



AECOM
100 Corporate Parkway, Suite 341
Amherst, NY 14226-1200

716.836.4506 tel
716.834.8785 fax

February 26, 2014

Mr. Glenn May
New York State Department of Environmental Conservation, Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999

**Subject: First Quarter 2014 Groundwater Monitoring Report
January 2014 Sampling Event
Former Scott Aviation Facility – Plant 2
Lancaster, New York
NYSDEC Site Code No. 9-15-149**

Dear Mr. May:

On behalf of Scott Technologies, Inc., AECOM Technical Services, Inc. (AECOM) is pleased to provide the First Quarter 2014 Groundwater Monitoring Report for the former Scott Aviation Facility (site) located in Lancaster, New York (**Figure 1**). Quarterly groundwater monitoring activities have been performed in accordance with the New York State Department of Environmental Conservation (NYSDEC), Administrative Order on Consent (AOC), Index No. B9-0377095-05, for the former Scott Aviation property (formerly Figgie International), NYSDEC Site Code No. 9-15-149. This report has been developed in accordance with the NYSDEC, Division of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.

Groundwater samples were collected from select monitoring wells in fulfillment of the site AOC groundwater monitoring requirements. A new monitoring schedule was implemented based on Table 10 presented in the Periodic Review Report (PRR) (April 3, 2012 through April 3, 2013), dated July 2013, and the wells sampled during this groundwater monitoring event reflect this schedule. Additionally, vapor samples were collected as part of the January 2014 sampling event from the combined dual-phase extraction (DPE) remediation system's air discharge sampling ports to ensure that the treated system effluent was in compliance with NYSDEC vapor discharge guidance criteria. Included in this report are a description of the project background, groundwater and vapor monitoring activities, operation and maintenance (O&M) activities for the DPE remediation system, and a summary of groundwater quality and vapor effluent results.

Project Background

Scott Aviation, Inc. was sold to Zodiac Acquisitions Corporation, and the facility is now occupied by AVOX Systems Inc. (AVOX). Responsibility for the DPE groundwater remediation system located at 25A Walter Winter Drive, west of AVOX Plant 2, was retained by Scott Technologies, Inc., the former parent company of Scott Aviation, Inc. Scott Technologies, Inc. has retained the services of AECOM for the ongoing O&M of the DPE remediation system and related groundwater monitoring activities.

AECOM conducted a site investigation during February 2003 in fulfillment of the document "Site Investigation Work Plan," dated December 31, 2002 (NYSDEC approval dated January 15, 2003). A comprehensive "Site Investigation Completion Report" (SICR) was submitted to NYSDEC on

June 30, 2003; the report was approved by NYSDEC in August 2003. At the request of NYSDEC, AECOM prepared a "Remedial Design Work Plan" (RDWP) to complete the additional remedial work recommended in the SICR. The RDWP was submitted to NYSDEC on November 21, 2003, and the document was approved by NYSDEC on January 5, 2004.

Per the approved RDWP, a DPE remediation system was installed at the site during the period February 2004 through May 2004, and the DPE system was initially started on May 14, 2004. The DPE system was combined with a pre-existing groundwater collection trench (GWCT) system that was started on March 1, 1996.

The objectives for this combined remediation system (collectively known as the combined DPE remediation system) include:

- Maintaining hydraulic capture of groundwater containing dissolved volatile organic compounds (VOCs) along the western Plant 2 property boundary;
- Inducing a depression in the water table surface and reversing the groundwater flow direction along the western Plant 2 property boundary; and
- Reducing VOC concentrations in perched groundwater and soil.

Figure 2 depicts the location of site groundwater monitoring wells and piezometers, DPE recovery wells and system piping, enclosed DPE system trailer, and pre-existing GWCT and treatment building. **Figure 3** provides the process and instrumentation diagram for the combined DPE remediation system.

At the conclusion of the initial one-year O&M period (May 14, 2004 to July 19, 2005), a "Remedial Action Engineering Report" (RAER) was prepared to summarize the combined DPE remediation system as-built design, combined DPE remediation system start-up, O&M activities, and quarterly monitoring data, and to provide recommendations for continued system operation, system optimization, sampling frequency, and O&M. The 2005 RAER was submitted to NYSDEC on November 11, 2005. In a letter dated December 13, 2005, NYSDEC accepted the 2005 RAER and requested that site monitoring wells MW-4, MW-8R, and MW-16S be added to the quarterly site sampling schedule.

The second year of combined DPE groundwater remediation system operation was summarized in the 2006 RAER (July 20, 2005 through July 20, 2006) and was submitted to NYSDEC in November 2006. The third year of combined DPE groundwater remediation system operation was summarized in the 2007 RAER (July 21, 2006 through October 15, 2007) and was submitted to NYSDEC in January 2008. The fourth year of combined DPE groundwater remediation system operation was summarized in the 2008 RAER (October 15, 2007 through January 22, 2009) and was submitted to NYSDEC in April 2009. The fifth year of combined DPE groundwater remediation system operation was summarized in the 2009 RAER (January 22, 2009 through April 8, 2010) and was submitted to NYSDEC in June 2010.

Per a letter from NYSDEC dated August 16, 2010, an Institutional Controls/Engineering Controls (IC/EC) certification will, as of that correspondence, be required for the site each calendar year, and it is to include four quarters of groundwater sampling based on the attached **Table 1** (Table 1 is updated quarterly; the attached Table 1 presents the groundwater monitoring schedule for the site from January 2014 through January 2015). The August 2010 NYSDEC letter also stated that, as of that correspondence, the RAER should be revised into a PRR. Therefore, the sixth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 8, 2010 through April 7, 2011) and submitted to NYSDEC in June 2011. The seventh year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2011 through April

3, 2012) and submitted to NYSDEC in May 2012. The eighth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 3, 2012 through April 3, 2013) and submitted to NYSDEC in July 2013. An IC/EC certification was included with each PRR.

Quarterly Groundwater Monitoring Activities – January 2014

AECOM personnel collected quarterly groundwater samples on January 21-22, 2014, in accordance with the procedures outlined in the NYSDEC-approved November 2003 RDWP and the August 2010 letter. Monitoring wells sampled in January 2014 included MW-2, MW-3, MW-6, MW-10, MW-11 and MW-16S (**Figure 2**). Note: MW-4 and MW-12 were not sampled in January 2104 due to deep snow piles covering those wells. Field forms generated during this sampling event are provided in **Appendix A**. Groundwater samples were analyzed for VOCs by TestAmerica Laboratories, Inc. (Amherst, New York) using United States Environmental Protection Agency (EPA) SW-846 Method 8260C.

Prior to the collection of groundwater samples, a complete round of groundwater levels was measured in all accessible site wells and piezometers (note water levels were not collected from MW-4, MW-8R, and MW-12 due to snow piles). **Table 2** provides a summary of groundwater elevations measured on January 21, 2014. A summary of current and historical groundwater levels and corresponding elevations and hydrographs for each monitoring well and nested piezometer pair are provided in **Appendix B**. Monitoring wells MW-2, MW-3, MW-6, MW-8R, MW-9, MW-10, MW-11, and MW-12 are screened across both the shallow and deep overburden groundwater zones. The nested piezometer pairs (MW-13S/D, MW-14S/D, MW-15S/D, and MW-16S/D) are discretely screened with one piezometer screened in the shallow overburden groundwater zone ('S' designation) and one piezometer screened in the deep overburden groundwater zone ('D' designation). **Figure 4** provides the groundwater surface contours and the corresponding groundwater flow direction using monitoring well and deep piezometer water elevation data collected on January 21, 2014.

Groundwater elevations measured on January 21, 2014 ranged from 685.77 feet above mean sea level (AMSL) at MW-15S to 672.57 feet AMSL at MW-15D. The average groundwater surface elevation across the site was 1.5 feet lower when compared to the prior round of groundwater measurements collected in October 2013, as the DPE system was fully operational during the January 2014 sampling event (Note: the DPE system was not operating during the October 2013 sampling activity). Based on the January 2014 water level measurements, the groundwater surface beneath the site exhibits inward flow towards the GWCT and DPE wells. As **Figure 4** illustrates, the GWCT induces groundwater flow reversal along the western AVOX Plant 2 property boundary. This reversal in groundwater flow provides hydraulic capture of VOCs present in the overburden groundwater that might otherwise migrate off-site.

Groundwater Quality Results – January 2014

Table 3 summarizes VOC data for groundwater samples collected in January 2014. The table below summarizes VOCs detected in groundwater above their detection limits, their respective concentration ranges, the number of detections, and the number of those detections that exceeded the site-specific Remedial Action Objectives (RAOs) or the New York Code of Rules and Regulations (NYCRR), Title 6, Part 702.15(a)(2) and 703.5. Note that in some cases the detection limits for certain VOCs were set above their respective RAO's due to dilution factors (high concentration of target analyte[s]).

**Groundwater Quality Results
January 2014**

VOCs Detected in Groundwater	Concentration Range (µg/L)	Number of Detections	RAO/NYCRR Exceedances
1,1-Dichloroethene	0.67 - 830	4	3
Vinyl chloride	2.3 – 3,700	3	3
cis-1,2-Dichloroethene	2.3 – 43,000	3	2
1,1,1-Trichloroethane	0.85 – 2,700	2	1
Chloroethane	1.9 – 3.8	2	1
Trichloroethene	110,000	1	1
1,1-Dichloroethene	1.3	1	0
Cyclohexane	1.1	1	0
Methylcyclohexane	0.18	1	0

Nine VOCs were detected in groundwater above their associated detection limit during the monitoring period. Six of the nine VOCs detected exceeded either the site-specific RAOs for groundwater or the NYCRR criteria, including 1,1-dichloroethene (1,1-DCE), vinyl chloride (VC), cis-1,2-dichloroethene (cis-1,2-DCE), 1,1,1-trichloroethane (1,1,1-TCA), chloroethane, and trichloroethene (TCE). The occurrence of these compounds is primarily in the vicinity of the former on-site source area, and VOC concentrations decrease significantly in the vicinity of the perimeter monitoring wells.

An electronic copy of the analytical laboratory data package for the January 2014 groundwater monitoring event is provided in **Appendix C**. A complete hard copy of the analytical data report can be made available to NYSDEC upon request.

The presence and distribution of TCE daughter products (cis-1,2-DCE and VC) and 1,1,1-TCA daughter products (1,1-DCA and chloroethane) provides supportive evidence that the attenuation of TCE and 1,1,1-TCA and its daughter products continues to occur naturally on the site, via reductive dechlorination. In addition, attenuation may also be the result of the previously performed chemical oxidation injection pilot test. The occurrence of these daughter products appears to be directly related to the distribution of TCE and 1,1,1-TCA in the subsurface.

Historical trend plots for the wells sampled during this quarter for concentrations of TCE, cis-1,2-DCE, VC, 1,1,1-TCA, 1,1-DCA, and chloroethane are provided in **Appendix D**. As stated above, the VOC concentrations in groundwater continue to show a degradation trend as a result of naturally occurring reductive dechlorination processes, and potentially as a result of the chemical oxidation injection pilot test. Additionally, historical concentrations of VOCs in soil vapor and groundwater are also decreasing as a result of extraction and treatment through the combined DPE remediation system. Because TCE is considered the primary source of groundwater contamination at the site, a summary of historical and current TCE concentrations in groundwater for the six monitoring wells and piezometers sampled in January 2014 is included in **Table 4**. Recall that the DPE component of the combined remediation system was started May 14, 2004, and the chemical oxidation injection pilot test with a first series of injections was performed between July and October 2010, and a second series of injections performed between June and October 2011.

During this quarterly groundwater monitoring period, and consistent with previous monitoring periods, TCE was not detected above its RAO in site perimeter monitoring wells MW-2, MW-3, MW-6, MW-10, and MW-11 (Note: MW-12 was not sampled during this event).

Table 4 shows a summary of historical and current TCE concentrations. Based on the January 2014 groundwater data, there was a slight decrease in TCE concentrations at MW-16S from the previous time that this well was sampled (i.e., April 2013). Overall, decreases in TCE concentrations observed since the combined DPE groundwater remediation system was installed in May 2004 indicates the system continues to reduce VOC concentrations in overburden groundwater and soil at the site.

Quarterly Combined DPE Remediation System Vapor Effluent Monitoring Activities – January 2014

AECOM personnel collected one vapor effluent sample from the groundwater remediation system vapor discharge stack on January 21, 2014. A Summa canister was used to collect the vapor sample from the permanent sample port located on the air stripper (AS) air stack. **Figure 3** shows the location of the vapor sample port. Note: an air sample was not obtained from the vapor effluent discharge from the DPE system at the liquid ring pump (LRP), as the LRP effluent air stack was frozen. The only sample collected during this event was obtained from the AS unit discharge. The air sample was analyzed for VOCs using EPA Method TO-15 (modified TO-14A) by TestAmerica Laboratories, Inc. located in Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – January 2014

The system vapor effluent results are summarized in **Table 5**, and an electronic copy of the analytical laboratory data package is provided on the enclosed CD in **Appendix C**. Twenty VOCs were detected in the AS unit effluent. The total VOCs discharged were 79 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in the AS unit effluent. The calculated VOC discharge-loading rate for the combined DPE remediation system was approximately 0.0001 pounds per hour (lb/hr), which is below the NYSDEC discharge guidance value of 0.5 lb/hr.

Combined DPE Remediation System Operation and Maintenance

During the reporting period, AECOM monitored system performance, conducted routine O&M, and responded to system alarms and periodic breakdowns of the combined DPE remediation system. O&M activities conducted in addition to routine O&M activities during the monitoring period included the following:

- AECOM and AECOM's subcontractor Matrix Environmental Technologies, Inc. (Matrix) completed installation of the rebuilt liquid ring pump.
- AECOM and Matrix completed repairs on the DPE remedial system (hold tank transfer pump and associated conveyance piping).
- AECOM performed quarterly O&M including cleaning of the knock-out tank, hold tank, bag filter vessels, winterization of the DPE remediation trailer, etc.
- AECOM and Matrix completed replacement of knockout tank transfer pump and drive coupling.

- AECOM and Matrix completed repairs (replacement) to the conveyance piping between the DPE trailer and the air stripper (AS), and disassembled and cleaned the AS.
- AECOM oversaw the 180-day hazardous waste pickup by subcontractor Heritage Environmental Services on January 21, 2014.

The combined DPE remediation system was partially operational throughout the monitoring period. Based on a system operational period from October 10, 2013 (fourth quarter groundwater sampling event) to January 22, 2014, the total combined DPE system runtime was approximately 27 percent. This runtime percentage was derived by dividing the LRP run timer (44,142.3 hours on January 22, 2014 minus 43,476.6 hours on October 10, 2013 equals 665.7 hours) by the duration of the monitoring period (2,492 hours). During this operational period, the estimated total volume of groundwater treated and discharged by the AS unit to the local sanitary sewer was 245,397 gallons at a combined average flow rate of 1.64 gallons per minute.

Summary

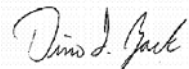
The combined DPE remediation system (DPE and GWCT) was partially operational during First Quarter 2014 groundwater sampling and monitoring activities that occurred on January 21-22, 2014, as a result of preventive service to the DPE LRP. TCE was not detected above its RAO in site perimeter monitoring wells MW-2, MW-3, MW-6, MW-10, and MW-11.

Based on the results of the January 2014 sampling event, the combined DPE remediation system continues to maintain hydraulic capture of the overburden groundwater. In addition, the system continues to make progress towards the reduction of the concentration of VOCs present in site soil and groundwater. Vapor emissions produced by the system during the First Quarter 2014 were less than the NYSDEC discharge guidance value of 0.5 lb/hr (note again, the DPE system was temporarily down for preventive service during the sampling event).

The next monitoring event is scheduled for April 2014; a list of the monitoring wells and piezometers to be sampled is included in **Table 1**.

If you have any questions regarding this submission, please do not hesitate to contact me at (716) 836-4506 or via e-mail at dino.zack@aecom.com.

Yours sincerely,

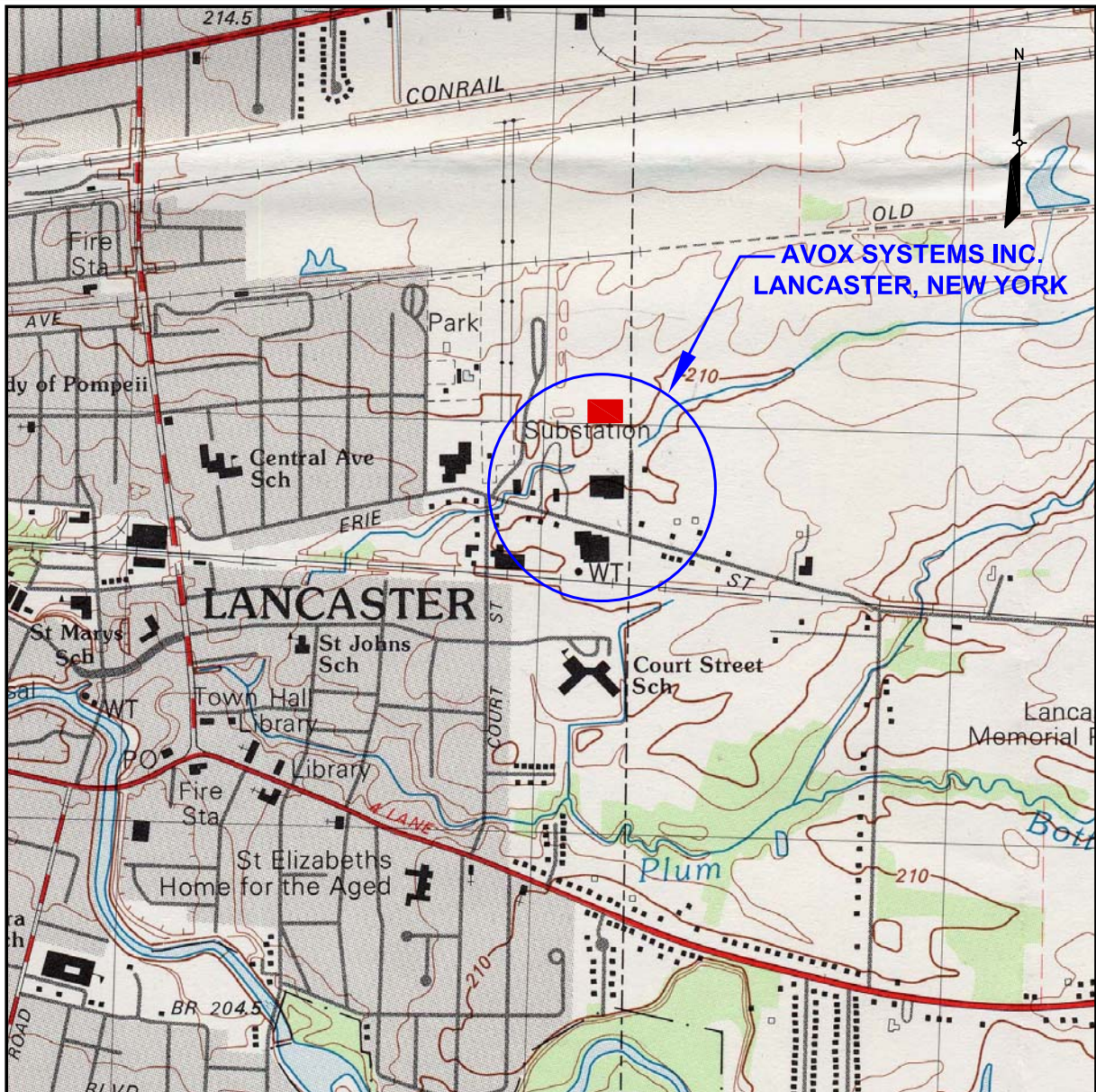


Dino L. Zack, P.G.
Project Manager
dino.zack@aecom.com

\Enclosures

cc: Stuart Rixman, Tyco International (Electronic Copy)
Joseph Janeczek, Tyco International (Electronic Copy)
Jennifer Davide, AVOX Systems Inc. (Electronic Copy)
AECOM Project File (Electronic Copy)

FIGURES



SOURCE:
 1982 GEOLOGIC SURVEY 7.5 X 15 MINUTE TOPOGRAPHIC QUADRANGLE
 LANCASTER, NEW YORK

LEGEND

■ AVOX PLANT 3 ADDED AFTER PUBLICATION OF LANCASTER, NEW YORK
 TOPOGRAPHIC QUADRANGLE.

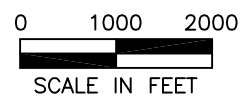
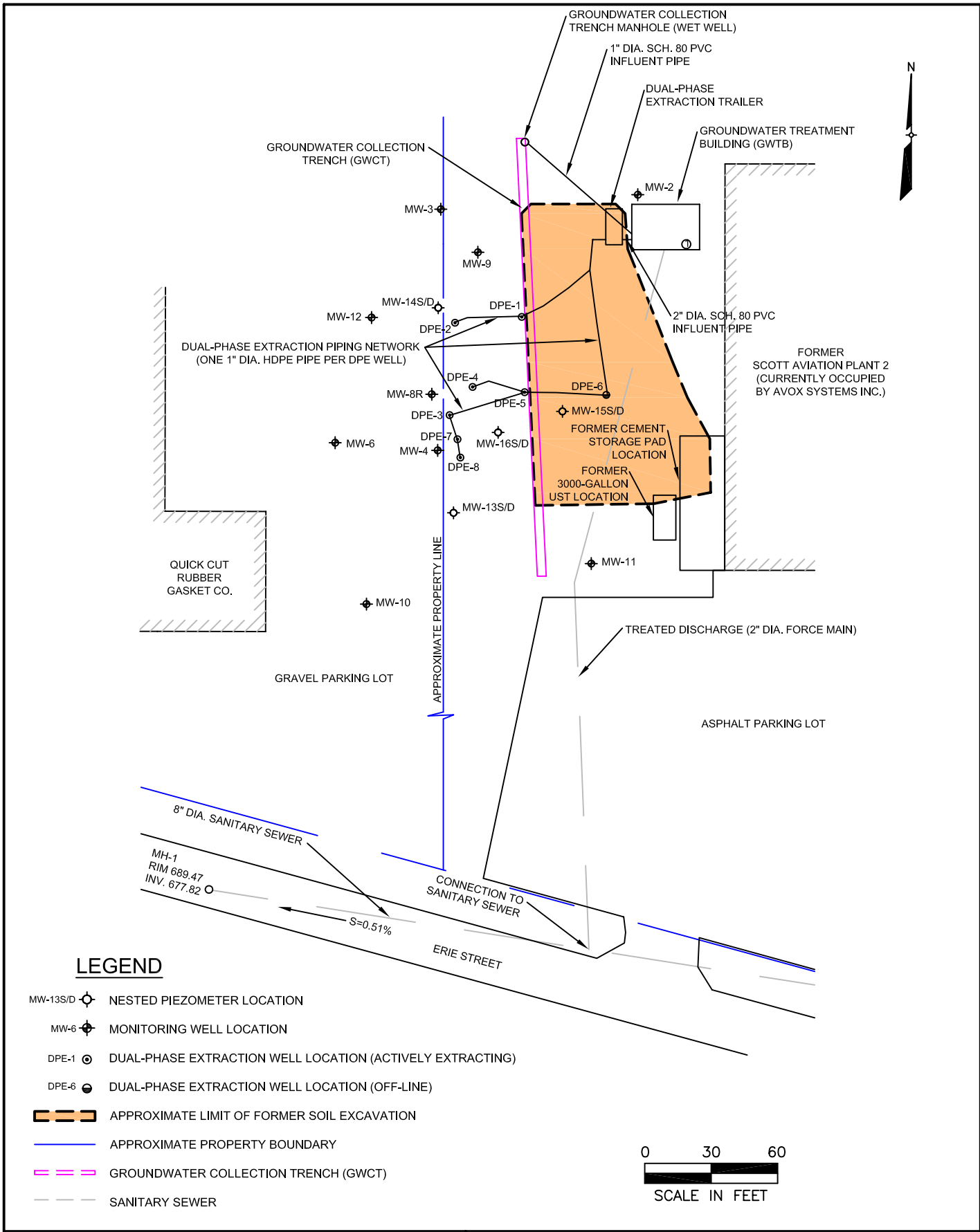


FIGURE 1
SITE LOCATION MAP

FORMER SCOTT AVIATION FACILITY AREA 1
 LANCASTER, NEW YORK

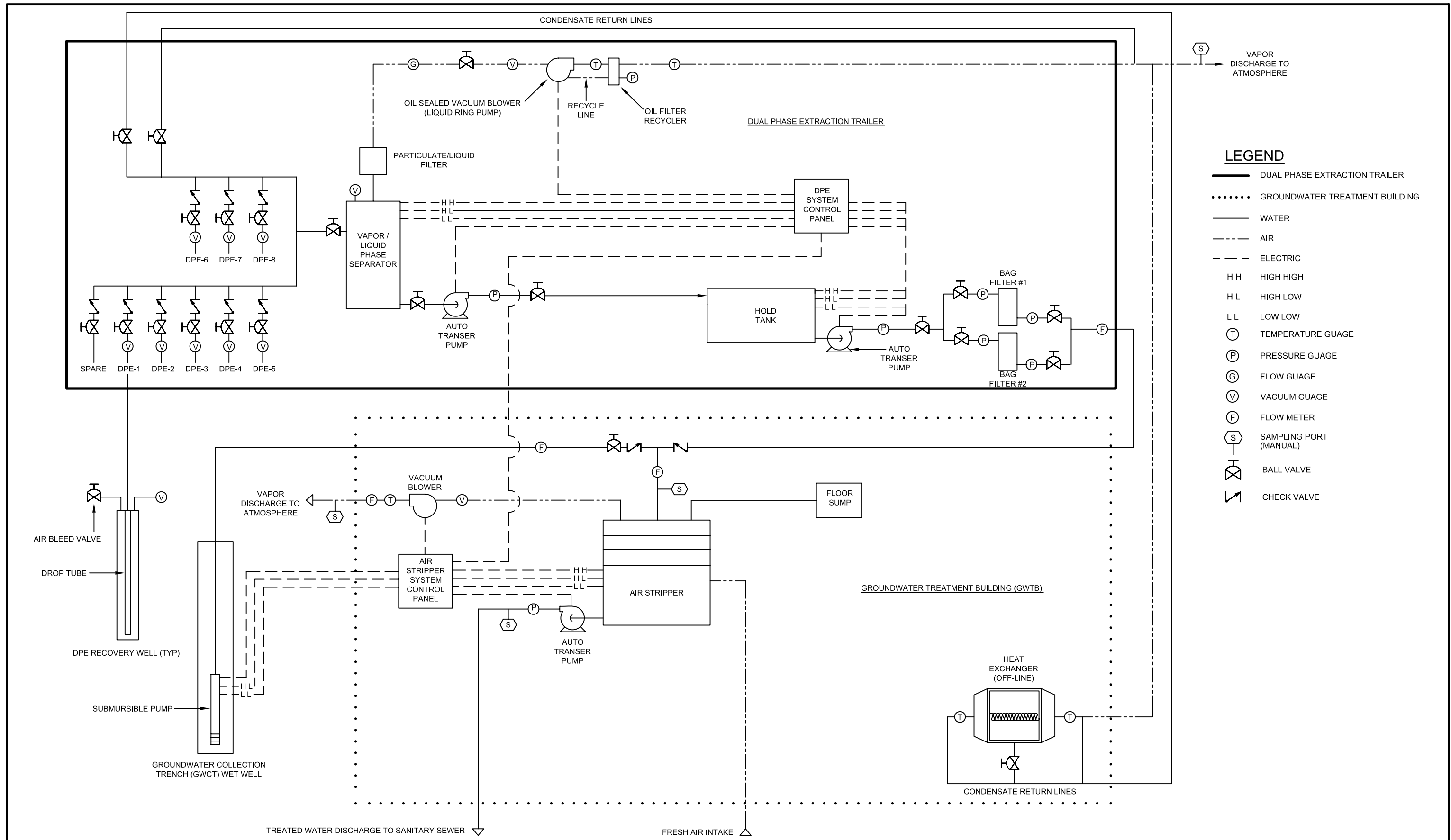




**FIGURE 2
SITE FEATURES MAP**

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK





LEGEND

- DUAL PHASE EXTRACTION TRAILER
- GROUNDWATER TREATMENT BUILDING
- WATER
- - - AIR
- - - ELECTRIC
- HH HIGH HIGH
- HL HIGH LOW
- LL LOW LOW
- (T) TEMPERATURE GAUGE
- (P) PRESSURE GAUGE
- (G) FLOW GAUGE
- (V) VACUUM GAUGE
- (F) FLOW METER
- (S) SAMPLING PORT (MANUAL)
- (Ball Valve Symbol) BALL VALVE
- (Check Valve Symbol) CHECK VALVE



FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM
FOR COMBINED DUAL PHASE EXTRACTION
REMEDICATION SYSTEM
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

Quarterly Groundwater Monitoring Water Level Data - January 21, 2014
 Former Scott Aviation Facility
 NYSDEC Site Code No. 9-15-149
 Lancaster, New York

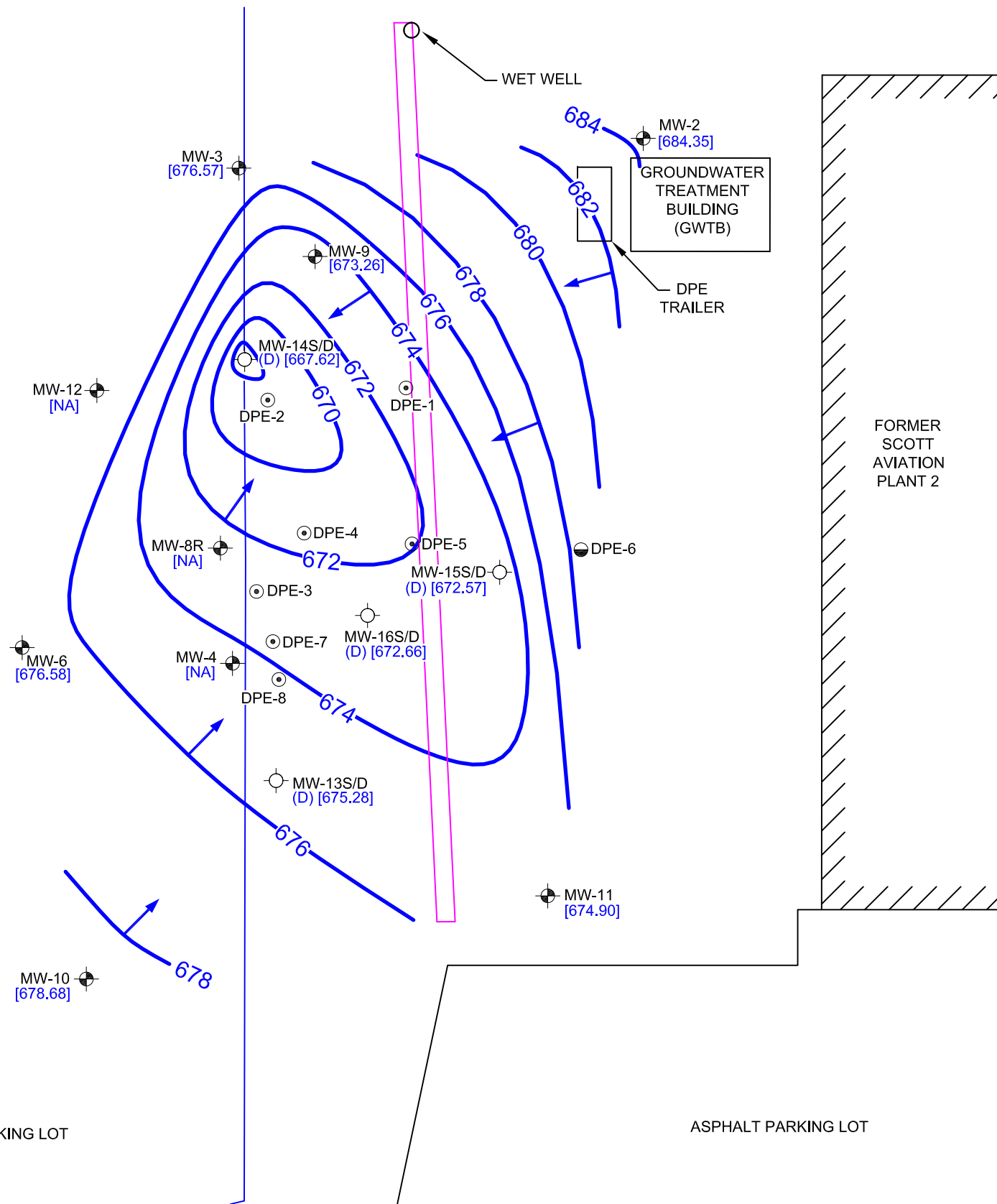
Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	690.35	6.00	684.35
MW-3	687.02	10.45	676.57
MW-4	686.42	NA	NA
MW-6	686.53	9.95	676.58
MW-8R	686.21	NA	NA
MW-9	688.64	15.38	673.26
MW-10	687.41	8.73	678.68
MW-11	688.65	13.75	674.90
MW-12	686.15	NA	NA
Nested Piezometers			
MW-13S	686.60	4.95	681.65
MW-13D	686.73	11.45	675.28
MW-14S	685.70	5.68	680.02
MW-14D	685.82	18.20	667.62
MW-15S	687.52	1.75	685.77
MW-15D	687.62	15.05	672.57
MW-16S	685.84	9.55	676.29
MW-16D	686.01	13.35	672.66

Notes:
 TOC - Top of Casing
 AMSL - Above Mean Sea Level
 NA - Not Available due to snow cover



GRAVEL PARKING LOT

ASPHALT PARKING LOT



LEGEND

- MW-13S/D NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-2 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [684.35] GROUNDWATER SURFACE ELEVATION IN FEET MSL
- 674 — ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET MSL
- GROUND WATER FLOW DIRECTION
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTES

- GROUNDWATER ELEVATIONS FROM THE DEEP PIEZOMETER PAIR LOCATIONS (i.e. MW-13D, MW-14D, MW-15D, MW-16D) WERE USED TO CREATE THE GROUNDWATER SURFACE CONTOURS.
- GROUNDWATER WATER LEVELS WERE COLLECTED ON JANUARY 21, 2014.

