1.047		9.38	10.0	-6.1	30.0
sec-Butylbenzene	Ave	1.640	1.518		9.26	10.0	-7.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Lab Sample ID: ICV 200-80238/14 Calibration Date: 11/11/2014 00:16

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 10468-014.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.382	1.295		9.37	10.0	-6.3	30.0
1,3-Dichlorobenzene	Ave	0.8076	0.7580		9.38	10.0	-6.1	30.0
1,4-Dichlorobenzene	Ave	0.8033	0.7543		9.39	10.0	-6.1	30.0
Benzyl chloride	Ave	0.9928	0.8336		8.40	10.0	-16.0	30.0
n-Butylbenzene	Ave	1.337	1.221		9.13	10.0	-8.7	30.0
n-Undecane	Ave	0.9011	0.7992		8.87	10.0	-11.3	30.0
1,2-Dichlorobenzene	Ave	0.7665	0.7113		9.28	10.0	-7.2	30.0
n-Dodecane	Ave	0.8153	0.7169		8.79	10.0	-12.1	30.0
1,2,4-Trichlorobenzene	Ave	0.6603	0.6154		9.32	10.0	-6.8	30.0
Hexachlorobutadiene	Ave	0.6288	0.5918		9.41	10.0	-5.9	30.0
Naphthalene	Ave	1.292	1.229		9.51	10.0	-4.9	30.0
1,2,3-Trichlorobenzene	Ave	0.5822	0.5495		9.44	10.0	-5.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Lab Sample ID: CCVIS 200-83373/2 Calibration Date: 01/14/2015 11:17

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11618-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7552	0.7363		9.75	10.0	-2.5	30.0
Dichlorodifluoromethane	Ave	2.748	3.327		12.1	10.0	21.1	30.0
Freon 22	Ave	1.616	1.784		11.0	10.0	10.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.539	2.673		10.5	10.0	5.3	30.0
Chloromethane	Ave	0.8823	0.8483		9.61	10.0	-3.9	30.0
n-Butane	Ave	1.456	1.464		10.1	10.0	0.6	30.0
Vinyl chloride	Ave	0.9947	0.9816		9.87	10.0	-1.3	30.0
1,3-Butadiene	Ave	0.6851	0.7252		10.6	10.0	5.9	30.0
Bromomethane	Ave	0.8131	0.8501		10.5	10.0	4.5	30.0
Chloroethane	Ave	0.4284	0.4520		10.5	10.0	5.5	30.0
Isopentane	Ave	0.9407	0.9576		10.2	10.0	1.8	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9305	0.9174		9.86	10.0	-1.4	30.0
Trichlorofluoromethane	Ave	2.811	3.295		11.7	10.0	17.2	30.0
n-Pentane	Ave	1.595	1.486		9.31	10.0	-6.8	30.0
Ethanol	Ave	0.4605	0.3620		11.8	15.0	-21.4	30.0
Ethyl ether	Ave	0.6291	0.6073		9.65	10.0	-3.5	30.0
Acrolein	Ave	0.2881	0.2985		10.4	10.0	3.6	30.0
Freon TF	Ave	1.904	1.924		10.1	10.0	1.1	30.0
1,1-Dichloroethene	Ave	0.8635	0.8574		9.93	10.0	-0.7	30.0
Acetone	Ave	1.553	1.552		9.99	10.0	-0.0	30.0
Carbon disulfide	Ave	2.586	2.325		8.99	10.0	-10.1	30.0
Isopropyl alcohol	Ave	1.237	1.183		9.56	10.0	-4.3	30.0
3-Chloropropene	Ave	1.173	1.146		9.77	10.0	-2.3	30.0
Acetonitrile	Ave	0.6428	0.5982		9.30	10.0	-7.0	30.0
Methylene Chloride	Ave	1.147	1.051		9.16	10.0	-8.4	30.0
tert-Butyl alcohol	Ave	1.752	1.779		10.2	10.0	1.5	30.0
Methyl tert-butyl ether	Ave	2.694	2.916		10.8	10.0	8.2	30.0
trans-1,2-Dichloroethene	Ave	1.413	1.452		10.3	10.0	2.7	30.0
Acrylonitrile	Ave	0.6756	0.6269		9.28	10.0	-7.2	30.0
n-Hexane	Ave	1.394	1.319		9.47	10.0	-5.3	30.0
1,1-Dichloroethane	Ave	1.830	1.789		9.77	10.0	-2.3	30.0
Vinyl acetate	Ave	2.566	2.525		9.84	10.0	-1.6	30.0
cis-1,2-Dichloroethene	Ave	1.052	1.015		9.65	10.0	-3.5	30.0
Methyl Ethyl Ketone	Ave	0.5684	0.4933		8.68	10.0	-13.2	30.0
Ethyl acetate	Ave	0.0816	0.0788		9.66	10.0	-3.4	30.0
Tetrahydrofuran	Ave	0.2120	0.1948		9.18	10.0	-8.1	30.0
Chloroform	Ave	2.273	2.476		10.9	10.0	8.9	30.0
Cyclohexane	Ave	0.2548	0.2505		9.83	10.0	-1.7	30.0
1,1,1-Trichloroethane	Ave	0.4173	0.4865		11.7	10.0	16.6	30.0
Carbon tetrachloride	Ave	0.4521	0.5382		11.9	10.0	19.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Lab Sample ID: CCVIS 200-83373/2 Calibration Date: 01/14/2015 11:17

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11618-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.006	0.9626		9.57	10.0	-4.3	30.0
Benzene	Ave	0.6366	0.6150		9.66	10.0	-3.4	30.0
1,2-Dichloroethane	Ave	0.2700	0.3339		12.4	10.0	23.7	30.0
n-Heptane	Ave	0.3865	0.3857		9.98	10.0	-0.2	30.0
n-Butanol	Ave	0.1183	0.1062		8.97	10.0	-10.3	30.0
Trichloroethene	Ave	0.2835	0.3035		10.7	10.0	7.0	30.0
1,2-Dichloropropane	Ave	0.2614	0.2622		10.0	10.0	0.3	30.0
Methyl methacrylate	Ave	0.2411	0.2559		10.6	10.0	6.1	30.0
1,4-Dioxane	Ave	0.1061	0.0986		9.29	10.0	-7.1	30.0
Dibromomethane	Ave	0.2753	0.3085		11.2	10.0	12.1	30.0
Bromodichloromethane	Ave	0.4753	0.5577		11.7	10.0	17.3	30.0
cis-1,3-Dichloropropene	Ave	0.3672	0.4092		11.1	10.0	11.4	30.0
methyl isobutyl ketone	Ave	0.5322	0.5861		11.0	10.0	10.1	30.0
Toluene	Ave	0.4949	0.5139		10.4	10.0	3.8	30.0
n-Octane	Ave	0.5816	0.6575		11.3	10.0	13.1	30.0
trans-1,3-Dichloropropene	Ave	0.3973	0.4567		11.5	10.0	15.0	30.0
1,1,2-Trichloroethane	Ave	0.2515	0.2503		9.95	10.0	-0.5	30.0
Tetrachloroethene	Ave	0.4155	0.4593		11.1	10.0	10.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5203	0.5502		10.6	10.0	5.7	30.0
Dibromochloromethane	Ave	0.5026	0.5704		11.3	10.0	13.5	30.0
1,2-Dibromoethane	Ave	0.4419	0.4621		10.5	10.0	4.6	30.0
Chlorobenzene	Ave	0.6992	0.7211		10.3	10.0	3.1	30.0
Ethylbenzene	Ave	1.123	1.224		10.9	10.0	9.0	30.0
n-Nonane	Ave	0.5496	0.5971		10.9	10.0	8.6	30.0
m,p-Xylene	Ave	0.4390	0.4755		21.7	20.0	8.3	30.0
Xylene, o-	Ave	0.4206	0.4628		11.0	10.0	10.0	30.0
Styrene	Ave	0.6603	0.7466		11.3	10.0	13.1	30.0
Bromoform	Ave	0.5399	0.6411		11.9	10.0	18.7	30.0
Cumene	Ave	1.268	1.447		11.4	10.0	14.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6857	0.6997		10.2	10.0	2.0	30.0
n-Propylbenzene	Ave	1.618	1.810		11.2	10.0	11.8	30.0
1,2,3-Trichloropropane	Ave	0.5576	0.6025		10.8	10.0	8.1	30.0
n-Decane	Ave	0.7772	0.8327		10.7	10.0	7.1	30.0
4-Ethyltoluene	Ave	1.338	1.509		11.3	10.0	12.7	30.0
2-Chlorotoluene	Ave	1.133	1.275		11.2	10.0	12.5	30.0
1,3,5-Trimethylbenzene	Ave	1.098	1.271		11.6	10.0	15.8	30.0
Alpha Methyl Styrene	Ave	0.5148	0.6263		12.2	10.0	21.7	30.0
tert-Butylbenzene	Ave	1.063	1.227		11.5	10.0	15.5	30.0
1,2,4-Trimethylbenzene	Ave	1.115	1.310		11.7	10.0	17.4	30.0
sec-Butylbenzene	Ave	1.640	1.867		11.4	10.0	13.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Lab Sample ID: CCVIS 200-83373/2 Calibration Date: 01/14/2015 11:17

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11618-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.382	1.618		11.7	10.0	17.0	30.0
1,3-Dichlorobenzene	Ave	0.8076	0.9163		11.3	10.0	13.5	30.0
1,4-Dichlorobenzene	Ave	0.8033	0.9165		11.4	10.0	14.1	30.0
Benzyl chloride	Ave	0.9928	1.215		12.2	10.0	22.4	30.0
n-Butylbenzene	Ave	1.337	1.542		11.5	10.0	15.3	30.0
n-Undecane	Ave	0.9011	0.9736		10.8	10.0	8.0	30.0
1,2-Dichlorobenzene	Ave	0.7665	0.8698		11.3	10.0	13.5	30.0
n-Dodecane	Ave	0.8153	0.8121		9.96	10.0	-0.4	30.0
1,2,4-Trichlorobenzene	Ave	0.6603	0.7698		11.7	10.0	16.6	30.0
Hexachlorobutadiene	Ave	0.6288	0.7848		12.5	10.0	24.8	30.0
Naphthalene	Ave	1.292	1.569		12.1	10.0	21.4	30.0
1,2,3-Trichlorobenzene	Ave	0.5822	0.6938		11.9	10.0	19.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Lab Sample ID: ICV 200-80238/14 Calibration Date: 11/11/2014 00:16

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 10468-014.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7552	0.6640		8.79	10.0	-12.1	30.0
Dichlorodifluoromethane	Ave	2.748	2.457		8.94	10.0	-10.6	30.0
Freon 22	Ave	1.616	1.465		9.06	10.0	-9.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.539	2.641		10.4	10.0	4.0	30.0
Chloromethane	Ave	0.8823	0.7981		9.04	10.0	-9.5	30.0
n-Butane	Ave	1.456	1.297		8.91	10.0	-10.9	30.0
Vinyl chloride	Ave	0.9947	0.8739		8.78	10.0	-12.2	30.0
1,3-Butadiene	Ave	0.6851	0.6050		8.83	10.0	-11.7	30.0
Bromomethane	Ave	0.8131	0.7134		8.77	10.0	-12.3	30.0
Chloroethane	Ave	0.4284	0.3775		8.81	10.0	-11.9	30.0
Isopentane	Ave	0.9407	0.8609		9.15	10.0	-8.5	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9305	0.8672		9.32	10.0	-6.8	30.0
Trichlorofluoromethane	Ave	2.811	2.458		8.74	10.0	-12.5	30.0
n-Pentane	Ave	1.595	1.654		10.4	10.0	3.7	30.0
Ethanol	Ave	0.4605	0.3605		11.7	15.0	-21.7	30.0
Ethyl ether	Ave	0.6291	0.6703		10.7	10.0	6.6	30.0
Acrolein	Ave	0.2881	0.3239		11.2	10.0	12.4	30.0
Freon TF	Ave	1.904	1.755		9.22	10.0	-7.8	30.0
1,1-Dichloroethene	Ave	0.8635	0.8050		9.32	10.0	-6.8	30.0
Acetone	Ave	1.553	1.503		9.67	10.0	-3.2	30.0
Carbon disulfide	Ave	2.586	2.648		10.2	10.0	2.4	30.0
Isopropyl alcohol	Ave	1.237	1.048		8.47	10.0	-15.3	30.0
3-Chloropropene	Ave	1.173	1.061		9.04	10.0	-9.5	30.0
Acetonitrile	Ave	0.6428	0.6540		10.2	10.0	1.7	30.0
Methylene Chloride	Ave	1.147	1.004		8.75	10.0	-12.4	30.0
tert-Butyl alcohol	Ave	1.752	1.545		8.82	10.0	-11.8	30.0
Methyl tert-butyl ether	Ave	2.694	2.589		9.61	10.0	-3.9	30.0
trans-1,2-Dichloroethene	Ave	1.413	1.401		9.91	10.0	-0.9	30.0
Acrylonitrile	Ave	0.6756	0.6781		10.0	10.0	0.4	30.0
n-Hexane	Ave	1.394	1.468		10.5	10.0	5.3	30.0
1,1-Dichloroethane	Ave	1.830	1.741		9.51	10.0	-4.9	30.0
Vinyl acetate	Ave	2.566	2.133		8.31	10.0	-16.9	30.0
cis-1,2-Dichloroethene	Ave	1.052	1.017		9.67	10.0	-3.3	30.0
Methyl Ethyl Ketone	Ave	0.5684	0.5077		8.93	10.0	-10.7	30.0
Ethyl acetate	Ave	0.0816	0.0844		10.3	10.0	3.3	30.0
Tetrahydrofuran	Ave	0.2120	0.1973		9.30	10.0	-7.0	30.0
Chloroform	Ave	2.273	2.140		9.41	10.0	-5.9	30.0
Cyclohexane	Ave	0.2548	0.2489		9.77	10.0	-2.3	30.0
1,1,1-Trichloroethane	Ave	0.4173	0.3743		8.97	10.0	-10.3	30.0
Carbon tetrachloride	Ave	0.4521	0.4024		8.90	10.0	-11.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Lab Sample ID: ICV 200-80238/14 Calibration Date: 11/11/2014 00:16

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 10468-014.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.006	0.9713		9.66	10.0	-3.4	30.0
Benzene	Ave	0.6366	0.5967		9.37	10.0	-6.3	30.0
1,2-Dichloroethane	Ave	0.2700	0.2399		8.88	10.0	-11.1	30.0
n-Heptane	Ave	0.3865	0.3595		9.30	10.0	-7.0	30.0
n-Butanol	Ave	0.1183	0.1057		8.93	10.0	-10.7	30.0
Trichloroethene	Ave	0.2835	0.2703		9.53	10.0	-4.7	30.0
1,2-Dichloropropane	Ave	0.2614	0.2446		9.35	10.0	-6.4	30.0
Methyl methacrylate	Ave	0.2411	0.2339		9.70	10.0	-3.0	30.0
1,4-Dioxane	Ave	0.1061	0.0961		9.06	10.0	-9.4	30.0
Dibromomethane	Ave	0.2753	0.2587		9.40	10.0	-6.0	30.0
Bromodichloromethane	Ave	0.4753	0.4381		9.22	10.0	-7.8	30.0
cis-1,3-Dichloropropene	Ave	0.3672	0.3627		9.88	10.0	-1.2	30.0
methyl isobutyl ketone	Ave	0.5322	0.4682		8.80	10.0	-12.0	30.0
Toluene	Ave	0.4949	0.4843		9.78	10.0	-2.1	30.0
n-Octane	Ave	0.5816	0.5419		9.32	10.0	-6.8	30.0
trans-1,3-Dichloropropene	Ave	0.3973	0.3700		9.31	10.0	-6.9	30.0
1,1,2-Trichloroethane	Ave	0.2515	0.2410		9.58	10.0	-4.2	30.0
Tetrachloroethene	Ave	0.4155	0.4042		9.73	10.0	-2.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5203	0.4600		8.84	10.0	-11.6	30.0
Dibromochloromethane	Ave	0.5026	0.4687		9.32	10.0	-6.8	30.0
1,2-Dibromoethane	Ave	0.4419	0.4318		9.77	10.0	-2.3	30.0
Chlorobenzene	Ave	0.6992	0.6618		9.46	10.0	-5.4	30.0
Ethylbenzene	Ave	1.123	1.086		9.67	10.0	-3.3	30.0
n-Nonane	Ave	0.5496	0.5308		9.65	10.0	-3.4	30.0
m,p-Xylene	Ave	0.4390	0.4221		19.2	20.0	-3.8	30.0
Xylene, o-	Ave	0.4206	0.4115		9.78	10.0	-2.2	30.0
Styrene	Ave	0.6603	0.6563		9.94	10.0	-0.6	30.0
Bromoform	Ave	0.5399	0.5096		9.44	10.0	-5.6	30.0
Cumene	Ave	1.268	1.219		9.61	10.0	-3.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6857	0.6433		9.38	10.0	-6.2	30.0
n-Propylbenzene	Ave	1.618	1.509		9.32	10.0	-6.7	30.0
1,2,3-Trichloropropane	Ave	0.5576	0.4941		8.86	10.0	-11.4	30.0
n-Decane	Ave	0.7772	0.6984		8.98	10.0	-10.1	30.0
4-Ethyltoluene	Ave	1.338	1.288		9.62	10.0	-3.7	30.0
2-Chlorotoluene	Ave	1.133	1.038		9.15	10.0	-8.4	30.0
1,3,5-Trimethylbenzene	Ave	1.098	1.039		9.46	10.0	-5.4	30.0
Alpha Methyl Styrene	Ave	0.5148	0.5277		10.2	10.0	2.5	30.0
tert-Butylbenzene	Ave	1.063	0.9897		9.31	10.0	-6.9	30.0
1,2,4-Trimethylbenzene	Ave	1.115	1.047		9.38	10.0	-6.1	30.0
sec-Butylbenzene	Ave	1.640	1.518		9.26	10.0	-7.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Lab Sample ID: ICV 200-80238/14 Calibration Date: 11/11/2014 00:16

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 10468-014.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.382	1.295		9.37	10.0	-6.3	30.0
1,3-Dichlorobenzene	Ave	0.8076	0.7580		9.38	10.0	-6.1	30.0
1,4-Dichlorobenzene	Ave	0.8033	0.7543		9.39	10.0	-6.1	30.0
Benzyl chloride	Ave	0.9928	0.8336		8.40	10.0	-16.0	30.0
n-Butylbenzene	Ave	1.337	1.221		9.13	10.0	-8.7	30.0
n-Undecane	Ave	0.9011	0.7992		8.87	10.0	-11.3	30.0
1,2-Dichlorobenzene	Ave	0.7665	0.7113		9.28	10.0	-7.2	30.0
n-Dodecane	Ave	0.8153	0.7169		8.79	10.0	-12.1	30.0
1,2,4-Trichlorobenzene	Ave	0.6603	0.6154		9.32	10.0	-6.8	30.0
Hexachlorobutadiene	Ave	0.6288	0.5918		9.41	10.0	-5.9	30.0
Naphthalene	Ave	1.292	1.229		9.51	10.0	-4.9	30.0
1,2,3-Trichlorobenzene	Ave	0.5822	0.5495		9.44	10.0	-5.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Lab Sample ID: CCVIS 200-83373/2 Calibration Date: 01/14/2015 11:17

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11618-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7552	0.7363		9.75	10.0	-2.5	30.0
Dichlorodifluoromethane	Ave	2.748	3.327		12.1	10.0	21.1	30.0
Freon 22	Ave	1.616	1.784		11.0	10.0	10.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.539	2.673		10.5	10.0	5.3	30.0
Chloromethane	Ave	0.8823	0.8483		9.61	10.0	-3.9	30.0
n-Butane	Ave	1.456	1.464		10.1	10.0	0.6	30.0
Vinyl chloride	Ave	0.9947	0.9816		9.87	10.0	-1.3	30.0
1,3-Butadiene	Ave	0.6851	0.7252		10.6	10.0	5.9	30.0
Bromomethane	Ave	0.8131	0.8501		10.5	10.0	4.5	30.0
Chloroethane	Ave	0.4284	0.4520		10.5	10.0	5.5	30.0
Isopentane	Ave	0.9407	0.9576		10.2	10.0	1.8	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9305	0.9174		9.86	10.0	-1.4	30.0
Trichlorofluoromethane	Ave	2.811	3.295		11.7	10.0	17.2	30.0
n-Pentane	Ave	1.595	1.486		9.31	10.0	-6.8	30.0
Ethanol	Ave	0.4605	0.3620		11.8	15.0	-21.4	30.0
Ethyl ether	Ave	0.6291	0.6073		9.65	10.0	-3.5	30.0
Acrolein	Ave	0.2881	0.2985		10.4	10.0	3.6	30.0
Freon TF	Ave	1.904	1.924		10.1	10.0	1.1	30.0
1,1-Dichloroethene	Ave	0.8635	0.8574		9.93	10.0	-0.7	30.0
Acetone	Ave	1.553	1.552		9.99	10.0	-0.0	30.0
Carbon disulfide	Ave	2.586	2.325		8.99	10.0	-10.1	30.0
Isopropyl alcohol	Ave	1.237	1.183		9.56	10.0	-4.3	30.0
3-Chloropropene	Ave	1.173	1.146		9.77	10.0	-2.3	30.0
Acetonitrile	Ave	0.6428	0.5982		9.30	10.0	-7.0	30.0
Methylene Chloride	Ave	1.147	1.051		9.16	10.0	-8.4	30.0
tert-Butyl alcohol	Ave	1.752	1.779		10.2	10.0	1.5	30.0
Methyl tert-butyl ether	Ave	2.694	2.916		10.8	10.0	8.2	30.0
trans-1,2-Dichloroethene	Ave	1.413	1.452		10.3	10.0	2.7	30.0
Acrylonitrile	Ave	0.6756	0.6269		9.28	10.0	-7.2	30.0
n-Hexane	Ave	1.394	1.319		9.47	10.0	-5.3	30.0
1,1-Dichloroethane	Ave	1.830	1.789		9.77	10.0	-2.3	30.0
Vinyl acetate	Ave	2.566	2.525		9.84	10.0	-1.6	30.0
cis-1,2-Dichloroethene	Ave	1.052	1.015		9.65	10.0	-3.5	30.0
Methyl Ethyl Ketone	Ave	0.5684	0.4933		8.68	10.0	-13.2	30.0
Ethyl acetate	Ave	0.0816	0.0788		9.66	10.0	-3.4	30.0
Tetrahydrofuran	Ave	0.2120	0.1948		9.18	10.0	-8.1	30.0
Chloroform	Ave	2.273	2.476		10.9	10.0	8.9	30.0
Cyclohexane	Ave	0.2548	0.2505		9.83	10.0	-1.7	30.0
1,1,1-Trichloroethane	Ave	0.4173	0.4865		11.7	10.0	16.6	30.0
Carbon tetrachloride	Ave	0.4521	0.5382		11.9	10.0	19.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Lab Sample ID: CCVIS 200-83373/2 Calibration Date: 01/14/2015 11:17

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11618-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.006	0.9626		9.57	10.0	-4.3	30.0
Benzene	Ave	0.6366	0.6150		9.66	10.0	-3.4	30.0
1,2-Dichloroethane	Ave	0.2700	0.3339		12.4	10.0	23.7	30.0
n-Heptane	Ave	0.3865	0.3857		9.98	10.0	-0.2	30.0
n-Butanol	Ave	0.1183	0.1062		8.97	10.0	-10.3	30.0
Trichloroethene	Ave	0.2835	0.3035		10.7	10.0	7.0	30.0
1,2-Dichloropropane	Ave	0.2614	0.2622		10.0	10.0	0.3	30.0
Methyl methacrylate	Ave	0.2411	0.2559		10.6	10.0	6.1	30.0
1,4-Dioxane	Ave	0.1061	0.0986		9.29	10.0	-7.1	30.0
Dibromomethane	Ave	0.2753	0.3085		11.2	10.0	12.1	30.0
Bromodichloromethane	Ave	0.4753	0.5577		11.7	10.0	17.3	30.0
cis-1,3-Dichloropropene	Ave	0.3672	0.4092		11.1	10.0	11.4	30.0
methyl isobutyl ketone	Ave	0.5322	0.5861		11.0	10.0	10.1	30.0
Toluene	Ave	0.4949	0.5139		10.4	10.0	3.8	30.0
n-Octane	Ave	0.5816	0.6575		11.3	10.0	13.1	30.0
trans-1,3-Dichloropropene	Ave	0.3973	0.4567		11.5	10.0	15.0	30.0
1,1,2-Trichloroethane	Ave	0.2515	0.2503		9.95	10.0	-0.5	30.0
Tetrachloroethene	Ave	0.4155	0.4593		11.1	10.0	10.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5203	0.5502		10.6	10.0	5.7	30.0
Dibromochloromethane	Ave	0.5026	0.5704		11.3	10.0	13.5	30.0
1,2-Dibromoethane	Ave	0.4419	0.4621		10.5	10.0	4.6	30.0
Chlorobenzene	Ave	0.6992	0.7211		10.3	10.0	3.1	30.0
Ethylbenzene	Ave	1.123	1.224		10.9	10.0	9.0	30.0
n-Nonane	Ave	0.5496	0.5971		10.9	10.0	8.6	30.0
m,p-Xylene	Ave	0.4390	0.4755		21.7	20.0	8.3	30.0
Xylene, o-	Ave	0.4206	0.4628		11.0	10.0	10.0	30.0
Styrene	Ave	0.6603	0.7466		11.3	10.0	13.1	30.0
Bromoform	Ave	0.5399	0.6411		11.9	10.0	18.7	30.0
Cumene	Ave	1.268	1.447		11.4	10.0	14.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6857	0.6997		10.2	10.0	2.0	30.0
n-Propylbenzene	Ave	1.618	1.810		11.2	10.0	11.8	30.0
1,2,3-Trichloropropane	Ave	0.5576	0.6025		10.8	10.0	8.1	30.0
n-Decane	Ave	0.7772	0.8327		10.7	10.0	7.1	30.0
4-Ethyltoluene	Ave	1.338	1.509		11.3	10.0	12.7	30.0
2-Chlorotoluene	Ave	1.133	1.275		11.2	10.0	12.5	30.0
1,3,5-Trimethylbenzene	Ave	1.098	1.271		11.6	10.0	15.8	30.0
Alpha Methyl Styrene	Ave	0.5148	0.6263		12.2	10.0	21.7	30.0
tert-Butylbenzene	Ave	1.063	1.227		11.5	10.0	15.5	30.0
1,2,4-Trimethylbenzene	Ave	1.115	1.310		11.7	10.0	17.4	30.0
sec-Butylbenzene	Ave	1.640	1.867		11.4	10.0	13.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Lab Sample ID: CCVIS 200-83373/2 Calibration Date: 01/14/2015 11:17

Instrument ID: CHX.i Calib Start Date: 11/10/2014 16:30

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 11/10/2014 21:54

Lab File ID: 11618-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.382	1.618		11.7	10.0	17.0	30.0
1,3-Dichlorobenzene	Ave	0.8076	0.9163		11.3	10.0	13.5	30.0
1,4-Dichlorobenzene	Ave	0.8033	0.9165		11.4	10.0	14.1	30.0
Benzyl chloride	Ave	0.9928	1.215		12.2	10.0	22.4	30.0
n-Butylbenzene	Ave	1.337	1.542		11.5	10.0	15.3	30.0
n-Undecane	Ave	0.9011	0.9736		10.8	10.0	8.0	30.0
1,2-Dichlorobenzene	Ave	0.7665	0.8698		11.3	10.0	13.5	30.0
n-Dodecane	Ave	0.8153	0.8121		9.96	10.0	-0.4	30.0
1,2,4-Trichlorobenzene	Ave	0.6603	0.7698		11.7	10.0	16.6	30.0
Hexachlorobutadiene	Ave	0.6288	0.7848		12.5	10.0	24.8	30.0
Naphthalene	Ave	1.292	1.569		12.1	10.0	21.4	30.0
1,2,3-Trichlorobenzene	Ave	0.5822	0.6938		11.9	10.0	19.2	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Instrument ID: CHW.i Start Date: 12/17/2014 12:04