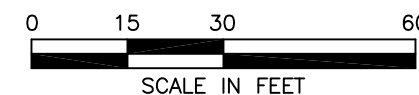


FIGURE 4
 GROUNDWATER SURFACE CONTOUR MAP
 JANUARY 2014
 DEEP OVERBURDEN GROUNDWATER ELEVATIONS
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

TABLES

Table 1

**Groundwater Monitoring Schedule - January 2014 through January 2015
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Event Date (Frequency)	Number of Wells/Piezometers Sampled	Wells/Piezometers Sampled			
January 2014 (Quarterly)	8	MW-2 MW-10	MW-3 MW-11	MW-4 MW-12	MW-6 MW-16S
April 2014 (Annual)	17	MW-2 MW-8R MW-12 MW-14D MW-16D	MW-3 MW-9 MW-13S MW-15S	MW-4 MW-10 MW-13D MW-15D	MW-6 MW-11 MW-14S MW-16S
July 2014 (Quarterly)	8	MW-2 MW-10	MW-3 MW-11	MW-6 MW-12	MW-8R MW-13S
October 2014 (Quarterly)	8	MW-2 MW-10	MW-3 MW-11	MW-4 MW-12	MW-6 MW-16S
January 2015 (Quarterly)	8	MW-2 MW-10	MW-3 MW-11	MW-6 MW-12	MW-8R MW-13S

Notes:

Groundwater monitoring schedule revised per NYSDEC letter dated August 16, 2010.

Table 2

**Quarterly Groundwater Monitoring Water Level Data - January 21, 2014
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	690.35	6.00	684.35
MW-3	687.02	10.45	676.57
MW-4	686.42	NA	NA
MW-6	686.53	9.95	676.58
MW-8R	686.21	NA	NA
MW-9	688.64	15.38	673.26
MW-10	687.41	8.73	678.68
MW-11	688.65	13.75	674.90
MW-12	686.15	NA	NA
Nested Piezometers			
MW-13S	686.60	4.95	681.65
MW-13D	686.73	11.45	675.28
MW-14S	685.70	5.68	680.02
MW-14D	685.82	18.20	667.62
MW-15S	687.52	1.75	685.77
MW-15D	687.62	15.05	672.57
MW-16S	685.84	9.55	676.29
MW-16D	686.01	13.35	672.66

Notes:

TOC - Top of Casing

AMSL - Above Mean Sea Level

NA - Not Available due to snow cover

Table 3

**Summary of Laboratory Analytical Data for Groundwater - January 2014
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID Date Collected Lab Sample ID	Groundwater RAO/ NYCRR Objectives	MW-2 01/21/14 480-53736-1	MW-3 01/21/14 480-53736-2	MW-6 01/22/14 480-53736-3
Volatile Organic Compounds by Method 8260C (µg/L)				
1,1-Dichloroethane	5	0.67 J	6.9	< 1 U
1,1-Dichloroethene	5	< 1 U	< 1 U	< 1 U
1,1,1-Trichloroethane	5	< 1 U	< 1 U	< 1 U
Chloroethane	5	1.9	< 1 U	< 1 U
cis-1,2-Dichloroethene	5	< 1 U	2.3	< 1 U
Cyclohexane	NL	1.1	< 1 U	< 1 U
Methylcyclohexane	NL	0.18 J	< 1 U	< 1 U
Trichloroethene	5	< 1 U	< 1 U	< 1 U
Vinyl chloride	2	< 1 U	2.3	< 1 U

Sample ID Date Collected Lab Sample ID	Groundwater RAO/ NYCRR Objectives	MW-10 01/22/14 480-53736-4	MW-11 01/21/14 480-53736-5	MW-16S 01/22/14 480-53736-6
Volatile Organic Compounds by Method 8260C (µg/L)				
1,1-Dichloroethane	5	< 1 U	9.4	830 J
1,1-Dichloroethene	5	< 1 U	1.3	< 2,000 U
1,1,1-Trichloroethane	5	< 1 U	0.85 J	2,700
Chloroethane	5	< 1 U	3.8	< 2,000 U
cis-1,2-Dichloroethene	5	< 1 U	38	43,000
Cyclohexane	NL	< 1 U	< 1 U	< 2,000 U
Methylcyclohexane	NL	< 1 U	< 1 U	< 2,000 U
Trichloroethene	5	< 1 U	< 1 U	110,000
Vinyl chloride	2	< 1 U	13	3,700

Notes:

µg/L - micrograms per liter

RAO - Remedial Action Objective

NYCRR - New York Code of Rules and Regulations, Title 6, Part 702.15 (a)(2) and 703.5

NL - Not Listed

Bold font indicates the analyte was detected.

Bold outline indicates the screening criteria was exceeded.

U - Indicates compound below associated detection level.

J - Indicates an estimated value.

MW-4 and MW-12 not accessible due to snow cover.

Table 4

Summary of Historical and Current Trichloroethene Concentrations - January 2014
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Well ID	TCE Concentration (µg/L)																					
	Apr 2003 ¹	Apr 2004 ²	Oct 2004 ^{3,4}	Jan 2005 ⁴	Apr 2005 ^{4,5}	Jul 2005 ⁴	Oct 2005 ⁴	Jan 2006 ⁴	Apr 2006 ⁴	Jul 2006 ⁴	Oct 2006 ⁴	Jan 2007 ⁴	Apr 2007 ⁴	Jul 2007 ⁴	Oct 2007 ⁴	Jan 2008 ⁴	Apr 2008 ⁴	Jul 2008 ⁴	Oct 2008 ⁴	Jan 2009 ⁴	Apr 2009 ⁴	
MW-2	<1	NA	NA	NA	<10	NA	NA	<25	<25	<25	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW-3	<1	NA	NA	NA	<10	NA	NA	<25	<25	<25	<5	<5	<20	<5	5	<5	<5	<5	<5	<5	<5	<5
MW-4	249	NA	8,100	20,000	NA	NA	NA	6,500	3,200	2,400	2,600	2,800	4,900	1,100	4,800	9,200	5,800	500	6,300	19,000	4,100	
MW-6	<1	NA	<10	<10	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.63	<5	<5	<5	<5	<5	<5	
MW-8R	NA	NA	35,000	23,000	15,000	9,200	13,000	42,000	14,000	16,000	13,000	1,600	19,000	29,000	2,200	38,000	12,000	7,400	22,000	8,400	13,000	
MW-10	<1	NA	NA	NA	<10	NA	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
MW- 11	NA	NA	NA	NA	<10	NA	NA	2.2	<20	<20	6.8	2.6	0.89	<5	0.71	1.1	0.49	1	0.81	0.77	0.95	
MW-12	NA	NA	13	<10	<10	<5	<5	<25	<25	<25	NA	<5	<20	<5	<5	<5	<5	<5	<5	NA	<5	
MW-13S	NA	10,000	2,100	10,000	760	870	410	NA	NA	17,000	1,300	1,700	4,400	220	570	1,800	580	1,800	5,800	3,400	3,400	
MW-16S	NA	860,000	200,000	420,000	400,000	480,000	440,000	470,000	260,000	310,000	77,000	44,000	94,000	86,000	130,000	67,000	76,000	58,000	63,000	92,000	130,000	

Notes:

NA - Not Analyzed

ND - Not Detected

NS - Not sampled

DPE Remediation System started on May 14, 2004.

¹ - Considered baseline sampling event for MW-2, MW-3, MW-6, and MW-10.² - Considered baseline sampling event for MW-13S and MW-16S.³ - Considered baseline sampling event for MW-4, MW-8R, and MW-12.⁴ - DPE system operational.⁵ - Considered baseline sampling event for MW-11 (TCE = 10 µg/L).⁶ - TCE concentration appears to be an anomaly; sample was re-analyzed at 330 µg/L.⁷ - DPE system off-line.⁸ - MW-4 and MW-12 not accessible due to snow cover.

Table 4

Summary of Historical and Current Trichloroethene Concentrations - January 2014
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Well ID	TCE Concentration (µg/L)																			TCE Reduction - Previous Sampling	TCE Reduction - Baseline Sampling
	Jul 2009 ⁴	Oct 2009 ⁴	Jan 2010 ⁴	Apr 2010 ⁴	Jul 2010 ⁴	Oct 2010 ⁴	Jan 2011 ⁴	Apr 2011 ⁴	Jul 2011 ⁷	Oct 2011 ⁷	Jan 2012 ⁴	Apr 2012 ⁴	Jul 2012 ⁴	Oct 2012 ⁴	Jan 2013 ⁴	Apr 2013 ⁴	Jul 2013 ⁴	Oct 2013 ⁷	Jan 2014 ⁸		
MW-2	<5	<5	<25	<25	<25	350 ⁶	<1	<1	<1	<1	<1	<1	<1	<1	0.89	<1	<1	<1	<1	ND	ND
MW-3	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	0.98	<1	<1	<1	<1	ND	ND
MW-4	2,300	NS	7,400	3,000	NS	7,800	NS	13,000	NS	17,000	NS	39,000	15,000	NS	40,000	12,000	14,000	NS	NS	NS	NS
MW-6	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-8R	NS	1,400	NS	2,500	19,000	NS	99,000	89,000	36,000	33,000	99,000	99,000	NS	89,000	NS	64,000	NS	100,000	NS	NS	NS
MW-10	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW- 11	0.69	0.97	0.77	0.95	1	0.8	NS	1.2	<1	<1	<1	0.51	<1	<1	<1	<1	<1	0.46	<1	ND	ND
MW-12	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	NS	NS
MW-13S	NS	400	NS	1,400	400	NS	39,000	40,000	31,000	NS	53,000	39,000	NS	41,000	NS	40,000	NS	49,000	NS	NS	NS
MW-16S	87,000	NS	22,000	220,000	NS	300,000	NS	250,000	NS	190,000	NS	250,000	170,000	NS	240,000	230,000	120,000	NS	110,000	8%	87%

Notes:

NA - Not Analyzed

ND - Not Detected

NS - Not Sampled

DPE Remediation System started on May 14, 2004.

¹ - Considered baseline sampling event for MW-2, MW-3, MW-6, and MW-10.² - Considered baseline sampling event for MW-13S and MW-16S.³ - Considered baseline sampling event for MW-4, MW-8R, and MW-12.⁴ - DPE system operational.⁵ - Considered baseline sampling event for MW-11 (TCE = 10 µg/L).⁶ - TCE concentration appears to be an anomaly; sample was re-analyzed at 330 µg/L.⁷ - DPE system off-line.⁸ - MW-4 and MW-12 not accessible due to snow cover.

Table 5

Vapor Monitoring Results - January 2014
 Former Scott Aviation Facility
 NYSDEC Site Code No. 9-15-149
 Lancaster, New York

Sample ID: Sample Date:	LRP Effluent -	AS Effluent 1/21/2014
VOCs by Method TO-15 ($\mu\text{g}/\text{m}^3$)		
Cyclohexane	-	1.0
1,1-Dichloroethane	-	1.0
1,2,4-Trimethylbenzene	-	1.1
Ethylbenzene	-	1.1
2,2,4-Trimethylpentane	-	1.2
n-Heptane	-	1.3
Trichlorofluoromethane	-	1.3
Xylene, o-	-	1.3
Vinyl chloride	-	1.5
Benzene	-	2.2
Dichlorodifluoromethane	-	2.5
Carbon disulfide	-	3.0
m,p-Xylene	-	4.1
n-Hexane	-	4.6
Xylene (total)	-	5.3
Chloroethane	-	6.7
Toluene	-	7.3
Trichloroethene	-	9
1,2-Dichloroethene, Total	-	12
cis-1,2-Dichloroethene	-	12
Total Detected VOCs ($\mu\text{g}/\text{m}^3$)	-	79
Vacuum (inches Hg)*	24.5	0.40
Air Flow Rate (acfm)*	52	206
VOC discharge loading (lb/hr)	-	0.0001
Total VOC discharge loading (lb/hr)	0.0001	

Notes:

* The LRP effluent sample port was frozen due to the extreme low temperatures. NYSDEC contacted on January 21, 2014 to discuss; no sample required this quarter.

* The air stripper vacuum measured on January 21, 2014 was 5.5 inches H₂O and flow rate was 225 scfm.

1. $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter
2. acfm = actual cubic feet per minute
3. scfm = standard cubic feet per minute
4. lb/hr = pounds per hour
5. LRP Effluent represents the untreated vapor discharge for the Liquid Ring Pump.
6. AS Effluent represents the untreated vapor discharge for the Air Stripper.

Qualifiers:

U - Not detected at or above reporting limit (reporting limit not included in the Total Detected VOCs).



APPENDIX A

Field Forms

Date (mo/day/yr) 1/21/2014
 Field Personnel Dino Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60314190
 Well ID # MW-2
 _____ Upgradient _____ Downgradient
 Weather Conditions lt snow
 Air Temperature 8 ° F
 Total Depth (TWD) Below Top of Casing = 16.4 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 6.0 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 10.4 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = 6.4 liter
 3 Casing Volumes = 19 liter
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 4.5 liter

Casing Diameter 2 inches
 Casing Material PVC
 Measuring Point Elevation 690.35 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 7-17 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	225	175	175	150	150	150		
Time (Military)	14:00	14:05	14:10	14:15	14:20	14:25		
Depth to Groundwater Below Top of Casing (ft)	6.89	8.01	8.15	8.31	8.48	8.52		
Drawdown (ft)	-0.89	-1.12	-0.14	-0.16	-0.17	-0.04		
pH (S.U.)	7.86	7.84	7.87	7.85	7.86	7.87		
Sp. Cond. (mS/cm)	0.308	0.227	0.267	0.258	0.257	0.259		
Turbidity (NTUs)	27.11	22.91	17.51	13.62	12.19	11.12		
Dissolved Oxygen (mg/L)	2.11	0.96	0.78	0.66	0.66	0.62		
Water Temperature (°C)	7.52	6.88	6.14	5.28	5.21	5.46		
ORP (mV)	-110.9	-106.9	-105.5	-104.5	-109.9	-111.3		

Physical appearance at start Color clear w/ little iron bacteria Physical appearance at sampling Color clear w/ little iron bacteria
 Odor no Odor no
 Sheen/Free Product no Sheen/Free Product no

COMMENTS/OBSERVATIONS Sample at 14:30hrs

Date (mo/day/yr) 1/21/2014
 Field Personnel Dino Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60314190
 Well ID # MW-3
 _____ Upgradient _____ Downgradient
 Weather Conditions lit snow
 Air Temperature 8 ° F
 Total Depth (TWD) Below Top of Casing = 28 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 10.45 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 17.55 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = 10.8 liter
 3 Casing Volumes = 32 liter
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 3 liter

Casing Diameter 2 inches
 Casing Material PVC
 Measuring Point Elevation 687.02 1/100 ft
 Height of Riser (above land surface) 1.42 1/100 ft
 Land Surface Elevation 685.6 1/100 ft
 Screened Interval (below land surface) 7.5 - 27.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100	100		
Time (Military)	15:30	15:35	15:40	15:50	15:55		
Depth to Groundwater Below Top of Casing (ft)	12.8	13.01	13.3	13.49	13.55		
Drawdown (ft)	-2.35	-0.21	-0.29	-0.19	-0.06		
pH (S.U.)	7.38	7.4	7.41	7.41	7.4		
Sp. Cond. (mS/cm)	0.698	0.691	0.687	0.68	0.679		
Turbidity (NTUs)	3.41	2.12	3.17	1.7	1.9		
Dissolved Oxygen (mg/L)	0.8	0.75	0.71	0.55	0.51		
Water Temperature (°C)	6.3	6.11	6.04	6.19	6.18		
ORP (mV)	-66.5	-71.2	-77.1	-81.4	-86.7		

Physical appearance at start Color clear
 Odor no
 Sheen/Free Product no

Physical appearance at sampling Color clear
 Odor no
 Sheen/Free Product _____

COMMENTS/OBSERVATIONS Sample at 16:00 hrs

Date (mo/day/yr) 1/22/2014
 Field Personnel Dino Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60314190
 Well ID # MW-6
 _____ Upgradient _____ Downgradient
 Weather Conditions clear with lt snow
 Air Temperature 2 ° F
 Total Depth (TWD) Below Top of Casing = 25 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 9.95 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 15.05 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = 9.3 liter
 3 Casing Volumes = 28 liter
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 4.4 liter

Casing Diameter 2 inches
 Casing Material PVC
 Measuring Point Elevation 686.53 1/100 ft
 Height of Riser (above land surface) -0.27 1/100 ft
 Land Surface Elevation 686.8 1/100 ft
 Screened Interval (below land surface) 14.5 - 24.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	150	150	125	125	125	125	
Time (Military)	9:25	9:30	9:35	9:40	9:45	9:50	9:55	
Depth to Groundwater Below Top of Casing (ft)	10.85	11.55	11.95	12	12.03	12.04	12.05	
Drawdown (ft)	-0.9	-0.7	-0.4	-0.05	-0.03	-0.01		
pH (S.U.)	8.85	8.7	8.53	8.56	8.58	8.58	8.59	
Sp. Cond. (mS/cm)	0.957	0.928	0.882	0.871	0.848	0.834	0.829	
Turbidity (NTUs)	137	145	115	120	100.1	100	48	
Dissolved Oxygen (mg/L)	6.33	3.33	2.84	2.46	2.29	2.12	1.93	
Water Temperature (°C)	11.21	10.6	9.2	9.15	8.89	8.78	8.82	
ORP (mV)	-109.1	-97.5	-94.7	-116.2	-120	-121.4	-123.2	

Physical appearance at start Color slightly cloudy
 Odor no
 Sheen/Free Product no

Physical appearance at sampling Color slightly cloudy
 Odor no
 Sheen/Free Product no

COMMENTS/OBSERVATIONS Sample at 10:00hrs

Date (mo/day/yr) 1/22/2014
 Field Personnel Dino Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60314190
 Well ID # MW-10
 _____ Upgradient _____ Downgradient
 Weather Conditions lt snow
 Air Temperature 3 ° F
 Total Depth (TWD) Below Top of Casing = 24 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 8.73 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 15.27 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = 9.4 liter
 3 Casing Volumes = 28 liter
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 3 liter

Casing Diameter 2 inches
 Casing Material PVC
 Measuring Point Elevation 687.41 1/100 ft
 Height of Riser (above land surface) -0.19 1/100 ft
 Land Surface Elevation 687.6 1/100 ft
 Screened Interval (below land surface) 3.5 - 23.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100	100	100		
Time (Military)	10:25	10:30	10:35	10:40	10:45	10:50		
Depth to Groundwater Below Top of Casing (ft)	9.7	10.12	10.31	10.52	10.71	10.85		
Drawdown (ft)	-0.97	-0.42	-0.19	-0.21	-0.19	-0.14		
pH (S.U.)	7.68	7.62	7.61	7.51	7.58	7.58		
Sp. Cond. (mS/cm)	1.257	1.259	1.253	1.251	1.25	1.25		
Turbidity (NTUs)	53.1	48.5	37.4	35.7	31.7	28.1		
Dissolved Oxygen (mg/L)	0.68	0.45	0.41	0.39	0.35	0.34		
Water Temperature (°C)	8.84	8.96	8.81	8.71	8.72	8.63		
ORP (mV)	-124	-131.8	-141.3	-149.8	-157.2	-161.3		

Physical appearance at start Color clear
 Odor no
 Sheen/Free Product no

Physical appearance at sampling Color clear
 Odor no
 Sheen/Free Product no

COMMENTS/OBSERVATIONS Sample at 11:00hrs

Date (mo/day/yr) 1/21/2014
 Field Personnel Dino Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60314190
 Well ID # MW-11
 _____ Upgradient _____ Downgradient
 Weather Conditions lt snow
 Air Temperature 8
 Total Depth (TWD) Below Top of Casing = 28.5 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 13.75 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 14.75 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = 9.1 liter
 3 Casing Volumes = 27 liter
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 3 liter

Casing Diameter 2 inches
 Casing Material PVC
 Measuring Point Elevation 688.65 1/100 ft
 Height of Riser (above land surface) -0.25 1/100 ft
 Land Surface Elevation 688.9 1/100 ft
 Screened Interval (below land surface) 8.5 - 28.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150		
Time (Military)	14:45	14:50	14:55	15:00	15:05	15:10		
Depth to Groundwater Below Top of Casing (ft)	14.4	14.51	14.68	14.72	14.81	14.89		
Drawdown (ft)	-0.65	-0.11	-0.17	-0.04	-0.09	-0.08		
pH (S.U.)	6.93	6.95	6.98	7	7.03	7.03		
Sp. Cond. (mS/cm)	2.855	2.763	2.739	2.681	2.601	2.566		
Turbidity (NTUs)	9.2	9.18	5.72	4.21	2.1	2.3		
Dissolved Oxygen (mg/L)	0.97	1.02	0.77	0.71	0.54	0.62		
Water Temperature (°C)	9.88	8.32	8.34	8.13	8.19	8.02		
ORP (mV)	-63.6	-72.1	-78.6	-82.7	-85.8	-85.2		

Physical appearance at start Color clear
 Odor no
 Sheen/Free Product no

Physical appearance at sampling Color clear
 Odor no
 Sheen/Free Product no

COMMENTS/OBSERVATIONS Sample at 15:15 hrs

Date (mo/day/yr) 1/22/2014
 Field Personnel Dino Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60314190
 Well ID # MW-16S
 _____ Upgradient _____ Downgradient
 Weather Conditions It snow
 Air Temperature 8 ° F
 Total Depth (TWD) Below Top of Casing = 15.4 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 9.55 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 5.85 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = 3.6 liter
 3 Casing Volumes = 11 liter
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 2.5 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation 686.4 1/100 ft
 Height of Riser (above land surface) 0 1/100 ft
 Land Surface Elevation 686.4 1/100 ft
 Screened Interval (below land surface) 12 - 18 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	Dup

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100	100		
Time (Military)	11:10	11:15	11:20	11:25	11:30		
Depth to Groundwater Below Top of Casing (ft)	10.02	10.56	10.98	11.5	12.1		
Drawdown (ft)	-0.47	-0.54	-0.42	-0.52	-0.6		
pH (S.U.)	8.1	8.01	7.55	7.54	7.54		
Sp. Cond. (mS/cm)	0.384	0.532	1.202	1.213	1.223		
Turbidity (NTUs)	>50	>50	NA	NA	NA		
Dissolved Oxygen (mg/L)	7.06	5.65	0.75	1	0.99		
Water Temperature (°C)	2.87	3.03	7.72	7.84	8.24		
ORP (mV)	87.1	-109.2	-87.8	-85.2	-83.5		

Physical appearance at start Color cloudy
 Odor slight

Physical appearance at sampling Color clear
 Odor slight

Sheen/Free Product no

Sheen/Free Product no

COMMENTS/OBSERVATIONS Sample at 11:35 hrs; Dup collected at 12:00hrs.



APPENDIX B

Summary of Groundwater Elevations

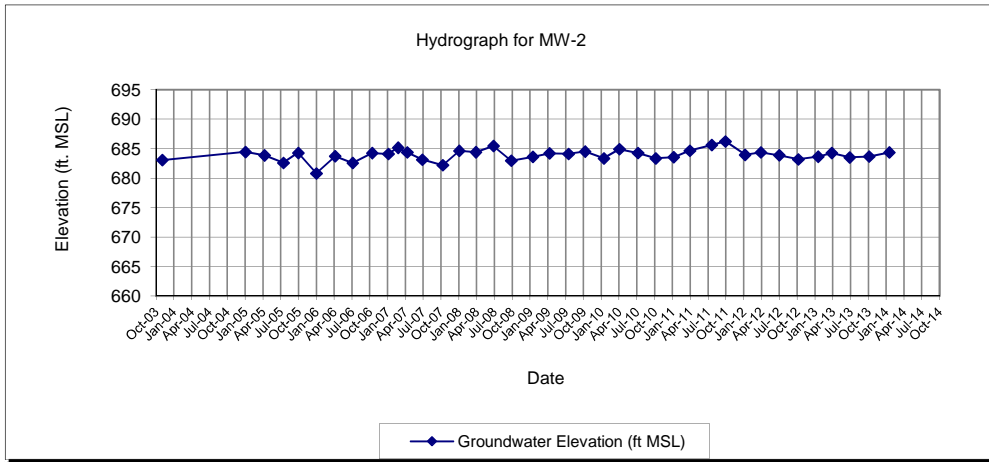
**MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	7.29	683.06
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	5.92	684.43
4/14/2005	6.50	683.85
7/20/2005	7.77	682.58
10/4/2005	6.08	684.27
1/5/2006	9.56	680.79
4/11/2006	6.65	683.70
7/10/2006	7.79	682.56
10/18/2006	6.11	684.24
1/9/2007	6.27	684.08
2/28/2007	5.20	685.15
4/16/2007	5.99	684.36
7/2/2007	7.22	683.13
10/15/2007	8.15	682.20
1/8/2008	5.73	684.62
4/2/2008	5.95	684.40
7/1/2008	4.90	685.45
9/30/2008	7.40	682.95
1/19/2009	6.75	683.60
4/14/2009	6.15	684.20
7/21/2009	6.25	684.10
10/14/2009	5.85	684.50
1/18/2010	7.00	683.35
4/8/2010	5.45	684.90
7/12/2010	6.10	684.25
10/11/2010	7.00	683.35
1/11/2011	6.80	683.55
4/4/2011	5.70	684.65
7/25/2011	4.75	685.60
10/3/2011	4.13	686.22
1/12/2012	6.40	683.95
4/2/2012	6.00	684.35
7/5/2012	6.47	683.88
10/11/2012	7.17	683.18
1/21/2013	6.72	683.63
4/1/2013	6.10	684.25
7/1/2013	6.84	683.51
10/9/2013	6.70	683.65
1/21/2014	6.00	684.35

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 690.35
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08 and 10/9/13
 TOC Elevation as of 6/13/08 - 690.35

MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



**MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	12.76	674.96
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	11.65	676.07
4/14/2005	12.64	675.08
7/20/2005	12.73	674.99
10/4/2005	7.38	680.34
1/5/2006	11.31	676.41
4/11/2006	11.84	675.88
7/10/2006	12.31	675.41
10/18/2006	10.82	676.9
1/9/2007	10.99	676.73
2/28/2007	3.99	683.73
4/16/2007	11.87	675.85
7/2/2007	13.35	674.37
10/17/2007	13.1	674.62
1/8/2008	7.61	680.11
4/2/2008	11.71	676.01
7/1/2008	10.75	676.27
9/30/2008	11.95	675.07
1/19/2009	10.94	676.08
4/14/2009	10.94	676.08
7/21/2009	11.51	675.51
10/14/2009	10.75	676.27
1/18/2010	12.38	674.64
4/8/2010	11.02	676.00
7/12/2010	9.18	677.84
10/11/2010	10.9	676.12
1/12/2011	11.3	675.72
4/4/2011	10.7	676.32
7/25/2011	4.38	682.64
10/3/2011	3.14	683.88
1/12/2012	10.65	676.37
4/2/2012	9.81	677.21
7/5/2012	8.56	678.46
10/11/2012	9.77	677.25
1/21/2013	11.15	675.87
4/1/2013	8.56	678.46
7/1/2013	11.85	675.17
10/9/2013	10.43	676.59
1/21/2014	10.45	676.57

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

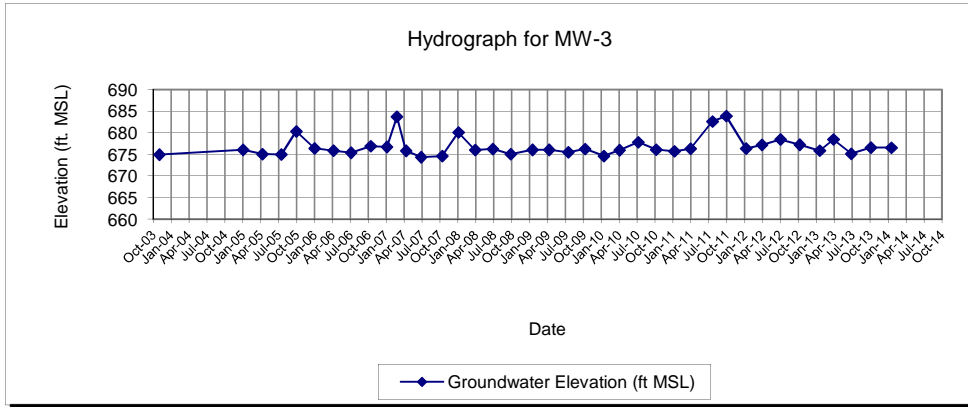
TOC Elevation - 687.72

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 687.02

**MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**



**MONITORING WELL MW-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	8.54	678.10
4/8/2004	NM	NA
10/12/2004	11.40	675.24
1/6/2005	9.20	677.44
4/14/2005	NM	NA
7/20/2005	NM	NA
10/4/2005	15.24	671.40
1/5/2006	15.71	670.93
4/11/2006	18.56	668.08
7/10/2006	15.02	671.62
10/18/2006	15.21	671.43
1/9/2007	14.00	672.64
2/28/2007	2.54	684.10
4/16/2007	12.45	674.19
7/2/2007	14.89	671.75
10/17/2007	12.91	673.73
1/8/2008	5.59	681.05
4/2/2008	9.31	677.33
7/1/2008	13.91	672.51
9/30/2008	13.55	672.87
1/19/2009	10.78	675.64
4/14/2009	8.90	677.52
7/21/2009	12.35	674.07
10/14/2009	10.40	676.02
1/18/2010	8.90	677.52
4/8/2010	10.90	675.52
7/12/2010	14.00	672.42
10/11/2010	16.69	669.73
1/12/2011	16.35	670.07
4/4/2011	17.67	668.75
7/25/2011	2.32	684.10
10/3/2011	2.98	683.44
1/12/2012	13.26	673.16
4/2/2012	13.10	673.32
7/6/2012	9.66	676.76
10/11/2012	18.60	667.82
1/21/2013	17.04	669.38
4/1/2013	18.65	667.77
7/1/2013	19.10	667.32
10/9/2013	10.10	676.32
1/21/2014	NM*	

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.64

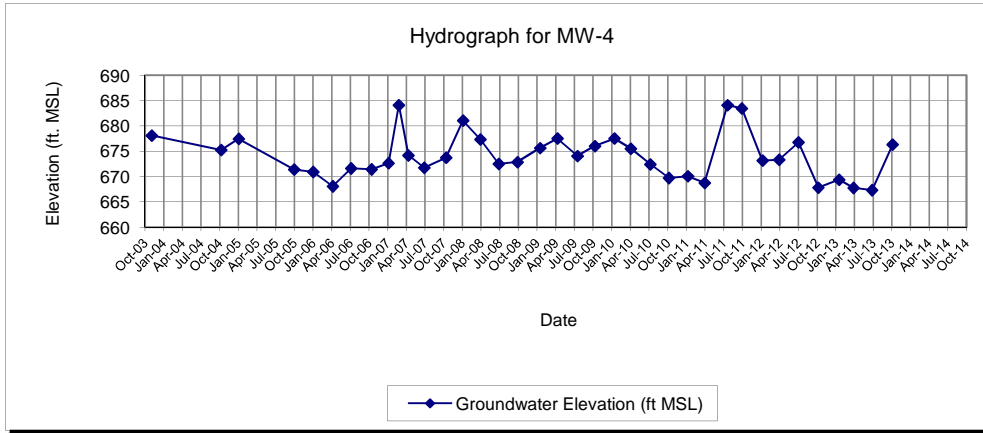
DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 686.42

NM* - Well could not be accessed due to snow cover

**MONITORING WELL MW-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**



**MONITORING WELL MW-6
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	11.06	675.62
4/8/2004	NM	NA
10/12/2004	9.95	676.73
1/6/2005	13.00	673.68
4/14/2005	11.57	675.11
7/20/2005	12.88	673.80
10/4/2005	8.55	678.13
1/5/2006	12.11	674.57
4/11/2006	11.91	674.77
7/10/2006	12.5	674.18
10/18/2006	11.02	675.66
1/9/2007	11.1	675.58
2/28/2007	4.35	682.33
4/16/2007	11.81	674.87
7/2/2007	12.85	673.83
10/17/2007	13.09	673.59
1/8/2008	7.02	679.66
4/2/2008	11.00	675.68
7/1/2008	10.98	675.55
9/30/2008	11.39	675.14
1/19/2009	9.68	676.85
4/14/2009	10.02	676.51
7/21/2009	11.50	675.03
10/14/2009	10.35	676.18
1/18/2010	11.20	675.33
4/8/2010	10.05	676.48
7/12/2010	9.25	677.28
10/11/2010	9.91	676.62
1/12/2011	10.56	675.97
4/4/2011	10.27	676.26
7/25/2011	4.17	682.36
10/3/2011	3.45	683.08
1/12/2012	9.86	676.67
4/2/2012	9.39	677.14
7/5/2012	7.64	678.89
10/11/2012	10.80	675.73
1/21/2013	10.12	676.41
4/1/2013	8.41	678.12
7/1/2013	11.18	675.35
10/9/2013	9.32	677.21
1/21/2014	9.95	676.58

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

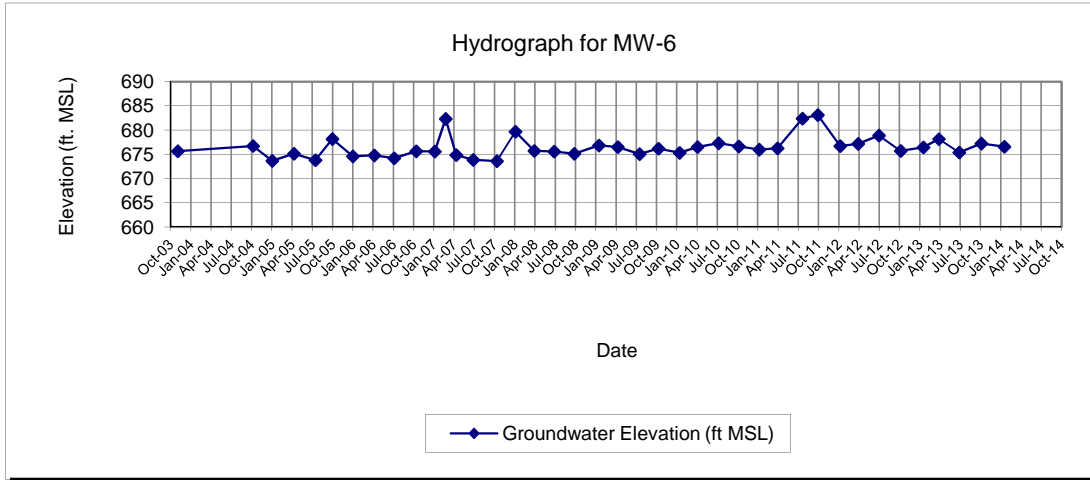
TOC Elevation - 686.68

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 686.53

MONITORING WELL MW-6
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



**MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	12.75	672.92
1/6/2005	7.45	678.22
4/14/2005	14.45	671.22
7/20/2005	NM	NA
10/4/2005	NM	NA
1/6/2006	15.51	670.16
4/11/2006	15.65	670.02
7/10/2006	14.9	670.77
10/18/2006	15.72	669.95
1/9/2007	15.76	669.91
2/28/2007	10.78	674.89
4/16/2007	15.60	670.07
7/2/2007	16.29	669.38
10/15/2007	18.50	667.17
1/8/2008	4.99	680.68
4/2/2008	13.19	672.48
7/1/2008	12.15	674.06
9/30/2008	15.83	670.38
1/19/2009	11.55	674.66
4/14/2009	11.20	675.01
7/21/2009	13.57	672.64
10/14/2009	12.76	673.45
1/18/2010	11.26	674.95
4/8/2010	14.95	671.26
7/12/2010	13.74	672.47
10/11/2010	12.34	673.87
1/12/2011	13.10	673.11
4/4/2011	14.88	671.33
7/25/2011	3.25	682.96
10/3/2011	4.50	681.71
1/12/2012	12.96	673.25
4/2/2012	11.70	674.51
7/5/2012	10.34	675.87
10/11/2012	13.38	672.83
1/21/2013	14.90	671.31
4/1/2013	10.82	675.39
7/1/2013	12.70	673.51
10/9/2013	9.25	676.96
1/21/2014	NM*	

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.67

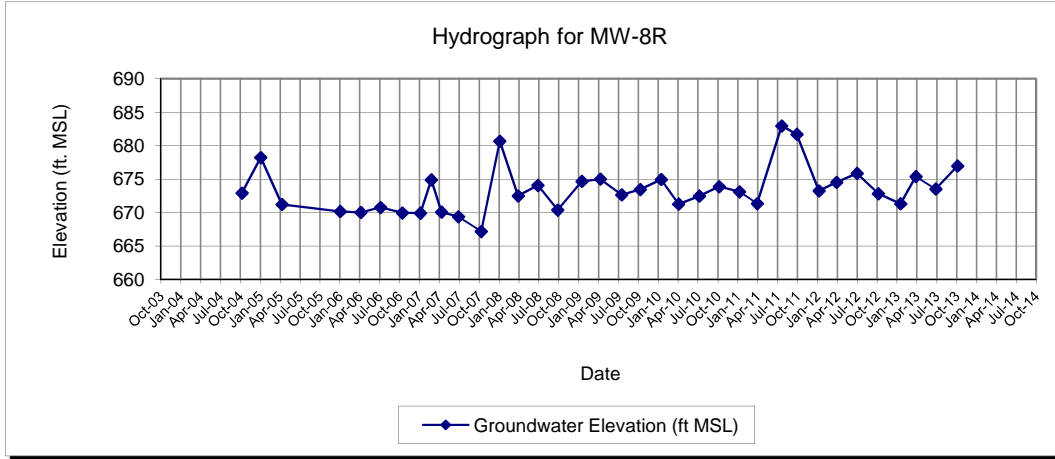
DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 686.21

NM* - Well could not be accessed due to snow cover

MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



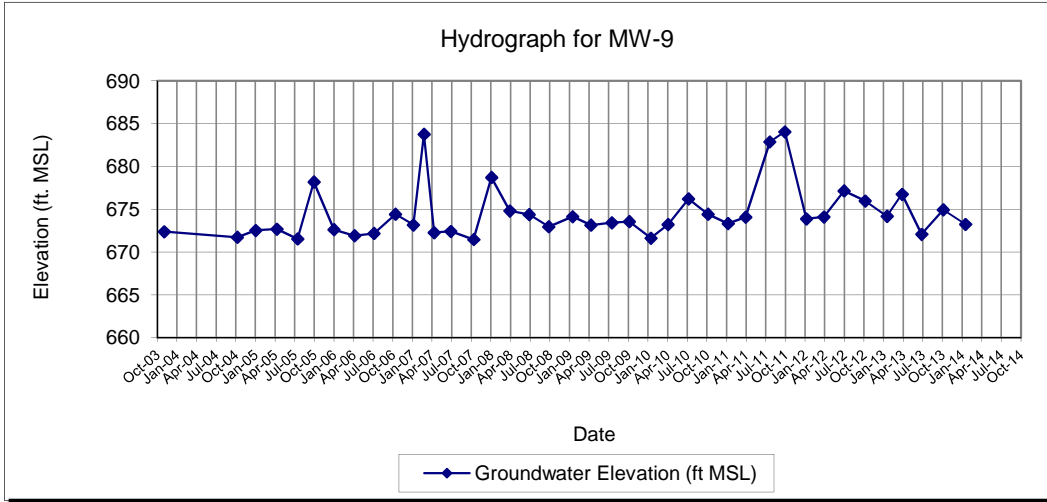
**MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	13.03	672.4
4/8/2004	NM	NA
10/12/2004	13.68	671.75
1/6/2005	12.89	672.54
4/14/2005	12.74	672.69
7/20/2005	13.88	671.55
10/4/2005	7.22	678.21
1/5/2006	12.79	672.64
4/11/2006	13.50	671.93
7/10/2006	13.24	672.19
10/18/2006	11.00	674.43
1/9/2007	12.24	673.19
2/28/2007	1.66	683.77
4/16/2007	13.15	672.28
7/2/2007	13.00	672.43
10/17/2007	13.95	671.48
1/8/2008	6.70	678.73
4/2/2008	10.61	674.82
7/1/2008	14.25	674.39
9/30/2008	15.67	672.97
1/19/2009	14.48	674.16
4/14/2009	15.48	673.16
7/21/2009	15.20	673.44
10/10/2009	15.06	673.58
1/18/2010	17.00	671.64
4/8/2010	15.40	673.24
7/12/2010	12.42	676.22
10/11/2010	14.21	674.43
1/12/2011	15.29	673.35
4/4/2011	14.55	674.09
7/25/2011	5.75	682.89
10/3/2011	4.58	684.06
1/12/2012	14.75	673.89
4/2/2012	14.52	674.12
7/5/2012	11.48	677.16
10/11/2012	12.66	675.98
1/21/2013	14.44	674.20
4/1/2013	11.87	676.77
7/1/2013	16.54	672.10
10/9/2013	13.68	674.96
1/21/2014	15.38	673.26

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 685.43
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08 and 10/9/13
 TOC Elevation as of 6/13/08 - 688.64

MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



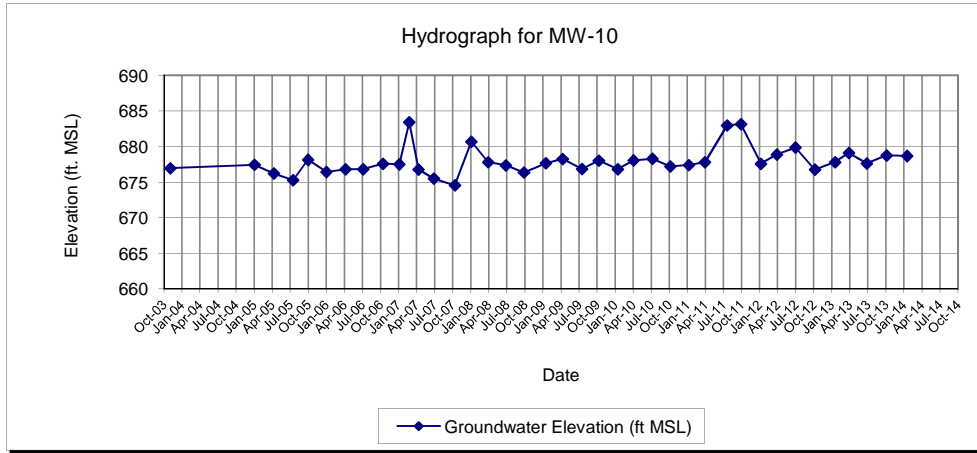
MONITORING WELL MW-10
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	10.75	676.97
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	10.28	677.44
4/14/2005	11.50	676.22
7/20/2005	12.43	675.29
10/4/2005	9.58	678.14
1/5/2006	11.28	676.44
4/11/2006	10.91	676.81
7/10/2006	10.90	676.82
10/18/2006	10.13	677.59
1/9/2007	10.21	677.51
2/28/2007	4.30	683.42
4/16/2007	10.93	676.79
7/2/2007	12.21	675.51
10/17/2007	13.15	674.57
1/8/2008	7.03	680.69
4/2/2008	9.91	677.81
7/1/2008	10.04	677.37
9/30/2008	11.05	676.36
1/19/2009	9.74	677.67
4/14/2009	9.14	678.27
7/21/2009	10.56	676.85
10/14/2009	9.37	678.04
1/18/2010	10.59	676.82
4/8/2010	9.35	678.06
7/12/2010	9.12	678.29
10/11/2010	10.20	677.21
1/12/2011	10.00	677.41
4/4/2011	9.61	677.80
7/25/2011	4.45	682.96
10/3/2011	4.25	683.16
1/12/2012	9.82	677.59
4/2/2012	8.51	678.90
7/5/2012	7.55	679.86
10/11/2012	10.65	676.76
1/21/2013	9.59	677.82
4/1/2013	8.30	679.11
7/1/2013	9.77	677.64
10/9/2013	8.65	678.76
1/21/2014	8.73	678.68

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.72
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 687.41

MONITORING WELL MW-10
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



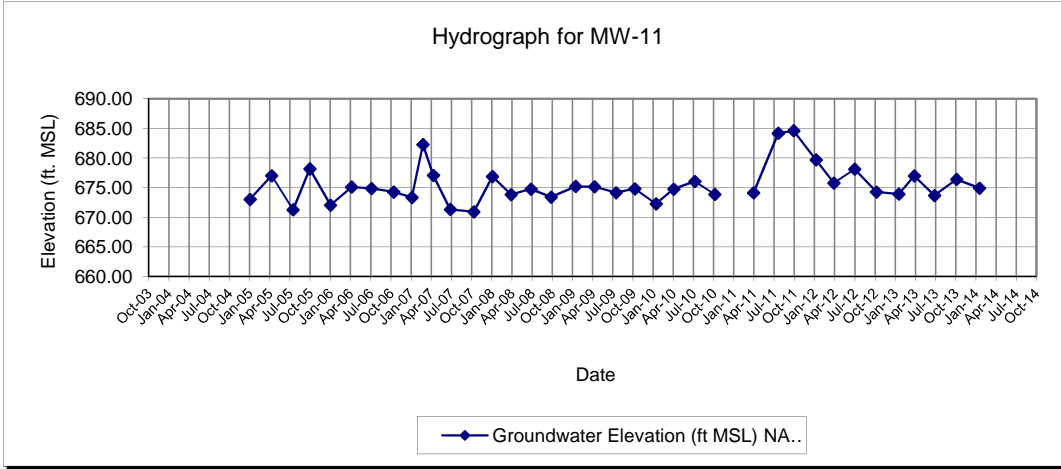
**MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	15.59	673.02
4/14/2005	11.59	677.02
7/20/2005	17.34	671.27
10/4/2005	10.45	678.16
1/5/2006	16.58	672.03
4/11/2006	13.52	675.09
7/10/2006	13.75	674.86
10/18/2006	14.35	674.26
1/9/2007	15.26	673.35
2/28/2007	6.34	682.27
4/16/2007	11.55	677.06
7/2/2007	17.30	671.31
10/16/2007	17.69	670.92
1/8/2008	11.73	676.88
4/2/2008	14.78	673.83
7/1/2008	13.91	674.74
9/30/2008	15.25	673.40
1/19/2009	13.45	675.20
4/14/2009	13.50	675.15
7/21/2009	14.51	674.14
10/14/2009	13.85	674.80
1/18/2010	16.38	672.27
4/8/2010	13.90	674.75
7/12/2010	12.60	676.05
10/11/2010	14.80	673.85
1/12/2011	NA	
4/4/2011	14.52	674.13
7/25/2011	4.48	684.17
10/3/2011	4.05	684.60
1/12/2012	8.96	679.69
4/2/2012	12.87	675.78
7/5/2012	10.53	678.12
10/11/2012	14.40	674.25
1/21/2013	14.75	673.90
4/1/2013	11.66	676.99
7/1/2013	14.99	673.66
10/9/2013	12.25	676.40
1/21/2014	13.75	674.90

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 688.61
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08 and 10/9/13
 TOC Elevation as of 6/13/08 - 688.65

MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



MONITORING WELL MW-12
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	
10/12/2004	10.64	675.15
1/6/2005	6.18	679.61
4/14/2005	6.80	678.99
7/20/2005	11.95	673.84
10/4/2005	7.36	678.43
1/5/2006	6.80	678.99
4/11/2006	6.76	679.03
7/10/2006	11.35	674.44
10/18/2006	NM*	NA
1/9/2007	6.35	679.44
2/28/2007	NM*	NA
4/16/2007	7.38	678.41
7/2/2007	11.42	674.37
10/15/2007	12.00	673.79
1/8/2008	4.31	681.48
4/2/2008	5.86	679.93
7/1/2008	7.10	679.04
9/30/2008	10.92	675.22
1/19/2009	NM*	
4/14/2009	7.14	679
7/21/2009	9.66	676.48
10/14/2009	8.83	677.31
1/18/2010	7.40	678.74
4/8/2010	7.10	679.04
7/12/2010	8.48	677.66
10/11/2010	8.64	677.51
1/12/2011	6.32	679.83
4/4/2011	5.69	680.46
7/25/2011	3.5	682.65
10/3/2011	2.67	683.48
1/12/2012	5.41	680.74
4/2/2012	5.30	680.85
7/5/2012	7.20	678.95
10/11/2012	6.75	679.40
1/21/2013	5.51	680.64
4/1/2013	5.07	681.08
7/1/2013	7.88	678.27
10/9/2013	5.20	680.95
1/21/2014	NM*	

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.79

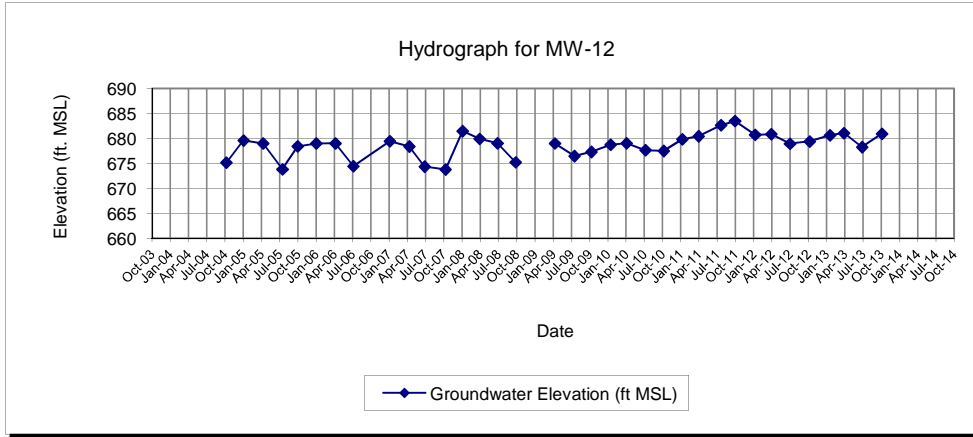
NM* - Well could not be accessed due to snow cover

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 686.14

MONITORING WELL MW-12
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



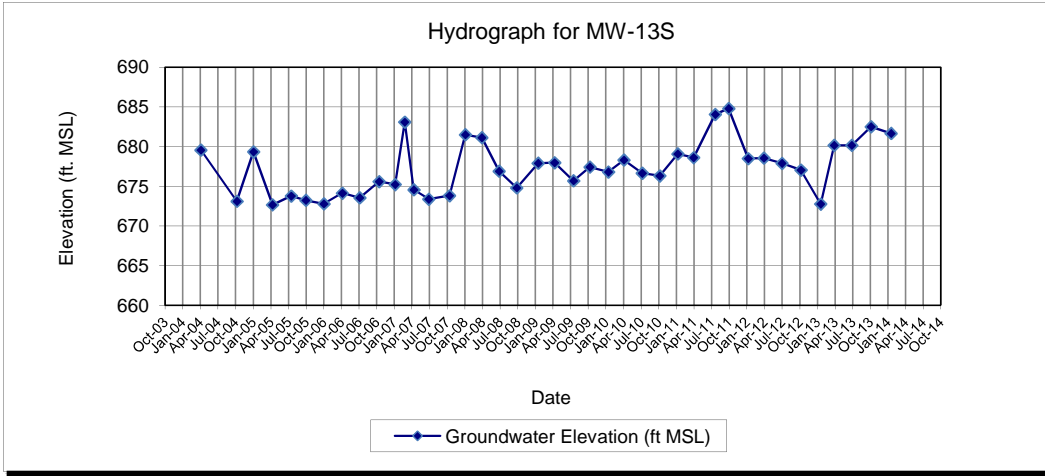
MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	7.01	679.56
10/12/2004	13.47	673.10
1/6/2005	7.24	679.33
4/14/2005	13.91	672.66
7/20/2005	12.81	673.76
10/4/2005	13.35	673.22
1/5/2006	13.79	672.78
4/11/2006	12.45	674.12
7/10/2006	13.02	673.55
10/18/2006	10.99	675.58
1/9/2007	11.35	675.22
2/28/2007	3.49	683.08
4/16/2007	12.01	674.56
7/2/2007	13.20	673.37
10/18/2007	12.77	673.80
1/8/2008	5.08	681.49
4/2/2008	5.45	681.12
7/1/2008	9.70	676.90
9/30/2008	11.80	674.80
1/19/2009	8.70	677.90
4/14/2009	8.64	677.96
7/21/2009	10.91	675.69
10/14/2009	9.18	677.42
1/18/2010	9.80	676.80
4/8/2010	8.30	678.30
7/12/2010	9.96	676.64
10/11/2010	10.29	676.31
1/12/2011	7.53	679.07
4/4/2011	8.00	678.60
7/25/2011	2.55	684.05
10/3/2011	1.81	684.79
1/12/2012	8.11	678.49
4/2/2012	8.06	678.54
7/5/2012	8.71	677.89
10/11/2012	9.57	677.03
1/21/2013	13.85	672.75
4/1/2013	6.44	680.16
7/1/2013	6.44	680.16
10/9/2013	4.10	682.50
1/21/2014	4.95	681.65

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.57
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.60

**MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**



MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.28	673.43
10/12/2004	14.87	671.84
1/6/2005	14.55	672.16
4/14/2005	15.32	671.39
7/20/2005	15.65	671.06
10/4/2005	9.44	677.27
1/5/2006	15.83	670.88
4/11/2006	15.41	671.30
7/10/2006	13.79	672.92
10/18/2006	13.17	673.54
1/9/2007	14.41	672.30
2/28/2007	3.28	683.43
4/16/2007	14.66	672.05
7/2/2007	15.68	671.03
10/18/2007	15.80	670.91
1/8/2008	8.69	678.02
4/2/2008	12.86	673.85
7/1/2008	12.55	674.18
9/30/2008	13.89	672.84
1/19/2009	12.10	674.63
4/14/2009	11.78	674.95
7/21/2009	12.86	673.87
10/14/2009	11.59	675.14
1/18/2010	13.88	672.85
4/8/2010	12.00	674.73
7/12/2010	11.90	674.83
10/11/2010	13.34	673.39
1/12/2011	13.2	673.53
4/4/2011	13.13	673.60
7/25/2011	3.33	683.40
10/3/2011	2.55	684.18
1/12/2012	12.34	674.39
4/2/2012	11.76	674.97
7/5/2012	9.25	677.48
10/11/2012	13.00	673.73
1/21/2013	13.85	672.88
4/1/2013	11.01	675.72
7/1/2013	14.26	672.47
10/9/2013	10.36	676.37
1/21/2014	11.45	675.28

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

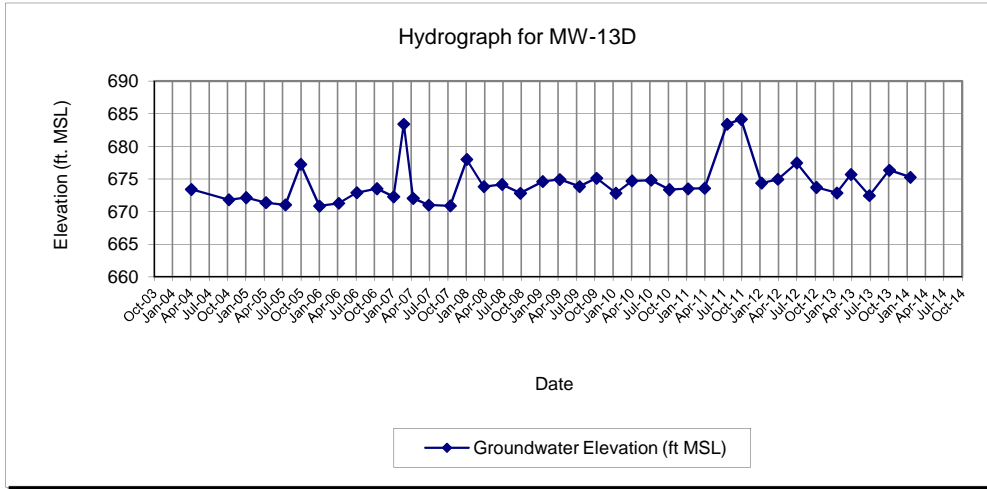
TOC Elevation - 686.71

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 686.73

MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



**MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.14	680.17
10/12/2004	8.57	676.74
1/6/2005	6.27	679.04
4/14/2005	5.16	680.15
7/20/2005	8.32	676.99
10/4/2005	6.14	679.17
1/5/2006	8.41	676.90
4/11/2006	7.75	677.56
7/10/2006	8.18	677.13
10/18/2006	9.00	676.31
1/9/2007	6.61	678.70
2/28/2007	1.50	683.81
4/16/2007	3.45	681.86
7/2/2007	8.36	676.95
10/15/2007	9.45	675.86
1/8/2008	4.65	680.66
4/2/2008	4.47	680.84
7/1/2008	6.37	679.33
9/30/2008	8.90	676.80
1/19/2009	6.15	679.55
4/14/2009	7.70	678.00
7/21/2009	7.25	678.45
10/14/2009	7.05	678.65
1/18/2010	NM	
4/8/2010	6.50	678.81
7/12/2010	6.54	678.77
10/11/2010	5.90	679.80
1/12/2011	6.83	678.87
4/4/2011	6.34	679.36
7/25/2011	2.59	683.11
10/3/2011	1.98	683.72
1/12/2012	5.10	680.60
4/2/2012	4.55	681.15
7/5/2012	7.15	678.55
10/11/2012	6.67	679.03
1/21/2013	5.15	680.55
4/1/2013	5.05	680.65
7/1/2013	6.81	678.89
10/9/2013	5.60	680.10
1/21/2014	5.68	680.02