Analysis Batch Number: 82265 End Date: 12/18/2014 11:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-82265/1		12/17/2014 12:04	1	11193_001.d	RTX-624 0.32(mm)
VIBLK 200-82265/2		12/17/2014 12:52	1		RTX-624 0.32(mm)
VIBLK 200-82265/3		12/17/2014 13:41	1		RTX-624 0.32(mm)
IC 200-82265/4		12/17/2014 14:30	1	11193_004.d	RTX-624 0.32(mm)
IC 200-82265/5		12/17/2014 15:20	1	11193_005.d	RTX-624 0.32(mm)
IC 200-82265/6		12/17/2014 16:10	1	11193_006.d	RTX-624 0.32(mm)
IC 200-82265/7		12/17/2014 16:59	1	11193_007.d	RTX-624 0.32(mm)
ICIS 200-82265/8		12/17/2014 17:48	1	11193_008.d	RTX-624 0.32(mm)
IC 200-82265/9		12/17/2014 18:37	1	11193_009.d	RTX-624 0.32(mm)
IC 200-82265/10		12/17/2014 19:28	1	11193_010.d	RTX-624 0.32(mm)
ZZZZZ		12/17/2014 20:17	1		RTX-624 0.32(mm)
VIBLK 200-82265/12		12/17/2014 21:08	1		RTX-624 0.32(mm)
VIBLK 200-82265/13		12/17/2014 21:57	1		RTX-624 0.32(mm)
ICV 200-82265/14		12/17/2014 22:45	1		RTX-624 0.32(mm)
ZZZZZ		12/17/2014 23:34	1		RTX-624 0.32(mm)
ZZZZZ		12/18/2014 00:23	1		RTX-624 0.32(mm)
IC 200-82265/17		12/18/2014 09:40	1	11193_017.d	RTX-624 0.32(mm)
VIBLK 200-82265/18		12/18/2014 10:29	1		RTX-624 0.32(mm)
ICV 200-82265/19		12/18/2014 11:18	1	11193_019.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26088-1

SDG No.:

Instrument ID: CHW.i Start Date: 12/30/2014 08:47

Analysis Batch Number: 82774 End Date: 12/31/2014 08:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-82774/1		12/30/2014 08:47	1	11372_001.d	RTX-624 0.32(mm)
CCVIS 200-82774/2		12/30/2014 09:45	1		RTX-624 0.32(mm)
ZZZZZ		12/30/2014 10:35	1		RTX-624 0.32(mm)
CCVIS 200-82774/4		12/30/2014 11:23	1	11372_004.d	RTX-624 0.32(mm)
LCS 200-82774/5		12/30/2014 12:12	1	11372_005.d	RTX-624 0.32(mm)
MB 200-82774/6		12/30/2014 13:01	1	11372_006.d	RTX-624 0.32(mm)
ZZZZZ		12/30/2014 13:51	1		RTX-624 0.32(mm)
ZZZZZ		12/30/2014 14:42	1		RTX-624 0.32(mm)
ZZZZZ		12/30/2014 15:32	1		RTX-624 0.32(mm)
ZZZZZ		12/30/2014 16:19	10		RTX-624 0.32(mm)
ZZZZZ		12/30/2014 17:07	10		RTX-624 0.32(mm)
ZZZZZ		12/30/2014 17:54	19.8		RTX-624 0.32(mm)
200-26088-1	4345	12/30/2014 19:02	0.2	11372_013.d	RTX-624 0.32(mm)
ZZZZZ		12/30/2014 20:09	0.2		RTX-624 0.32(mm)
200-26088-3	3372	12/30/2014 21:17	0.2	11372_015.d	RTX-624 0.32(mm)
ZZZZZ		12/30/2014 22:22	0.2		RTX-624 0.32(mm)
ZZZZZ		12/30/2014 23:29	0.2		RTX-624 0.32(mm)
200-26088-6	4362	12/31/2014 00:38	0.2	11372_018.d	RTX-624 0.32(mm)
ZZZZZ		12/31/2014 01:27	1		RTX-624 0.32(mm)
200-26088-7	5027	12/31/2014 02:34	0.2	11372_027.d	RTX-624 0.32(mm)
ZZZZZ		12/31/2014 03:41	0.2		RTX-624 0.32(mm)
200-26088-9	5453	12/31/2014 04:48	0.2	11372_021.d	RTX-624 0.32(mm)
200-26088-10	2681	12/31/2014 05:53	0.2	11372_022.d	RTX-624 0.32(mm)
200-26088-11	5441	12/31/2014 07:00	0.2	11372_023.d	RTX-624 0.32(mm)
200-26088-12	3523	12/31/2014 08:08	0.2	11372_024.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Instrument ID: CHG.i Start Date: 12/11/2014 12:29

Analysis Batch Number: 81966 End Date: 12/12/2014 11:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-81966/1		12/11/2014 12:29	1	11069_01.D	RTX-624 0.32(mm)
VIBLK 200-81966/2		12/11/2014 13:23	1		RTX-624 0.32(mm)
IC 200-81966/3		12/11/2014 14:15	1	11069_03.D	RTX-624 0.32(mm)
IC 200-81966/4		12/11/2014 15:06	1	11069_04.D	RTX-624 0.32(mm)
IC 200-81966/5		12/11/2014 15:58	1	11069_05.D	RTX-624 0.32(mm)
IC 200-81966/6		12/11/2014 16:50	1	11069_06.D	RTX-624 0.32(mm)
ZZZZZ		12/11/2014 17:41	1		RTX-624 0.32(mm)
IC 200-81966/8		12/11/2014 18:33	1	11069_08.D	RTX-624 0.32(mm)
IC 200-81966/9		12/11/2014 19:24	1	11069_09.D	RTX-624 0.32(mm)
IC 200-81966/10		12/11/2014 20:15	1	11069_10.D	RTX-624 0.32(mm)
VIBLK 200-81966/11		12/11/2014 21:06	1		RTX-624 0.32(mm)
VIBLK 200-81966/12		12/11/2014 21:57	1		RTX-624 0.32(mm)
ICV 200-81966/13		12/11/2014 22:49	1		RTX-624 0.32(mm)
VIBLK 200-81966/14		12/11/2014 23:40	1		RTX-624 0.32(mm)
ZZZZZ		12/12/2014 00:31	1		RTX-624 0.32(mm)
ZZZZZ		12/12/2014 01:22	1		RTX-624 0.32(mm)
ICIS 200-81966/17		12/12/2014 10:37	1	11064_17.D	RTX-624 0.32(mm)
ICV 200-81966/18		12/12/2014 11:44	1	11064_19.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26192-1

SDG No.:

Instrument ID: CHG.i Start Date: 01/14/2015 10:26

Analysis Batch Number: 83372 End Date: 01/15/2015 09:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-83372/1		01/14/2015 10:26	1	11617_01.D	RTX-624 0.32(mm)
CCVIS 200-83372/2		01/14/2015 11:26	1	11617_02.D	RTX-624 0.32(mm)
VIBLK 200-83372/3		01/14/2015 12:17	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 13:08	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 13:59	1		RTX-624 0.32(mm)
LCS 200-83372/6		01/14/2015 14:50	1	11617_06.D	RTX-624 0.32(mm)
MB 200-83372/7		01/14/2015 16:03	1	11617_07.D	RTX-624 0.32(mm)
ZZZZZ		01/14/2015 16:55	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 17:46	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 18:37	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 19:28	10.1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 20:19	9.93		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 21:10	10		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 22:01	10.1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 22:53	10		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 23:44	1		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 00:35	1		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 01:26	1		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 02:17	4		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 03:08	23.7		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 04:03	0.2		RTX-624 0.32(mm)
200-26192-4	4299	01/15/2015 04:59	0.2	11617_22.D	RTX-624 0.32(mm)
ZZZZZ		01/15/2015 05:55	0.2		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 06:51	0.2		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 08:12	0.2		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 09:03	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Instrument ID: CHB.i Start Date: 01/05/2015 12:49

Analysis Batch Number: 82967 End Date: 01/06/2015 12:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-82967/1		01/05/2015 12:49	1	11470_01.D	RTX-624 0.32(mm)
VIBLK 200-82967/2		01/05/2015 13:42	1		RTX-624 0.32(mm)
IC 200-82967/3		01/05/2015 14:34	1	11470_03.D	RTX-624 0.32(mm)
IC 200-82967/4		01/05/2015 15:26	1	11470_04.D	RTX-624 0.32(mm)
IC 200-82967/5		01/05/2015 16:19	1	11470_05.D	RTX-624 0.32(mm)
IC 200-82967/6		01/05/2015 17:11	1	11470_06.D	RTX-624 0.32(mm)
ZZZZZ		01/05/2015 18:03	1		RTX-624 0.32(mm)
IC 200-82967/8		01/05/2015 18:55	1	11470_08.D	RTX-624 0.32(mm)
IC 200-82967/9		01/05/2015 19:47	1	11470_09.D	RTX-624 0.32(mm)
IC 200-82967/10		01/05/2015 20:39	1	11470_10.D	RTX-624 0.32(mm)
VIBLK 200-82967/11		01/05/2015 21:31	1		RTX-624 0.32(mm)
VIBLK 200-82967/12		01/05/2015 22:23	1		RTX-624 0.32(mm)
ICV 200-82967/13		01/05/2015 23:15	1		RTX-624 0.32(mm)
ZZZZZ		01/06/2015 00:07	1		RTX-624 0.32(mm)
VIBLK 200-82967/15		01/06/2015 00:59	1		RTX-624 0.32(mm)
VIBLK 200-82967/16		01/06/2015 09:58	1		RTX-624 0.32(mm)
ICIS 200-82967/17		01/06/2015 10:50	1	11470_17.D	RTX-624 0.32(mm)
ICV 200-82967/18		01/06/2015 11:44	1	11470_18.D	RTX-624 0.32(mm)
ZZZZZ		01/06/2015 12:46	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26204-1

SDG No.:

Instrument ID: CHB.i Start Date: 01/08/2015 10:22

Analysis Batch Number: 83124 End Date: 01/09/2015 10:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-83124/1		01/08/2015 10:22	1	11529_01.D	RTX-624 0.32(mm)
CCVIS 200-83124/2		01/08/2015 11:23	1	11529_02.D	RTX-624 0.32(mm)
LCS 200-83124/3		01/08/2015 12:15	1	11529_03.D	RTX-624 0.32(mm)
MB 200-83124/4		01/08/2015 13:07	1	11529_04.D	RTX-624 0.32(mm)
ZZZZZ		01/08/2015 14:06	0.2		RTX-624 0.32(mm)
ZZZZZ		01/08/2015 15:05	0.2		RTX-624 0.32(mm)
200-26204-1	4442	01/08/2015 16:03	0.2	11529_07.D	RTX-624 0.32(mm)
ZZZZZ		01/08/2015 16:55	1		RTX-624 0.32(mm)
ZZZZZ		01/08/2015 17:47	1		RTX-624 0.32(mm)
ZZZZZ		01/08/2015 18:39	1		RTX-624 0.32(mm)
ZZZZZ		01/08/2015 19:31	1		RTX-624 0.32(mm)
ZZZZZ		01/08/2015 20:23	10		RTX-624 0.32(mm)
ZZZZZ		01/08/2015 21:15	1		RTX-624 0.32(mm)
ZZZZZ		01/08/2015 22:07	1		RTX-624 0.32(mm)
ZZZZZ		01/08/2015 22:59	1		RTX-624 0.32(mm)
ZZZZZ		01/08/2015 23:56	1.09		RTX-624 0.32(mm)
ZZZZZ		01/09/2015 00:48	1		RTX-624 0.32(mm)
ZZZZZ		01/09/2015 01:40	1		RTX-624 0.32(mm)
ZZZZZ		01/09/2015 02:32	1		RTX-624 0.32(mm)
ZZZZZ		01/09/2015 03:24	1		RTX-624 0.32(mm)
ZZZZZ		01/09/2015 04:16	1		RTX-624 0.32(mm)
ZZZZZ		01/09/2015 05:09	1		RTX-624 0.32(mm)
ZZZZZ		01/09/2015 06:01	1		RTX-624 0.32(mm)
ZZZZZ		01/09/2015 06:53	1		RTX-624 0.32(mm)
ZZZZZ		01/09/2015 08:54	10		RTX-624 0.32(mm)
ZZZZZ		01/09/2015 09:46	3.03		RTX-624 0.32(mm)
ZZZZZ		01/09/2015 10:38	17.1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Instrument ID: CHG.i Start Date: 12/11/2014 12:29

Analysis Batch Number: 81966 End Date: 12/12/2014 11:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-81966/1		12/11/2014 12:29	1	11069_01.D	RTX-624 0.32(mm)
VIBLK 200-81966/2		12/11/2014 13:23	1		RTX-624 0.32(mm)
IC 200-81966/3		12/11/2014 14:15	1	11069_03.D	RTX-624 0.32(mm)
IC 200-81966/4		12/11/2014 15:06	1	11069_04.D	RTX-624 0.32(mm)
IC 200-81966/5		12/11/2014 15:58	1	11069_05.D	RTX-624 0.32(mm)
IC 200-81966/6		12/11/2014 16:50	1	11069_06.D	RTX-624 0.32(mm)
ZZZZZ		12/11/2014 17:41	1		RTX-624 0.32(mm)
IC 200-81966/8		12/11/2014 18:33	1	11069_08.D	RTX-624 0.32(mm)
IC 200-81966/9		12/11/2014 19:24	1	11069_09.D	RTX-624 0.32(mm)
IC 200-81966/10		12/11/2014 20:15	1	11069_10.D	RTX-624 0.32(mm)
VIBLK 200-81966/11		12/11/2014 21:06	1		RTX-624 0.32(mm)
VIBLK 200-81966/12		12/11/2014 21:57	1		RTX-624 0.32(mm)
ICV 200-81966/13		12/11/2014 22:49	1		RTX-624 0.32(mm)
VIBLK 200-81966/14		12/11/2014 23:40	1		RTX-624 0.32(mm)
ZZZZZ		12/12/2014 00:31	1		RTX-624 0.32(mm)
ZZZZZ		12/12/2014 01:22	1		RTX-624 0.32(mm)
ICIS 200-81966/17		12/12/2014 10:37	1	11064_17.D	RTX-624 0.32(mm)
ICV 200-81966/18		12/12/2014 11:44	1	11064_19.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26209-1

SDG No.:

Instrument ID: CHG.i Start Date: 01/13/2015 15:00

Analysis Batch Number: 83338 End Date: 01/14/2015 08:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-83338/1		01/13/2015 15:00	1	11602_01.D	RTX-624 0.32(mm)
CCVIS 200-83338/2		01/13/2015 16:13	1	11602_02.D	RTX-624 0.32(mm)
VIBLK 200-83338/3		01/13/2015 17:04	1		RTX-624 0.32(mm)
LCS 200-83338/4		01/13/2015 17:55	1	11602_04.D	RTX-624 0.32(mm)
MB 200-83338/5		01/13/2015 18:46	1	11602_05.D	RTX-624 0.32(mm)
ZZZZZ		01/13/2015 19:38	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2015 20:29	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2015 21:20	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2015 22:11	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2015 23:02	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2015 23:53	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 00:44	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 01:36	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 02:27	1		RTX-624 0.32(mm)
200-26209-10	5640	01/14/2015 03:23	0.2	11602_15.D	RTX-624 0.32(mm)
ZZZZZ		01/14/2015 04:18	0.2		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 05:14	0.2		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 08:46	0.2		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Instrument ID: CHX.i Start Date: 11/10/2014 14:08

Analysis Batch Number: 80238 End Date: 11/11/2014 01:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-80238/1		11/10/2014 14:08	1	10468-001.D	RTX-624 0.32(mm)
VIBLK 200-80238/2		11/10/2014 14:57	1		RTX-624 0.32(mm)
VIBLK 200-80238/3		11/10/2014 15:44	1		RTX-624 0.32(mm)
IC 200-80238/4		11/10/2014 16:30	1	10468-004.D	RTX-624 0.32(mm)
IC 200-80238/5		11/10/2014 17:16	1	10468-005.D	RTX-624 0.32(mm)
IC 200-80238/6		11/10/2014 18:02	1	10468-006.D	RTX-624 0.32(mm)
IC 200-80238/7		11/10/2014 18:48	1	10468-007.D	RTX-624 0.32(mm)
ICIS 200-80238/8		11/10/2014 19:34	1	10468-008.D	RTX-624 0.32(mm)
IC 200-80238/9		11/10/2014 20:21	1	10468-009.D	RTX-624 0.32(mm)
IC 200-80238/10		11/10/2014 21:07	1	10468-010.D	RTX-624 0.32(mm)
IC 200-80238/11		11/10/2014 21:54	1	10468-011.D	RTX-624 0.32(mm)
VIBLK 200-80238/12		11/10/2014 22:41	1		RTX-624 0.32(mm)
VIBLK 200-80238/13		11/10/2014 23:29	1		RTX-624 0.32(mm)
ICV 200-80238/14		11/11/2014 00:16	1	10468-014.D	RTX-624 0.32(mm)
ZZZZZ		11/11/2014 01:03	1		RTX-624 0.32(mm)
ZZZZZ		11/11/2014 01:49	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26247-1

SDG No.:

Instrument ID: CHX.i Start Date: 01/14/2015 10:28

Analysis Batch Number: 83373 End Date: 01/15/2015 06:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-83373/1		01/14/2015 10:28	1	11618-001.D	RTX-624 0.32(mm)
CCVIS 200-83373/2		01/14/2015 11:17	1	11618-002.D	RTX-624 0.32(mm)
LCS 200-83373/3		01/14/2015 12:04	1	11618-003.D	RTX-624 0.32(mm)
MB 200-83373/4		01/14/2015 12:50	1	11618-004.D	RTX-624 0.32(mm)
ZZZZZ		01/14/2015 13:36	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 14:22	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 15:08	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 15:54	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 16:40	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 17:26	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 18:13	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 18:59	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 19:50	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 20:36	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 21:22	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 22:08	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 22:54	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 23:40	10		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 00:26	10		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 01:12	10		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 01:58	10		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 02:44	1		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 03:31	1		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 04:17	1		RTX-624 0.32(mm)
200-26247-10	4467	01/15/2015 05:13	0.2	11618-025.D	RTX-624 0.32(mm)
ZZZZZ		01/15/2015 06:10	0.2		RTX-624 0.32(mm)

TO-15

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Instrument ID: CHX.i Start Date: 11/10/2014 14:08

Analysis Batch Number: 80238 End Date: 11/11/2014 01:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-80238/1		11/10/2014 14:08	1	10468-001.D	RTX-624 0.32(mm)
VIBLK 200-80238/2		11/10/2014 14:57	1		RTX-624 0.32(mm)
VIBLK 200-80238/3		11/10/2014 15:44	1		RTX-624 0.32(mm)
IC 200-80238/4		11/10/2014 16:30	1	10468-004.D	RTX-624 0.32(mm)
IC 200-80238/5		11/10/2014 17:16	1	10468-005.D	RTX-624 0.32(mm)
IC 200-80238/6		11/10/2014 18:02	1	10468-006.D	RTX-624 0.32(mm)
IC 200-80238/7		11/10/2014 18:48	1	10468-007.D	RTX-624 0.32(mm)
ICIS 200-80238/8		11/10/2014 19:34	1	10468-008.D	RTX-624 0.32(mm)
IC 200-80238/9		11/10/2014 20:21	1	10468-009.D	RTX-624 0.32(mm)
IC 200-80238/10		11/10/2014 21:07	1	10468-010.D	RTX-624 0.32(mm)
IC 200-80238/11		11/10/2014 21:54	1	10468-011.D	RTX-624 0.32(mm)
VIBLK 200-80238/12		11/10/2014 22:41	1		RTX-624 0.32(mm)
VIBLK 200-80238/13		11/10/2014 23:29	1		RTX-624 0.32(mm)
ICV 200-80238/14		11/11/2014 00:16	1	10468-014.D	RTX-624 0.32(mm)
ZZZZZ		11/11/2014 01:03	1		RTX-624 0.32(mm)
ZZZZZ		11/11/2014 01:49	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-26260-1

SDG No.:

Instrument ID: CHX.i Start Date: 01/14/2015 10:28

Analysis Batch Number: 83373 End Date: 01/15/2015 06:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-83373/1		01/14/2015 10:28	1	11618-001.D	RTX-624 0.32(mm)
CCVIS 200-83373/2		01/14/2015 11:17	1	11618-002.D	RTX-624 0.32(mm)
LCS 200-83373/3		01/14/2015 12:04	1	11618-003.D	RTX-624 0.32(mm)
MB 200-83373/4		01/14/2015 12:50	1	11618-004.D	RTX-624 0.32(mm)
ZZZZZ		01/14/2015 13:36	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 14:22	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 15:08	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 15:54	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 16:40	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 17:26	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 18:13	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 18:59	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 19:50	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 20:36	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 21:22	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 22:08	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 22:54	1		RTX-624 0.32(mm)
ZZZZZ		01/14/2015 23:40	10		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 00:26	10		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 01:12	10		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 01:58	10		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 02:44	1		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 03:31	1		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 04:17	1		RTX-624 0.32(mm)
ZZZZZ		01/15/2015 05:13	0.2		RTX-624 0.32(mm)
200-26260-6	3404	01/15/2015 06:10	0.2	11618-026.D	RTX-624 0.32(mm)

Shipping and Receiving Documents

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774776CA01LA	774776-Influent	1-20	1345	GS	AC	0/0	N	-	-	1	1	1	Can #3525
785786CA01LA	785786-Influent	1-20	1355	GS	AC	0/0	N	-	-	1	1	1	Can # 5027

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig)	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/29/15	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABEN	Time: 1020	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
AC = Air Container

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate


280-64806 Chain of Custody

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 B101 Sampler Name: Katrina Mattice	Send Results to: Daniel Baldyga FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 207
Carrier: Fedex	Sampler Signature: Katrina Mattice	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
101VMP0101FA	101VMP-1	1/21	1130	GS	AC	0/0	N	-30	-5	1	1	1	can #3621 Reg#6299
101VMP0201FA	101VMP-2	1/21	1135	GS	AC	0/0	N	-26.5	-6	1	1	1	can #3758 Reg#4688
101VMP0301FA	101VMP-3	1/21	1125	GS	AC	0/0	N	-26	-5	1	1	1	can #4153 Reg#6699
101VMP0201FC	101VMP-2	1/21	1135	GS	AC	0/0	FD	-27.5	-2	1	1	1	can #3365 Reg#4976
101IA0305FA	101IA-03(BADrP)	1/21	1105	GS	AC	0/0	N	-30	-10	1	1	1	can #5081 Reg# 3443
101IA0405FA	101IA-04(BADP)	1/21	1110	GS	AC	0/0	N	-30	-5	1	1	1	can #5407 Reg# 4043
101OA0305FA	101OA-03	1/21	1115	GS	AC	0/0	N	-27.5	-4	1	1	1	can #4278 Reg #4202
101CA01FA	101 SVE Influent	1.20	1410	GS	AC	0/0	N	NA	NA	1	1	1	Can # 5979
~~TB~~	~~Trip Blank~~			~~GS~~	~~AC~~	~~0/0~~	~~TB~~			~~1~~	~~1~~	~~1~~	KM

Sample Condition Upon Receipt at Laboratory:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) KM	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/28/15	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TARGN	Time: 1020	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate

02/04/2015

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

SMCODE
B = Bailer
G = Grab (only for EB).
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PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
AC = Air Container

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774VMP0101MA	774VMP-1	1/22	1355	GS	AC	0/0	N	-30	-4	1	1	1	Can # 4442, Reg # 4592
774VMP0201MA	774VMP-2	1/22	1405	GS	AC	0/0	N	-31	-5	1	1	1	Can # 3007, Reg # 4631
774VMP0301MA	774VMP-3	1/22	1410	GS	AC	0/0	N	-26	-4	1	1	1	Can # 3421, Reg # 4978
776VMP0101MC	776VMP-1	1/22	1250	GS	AC	0/0	N	-30	-3	1	1	1	Can # 4338, REg # 4627
776VMP0101MA	776VMP-1	1/22	1250	GS	AC	0/0	N	-30	-3	1	1	1	Can # 2596, Reg # 4615
776VMP0201MA	776VMP-2	1/22	1244	GS	AC	0/0	N	-28	0	1	1	1	Can # 3033, Reg # 4714
776VMP0301MA	776VMP-3	1/22	1255	GS	AC	0/0	N	-30	-4	1	1	1	Can # 5155, Reg #4691
774IA1MA	774-IA	1/22	0805	GS	AC	0/0	N	-30	-4	1	1	1	Can # 4296, Reg # 5177
774776OA1MA	774776-OA	1/22	0800	GS	AC	0/0	N	-30	-6	1	1	1	Can # 4066, Reg # 3125
776IA1MA	776-IA	1/22	0810	GS	AC	0/0	N	-30	-4	1	1	1	Can # 5465, REg # 3740

Sample Condition Upon Receipt at Laboratory: Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/19/15	#2 Received by: (Sig)	Date: 1/29/15	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABOR	Time: 1020	Company Name:	Time:

MATRIX
WG = Ground water

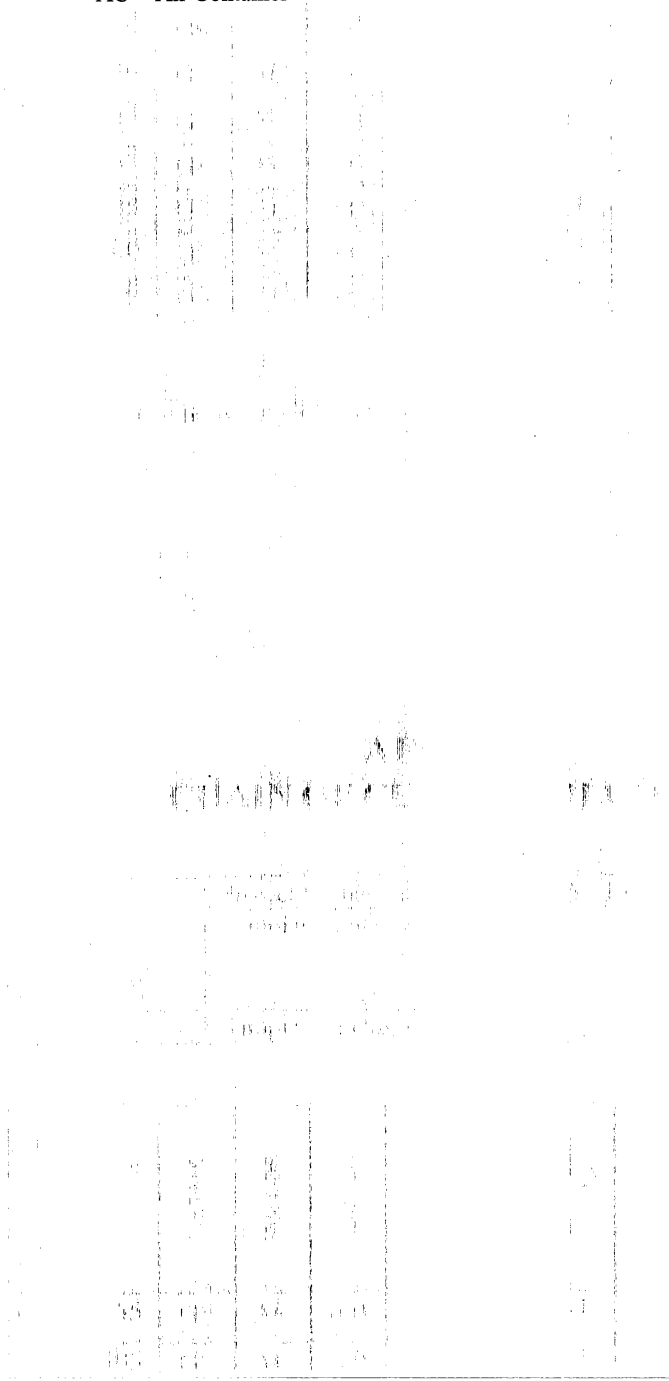
SMCODE
B = Bailer

SACODE
N = Normal Sample

WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
AC = Air Container

AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate



AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
786VMP0202NA	786VMP-2	1/26	1415	GS	AC	0/0	N	-30	-1	1	1	1	Can#4914 Reg#4582
786VMP0302NA	786VMP-3	1/26	1420	GS	AC	0/0	N	-30	-5	1	1	1	Can#3544 Reg#4589
786VMP0102NA	786VMP-1	1/26	1505	GS	AC	0/0	N	-28	-4	1	1	1	Can#2743 Reg#4599
785IA14	785-IA	1/26	1005	GS	AC	0/0	N	-30	-3	1	1	1	can#2781 Reg#4053
786IA13	786-IA	1/26	1000	GS	AC	0/0	N	-29	-18.5	1	1	1	can#5692 Reg#5186
785786OA10	785786-OA	1/26	0955	GS	AC	0/0	N	-30	-2	1	1	1	can#4380 Reg#4724
785VMP0202NA	785VMP-2	1/26	1520	GS	AC	0/0	N	-28	-2	1	1	1	Can#5017 Reg#4974
785VMP0501NA	785VMP-5	1/26	1530	GS	AC	0/0	N	-28	-1	1	1	1	Can#3338 Reg#4588
785VMP0401NA	785VMP-4	1/26	1525	GS	AC	0/0	N	-31	-3	1	1	1	can#2515 Reg#5321
786VMP0202NC	786VMP-2	1/26	1415	GS	AC	0/0	N	-30	-2	1	1	1	Can#4142 Reg#4636
012615TB	Trip Blank	1/26	0900	GS	AC	0/0	T	NA	NA	1	1	1	Can#2634