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

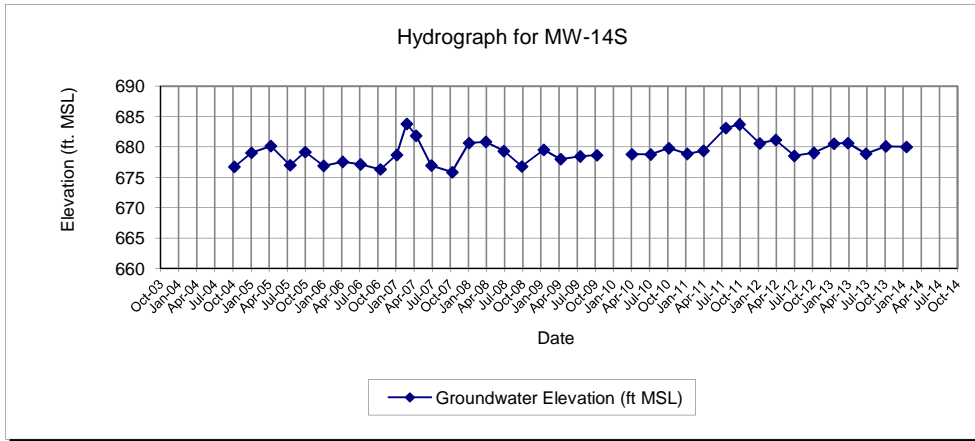
TOC Elevation - 685.31

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 685.70

MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



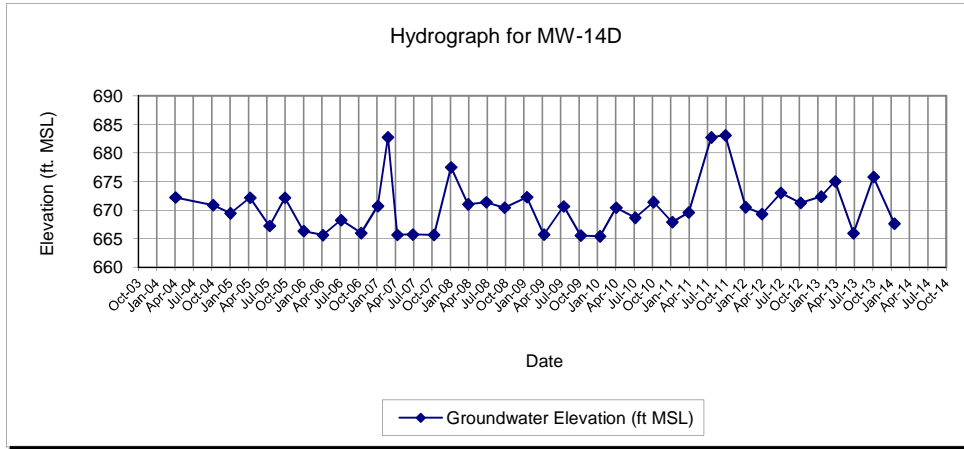
MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.21	672.22
10/12/2004	14.55	670.88
1/6/2005	15.97	669.46
4/14/2005	13.25	672.18
7/20/2005	18.20	667.23
10/4/2005	13.26	672.17
1/5/2006	19.08	666.35
4/11/2006	19.79	665.64
7/10/2006	17.16	668.27
10/18/2006	19.44	665.99
1/9/2007	14.71	670.72
2/28/2007	2.67	682.76
4/16/2007	19.74	665.69
7/2/2007	19.68	665.75
10/15/2007	19.76	665.67
1/8/2008	7.92	677.51
4/2/2008	14.41	671.02
7/1/2008	14.45	671.37
9/30/2008	15.39	670.43
1/19/2009	13.55	672.27
4/14/2009	20.10	665.72
7/21/2009	15.15	670.67
10/14/2009	20.27	665.55
1/18/2010	20.40	665.42
4/8/2010	15.40	670.42
7/12/2010	17.15	668.67
10/11/2010	14.40	671.42
1/12/2011	17.92	667.90
4/4/2011	16.23	669.59
7/25/2011	3.10	682.72
10/3/2011	2.72	683.10
1/12/2012	15.30	670.52
4/2/2012	16.50	669.32
7/5/2012	12.81	673.01
10/11/2012	14.55	671.27
1/21/2013	13.45	672.37
4/1/2013	10.78	675.04
7/1/2013	19.85	665.97
10/9/2013	10.02	675.80
1/21/2014	18.20	667.62

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 685.82

MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



MONITORING WELL MW-15S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	1.20	685.44
10/12/2004	5.26	681.38
1/6/2005	0.35	686.29
4/14/2005	2.31	684.33
7/20/2005	4.78	681.86
10/4/2005	2.22	684.42
1/5/2006	0.70	685.94
4/11/2006	2.00	684.64
7/10/2006	4.75	681.89
1/9/2007	0.05	686.59
2/28/2007	0.00	686.64
4/16/2007	0.50	686.14
7/2/2007	4.67	681.97
10/16/2007	4.80	681.84
1/8/2008	0.70	685.94
4/2/2008	0.00	686.64
7/1/2008	0.50	687.02
9/30/2008	3.14	684.38
1/19/2009	1.50	686.02
4/14/2009	1.60	685.92
7/21/2009	1.11	686.41
10/14/2009	1.11	686.41
1/18/2010	0.80	686.72
4/8/2010	2.00	685.52
7/12/2010	2.80	684.72
10/11/2010	3.14	684.38
1/12/2011	1.40	686.12
4/4/2011	0.50	687.02
7/25/2011	2.51	685.01
10/3/2011	0.20	687.32
1/12/2012	0.50	687.02
4/2/2012	1.40	686.12
7/5/2012	3.90	683.62
10/1/2012	3.18	684.34
1/21/2013	0.00	687.52
4/1/2013	0.50	687.02
7/1/2013	1.73	685.79
10/9/2013	2.10	685.42
1/21/2014	1.75	685.77

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

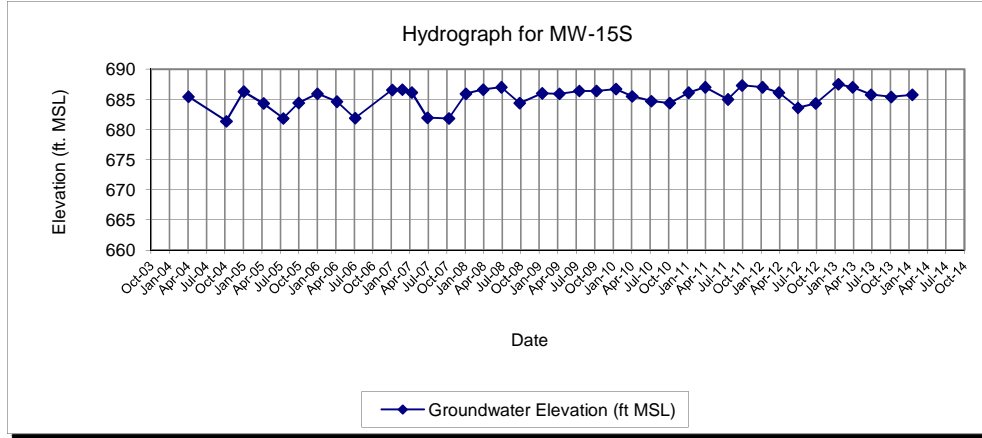
TOC Elevation - 686.64'

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 687.52'

MONITORING WELL MW-15S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



**MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	15.70	671.61
10/12/2004	17.42	669.89
1/6/2005	15.74	671.57
4/14/2005	16.99	670.32
7/20/2005	17.31	670.00
10/4/2005	8.94	678.37
1/5/2006	16.16	671.15
4/11/2006	16.90	670.41
7/10/2006	15.78	671.53
10/18/2006	15.50	671.81
1/9/2007	15.80	671.51
2/28/2007	4.10	683.21
4/16/2007	16.61	670.70
7/2/2007	17.20	670.11
10/16/2007	16.70	670.61
1/8/2008	8.99	678.32
4/2/2008	15.01	672.30
7/1/2008	14.64	672.98
9/30/2008	16.24	671.38
1/19/2009	15.00	672.62
4/14/2009	14.21	673.41
7/21/2009	14.61	673.01
10/14/2009	14.81	672.81
1/18/2010	16.89	670.73
4/8/2010	15.00	672.62
7/12/2010	13.00	674.62
10/11/2010	13.00	674.62
1/12/2011	15.65	671.97
4/4/2011	15.51	672.11
7/25/2011	3.73	683.89
10/3/2011	3.05	684.57
1/12/2012	15.50	672.12
4/2/2012	14.30	673.32
7/5/2012	9.81	677.81
10/11/2012	13.70	673.92
1/21/2013	15.90	671.72
4/1/2013	11.08	676.54
7/1/2013	16.04	671.58
10/9/2013	13.95	673.67
1/21/2014	15.05	672.57

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

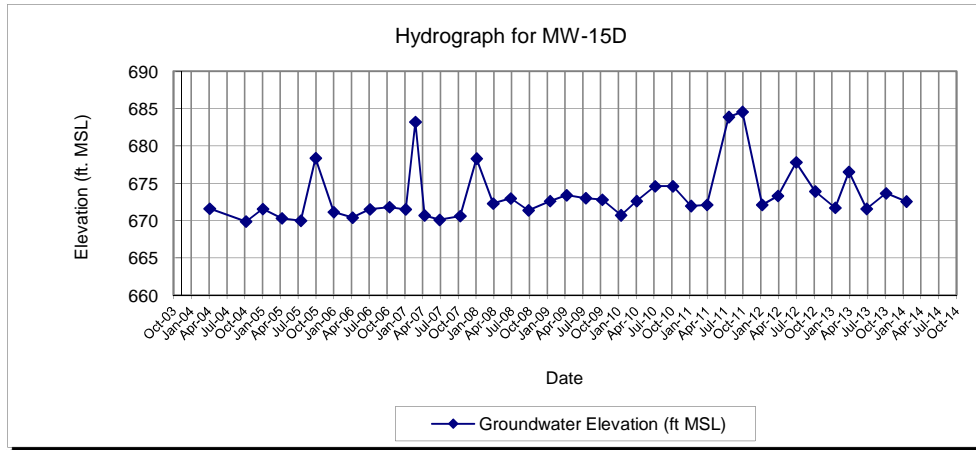
TOC Elevation - 687.31'

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 687.62'

MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



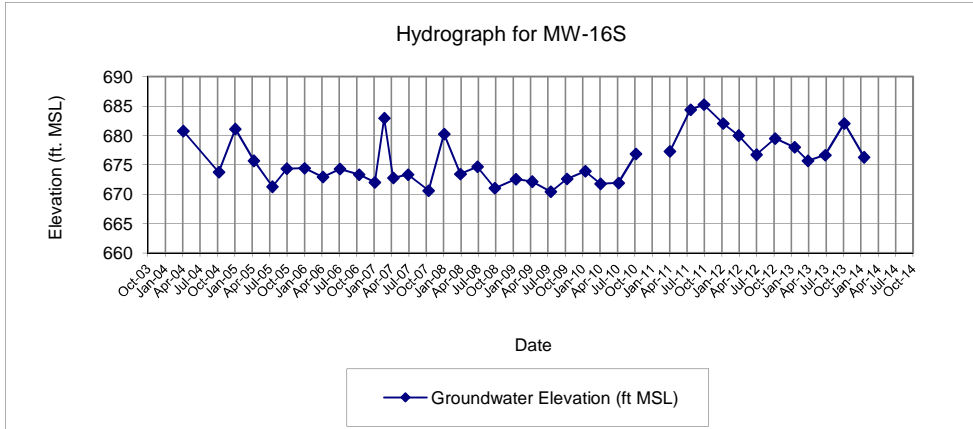
MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.09	680.75
10/12/2004	12.09	673.75
1/6/2005	4.75	681.09
4/14/2005	10.15	675.69
7/20/2005	14.56	671.28
10/4/2005	11.50	674.34
1/5/2006	11.41	674.43
4/11/2006	12.90	672.94
7/10/2006	11.54	674.30
10/18/2006	12.50	673.34
1/9/2007	13.82	672.02
2/28/2007	2.90	682.94
4/16/2007	13.07	672.77
7/2/2007	12.50	673.34
10/18/2007	15.23	670.61
1/8/2008	5.60	680.24
4/2/2008	12.40	673.44
7/1/2008	15.70	674.67
9/30/2008	19.34	671.03
1/19/2009	17.80	672.57
4/14/2009	18.22	672.15
7/21/2009	19.95	670.42
10/14/2009	17.77	672.60
1/18/2010	16.45	673.92
4/8/2010	18.60	671.77
7/12/2010	18.45	671.92
10/11/2010	13.51	676.86
1/12/2011	NA	
4/7/2011	8.55	677.29
7/25/2011	1.45	684.39
10/3/2011	0.60	685.24
1/12/2012	3.80	682.04
4/2/2012	5.85	679.99
7/5/2012	9.12	676.72
10/11/2012	6.36	679.48
1/21/2013	7.85	677.99
4/1/2013	10.15	675.69
7/1/2013	9.18	676.66
10/9/2013	3.80	682.04
1/21/2014	9.55	676.29

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.84'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 690.37'
TOC Elevation as of 4/7/2011 - 685.84'

MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



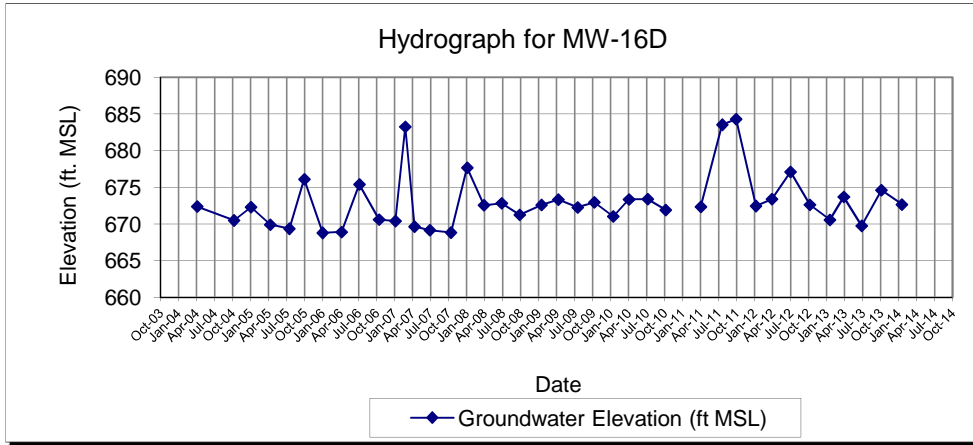
**MONITORING WELL MW-16D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.62	672.39
10/12/2004	15.51	670.50
1/6/2005	13.70	672.31
4/14/2005	16.09	669.92
7/20/2005	16.65	669.36
10/4/2005	9.89	676.12
1/5/2006	17.21	668.80
4/11/2006	17.1	668.91
7/10/2006	10.61	675.4
10/18/2006	15.41	670.6
1/9/2007	15.6	670.41
2/28/2007	2.74	683.27
4/16/2007	16.35	669.66
7/2/2007	16.85	669.16
10/18/2007	17.17	668.84
1/8/2008	8.32	677.69
4/2/2008	13.44	672.57
7/1/2008	17.72	672.83
9/30/2008	19.29	671.26
1/19/2009	17.95	672.60
4/14/2009	17.21	673.34
7/21/2009	18.28	672.27
10/14/2009	17.60	672.95
1/18/2010	19.51	671.04
4/8/2010	17.19	673.36
7/12/2010	17.15	673.40
10/11/2010	18.63	671.92
1/12/2011	NA	
4/7/2011	13.67	672.34
7/25/2011	2.46	683.55
10/3/2011	1.70	684.31
1/12/2012	13.55	672.46
4/2/2012	12.61	673.40
7/5/2012	8.90	677.11
10/11/2012	13.38	672.63
1/21/2013	15.44	670.57
4/1/2013	12.31	673.70
7/1/2013	16.25	669.76
10/9/2013	11.40	674.61
1/21/2014	13.35	672.66

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.01'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 690.55'
TOC Elevation as of 4/7/2011 - 686.01'

MONITORING WELL MW-16D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York





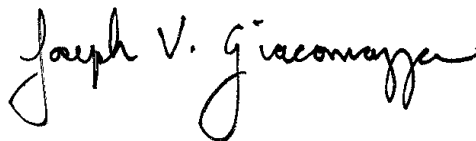
APPENDIX C

**Analytical Laboratory Data
(Full data reports contained on attached CD ROM)**

ANALYTICAL REPORT

Job Number: 480-53736-1
Job Description: Scott Aviation site

For:
AECOM, Inc.
100 Corporate Parkway
Suite 341
Amherst, NY 14226
Attention: Mr. Dino Zack



Approved for release.
Joe V Giacomazza
Project Management Assistant II
2/6/2014 12:11 PM

Designee for
Brian J Fischer, Manager of Project Management
10 Hazelwood Drive, Amherst, NY, 14228-2298
(716)504-9835
brian.fischer@testamericainc.com
02/06/2014

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report. TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

TestAmerica Laboratories, Inc.

TestAmerica Buffalo 10 Hazelwood Drive, Amherst, NY 14228-2298
Tel (716) 691-2600 Fax (716) 691-7991 www.testamericainc.com



Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Manual Integration Summary	5
Sample Summary	7
Executive Summary	8
Method Summary	9
Method / Analyst Summary	10
Sample Datasheets	11
Surrogate Summary	27
QC Data Summary	28
Data Qualifiers	32
QC Association Summary	33
Lab Chronicle	34
Certification Summary	37
Organic Sample Data	38
GC/MS VOA	38
Method 8260C	38
Method 8260C QC Summary	39
Method 8260C Sample Data	48
Standards Data	111
Method 8260C ICAL Data	111
Method 8260C CCAL Data	152
Raw QC Data	159
Method 8260C Tune Data	159
Method 8260C Blank Data	165

Table of Contents

Method 8260C LCS/LCSD Data	172
Method 8260C MS/MSD Data	179
Method 8260C Run Logs	189
Method 8260C Prep Data	191
Shipping and Receiving Documents	197
Client Chain of Custody	198
Sample Receipt Checklist	199

Job Narrative
480-53736-1

Receipt

The samples were received on 1/23/2014 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: (480-53736-6 MS), (480-53736-6 MSD), Duplicate (480-53736-7), MW-16S (480-53736-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The large number of analytes included in the continuing calibration verification (CCV) for batch 164250 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes are outside the method-defined %D criteria.

Method(s) 8260C: The matrix spike duplicate (MSD) recoveries for batch 164250 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No other analytical or quality issues were noted.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1

SDG No.: _____

Instrument ID: HP5975T Analysis Batch Number: 163563Lab Sample ID: IC 480-163563/7 Client Sample ID: _____Date Analyzed: 01/28/14 19:49 Lab File ID: T7271.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	4.94	Peak Tail	HillL	01/29/14 15:29

Lab Sample ID: IC 480-163563/8 Client Sample ID: _____Date Analyzed: 01/28/14 20:13 Lab File ID: T7272.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	4.94	Split Peak	larsonr	01/28/14 21:44

Lab Sample ID: IC 480-163563/11 Client Sample ID: _____Date Analyzed: 01/28/14 21:24 Lab File ID: T7275.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Methyl-2-propanol	2.63	Peak Tail	larsonr	01/28/14 21:46

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1

SDG No.: _____

Instrument ID: HP5975T Analysis Batch Number: 164250Lab Sample ID: LCS 480-164250/5 Client Sample ID: _____Date Analyzed: 02/03/14 11:51 Lab File ID: T7446.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)	3.53	Coelution	goliszekg	02/03/14 12:29

SAMPLE SUMMARY

Client: AECOM, Inc.

Job Number: 480-53736-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-53736-1	MW-2	Ground Water	01/21/2014 1430	01/23/2014 0800
480-53736-2	MW-3	Ground Water	01/21/2014 1600	01/23/2014 0800
480-53736-3	MW-6	Ground Water	01/22/2014 1000	01/23/2014 0800
480-53736-4	MW-10	Ground Water	01/22/2014 1100	01/23/2014 0800
480-53736-5	MW-11	Ground Water	01/21/2014 1515	01/23/2014 0800
480-53736-6	MW-16S	Ground Water	01/22/2014 1135	01/23/2014 0800
480-53736-7	Duplicate	Water	01/22/2014 1200	01/23/2014 0800
480-53736-8	Rinse	Water	01/22/2014 0800	01/23/2014 0800

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-53736-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-53736-1	MW-2					
1,1-Dichloroethane		0.67	J	1.0	ug/L	8260C
Chloroethane		1.9		1.0	ug/L	8260C
Cyclohexane		1.1		1.0	ug/L	8260C
Methylcyclohexane		0.18	J	1.0	ug/L	8260C
480-53736-2	MW-3					
1,1-Dichloroethane		6.9		1.0	ug/L	8260C
cis-1,2-Dichloroethene		2.3		1.0	ug/L	8260C
Vinyl chloride		2.3		1.0	ug/L	8260C
480-53736-5	MW-11					
1,1,1-Trichloroethane		0.85	J	1.0	ug/L	8260C
1,1-Dichloroethane		9.4		1.0	ug/L	8260C
1,1-Dichloroethene		1.3		1.0	ug/L	8260C
Chloroethane		3.8		1.0	ug/L	8260C
cis-1,2-Dichloroethene		38		1.0	ug/L	8260C
Vinyl chloride		13		1.0	ug/L	8260C
480-53736-6	MW-16S					
1,1,1-Trichloroethane		2700		2000	ug/L	8260C
1,1-Dichloroethane		830	J	2000	ug/L	8260C
cis-1,2-Dichloroethene		43000		2000	ug/L	8260C
Trichloroethene		110000		2000	ug/L	8260C
Vinyl chloride		3700		2000	ug/L	8260C
480-53736-7	DUPLICATE					
1,1,1-Trichloroethane		2500		2000	ug/L	8260C
1,1-Dichloroethane		800	J	2000	ug/L	8260C
cis-1,2-Dichloroethene		42000		2000	ug/L	8260C
Trichloroethene		99000		2000	ug/L	8260C
Vinyl chloride		3600		2000	ug/L	8260C

METHOD SUMMARY

Client: AECOM, Inc.

Job Number: 480-53736-1

Description	Lab Location	Method	Preparation Method
Matrix: Ground Water			
Volatile Organic Compounds by GC/MS	TAL BUF	SW846 8260C	
Purge and Trap	TAL BUF		SW846 5030C
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL BUF	SW846 8260C	
Purge and Trap	TAL BUF		SW846 5030C

Lab References:

TAL BUF = TestAmerica Buffalo

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AECOM, Inc.

Job Number: 480-53736-1

Method	Analyst	Analyst ID
SW846 8260C	Larson, Renee A	RAL

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-2

Lab Sample ID: 480-53736-1

Date Sampled: 01/21/2014 1430

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7460.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1741			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1741				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	0.67	J	0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	1.9		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	1.1		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	0.18	J	0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-2

Lab Sample ID: 480-53736-1

Date Sampled: 01/21/2014 1430

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7460.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1741			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1741				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	97		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-3

Lab Sample ID: 480-53736-2

Date Sampled: 01/21/2014 1600

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7461.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1805			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1805				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	6.9		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	2.3		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-3

Lab Sample ID: 480-53736-2

Date Sampled: 01/21/2014 1600

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7461.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1805			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1805				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	2.3		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	98		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-6

Lab Sample ID: 480-53736-3

Date Sampled: 01/22/2014 1000

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7462.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1829			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1829				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-6

Lab Sample ID: 480-53736-3

Date Sampled: 01/22/2014 1000

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7462.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1829			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1829				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	99		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-10

Lab Sample ID: 480-53736-4

Date Sampled: 01/22/2014 1100

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7463.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1853			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-10

Lab Sample ID: 480-53736-4

Date Sampled: 01/22/2014 1100

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7463.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1853			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	99		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-11

Lab Sample ID: 480-53736-5

Date Sampled: 01/21/2014 1515

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7464.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1917			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1917				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.85	J	0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	9.4		0.38	1.0
1,1-Dichloroethene	1.3		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	3.8		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	38		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-11

Lab Sample ID: 480-53736-5

Date Sampled: 01/21/2014 1515

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7464.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1917			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1917				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	13		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	100		71 - 126

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-16S

Lab Sample ID: 480-53736-6

Date Sampled: 01/22/2014 1135

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7466.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 2005			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 2005				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	2700		1600	2000
1,1,2,2-Tetrachloroethane	ND		420	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		620	2000
1,1,2-Trichloroethane	ND		460	2000
1,1-Dichloroethane	830	J	760	2000
1,1-Dichloroethene	ND		580	2000
1,2,4-Trichlorobenzene	ND		820	2000
1,2-Dibromo-3-Chloropropane	ND		780	2000
1,2-Dibromoethane	ND		1500	2000
1,2-Dichlorobenzene	ND		1600	2000
1,2-Dichloroethane	ND		420	2000
1,2-Dichloropropane	ND		1400	2000
1,3-Dichlorobenzene	ND		1600	2000
1,4-Dichlorobenzene	ND		1700	2000
2-Butanone (MEK)	ND		2600	20000
2-Hexanone	ND		2500	10000
4-Methyl-2-pentanone (MIBK)	ND		4200	10000
Acetone	ND		6000	20000
Benzene	ND		820	2000
Bromodichloromethane	ND		780	2000
Bromoform	ND		520	2000
Bromomethane	ND		1400	2000
Carbon disulfide	ND		380	2000
Carbon tetrachloride	ND		540	2000
Chlorobenzene	ND		1500	2000
Chloroethane	ND		640	2000
Chloroform	ND		680	2000
Chloromethane	ND		700	2000
cis-1,2-Dichloroethene	43000		1600	2000
cis-1,3-Dichloropropene	ND		720	2000
Cyclohexane	ND		360	2000
Dibromochloromethane	ND		640	2000
Dichlorodifluoromethane	ND		1400	2000
Ethylbenzene	ND		1500	2000
Isopropylbenzene	ND		1600	2000
Methyl acetate	ND		1000	5000
Methyl tert-butyl ether	ND		320	2000
Methylcyclohexane	ND		320	2000
Methylene Chloride	ND		880	2000
Styrene	ND		1500	2000
Tetrachloroethene	ND		720	2000
Toluene	ND		1000	2000
trans-1,2-Dichloroethene	ND		1800	2000
trans-1,3-Dichloropropene	ND		740	2000
Trichloroethene	110000		920	2000
Trichlorofluoromethane	ND		1800	2000

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: MW-16S

Lab Sample ID: 480-53736-6

Date Sampled: 01/22/2014 1135

Client Matrix: Ground Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7466.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 2005			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 2005				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	3700		1800	2000
Xylenes, Total	ND		1300	4000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	97		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: Duplicate

Lab Sample ID: 480-53736-7

Date Sampled: 01/22/2014 1200

Client Matrix: Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7467.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 2029			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 2029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	2500		1600	2000
1,1,2,2-Tetrachloroethane	ND		420	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		620	2000
1,1,2-Trichloroethane	ND		460	2000
1,1-Dichloroethane	800	J	760	2000
1,1-Dichloroethene	ND		580	2000
1,2,4-Trichlorobenzene	ND		820	2000
1,2-Dibromo-3-Chloropropane	ND		780	2000
1,2-Dibromoethane	ND		1500	2000
1,2-Dichlorobenzene	ND		1600	2000
1,2-Dichloroethane	ND		420	2000
1,2-Dichloropropane	ND		1400	2000
1,3-Dichlorobenzene	ND		1600	2000
1,4-Dichlorobenzene	ND		1700	2000
2-Butanone (MEK)	ND		2600	20000
2-Hexanone	ND		2500	10000
4-Methyl-2-pentanone (MIBK)	ND		4200	10000
Acetone	ND		6000	20000
Benzene	ND		820	2000
Bromodichloromethane	ND		780	2000
Bromoform	ND		520	2000
Bromomethane	ND		1400	2000
Carbon disulfide	ND		380	2000
Carbon tetrachloride	ND		540	2000
Chlorobenzene	ND		1500	2000
Chloroethane	ND		640	2000
Chloroform	ND		680	2000
Chloromethane	ND		700	2000
cis-1,2-Dichloroethene	42000		1600	2000
cis-1,3-Dichloropropene	ND		720	2000
Cyclohexane	ND		360	2000
Dibromochloromethane	ND		640	2000
Dichlorodifluoromethane	ND		1400	2000
Ethylbenzene	ND		1500	2000
Isopropylbenzene	ND		1600	2000
Methyl acetate	ND		1000	5000
Methyl tert-butyl ether	ND		320	2000
Methylcyclohexane	ND		320	2000
Methylene Chloride	ND		880	2000
Styrene	ND		1500	2000
Tetrachloroethene	ND		720	2000
Toluene	ND		1000	2000
trans-1,2-Dichloroethene	ND		1800	2000
trans-1,3-Dichloropropene	ND		740	2000
Trichloroethene	99000		920	2000
Trichlorofluoromethane	ND		1800	2000

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: Duplicate

Lab Sample ID: 480-53736-7

Date Sampled: 01/22/2014 1200

Client Matrix: Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7467.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 2029			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 2029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	3600		1800	2000
Xylenes, Total	ND		1300	4000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		66 - 137
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	101		71 - 126

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: Rinse

Lab Sample ID: 480-53736-8

Date Sampled: 01/22/2014 0800

Client Matrix: Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7465.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1941			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1941				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53736-1

Client Sample ID: Rinse

Lab Sample ID: 480-53736-8

Date Sampled: 01/22/2014 0800

Client Matrix: Water

Date Received: 01/23/2014 0800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T7465.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1941			Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1941				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	100		71 - 126

Client: AECOM, Inc.