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) KM	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/28/15	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABTW	Time: 1020	Company Name:	Time:

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 212
Carrier: Fedex	Sampler Signature: Katrina Mattice	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774776CA01LA	774776-Influent	1-20	1345	GS	AC	0/0	N	-	-	1	1	1	Can#3525
785786CA01LA	785786-Influent	1-20	1355	GS	AC	0/0	N	-	-	1	1	1	Can# 5027

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) km	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/29/15	#3 Received by: (Sig)	Date: 1/30/15
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABV	Time: 1020	Company Name: TABV	Time: 1100

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
AC = Air Container

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

280-64806 Chain of Custody

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
786VMP0202NA	786VMP-2	1/26	1415	GS	AC	0/0	N	-30	-1	1	1	1	Can#491A Reg#4582
786VMP0302NA	786VMP-3	1/26	1420	GS	AC	0/0	N	-30	-5	1	1	1	Can#3544 Reg#4589
786VMP0102NA	786VMP-1	1/26	1505	GS	AC	0/0	N	-28	-4	1	1	1	Can#2743 Reg#4599
785IA14	785-IA	1/26	1005	GS	AC	0/0	N	-30	-3	1	1	1	Can#2781 Reg#4053
786IA13	786-IA	1/26	1000	GS	AC	0/0	N	-29	-12.5	1	1	1	can#5692 Reg#5186
785786OA10	785786-OA	1/26	0955	GS	AC	0/0	N	-30	-2	1	1	1	Can#4380 Reg#4724
785VMP0202NA	785VMP-2	1/26	1520	GS	AC	0/0	N	-28	-2	1	1	1	Can#5017 Reg#4974
785VMP0501NA	785VMP-5	1/26	1530	GS	AC	0/0	N	-28	-1	1	1	1	Can#3338 Reg#4588
785VMP0401NA	785VMP-4	1/26	1525	GS	AC	0/0	N	-31	-3	1	1	1	can#2515 Reg#5321
786VMP0202NC	786VMP-2	1/26	1415	GS	AC	0/0	N	-30	-2	1	1	1	Can#4142 Reg#4636
012615TB	Trip Blank	1/26	0900	GS	AC	0/0	T	NA	NA	1	1	1	Can#2634

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) KM	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/28/15	#3 Received by: (Sig)	Date: 1/30/15
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABTV	Time: 1620	Company Name: TABTV	Time: 1730 JA

1100

Recd 1/30/15 JEA

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02/04/2015

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 B101 Sampler Name: Katrina Mattice	Send Results to: Daniel Baldyga FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 207
Carrier: Fedex	Sampler Signature: Katrina Mattice	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
101VMP0101FA	101VMP-1	1/21	1130	GS	AC	0/0	N	-30	-5	1	1	1	can #3621 Reg#6299
101VMP0201FA	101VMP-2	1/21	1135	GS	AC	0/0	N	-30	-6	1	1	1	can #3758 Reg# 4688
101VMP0301FA	101VMP-3	1/21	1125	GS	AC	0/0	N	-28	-5	1	1	1	can # 4153 Reg#6699
101VMP0201FC	101VMP-2	1/21	1135	GS	AC	0/0	FD	-27.5	-2	1	1	1	can #3365 Reg#4976
101IA0305FA	101IA-03(BADrP)	1/21	1105	GS	AC	0/0	N	-30	-10	1	1	1	can #5081 Reg# 3443
101IA0405FA	101IA-04(BADP)	1/21	1110	GS	AC	0/0	N	-30	-5	1	1	1	can #5407 Reg# 4043
101OA0305FA	101OA-03	1/21	1115	GS	AC	0/0	N	-27.5	-4	1	1	1	can #4278 Reg #4202
101CA01FA	101 SVE Influent	1-20	1410	GS	AC	0/0	N	NA	NA	1	1	1	can # 5979
~~TB~~	~~Trip Blank~~			~~GS~~	~~AC~~	~~0/0~~	~~TB~~			~~1~~	~~1~~	~~1~~	KM

Sample Condition Upon Receipt at Laboratory:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) KM	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/28/15	#2 Received by: (Sig)	Date: 1/28/15	#3 Received by: (Sig)	Date: 1/30/15
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TARGET	Time: 1020	Company Name: TABTV	Time: 1100

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump

SACODE
N = Normal Sample
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TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774VMP0101MA	774VMP-1	1/22	1355	GS	AC	0/0	N	-30	-4	1	1	1	Can # 4442, Reg # 4592
774VMP0201MA	774VMP-2	1/22	1405	GS	AC	0/0	N	-31	-5	1	1	1	Can # 3007, Reg # 4631
774VMP0301MA	774VMP-3	1/22	1410	GS	AC	0/0	N	-26	-4	1	1	1	Can # 3421, Reg # 4978
776VMP0101MC	776VMP-1	1/22	1250	GS	AC	0/0	N	-30	-3	1	1	1	Can # 4338, REg # 4627
776VMP0101MA	776VMP-1	1/22	1250	GS	AC	0/0	N	-30	-3	1	1	1	Can # 2596, Reg # 4615
776VMP0201MA	776VMP-2	1/22	1244	GS	AC	0/0	N	-28	0	1	1	1	Can # 3033, Reg # 4714
776VMP0301MA	776VMP-3	1/22	1255	GS	AC	0/0	N	-30	-4	1	1	1	Can # 5155, Reg #4691
774IA1MA	774-IA	1/22	0805	GS	AC	0/0	N	-30	-4	1	1	1	Can # 4296, Reg # 5177
774776OA1MA	774776-OA	1/22	0800	GS	AC	0/0	N	-30	-6	1	1	1	Can # 4066, Reg # 3125
776IA1MA	776-IA	1/22	0810	GS	AC	0/0	N	-30	-4	1	1	1	Can # 5465, REg # 3740

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/29/15	#3 Received by: (Sig)	Date: 1/30/15
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABTV	Time: 1020	Company Name: TABTV	Time: 1100

MATRIX
WG = Ground water

SMCODE
B = Bailer

SACODE
N = Normal Sample

From: (315) 336-7721
FPM Remediations, Inc.
[illegible] Phoenix Dr
Rome, [illegible]

Origin ID: UCAA

FedEx. Express

J1510150114O3uv

Ship Date: 27JAN15
ActWgt: 1.0 LB
CAD: 102601606/INET3610

Delivery Address Bar Code

SHIP TO: (802) 923-1027
Kathryn Kelly
TEST AMERICA BURLING[illegible]ON
30 COMMUNITY DR STE [illegible]
SOUTH B[illegible]NGTON, VT 05403

BILL RECIPIENT

Ref # Griffiss AFB
Invoice #
PO #
Dept #

2 of 8

WED - 28 JAN AA
STANDARD OVERNIGHT

MPS# 7727 2931 8864
0263

Mstr# 7727 2931 8842
0201

EK BTVA

05403
VT-US
BTV

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-64806-1

Login Number: 64806
List Number: 2
Creator: Young, Joseph W

List Source: TestAmerica Burlington
List Creation: 01/28/15 01:34 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-64806-1

Login Number: 64806
List Number: 3
Creator: Young, Joseph W

List Source: TestAmerica Burlington
List Creation: 01/28/15 01:48 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-64806-1

Login Number: 64806
List Number: 4
Creator: Atherton, Joel E

List Source: TestAmerica Burlington
List Creation: 01/30/15 05:43 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix E

FPM GROUP, LTD.
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
GRIFFISS LTM SAMPLING
Site Griffiss AFB Building 101 Sampling
Soil Vapor Sampling

Contract No. FA8903-10-D-8595
FPM Project No. 1015-11-01

TestAmerica Job # 280-64806-1

Laboratory:	TestAmerica, Inc.
Sample Matrix:	Soil Vapor
Number of Samples:	31
Analytical Protocol:	AFCEE QAPP, Version 4.2, with AFCEE-approved lab variances
Data Reviewer:	Connie van Hoesel
Sample Date:	January 20-22 and 26, 2015

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	Date	Sample ID	Date
774776CA01LA	1/20/15		
785786CA01LA	1/20/15		
101VMP0101FA	1/21/15		
101VMP0201FA	1/21/15	101VMP0201FC	1/21/15
101VMP0301FA	1/21/15		
101IA0305FA	1/21/15		
101IA0405FA	1/21/15		
101OA0305FA	1/21/15		
101CA01FA	1/20/15		
774VMP0101MA	1/22/15		
774VMP0201MA	1/22/15		
774VMP0301MA	1/22/15		
776VMP0101MA	1/22/15	776VMP0101MC	1/26/15
776VMP0201MA	1/22/15		
776VMP0301MA	1/22/15		
774IA1MA	1/22/15		
774776OA1MA	1/22/15		
776IA1MA	1/22/15		
786VMP0202NA	1/26/15	786VMP0202NC	1/26/15
786VMP0302NA	1/26/15		
786VMP0102NA	1/27/15		
785IA14	1/26/15		
786IA13	1/26/15		

785786OA10	1/26/15		
785VMP0202NA	1/26/15		
785VMP0501NA	1/26/15		
785VMP0401NA	1/26/15	012615TB	1/26/15

Notes:

Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.
FA, IA, LA, MA, NA, OA – Primary environmental samples
FC, MC, NC – Field duplicate sample
TB – Trip blank

DELIVERABLES

The data deliverable report was per requirements of the DOD QSM, version 4.2, as specified in the project-specific QAPP. The report consisted of the following major sections: lab attachment letter, case narrative, chain-of-custody, lab qualifier definitions, analytical results (sheet 2) based on analytical batch, calibration summaries, method blank summaries, laboratory control sample summaries, matrix spike/matrix spike duplicate summaries, holding time forms, performance checks, surrogate and internal standard recoveries, as applicable.

ANALYTICAL METHODS

The analytical test methods and QA/QC requirements used for the sample analyses were per methods as specified in the DOD QSM, version 4.2, with project-specific modifications as listed in the project-specific QAPP. The analytical methods employed included the EPA Compendium Methods for toxic organics: Volatile Organic Compounds (VOC) by EPA method TO-15.

VERIFICATION GUIDANCE

The analytical work was performed by TestAmerica Laboratories, Inc. in accordance with the DOD QSM, version 4.2, and QC requirements of the respective analytical methods and of the project-specific QAPP. The data usability analysis was based on the reviewer's professional judgment and on an assessment of how this data would fare with respect to the DOD QSM, and the criteria as listed in the project-specific QAPP.

QA/QC CRITERIA

The following QA/QC criteria were reviewed, as applicable and available:

- Method detection limits and limits of quantitation (DL, LOQ)
- Holding times
- GC/MS tune performance
- Initial and Continuing calibration summaries
- Method blanks
- Field duplicate results
- Matrix spike/matrix spike duplicate (MS/MSD) analysis
- Surrogate spike recoveries
- Internal standard areas counts and retention times
- Laboratory control samples (LCS)
- Results reported between DL and LOQ (J-flag)
- Sample storage and preservation
- Data system printouts
- Qualitative and quantitative compound identification
- Chain-of-custody (COC)
- Case narrative and deliverables compliance

The items listed above were in compliance with DOD QSM, version 4.2, and project-specific QAPP criteria and protocols with exceptions discussed in the text below. The data have been verified according to the procedures outlined above and qualified accordingly.

GENERAL NOTES:

BLANKS

Whenever blanks, including method, ambient, equipment, and trip, contained low levels of contaminants (between DL and LOQ), the laboratory qualified the subject results with a "J" flag. Since no qualification of associated field samples are required for blank concentrations less than half the LOQ, no further action was taken in such instances.

VOLATILE ORGANIC COMPOUNDS (VOCs)

- According to the case narrative, the following samples were analyzed at initial dilutions:

Sample	Dilution
101VMP0101FA	1:1.6
101VMP0201FA	1:2
101VMP0301FA	1:49.7
101VMP0301FC	1:3.03
101IA0305FA	1:14.9
101IA0405FA	1:2.5
774VMP0301MA	1:4
785VMP0501NA	1:4.55

The dilution results only are reported and are used in data verification as representing original results.

- Field duplicate samples, which are collected at the same location and at the same time using identical collection, handling, and analytical procedures, are used to assess precision of the sample collection process. Using professional judgment, for sample results greater than the RL (equivalent to the LOQ), an RPD greater than 25% would at least warrant a "J" flag, especially for those results greater than 5 times (5x) the reporting limit. If either the parent or the duplicate sample is less than 5x the LOQ, then the difference between the parent and duplicate sample must be less than 2x the LOQ. "J" flags for detects and "UJ" flags for non-detects are required per the QAPP for any exceedances.

  The following table summarizes results of the relative percent differences (RPD's) of field duplicate sample sets 101VMP0201FA/FC, 776VMP0101MA/MC, and 786VMP0202NA/NC.

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD	Flag Applied	Rationale
101VMP0201FA	101VMP0201FC	Dichlorodifluoromethane	2.7 J	3.1 J	4.9, 7.5	0.4	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Freon 22	2.1 J	2.4 J	3.5, 5.4	0.3	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	n-Butane	2.2 J	1.7 J	2.4, 3.6	0.5	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Trichlorofluoromethane	5.3	5.9	2.2, 3.4	0.6	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Freon TF	0.85 J	1.9 U	3.1, 4.6	1.05	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Acetone	37	45	24, 36	8	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Isopropyl alcohol	22 J	21 J	25, 37	1	None	Total difference

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD	Flag Applied	Rationale
								< 2Xloq
101VMP0201FA	101VMP0201FC	Carbon disulfide	4.9	11	3.1, 4.7	6.1	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Methylene chloride	1.4 U	1.5 J	3.5, 5.3	0.1	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	tert-Butyl alcohol	2.3 J	2.8 J	30, 46	0.5	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	n-Hexane	1.1 J	0.94 J	1.4, 2.1	0.16	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Methyl Ethyl Ketone	8.8	13	2.9, 4.5	4.2	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Chloroform	0.42 J	0.63 J	2.0, 3.0	0.21	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Tetrahydrofuran	170	290	29, 45	***52***	J	RPD>25%
101VMP0201FA	101VMP0201FC	Carbon Tetrachloride	0.87 J	1.0 J	2.5, 3.8	0.13	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	2,2,4-Trimethylpentane	0.70 J	0.69 J	1.9, 2.8	0.01	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Benzene	7.2	8.6	1.3, 1.9	1.4	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	n-Heptane	0.66 U	1.9 J	1.6, 2.5	1.24	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Trichloroethene	58	87	2.1, 3.3	***40***	J	RPD>25%
101VMP0201FA	101VMP0201FC	1,4-Dioxane	1.6 J	2.2 U	36, 55	0.6	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Toluene	110	220	1.5, 2.3	***67***	J	RPD>25%
101VMP0201FA	101VMP0201FC	Tetrachloroethene	2.1 J	3.5 J	2.7, 4.1	1.4	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	Ethylbenzene	42	170	1.7, 2.6	***120***	J	RPD>25%
101VMP0201FA	101VMP0201FC	m,p-Xylene	96	560	4.3, 6.6	***140***	J	RPD>25%
101VMP0201FA	101VMP0201FC	o-Xylene	15	120	1.7, 2.6	***160***	J	RPD>25%
101VMP0201FA	101VMP0201FC	Total Xylene	110	690	1.7, 2.6	***150***	J	RPD>25%
101VMP0201FA	101VMP0201FC	Cumene	0.29 U	1.3 J	2.0, 3.0	1.01	None	Total difference < 2xLOQ

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD	Flag Applied	Rationale
101VMP0201FA	101VMP0201FC	4-Ethyltoluene	0.28 J	1.3 J	2.0, 3.0	1.0	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	1,3,5-Trimethylbenzene	0.29 U	1.5 J	2.0, 3.0	1.2	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	1,2,4-Trimethylbenzene	0.22 J	2.7 J	2.0, 3.0	2.5	None	Total difference < 2xLOQ
101VMP0201FA	101VMP0201FC	1,2,4-Trichlorobenzene	0.51 J	1.8 U	7.4, 11	1.3	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Dichlorodifluoromethane	2.7	2.5	2.5	0.2	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Freon 22	4.9	4.5	1.8	0.4	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Chloromethane	0.76 J	0.58 J	1.0	0.18	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	n-Butane	2.1	2.0	1.2	0.1	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Trichlorofluoromethane	1.2	1.3	1.1	0.1	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Freon TF	0.43 J	0.47 J	1.5	0.04	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Acetone	21	11 J	12	10	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Isopropyl alcohol	13	18	12	5	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Carbon disulfide	4.8	0.25 U	1.6	4.6	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Methylene chloride	0.71 J	0.69 J	1.7	0.02	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	tert-Butyl alcohol	0.95 J	0.61 U	15	0.34	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	n-Hexane	0.72	0.56 J	0.70	0.16	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Methyl Ethyl Ketone	8.9	2.1	1.5	***7.4***	J	Total

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD	Flag Applied	Rationale
								difference > 2xLOQ
776VMP0101MA	776VMP0101MC	Tetrahydrofuran	3.0 J	2.0 J	15	1.0	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Cyclohexane	0.47 J	0.38 J	0.69	0.09	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Carbon Tetrachloride	0.43 J	0.51 J	1.3	0.08	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Benzene	0.82	0.75	0.64	0.07	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	n-Heptane	0.72 J	0.33 U	0.82	0.39	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Trichloroethene	0.29 J	0.16 U	1.1	0.13	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	1,4-Dioxane	0.99 J	0.72 U	18	0.27	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Methyl isobutyl ketone	0.91 J	0.82 U	2.0	0.09	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Toluene	5.2	3.5	0.75	***1.7***	J	Total difference > 2xLOQ
776VMP0101MA	776VMP0101MC	Ethylbenzene	1.4	0.95	0.87	0.45	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	m,p-Xylene	4.9	4.0	2.2	0.9	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	o-Xylene	1.5	1.3	0.87	0.2	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Total Xylene	6.3	5.3	0.87	17	None	RPD<25%
776VMP0101MA	776VMP0101MC	Styrene	0.13 U	0.30 J	0.85	0.17	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	Cumene	0.17 J	0.15 U	0.98	0.02	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	4-Ethyltoluene	0.55 J	0.33 J	0.98	0.22	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	1,3,5-Trimethylbenzene	0.40 J	0.40 J	0.98	0	None	Total

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD	Flag Applied	Rationale
								difference < 2xLOQ
776VMP0101MA	776VMP0101MC	1,2,4-Trimethylbenzene	1.3	1.3	0.98	0	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	4-Isopropyltoluene	1.7	0.16 U	1.1	1.54	None	Total difference < 2xLOQ
776VMP0101MA	776VMP0101MC	1,4-Dichlorobenzene	0.38 J	0.18 U	1.2	0.20	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Dichlorodifluoromethane	3.1	2.6	2.5	0.5	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Freon 22	1.0 J	0.85 J	1.8	0.15	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	n-Butane	1.1 J	1.0 J	1.2	0.1	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Trichlorofluoromethane	1.3	1.1 J	1.1	0.2	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Freon TF	0.68 J	0.69 J	1.5	0.01	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Acetone	5.5 J	2.7 J	12	2.8	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Isopropyl alcohol	1.4 J	1.2 J	12	0.2	None	Total difference < 2Xloq
786VMP0202NA	786VMP0202NC	Methylene chloride	0.58 J	0.65 J	1.7	0.07	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	n-Hexane	0.16 J	0.32 J	0.70	0.16	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Methyl Ethyl Ketone	1.4 J	0.74 J	1.5	0.66	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Chloroform	3.8	3.4	0.98	0.4	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Tetrahydrofuran	1.3 J	0.84 J	15	0.46	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	1,1,1-Trichloroethane	0.55 J	0.44 J	1.1	0.11	None	Total difference

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD	Flag Applied	Rationale
								< 2xLOQ
786VMP0202NA	786VMP0202NC	Carbon Tetrachloride	0.32 J	0.30 J	1.3	0.02	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Benzene	0.63 J	0.57 J	0.64	0.06	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	n-Heptane	0.23 J	0.22 J	0.82	0.01	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Trichloroethene	6.3	5.2	1.1	1.1	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Toluene	0.87	0.67 J	0.75	0.20	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Ethylbenzene	0.13 U	0.16 J	0.87	0.03	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	m,p-Xylene	0.32 J	0.39 J	2.2	0.07	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	o-Xylene	0.12 J	0.18 J	0.87	0.06	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	Total Xylene	0.44 J	0.57 J	0.87	0.13	None	Total difference < 2xLOQ
786VMP0202NA	786VMP0202NC	1,2,4-Trimethylbenzene	0.15 U	0.16 J	0.98	0.01	None	Total difference < 2xLOQ

Corrective Action: "J" flags were applied several analytes for field duplicate sample set 101VMP0201FA/FC and for toluene and methyl ethyl ketone in field duplicate sample set 776VMP0101MA/MC since the total differences or the RPDs exceeded the control limits as described above. The results are usable but should be considered estimated.

DATA USABILITY RESULTS

VOCs

Based on the evaluation of all information in the analytical data groups, the results for VOCs are usable with the data qualifiers as noted. It should be noted that non-reportable results did not affect overall data usability. Using the verification approach as presented above, the results for all above samples are 100% usable.

AFCEE SUMMARY

All data in Job # 280-64806-1 are usable, which can be used with qualifications as noted in the data review.

Signed: Concordia van Hoesel Date: 3/14/15

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Qualified final data verification results on annotated Lab Sheet 2s

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-64806-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-64806-1	774776CA01LA	Air	01/20/2015 1345	01/28/2015 0820
280-64806-2	785786CA01LA	Air	01/20/2015 1355	01/28/2015 0820
280-64806-3	101VMP0101FA	Air	01/21/2015 1130	01/28/2015 0820
280-64806-4	101VMP0201FA	Air	01/21/2015 1135	01/28/2015 0820
280-64806-5	101VMP0301FA	Air	01/21/2015 1125	01/28/2015 0820
280-64806-6	101VMP0201FC	Air	01/21/2015 1135	01/28/2015 0820
280-64806-7	101IA0305FA	Air	01/21/2015 1105	01/28/2015 0820
280-64806-8	101IA0405FA	Air	01/21/2015 1110	01/28/2015 0820
280-64806-9	101OA0305FA	Air	01/21/2015 1115	01/28/2015 0820
280-64806-10	101CA01FA	Air	01/20/2015 1410	01/28/2015 0820
280-64806-11	774VMP0101MA	Air	01/22/2015 1355	01/28/2015 0820
280-64806-12	774VMP0201MA	Air	01/22/2015 1405	01/28/2015 0820
280-64806-13	774VMP0301MA	Air	01/22/2015 1410	01/28/2015 0820
280-64806-14	776VMP0101MC	Air	01/22/2015 1250	01/28/2015 0820
280-64806-15	776VMP0101MA	Air	01/22/2015 1250	01/28/2015 0820
280-64806-16	776VMP0201MA	Air	01/22/2015 1244	01/28/2015 0820
280-64806-17	776VMP0301MA	Air	01/22/2015 1255	01/28/2015 0820
280-64806-18	774IA1MA	Air	01/22/2015 0805	01/28/2015 0820
280-64806-19	774776OA1MA	Air	01/22/2015 0800	01/28/2015 0820
280-64806-20	776IA1MA	Air	01/22/2015 0810	01/28/2015 0820
280-64806-21	786VMP0202NA	Air	01/26/2015 1415	01/28/2015 0820
280-64806-22	786VMP0302NA	Air	01/26/2015 1420	01/28/2015 0820
280-64806-23	786VMP0102NA	Air	01/27/2015 1505	01/28/2015 0820
280-64806-24	785IA14	Air	01/26/2015 1005	01/28/2015 0820
280-64806-25	786IA13	Air	01/26/2015 1000	01/28/2015 0820
280-64806-26	785786OA10	Air	01/26/2015 0955	01/28/2015 0820
280-64806-27	785VMP0202NA	Air	01/26/2015 1520	01/28/2015 0820
280-64806-28	785VMP0501NA	Air	01/26/2015 1530	01/28/2015 0820
280-64806-29	785VMP0401NA	Air	01/26/2015 1525	01/28/2015 0820
280-64806-30	786VMP0202NC	Air	01/26/2015 1415	01/28/2015 0820
280-64806-31TB	012615TB	Air	01/26/2015 0900	01/28/2015 0820

CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Soil Vapor
Report Number: 280-64806-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

Thirty-one samples were received at TestAmerica Burlington on 01/28/2015 and 01/30/2015; the samples arrived in good condition.

The container label for sample 101VMP0101FA (280-64806-3) did not match the information listed on the Chain-of-Custody (COC). The flow controller ID listed on the Chain of Custody was received was 6299. The flow controller ID received for this sample was 4679.

The container label for sample 101VMP0301FA (280-64806-5) did not match the information listed on the Chain-of-Custody (COC). The flow controller ID listed on the Chain of Custody was received was 6699. The flow controller ID received for this sample was 4699.

Due to FedEx delay, samples 786IA13 (280-64806-25), 786VMP0202NA (280-64806-21), 786VMP0202NC (280-64806-30), 786VMP0302NA (280-64806-22) did not arrive on Wednesday, January 28, 2015 as expected. Instead, these samples arrived on Friday, January 30, 2015.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples 774776CA01LA (280-64806-1), 785786CA01LA (280-64806-2), 101VMP0101FA (280-64806-3), 101VMP0201FA (280-64806-4), 101VMP0301FA (280-64806-5), 101VMP0201FC (280-64806-6), 101IA0305FA (280-64806-7), 101IA0405FA (280-64806-8), 101OA0305FA (280-64806-9), 101CA01FA (280-64806-10), 774VMP0101MA (280-64806-11), 774VMP0201MA (280-64806-12), 774VMP0301MA (280-64806-13), 776VMP0101MC (280-64806-14), 776VMP0101MA (280-64806-15), 776VMP0201MA (280-64806-16), 776VMP0301MA (280-64806-17), 774IA1MA (280-64806-18), 774776OA1MA (280-64806-19), 776IA1MA (280-64806-20), 786VMP0202NA (280-64806-21), 786VMP0302NA (280-64806-22), 786VMP0102NA (280-64806-23), 785IA14 (280-64806-24), 786IA13 (280-64806-25), 785786OA10 (280-64806-26), 785VMP0202NA (280-64806-27), 785VMP0501NA (280-64806-28), 785VMP0401NA (280-64806-29), 786VMP0202NC (280-64806-30) and 012615TB (280-64806-31) were analyzed for volatile organic compounds (GC/MS) in accordance with TO-15. The samples were analyzed on 01/29/2015, 01/30/2015 and 02/02/2015.

1,4-Dichlorobenzene was detected in method blank MB 200-83982/4 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". However, because the result concentration was less than ½ the ½ the reporting limit, no corrective action was necessary.

Samples 101VMP0101FA (280-64806-3), 101VMP0201FA (280-64806-4), 101VMP0301FA (280-64806-5), 101VMP0201FC (280-64806-6), 101IA0305FA (280-64806-7), 101IA0405FA (280-64806-8), 774VMP0301MA (280-64806-13) and 785VMP0501NA (280-64806-28) required dilutions prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774776CA01LA**

Lab Sample ID: 280-64806-1
Client Matrix: Air

Date Sampled: 01/20/2015 1345
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1359			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1359			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.90		0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.47	J	0.060	0.50
n-Butane	0.74		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	5.0		0.045	0.20
Freon TF	0.080	U	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	3.1	J	0.69	5.0
Isopropyl alcohol	0.98	J	0.15	5.0
Carbon disulfide	0.14	J	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.14	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.047	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.37		0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.33	~~M~~	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.16	J~~M~~	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	19		0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.058	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.12	J	0.030	0.20

Clst
3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 774776CA01LA

Lab Sample ID: 280-64806-1
Client Matrix: Air

Date Sampled: 01/20/2015 1345
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1359			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1359			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.029	J	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.053	J	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	4.5		0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.96	J	0.12	1.0
n-Butane	1.7		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	28		0.25	1.1
Freon TF	0.61	U	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	7.3	J	1.6	12
Isopropyl alcohol	2.4	J	0.37	12
Carbon disulfide	0.44	J	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 774776CA01LA

Lab Sample ID: 280-64806-1
Client Matrix: Air

Date Sampled: 01/20/2015 1345
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1359			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1359			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.50	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.17	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	1.8		0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	1.8	M	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.53	J M	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	100		0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.22	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.84	J	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.13	J	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.26	J	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

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Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774776CA01LA**

Lab Sample ID: 280-64806-1
Client Matrix: Air

Date Sampled: 01/20/2015 1345
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1359			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1359			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785786CA01LA

Lab Sample ID: 280-64806-2
Client Matrix: Air

Date Sampled: 01/20/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1449			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1449			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.61		0.056	0.50
Freon 22	0.30	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	1.5		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.26		0.045	0.20
Freon TF	0.086	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	5.9		0.69	5.0
Isopropyl alcohol	0.61	J	0.15	5.0
Carbon disulfide	0.55		0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	1.2		0.092	0.50
cis-1,2-Dichloroethene	0.090	J M	0.030	0.20
1,2-Dichloroethene, Total	0.090	J	0.053	0.20
Chloroform	0.14	J M	0.038	0.20
Tetrahydrofuran	0.21	J	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.070	J M	0.010	0.20
Carbon tetrachloride	0.072	J	0.011	0.20
2,2,4-Trimethylpentane	0.84		0.023	0.20
Benzene	0.13	J	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	13		0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.072	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.74		0.030	0.20

CLW 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785786CA01LA

Lab Sample ID: 280-64806-2
Client Matrix: Air

Date Sampled: 01/20/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1449			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1449			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.043	J	0.020	0.20
m,p-Xylene	0.093	J	0.025	0.50
Xylene, o-	0.031	J	0.018	0.20
Xylene (total)	0.12	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.050	J	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.13	J	0.027	0.20
4-Ethyltoluene	0.021	J	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U M	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.047	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

clt 3/15/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0		0.28	2.5
Freon 22	1.0	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	3.6		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.5		0.25	1.1
Freon TF	0.66	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	14		1.6	12
Isopropyl alcohol	1.5	J	0.37	12
Carbon disulfide	1.7		0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785786CA01LA

Lab Sample ID: 280-64806-2
Client Matrix: Air

Date Sampled: 01/20/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1449			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1449			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	3.7		0.27	1.5
cis-1,2-Dichloroethene	0.36	J M	0.12	0.79
1,2-Dichloroethene, Total	0.36	J	0.21	0.79
Chloroform	0.67	J M	0.19	0.98
Tetrahydrofuran	0.62	J	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.24	J M	0.034	0.69
Carbon tetrachloride	0.45	J	0.069	1.3
2,2,4-Trimethylpentane	3.9		0.11	0.93
Benzene	0.42	J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	72		0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.27	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	5.0		0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.19	J	0.087	0.87
m,p-Xylene	0.41	J	0.11	2.2
Xylene, o-	0.13	J	0.078	0.87
Xylene (total)	0.54	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.25	J	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.65	J	0.13	0.98
4-Ethyltoluene	0.10	J	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U M	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

dlw 3/5/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785786CA01LA

Lab Sample ID: 280-64806-2
Client Matrix: Air

Date Sampled: 01/20/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1449			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1449			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.23	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0101FA**

Lab Sample ID: 280-64806-3
Client Matrix: Air

Date Sampled: 01/21/2015 1130
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_007.d
Dilution:	1.6			Initial Weight/Volume:	125 mL
Analysis Date:	01/29/2015 1538			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1538			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.57	J Ø	0.090	0.80
Freon 22	0.62	J Ø	0.13	0.80
1,2-Dichlorotetrafluoroethane	0.13	U	0.083	0.32
Chloromethane	0.47	J Ø	0.096	0.80
n-Butane	2.7	Ø	0.29	0.80
Vinyl chloride	0.048	U	0.042	0.32
1,3-Butadiene	0.13	U	0.058	0.32
Bromomethane	0.13	U	0.070	0.32
Chloroethane	0.13	U	0.098	0.80
Bromoethene(Vinyl Bromide)	0.048	U	0.032	0.32
Trichlorofluoromethane	0.90	Ø	0.072	0.32
Freon TF	0.096	J Ø	0.066	0.32
1,1-Dichloroethene	0.048	U	0.016	0.32
Acetone	37	Ø	1.1	8.0
Isopropyl alcohol	11	Ø	0.24	8.0
Carbon disulfide	0.65	J Ø	0.048	0.80
3-Chloropropene	0.32	U	0.26	0.80
Methylene Chloride	0.26	J Ø	0.19	0.80
tert-Butyl alcohol	0.32	U	0.19	8.0
Methyl tert-butyl ether	0.048	U	0.035	0.32
trans-1,2-Dichloroethene	0.048	U	0.043	0.32
n-Hexane	0.23	J Ø	0.045	0.32
1,1-Dichloroethane	0.048	U	0.045	0.32
Methyl Ethyl Ketone	23	Ø	0.15	0.80
cis-1,2-Dichloroethene	0.13	U	0.048	0.32
1,2-Dichloroethene, Total	0.13	U	0.085	0.32
Chloroform	28	Ø	0.061	0.32
Tetrahydrofuran	49	Ø	0.29	8.0
1,1,1-Trichloroethane	0.21	J Ø M	0.048	0.32
Cyclohexane	0.092	J Ø M	0.016	0.32
Carbon tetrachloride	0.13	J Ø	0.018	0.32
2,2,4-Trimethylpentane	0.078	J Ø	0.037	0.32
Benzene	0.26	J Ø	0.046	0.32
1,2-Dichloroethane	0.13	U	0.083	0.32
n-Heptane	0.14	J Ø M	0.059	0.32
Trichloroethene	11	Ø	0.048	0.32
Methyl methacrylate	0.32	U	0.15	0.80
1,2-Dichloropropane	0.13	U	0.056	0.32
1,4-Dioxane	0.32	U	0.26	8.0
Bromodichloromethane	0.11	J Ø M	0.046	0.32
cis-1,3-Dichloropropene	0.048	U	0.046	0.32
methyl isobutyl ketone	0.56	J Ø	0.29	0.80
Toluene	3.2	Ø	0.040	0.32
trans-1,3-Dichloropropene	0.048	U	0.042	0.32
1,1,2-Trichloroethane	0.13	U	0.059	0.32
Tetrachloroethene	0.048	U	0.048	0.32

CLS 3/5/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101VMP0101FA

Lab Sample ID: 280-64806-3
Client Matrix: Air

Date Sampled: 01/21/2015 1130
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_007.d
Dilution:	1.6			Initial Weight/Volume:	125 mL
Analysis Date:	01/29/2015 1538			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1538			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.32	U	0.27	0.80
Dibromochloromethane	0.048	U	0.032	0.32
1,2-Dibromoethane	0.048	U	0.029	0.32
Chlorobenzene	0.048	U	0.029	0.32
Ethylbenzene	0.44	~~D~~	0.032	0.32
m,p-Xylene	1.7	~~D~~	0.040	0.80
Xylene, o-	0.70	~~D~~	0.029	0.32
Xylene (total)	2.4		0.066	0.32
Styrene	0.38	~~D~~	0.026	0.32
Bromoform	0.048	U	0.040	0.32
Cumene	0.078	J ~~D~~	0.030	0.32
1,1,2,2-Tetrachloroethane	0.13	U	0.054	0.32
n-Propylbenzene	0.20	J ~~D~~	0.043	0.32
4-Ethyltoluene	0.29	J ~~D~~	0.032	0.32
1,3,5-Trimethylbenzene	0.26	J ~~D~~	0.030	0.32
2-Chlorotoluene	0.13	U	0.050	0.32
tert-Butylbenzene	0.048	U	0.032	0.32
1,2,4-Trimethylbenzene	0.89	~~D~~	0.026	0.32
sec-Butylbenzene	0.048	U	0.034	0.32
4-Isopropyltoluene	0.048	U	0.032	0.32
1,3-Dichlorobenzene	0.048	U	0.032	0.32
1,4-Dichlorobenzene	0.048	U	0.030	0.32
Benzyl chloride	0.048	U	0.029	0.32
n-Butylbenzene	0.048	U	0.045	0.32
1,2-Dichlorobenzene	0.048	U	0.029	0.32
1,2,4-Trichlorobenzene	0.13	U	0.054	0.80
Hexachlorobutadiene	0.13	U	0.058	0.32
Naphthalene	0.11	J ~~D~~	0.048	0.80

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8	J ~~D~~	0.44	4.0
Freon 22	2.2	J ~~D~~	0.45	2.8
1,2-Dichlorotetrafluoroethane	0.89	U	0.58	2.2
Chloromethane	0.97	J ~~D~~	0.20	1.7
n-Butane	6.3	~~D~~	0.68	1.9
Vinyl chloride	0.12	U	0.11	0.82
1,3-Butadiene	0.28	U	0.13	0.71
Bromomethane	0.50	U	0.27	1.2
Chloroethane	0.34	U	0.26	2.1
Bromoethene(Vinyl Bromide)	0.21	U	0.14	1.4
Trichlorofluoromethane	5.1	~~D~~	0.40	1.8
Freon TF	0.74	J ~~D~~	0.50	2.5
1,1-Dichloroethene	0.19	U	0.063	1.3
Acetone	88	~~D~~	2.6	19
Isopropyl alcohol	26	~~D~~	0.59	20
Carbon disulfide	2.0	J ~~D~~	0.15	2.5

CLG 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101VMP0101FA

Lab Sample ID: 280-64806-3
Client Matrix: Air

Date Sampled: 01/21/2015 1130
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_007.d
Dilution:	1.6			Initial Weight/Volume:	125 mL
Analysis Date:	01/29/2015 1538			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1538			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.0	U	0.80	2.5
Methylene Chloride	0.89	J Ø	0.67	2.8
tert-Butyl alcohol	0.97	U	0.58	24
Methyl tert-butyl ether	0.17	U	0.13	1.2
trans-1,2-Dichloroethene	0.19	U	0.17	1.3
n-Hexane	0.81	J Ø	0.16	1.1
1,1-Dichloroethane	0.19	U	0.18	1.3
Methyl Ethyl Ketone	68	Ø	0.43	2.4
cis-1,2-Dichloroethene	0.51	U	0.19	1.3
1,2-Dichloroethene, Total	0.51	U	0.34	1.3
Chloroform	140	Ø	0.30	1.6
Tetrahydrofuran	140	Ø	0.85	24
1,1,1-Trichloroethane	1.1	J Ø M	0.26	1.7
Cyclohexane	0.32	J Ø M	0.055	1.1
Carbon tetrachloride	0.83	J Ø	0.11	2.0
2,2,4-Trimethylpentane	0.36	J Ø	0.17	1.5
Benzene	0.84	J Ø	0.15	1.0
1,2-Dichloroethane	0.52	U	0.34	1.3
n-Heptane	0.56	J Ø M	0.24	1.3
Trichloroethene	60	Ø	0.26	1.7
Methyl methacrylate	1.3	U	0.63	3.3
1,2-Dichloropropane	0.59	U	0.26	1.5
1,4-Dioxane	1.2	U	0.92	29
Bromodichloromethane	0.71	J Ø M	0.31	2.1
cis-1,3-Dichloropropene	0.22	U	0.21	1.5
methyl isobutyl ketone	2.3	J Ø	1.2	3.3
Toluene	12	Ø	0.15	1.2
trans-1,3-Dichloropropene	0.22	U	0.19	1.5
1,1,2-Trichloroethane	0.70	U	0.32	1.7
Tetrachloroethene	0.33	U	0.33	2.2
Methyl Butyl Ketone (2-Hexanone)	1.3	U	1.1	3.3
Dibromochloromethane	0.41	U	0.27	2.7
1,2-Dibromoethane	0.37	U	0.22	2.5
Chlorobenzene	0.22	U	0.13	1.5
Ethylbenzene	1.9	Ø	0.14	1.4
m,p-Xylene	7.6	Ø	0.17	3.5
Xylene, o-	3.0	Ø	0.13	1.4
Xylene (total)	10		0.28	1.4
Styrene	1.6	Ø	0.11	1.4
Bromoform	0.50	U	0.41	3.3
Cumene	0.38	J Ø	0.15	1.6
1,1,2,2-Tetrachloroethane	0.88	U	0.37	2.2
n-Propylbenzene	0.97	J Ø	0.21	1.6
4-Ethyltoluene	1.4	J Ø	0.16	1.6
1,3,5-Trimethylbenzene	1.3	J Ø	0.15	1.6
2-Chlorotoluene	0.66	U	0.26	1.7

dlt 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0101FA**

Lab Sample ID: 280-64806-3
Client Matrix: Air

Date Sampled: 01/21/2015 1130
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_007.d
Dilution:	1.6			Initial Weight/Volume:	125 mL
Analysis Date:	01/29/2015 1538			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1538			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.26	U	0.18	1.8
1,2,4-Trimethylbenzene	4.4	~~D~~	0.13	1.6
sec-Butylbenzene	0.26	U	0.18	1.8
4-Isopropyltoluene	0.26	U	0.18	1.8
1,3-Dichlorobenzene	0.29	U	0.19	1.9
1,4-Dichlorobenzene	0.29	U	0.18	1.9
Benzyl chloride	0.25	U	0.15	1.7
n-Butylbenzene	0.26	U	0.25	1.8
1,2-Dichlorobenzene	0.29	U	0.17	1.9
1,2,4-Trichlorobenzene	0.95	U	0.40	5.9
Hexachlorobutadiene	1.4	U	0.61	3.4
Naphthalene	0.56	J ~~D~~	0.25	4.2

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3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101VMP0201FA

Lab Sample ID: 280-64806-4
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_008.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	01/30/2015 0747			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0747			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54	J Ø	0.11	1.0
Freon 22	0.60	J Ø	0.16	1.0
1,2-Dichlorotetrafluoroethane	0.16	U	0.10	0.40
Chloromethane	0.40	U	0.12	1.0
n-Butane	0.94	J Ø	0.36	1.0
Vinyl chloride	0.060	U	0.052	0.40
1,3-Butadiene	0.16	U	0.072	0.40
Bromomethane	0.16	U	0.088	0.40
Chloroethane	0.16	U	0.12	1.0
Bromoethene(Vinyl Bromide)	0.060	U	0.040	0.40
Trichlorofluoromethane	0.94	Ø	0.090	0.40
Freon TF	0.11	J Ø	0.082	0.40
1,1-Dichloroethene	0.060	U	0.020	0.40
Acetone	16	Ø	1.4	10
Isopropyl alcohol	9.1	J Ø	0.30	10
Carbon disulfide	1.6	Ø	0.060	1.0
3-Chloropropene	0.40	U	0.32	1.0
Methylene Chloride	0.40	U	0.24	1.0
tert-Butyl alcohol	0.76	J Ø	0.24	10
Methyl tert-butyl ether	0.060	U	0.044	0.40
trans-1,2-Dichloroethene	0.060	U	0.054	0.40
n-Hexane	0.30	J Ø	0.056	0.40
1,1-Dichloroethane	0.060	U	0.056	0.40
Methyl Ethyl Ketone	3.0	Ø	0.18	1.0
cis-1,2-Dichloroethene	0.16	U	0.060	0.40
1,2-Dichloroethene, Total	0.16	U	0.11	0.40
Chloroform	0.086	J Ø	0.076	0.40
Tetrahydrofuran	58	Ø J	0.36	10
1,1,1-Trichloroethane	0.16	U	0.060	0.40
Cyclohexane	0.060	U	0.020	0.40
Carbon tetrachloride	0.14	J Ø	0.022	0.40
2,2,4-Trimethylpentane	0.15	J Ø	0.046	0.40
Benzene	2.3	Ø	0.058	0.40
1,2-Dichloroethane	0.16	U	0.10	0.40
n-Heptane	0.16	U	0.074	0.40
Trichloroethene	11	Ø J	0.060	0.40
Methyl methacrylate	0.40	U	0.19	1.0
1,2-Dichloropropane	0.16	U	0.070	0.40
1,4-Dioxane	0.44	J Ø	0.32	10
Bromodichloromethane	0.060	U	0.058	0.40
cis-1,3-Dichloropropene	0.060	U	0.058	0.40
methyl isobutyl ketone	0.40	U	0.36	1.0
Toluene	30	Ø J	0.050	0.40
trans-1,3-Dichloropropene	0.060	U	0.052	0.40
1,1,2-Trichloroethane	0.16	U	0.074	0.40
Tetrachloroethene	0.32	J Ø	0.060	0.40

CMS 3/5/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0201FA**

Lab Sample ID: 280-64806-4
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_008.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	01/30/2015 0747			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0747			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.40	U	0.34	1.0
Dibromochloromethane	0.060	U	0.040	0.40
1,2-Dibromoethane	0.060	U	0.036	0.40
Chlorobenzene	0.060	U	0.036	0.40
Ethylbenzene	9.7	~~D~~ J	0.040	0.40
m,p-Xylene	22	~~D~~ J	0.050	1.0
Xylene, o-	3.4	~~D~~ J	0.036	0.40
Xylene (total)	25	J	0.082	0.40
Styrene	0.060	U	0.032	0.40
Bromoform	0.060	U	0.050	0.40
Cumene	0.060	U	0.038	0.40
1,1,2,2-Tetrachloroethane	0.16	U	0.068	0.40
n-Propylbenzene	0.060	U	0.054	0.40
4-Ethyltoluene	0.057	J~~D~~	0.040	0.40
1,3,5-Trimethylbenzene	0.060	U	0.038	0.40
2-Chlorotoluene	0.16	U	0.062	0.40
tert-Butylbenzene	0.060	U	0.040	0.40
1,2,4-Trimethylbenzene	0.045	J~~D~~	0.032	0.40
sec-Butylbenzene	0.060	U	0.042	0.40
4-Isopropyltoluene	0.060	U	0.040	0.40
1,3-Dichlorobenzene	0.060	U	0.040	0.40
1,4-Dichlorobenzene	0.060	U	0.038	0.40
Benzyl chloride	0.060	U	0.036	0.40
n-Butylbenzene	0.060	U	0.056	0.40
1,2-Dichlorobenzene	0.060	U	0.036	0.40
1,2,4-Trichlorobenzene	0.069	J~~D~~	0.068	1.0
Hexachlorobutadiene	0.16	U	0.072	0.40
Naphthalene	0.16	U	0.060	1.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7	J~~D~~	0.55	4.9
Freon 22	2.1	J~~D~~	0.57	3.5
1,2-Dichlorotetrafluoroethane	1.1	U	0.73	2.8
Chloromethane	0.83	U	0.25	2.1
n-Butane	2.2	J~~D~~	0.86	2.4
Vinyl chloride	0.15	U	0.13	1.0
1,3-Butadiene	0.35	U	0.16	0.88
Bromomethane	0.62	U	0.34	1.6
Chloroethane	0.42	U	0.32	2.6
Bromoethene(Vinyl Bromide)	0.26	U	0.17	1.7
Trichlorofluoromethane	5.3	~~D~~	0.51	2.2
Freon TF	0.85	J~~D~~	0.63	3.1
1,1-Dichloroethene	0.24	U	0.079	1.6
Acetone	37	~~D~~	3.3	24
Isopropyl alcohol	22	J~~D~~	0.74	25
Carbon disulfide	4.9	~~D~~	0.19	3.1

dlw
3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0201FA**

Lab Sample ID: 280-64806-4
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_008.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	01/30/2015 0747			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0747			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.3	U	1.0	3.1
Methylene Chloride	1.4	U	0.83	3.5
tert-Butyl alcohol	2.3	J Ø	0.73	30
Methyl tert-butyl ether	0.22	U	0.16	1.4
trans-1,2-Dichloroethene	0.24	U	0.21	1.6
n-Hexane	1.1	J Ø	0.20	1.4
1,1-Dichloroethane	0.24	U	0.23	1.6
Methyl Ethyl Ketone	8.8	Ø	0.54	2.9
cis-1,2-Dichloroethene	0.63	U	0.24	1.6
1,2-Dichloroethene, Total	0.63	U	0.42	1.6
Chloroform	0.42	J Ø	0.37	2.0
Tetrahydrofuran	170	Ø J	1.1	29
1,1,1-Trichloroethane	0.87	U	0.33	2.2
Cyclohexane	0.21	U	0.069	1.4
Carbon tetrachloride	0.87	J Ø	0.14	2.5
2,2,4-Trimethylpentane	0.70	J Ø	0.21	1.9
Benzene	7.2	Ø	0.19	1.3
1,2-Dichloroethane	0.65	U	0.42	1.6
n-Heptane	0.66	U	0.30	1.6
Trichloroethene	58	Ø J	0.32	2.1
Methyl methacrylate	1.6	U	0.79	4.1
1,2-Dichloropropane	0.74	U	0.32	1.8
1,4-Dioxane	1.6	J Ø	1.2	36
Bromodichloromethane	0.40	U	0.39	2.7
cis-1,3-Dichloropropene	0.27	U	0.26	1.8
methyl isobutyl ketone	1.6	U	1.5	4.1
Toluene	110	Ø J	0.19	1.5
trans-1,3-Dichloropropene	0.27	U	0.24	1.8
1,1,2-Trichloroethane	0.87	U	0.40	2.2
Tetrachloroethene	2.1	J Ø	0.41	2.7
Methyl Butyl Ketone (2-Hexanone)	1.6	U	1.4	4.1
Dibromochloromethane	0.51	U	0.34	3.4
1,2-Dibromoethane	0.46	U	0.28	3.1
Chlorobenzene	0.28	U	0.17	1.8
Ethylbenzene	42	Ø J	0.17	1.7
m,p-Xylene	96	Ø J	0.22	4.3
Xylene, o-	15	Ø J	0.16	1.7
Xylene (total)	110	J	0.36	1.7
Styrene	0.26	U	0.14	1.7
Bromoform	0.62	U	0.52	4.1
Cumene	0.29	U	0.19	2.0
1,1,2,2-Tetrachloroethane	1.1	U	0.47	2.7
n-Propylbenzene	0.29	U	0.27	2.0
4-Ethyltoluene	0.28	J Ø	0.20	2.0
1,3,5-Trimethylbenzene	0.29	U	0.19	2.0
2-Chlorotoluene	0.83	U	0.32	2.1

CWH 3/5/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101VMP0201FA**

Lab Sample ID: 280-64806-4
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_008.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	01/30/2015 0747			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0747			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.33	U	0.22	2.2
1,2,4-Trimethylbenzene	0.22	J B	0.16	2.0
sec-Butylbenzene	0.33	U	0.23	2.2
4-Isopropyltoluene	0.33	U	0.22	2.2
1,3-Dichlorobenzene	0.36	U	0.24	2.4
1,4-Dichlorobenzene	0.36	U	0.23	2.4
Benzyl chloride	0.31	U	0.19	2.1
n-Butylbenzene	0.33	U	0.31	2.2
1,2-Dichlorobenzene	0.36	U	0.22	2.4
1,2,4-Trichlorobenzene	0.51	J B	0.50	7.4
Hexachlorobutadiene	1.7	U	0.77	4.3
Naphthalene	0.84	U	0.31	5.2

CLL
3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101VMP0301FA

Lab Sample ID: 280-64806-5
Client Matrix: Air

Date Sampled: 01/21/2015 1125
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_009.d
Dilution:	49.7			Initial Weight/Volume:	46 mL
Analysis Date:	01/30/2015 0835			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0835			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	9.9	U	2.8	25
Freon 22	9.9	U	4.0	25
1,2-Dichlorotetrafluoroethane	4.0	U	2.6	9.9
Chloromethane	9.9	U	3.0	25
n-Butane	9.9	U	8.9	25
Vinyl chloride	1.5	U	1.3	9.9
1,3-Butadiene	4.0	U	1.8	9.9
Bromomethane	4.0	U	2.2	9.9
Chloroethane	4.0	U	3.0	25
Bromoethene(Vinyl Bromide)	1.5	U	0.99	9.9
Trichlorofluoromethane	4.0	U	2.2	9.9
Freon TF	4.0	U	2.0	9.9
1,1-Dichloroethene	1.5	U	0.50	9.9
Acetone	190	J	34	250
Isopropyl alcohol	16	J	7.5	250
Carbon disulfide	4.5	J	1.5	25
3-Chloropropene	9.9	U	8.0	25
Methylene Chloride	9.9	U	6.0	25
tert-Butyl alcohol	9.9	U	6.0	250
Methyl tert-butyl ether	1.5	U	1.1	9.9
trans-1,2-Dichloroethene	1.5	U	1.3	9.9
n-Hexane	1.5	U	1.4	9.9
1,1-Dichloroethane	1.5	U	1.4	9.9
Methyl Ethyl Ketone	210		4.6	25
cis-1,2-Dichloroethene	4.0	U	1.5	9.9
1,2-Dichloroethene, Total	4.0	U	2.6	9.9
Chloroform	4.0	U	1.9	9.9
Tetrahydrofuran	810		8.9	250
1,1,1-Trichloroethane	4.0	U	1.5	9.9
Cyclohexane	1.5	U	0.50	9.9
Carbon tetrachloride	1.5	U	0.55	9.9
2,2,4-Trimethylpentane	1.5	U	1.1	9.9
Benzene	1.5	U M	1.4	9.9
1,2-Dichloroethane	4.0	U	2.6	9.9
n-Heptane	4.0	U	1.8	9.9
Trichloroethene	3.7	J M	1.5	9.9
Methyl methacrylate	9.9	U	4.8	25
1,2-Dichloropropane	4.0	U	1.7	9.9
1,4-Dioxane	9.9	U	8.0	250
Bromodichloromethane	1.5	U	1.4	9.9
cis-1,3-Dichloropropene	1.5	U	1.4	9.9
methyl isobutyl ketone	74		8.9	25
Toluene	290		1.2	9.9
trans-1,3-Dichloropropene	1.5	U	1.3	9.9
1,1,2-Trichloroethane	4.0	U	1.8	9.9
Tetrachloroethene	1.6	J	1.5	9.9