Job Number: 480-53736-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
480-53736-1	MW-2	96	97	99
480-53736-2	MW-3	97	98	99
480-53736-3	MW-6	96	99	99
480-53736-4	MW-10	97	99	99
480-53736-5	MW-11	98	100	101
480-53736-6	MW-16S	98	97	99
480-53736-7	Duplicate	100	101	101
480-53736-8	Rinse	96	100	99
MB 480-164250/7		94	100	101
LCS 480-164250/5		93	98	100
480-53736-6 MS	MW-16S MS	97	98	101
480-53736-6 MSD	MW-16S MSD	96	100	104

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	73-120

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53736-1

Method Blank - Batch: 480-164250

**Method: 8260C
Preparation: 5030C**

Lab Sample ID: MB 480-164250/7
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 02/03/2014 1239
 Prep Date: 02/03/2014 1239
 Leach Date: N/A

Analysis Batch: 480-164250
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: HP5975T
 Lab File ID: T7448.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,1,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53736-1

Method Blank - Batch: 480-164250

**Method: 8260C
Preparation: 5030C**

Lab Sample ID:	MB 480-164250/7	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T7448.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1239	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1239				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichlorofluoromethane	ND		0.88	1.0
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	66 - 137
4-Bromofluorobenzene (Surr)	101	73 - 120
Toluene-d8 (Surr)	100	71 - 126

Lab Control Sample - Batch: 480-164250

**Method: 8260C
Preparation: 5030C**

Lab Sample ID:	LCS 480-164250/5	Analysis Batch:	480-164250	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T7446.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/03/2014 1151	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/03/2014 1151				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	24.7	99	71 - 129	
1,1-Dichloroethene	25.0	23.8	95	58 - 121	
1,2-Dichlorobenzene	25.0	25.4	102	80 - 124	
1,2-Dichloroethane	25.0	24.6	98	75 - 127	
Benzene	25.0	24.3	97	71 - 124	
Chlorobenzene	25.0	25.4	102	72 - 120	
cis-1,2-Dichloroethene	25.0	24.9	100	74 - 124	
Ethylbenzene	25.0	25.1	100	77 - 123	
Methyl tert-butyl ether	25.0	24.5	98	64 - 127	
Tetrachloroethene	25.0	25.1	101	74 - 122	
Toluene	25.0	24.6	98	80 - 122	
trans-1,2-Dichloroethene	25.0	24.8	99	73 - 127	
Trichloroethene	25.0	25.2	101	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	66 - 137
4-Bromofluorobenzene (Surr)	100	73 - 120
Toluene-d8 (Surr)	98	71 - 126

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53736-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-164250**

**Method: 8260C
Preparation: 5030C**

MS Lab Sample ID: 480-53736-6	Analysis Batch: 480-164250	Instrument ID: HP5975T
Client Matrix: Water	Prep Batch: N/A	Lab File ID: T7468.D
Dilution: 2000	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 02/03/2014 2052		Final Weight/Volume: 5 mL
Prep Date: 02/03/2014 2052		5 mL
Leach Date: N/A		

MSD Lab Sample ID: 480-53736-6	Analysis Batch: 480-164250	Instrument ID: HP5975T
Client Matrix: Water	Prep Batch: N/A	Lab File ID: T7469.D
Dilution: 2000	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 02/03/2014 2116		Final Weight/Volume: 5 mL
Prep Date: 02/03/2014 2116		5 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1-Dichloroethane	97	95	71 - 129	2	20		
1,1-Dichloroethene	96	91	58 - 121	6	16		
1,2-Dichlorobenzene	98	97	80 - 124	1	20		
1,2-Dichloroethane	96	95	75 - 127	1	20		
Benzene	95	94	71 - 124	1	13		
Chlorobenzene	97	97	72 - 120	0	25		
cis-1,2-Dichloroethene	93	89	74 - 124	3	15		
Ethylbenzene	98	96	77 - 123	2	15		
Methyl tert-butyl ether	95	93	64 - 127	2	37		
Tetrachloroethene	94	94	74 - 122	0	20		
Toluene	97	96	80 - 122	1	15		
trans-1,2-Dichloroethene	99	98	73 - 127	1	20		
Trichloroethene	78	69	74 - 123	3	16		F1
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	97		96		66 - 137		
4-Bromofluorobenzene (Surr)	101		104		73 - 120		
Toluene-d8 (Surr)	98		100		71 - 126		

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53736-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-164250**

**Method: 8260C
Preparation: 5030C**

MS Lab Sample ID: 480-53736-6 Units: ug/L
 Client Matrix: Water
 Dilution: 2000
 Analysis Date: 02/03/2014 2052
 Prep Date: 02/03/2014 2052
 Leach Date: N/A

MSD Lab Sample ID: 480-53736-6
 Client Matrix: Water
 Dilution: 2000
 Analysis Date: 02/03/2014 2116
 Prep Date: 02/03/2014 2116
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,1-Dichloroethane	830 J	50000	50000	49200	48400	
1,1-Dichloroethene	ND	50000	50000	48000	45400	
1,2-Dichlorobenzene	ND	50000	50000	49100	48400	
1,2-Dichloroethane	ND	50000	50000	48200	47600	
Benzene	ND	50000	50000	47700	47100	
Chlorobenzene	ND	50000	50000	48700	48500	
cis-1,2-Dichloroethene	43000	50000	50000	89900	87600	
Ethylbenzene	ND	50000	50000	49000	48200	
Methyl tert-butyl ether	ND	50000	50000	47400	46500	
Tetrachloroethene	ND	50000	50000	47200	47000	
Toluene	ND	50000	50000	48400	47900	
trans-1,2-Dichloroethene	ND	50000	50000	49500	48900	
Trichloroethene	110000	50000	50000	152000	148000	F1

DATA REPORTING QUALIFIERS

Client: AECOM, Inc.

Job Number: 480-53736-1

Lab Section	Qualifier	Description
GC/MS VOA	F1	MS and/or MSD Recovery exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53736-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:480-164250					
LCS 480-164250/5	Lab Control Sample	T	Water	8260C	
MB 480-164250/7	Method Blank	T	Water	8260C	
480-53736-1	MW-2	T	Water	8260C	
480-53736-2	MW-3	T	Water	8260C	
480-53736-3	MW-6	T	Water	8260C	
480-53736-4	MW-10	T	Water	8260C	
480-53736-5	MW-11	T	Water	8260C	
480-53736-6	MW-16S	T	Water	8260C	
480-53736-6MS	Matrix Spike	T	Water	8260C	
480-53736-6MSD	Matrix Spike Duplicate	T	Water	8260C	
480-53736-7	Duplicate	T	Water	8260C	
480-53736-8	Rinse	T	Water	8260C	

Report Basis

T = Total

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53736-1

Laboratory Chronicle

Lab ID: 480-53736-1

Client ID: MW-2

Sample Date/Time: 01/21/2014 14:30

Received Date/Time: 01/23/2014 08:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-53736-A-1		480-164250		02/03/2014 17:41	1	TAL BUF	RAL
A:8260C	480-53736-A-1		480-164250		02/03/2014 17:41	1	TAL BUF	RAL

Lab ID: 480-53736-2

Client ID: MW-3

Sample Date/Time: 01/21/2014 16:00

Received Date/Time: 01/23/2014 08:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-53736-A-2		480-164250		02/03/2014 18:05	1	TAL BUF	RAL
A:8260C	480-53736-A-2		480-164250		02/03/2014 18:05	1	TAL BUF	RAL

Lab ID: 480-53736-3

Client ID: MW-6

Sample Date/Time: 01/22/2014 10:00

Received Date/Time: 01/23/2014 08:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-53736-A-3		480-164250		02/03/2014 18:29	1	TAL BUF	RAL
A:8260C	480-53736-A-3		480-164250		02/03/2014 18:29	1	TAL BUF	RAL

Lab ID: 480-53736-4

Client ID: MW-10

Sample Date/Time: 01/22/2014 11:00

Received Date/Time: 01/23/2014 08:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-53736-A-4		480-164250		02/03/2014 18:53	1	TAL BUF	RAL
A:8260C	480-53736-A-4		480-164250		02/03/2014 18:53	1	TAL BUF	RAL

Lab ID: 480-53736-5

Client ID: MW-11

Sample Date/Time: 01/21/2014 15:15

Received Date/Time: 01/23/2014 08:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-53736-A-5		480-164250		02/03/2014 19:17	1	TAL BUF	RAL
A:8260C	480-53736-A-5		480-164250		02/03/2014 19:17	1	TAL BUF	RAL

Lab ID: 480-53736-6

Client ID: MW-16S

Sample Date/Time: 01/22/2014 11:35

Received Date/Time: 01/23/2014 08:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-53736-A-6		480-164250		02/03/2014 20:05	2000	TAL BUF	RAL
A:8260C	480-53736-A-6		480-164250		02/03/2014 20:05	2000	TAL BUF	RAL

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53736-1

Laboratory Chronicle

Lab ID: 480-53736-6 MS

Client ID: MW-16S

Sample Date/Time: 01/22/2014 11:35

Received Date/Time: 01/23/2014 08:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-53736-A-6 MS		480-164250		02/03/2014 20:52	2000	TAL BUF	RAL
A:8260C	480-53736-A-6 MS		480-164250		02/03/2014 20:52	2000	TAL BUF	RAL

Lab ID: 480-53736-6 MSD

Client ID: MW-16S

Sample Date/Time: 01/22/2014 11:35

Received Date/Time: 01/23/2014 08:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-53736-A-6 MSD		480-164250		02/03/2014 21:16	2000	TAL BUF	RAL
A:8260C	480-53736-A-6 MSD		480-164250		02/03/2014 21:16	2000	TAL BUF	RAL

Lab ID: 480-53736-7

Client ID: Duplicate

Sample Date/Time: 01/22/2014 12:00

Received Date/Time: 01/23/2014 08:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-53736-A-7		480-164250		02/03/2014 20:29	2000	TAL BUF	RAL
A:8260C	480-53736-A-7		480-164250		02/03/2014 20:29	2000	TAL BUF	RAL

Lab ID: 480-53736-8

Client ID: Rinse

Sample Date/Time: 01/22/2014 08:00

Received Date/Time: 01/23/2014 08:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-53736-A-8		480-164250		02/03/2014 19:41	1	TAL BUF	RAL
A:8260C	480-53736-A-8		480-164250		02/03/2014 19:41	1	TAL BUF	RAL

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:5030C	MB 480-164250/7		480-164250		02/03/2014 12:39	1	TAL BUF	RAL
A:8260C	MB 480-164250/7		480-164250		02/03/2014 12:39	1	TAL BUF	RAL

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53736-1

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:5030C	LCS 480-164250/5		480-164250		02/03/2014 11:51	1	TAL BUF	RAL
A:8260C	LCS 480-164250/5		480-164250		02/03/2014 11:51	1	TAL BUF	RAL

Lab References:

TAL BUF = TestAmerica Buffalo

Certification Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-53736-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAP	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAP	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAP	5	200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAP	7	E-10187
TestAmerica Buffalo	Kentucky (DW)	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAP	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY00044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAP	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAP	1	2337
TestAmerica Buffalo	New Hampshire	NELAP	1	2973
TestAmerica Buffalo	New Jersey	NELAP	2	NY455
TestAmerica Buffalo	New York	NELAP	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAP	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAP	3	68-00281
TestAmerica Buffalo	Rhode Island	State Program	1	LAO00328
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAP	6	T104704412-11-2
TestAmerica Buffalo	USDA	Federal		P330-11-00386
TestAmerica Buffalo	Virginia	NELAP	3	460185
TestAmerica Buffalo	Washington	State Program	10	C784
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

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.

Method 8260C

Volatile Organic Compounds (GC/MS)
by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): ZB-624 (60) ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
MW-2	480-53736-1	96	97	99
MW-3	480-53736-2	97	98	99
MW-6	480-53736-3	96	99	99
MW-10	480-53736-4	97	99	99
MW-11	480-53736-5	98	100	101
MW-16S	480-53736-6	98	97	99
Duplicate	480-53736-7	100	101	101
Rinse	480-53736-8	96	100	99
	MB 480-164250/7	94	100	101
	LCS 480-164250/5	93	98	100
MW-16S MS	480-53736-6 MS	97	98	101
MW-16S MSD	480-53736-6 MSD	96	100	104

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

QC LIMITS
66-137
71-126
73-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: T7446.D
 Lab ID: LCS 480-164250/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	24.7	99	71-129	
1,1-Dichloroethene	25.0	23.8	95	58-121	
1,2-Dichlorobenzene	25.0	25.4	102	80-124	
1,2-Dichloroethane	25.0	24.6	98	75-127	
Benzene	25.0	24.3	97	71-124	
Chlorobenzene	25.0	25.4	102	72-120	
cis-1,2-Dichloroethene	25.0	24.9	100	74-124	
Ethylbenzene	25.0	25.1	100	77-123	
Methyl tert-butyl ether	25.0	24.5	98	64-127	
Tetrachloroethene	25.0	25.1	101	74-122	
Toluene	25.0	24.6	98	80-122	
trans-1,2-Dichloroethene	25.0	24.8	99	73-127	
Trichloroethene	25.0	25.2	101	74-123	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: T7468.D
 Lab ID: 480-53736-6 MS Client ID: MW-16S MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	50000	830 J	49200	97	71-129	
1,1-Dichloroethene	50000	ND	48000	96	58-121	
1,2-Dichlorobenzene	50000	ND	49100	98	80-124	
1,2-Dichloroethane	50000	ND	48200	96	75-127	
Benzene	50000	ND	47700	95	71-124	
Chlorobenzene	50000	ND	48700	97	72-120	
cis-1,2-Dichloroethene	50000	43000	89900	93	74-124	
Ethylbenzene	50000	ND	49000	98	77-123	
Methyl tert-butyl ether	50000	ND	47400	95	64-127	
Tetrachloroethene	50000	ND	47200	94	74-122	
Toluene	50000	ND	48400	97	80-122	
trans-1,2-Dichloroethene	50000	ND	49500	99	73-127	
Trichloroethene	50000	110000	152000	78	74-123	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: T7469.D
 Lab ID: 480-53736-6 MSD Client ID: MW-16S MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethane	50000	48400	95	2	20	71-129	
1,1-Dichloroethene	50000	45400	91	6	16	58-121	
1,2-Dichlorobenzene	50000	48400	97	1	20	80-124	
1,2-Dichloroethane	50000	47600	95	1	20	75-127	
Benzene	50000	47100	94	1	13	71-124	
Chlorobenzene	50000	48500	97	0	25	72-120	
cis-1,2-Dichloroethene	50000	87600	89	3	15	74-124	
Ethylbenzene	50000	48200	96	2	15	77-123	
Methyl tert-butyl ether	50000	46500	93	2	37	64-127	
Tetrachloroethene	50000	47000	94	0	20	74-122	
Toluene	50000	47900	96	1	15	80-122	
trans-1,2-Dichloroethene	50000	48900	98	1	20	73-127	
Trichloroethene	50000	148000	69	3	16	74-123	F1

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Lab File ID: T7448.D Lab Sample ID: MB 480-164250/7
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: HP5975T Date Analyzed: 02/03/2014 12:39
 GC Column: ZB-624 (60) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-164250/5	T7446.D	02/03/2014 11:51
MW-2	480-53736-1	T7460.D	02/03/2014 17:41
MW-3	480-53736-2	T7461.D	02/03/2014 18:05
MW-6	480-53736-3	T7462.D	02/03/2014 18:29
MW-10	480-53736-4	T7463.D	02/03/2014 18:53
MW-11	480-53736-5	T7464.D	02/03/2014 19:17
Rinse	480-53736-8	T7465.D	02/03/2014 19:41
MW-16S	480-53736-6	T7466.D	02/03/2014 20:05
Duplicate	480-53736-7	T7467.D	02/03/2014 20:29
MW-16S MS	480-53736-6 MS	T7468.D	02/03/2014 20:52
MW-16S MSD	480-53736-6 MSD	T7469.D	02/03/2014 21:16

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Lab File ID: T7267.D BFB Injection Date: 01/28/2014
 Instrument ID: HP5975T BFB Injection Time: 18:13
 Analysis Batch No.: 163563

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.9
75	30.0 - 60.0 % of mass 95	51.6
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	0.3 (0.4)1
174	50.0 - 120.00 % of mass 95	65.3
175	5.0 - 9.0 % of mass 174	5.3 (8.1)1
176	95.0 - 101.0 % of mass 174	64.8 (99.1)1
177	5.0 - 9.0 % of mass 176	4.5 (6.9)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 480-163563/5	T7269.D	01/28/2014	19:01
	IC 480-163563/6	T7270.D	01/28/2014	19:25
	IC 480-163563/7	T7271.D	01/28/2014	19:49
	IC 480-163563/8	T7272.D	01/28/2014	20:13
	ICIS 480-163563/9	T7273.D	01/28/2014	20:36
	IC 480-163563/10	T7274.D	01/28/2014	21:00
	IC 480-163563/11	T7275.D	01/28/2014	21:24

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Lab File ID: T7442.D BFB Injection Date: 02/03/2014
 Instrument ID: HP5975T BFB Injection Time: 09:42
 Analysis Batch No.: 164250

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.2
75	30.0 - 60.0 % of mass 95	50.0
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	0.6 (0.9)1
174	50.0 - 120.00 % of mass 95	64.7
175	5.0 - 9.0 % of mass 174	4.6 (7.1)1
176	95.0 - 101.0 % of mass 174	62.2 (96.1)1
177	5.0 - 9.0 % of mass 176	4.0 (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 480-164250/29	T7444.D	02/03/2014	10:49
	LCS 480-164250/5	T7446.D	02/03/2014	11:51
	MB 480-164250/7	T7448.D	02/03/2014	12:39
MW-2	480-53736-1	T7460.D	02/03/2014	17:41
MW-3	480-53736-2	T7461.D	02/03/2014	18:05
MW-6	480-53736-3	T7462.D	02/03/2014	18:29
MW-10	480-53736-4	T7463.D	02/03/2014	18:53
MW-11	480-53736-5	T7464.D	02/03/2014	19:17
Rinse	480-53736-8	T7465.D	02/03/2014	19:41
MW-16S	480-53736-6	T7466.D	02/03/2014	20:05
Duplicate	480-53736-7	T7467.D	02/03/2014	20:29
MW-16S MS	480-53736-6 MS	T7468.D	02/03/2014	20:52
MW-16S MSD	480-53736-6 MSD	T7469.D	02/03/2014	21:16

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Sample No.: ICIS 480-163563/9 Date Analyzed: 01/28/2014 20:36
 Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm)
 Lab File ID (Standard): T7273.D Heated Purge: (Y/N) N
 Calibration ID: 17309

	FB		CBZ		DCB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	560118	4.34	381268	6.64	191939	8.49
UPPER LIMIT	1120236	4.84	762536	7.14	383878	8.99
LOWER LIMIT	280059	3.84	190634	6.14	95970	7.99
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCVIS 480-164250/29	545503	4.34	381431	6.64	195520	8.49

FB = Fluorobenzene (IS)

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Sample No.: CCVIS 480-164250/29 Date Analyzed: 02/03/2014 10:49
 Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm)
 Lab File ID (Standard): T7444.D Heated Purge: (Y/N) N
 Calibration ID: 17312

	FB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	545503	4.34	381431	6.64	195520	8.49	
UPPER LIMIT	1091006	4.84	762862	7.14	391040	8.99	
LOWER LIMIT	272752	3.84	190716	6.14	97760	7.99	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-164250/5	558239	4.34	393077	6.64	199856	8.49	
MB 480-164250/7	555586	4.34	379250	6.64	182606	8.49	
480-53736-1	MW-2	545003	4.34	377722	6.64	178529	8.49
480-53736-2	MW-3	548280	4.34	375854	6.64	178944	8.49
480-53736-3	MW-6	543456	4.34	374788	6.64	179962	8.49
480-53736-4	MW-10	539653	4.34	373302	6.64	177764	8.49
480-53736-5	MW-11	551545	4.34	372476	6.64	178028	8.49
480-53736-8	Rinse	542007	4.34	369486	6.64	178619	8.49
480-53736-6	MW-16S	532669	4.34	371118	6.64	177829	8.49
480-53736-7	Duplicate	537124	4.34	368764	6.64	176275	8.49
480-53736-6 MS	MW-16S MS	553766	4.34	386316	6.64	196741	8.49
480-53736-6 MSD	MW-16S MSD	553730	4.34	378386	6.64	194531	8.49

FB = Fluorobenzene (IS)
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-2 Lab Sample ID: 480-53736-1
 Matrix: Ground Water Lab File ID: T7460.D
 Analysis Method: 8260C Date Collected: 01/21/2014 14:30
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 17:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	0.67	J	1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	1.9		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	1.1		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-2 Lab Sample ID: 480-53736-1
 Matrix: Ground Water Lab File ID: T7460.D
 Analysis Method: 8260C Date Collected: 01/21/2014 14:30
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 17:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	0.18	J	1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		66-137
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	97		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7460.D
 Lims ID: 480-53736-A-1 Lab Sample ID: 480-53736-1
 Client ID: MW-2
 Sample Type: Client
 Inject. Date: 03-Feb-2014 17:41:30 ALS Bottle#: 5 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-53736-A-1
 Misc. Info.: 480-0029232-019
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 17:07:20 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: larsonr

Date: 03-Feb-2014 19:08:35

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	98	545003	25.0	
* 1 1,4-Difluorobenzene	114		4.429					
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	87	377722	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	97	178529	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	180638	24.1	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	94	517478	24.2	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	137234	24.9	
11 Dichlorodifluoromethane	85		0.905					
13 Chloromethane	50		1.019					
14 Vinyl chloride	62	1.102	1.102	0.0	1	3582	0.4475	
15 Bromomethane	94		1.330					
16 Chloroethane	64	1.403	1.403	0.0	73	6207	1.88	
17 Trichlorofluoromethane	101		1.568					
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.973					
22 1,1-Dichloroethene	96		1.973					
23 Acetone	43	2.107	2.097	0.010	67	3097	1.16	
25 Carbon disulfide	76		2.128					
28 Methyl acetate	43		2.366					
30 Methylene Chloride	84		2.439					
33 Methyl tert-butyl ether	73		2.636					
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	57	1339	0.2298	
36 1,1-Dichloroethane	63	3.009	2.999	0.010	53	8082	0.6667	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	36	2344	0.3787	
44 2-Butanone (MEK)	43		3.527					
50 Chloroform	83		3.734					
51 1,1,1-Trichloroethane	97		3.817					
52 Cyclohexane	56	3.817	3.817	0.0	87	13556	1.06	
53 Carbon tetrachloride	117		3.931					
55 Benzene	78	4.118	4.118	0.0	35	8185	0.3365	
57 1,2-Dichloroethane	62		4.170					
60 Trichloroethene	95		4.605					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
62 Methylcyclohexane	83	4.688	4.688	0.0	37	2076	0.1831	
63 1,2-Dichloropropane	63		4.802					
67 Dichlorobromomethane	83		5.019					
71 cis-1,3-Dichloropropene	75		5.351					
72 4-Methyl-2-pentanone (MIBK)	43		5.475					
73 Toluene	92		5.569					
75 trans-1,3-Dichloropropene	75		5.786					
78 1,1,2-Trichloroethane	83		5.931					
79 Tetrachloroethene	166		5.962					
81 2-Hexanone	43		6.118					
82 Chlorodibromomethane	129		6.221					
83 Ethylene Dibromide	107		6.294					
86 Chlorobenzene	112		6.657					
88 Ethylbenzene	91		6.729					
90 m-Xylene & p-Xylene	106		6.823					
91 o-Xylene	106		7.133					
92 Styrene	104		7.154					
93 Bromoform	173		7.330					
95 Isopropylbenzene	105		7.424					
98 1,1,2,2-Tetrachloroethane	83		7.734					
110 1,3-Dichlorobenzene	146		8.429					
113 1,4-Dichlorobenzene	146		8.512					
116 1,2-Dichlorobenzene	146		8.812					
117 1,2-Dibromo-3-Chloropropane	75		9.486					
119 1,2,4-Trichlorobenzene	180		10.128					
S 126 Xylenes, Total	1		30.000					

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7460.D

Injection Date: 03-Feb-2014 17:41:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: 480-53736-A-1

Lab Sample ID: 480-53736-1

Worklist Smp#: 19

Client ID: MW-2

Purge Vol: 5.000 mL

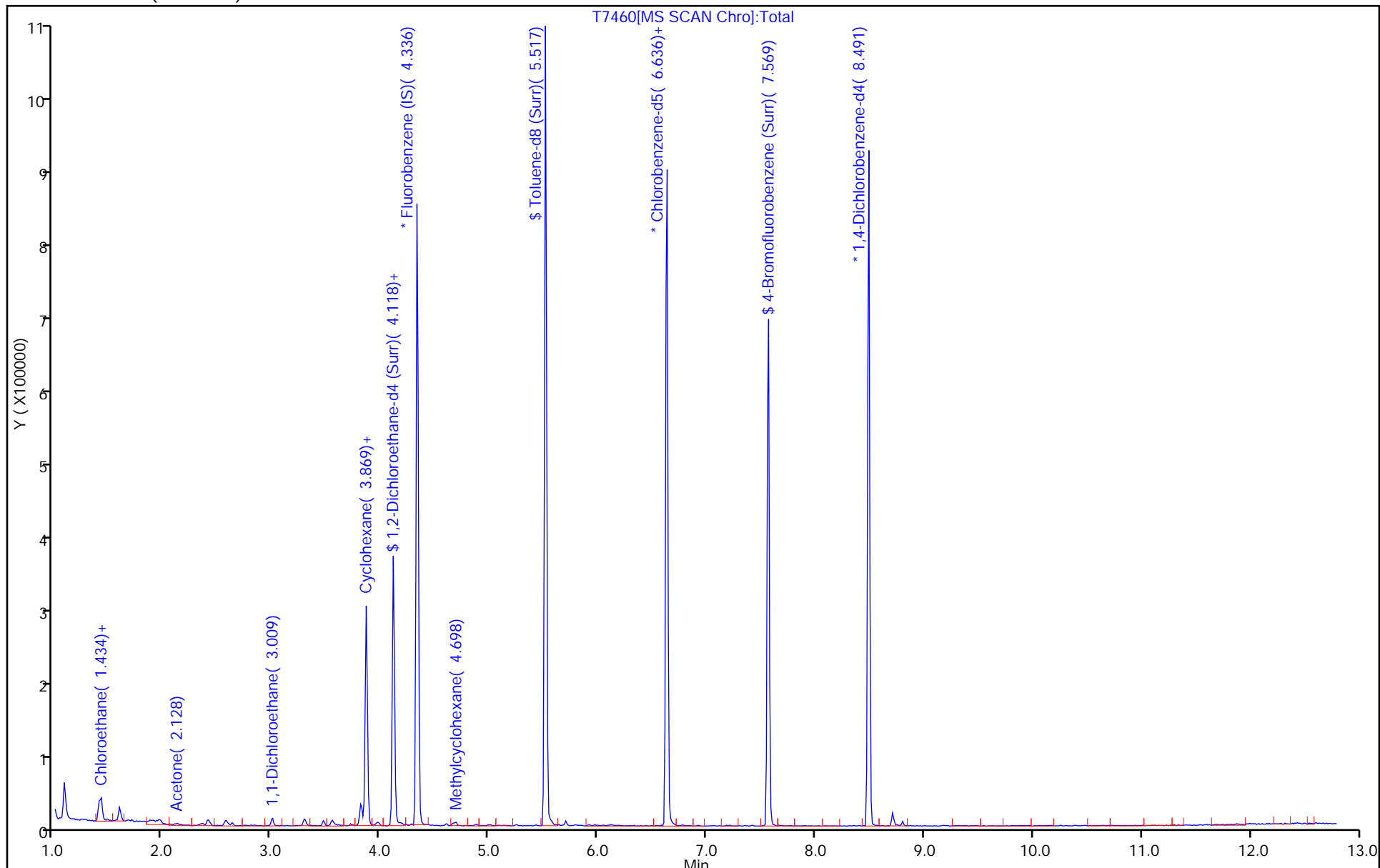
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7460.D

Injection Date: 03-Feb-2014 17:41:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-1

Lab Sample ID: 480-53736-1

Client ID: MW-2

Operator ID: LH/GTG

ALS Bottle#: 5

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

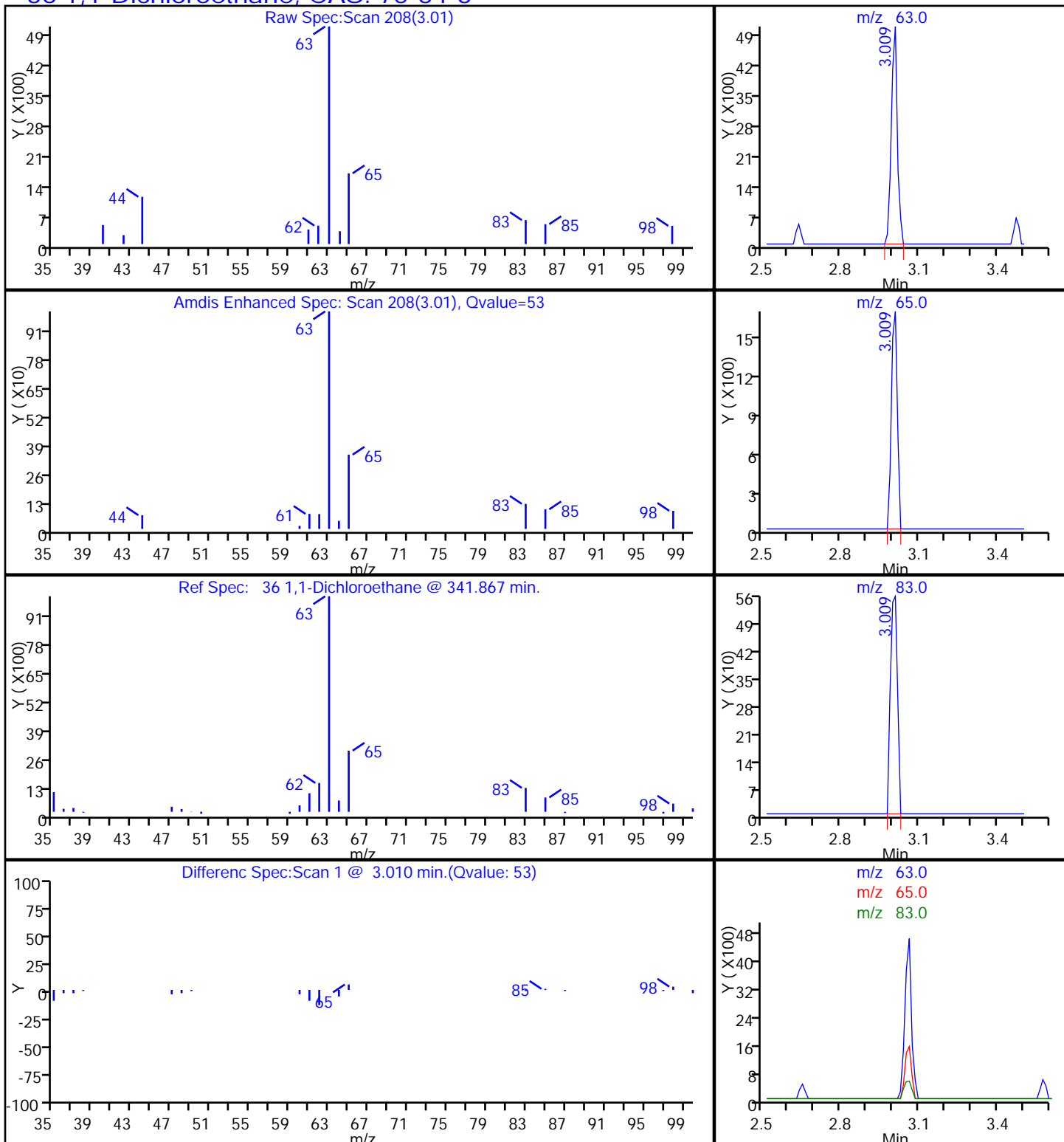
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7460.D

Injection Date: 03-Feb-2014 17:41:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-1