CLL 3/19/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101VMP0301FA

Lab Sample ID: 280-64806-5
Client Matrix: Air

Date Sampled: 01/21/2015 1125
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_009.d
Dilution:	49.7			Initial Weight/Volume:	46 mL
Analysis Date:	01/30/2015 0835			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0835			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	9.9	U	8.4	25
Dibromochloromethane	1.5	U	0.99	9.9
1,2-Dibromoethane	1.5	U	0.89	9.9
Chlorobenzene	1.5	U	0.89	9.9
Ethylbenzene	4.4	J	0.99	9.9
m,p-Xylene	16	J	1.2	25
Xylene, o-	4.9	J	0.89	9.9
Xylene (total)	21		2.0	9.9
Styrene	1.9	J	0.80	9.9
Bromoform	1.5	U	1.2	9.9
Cumene	1.5	U	0.94	9.9
1,1,2,2-Tetrachloroethane	4.0	U	1.7	9.9
n-Propylbenzene	1.5	U	1.3	9.9
4-Ethyltoluene	1.5	U	0.99	9.9
1,3,5-Trimethylbenzene	1.5	U	0.94	9.9
2-Chlorotoluene	4.0	U	1.5	9.9
tert-Butylbenzene	1.5	U	0.99	9.9
1,2,4-Trimethylbenzene	1.5	U	0.80	9.9
sec-Butylbenzene	1.5	U	1.0	9.9
4-Isopropyltoluene	1.5	U	0.99	9.9
1,3-Dichlorobenzene	1.5	U	0.99	9.9
1,4-Dichlorobenzene	1.5	U	0.94	9.9
Benzyl chloride	1.5	U	0.89	9.9
n-Butylbenzene	1.5	U	1.4	9.9
1,2-Dichlorobenzene	1.5	U	0.89	9.9
1,2,4-Trichlorobenzene	4.0	U	1.7	25
Hexachlorobutadiene	4.0	U	1.8	9.9
Naphthalene	4.0	U	1.5	25

CMS 3/15/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	49	U	14	120
Freon 22	35	U	14	88
1,2-Dichlorotetrafluoroethane	28	U	18	69
Chloromethane	21	U	6.2	51
n-Butane	24	U	21	59
Vinyl chloride	3.8	U	3.3	25
1,3-Butadiene	8.8	U	4.0	22
Bromomethane	15	U	8.5	39
Chloroethane	10	U	8.0	66
Bromoethene(Vinyl Bromide)	6.5	U	4.3	43
Trichlorofluoromethane	22	U	13	56
Freon TF	30	U	16	76
1,1-Dichloroethene	5.9	U	2.0	39
Acetone	450	J	81	590
Isopropyl alcohol	40	J	18	610
Carbon disulfide	14	J	4.6	77

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101VMP0301FA

Lab Sample ID: 280-64806-5
Client Matrix: Air

Date Sampled: 01/21/2015 1125
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_009.d
Dilution:	49.7			Initial Weight/Volume:	46 mL
Analysis Date:	01/30/2015 0835			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0835			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	31	U	25	78
Methylene Chloride	35	U	21	86
tert-Butyl alcohol	30	U	18	750
Methyl tert-butyl ether	5.4	U	3.9	36
trans-1,2-Dichloroethene	5.9	U	5.3	39
n-Hexane	5.3	U	4.9	35
1,1-Dichloroethane	6.0	U	5.6	40
Methyl Ethyl Ketone	620	~~D~~	13	73
cis-1,2-Dichloroethene	16	U	5.9	39
1,2-Dichloroethene, Total	16	U	10	39
Chloroform	19	U	9.2	49
Tetrahydrofuran	2400	~~D~~	26	730
1,1,1-Trichloroethane	22	U	8.1	54
Cyclohexane	5.1	U	1.7	34
Carbon tetrachloride	9.4	U	3.4	63
2,2,4-Trimethylpentane	7.0	U	5.3	46
Benzene	4.8	U ~~M~~	4.6	32
1,2-Dichloroethane	16	U	10	40
n-Heptane	16	U	7.5	41
Trichloroethene	20	J ~~D M~~	8.0	53
Methyl methacrylate	41	U	20	100
1,2-Dichloropropane	18	U	8.0	46
1,4-Dioxane	36	U	29	900
Bromodichloromethane	10	U	9.7	67
cis-1,3-Dichloropropene	6.8	U	6.5	45
methyl isobutyl ketone	300	~~D~~	37	100
Toluene	1100	~~D~~	4.7	37
trans-1,3-Dichloropropene	6.8	U	5.9	45
1,1,2-Trichloroethane	22	U	10	54
Tetrachloroethene	11	J ~~D~~	10	67
Methyl Butyl Ketone (2-Hexanone)	41	U	35	100
Dibromochloromethane	13	U	8.5	85
1,2-Dibromoethane	11	U	6.9	76
Chlorobenzene	6.9	U	4.1	46
Ethylbenzene	19	J ~~D~~	4.3	43
m,p-Xylene	68	J ~~D~~	5.4	110
Xylene, o-	21	J ~~D~~	3.9	43
Xylene (total)	91		8.8	43
Styrene	8.1	J ~~D M~~	3.4	42
Bromoform	15	U	13	100
Cumene	7.3	U	4.6	49
1,1,2,2-Tetrachloroethane	27	U	12	68
n-Propylbenzene	7.3	U	6.6	49
4-Ethyltoluene	7.3	U	4.9	49
1,3,5-Trimethylbenzene	7.3	U	4.6	49
2-Chlorotoluene	21	U	8.0	51

CHW 3/13/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101VMP0301FA

Lab Sample ID: 280-64806-5
Client Matrix: Air

Date Sampled: 01/21/2015 1125
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_009.d
Dilution:	49.7			Initial Weight/Volume:	46 mL
Analysis Date:	01/30/2015 0835			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0835			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	8.2	U	5.5	55
1,2,4-Trimethylbenzene	7.3	U	3.9	49
sec-Butylbenzene	8.2	U	5.7	55
4-Isopropyltoluene	8.2	U	5.5	55
1,3-Dichlorobenzene	9.0	U	6.0	60
1,4-Dichlorobenzene	9.0	U	5.7	60
Benzyl chloride	7.7	U	4.6	51
n-Butylbenzene	8.2	U	7.6	55
1,2-Dichlorobenzene	9.0	U	5.4	60
1,2,4-Trichlorobenzene	30	U	13	180
Hexachlorobutadiene	42	U	19	110
Naphthalene	21	U	7.8	130

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101VMP0201FC

Lab Sample ID: 280-64806-6
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_010.d
Dilution:	3.03			Initial Weight/Volume:	66 mL
Analysis Date:	01/30/2015 0923			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0923			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.62	J Ø	0.17	1.5
Freon 22	0.67	J Ø	0.24	1.5
1,2-Dichlorotetrafluoroethane	0.24	U	0.16	0.61
Chloromethane	0.61	U	0.18	1.5
n-Butane	0.73	J Ø	0.55	1.5
Vinyl chloride	0.091	U	0.079	0.61
1,3-Butadiene	0.24	U	0.11	0.61
Bromomethane	0.24	U	0.13	0.61
Chloroethane	0.24	U	0.18	1.5
Bromoethene(Vinyl Bromide)	0.091	U	0.061	0.61
Trichlorofluoromethane	1.0	Ø	0.14	0.61
Freon TF	0.24	U	0.12	0.61
1,1-Dichloroethene	0.091	U	0.030	0.61
Acetone	19	Ø	2.1	15
Isopropyl alcohol	8.6	J Ø	0.45	15
Carbon disulfide	3.5	Ø	0.091	1.5
3-Chloropropene	0.61	U	0.48	1.5
Methylene Chloride	0.45	J Ø M	0.36	1.5
tert-Butyl alcohol	0.92	J Ø	0.36	15
Methyl tert-butyl ether	0.091	U	0.067	0.61
trans-1,2-Dichloroethene	0.091	U	0.082	0.61
n-Hexane	0.27	J Ø	0.085	0.61
1,1-Dichloroethane	0.091	U	0.085	0.61
Methyl Ethyl Ketone	4.2	Ø	0.28	1.5
cis-1,2-Dichloroethene	0.24	U	0.091	0.61
1,2-Dichloroethene, Total	0.24	U	0.16	0.61
Chloroform	0.13	J Ø	0.12	0.61
Tetrahydrofuran	99	Ø J	0.55	15
1,1,1-Trichloroethane	0.24	U	0.091	0.61
Cyclohexane	0.091	U	0.030	0.61
Carbon tetrachloride	0.16	J Ø	0.033	0.61
2,2,4-Trimethylpentane	0.15	J Ø	0.070	0.61
Benzene	2.7	Ø	0.088	0.61
1,2-Dichloroethane	0.24	U	0.16	0.61
n-Heptane	0.47	J Ø M	0.11	0.61
Trichloroethene	16	Ø J	0.091	0.61
Methyl methacrylate	0.61	U	0.29	1.5
1,2-Dichloropropane	0.24	U	0.11	0.61
1,4-Dioxane	0.61	U	0.48	15
Bromodichloromethane	0.091	U	0.088	0.61
cis-1,3-Dichloropropene	0.091	U	0.088	0.61
methyl isobutyl ketone	0.61	U	0.55	1.5
Toluene	58	Ø J	0.076	0.61
trans-1,3-Dichloropropene	0.091	U	0.079	0.61
1,1,2-Trichloroethane	0.24	U	0.11	0.61
Tetrachloroethene	0.52	J Ø	0.091	0.61

CMH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101VMP0201FC

Lab Sample ID: 280-64806-6
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_010.d
Dilution:	3.03			Initial Weight/Volume:	66 mL
Analysis Date:	01/30/2015 0923			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0923			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.61	U	0.52	1.5
Dibromochloromethane	0.091	U	0.061	0.61
1,2-Dibromoethane	0.091	U	0.055	0.61
Chlorobenzene	0.091	U	0.055	0.61
Ethylbenzene	38	~~D~~ J	0.061	0.61
m,p-Xylene	130	~~D~~ J	0.076	1.5
Xylene, o-	28	~~D~~ J	0.055	0.61
Xylene (total)	160	J	0.12	0.61
Styrene	0.091	U	0.048	0.61
Bromoform	0.091	U	0.076	0.61
Cumene	0.27	J ~~D~~ ~~M~~	0.058	0.61
1,1,2,2-Tetrachloroethane	0.24	U	0.10	0.61
n-Propylbenzene	0.091	U	0.082	0.61
4-Ethyltoluene	0.27	J ~~D~~	0.061	0.61
1,3,5-Trimethylbenzene	0.30	J ~~D~~	0.058	0.61
2-Chlorotoluene	0.24	U	0.094	0.61
tert-Butylbenzene	0.091	U	0.061	0.61
1,2,4-Trimethylbenzene	0.55	J ~~D~~	0.048	0.61
sec-Butylbenzene	0.091	U	0.064	0.61
4-Isopropyltoluene	0.091	U	0.061	0.61
1,3-Dichlorobenzene	0.091	U	0.061	0.61
1,4-Dichlorobenzene	0.091	U	0.058	0.61
Benzyl chloride	0.091	U	0.055	0.61
n-Butylbenzene	0.091	U	0.085	0.61
1,2-Dichlorobenzene	0.091	U	0.055	0.61
1,2,4-Trichlorobenzene	0.24	U	0.10	1.5
Hexachlorobutadiene	0.24	U	0.11	0.61
Naphthalene	0.24	U	0.091	1.5

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.1	J ~~D~~	0.84	7.5
Freon 22	2.4	J ~~D~~	0.86	5.4
1,2-Dichlorotetrafluoroethane	1.7	U	1.1	4.2
Chloromethane	1.3	U	0.38	3.1
n-Butane	1.7	J ~~D~~	1.3	3.6
Vinyl chloride	0.23	U	0.20	1.5
1,3-Butadiene	0.54	U	0.24	1.3
Bromomethane	0.94	U	0.52	2.4
Chloroethane	0.64	U	0.49	4.0
Bromoethene(Vinyl Bromide)	0.40	U	0.27	2.7
Trichlorofluoromethane	5.9	~~D~~	0.77	3.4
Freon TF	1.9	U	0.95	4.6
1,1-Dichloroethene	0.36	U	0.12	2.4
Acetone	45	~~D~~	5.0	36
Isopropyl alcohol	21	J ~~D~~	1.1	37
Carbon disulfide	11	~~D~~	0.28	4.7

dlt 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101VMP0201FC

Lab Sample ID: 280-64806-6
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_010.d
Dilution:	3.03			Initial Weight/Volume:	66 mL
Analysis Date:	01/30/2015 0923			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0923			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.9	U	1.5	4.7
Methylene Chloride	1.5	J B M	1.3	5.3
tert-Butyl alcohol	2.8	J B	1.1	46
Methyl tert-butyl ether	0.33	U	0.24	2.2
trans-1,2-Dichloroethene	0.36	U	0.32	2.4
n-Hexane	0.94	J B	0.30	2.1
1,1-Dichloroethane	0.37	U	0.34	2.5
Methyl Ethyl Ketone	13	B	0.82	4.5
cis-1,2-Dichloroethene	0.96	U	0.36	2.4
1,2-Dichloroethene, Total	0.96	U	0.64	2.4
Chloroform	0.63	J B	0.56	3.0
Tetrahydrofuran	290	B J	1.6	45
1,1,1-Trichloroethane	1.3	U	0.50	3.3
Cyclohexane	0.31	U	0.10	2.1
Carbon tetrachloride	1.0	J B	0.21	3.8
2,2,4-Trimethylpentane	0.69	J B	0.33	2.8
Benzene	8.6	B	0.28	1.9
1,2-Dichloroethane	0.98	U	0.64	2.5
n-Heptane	1.9	J B M	0.46	2.5
Trichloroethene	87	B J	0.49	3.3
Methyl methacrylate	2.5	U	1.2	6.2
1,2-Dichloropropane	1.1	U	0.49	2.8
1,4-Dioxane	2.2	U	1.7	55
Bromodichloromethane	0.61	U	0.59	4.1
cis-1,3-Dichloropropene	0.41	U	0.40	2.8
methyl isobutyl ketone	2.5	U	2.2	6.2
Toluene	220	B J	0.29	2.3
trans-1,3-Dichloropropene	0.41	U	0.36	2.8
1,1,2-Trichloroethane	1.3	U	0.61	3.3
Tetrachloroethene	3.5	J B	0.62	4.1
Methyl Butyl Ketone (2-Hexanone)	2.5	U	2.1	6.2
Dibromochloromethane	0.77	U	0.52	5.2
1,2-Dibromoethane	0.70	U	0.42	4.7
Chlorobenzene	0.42	U	0.25	2.8
Ethylbenzene	170	B J	0.26	2.6
m,p-Xylene	560	B J	0.33	6.6
Xylene, o-	120	B J	0.24	2.6
Xylene (total)	690	J	0.54	2.6
Styrene	0.39	U	0.21	2.6
Bromoform	0.94	U	0.78	6.3
Cumene	1.3	J B M	0.28	3.0
1,1,2,2-Tetrachloroethane	1.7	U	0.71	4.2
n-Propylbenzene	0.45	U	0.40	3.0
4-Ethyltoluene	1.3	J B	0.30	3.0
1,3,5-Trimethylbenzene	1.5	J B	0.28	3.0
2-Chlorotoluene	1.3	U	0.49	3.1

3/13/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101VMP0201FC

Lab Sample ID: 280-64806-6
Client Matrix: Air

Date Sampled: 01/21/2015 1135
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_010.d
Dilution:	3.03			Initial Weight/Volume:	66 mL
Analysis Date:	01/30/2015 0923			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0923			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.50	U	0.33	3.3
1,2,4-Trimethylbenzene	2.7	J B	0.24	3.0
sec-Butylbenzene	0.50	U	0.35	3.3
4-Isopropyltoluene	0.50	U	0.33	3.3
1,3-Dichlorobenzene	0.55	U	0.36	3.6
1,4-Dichlorobenzene	0.55	U	0.35	3.6
Benzyl chloride	0.47	U	0.28	3.1
n-Butylbenzene	0.50	U	0.47	3.3
1,2-Dichlorobenzene	0.55	U	0.33	3.6
1,2,4-Trichlorobenzene	1.8	U	0.76	11
Hexachlorobutadiene	2.6	U	1.2	6.5
Naphthalene	1.3	U	0.48	7.9

CLK
3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101IA0305FA

Lab Sample ID: 280-64806-7
Client Matrix: Air

Date Sampled: 01/21/2015 1105
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-028.D
Dilution:	14.9			Initial Weight/Volume:	47 mL
Analysis Date:	01/29/2015 0858			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0858			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0	U	0.83	7.5
Freon 22	3.0	U	1.2	7.5
1,2-Dichlorotetrafluoroethane	1.2	U	0.77	3.0
Chloromethane	3.0	U	0.89	7.5
n-Butane	12	~~D~~	2.7	7.5
Vinyl chloride	0.45	U	0.39	3.0
1,3-Butadiene	1.2	U	0.54	3.0
Bromomethane	1.2	U	0.66	3.0
Chloroethane	1.2	U	0.91	7.5
Bromoethene(Vinyl Bromide)	0.45	U	0.30	3.0
Trichlorofluoromethane	1.2	U	0.67	3.0
Freon TF	1.2	U	0.61	3.0
1,1-Dichloroethene	0.45	U	0.15	3.0
Acetone	410	~~D~~	10	75
Isopropyl alcohol	140	~~D~~	2.2	75
Carbon disulfide	1.2	U	0.45	7.5
3-Chloropropene	3.0	U	2.4	7.5
Methylene Chloride	3.1	J ~~D~~	1.8	7.5
tert-Butyl alcohol	3.0	U	1.8	75
Methyl tert-butyl ether	0.45	U	0.33	3.0
trans-1,2-Dichloroethene	0.45	U	0.40	3.0
n-Hexane	0.45	U	0.42	3.0
1,1-Dichloroethane	0.45	U	0.42	3.0
Methyl Ethyl Ketone	3.0	U	1.4	7.5
cis-1,2-Dichloroethene	1.2	U	0.45	3.0
1,2-Dichloroethene, Total	1.2	U	0.79	3.0
Chloroform	1.2	U	0.57	3.0
Tetrahydrofuran	3.0	U	2.7	75
1,1,1-Trichloroethane	1.2	U	0.45	3.0
Cyclohexane	0.45	U	0.15	3.0
Carbon tetrachloride	0.45	U	0.16	3.0
2,2,4-Trimethylpentane	0.45	U	0.34	3.0
Benzene	0.61	J ~~D~~	0.43	3.0
1,2-Dichloroethane	1.2	U	0.77	3.0
n-Heptane	1.2	U	0.55	3.0
Trichloroethene	0.45	U	0.45	3.0
Methyl methacrylate	3.0	U	1.4	7.5
1,2-Dichloropropane	1.2	U	0.52	3.0
1,4-Dioxane	3.0	U	2.4	75
Bromodichloromethane	0.45	U	0.43	3.0
cis-1,3-Dichloropropene	0.45	U	0.43	3.0
methyl isobutyl ketone	3.0	U	2.7	7.5
Toluene	13	~~D~~	0.37	3.0
trans-1,3-Dichloropropene	0.45	U	0.39	3.0
1,1,2-Trichloroethane	1.2	U	0.55	3.0
Tetrachloroethene	0.45	U	0.45	3.0

CLH 3/5/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101IA0305FA

Lab Sample ID: 280-64806-7
Client Matrix: Air

Date Sampled: 01/21/2015 1105
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-028.D
Dilution:	14.9			Initial Weight/Volume:	47 mL
Analysis Date:	01/29/2015 0858			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0858			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	3.0	U	2.5	7.5
Dibromochloromethane	0.45	U	0.30	3.0
1,2-Dibromoethane	0.45	U	0.27	3.0
Chlorobenzene	0.45	U	0.27	3.0
Ethylbenzene	0.62	J	0.30	3.0
m,p-Xylene	1.9	J	0.37	7.5
Xylene, o-	0.61	J	0.27	3.0
Xylene (total)	2.5	J	0.61	3.0
Styrene	0.45	U	0.24	3.0
Bromoform	0.45	U	0.37	3.0
Cumene	0.45	U	0.28	3.0
1,1,2,2-Tetrachloroethane	1.2	U	0.51	3.0
n-Propylbenzene	0.45	U	0.40	3.0
4-Ethyltoluene	0.45	U	0.30	3.0
1,3,5-Trimethylbenzene	0.45	U	0.28	3.0
2-Chlorotoluene	1.2	U	0.46	3.0
tert-Butylbenzene	0.45	U	0.30	3.0
1,2,4-Trimethylbenzene	0.87	J	0.24	3.0
sec-Butylbenzene	0.45	U	0.31	3.0
4-Isopropyltoluene	0.45	U	0.30	3.0
1,3-Dichlorobenzene	0.45	U	0.30	3.0
1,4-Dichlorobenzene	0.45	U	0.28	3.0
Benzyl chloride	0.45	U	0.27	3.0
n-Butylbenzene	0.45	U	0.42	3.0
1,2-Dichlorobenzene	0.45	U	0.27	3.0
1,2,4-Trichlorobenzene	1.2	U	0.51	7.5
Hexachlorobutadiene	1.2	U	0.54	3.0
Naphthalene	1.2	U	0.45	7.5

CMS 3/15/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	15	U	4.1	37
Freon 22	11	U	4.2	26
1,2-Dichlorotetrafluoroethane	8.3	U	5.4	21
Chloromethane	6.2	U	1.8	15
n-Butane	28		6.4	18
Vinyl chloride	1.1	U	0.99	7.6
1,3-Butadiene	2.6	U	1.2	6.6
Bromomethane	4.6	U	2.5	12
Chloroethane	3.1	U	2.4	20
Bromoethene(Vinyl Bromide)	2.0	U	1.3	13
Trichlorofluoromethane	6.7	U	3.8	17
Freon TF	9.1	U	4.7	23
1,1-Dichloroethene	1.8	U	0.59	12
Acetone	970		24	180
Isopropyl alcohol	350		5.5	180
Carbon disulfide	3.7	U	1.4	23

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101IA0305FA

Lab Sample ID: 280-64806-7
Client Matrix: Air

Date Sampled: 01/21/2015 1105
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-028.D
Dilution:	14.9			Initial Weight/Volume:	47 mL
Analysis Date:	01/29/2015 0858			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0858			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	9.3	U	7.5	23
Methylene Chloride	11	J Ø	6.2	26
tert-Butyl alcohol	9.0	U	5.4	230
Methyl tert-butyl ether	1.6	U	1.2	11
trans-1,2-Dichloroethene	1.8	U	1.6	12
n-Hexane	1.6	U	1.5	11
1,1-Dichloroethane	1.8	U	1.7	12
Methyl Ethyl Ketone	8.8	U	4.0	22
cis-1,2-Dichloroethene	4.7	U	1.8	12
1,2-Dichloroethene, Total	4.7	U	3.1	12
Chloroform	5.8	U	2.8	15
Tetrahydrofuran	8.8	U	7.9	220
1,1,1-Trichloroethane	6.5	U	2.4	16
Cyclohexane	1.5	U	0.51	10
Carbon tetrachloride	2.8	U	1.0	19
2,2,4-Trimethylpentane	2.1	U	1.6	14
Benzene	2.0	J Ø	1.4	9.5
1,2-Dichloroethane	4.8	U	3.1	12
n-Heptane	4.9	U	2.3	12
Trichloroethene	2.4	U	2.4	16
Methyl methacrylate	12	U	5.9	31
1,2-Dichloropropane	5.5	U	2.4	14
1,4-Dioxane	11	U	8.6	270
Bromodichloromethane	3.0	U	2.9	20
cis-1,3-Dichloropropene	2.0	U	2.0	14
methyl isobutyl ketone	12	U	11	31
Toluene	48	Ø	1.4	11
trans-1,3-Dichloropropene	2.0	U	1.8	14
1,1,2-Trichloroethane	6.5	U	3.0	16
Tetrachloroethene	3.0	U	3.0	20
Methyl Butyl Ketone (2-Hexanone)	12	U	10	31
Dibromochloromethane	3.8	U	2.5	25
1,2-Dibromoethane	3.4	U	2.1	23
Chlorobenzene	2.1	U	1.2	14
Ethylbenzene	2.7	J Ø	1.3	13
m,p-Xylene	8.0	J Ø	1.6	32
Xylene, o-	2.6	J Ø	1.2	13
Xylene (total)	11	J	2.7	13
Styrene	1.9	U	1.0	13
Bromoform	4.6	U	3.9	31
Cumene	2.2	U	1.4	15
1,1,2,2-Tetrachloroethane	8.2	U	3.5	20
n-Propylbenzene	2.2	U	2.0	15
4-Ethyltoluene	2.2	U	1.5	15
1,3,5-Trimethylbenzene	2.2	U	1.4	15
2-Chlorotoluene	6.2	U	2.4	15

LM 3/4/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101IA0305FA**

Lab Sample ID: 280-64806-7
Client Matrix: Air

Date Sampled: 01/21/2015 1105
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-028.D
Dilution:	14.9			Initial Weight/Volume:	47 mL
Analysis Date:	01/29/2015 0858			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0858			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	2.5	U	1.6	16
1,2,4-Trimethylbenzene	4.3	J	1.2	15
sec-Butylbenzene	2.5	U	1.7	16
4-Isopropyltoluene	2.5	U	1.6	16
1,3-Dichlorobenzene	2.7	U	1.8	18
1,4-Dichlorobenzene	2.7	U	1.7	18
Benzyl chloride	2.3	U	1.4	15
n-Butylbenzene	2.5	U	2.3	16
1,2-Dichlorobenzene	2.7	U	1.6	18
1,2,4-Trichlorobenzene	8.8	U	3.8	55
Hexachlorobutadiene	13	U	5.7	32
Naphthalene	6.2	U	2.3	39

CLK
3/10/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101IA0405FA

Lab Sample ID: 280-64806-8
Client Matrix: Air

Date Sampled: 01/21/2015 1110
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-029.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	01/29/2015 0942			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0942			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54	J	0.14	1.3
Freon 22	0.30	J	0.20	1.3
1,2-Dichlorotetrafluoroethane	0.20	U	0.13	0.50
Chloromethane	0.50	U	0.15	1.3
n-Butane	2.0		0.45	1.3
Vinyl chloride	0.075	U	0.065	0.50
1,3-Butadiene	0.20	U	0.090	0.50
Bromomethane	0.20	U	0.11	0.50
Chloroethane	0.20	U	0.15	1.3
Bromoethene(Vinyl Bromide)	0.075	U	0.050	0.50
Trichlorofluoromethane	0.40	J	0.11	0.50
Freon TF	0.20	U	0.10	0.50
1,1-Dichloroethene	0.075	U	0.025	0.50
Acetone	60		1.7	13
Isopropyl alcohol	18		0.38	13
Carbon disulfide	0.20	U	0.075	1.3
3-Chloropropene	0.50	U	0.40	1.3
Methylene Chloride	0.53	J	0.30	1.3
tert-Butyl alcohol	0.50	U	0.30	13
Methyl tert-butyl ether	0.075	U	0.055	0.50
trans-1,2-Dichloroethene	0.075	U	0.068	0.50
n-Hexane	0.075	U	0.070	0.50
1,1-Dichloroethane	0.075	U	0.070	0.50
Methyl Ethyl Ketone	1.8		0.23	1.3
cis-1,2-Dichloroethene	0.20	U	0.075	0.50
1,2-Dichloroethene, Total	0.20	U	0.13	0.50
Chloroform	0.20	U	0.095	0.50
Tetrahydrofuran	0.50	U	0.45	13
1,1,1-Trichloroethane	0.20	U	0.075	0.50
Cyclohexane	0.075	U	0.025	0.50
Carbon tetrachloride	0.074	J	0.028	0.50
2,2,4-Trimethylpentane	0.075	U	0.058	0.50
Benzene	0.25	J	0.073	0.50
1,2-Dichloroethane	0.20	U	0.13	0.50
n-Heptane	0.20	U	0.093	0.50
Trichloroethene	0.075	U	0.075	0.50
Methyl methacrylate	0.50	U	0.24	1.3
1,2-Dichloropropane	0.20	U	0.088	0.50
1,4-Dioxane	0.50	U	0.40	13
Bromodichloromethane	0.075	U	0.073	0.50
cis-1,3-Dichloropropene	0.075	U	0.073	0.50
methyl isobutyl ketone	0.50	U	0.45	1.3
Toluene	1.8		0.063	0.50
trans-1,3-Dichloropropene	0.075	U	0.065	0.50
1,1,2-Trichloroethane	0.20	U	0.093	0.50
Tetrachloroethene	0.075	U	0.075	0.50

CLH 3/5/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101IA0405FA

Lab Sample ID: 280-64806-8
Client Matrix: Air

Date Sampled: 01/21/2015 1110
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-029.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	01/29/2015 0942			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0942			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.43	1.3
Dibromochloromethane	0.075	U	0.050	0.50
1,2-Dibromoethane	0.075	U	0.045	0.50
Chlorobenzene	0.075	U	0.045	0.50
Ethylbenzene	0.11	J D	0.050	0.50
m,p-Xylene	0.36	J D M	0.063	1.3
Xylene, o-	0.15	J D	0.045	0.50
Xylene (total)	0.51		0.10	0.50
Styrene	0.075	U	0.040	0.50
Bromoform	0.075	U	0.063	0.50
Cumene	0.075	U	0.048	0.50
1,1,2,2-Tetrachloroethane	0.20	U	0.085	0.50
n-Propylbenzene	0.075	U	0.068	0.50
4-Ethyltoluene	0.075	U	0.050	0.50
1,3,5-Trimethylbenzene	0.075	U	0.048	0.50
2-Chlorotoluene	0.20	U	0.078	0.50
tert-Butylbenzene	0.075	U	0.050	0.50
1,2,4-Trimethylbenzene	0.13	J D	0.040	0.50
sec-Butylbenzene	0.075	U	0.053	0.50
4-Isopropyltoluene	0.075	U	0.050	0.50
1,3-Dichlorobenzene	0.075	U	0.050	0.50
1,4-Dichlorobenzene	0.075	U	0.048	0.50
Benzyl chloride	0.075	U	0.045	0.50
n-Butylbenzene	0.075	U	0.070	0.50
1,2-Dichlorobenzene	0.075	U	0.045	0.50
1,2,4-Trichlorobenzene	0.20	U	0.085	1.3
Hexachlorobutadiene	0.20	U	0.090	0.50
Naphthalene	0.20	U	0.075	1.3

CLA 3/15/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7	J D	0.69	6.2
Freon 22	1.1	J D	0.71	4.4
1,2-Dichlorotetrafluoroethane	1.4	U	0.91	3.5
Chloromethane	1.0	U	0.31	2.6
n-Butane	4.7	D	1.1	3.0
Vinyl chloride	0.19	U	0.17	1.3
1,3-Butadiene	0.44	U	0.20	1.1
Bromomethane	0.78	U	0.43	1.9
Chloroethane	0.53	U	0.40	3.3
Bromoethene(Vinyl Bromide)	0.33	U	0.22	2.2
Trichlorofluoromethane	2.2	J D	0.63	2.8
Freon TF	1.5	U	0.79	3.8
1,1-Dichloroethene	0.30	U	0.099	2.0
Acetone	140	D	4.1	30
Isopropyl alcohol	44	D	0.92	31
Carbon disulfide	0.62	U	0.23	3.9

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101IA0405FA

Lab Sample ID: 280-64806-8
Client Matrix: Air

Date Sampled: 01/21/2015 1110
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-029.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	01/29/2015 0942			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0942			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.6	U	1.3	3.9
Methylene Chloride	1.8	J Ø	1.0	4.3
tert-Butyl alcohol	1.5	U	0.91	38
Methyl tert-butyl ether	0.27	U	0.20	1.8
trans-1,2-Dichloroethene	0.30	U	0.27	2.0
n-Hexane	0.26	U	0.25	1.8
1,1-Dichloroethane	0.30	U	0.28	2.0
Methyl Ethyl Ketone	5.2	Ø	0.68	3.7
cis-1,2-Dichloroethene	0.79	U	0.30	2.0
1,2-Dichloroethene, Total	0.79	U	0.53	2.0
Chloroform	0.98	U	0.46	2.4
Tetrahydrofuran	1.5	U	1.3	37
1,1,1-Trichloroethane	1.1	U	0.41	2.7
Cyclohexane	0.26	U	0.086	1.7
Carbon tetrachloride	0.47	J Ø	0.17	3.1
2,2,4-Trimethylpentane	0.35	U	0.27	2.3
Benzene	0.79	J Ø	0.23	1.6
1,2-Dichloroethane	0.81	U	0.53	2.0
n-Heptane	0.82	U	0.38	2.0
Trichloroethene	0.40	U	0.40	2.7
Methyl methacrylate	2.0	U	0.98	5.1
1,2-Dichloropropane	0.92	U	0.40	2.3
1,4-Dioxane	1.8	U	1.4	45
Bromodichloromethane	0.50	U	0.49	3.4
cis-1,3-Dichloropropene	0.34	U	0.33	2.3
methyl isobutyl ketone	2.0	U	1.8	5.1
Toluene	6.7	Ø	0.24	1.9
trans-1,3-Dichloropropene	0.34	U	0.30	2.3
1,1,2-Trichloroethane	1.1	U	0.50	2.7
Tetrachloroethene	0.51	U	0.51	3.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	1.7	5.1
Dibromochloromethane	0.64	U	0.43	4.3
1,2-Dibromoethane	0.58	U	0.35	3.8
Chlorobenzene	0.35	U	0.21	2.3
Ethylbenzene	0.49	J Ø	0.22	2.2
m,p-Xylene	1.6	J Ø M	0.27	5.4
Xylene, o-	0.64	J Ø	0.20	2.2
Xylene (total)	2.2		0.45	2.2
Styrene	0.32	U	0.17	2.1
Bromoform	0.78	U	0.65	5.2
Cumene	0.37	U	0.23	2.5
1,1,2,2-Tetrachloroethane	1.4	U	0.58	3.4
n-Propylbenzene	0.37	U	0.33	2.5
4-Ethyltoluene	0.37	U	0.25	2.5
1,3,5-Trimethylbenzene	0.37	U	0.23	2.5
2-Chlorotoluene	1.0	U	0.40	2.6

CWH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **101IA0405FA**

Lab Sample ID: 280-64806-8
Client Matrix: Air

Date Sampled: 01/21/2015 1110
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-029.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	01/29/2015 0942			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0942			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.41	U	0.27	2.7
1,2,4-Trimethylbenzene	0.66	J ~~D~~	0.20	2.5
sec-Butylbenzene	0.41	U	0.29	2.7
4-Isopropyltoluene	0.41	U	0.27	2.7
1,3-Dichlorobenzene	0.45	U	0.30	3.0
1,4-Dichlorobenzene	0.45	U	0.29	3.0
Benzyl chloride	0.39	U	0.23	2.6
n-Butylbenzene	0.41	U	0.38	2.7
1,2-Dichlorobenzene	0.45	U	0.27	3.0
1,2,4-Trichlorobenzene	1.5	U	0.63	9.3
Hexachlorobutadiene	2.1	U	0.96	5.3
Naphthalene	1.0	U	0.39	6.6

CLH
3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101OA0305FA

Lab Sample ID: 280-64806-9
Client Matrix: Air

Date Sampled: 01/21/2015 1115
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-023.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0243			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0243			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.056	0.50
Freon 22	0.25	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.53		0.060	0.50
n-Butane	0.78		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.22		0.045	0.20
Freon TF	0.060	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	5.2		0.69	5.0
Isopropyl alcohol	0.50	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.29	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.070	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.21		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.32		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101OA0305FA

Lab Sample ID: 280-64806-9
Client Matrix: Air

Date Sampled: 01/21/2015 1115
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-023.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0243			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0243			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.032	J	0.020	0.20
m,p-Xylene	0.090	J	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	0.87	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.1		0.12	1.0
n-Butane	1.8		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3		0.25	1.1
Freon TF	0.46	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	12		1.6	12
Isopropyl alcohol	1.2	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101OA0305FA

Lab Sample ID: 280-64806-9
Client Matrix: Air

Date Sampled: 01/21/2015 1115
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-023.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0243			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0243			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.99	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.44	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.66		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	1.2		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.14	J	0.087	0.87
m,p-Xylene	0.39	J	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101OA0305FA

Lab Sample ID: 280-64806-9
Client Matrix: Air

Date Sampled: 01/21/2015 1115
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-023.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0243			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0243			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101CA01FA

Lab Sample ID: 280-64806-10
Client Matrix: Air

Date Sampled: 01/20/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1013			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1013			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.76		0.056	0.50
Freon 22	0.56		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.36	J	0.060	0.50
n-Butane	1.3		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.065	J	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.79		0.045	0.20
Freon TF	0.14	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	29		0.69	5.0
Isopropyl alcohol	6.4		0.15	5.0
Carbon disulfide	3.6		0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.18	J	0.12	0.50
tert-Butyl alcohol	0.40	J	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.089	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	1.4		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	19		0.038	0.20
Tetrahydrofuran	0.25	J	0.18	5.0
1,1,1-Trichloroethane	0.31		0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.41		0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.13	J	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	9.0		0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.17	J	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.21	J	0.18	0.50
Toluene	0.89		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	1.5		0.030	0.20

CWH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101CA01FA

Lab Sample ID: 280-64806-10
Client Matrix: Air

Date Sampled: 01/20/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1013			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1013			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.085	J	0.020	0.20
m,p-Xylene	0.31	J	0.025	0.50
Xylene, o-	0.12	J	0.018	0.20
Xylene (total)	0.43		0.041	0.20
Styrene	0.069	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.20		0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.11	J	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.21	J	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.7		0.28	2.5
Freon 22	2.0		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.74	J	0.12	1.0
n-Butane	3.2		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.17	J	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	4.4		0.25	1.1
Freon TF	1.1	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	68		1.6	12
Isopropyl alcohol	16		0.37	12
Carbon disulfide	11		0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101CA01FA

Lab Sample ID: 280-64806-10
Client Matrix: Air

Date Sampled: 01/20/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1013			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1013			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.61	J	0.42	1.7
tert-Butyl alcohol	1.2	J	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.31	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	4.0		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	95		0.19	0.98
Tetrahydrofuran	0.73	J	0.53	15
1,1,1-Trichloroethane	1.7		0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	2.6		0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.41	J M	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	48		0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	1.2	J	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.84	J	0.74	2.0
Toluene	3.3		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	10		0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.37	J	0.087	0.87
m,p-Xylene	1.3	J	0.11	2.2
Xylene, o-	0.51	J	0.078	0.87
Xylene (total)	1.9		0.18	0.87
Styrene	0.29	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

CLH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 101CA01FA

Lab Sample ID: 280-64806-10
Client Matrix: Air

Date Sampled: 01/20/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83982	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11878_011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1013			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1013			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.97		0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.58	J	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	1.1	J	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0101MA**

Lab Sample ID: 280-64806-11
Client Matrix: Air

Date Sampled: 01/22/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_07.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1354			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1354			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.51		0.056	0.50
Freon 22	1.4		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.61		0.060	0.50
n-Butane	0.80		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.29		0.045	0.20
Freon TF	0.13	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	27		0.69	5.0
Isopropyl alcohol	5.4		0.15	5.0
Carbon disulfide	0.29	J	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.36	J	0.12	0.50
tert-Butyl alcohol	0.32	J	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.14	J M	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	2.5		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.25	J	0.18	5.0
1,1,1-Trichloroethane	0.037	J	0.030	0.20
Cyclohexane	0.31		0.010	0.20
Carbon tetrachloride	0.090	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.28		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.11	J M	0.037	0.20
Trichloroethene	0.13	J	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.29	J	0.18	0.50
Toluene	0.27		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CMH 3/19/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0101MA**

Lab Sample ID: 280-64806-11
Client Matrix: Air

Date Sampled: 01/22/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_07.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1354			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1354			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.30	J	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.057	J	0.020	0.20
m,p-Xylene	0.13	J	0.025	0.50
Xylene, o-	0.063	J	0.018	0.20
Xylene (total)	0.19	J	0.041	0.20
Styrene	0.029	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.029	J M	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.071	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.028	J	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.037	J	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

CLK 3/15/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.28	2.5
Freon 22	5.1		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.3		0.12	1.0
n-Butane	1.9		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.6		0.25	1.1
Freon TF	0.97	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	64		1.6	12
Isopropyl alcohol	13		0.37	12
Carbon disulfide	0.89	J	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0101MA**

Lab Sample ID: 280-64806-11
Client Matrix: Air

Date Sampled: 01/22/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_07.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1354			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1354			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	1.3	J	0.42	1.7
tert-Butyl alcohol	0.96	J	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.51	J M	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	7.2		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.75	J	0.53	15
1,1,1-Trichloroethane	0.20	J	0.16	1.1
Cyclohexane	1.1		0.034	0.69
Carbon tetrachloride	0.57	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.89		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.44	J M	0.15	0.82
Trichloroethene	0.71	J	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	1.2	J	0.74	2.0
Toluene	1.0		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	1.2	J	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.25	J	0.087	0.87
m,p-Xylene	0.56	J	0.11	2.2
Xylene, o-	0.27	J	0.078	0.87
Xylene (total)	0.84	J	0.18	0.87
Styrene	0.12	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.14	J M	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

CLK 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0101MA**

Lab Sample ID: 280-64806-11
Client Matrix: Air

Date Sampled: 01/22/2015 1355
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_07.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1354			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1354			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.35	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.17	J	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.27	J	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 774VMP0201MA

Lab Sample ID: 280-64806-12
Client Matrix: Air

Date Sampled: 01/22/2015 1405
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_08.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1445			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1445			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.52		0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.55		0.060	0.50
n-Butane	1.4		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.33		0.045	0.20
Freon TF	0.11	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	7.0		0.69	5.0
Isopropyl alcohol	3.8	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.21	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.16	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.047	J M	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.28		0.010	0.20
Carbon tetrachloride	0.086	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.23		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.093	J	0.037	0.20
Trichloroethene	0.055	J M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.24		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CLH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0201MA**

Lab Sample ID: 280-64806-12
Client Matrix: Air

Date Sampled: 01/22/2015 1405
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_08.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1445			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1445			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.050	J	0.020	0.20
m,p-Xylene	0.13	J	0.025	0.50
Xylene, o-	0.047	J	0.018	0.20
Xylene (total)	0.18	J	0.041	0.20
Styrene	0.018	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.023	J	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.057	J M	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

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Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.1		0.12	1.0
n-Butane	3.4		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.9		0.25	1.1
Freon TF	0.82	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	17		1.6	12
Isopropyl alcohol	9.3	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 774VMP0201MA

Lab Sample ID: 280-64806-12
Client Matrix: Air

Date Sampled: 01/22/2015 1405
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_08.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1445			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1445			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.72	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.55	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.23	J M	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.98		0.034	0.69
Carbon tetrachloride	0.54	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.74		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.38	J	0.15	0.82
Trichloroethene	0.29	J M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.91		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.22	J	0.087	0.87
m,p-Xylene	0.57	J	0.11	2.2
Xylene, o-	0.20	J	0.078	0.87
Xylene (total)	0.77	J	0.18	0.87
Styrene	0.078	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.11	J	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

clt 3/13/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 774VMP0201MA

Lab Sample ID: 280-64806-12
Client Matrix: Air

Date Sampled: 01/22/2015 1405
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_08.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1445			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1445			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.28	J M	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

clt
3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0301MA**

Lab Sample ID: 280-64806-13
Client Matrix: Air

Date Sampled: 01/22/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_09.D
Dilution:	4.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1536			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1536			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.60	J	0.22	2.0
Freon 22	0.89	J	0.32	2.0
1,2-Dichlorotetrafluoroethane	0.32	U	0.21	0.80
Chloromethane	0.61	J	0.24	2.0
n-Butane	0.90	J	0.72	2.0
Vinyl chloride	0.12	U	0.10	0.80
1,3-Butadiene	0.32	U	0.14	0.80
Bromomethane	0.32	U	0.18	0.80
Chloroethane	0.32	U	0.24	2.0
Bromoethene(Vinyl Bromide)	0.12	U	0.080	0.80
Trichlorofluoromethane	1.5		0.18	0.80
Freon TF	0.32	U	0.16	0.80
1,1-Dichloroethene	0.12	U	0.040	0.80
Acetone	3.4	J	2.8	20
Isopropyl alcohol	1.2	J	0.60	20
Carbon disulfide	0.32	U	0.12	2.0
3-Chloropropene	0.80	U	0.64	2.0
Methylene Chloride	0.49	J	0.48	2.0
tert-Butyl alcohol	0.80	U	0.48	20
Methyl tert-butyl ether	0.12	U	0.088	0.80
trans-1,2-Dichloroethene	0.12	U	0.11	0.80
n-Hexane	0.12	U	0.11	0.80
1,1-Dichloroethane	0.12	U	0.11	0.80
Methyl Ethyl Ketone	0.80	U	0.37	2.0
cis-1,2-Dichloroethene	0.32	U	0.12	0.80
1,2-Dichloroethene, Total	0.32	U	0.21	0.80
Chloroform	0.32	U	0.15	0.80
Tetrahydrofuran	0.80	U	0.72	20
1,1,1-Trichloroethane	0.32	U	0.12	0.80
Cyclohexane	0.13	J	0.040	0.80
Carbon tetrachloride	0.12	U	0.044	0.80
2,2,4-Trimethylpentane	0.12	U	0.092	0.80
Benzene	0.44	J	0.12	0.80
1,2-Dichloroethane	0.32	U	0.21	0.80
n-Heptane	0.32	U	0.15	0.80
Trichloroethene	0.12	U	0.12	0.80
Methyl methacrylate	0.80	U	0.38	2.0
1,2-Dichloropropane	0.32	U	0.14	0.80
1,4-Dioxane	0.80	U	0.64	20
Bromodichloromethane	0.12	U	0.12	0.80
cis-1,3-Dichloropropene	0.12	U	0.12	0.80
methyl isobutyl ketone	0.80	U	0.72	2.0
Toluene	0.18	J	0.10	0.80
trans-1,3-Dichloropropene	0.12	U	0.10	0.80
1,1,2-Trichloroethane	0.32	U	0.15	0.80
Tetrachloroethene	0.12	U	0.12	0.80

CLH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0301MA**

Lab Sample ID: 280-64806-13
Client Matrix: Air

Date Sampled: 01/22/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_09.D
Dilution:	4.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1536			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1536			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.80	U	0.68	2.0
Dibromochloromethane	0.12	U	0.080	0.80
1,2-Dibromoethane	0.12	U	0.072	0.80
Chlorobenzene	0.12	U	0.072	0.80
Ethylbenzene	0.12	U	0.080	0.80
m,p-Xylene	0.24	U	0.10	2.0
Xylene, o-	0.12	U	0.072	0.80
Xylene (total)	0.36	U	0.16	0.80
Styrene	0.12	U	0.064	0.80
Bromoform	0.12	U	0.10	0.80
Cumene	0.12	U	0.076	0.80
1,1,2,2-Tetrachloroethane	0.32	U	0.14	0.80
n-Propylbenzene	0.12	U	0.11	0.80
4-Ethyltoluene	0.12	U	0.080	0.80
1,3,5-Trimethylbenzene	0.12	U	0.076	0.80
2-Chlorotoluene	0.32	U	0.12	0.80
tert-Butylbenzene	0.12	U	0.080	0.80
1,2,4-Trimethylbenzene	0.12	U	0.064	0.80
sec-Butylbenzene	0.12	U	0.084	0.80
4-Isopropyltoluene	0.12	U	0.080	0.80
1,3-Dichlorobenzene	0.12	U	0.080	0.80
1,4-Dichlorobenzene	0.12	U	0.076	0.80
Benzyl chloride	0.12	U	0.072	0.80
n-Butylbenzene	0.12	U	0.11	0.80
1,2-Dichlorobenzene	0.12	U	0.072	0.80
1,2,4-Trichlorobenzene	0.32	U	0.14	2.0
Hexachlorobutadiene	0.32	U	0.14	0.80
Naphthalene	0.32	U	0.12	2.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0	J Ø	1.1	9.9
Freon 22	3.1	J Ø	1.1	7.1
1,2-Dichlorotetrafluoroethane	2.2	U	1.5	5.6
Chloromethane	1.3	J Ø	0.50	4.1
n-Butane	2.1	J Ø	1.7	4.8
Vinyl chloride	0.31	U	0.27	2.0
1,3-Butadiene	0.71	U	0.32	1.8
Bromomethane	1.2	U	0.68	3.1
Chloroethane	0.84	U	0.64	5.3
Bromoethene(Vinyl Bromide)	0.52	U	0.35	3.5
Trichlorofluoromethane	8.5	Ø	1.0	4.5
Freon TF	2.5	U	1.3	6.1
1,1-Dichloroethene	0.48	U	0.16	3.2
Acetone	8.0	J Ø	6.6	48
Isopropyl alcohol	3.0	J Ø	1.5	49
Carbon disulfide	1.0	U	0.37	6.2

CH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0301MA**

Lab Sample ID: 280-64806-13
Client Matrix: Air

Date Sampled: 01/22/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_09.D
Dilution:	4.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1536			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1536			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	2.5	U	2.0	6.3
Methylene Chloride	1.7	J Ø	1.7	6.9
tert-Butyl alcohol	2.4	U	1.5	61
Methyl tert-butyl ether	0.43	U	0.32	2.9
trans-1,2-Dichloroethene	0.48	U	0.43	3.2
n-Hexane	0.42	U	0.39	2.8
1,1-Dichloroethane	0.49	U	0.45	3.2
Methyl Ethyl Ketone	2.4	U	1.1	5.9
cis-1,2-Dichloroethene	1.3	U	0.48	3.2
1,2-Dichloroethene, Total	1.3	U	0.84	3.2
Chloroform	1.6	U	0.74	3.9
Tetrahydrofuran	2.4	U	2.1	59
1,1,1-Trichloroethane	1.7	U	0.65	4.4
Cyclohexane	0.44	J Ø	0.14	2.8
Carbon tetrachloride	0.75	U	0.28	5.0
2,2,4-Trimethylpentane	0.56	U	0.43	3.7
Benzene	1.4	J Ø	0.37	2.6
1,2-Dichloroethane	1.3	U	0.84	3.2
n-Heptane	1.3	U	0.61	3.3
Trichloroethene	0.64	U	0.64	4.3
Methyl methacrylate	3.3	U	1.6	8.2
1,2-Dichloropropane	1.5	U	0.65	3.7
1,4-Dioxane	2.9	U	2.3	72
Bromodichloromethane	0.80	U	0.78	5.4
cis-1,3-Dichloropropene	0.54	U	0.53	3.6
methyl isobutyl ketone	3.3	U	2.9	8.2
Toluene	0.68	J Ø	0.38	3.0
trans-1,3-Dichloropropene	0.54	U	0.47	3.6
1,1,2-Trichloroethane	1.7	U	0.81	4.4
Tetrachloroethene	0.81	U	0.81	5.4
Methyl Butyl Ketone (2-Hexanone)	3.3	U	2.8	8.2
Dibromochloromethane	1.0	U	0.68	6.8
1,2-Dibromoethane	0.92	U	0.55	6.1
Chlorobenzene	0.55	U	0.33	3.7
Ethylbenzene	0.52	U	0.35	3.5
m,p-Xylene	1.0	U	0.43	8.7
Xylene, o-	0.52	U	0.31	3.5
Xylene (total)	1.6	U	0.71	3.5
Styrene	0.51	U	0.27	3.4
Bromoform	1.2	U	1.0	8.3
Cumene	0.59	U	0.37	3.9
1,1,2,2-Tetrachloroethane	2.2	U	0.93	5.5
n-Propylbenzene	0.59	U	0.53	3.9
4-Ethyltoluene	0.59	U	0.39	3.9
1,3,5-Trimethylbenzene	0.59	U	0.37	3.9
2-Chlorotoluene	1.7	U	0.64	4.1

CLH 3/13/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774VMP0301MA**

Lab Sample ID: 280-64806-13
Client Matrix: Air

Date Sampled: 01/22/2015 1410
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84038	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11892_09.D
Dilution:	4.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 1536			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 1536			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.66	U	0.44	4.4
1,2,4-Trimethylbenzene	0.59	U	0.31	3.9
sec-Butylbenzene	0.66	U	0.46	4.4
4-Isopropyltoluene	0.66	U	0.44	4.4
1,3-Dichlorobenzene	0.72	U	0.48	4.8
1,4-Dichlorobenzene	0.72	U	0.46	4.8
Benzyl chloride	0.62	U	0.37	4.1
n-Butylbenzene	0.66	U	0.61	4.4
1,2-Dichlorobenzene	0.72	U	0.43	4.8
1,2,4-Trichlorobenzene	2.4	U	1.0	15
Hexachlorobutadiene	3.4	U	1.5	8.5
Naphthalene	1.7	U	0.63	10

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MC**

Lab Sample ID: 280-64806-14
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_25a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0911			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0911			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.50		0.056	0.50
Freon 22	1.3		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.28	J M	0.060	0.50
n-Butane	0.84		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.23	M	0.045	0.20
Freon TF	0.061	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	4.8	J	0.69	5.0
Isopropyl alcohol	7.3		0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	J M	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.16	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.73	J	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.67	J	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.11	J M	0.010	0.20
Carbon tetrachloride	0.081	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.24	M	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.92	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CWA 3/5/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 776VMP0101MC

Lab Sample ID: 280-64806-14
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_25a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0911			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0911			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.22		0.020	0.20
m,p-Xylene	0.92		0.025	0.50
Xylene, o-	0.31		0.018	0.20
Xylene (total)	1.2		0.041	0.20
Styrene	0.070	J M	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.067	J	0.020	0.20
1,3,5-Trimethylbenzene	0.081	J	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.27		0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

dlt 3/15/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.28	2.5
Freon 22	4.5		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.58	J M	0.12	1.0
n-Butane	2.0		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3	M	0.25	1.1
Freon TF	0.47	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	11	J	1.6	12
Isopropyl alcohol	18		0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MC**

Lab Sample ID: 280-64806-14
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_25a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0911			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0911			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	J M	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.56	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	2.1	J	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	2.0	J	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.38	J M	0.034	0.69
Carbon tetrachloride	0.51	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.75	M	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	3.5	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.95		0.087	0.87
m,p-Xylene	4.0		0.11	2.2
Xylene, o-	1.3		0.078	0.87
Xylene (total)	5.3		0.18	0.87
Styrene	0.30	J M	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.33	J	0.098	0.98
1,3,5-Trimethylbenzene	0.40	J	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

CLH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 776VMP0101MC

Lab Sample ID: 280-64806-14
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_25a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0911			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0911			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	1.3		0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MA**

Lab Sample ID: 280-64806-15
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_24a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0819			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0819			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54		0.056	0.50
Freon 22	1.4		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.37	J M	0.060	0.50
n-Butane	0.89		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.21	M	0.045	0.20
Freon TF	0.056	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	9.0		0.69	5.0
Isopropyl alcohol	5.5		0.15	5.0
Carbon disulfide	1.5		0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	J M	0.12	0.50
tert-Butyl alcohol	0.31	J M	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.20		0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	3.0	J	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	1.0	J	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.14	J M	0.010	0.20
Carbon tetrachloride	0.068	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.26		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.18	J M	0.037	0.20
Trichloroethene	0.053	J M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.27	J	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.22	J	0.18	0.50
Toluene	1.4	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CHB 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 776VMP0101MA

Lab Sample ID: 280-64806-15
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_24a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0819			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0819			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.32		0.020	0.20
m,p-Xylene	1.1		0.025	0.50
Xylene, o-	0.34		0.018	0.20
Xylene (total)	1.4		0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.034	J	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.11	J	0.020	0.20
1,3,5-Trimethylbenzene	0.081	J M	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.26		0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.30		0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.063	J	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

CLH 3/15/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.28	2.5
Freon 22	4.9		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.76	J M	0.12	1.0
n-Butane	2.1		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.2	M	0.25	1.1
Freon TF	0.43	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	21		1.6	12
Isopropyl alcohol	13		0.37	12
Carbon disulfide	4.8		0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 776VMP0101MA

Lab Sample ID: 280-64806-15
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_24a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0819			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0819			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.71	J M	0.42	1.7
tert-Butyl alcohol	0.95	J M	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.72		0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	8.9	J	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	3.0	J	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.47	J M	0.034	0.69
Carbon tetrachloride	0.43	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.82		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.72	J M	0.15	0.82
Trichloroethene	0.29	J M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.99	J	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.91	J	0.74	2.0
Toluene	5.2	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	1.4		0.087	0.87
m,p-Xylene	4.9		0.11	2.2
Xylene, o-	1.5		0.078	0.87
Xylene (total)	6.3		0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.17	J	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.55	J	0.098	0.98
1,3,5-Trimethylbenzene	0.40	J M	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