Lab Sample ID: 480-53736-1

Client ID: MW-2

Operator ID: LH/GTG

ALS Bottle#: 5

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

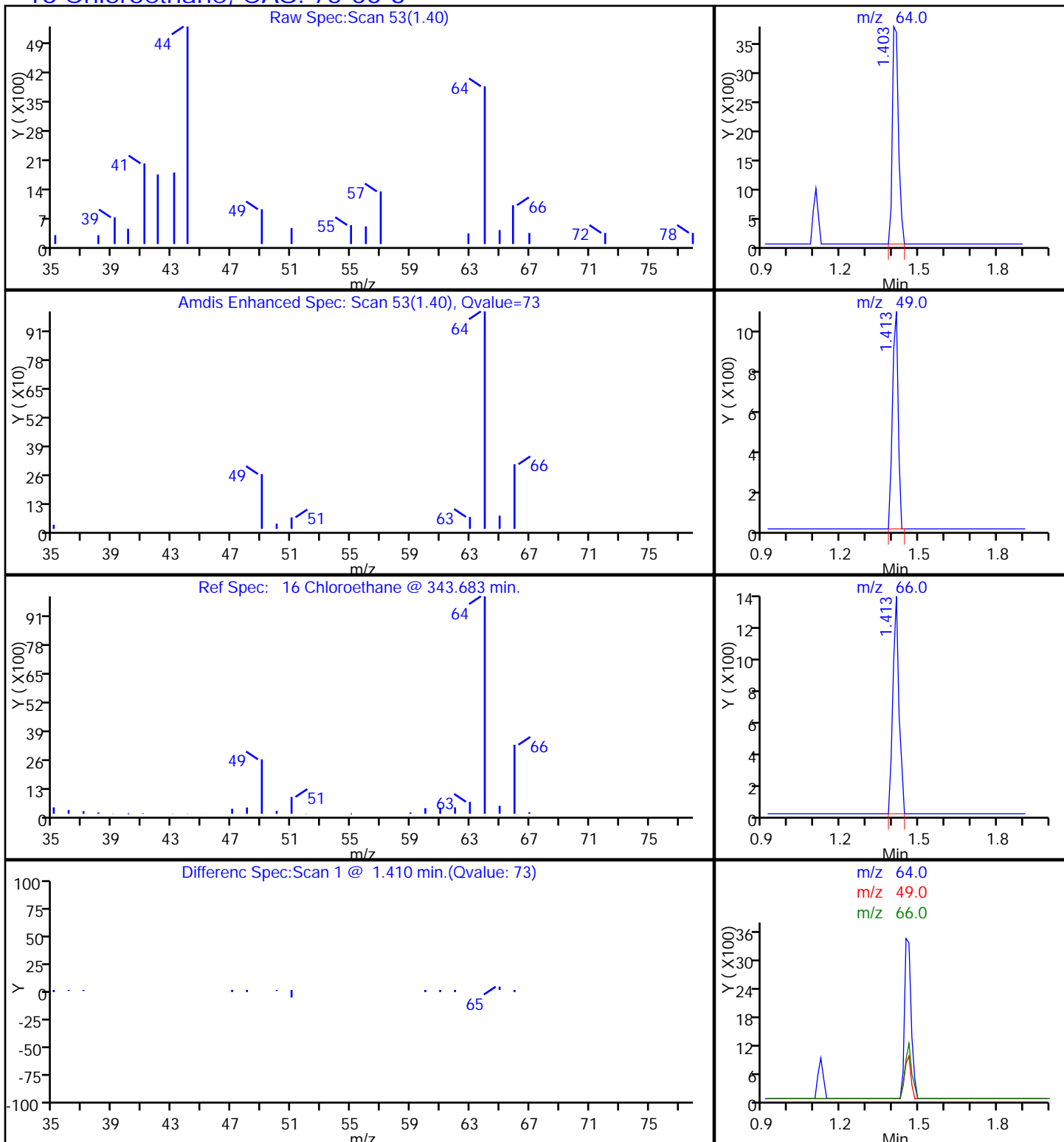
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

16 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7460.D

Injection Date: 03-Feb-2014 17:41:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-1

Lab Sample ID: 480-53736-1

Client ID: MW-2

Operator ID: LH/GTG

ALS Bottle#: 5

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

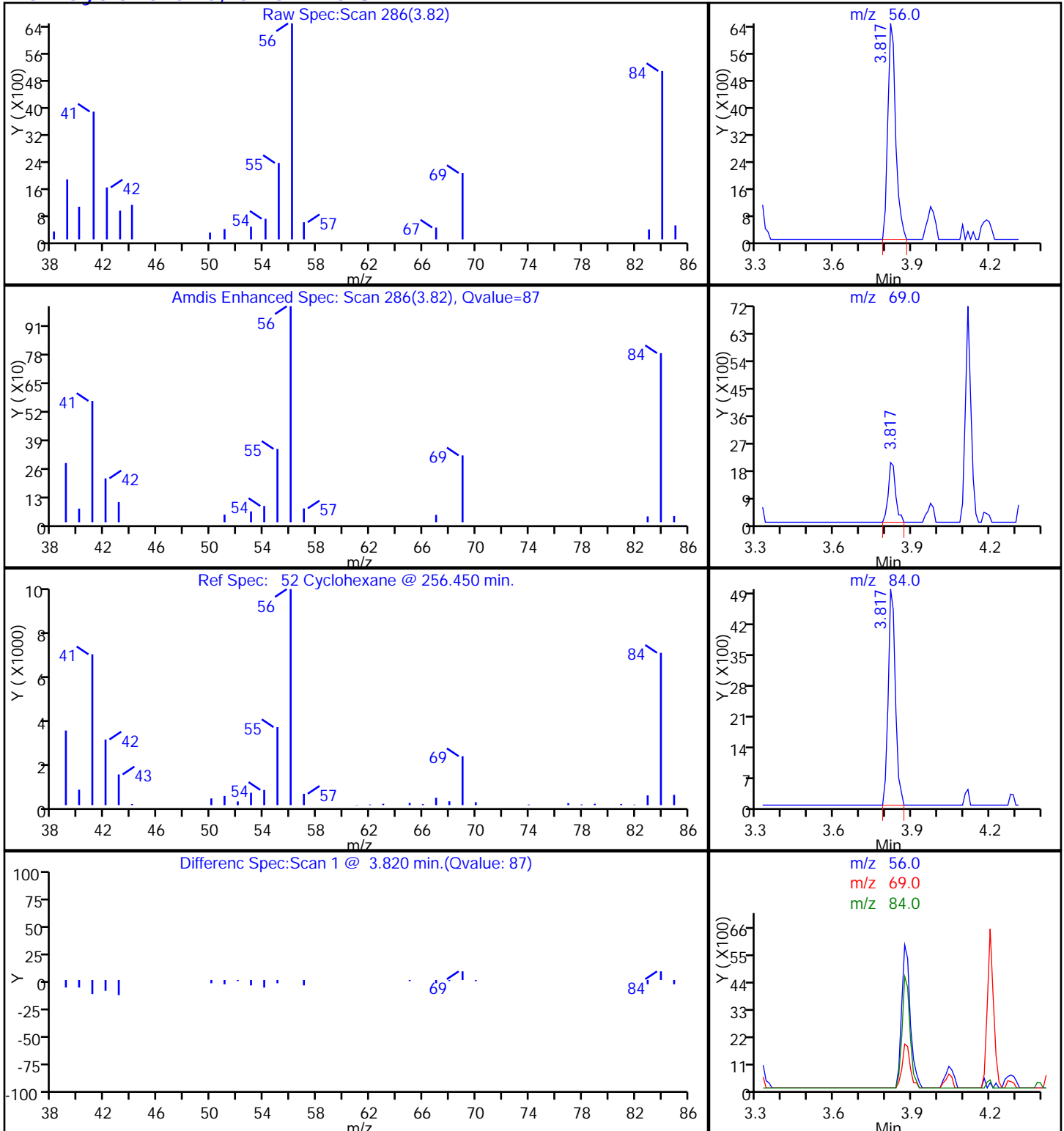
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

52 Cyclohexane, CAS: 110-82-7



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7460.D

Injection Date: 03-Feb-2014 17:41:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-1

Lab Sample ID: 480-53736-1

Client ID: MW-2

Operator ID: LH/GTG

ALS Bottle#: 5

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

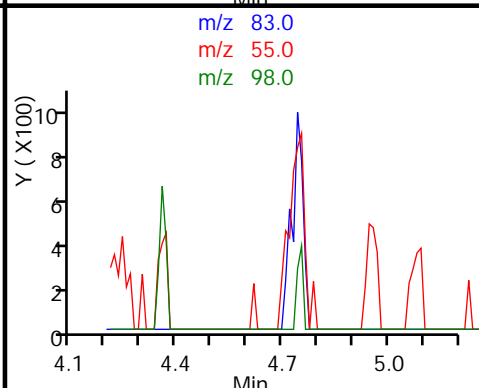
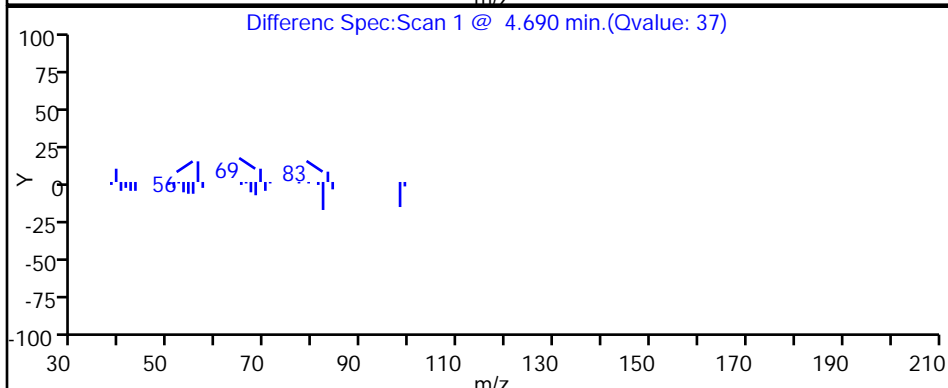
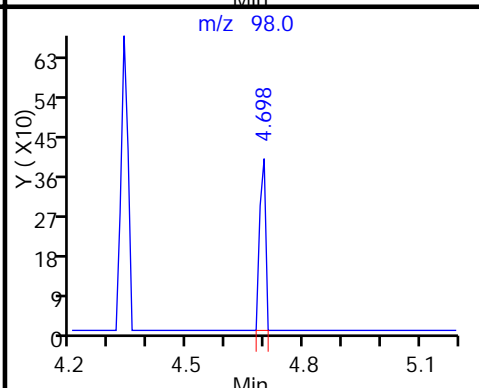
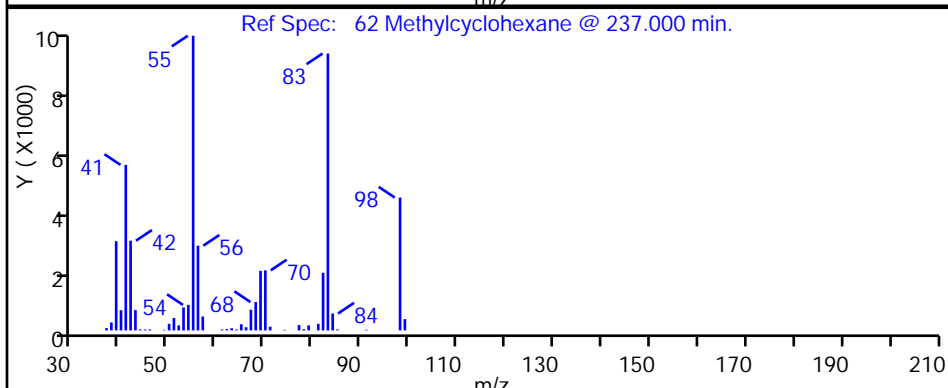
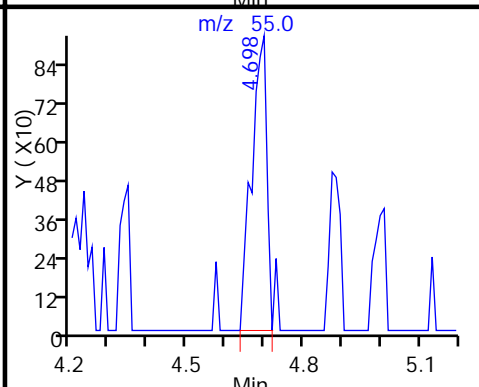
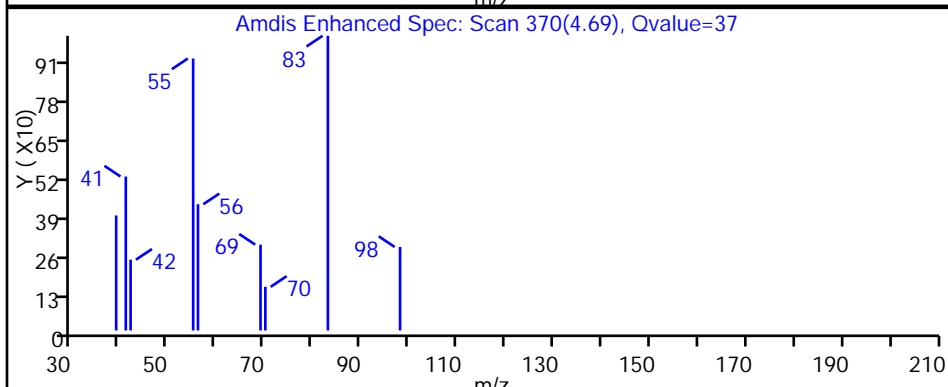
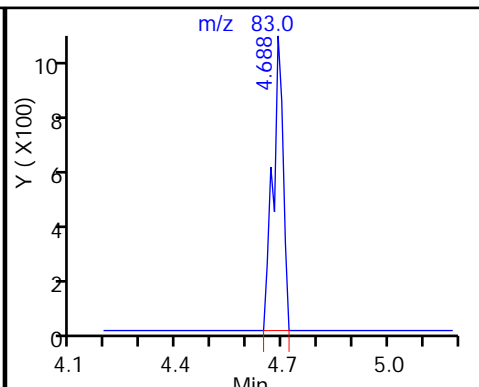
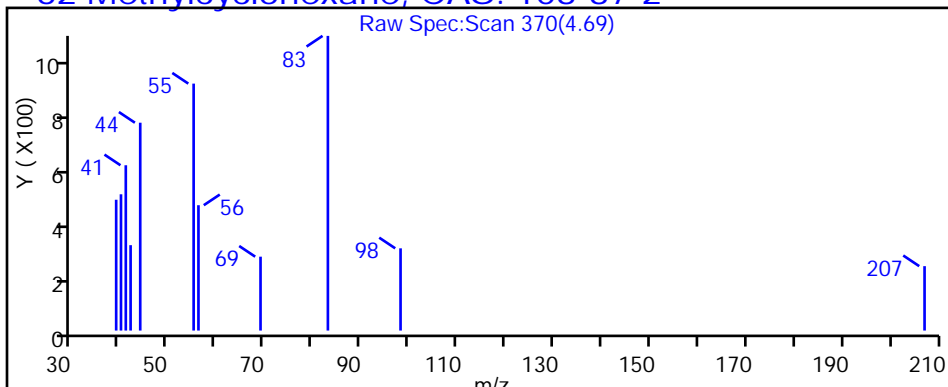
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

62 Methylcyclohexane, CAS: 108-87-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-53736-2
 Matrix: Ground Water Lab File ID: T7461.D
 Analysis Method: 8260C Date Collected: 01/21/2014 16:00
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 18:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	6.9		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	2.3		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-53736-2
 Matrix: Ground Water Lab File ID: T7461.D
 Analysis Method: 8260C Date Collected: 01/21/2014 16:00
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 18:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	2.3		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		66-137
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	98		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7461.D
 Lims ID: 480-53736-A-2 Lab Sample ID: 480-53736-2
 Client ID: MW-3
 Sample Type: Client
 Inject. Date: 03-Feb-2014 18:05:30 ALS Bottle#: 6 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-53736-A-2
 Misc. Info.: 480-0029232-020
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 17:07:20 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: larsonr

Date: 03-Feb-2014 19:09:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	99	548280	25.0	
* 1 1,4-Difluorobenzene	114		4.429					
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	87	375854	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	96	178944	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	182361	24.1	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	94	524497	24.6	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	135846	24.7	
11 Dichlorodifluoromethane	85		0.905					
13 Chloromethane	50		1.019					
14 Vinyl chloride	62	1.092	1.102	-0.010	76	18555	2.30	
15 Bromomethane	94		1.330					
16 Chloroethane	64		1.403					
17 Trichlorofluoromethane	101		1.568					
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		1.973					
22 1,1-Dichloroethene	96		1.973					
23 Acetone	43	2.108	2.097	0.011	75	2671	1.00	
25 Carbon disulfide	76		2.128					
28 Methyl acetate	43		2.366					
30 Methylene Chloride	84		2.439					
33 Methyl tert-butyl ether	73		2.636					
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	54	1896	0.3234	
36 1,1-Dichloroethane	63	2.999	2.999	0.0	86	83918	6.88	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	68	14098	2.26	
44 2-Butanone (MEK)	43		3.527					
50 Chloroform	83		3.734					
51 1,1,1-Trichloroethane	97		3.817					
52 Cyclohexane	56		3.817					
53 Carbon tetrachloride	117		3.931					
55 Benzene	78		4.118					
57 1,2-Dichloroethane	62		4.170					
60 Trichloroethene	95		4.605					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
62 Methylcyclohexane	83		4.688					
63 1,2-Dichloropropane	63		4.802					
67 Dichlorobromomethane	83		5.019					
71 cis-1,3-Dichloropropene	75		5.351					
72 4-Methyl-2-pentanone (MIBK)	43		5.475					
73 Toluene	92		5.569					
75 trans-1,3-Dichloropropene	75		5.786					
78 1,1,2-Trichloroethane	83		5.931					
79 Tetrachloroethane	166		5.962					
81 2-Hexanone	43		6.118					
82 Chlorodibromomethane	129		6.221					
83 Ethylene Dibromide	107		6.294					
86 Chlorobenzene	112		6.657					
88 Ethylbenzene	91		6.729					
90 m-Xylene & p-Xylene	106		6.823					
91 o-Xylene	106		7.133					
92 Styrene	104		7.154					
93 Bromoform	173		7.330					
95 Isopropylbenzene	105		7.424					
98 1,1,2,2-Tetrachloroethane	83		7.734					
110 1,3-Dichlorobenzene	146		8.429					
113 1,4-Dichlorobenzene	146		8.512					
116 1,2-Dichlorobenzene	146		8.812					
117 1,2-Dibromo-3-Chloropropane	75		9.486					
119 1,2,4-Trichlorobenzene	180		10.128					
S 126 Xylenes, Total	1		30.000					

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7461.D

Injection Date: 03-Feb-2014 18:05:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: 480-53736-A-2

Lab Sample ID: 480-53736-2

Worklist Smp#: 20

Client ID: MW-3

Purge Vol: 5.000 mL

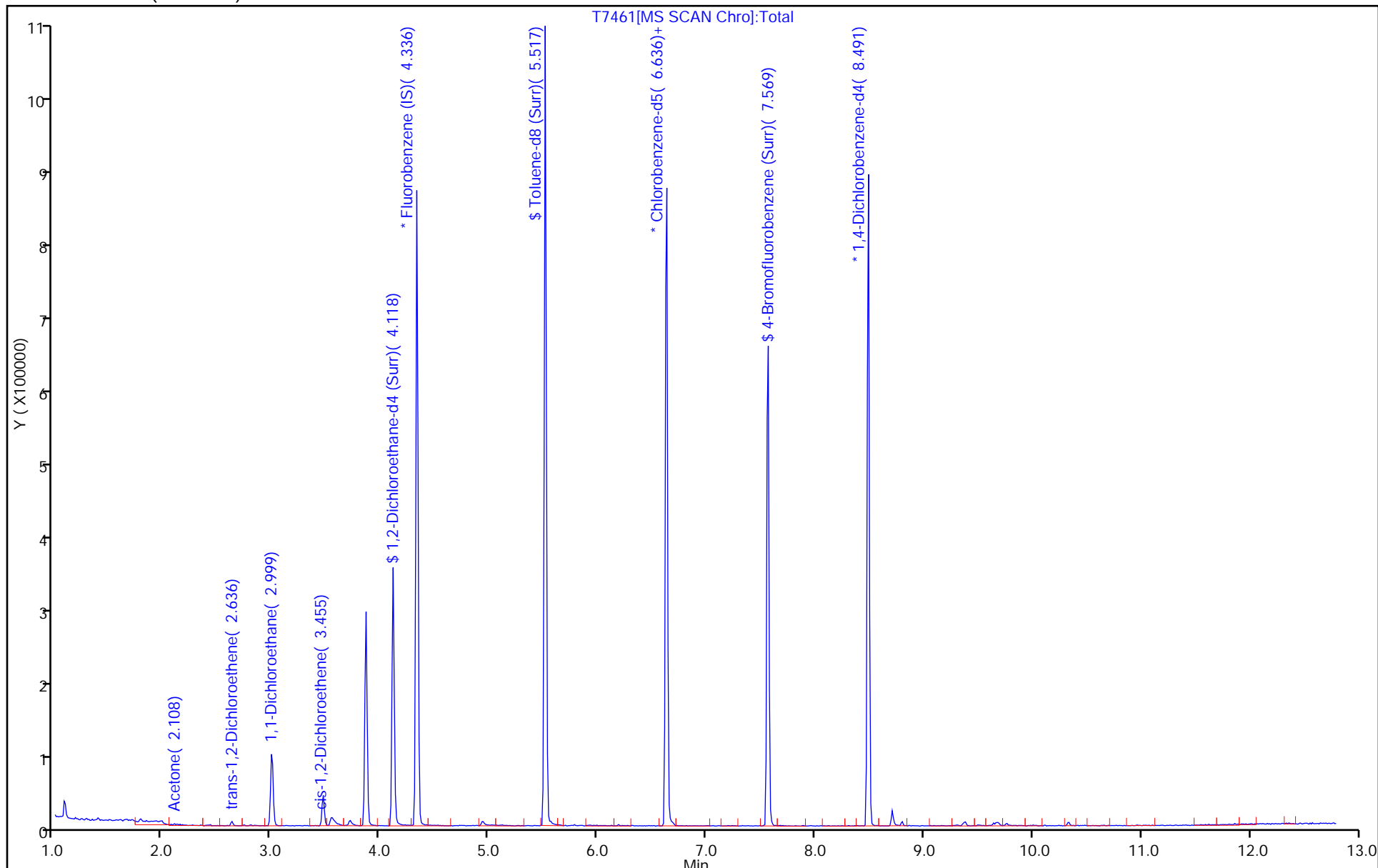
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7461.D

Injection Date: 03-Feb-2014 18:05:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-2

Lab Sample ID: 480-53736-2

Client ID: MW-3

Operator ID: LH/GTG

ALS Bottle#: 6

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

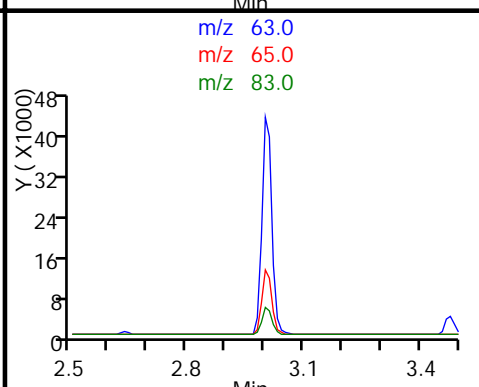
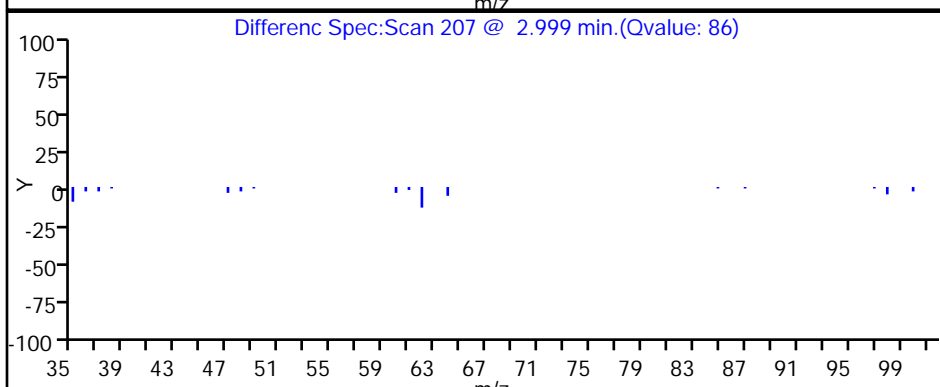
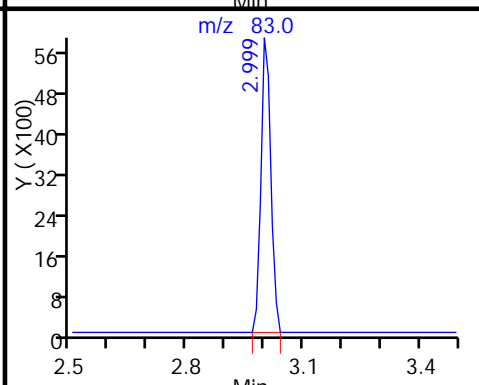
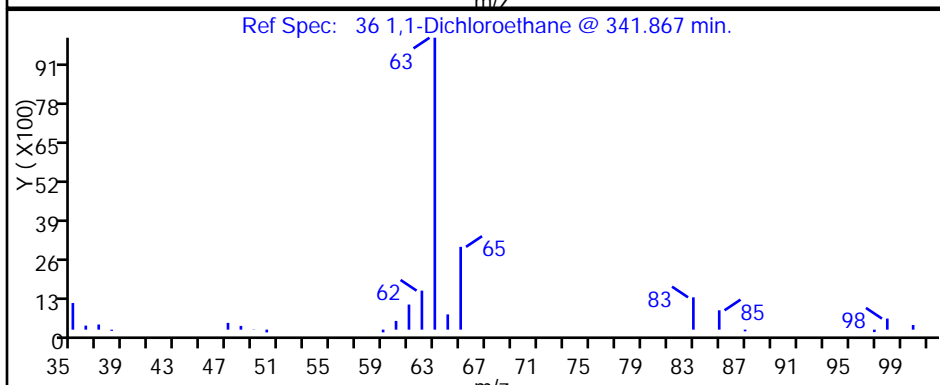
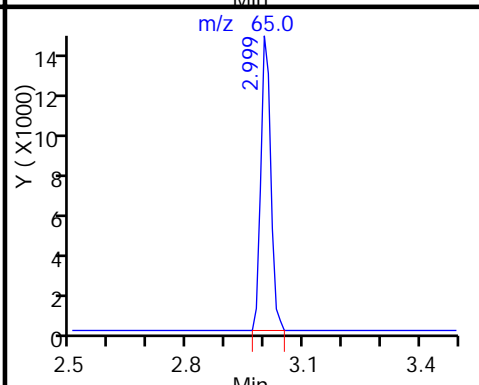
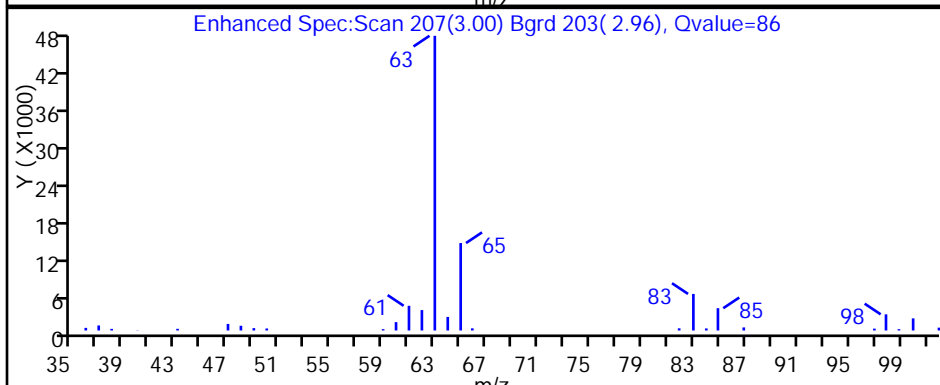
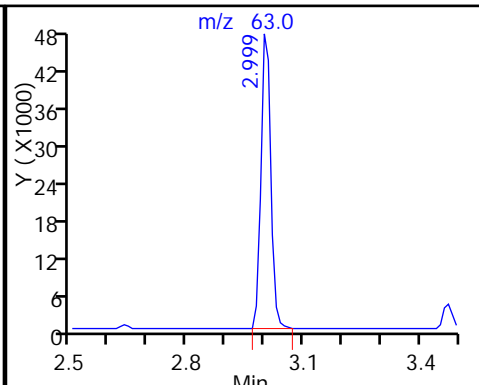
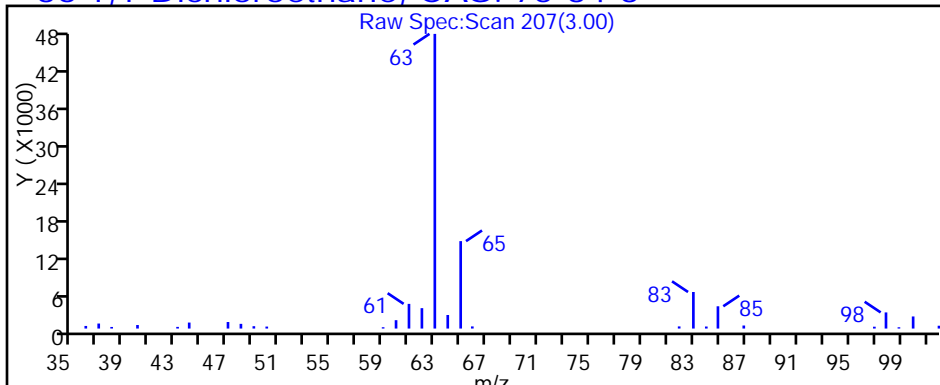
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7461.D

Injection Date: 03-Feb-2014 18:05:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-2