CLK 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0101MA**

Lab Sample ID: 280-64806-15
Client Matrix: Air

Date Sampled: 01/22/2015 1250
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_24a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0819			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0819			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	1.3		0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	1.7		0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.38	J	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 776VMP0201MA

Lab Sample ID: 280-64806-16
Client Matrix: Air

Date Sampled: 01/22/2015 1244
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_18a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0122			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0122			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.056	0.50
Freon 22	2.9		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.59		0.060	0.50
n-Butane	1.0		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.22	M	0.045	0.20
Freon TF	0.070	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	3.7	J	0.69	5.0
Isopropyl alcohol	6.6		0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.091	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.21	M	0.010	0.20
Carbon tetrachloride	0.094	J M	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.23	M	0.029	0.20
1,2-Dichloroethane	0.055	J	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.077	J M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.23		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CWT 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0201MA**

Lab Sample ID: 280-64806-16
Client Matrix: Air

Date Sampled: 01/22/2015 1244
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_18a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0122			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0122			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.092	J	0.020	0.20
m,p-Xylene	0.25	J	0.025	0.50
Xylene, o-	0.085	J M	0.018	0.20
Xylene (total)	0.34		0.041	0.20
Styrene	0.16	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.031	J	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.061	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.13	J	0.030	0.50

CLH 3/15/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	10		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.2		0.12	1.0
n-Butane	2.5		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.2	M	0.25	1.1
Freon TF	0.54	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	8.8	J	1.6	12
Isopropyl alcohol	16		0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0201MA**

Lab Sample ID: 280-64806-16
Client Matrix: Air

Date Sampled: 01/22/2015 1244
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_18a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0122			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0122			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.32	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.72	M	0.034	0.69
Carbon tetrachloride	0.59	J M	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.75	M	0.093	0.64
1,2-Dichloroethane	0.22	J	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.42	J M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.85		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.40	J	0.087	0.87
m,p-Xylene	1.1	J	0.11	2.2
Xylene, o-	0.37	J M	0.078	0.87
Xylene (total)	1.5		0.18	0.87
Styrene	0.67	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	J	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

CLD 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0201MA**

Lab Sample ID: 280-64806-16
Client Matrix: Air

Date Sampled: 01/22/2015 1244
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_18a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0122			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0122			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.30	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.68	J	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0301MA**

Lab Sample ID: 280-64806-17
Client Matrix: Air

Date Sampled: 01/22/2015 1255
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_19a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0214			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0214			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54		0.056	0.50
Freon 22	2.6		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.68		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.24	M	0.045	0.20
Freon TF	0.069	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	8.9		0.69	5.0
Isopropyl alcohol	8.2		0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	2.0		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.23	M	0.010	0.20
Carbon tetrachloride	0.077	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.17	J	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.39	M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.22	M	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CHB 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 776VMP0301MA

Lab Sample ID: 280-64806-17
Client Matrix: Air

Date Sampled: 01/22/2015 1255
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_19a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0214			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0214			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.21	J M	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.068	J	0.020	0.20
m,p-Xylene	0.17	J M	0.025	0.50
Xylene, o-	0.080	J M	0.018	0.20
Xylene (total)	0.25		0.041	0.20
Styrene	0.072	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.050	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

ERL 3/15/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.28	2.5
Freon 22	9.2		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	1.6		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3	M	0.25	1.1
Freon TF	0.53	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	21		1.6	12
Isopropyl alcohol	20		0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0301MA**

Lab Sample ID: 280-64806-17
Client Matrix: Air

Date Sampled: 01/22/2015 1255
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_19a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0214			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0214			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	5.9		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.80	M	0.034	0.69
Carbon tetrachloride	0.49	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.54	J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	2.1	M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.82	M	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.86	J M	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.30	J	0.087	0.87
m,p-Xylene	0.72	J M	0.11	2.2
Xylene, o-	0.35	J M	0.078	0.87
Xylene (total)	1.1		0.18	0.87
Styrene	0.31	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

AA 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776VMP0301MA**

Lab Sample ID: 280-64806-17
Client Matrix: Air

Date Sampled: 01/22/2015 1255
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_19a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0214			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0214			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.25	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 774IA1MA

Lab Sample ID: 280-64806-18
Client Matrix: Air

Date Sampled: 01/22/2015 0805
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-024.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0329			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0329			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.056	0.50
Freon 22	0.57		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.55		0.060	0.50
n-Butane	0.88		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.39		0.045	0.20
Freon TF	0.088	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	4.8	J	0.69	5.0
Isopropyl alcohol	0.66	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.25	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.70		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.072	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.21		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.15	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 774IA1MA

Lab Sample ID: 280-64806-18
Client Matrix: Air

Date Sampled: 01/22/2015 0805
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-024.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0329			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0329			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.035	J	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	2.0		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.1		0.12	1.0
n-Butane	2.1		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	2.2		0.25	1.1
Freon TF	0.67	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	11	J	1.6	12
Isopropyl alcohol	1.6	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774IA1MA**

Lab Sample ID: 280-64806-18
Client Matrix: Air

Date Sampled: 01/22/2015 0805
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-024.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0329			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0329			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.88	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	2.1		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.45	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.68		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.58	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.15	J	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774IA1MA**

Lab Sample ID: 280-64806-18
Client Matrix: Air

Date Sampled: 01/22/2015 0805
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-024.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0329			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0329			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 774776OA1MA

Lab Sample ID: 280-64806-19
Client Matrix: Air

Date Sampled: 01/22/2015 0800
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-025.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0416			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0416			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.55		0.056	0.50
Freon 22	0.24	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.53		0.060	0.50
n-Butane	0.58		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.24		0.045	0.20
Freon TF	0.069	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.24	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.072	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.20		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.13	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 774776OA1MA

Lab Sample ID: 280-64806-19
Client Matrix: Air

Date Sampled: 01/22/2015 0800
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-025.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0416			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0416			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.28	2.5
Freon 22	0.86	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.1		0.12	1.0
n-Butane	1.4		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.4		0.25	1.1
Freon TF	0.53	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **774776OA1MA**

Lab Sample ID: 280-64806-19
Client Matrix: Air

Date Sampled: 01/22/2015 0800
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-025.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0416			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0416			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.82	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.45	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.63		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.49	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 774776OA1MA

Lab Sample ID: 280-64806-19
Client Matrix: Air

Date Sampled: 01/22/2015 0800
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-025.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0416			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0416			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 776IA1MA

Lab Sample ID: 280-64806-20
Client Matrix: Air

Date Sampled: 01/22/2015 0810
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-026.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0502			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0502			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.56		0.056	0.50
Freon 22	2.8		0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.63		0.060	0.50
n-Butane	1.0		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.24		0.045	0.20
Freon TF	0.061	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	9.1		0.69	5.0
Isopropyl alcohol	7.5		0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.71		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.091	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.21		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.064	J	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.21		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CLK 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776IA1MA**

Lab Sample ID: 280-64806-20
Client Matrix: Air

Date Sampled: 01/22/2015 0810
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-026.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0502			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0502			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.057	J	0.020	0.20
m,p-Xylene	0.12	J	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.12	J	0.041	0.20
Styrene	0.055	J	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.28	2.5
Freon 22	10		0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.3		0.12	1.0
n-Butane	2.5		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3		0.25	1.1
Freon TF	0.46	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	22		1.6	12
Isopropyl alcohol	18		0.37	12
Carbon disulfide	0.25	U	0.093	1.6

CMA 2/5/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776IA1MA**

Lab Sample ID: 280-64806-20
Client Matrix: Air

Date Sampled: 01/22/2015 0810
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-026.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0502			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0502			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	2.1		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.57	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.67		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.35	J	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.80		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.25	J	0.087	0.87
m,p-Xylene	0.54	J	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.52	J	0.18	0.87
Styrene	0.23	J	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **776IA1MA**

Lab Sample ID: 280-64806-20
Client Matrix: Air

Date Sampled: 01/22/2015 0810
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83910	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11847-026.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 0502			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 0502			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NA**

Lab Sample ID: 280-64806-21
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_11.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1743			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1743			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.62		0.056	0.50
Freon 22	0.29	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.45	J	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.23		0.045	0.20
Freon TF	0.089	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.3	J	0.69	5.0
Isopropyl alcohol	0.58	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.17	J M	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.045	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.47	J	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.78		0.038	0.20
Tetrahydrofuran	0.44	J	0.18	5.0
1,1,1-Trichloroethane	0.10	J	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.051	J M	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.20		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.055	J	0.037	0.20
Trichloroethene	1.2		0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.23		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CLK 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786VMP0202NA

Lab Sample ID: 280-64806-21
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_11.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1743			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1743			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.074	J	0.025	0.50
Xylene, o-	0.027	J	0.018	0.20
Xylene (total)	0.10	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.1		0.28	2.5
Freon 22	1.0	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	1.1	J	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3		0.25	1.1
Freon TF	0.68	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.5	J	1.6	12
Isopropyl alcohol	1.4	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

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Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786VMP0202NA

Lab Sample ID: 280-64806-21
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_11.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1743			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1743			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.58	J M	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.16	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	1.4	J	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	3.8		0.19	0.98
Tetrahydrofuran	1.3	J	0.53	15
1,1,1-Trichloroethane	0.55	J	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.32	J M	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.63	J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.23	J	0.15	0.82
Trichloroethene	6.3		0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.87		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.32	J	0.11	2.2
Xylene, o-	0.12	J	0.078	0.87
Xylene (total)	0.44	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

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Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NA**

Lab Sample ID: 280-64806-21
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_11.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1743			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1743			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786VMP0302NA

Lab Sample ID: 280-64806-22
Client Matrix: Air

Date Sampled: 01/26/2015 1420
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_12.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1834			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1834			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.60		0.056	0.50
Freon 22	0.29	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.32	J	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.26		0.045	0.20
Freon TF	0.085	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	3.3	J	0.69	5.0
Isopropyl alcohol	1.4	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.18	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.27		0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.70		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.43	J	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.077	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.22		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.16	J M	0.037	0.20
Trichloroethene	0.044	J M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.12	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CLS 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786VMP0302NA

Lab Sample ID: 280-64806-22
Client Matrix: Air

Date Sampled: 01/26/2015 1420
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_12.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1834			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1834			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.097	J	0.025	0.50
Xylene, o-	0.026	J	0.018	0.20
Xylene (total)	0.12	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.078	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0		0.28	2.5
Freon 22	1.0	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.76	J	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.4		0.25	1.1
Freon TF	0.65	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	7.8	J	1.6	12
Isopropyl alcohol	3.4	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

CLH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786VMP0302NA

Lab Sample ID: 280-64806-22
Client Matrix: Air

Date Sampled: 01/26/2015 1420
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_12.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1834			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1834			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.63	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.96		0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	2.1		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	1.3	J	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.49	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.71		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.67	J M	0.15	0.82
Trichloroethene	0.24	J M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.44	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.42	J	0.11	2.2
Xylene, o-	0.11	J	0.078	0.87
Xylene (total)	0.53	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

ALH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786VMP0302NA

Lab Sample ID: 280-64806-22
Client Matrix: Air

Date Sampled: 01/26/2015 1420
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_12.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 1834			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1834			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.38	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0102NA**

Lab Sample ID: 280-64806-23
Client Matrix: Air

Date Sampled: 01/27/2015 1505
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_20a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0306			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0306			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.48	J	0.056	0.50
Freon 22	0.19	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.080	U	0.045	0.20
Freon TF	0.049	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	1.6	J M	0.69	5.0
Isopropyl alcohol	0.88	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.14	J M	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.23		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CWA 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0102NA**

Lab Sample ID: 280-64806-23
Client Matrix: Air

Date Sampled: 01/27/2015 1505
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_20a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0306			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0306			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.054	J	0.020	0.20
m,p-Xylene	0.16	J	0.025	0.50
Xylene, o-	0.032	J	0.018	0.20
Xylene (total)	0.19	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.098	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.4	J	0.28	2.5
Freon 22	0.68	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	0.45	U	0.25	1.1
Freon TF	0.38	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	3.7	J M	1.6	12
Isopropyl alcohol	2.2	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

CLH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786VMP0102NA

Lab Sample ID: 280-64806-23
Client Matrix: Air

Date Sampled: 01/27/2015 1505
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_20a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0306			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0306			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.43	J M	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.85		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.24	J	0.087	0.87
m,p-Xylene	0.69	J	0.11	2.2
Xylene, o-	0.14	J	0.078	0.87
Xylene (total)	0.83	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

CLA 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786VMP0102NA

Lab Sample ID: 280-64806-23
Client Matrix: Air

Date Sampled: 01/27/2015 1505
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_20a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0306			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0306			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.48	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785IA14

Lab Sample ID: 280-64806-24
Client Matrix: Air

Date Sampled: 01/26/2015 1005
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-005.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1407			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1407			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.52		0.056	0.50
Freon 22	0.24	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.52		0.060	0.50
n-Butane	2.5		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.22		0.045	0.20
Freon TF	0.059	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.25	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.64		0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.075	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.20		0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.26		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785IA14

Lab Sample ID: 280-64806-24
Client Matrix: Air

Date Sampled: 01/26/2015 1005
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-005.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1407			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1407			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.048	J	0.020	0.20
m,p-Xylene	0.12	J	0.025	0.50
Xylene, o-	0.046	J	0.018	0.20
Xylene (total)	0.17	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.042	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

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Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	0.84	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.1		0.12	1.0
n-Butane	5.9		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.2		0.25	1.1
Freon TF	0.45	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785IA14

Lab Sample ID: 280-64806-24
Client Matrix: Air

Date Sampled: 01/26/2015 1005
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-005.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1407			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1407			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.88	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	2.2		0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.47	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.64		0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.97		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.21	J M	0.087	0.87
m,p-Xylene	0.53	J	0.11	2.2
Xylene, o-	0.20	J	0.078	0.87
Xylene (total)	0.72	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

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Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785IA14

Lab Sample ID: 280-64806-24
Client Matrix: Air

Date Sampled: 01/26/2015 1005
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-005.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1407			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1407			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.21	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786IA13

Lab Sample ID: 280-64806-25
Client Matrix: Air

Date Sampled: 01/26/2015 1000
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_13.D
Dilution:	1.0			Initial Weight/Volume:	294 mL
Analysis Date:	02/02/2015 1925			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1925			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.60		0.056	0.50
Freon 22	0.28	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.72		0.060	0.50
n-Butane	0.89		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.25		0.045	0.20
Freon TF	0.086	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.9	J	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.21	J	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	J M	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.11	J	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.36	J M	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.087	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.16	J	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.064	J	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.14	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

cut 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786IA13

Lab Sample ID: 280-64806-25

Client Matrix: Air

Date Sampled: 01/26/2015 1000

Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_13.D
Dilution:	1.0			Initial Weight/Volume:	294 mL
Analysis Date:	02/02/2015 1925			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1925			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.049	J	0.020	0.20
m,p-Xylene	0.085	J	0.025	0.50
Xylene, o-	0.031	J	0.018	0.20
Xylene (total)	0.12	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

CWH 3/18/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0		0.28	2.5
Freon 22	1.0	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.5		0.12	1.0
n-Butane	2.1		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.4		0.25	1.1
Freon TF	0.66	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	6.8	J	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.66	J	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786IA13

Lab Sample ID: 280-64806-25
Client Matrix: Air

Date Sampled: 01/26/2015 1000
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_13.D
Dilution:	1.0			Initial Weight/Volume:	294 mL
Analysis Date:	02/02/2015 1925			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1925			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.70	J M	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.37	J	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	1.1	J M	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.55	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.52	J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.26	J	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.51	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.21	J	0.087	0.87
m,p-Xylene	0.37	J	0.11	2.2
Xylene, o-	0.14	J	0.078	0.87
Xylene (total)	0.50	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

CLL 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786IA13

Lab Sample ID: 280-64806-25
Client Matrix: Air

Date Sampled: 01/26/2015 1000
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_13.D
Dilution:	1.0			Initial Weight/Volume:	294 mL
Analysis Date:	02/02/2015 1925			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 1925			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785786OA10**

Lab Sample ID: 280-64806-26
Client Matrix: Air

Date Sampled: 01/26/2015 0955
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-006.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1453			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1453			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.57		0.056	0.50
Freon 22	0.26	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.61		0.060	0.50
n-Butane	0.54		0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.23		0.045	0.20
Freon TF	0.063	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.080	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.16	J	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.074	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785786OA10**

Lab Sample ID: 280-64806-26
Client Matrix: Air

Date Sampled: 01/26/2015 0955
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-006.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1453			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1453			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.28	2.5
Freon 22	0.93	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	1.3		0.12	1.0
n-Butane	1.3		0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.3		0.25	1.1
Freon TF	0.49	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785786OA10

Lab Sample ID: 280-64806-26
Client Matrix: Air

Date Sampled: 01/26/2015 0955
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-006.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1453			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1453			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.50	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.50	J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.28	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785786OA10

Lab Sample ID: 280-64806-26
Client Matrix: Air

Date Sampled: 01/26/2015 0955
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-006.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1453			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1453			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0202NA**

Lab Sample ID: 280-64806-27
Client Matrix: Air

Date Sampled: 01/26/2015 1520
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_21a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0357			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0357			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.48	J	0.056	0.50
Freon 22	0.21	J M	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	1.0		0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.22	M	0.045	0.20
Freon TF	0.055	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	3.2	J	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.21	J	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.21		0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.74		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	2.8	J	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.067	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.12	J M	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.11	J M	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.34	M	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CLA 3/16/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785VMP0202NA

Lab Sample ID: 280-64806-27
Client Matrix: Air

Date Sampled: 01/26/2015 1520
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_21a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0357			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0357			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.098	J	0.020	0.20
m,p-Xylene	0.26	J	0.025	0.50
Xylene, o-	0.12	J M	0.018	0.20
Xylene (total)	0.38		0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.15	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

EMA 3/10/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.4	J	0.28	2.5
Freon 22	0.75	J M	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	2.2		0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.2	M	0.25	1.1
Freon TF	0.42	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	7.7	J	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.65	J	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0202NA**

Lab Sample ID: 280-64806-27
Client Matrix: Air

Date Sampled: 01/26/2015 1520
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_21a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0357			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0357			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.74		0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	2.2		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	8.2	J	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.42	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.37	J M	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.60	J M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	1.3	M	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.42	J	0.087	0.87
m,p-Xylene	1.1	J	0.11	2.2
Xylene, o-	0.53	J M	0.078	0.87
Xylene (total)	1.7		0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

CLA 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0202NA**

Lab Sample ID: 280-64806-27
Client Matrix: Air

Date Sampled: 01/26/2015 1520
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_21a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0357			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0357			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.72	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0501NA**

Lab Sample ID: 280-64806-28
Client Matrix: Air

Date Sampled: 01/26/2015 1530
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_22a.D
Dilution:	4.55			Initial Weight/Volume:	44 mL
Analysis Date:	01/30/2015 0449			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0449			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.45	J Ø	0.25	2.3
Freon 22	0.91	U	0.36	2.3
1,2-Dichlorotetrafluoroethane	0.36	U	0.24	0.91
Chloromethane	0.91	U	0.27	2.3
n-Butane	0.91	U	0.82	2.3
Vinyl chloride	0.14	U	0.12	0.91
1,3-Butadiene	0.36	U	0.16	0.91
Bromomethane	0.36	U	0.20	0.91
Chloroethane	0.36	U	0.28	2.3
Bromoethene(Vinyl Bromide)	0.14	U	0.091	0.91
Trichlorofluoromethane	0.36	U	0.20	0.91
Freon TF	0.36	U	0.19	0.91
1,1-Dichloroethene	0.14	U	0.046	0.91
Acetone	23	Ø	3.1	23
Isopropyl alcohol	3.3	J Ø	0.68	23
Carbon disulfide	0.36	U	0.14	2.3
3-Chloropropene	0.91	U	0.73	2.3
Methylene Chloride	0.91	U	0.55	2.3
tert-Butyl alcohol	0.91	U	0.55	23
Methyl tert-butyl ether	0.14	U	0.10	0.91
trans-1,2-Dichloroethene	0.14	U	0.12	0.91
n-Hexane	0.14	U	0.13	0.91
1,1-Dichloroethane	0.14	U	0.13	0.91
Methyl Ethyl Ketone	4.4	Ø	0.42	2.3
cis-1,2-Dichloroethene	0.36	U	0.14	0.91
1,2-Dichloroethene, Total	0.36	U	0.24	0.91
Chloroform	0.36	U	0.17	0.91
Tetrahydrofuran	77	Ø	0.82	23
1,1,1-Trichloroethane	0.36	U	0.14	0.91
Cyclohexane	0.14	U	0.046	0.91
Carbon tetrachloride	0.14	U	0.050	0.91
2,2,4-Trimethylpentane	0.14	U	0.10	0.91
Benzene	1.0	Ø	0.13	0.91
1,2-Dichloroethane	0.36	U	0.24	0.91
n-Heptane	0.36	U	0.17	0.91
Trichloroethene	7.6	Ø	0.14	0.91
Methyl methacrylate	0.91	U	0.44	2.3
1,2-Dichloropropane	0.36	U	0.16	0.91
1,4-Dioxane	0.91	U	0.73	23
Bromodichloromethane	0.14	U	0.13	0.91
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.91	U	0.82	2.3
Toluene	3.9	Ø	0.11	0.91
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.36	U	0.17	0.91
Tetrachloroethene	0.14	U	0.14	0.91

cut 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0501NA**

Lab Sample ID: 280-64806-28
Client Matrix: Air

Date Sampled: 01/26/2015 1530
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_22a.D
Dilution:	4.55			Initial Weight/Volume:	44 mL
Analysis Date:	01/30/2015 0449			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0449			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.91	U	0.77	2.3
Dibromochloromethane	0.14	U	0.091	0.91
1,2-Dibromoethane	0.14	U	0.082	0.91
Chlorobenzene	0.14	U	0.082	0.91
Ethylbenzene	0.50	J Ø	0.091	0.91
m,p-Xylene	1.4	J Ø M	0.11	2.3
Xylene, o-	0.49	J Ø	0.082	0.91
Xylene (total)	1.9		0.19	0.91
Styrene	0.91	Ø	0.073	0.91
Bromoform	0.14	U	0.11	0.91
Cumene	0.14	U	0.086	0.91
1,1,2,2-Tetrachloroethane	0.36	U	0.15	0.91
n-Propylbenzene	0.14	U	0.12	0.91
4-Ethyltoluene	0.14	U	0.091	0.91
1,3,5-Trimethylbenzene	0.14	U	0.086	0.91
2-Chlorotoluene	0.36	U	0.14	0.91
tert-Butylbenzene	0.14	U	0.091	0.91
1,2,4-Trimethylbenzene	0.22	J Ø	0.073	0.91
sec-Butylbenzene	0.14	U	0.096	0.91
4-Isopropyltoluene	0.14	U	0.091	0.91
1,3-Dichlorobenzene	0.14	U	0.091	0.91
1,4-Dichlorobenzene	0.14	U	0.086	0.91
Benzyl chloride	0.14	U	0.082	0.91
n-Butylbenzene	0.14	U	0.13	0.91
1,2-Dichlorobenzene	0.14	U	0.082	0.91
1,2,4-Trichlorobenzene	0.36	U	0.15	2.3
Hexachlorobutadiene	0.36	U	0.16	0.91
Naphthalene	0.36	U	0.14	2.3

CMT 3/15/15

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.2	J Ø	1.3	11
Freon 22	3.2	U	1.3	8.0
1,2-Dichlorotetrafluoroethane	2.5	U	1.7	6.4
Chloromethane	1.9	U	0.56	4.7
n-Butane	2.2	U	1.9	5.4
Vinyl chloride	0.35	U	0.30	2.3
1,3-Butadiene	0.81	U	0.36	2.0
Bromomethane	1.4	U	0.78	3.5
Chloroethane	0.96	U	0.73	6.0
Bromoethene(Vinyl Bromide)	0.60	U	0.40	4.0
Trichlorofluoromethane	2.0	U	1.2	5.1
Freon TF	2.8	U	1.4	7.0
1,1-Dichloroethene	0.54	U	0.18	3.6
Acetone	54	Ø	7.5	54
Isopropyl alcohol	8.1	J Ø	1.7	56
Carbon disulfide	1.1	U	0.43	7.1

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0501NA**

Lab Sample ID: 280-64806-28
Client Matrix: Air

Date Sampled: 01/26/2015 1530
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_22a.D
Dilution:	4.55			Initial Weight/Volume:	44 mL
Analysis Date:	01/30/2015 0449			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0449			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	2.8	U	2.3	7.1
Methylene Chloride	3.2	U	1.9	7.9
tert-Butyl alcohol	2.8	U	1.7	69
Methyl tert-butyl ether	0.49	U	0.36	3.3
trans-1,2-Dichloroethene	0.54	U	0.49	3.6
n-Hexane	0.48	U	0.45	3.2
1,1-Dichloroethane	0.55	U	0.52	3.7
Methyl Ethyl Ketone	13	D	1.2	6.7
cis-1,2-Dichloroethene	1.4	U	0.54	3.6
1,2-Dichloroethene, Total	1.4	U	0.96	3.6
Chloroform	1.8	U	0.84	4.4
Tetrahydrofuran	230	D	2.4	67
1,1,1-Trichloroethane	2.0	U	0.74	5.0
Cyclohexane	0.47	U	0.16	3.1
Carbon tetrachloride	0.86	U	0.31	5.7
2,2,4-Trimethylpentane	0.64	U	0.49	4.3
Benzene	3.3	D	0.42	2.9
1,2-Dichloroethane	1.5	U	0.96	3.7
n-Heptane	1.5	U	0.69	3.7
Trichloroethene	41	D	0.73	4.9
Methyl methacrylate	3.7	U	1.8	9.3
1,2-Dichloropropane	1.7	U	0.74	4.2
1,4-Dioxane	3.3	U	2.6	82
Bromodichloromethane	0.91	U	0.88	6.1
cis-1,3-Dichloropropene	0.62	U	0.60	4.1
methyl isobutyl ketone	3.7	U	3.4	9.3
Toluene	15	D	0.43	3.4
trans-1,3-Dichloropropene	0.62	U	0.54	4.1
1,1,2-Trichloroethane	2.0	U	0.92	5.0
Tetrachloroethene	0.93	U	0.93	6.2
Methyl Butyl Ketone (2-Hexanone)	3.7	U	3.2	9.3
Dibromochloromethane	1.2	U	0.78	7.8
1,2-Dibromoethane	1.0	U	0.63	7.0
Chlorobenzene	0.63	U	0.38	4.2
Ethylbenzene	2.2	J D	0.40	4.0
m,p-Xylene	6.0	J D M	0.49	9.9
Xylene, o-	2.1	J D	0.36	4.0
Xylene (total)	8.2		0.81	4.0
Styrene	3.9	D	0.31	3.9
Bromoform	1.4	U	1.2	9.4
Cumene	0.67	U	0.42	4.5
1,1,2,2-Tetrachloroethane	2.5	U	1.1	6.2
n-Propylbenzene	0.67	U	0.60	4.5
4-Ethyltoluene	0.67	U	0.45	4.5
1,3,5-Trimethylbenzene	0.67	U	0.43	4.5
2-Chlorotoluene	1.9	U	0.73	4.7

CLD 3/17/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0501NA**

Lab Sample ID: 280-64806-28
Client Matrix: Air

Date Sampled: 01/26/2015 1530
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_22a.D
Dilution:	4.55			Initial Weight/Volume:	44 mL
Analysis Date:	01/30/2015 0449			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0449			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.75	U	0.50	5.0
1,2,4-Trimethylbenzene	1.1	J D	0.36	4.5
sec-Butylbenzene	0.75	U	0.52	5.0
4-Isopropyltoluene	0.75	U	0.50	5.0
1,3-Dichlorobenzene	0.82	U	0.55	5.5
1,4-Dichlorobenzene	0.82	U	0.52	5.5
Benzyl chloride	0.71	U	0.42	4.7
n-Butylbenzene	0.75	U	0.70	5.0
1,2-Dichlorobenzene	0.82	U	0.49	5.5
1,2,4-Trichlorobenzene	2.7	U	1.1	17
Hexachlorobutadiene	3.9	U	1.7	9.7
Naphthalene	1.9	U	0.72	12

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3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0401NA**

Lab Sample ID: 280-64806-29
Client Matrix: Air

Date Sampled: 01/26/2015 1525
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_23a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0541			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0541			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.49	J	0.056	0.50
Freon 22	0.23	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.50	~~M~~	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.20	~~M~~	0.045	0.20
Freon TF	0.072	J	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	9.4		0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.51	~~M~~	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.22	J ~~M~~	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.29		0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	2.6		0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	6.6		0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.072	J	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.20	~~M~~	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.22	~~M~~	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.50		0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

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Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785VMP0401NA

Lab Sample ID: 280-64806-29
Client Matrix: Air

Date Sampled: 01/26/2015 1525
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_23a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0541			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0541			Injection Volume:	5 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.094	J	0.020	0.20
m,p-Xylene	0.27	J	0.025	0.50
Xylene, o-	0.11	J	0.018	0.20
Xylene (total)	0.38		0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.10	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.4	J	0.28	2.5
Freon 22	0.82	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	1.2	~~M~~	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.1	~~M~~	0.25	1.1
Freon TF	0.55	J	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	22		1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	1.6	~~M~~	0.093	1.6

CLH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 785VMP0401NA

Lab Sample ID: 280-64806-29
Client Matrix: Air

Date Sampled: 01/26/2015 1525
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_23a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0541			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0541			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.76	J M	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	1.0		0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	7.6		0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	19		0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.46	J	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.63	M J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	1.2	M	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	1.9		0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.41	J	0.087	0.87
m,p-Xylene	1.2	J	0.11	2.2
Xylene, o-	0.48	J	0.078	0.87
Xylene (total)	1.7		0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

CLH 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **785VMP0401NA**

Lab Sample ID: 280-64806-29
Client Matrix: Air

Date Sampled: 01/26/2015 1525
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84055	Instrument ID:	CHB.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11879_23a.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/30/2015 0541			Final Weight/Volume:	200 mL
Prep Date:	01/30/2015 0541			Injection Volume:	5 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.51	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NC**

Lab Sample ID: 280-64806-30
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_14.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 2016			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 2016			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.056	0.50
Freon 22	0.24	J	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.42	J	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.19	J M	0.045	0.20
Freon TF	0.090	J M	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	1.1	J	0.69	5.0
Isopropyl alcohol	0.50	J	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.19	J	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.091	J M	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.25	J	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.70		0.038	0.20
Tetrahydrofuran	0.28	J	0.18	5.0
1,1,1-Trichloroethane	0.080	J	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.047	J M	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.18	J	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.053	J	0.037	0.20
Trichloroethene	0.98		0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.18	J	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

CLA 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786VMP0202NC

Lab Sample ID: 280-64806-30
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_14.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 2016			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 2016			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.037	J	0.020	0.20
m,p-Xylene	0.091	J	0.025	0.50
Xylene, o-	0.041	J	0.018	0.20
Xylene (total)	0.13	J	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.033	J	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.28	2.5
Freon 22	0.85	J	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	1.0	J	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	1.1	J M	0.25	1.1
Freon TF	0.69	J M	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	2.7	J	1.6	12
Isopropyl alcohol	1.2	J	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

CLD 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 786VMP0202NC

Lab Sample ID: 280-64806-30
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_14.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 2016			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 2016			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.65	J	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.32	J M	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.74	J	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	3.4		0.19	0.98
Tetrahydrofuran	0.84	J	0.53	15
1,1,1-Trichloroethane	0.44	J	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.30	J M	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.57	J	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.22	J	0.15	0.82
Trichloroethene	5.2		0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.67	J	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.16	J	0.087	0.87
m,p-Xylene	0.39	J	0.11	2.2
Xylene, o-	0.18	J	0.078	0.87
Xylene (total)	0.57	J	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

CLK 3/15/15

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **786VMP0202NC**

Lab Sample ID: 280-64806-30
Client Matrix: Air

Date Sampled: 01/26/2015 1415
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-84069	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11918_14.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/02/2015 2016			Final Weight/Volume:	200 mL
Prep Date:	02/02/2015 2016			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.16	J	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 012615TB

Lab Sample ID: 280-64806-31TB

Client Matrix: Air

Date Sampled: 01/26/2015 0900

Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-007.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1539			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1539			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.20	U	0.056	0.50
Freon 22	0.20	U	0.080	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.052	0.20
Chloromethane	0.20	U	0.060	0.50
n-Butane	0.20	U	0.18	0.50
Vinyl chloride	0.030	U	0.026	0.20
1,3-Butadiene	0.080	U	0.036	0.20
Bromomethane	0.080	U	0.044	0.20
Chloroethane	0.080	U	0.061	0.50
Bromoethene(Vinyl Bromide)	0.030	U	0.020	0.20
Trichlorofluoromethane	0.080	U	0.045	0.20
Freon TF	0.080	U	0.041	0.20
1,1-Dichloroethene	0.030	U	0.010	0.20
Acetone	2.5	U	0.69	5.0
Isopropyl alcohol	0.50	U	0.15	5.0
Carbon disulfide	0.080	U	0.030	0.50
3-Chloropropene	0.20	U	0.16	0.50
Methylene Chloride	0.20	U	0.12	0.50
tert-Butyl alcohol	0.20	U	0.12	5.0
Methyl tert-butyl ether	0.030	U	0.022	0.20
trans-1,2-Dichloroethene	0.030	U	0.027	0.20
n-Hexane	0.030	U	0.028	0.20
1,1-Dichloroethane	0.030	U	0.028	0.20
Methyl Ethyl Ketone	0.20	U	0.092	0.50
cis-1,2-Dichloroethene	0.080	U	0.030	0.20
1,2-Dichloroethene, Total	0.080	U	0.053	0.20
Chloroform	0.080	U	0.038	0.20
Tetrahydrofuran	0.20	U	0.18	5.0
1,1,1-Trichloroethane	0.080	U	0.030	0.20
Cyclohexane	0.030	U	0.010	0.20
Carbon tetrachloride	0.030	U	0.011	0.20
2,2,4-Trimethylpentane	0.030	U	0.023	0.20
Benzene	0.030	U	0.029	0.20
1,2-Dichloroethane	0.080	U	0.052	0.20
n-Heptane	0.080	U	0.037	0.20
Trichloroethene	0.030	U	0.030	0.20
Methyl methacrylate	0.20	U	0.096	0.50
1,2-Dichloropropane	0.080	U	0.035	0.20
1,4-Dioxane	0.20	U	0.16	5.0
Bromodichloromethane	0.030	U	0.029	0.20
cis-1,3-Dichloropropene	0.030	U	0.029	0.20
methyl isobutyl ketone	0.20	U	0.18	0.50
Toluene	0.030	U	0.025	0.20
trans-1,3-Dichloropropene	0.030	U	0.026	0.20
1,1,2-Trichloroethane	0.080	U	0.037	0.20
Tetrachloroethene	0.030	U	0.030	0.20

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 012615TB

Lab Sample ID: 280-64806-31TB
Client Matrix: Air

Date Sampled: 01/26/2015 0900
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-007.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1539			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1539			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.17	0.50
Dibromochloromethane	0.030	U	0.020	0.20
1,2-Dibromoethane	0.030	U	0.018	0.20
Chlorobenzene	0.030	U	0.018	0.20
Ethylbenzene	0.030	U	0.020	0.20
m,p-Xylene	0.060	U	0.025	0.50
Xylene, o-	0.030	U	0.018	0.20
Xylene (total)	0.090	U	0.041	0.20
Styrene	0.030	U	0.016	0.20
Bromoform	0.030	U	0.025	0.20
Cumene	0.030	U	0.019	0.20
1,1,2,2-Tetrachloroethane	0.080	U	0.034	0.20
n-Propylbenzene	0.030	U	0.027	0.20
4-Ethyltoluene	0.030	U	0.020	0.20
1,3,5-Trimethylbenzene	0.030	U	0.019	0.20
2-Chlorotoluene	0.080	U	0.031	0.20
tert-Butylbenzene	0.030	U	0.020	0.20
1,2,4-Trimethylbenzene	0.030	U	0.016	0.20
sec-Butylbenzene	0.030	U	0.021	0.20
4-Isopropyltoluene	0.030	U	0.020	0.20
1,3-Dichlorobenzene	0.030	U	0.020	0.20
1,4-Dichlorobenzene	0.030	U	0.019	0.20
Benzyl chloride	0.030	U	0.018	0.20
n-Butylbenzene	0.030	U	0.028	0.20
1,2-Dichlorobenzene	0.030	U	0.018	0.20
1,2,4-Trichlorobenzene	0.080	U	0.034	0.50
Hexachlorobutadiene	0.080	U	0.036	0.20
Naphthalene	0.080	U	0.030	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.99	U	0.28	2.5
Freon 22	0.71	U	0.28	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.36	1.4
Chloromethane	0.41	U	0.12	1.0
n-Butane	0.48	U	0.43	1.2
Vinyl chloride	0.077	U	0.066	0.51
1,3-Butadiene	0.18	U	0.080	0.44
Bromomethane	0.31	U	0.17	0.78
Chloroethane	0.21	U	0.16	1.3
Bromoethene(Vinyl Bromide)	0.13	U	0.087	0.87
Trichlorofluoromethane	0.45	U	0.25	1.1
Freon TF	0.61	U	0.31	1.5
1,1-Dichloroethene	0.12	U	0.040	0.79
Acetone	5.9	U	1.6	12
Isopropyl alcohol	1.2	U	0.37	12
Carbon disulfide	0.25	U	0.093	1.6

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: 012615TB

Lab Sample ID: 280-64806-31TB
Client Matrix: Air

Date Sampled: 01/26/2015 0900
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-007.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1539			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1539			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.50	1.6
Methylene Chloride	0.69	U	0.42	1.7
tert-Butyl alcohol	0.61	U	0.36	15
Methyl tert-butyl ether	0.11	U	0.079	0.72
trans-1,2-Dichloroethene	0.12	U	0.11	0.79
n-Hexane	0.11	U	0.099	0.70
1,1-Dichloroethane	0.12	U	0.11	0.81
Methyl Ethyl Ketone	0.59	U	0.27	1.5
cis-1,2-Dichloroethene	0.32	U	0.12	0.79
1,2-Dichloroethene, Total	0.32	U	0.21	0.79
Chloroform	0.39	U	0.19	0.98
Tetrahydrofuran	0.59	U	0.53	15
1,1,1-Trichloroethane	0.44	U	0.16	1.1
Cyclohexane	0.10	U	0.034	0.69
Carbon tetrachloride	0.19	U	0.069	1.3
2,2,4-Trimethylpentane	0.14	U	0.11	0.93
Benzene	0.096	U	0.093	0.64
1,2-Dichloroethane	0.32	U	0.21	0.81
n-Heptane	0.33	U	0.15	0.82
Trichloroethene	0.16	U	0.16	1.1
Methyl methacrylate	0.82	U	0.39	2.0
1,2-Dichloropropane	0.37	U	0.16	0.92
1,4-Dioxane	0.72	U	0.58	18
Bromodichloromethane	0.20	U	0.19	1.3
cis-1,3-Dichloropropene	0.14	U	0.13	0.91
methyl isobutyl ketone	0.82	U	0.74	2.0
Toluene	0.11	U	0.094	0.75
trans-1,3-Dichloropropene	0.14	U	0.12	0.91
1,1,2-Trichloroethane	0.44	U	0.20	1.1
Tetrachloroethene	0.20	U	0.20	1.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.70	2.0
Dibromochloromethane	0.26	U	0.17	1.7
1,2-Dibromoethane	0.23	U	0.14	1.5
Chlorobenzene	0.14	U	0.083	0.92
Ethylbenzene	0.13	U	0.087	0.87
m,p-Xylene	0.26	U	0.11	2.2
Xylene, o-	0.13	U	0.078	0.87
Xylene (total)	0.39	U	0.18	0.87
Styrene	0.13	U	0.068	0.85
Bromoform	0.31	U	0.26	2.1
Cumene	0.15	U	0.093	0.98
1,1,2,2-Tetrachloroethane	0.55	U	0.23	1.4
n-Propylbenzene	0.15	U	0.13	0.98
4-Ethyltoluene	0.15	U	0.098	0.98
1,3,5-Trimethylbenzene	0.15	U	0.093	0.98
2-Chlorotoluene	0.41	U	0.16	1.0

Client: FPM Remediations Inc

Job Number: 280-64806-1

Client Sample ID: **012615TB**

Lab Sample ID: 280-64806-31TB
Client Matrix: Air

Date Sampled: 01/26/2015 0900
Date Received: 01/28/2015 0820

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-83984	Instrument ID:	CHX.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11880-007.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/29/2015 1539			Final Weight/Volume:	200 mL
Prep Date:	01/29/2015 1539			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.16	U	0.11	1.1
1,2,4-Trimethylbenzene	0.15	U	0.079	0.98
sec-Butylbenzene	0.16	U	0.12	1.1
4-Isopropyltoluene	0.16	U	0.11	1.1
1,3-Dichlorobenzene	0.18	U	0.12	1.2
1,4-Dichlorobenzene	0.18	U	0.11	1.2
Benzyl chloride	0.16	U	0.093	1.0
n-Butylbenzene	0.16	U	0.15	1.1
1,2-Dichlorobenzene	0.18	U	0.11	1.2
1,2,4-Trichlorobenzene	0.59	U	0.25	3.7
Hexachlorobutadiene	0.85	U	0.38	2.1
Naphthalene	0.42	U	0.16	2.6

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774776CA01LA	774776-Influent	1-20	1345	GS	AC	0/0	N	-	-	1	1	1	Can #3525
785786CA01LA	785786-Influent	1-20	1355	GS	AC	0/0	N	-	-	1	1	1	Can # 5027

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig)	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/29/15	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABEN	Time: 1020	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
AC = Air Container

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

280-64806 Chain of Custody

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 B101 Sampler Name: Katrina Mattice	Send Results to: Daniel Baldyga FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 207
Carrier: Fedex	Sampler Signature: Katrina Mattice	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
101VMP0101FA	101VMP-1	1/21	1130	GS	AC	0/0	N	-30	-5	1	1	1	can #3621 Reg#6299
101VMP0201FA	101VMP-2	1/21	1135	GS	AC	0/0	N	-26.5	-6	1	1	1	can #3758 Reg#4688
101VMP0301FA	101VMP-3	1/21	1125	GS	AC	0/0	N	-26	-5	1	1	1	can #4153 Reg#6699
101VMP0201FC	101VMP-2	1/21	1135	GS	AC	0/0	FD	-27.5	-2	1	1	1	can #3365 Reg#4976
101IA0305FA	101IA-03(BADrP)	1/21	1105	GS	AC	0/0	N	-30	-10	1	1	1	Can #5081 Reg# 3443
101IA0405FA	101IA-04(BADP)	1/21	1110	GS	AC	0/0	N	-30	-5	1	1	1	can #5407 Reg# 4043
101OA0305FA	101OA-03	1/21	1115	GS	AC	0/0	N	-27.5	-4	1	1	1	can #4278 Reg #4202
101CA01FA	101 SVE Influent	1.20	1410	GS	AC	0/0	N	NA	NA	1	1	1	Can # 5979
~~TB~~	~~Trip Blank~~			~~GS~~	~~AC~~	~~0/0~~	~~TB~~			~~1~~	~~1~~	~~1~~	KM

Sample Condition Upon Receipt at Laboratory:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) KM	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/28/15	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TARSN	Time: 1020	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
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SP = Submersible Pump
AC = Air Container

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774VMP0101MA	774VMP-1	1/22	1355	GS	AC	0/0	N	-30	-4	1	1	1	Can # 4442, Reg # 4592
774VMP0201MA	774VMP-2	1/22	1405	GS	AC	0/0	N	-31	-5	1	1	1	Can # 3007, Reg # 4631
774VMP0301MA	774VMP-3	1/22	1410	GS	AC	0/0	N	-26	-4	1	1	1	Can # 3421, Reg # 4978
776VMP0101MC	776VMP-1	1/22	1250	GS	AC	0/0	N	-30	-3	1	1	1	Can # 4338, REg # 4627
776VMP0101MA	776VMP-1	1/22	1250	GS	AC	0/0	N	-30	-3	1	1	1	Can # 2596, Reg # 4615
776VMP0201MA	776VMP-2	1/22	1244	GS	AC	0/0	N	-28	0	1	1	1	Can # 3033, Reg # 4714
776VMP0301MA	776VMP-3	1/22	1255	GS	AC	0/0	N	-30	-4	1	1	1	Can # 5155, Reg #4691
774IA1MA	774-IA	1/22	0805	GS	AC	0/0	N	-30	-4	1	1	1	Can # 4296, Reg # 5177
774776OA1MA	774776-OA	1/22	0800	GS	AC	0/0	N	-30	-6	1	1	1	Can # 4066, Reg # 3125
776IA1MA	776-IA	1/22	0810	GS	AC	0/0	N	-30	-4	1	1	1	Can # 5465, REg # 3740

Sample Condition Upon Receipt at Laboratory: Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/19/15	#2 Received by: (Sig)	Date: 1/29/15	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABOR	Time: 1020	Company Name:	Time:

MATRIX
WG = Ground water

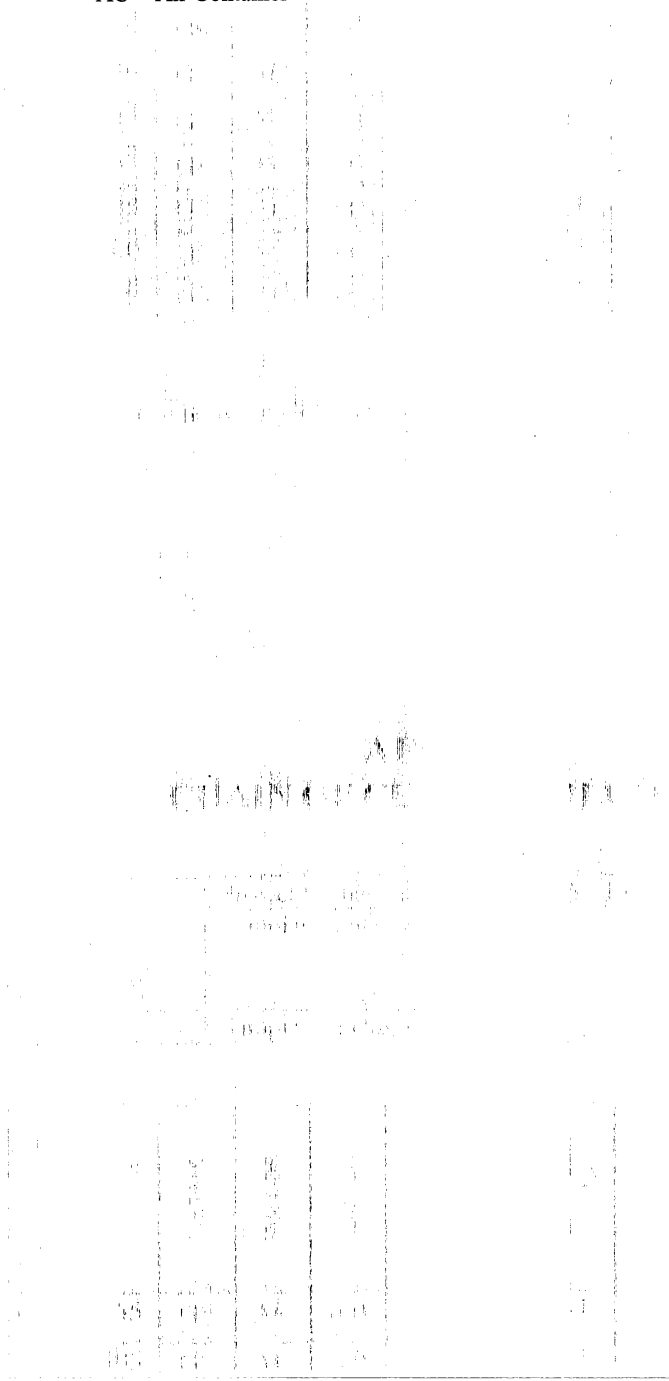
SMCODE
B = Bailer

SACODE
N = Normal Sample

WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
AC = Air Container

AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate



AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 212
Carrier: Fedex	Sampler Signature: Katrina Mattice	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
786VMP0202NA	786VMP-2	1126	1415	GS	AC	0/0	N	-30	-1	1	1	1	Can#4914 Reg#4582
786VMP0302NA	786VMP-3	1126	1420	GS	AC	0/0	N	-30	-5	1	1	1	Can#3544 Reg#4589
786VMP0102NA	786VMP-1	1126	1505	GS	AC	0/0	N	-28	-4	1	1	1	Can #2743 Reg#4599
785IA14	785-IA	1126	1005	GS	AC	0/0	N	-30	-3	1	1	1	can #2781 Reg# 4053
786IA13	786-IA	1126	1000	GS	AC	0/0	N	-29	-18.5	1	1	1	can #5692 Reg# 5186
785786OA10	785786-OA	1126	0955	GS	AC	0/0	N	-30	-2	1	1	1	can #4380 reg#4724
785VMP0202NA	785VMP-2	1126	1520	GS	AC	0/0	N	-28	-2	1	1	1	Can#5017 Reg#4974
785VMP0501NA	785VMP-5	1126	1530	GS	AC	0/0	N	-28	-1	1	1	1	Can# 3338 Reg#4588
785VMP0401NA	785VMP-4	1126	1525	GS	AC	0/0	N	-31	-3	1	1	1	can# 2515 Reg#5321
786VMP0202NC	786VMP-2	1126	1415	GS	AC	0/0	N	-30	-2	1	1	1	Can#4142 Reg#4636
012615TB	Trip Blank	1126	0900	GS	AC	0/0	T	NA	NA	1	1	1	Can#2634

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) KM	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/28/15	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABTW	Time: 1020	Company Name:	Time:

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 212
Carrier: Fedex	Sampler Signature: Katrina Mattice	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774776CA01LA	774776-Influent	1-20	1345	GS	AC	0/0	N	-	-	1	1	1	Can#3525
785786CA01LA	785786-Influent	1-20	1355	GS	AC	0/0	N	-	-	1	1	1	Can# 5027

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) km	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/29/15	#3 Received by: (Sig)	Date: 1/30/15
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABV	Time: 1020	Company Name: TABV	Time: 1100

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
AC = Air Container

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

280-64806 Chain of Custody

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
786VMP0202NA	786VMP-2	1/26	1415	GS	AC	0/0	N	-30	-1	1	1	1	Can#491A Reg#4582
786VMP0302NA	786VMP-3	1/26	1420	GS	AC	0/0	N	-30	-5	1	1	1	Can#3544 Reg#4589
786VMP0102NA	786VMP-1	1/26	1505	GS	AC	0/0	N	-28	-4	1	1	1	Can#2743 Reg#4599
785IA14	785-IA	1/26	1005	GS	AC	0/0	N	-30	-3	1	1	1	Can#2781 Reg#4053
786IA13	786-IA	1/26	1000	GS	AC	0/0	N	-29	-12.5	1	1	1	can#5692 Reg#5186
785786OA10	785786-OA	1/26	0955	GS	AC	0/0	N	-30	-2	1	1	1	Can#4380 Reg#4724
785VMP0202NA	785VMP-2	1/26	1520	GS	AC	0/0	N	-28	-2	1	1	1	Can#5017 Reg#4974
785VMP0501NA	785VMP-5	1/26	1530	GS	AC	0/0	N	-28	-1	1	1	1	Can#3338 Reg#4588
785VMP0401NA	785VMP-4	1/26	1525	GS	AC	0/0	N	-31	-3	1	1	1	can#2515 Reg#5321
786VMP0202NC	786VMP-2	1/26	1415	GS	AC	0/0	N	-30	-2	1	1	1	Can#4142 Reg#4636
012615TB	Trip Blank	1/26	0900	GS	AC	0/0	T	NA	NA	1	1	1	Can#2634

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) KM	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/28/15	#3 Received by: (Sig)	Date: 1/30/15
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABTV	Time: 1620	Company Name: TABTV	Time: 1130 JA

1100

Recd 1/30/15 JEA

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02/04/2015

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 B101 Sampler Name: Katrina Mattice	Send Results to: Daniel Baldyga FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 207
Carrier: Fedex	Sampler Signature: Katrina Mattice	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
101VMP0101FA	101VMP-1	1/21	1130	GS	AC	0/0	N	-30	-5	1	1	1	can #3621 Reg#6299
101VMP0201FA	101VMP-2	1/21	1135	GS	AC	0/0	N	-30	-6	1	1	1	can #3758 Reg# 4688
101VMP0301FA	101VMP-3	1/21	1125	GS	AC	0/0	N	-28	-5	1	1	1	can # 4153 Reg#6699
101VMP0201FC	101VMP-2	1/21	1135	GS	AC	0/0	FD	-27.5	-2	1	1	1	can #3365 Reg#4976
101IA0305FA	101IA-03(BADrP)	1/21	1105	GS	AC	0/0	N	-30	-10	1	1	1	can #5081 Reg# 3443
101IA0405FA	101IA-04(BADP)	1/21	1110	GS	AC	0/0	N	-30	-5	1	1	1	can #5407 Reg# 4043
101OA0305FA	101OA-03	1/21	1115	GS	AC	0/0	N	-27.5	-4	1	1	1	can #4278 Reg #4202
101CA01FA	101 SVE Influent	1-20	1410	GS	AC	0/0	N	NA	NA	1	1	1	can # 5979
~~TB~~	~~Trip Blank~~			~~GS~~	~~AC~~	~~0/0~~	~~TB~~			~~1~~	~~1~~	~~1~~	KM

Sample Condition Upon Receipt at Laboratory:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) KM	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/28/15	#2 Received by: (Sig)	Date: 1/28/15	#3 Received by: (Sig)	Date: 1/30/15
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TARGET	Time: 1020	Company Name: FABTV	Time: 1100

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Kathryn Kelly Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2015	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774VMP0101MA	774VMP-1	1/22	1355	GS	AC	0/0	N	-30	-4	1	1	1	Can # 4442, Reg # 4592
774VMP0201MA	774VMP-2	1/22	1405	GS	AC	0/0	N	-31	-5	1	1	1	Can # 3007, Reg # 4631
774VMP0301MA	774VMP-3	1/22	1410	GS	AC	0/0	N	-26	-4	1	1	1	Can # 3421, Reg # 4978
776VMP0101MC	776VMP-1	1/22	1250	GS	AC	0/0	N	-30	-3	1	1	1	Can # 4338, REg # 4627
776VMP0101MA	776VMP-1	1/22	1250	GS	AC	0/0	N	-30	-3	1	1	1	Can # 2596, Reg # 4615
776VMP0201MA	776VMP-2	1/22	1244	GS	AC	0/0	N	-28	0	1	1	1	Can # 3033, Reg # 4714
776VMP0301MA	776VMP-3	1/22	1255	GS	AC	0/0	N	-30	-4	1	1	1	Can # 5155, Reg #4691
774IA1MA	774-IA	1/22	0805	GS	AC	0/0	N	-30	-4	1	1	1	Can # 4296, Reg # 5177
774776OA1MA	774776-OA	1/22	0800	GS	AC	0/0	N	-30	-6	1	1	1	Can # 4066, Reg # 3125
776IA1MA	776-IA	1/22	0810	GS	AC	0/0	N	-30	-4	1	1	1	Can # 5465, REg # 3740

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 1/27/15	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) KM	Date: 1/29/15	#2 Received by: (Sig)	Date: 1/29/15	#3 Received by: (Sig)	Date: 1/30/15
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TABTV	Time: 1020	Company Name: TABTV	Time: 1100

MATRIX
WG = Ground water

SMCODE
B = Bailer

SACODE
N = Normal Sample