Lab Sample ID: 480-53736-2

Client ID: MW-3

Operator ID: LH/GTG

ALS Bottle#: 6

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

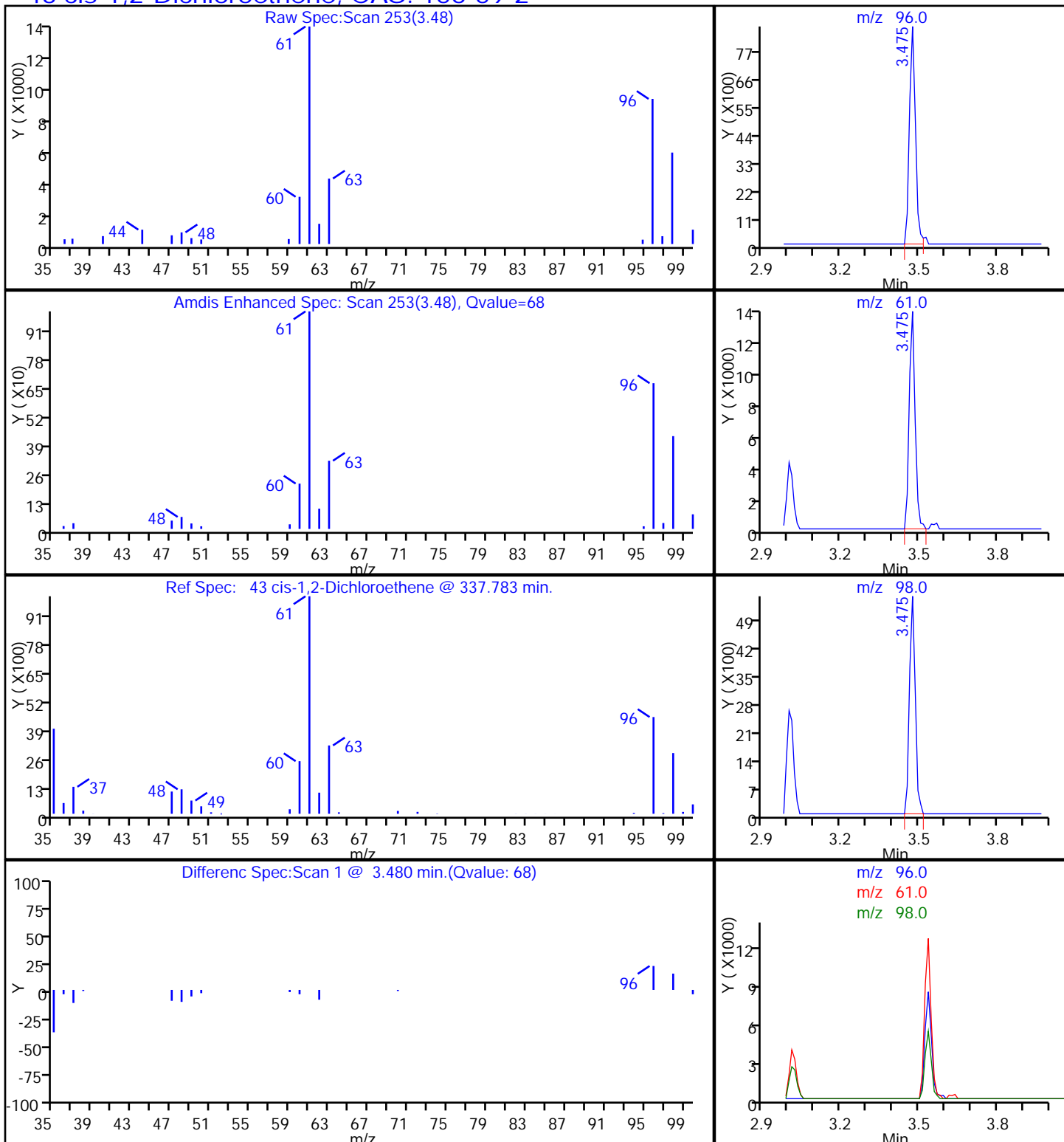
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7461.D

Injection Date: 03-Feb-2014 18:05:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-2

Lab Sample ID: 480-53736-2

Client ID: MW-3

Operator ID: LH/GTG

ALS Bottle#: 6

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

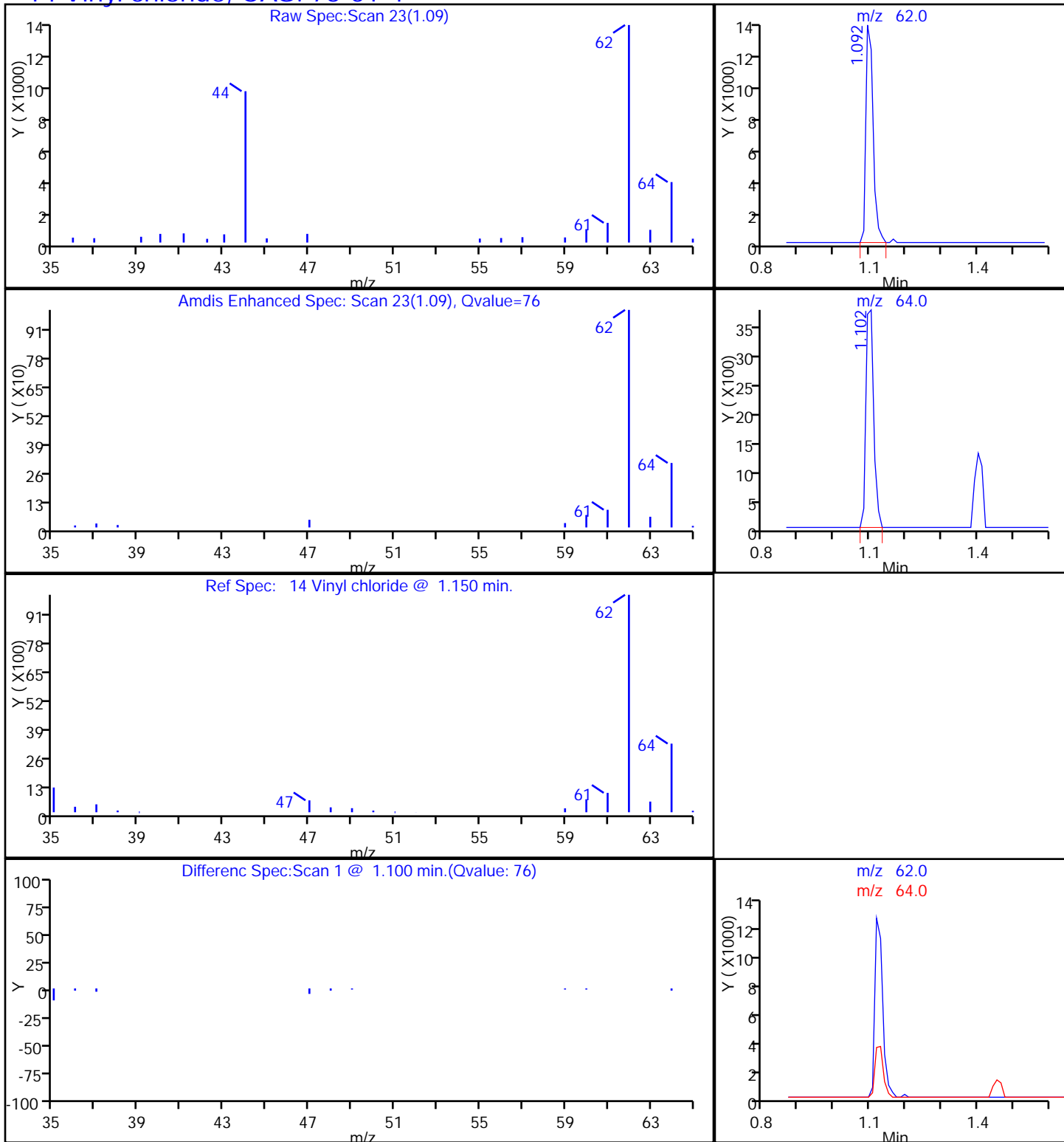
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

14 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-6 Lab Sample ID: 480-53736-3
 Matrix: Ground Water Lab File ID: T7462.D
 Analysis Method: 8260C Date Collected: 01/22/2014 10:00
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 18:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-6 Lab Sample ID: 480-53736-3
 Matrix: Ground Water Lab File ID: T7462.D
 Analysis Method: 8260C Date Collected: 01/22/2014 10:00
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 18:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		66-137
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	99		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7462.D
 Lims ID: 480-53736-A-3 Lab Sample ID: 480-53736-3
 Client ID: MW-6
 Sample Type: Client
 Inject. Date: 03-Feb-2014 18:29:30 ALS Bottle#: 7 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-53736-A-3
 Misc. Info.: 480-0029232-021
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 17:07:20 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: larsonr

Date: 03-Feb-2014 19:09:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	98	543456	25.0	
* 1 1,4-Difluorobenzene	114		4.429					
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	88	374788	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	97	179962	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	180404	24.1	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	94	528420	24.9	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	135325	24.7	
11 Dichlorodifluoromethane	85		0.905					
13 Chloromethane	50		1.019					
14 Vinyl chloride	62		1.102					
15 Bromomethane	94		1.330					
16 Chloroethane	64		1.403					
17 Trichlorofluoromethane	101		1.568					
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.973					
22 1,1-Dichloroethene	96		1.973					
23 Acetone	43	2.118	2.097	0.021	59	3333	1.26	
25 Carbon disulfide	76		2.128					
28 Methyl acetate	43		2.366					
30 Methylene Chloride	84		2.439					
33 Methyl tert-butyl ether	73		2.636					
32 trans-1,2-Dichloroethene	96		2.636					
36 1,1-Dichloroethane	63		2.999					
43 cis-1,2-Dichloroethene	96		3.475					
44 2-Butanone (MEK)	43		3.527					
50 Chloroform	83		3.734					
51 1,1,1-Trichloroethane	97		3.817					
52 Cyclohexane	56		3.817					
53 Carbon tetrachloride	117		3.931					
55 Benzene	78		4.118					
57 1,2-Dichloroethane	62		4.170					
60 Trichloroethene	95		4.605					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
62 Methylcyclohexane	83		4.688					
63 1,2-Dichloropropane	63		4.802					
67 Dichlorobromomethane	83		5.019					
71 cis-1,3-Dichloropropene	75		5.351					
72 4-Methyl-2-pentanone (MIBK)	43		5.475					
73 Toluene	92		5.569					
75 trans-1,3-Dichloropropene	75		5.786					
78 1,1,2-Trichloroethane	83		5.931					
79 Tetrachloroethane	166		5.962					
81 2-Hexanone	43		6.118					
82 Chlorodibromomethane	129		6.221					
83 Ethylene Dibromide	107		6.294					
86 Chlorobenzene	112		6.657					
88 Ethylbenzene	91		6.729					
90 m-Xylene & p-Xylene	106		6.823					
91 o-Xylene	106		7.133					
92 Styrene	104		7.154					
93 Bromoform	173		7.330					
95 Isopropylbenzene	105		7.424					
98 1,1,2,2-Tetrachloroethane	83		7.734					
110 1,3-Dichlorobenzene	146		8.429					
113 1,4-Dichlorobenzene	146		8.512					
116 1,2-Dichlorobenzene	146		8.812					
117 1,2-Dibromo-3-Chloropropane	75		9.486					
119 1,2,4-Trichlorobenzene	180		10.128					
S 126 Xylenes, Total	1		30.000					

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7462.D

Injection Date: 03-Feb-2014 18:29:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: 480-53736-A-3

Lab Sample ID: 480-53736-3

Worklist Smp#: 21

Client ID: MW-6

Purge Vol: 5.000 mL

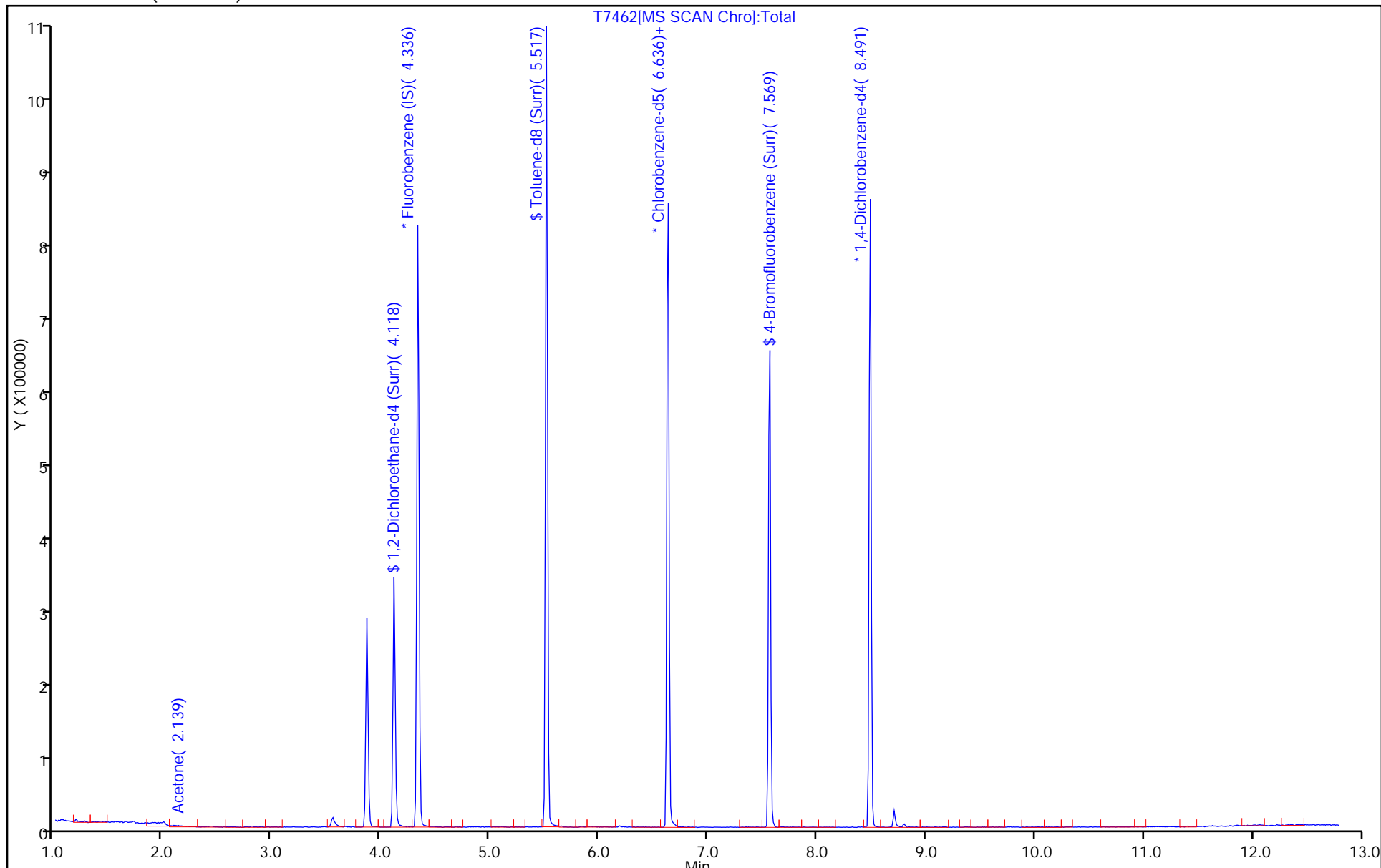
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 480-53736-4
 Matrix: Ground Water Lab File ID: T7463.D
 Analysis Method: 8260C Date Collected: 01/22/2014 11:00
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 18:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 480-53736-4
 Matrix: Ground Water Lab File ID: T7463.D
 Analysis Method: 8260C Date Collected: 01/22/2014 11:00
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 18:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		66-137
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	99		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7463.D
 Lims ID: 480-53736-A-4 Lab Sample ID: 480-53736-4
 Client ID: MW-10
 Sample Type: Client
 Inject. Date: 03-Feb-2014 18:53:30 ALS Bottle#: 8 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-53736-A-4
 Misc. Info.: 480-0029232-022
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 19:09:48 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: larsonr

Date: 03-Feb-2014 19:09:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.0	98	539653	25.0	
* 1 1,4-Difluorobenzene	114		4.429					
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	87	373302	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	97	177764	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	179719	24.2	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	94	524729	24.8	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	134753	24.7	
11 Dichlorodifluoromethane	85		0.905					
13 Chloromethane	50		1.019					
14 Vinyl chloride	62		1.102					
15 Bromomethane	94		1.330					
16 Chloroethane	64		1.403					
17 Trichlorofluoromethane	101		1.568					
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.973					
22 1,1-Dichloroethene	96		1.973					
23 Acetone	43		2.097					
25 Carbon disulfide	76		2.128					
28 Methyl acetate	43		2.366					
30 Methylene Chloride	84		2.439					
33 Methyl tert-butyl ether	73		2.636					
32 trans-1,2-Dichloroethene	96		2.636					
36 1,1-Dichloroethane	63		2.999					
43 cis-1,2-Dichloroethene	96		3.475					
44 2-Butanone (MEK)	43		3.527					
50 Chloroform	83		3.734					
51 1,1,1-Trichloroethane	97		3.817					
52 Cyclohexane	56		3.817					
53 Carbon tetrachloride	117		3.931					
55 Benzene	78		4.118					
57 1,2-Dichloroethane	62		4.170					
60 Trichloroethene	95		4.605					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
62 Methylcyclohexane	83		4.688					
63 1,2-Dichloropropane	63		4.802					
67 Dichlorobromomethane	83		5.019					
71 cis-1,3-Dichloropropene	75		5.351					
72 4-Methyl-2-pentanone (MIBK)	43		5.475					
73 Toluene	92		5.569					
75 trans-1,3-Dichloropropene	75		5.786					
78 1,1,2-Trichloroethane	83		5.931					
79 Tetrachloroethane	166		5.962					
81 2-Hexanone	43		6.118					
82 Chlorodibromomethane	129		6.221					
83 Ethylene Dibromide	107		6.294					
86 Chlorobenzene	112		6.657					
88 Ethylbenzene	91		6.729					
90 m-Xylene & p-Xylene	106		6.823					
91 o-Xylene	106		7.133					
92 Styrene	104		7.154					
93 Bromoform	173		7.330					
95 Isopropylbenzene	105		7.424					
98 1,1,2,2-Tetrachloroethane	83		7.734					
110 1,3-Dichlorobenzene	146		8.429					
113 1,4-Dichlorobenzene	146		8.512					
116 1,2-Dichlorobenzene	146		8.812					
117 1,2-Dibromo-3-Chloropropane	75		9.486					
119 1,2,4-Trichlorobenzene	180		10.128					
S 126 Xylenes, Total	1		30.000					

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7463.D

Injection Date: 03-Feb-2014 18:53:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: 480-53736-A-4

Lab Sample ID: 480-53736-4

Worklist Smp#: 22

Client ID: MW-10

Purge Vol: 5.000 mL

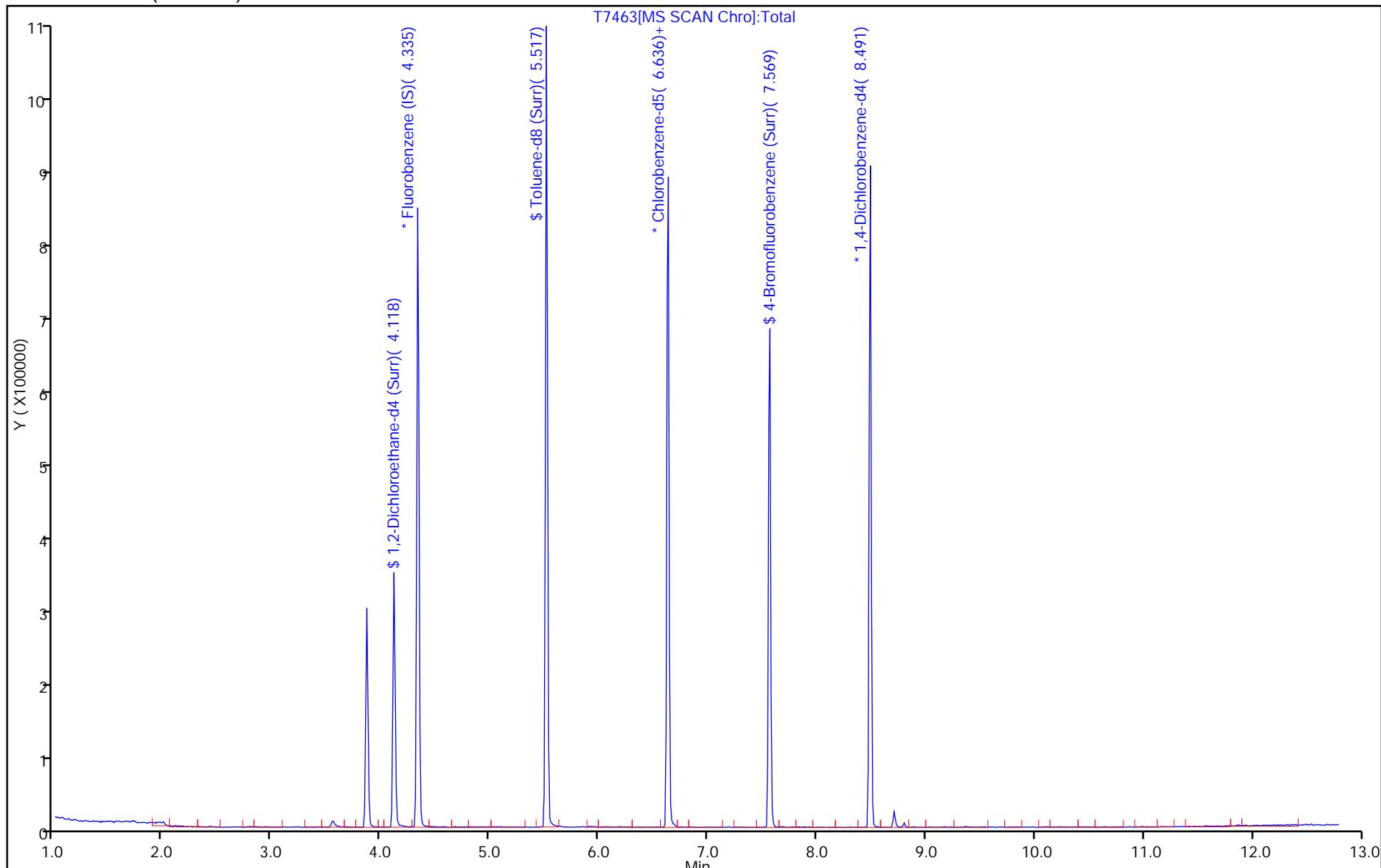
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-11 Lab Sample ID: 480-53736-5
 Matrix: Ground Water Lab File ID: T7464.D
 Analysis Method: 8260C Date Collected: 01/21/2014 15:15
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 19:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.85	J	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	9.4		1.0	0.38
75-35-4	1,1-Dichloroethene	1.3		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	3.8		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	38		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-11 Lab Sample ID: 480-53736-5
 Matrix: Ground Water Lab File ID: T7464.D
 Analysis Method: 8260C Date Collected: 01/21/2014 15:15
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 19:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	13		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		66-137
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
2037-26-5	Toluene-d8 (Surr)	100		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7464.D
 Lims ID: 480-53736-A-5 Lab Sample ID: 480-53736-5
 Client ID: MW-11
 Sample Type: Client
 Inject. Date: 03-Feb-2014 19:17:30 ALS Bottle#: 9 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-53736-A-5
 Misc. Info.: 480-0029232-023
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 19:42:00 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: larsonr

Date: 03-Feb-2014 19:42:00

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.0	98	551545	25.0	
* 1 1,4-Difluorobenzene	114		4.429					
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	88	372476	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	97	178028	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	186220	24.5	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	94	530026	25.1	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	137096	25.2	
11 Dichlorodifluoromethane	85		0.905					
13 Chloromethane	50		1.019					
14 Vinyl chloride	62	1.102	1.102	0.0	83	102261	12.6	
15 Bromomethane	94		1.330					
16 Chloroethane	64	1.403	1.403	0.0	93	12666	3.80	
17 Trichlorofluoromethane	101		1.568					
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.973					
22 1,1-Dichloroethene	96	1.962	1.973	-0.011	74	6784	1.29	
23 Acetone	43		2.097					
25 Carbon disulfide	76		2.128					
28 Methyl acetate	43		2.366					
30 Methylene Chloride	84		2.439					
33 Methyl tert-butyl ether	73		2.636					
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	57	2548	0.4320	
36 1,1-Dichloroethane	63	2.999	2.999	0.0	85	115624	9.43	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	72	236573	37.8	
44 2-Butanone (MEK)	43		3.527					
50 Chloroform	83		3.734					
51 1,1,1-Trichloroethane	97	3.817	3.817	0.0	71	7491	0.8522	
52 Cyclohexane	56		3.817					
53 Carbon tetrachloride	117		3.931					
55 Benzene	78		4.118					
57 1,2-Dichloroethane	62		4.170					
60 Trichloroethene	95	4.605	4.605	0.0	51	1575	0.2564	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
62 Methylcyclohexane	83		4.688					
63 1,2-Dichloropropane	63		4.802					
67 Dichlorobromomethane	83		5.019					
71 cis-1,3-Dichloropropene	75		5.351					
72 4-Methyl-2-pentanone (MIBK)	43		5.475					
73 Toluene	92		5.569					
75 trans-1,3-Dichloropropene	75		5.786					
78 1,1,2-Trichloroethane	83		5.931					
79 Tetrachloroethane	166		5.962					
81 2-Hexanone	43		6.118					
82 Chlorodibromomethane	129		6.221					
83 Ethylene Dibromide	107		6.294					
86 Chlorobenzene	112		6.657					
88 Ethylbenzene	91		6.729					
90 m-Xylene & p-Xylene	106		6.823					
91 o-Xylene	106		7.133					
92 Styrene	104		7.154					
93 Bromoform	173		7.330					
95 Isopropylbenzene	105		7.424					
98 1,1,2,2-Tetrachloroethane	83		7.734					
110 1,3-Dichlorobenzene	146		8.429					
113 1,4-Dichlorobenzene	146		8.512					
116 1,2-Dichlorobenzene	146		8.812					
117 1,2-Dibromo-3-Chloropropane	75		9.486					
119 1,2,4-Trichlorobenzene	180		10.128					
S 126 Xylenes, Total	1		30.000					

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7464.D

Injection Date: 03-Feb-2014 19:17:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: 480-53736-A-5

Lab Sample ID: 480-53736-5

Worklist Smp#: 23

Client ID: MW-11

Purge Vol: 5.000 mL

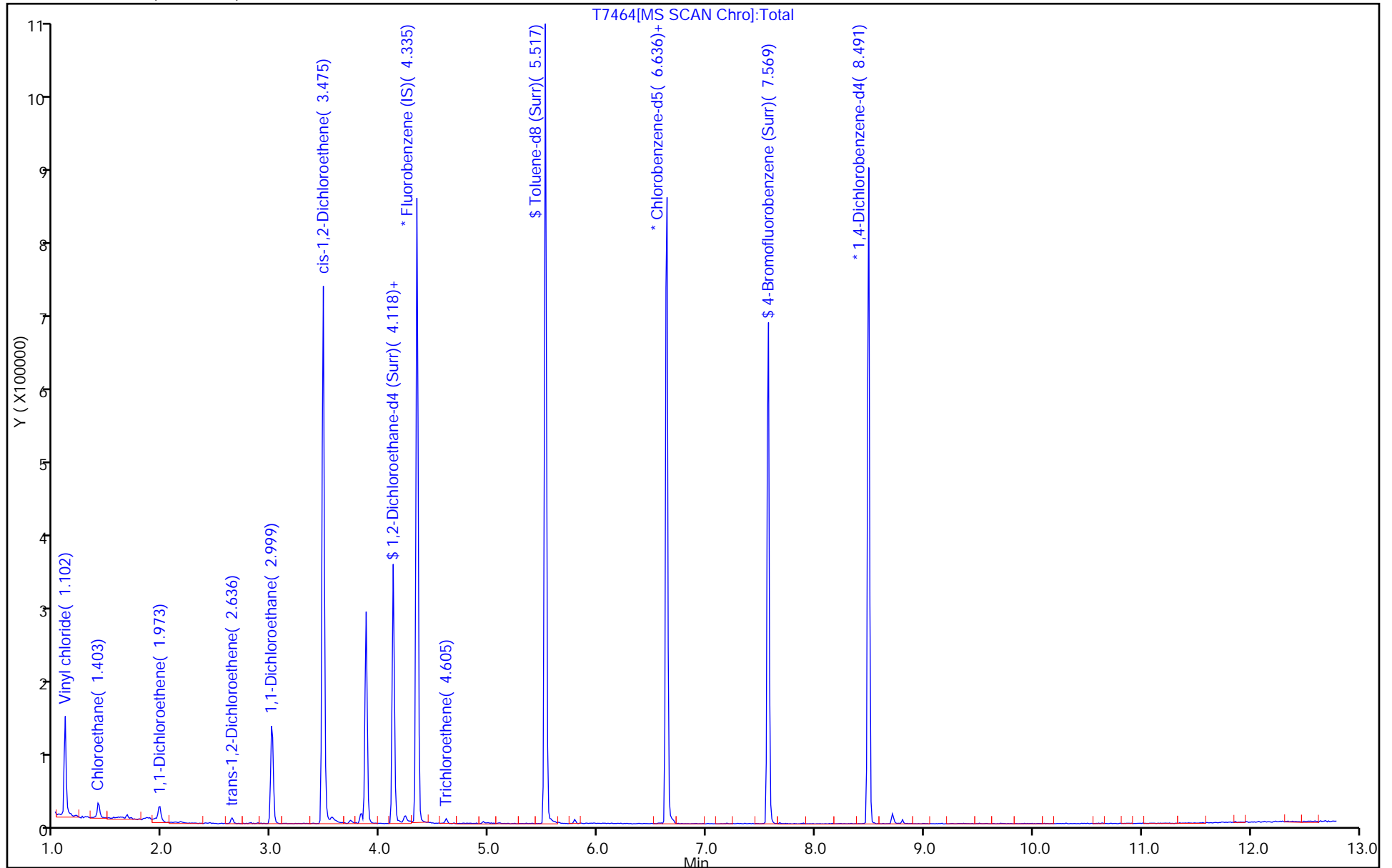
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7464.D

Injection Date: 03-Feb-2014 19:17:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-5

Lab Sample ID: 480-53736-5

Client ID: MW-11

Operator ID: LH/GTG

ALS Bottle#: 9

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

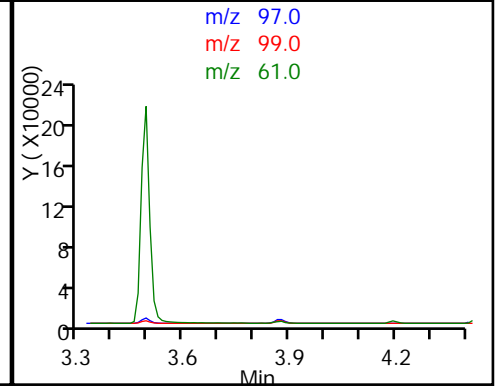
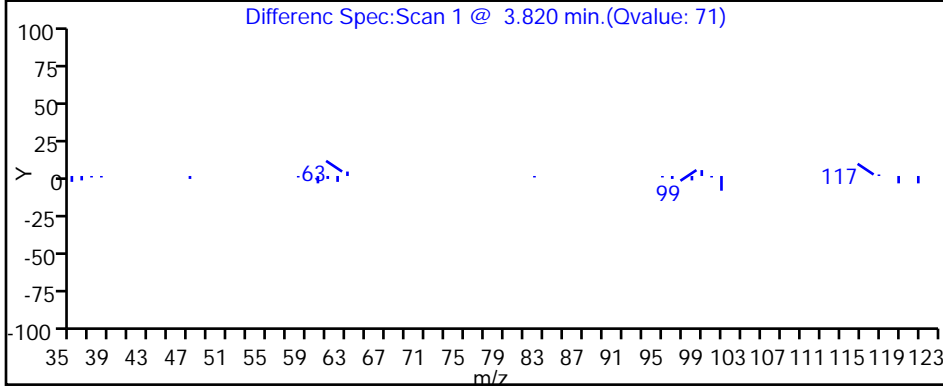
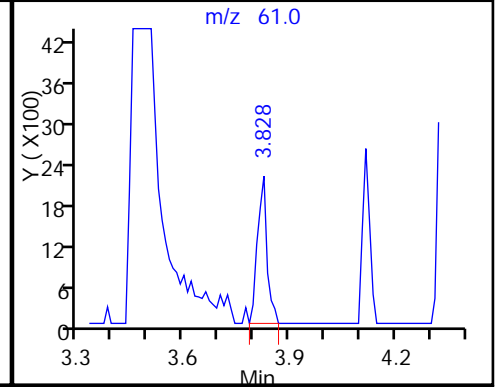
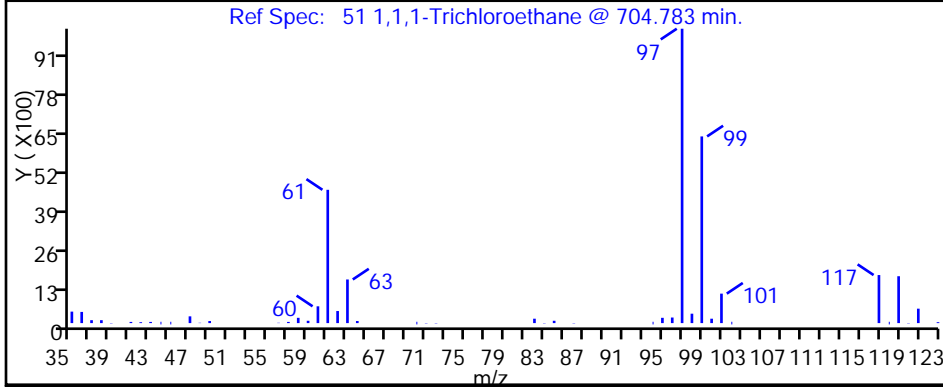
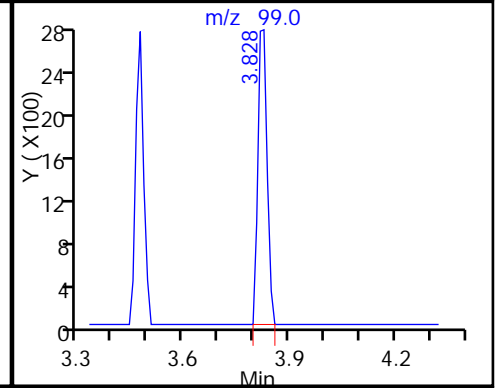
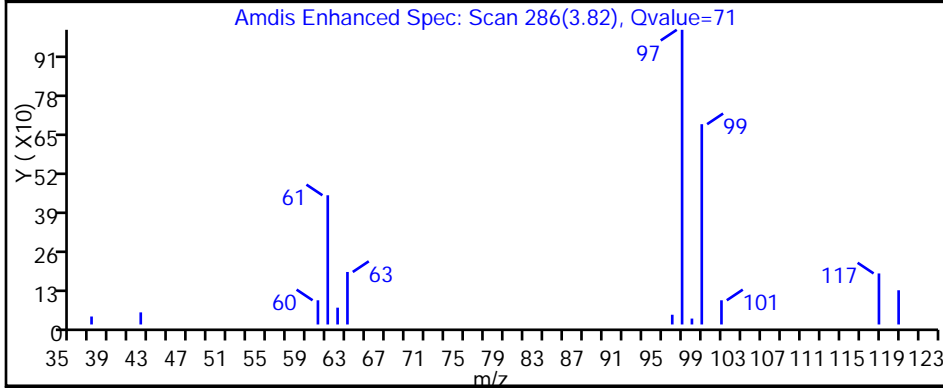
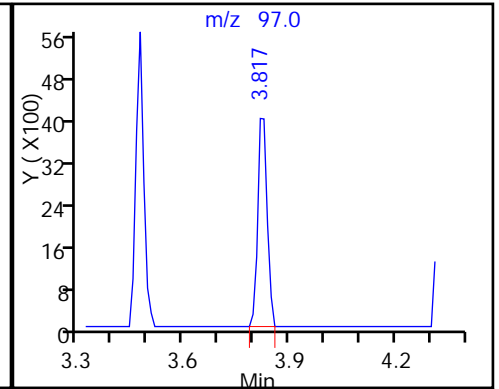
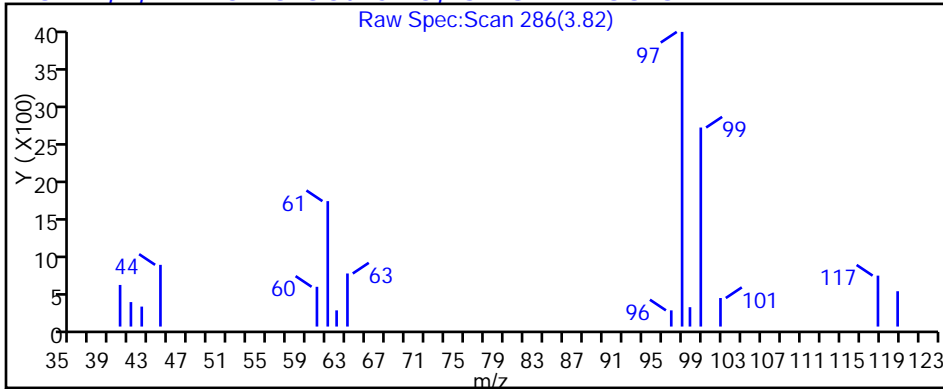
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7464.D

Injection Date: 03-Feb-2014 19:17:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-5

Lab Sample ID: 480-53736-5

Client ID: MW-11

Operator ID: LH/GTG

ALS Bottle#: 9

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

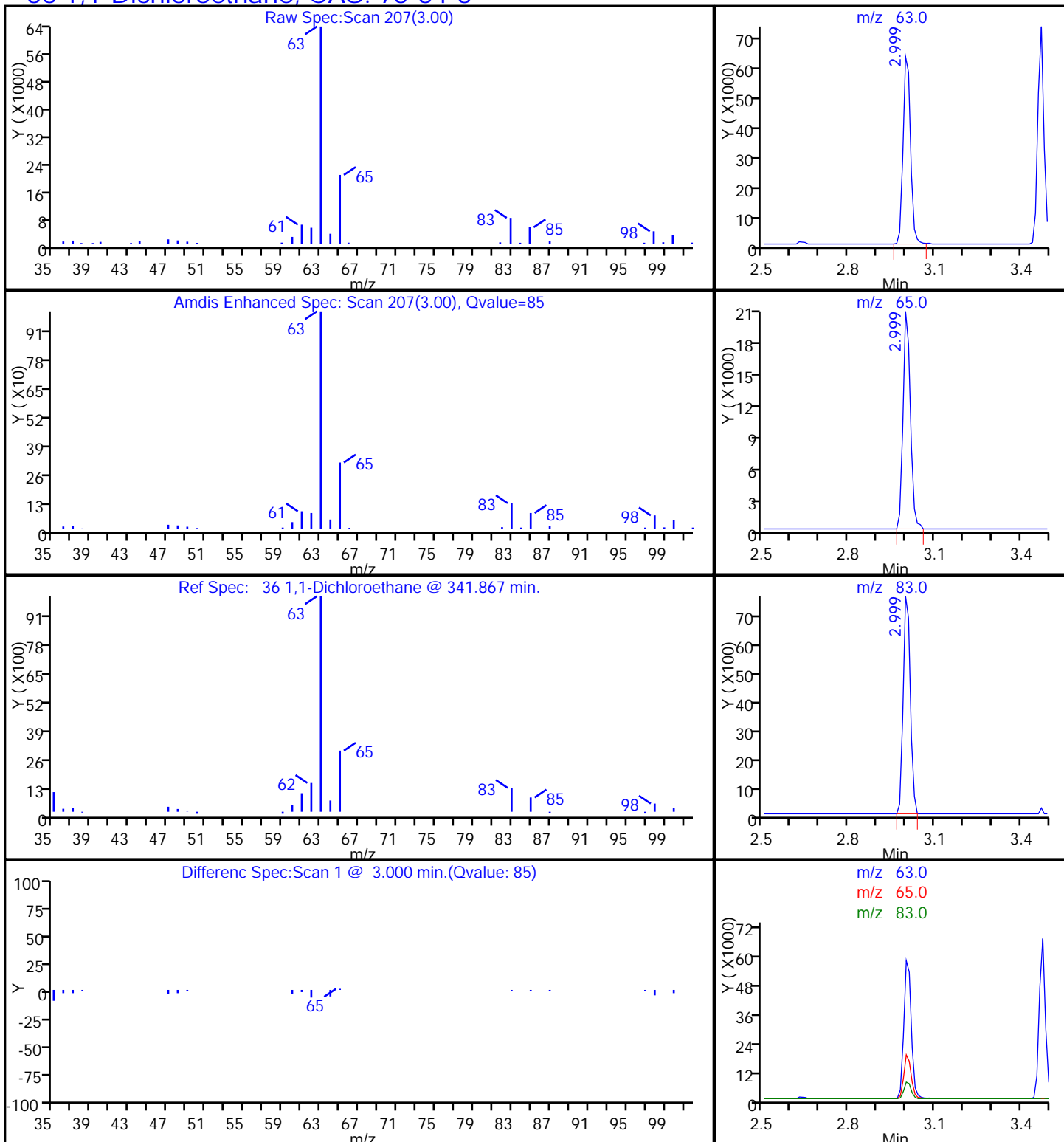
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7464.D

Injection Date: 03-Feb-2014 19:17:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-5

Lab Sample ID: 480-53736-5

Client ID: MW-11

Operator ID: LH/GTG

ALS Bottle#: 9

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

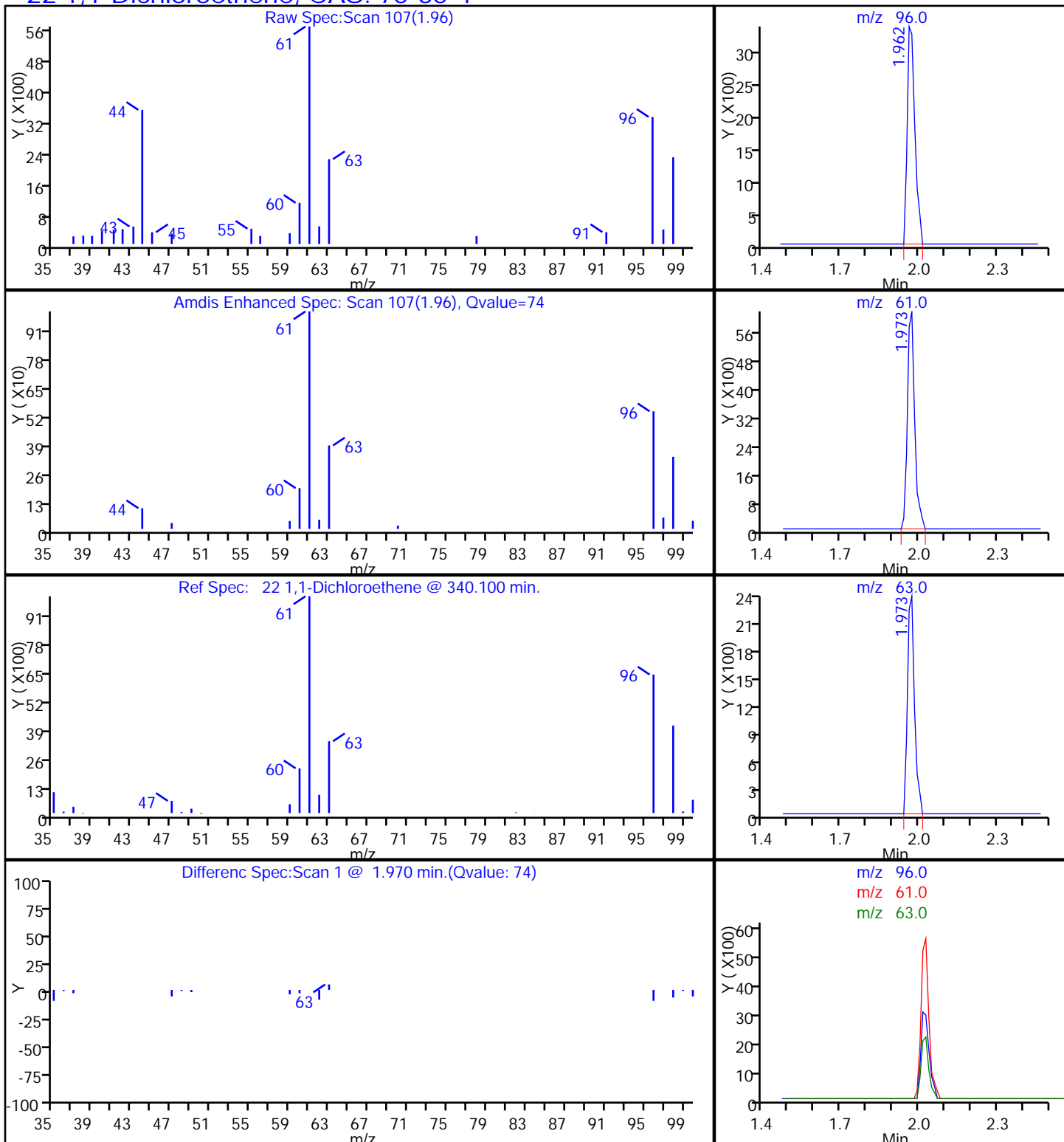
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7464.D

Injection Date: 03-Feb-2014 19:17:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-5

Lab Sample ID: 480-53736-5

Client ID: MW-11

Operator ID: LH/GTG

ALS Bottle#: 9

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

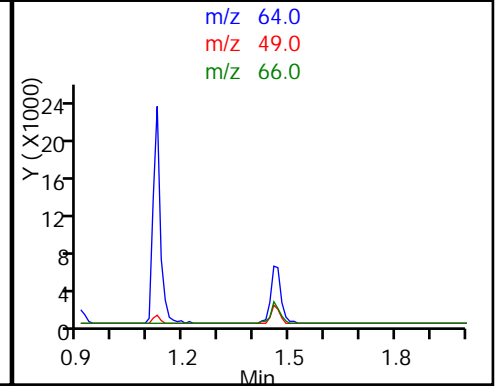
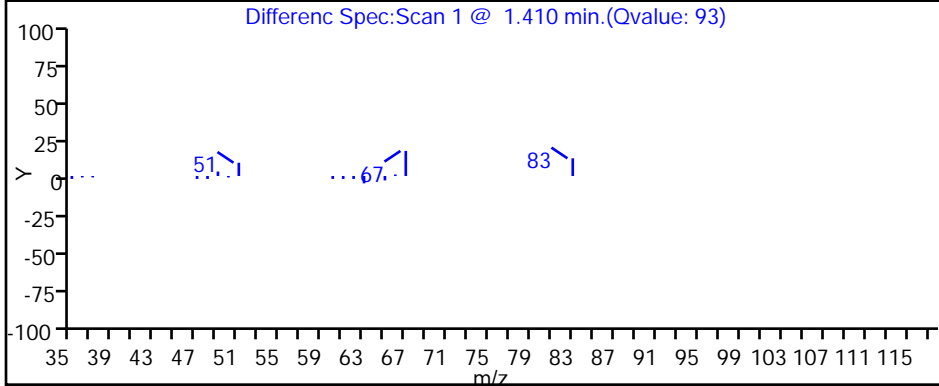
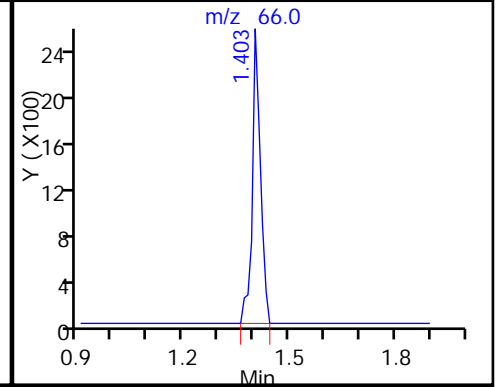
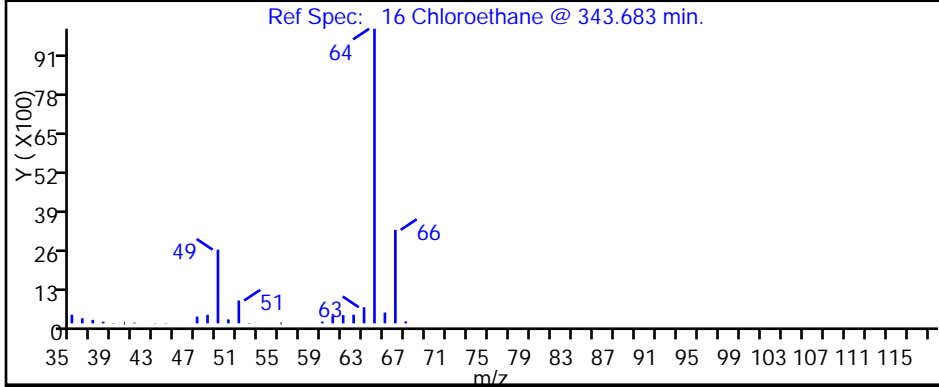
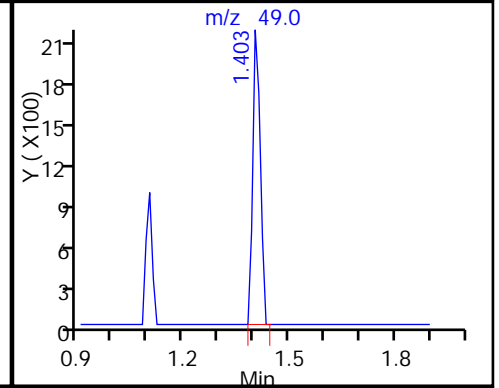
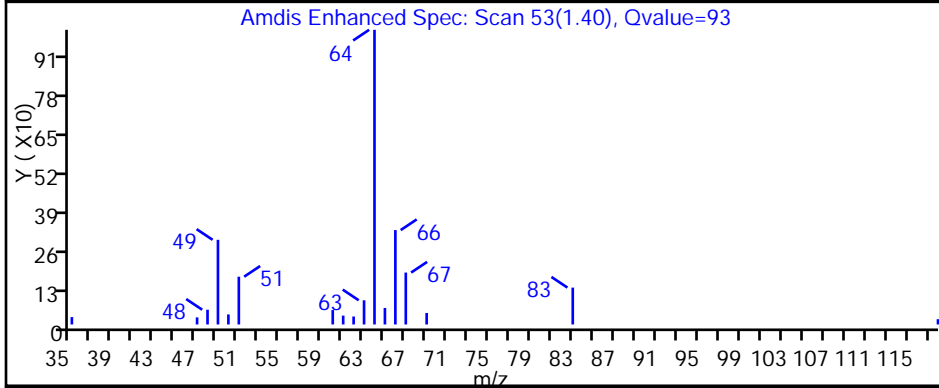
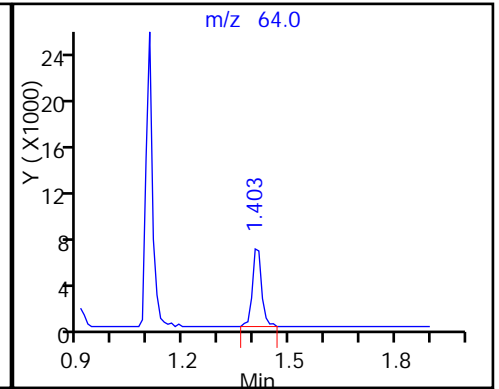
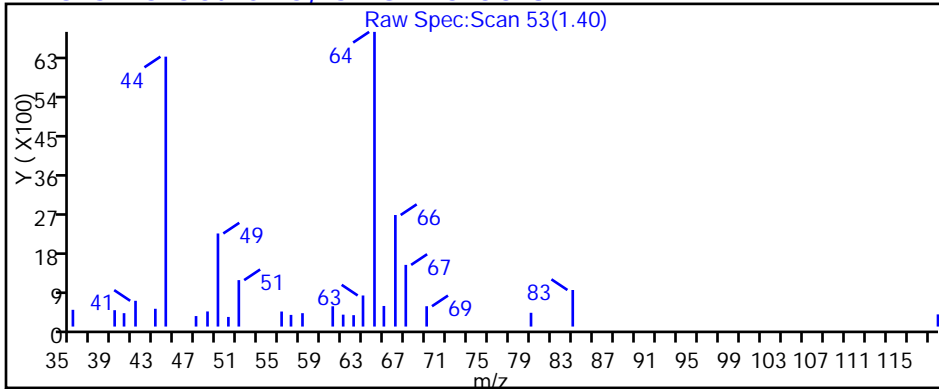
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

16 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7464.D

Injection Date: 03-Feb-2014 19:17:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-5

Lab Sample ID: 480-53736-5

Client ID: MW-11

Operator ID: LH/GTG

ALS Bottle#: 9

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

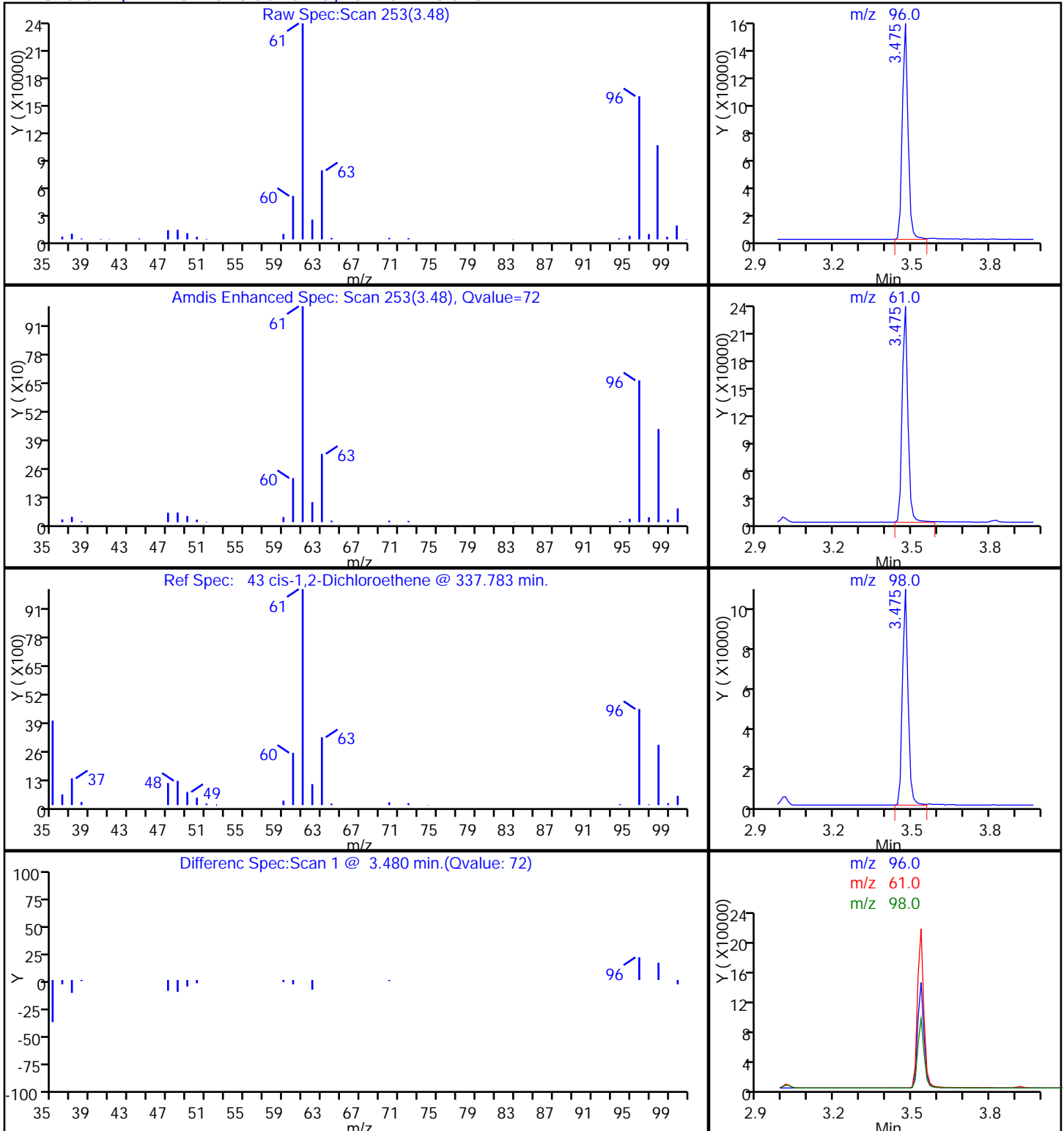
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7464.D

Injection Date: 03-Feb-2014 19:17:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-5

Lab Sample ID: 480-53736-5

Client ID: MW-11

Operator ID: LH/GTG

ALS Bottle#: 9

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

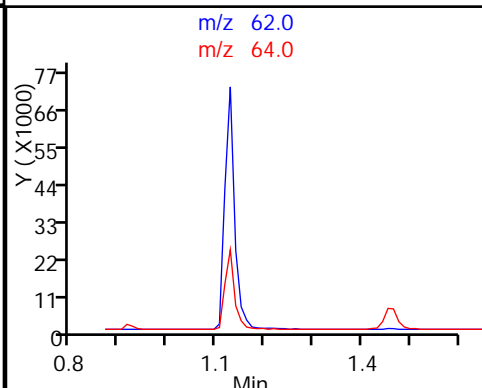
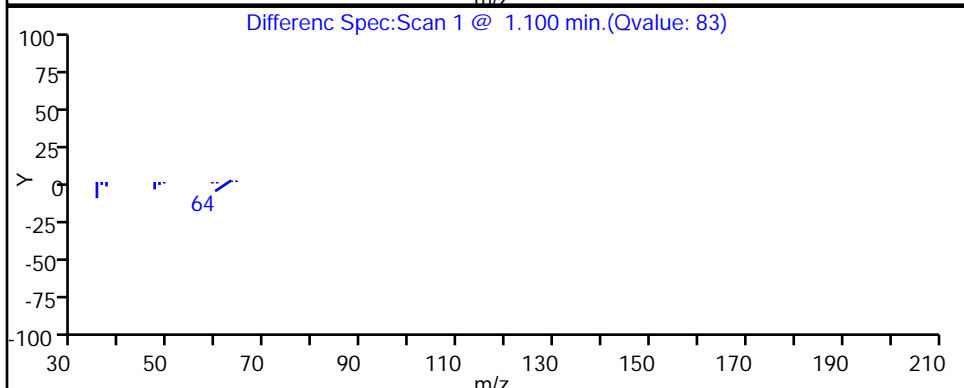
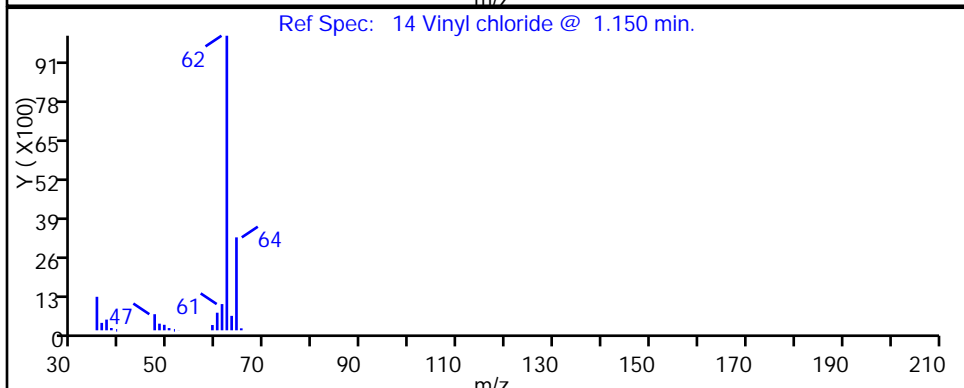
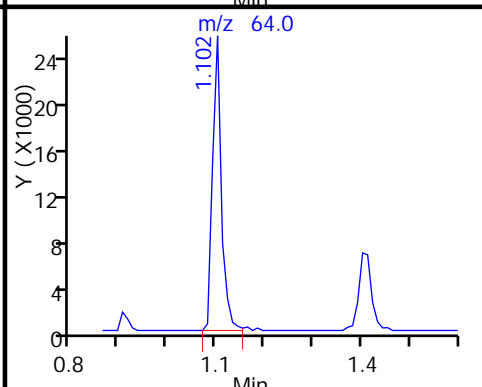
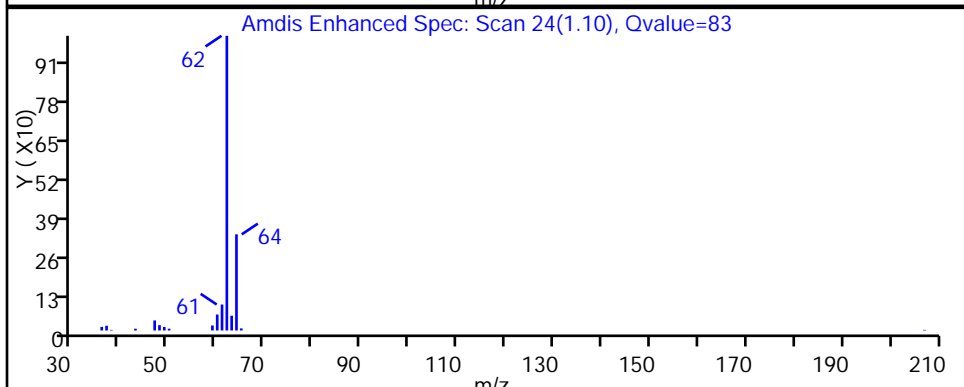
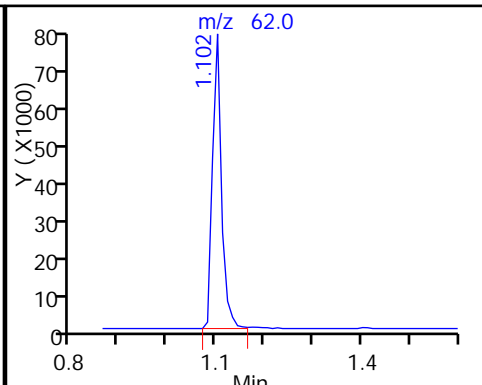
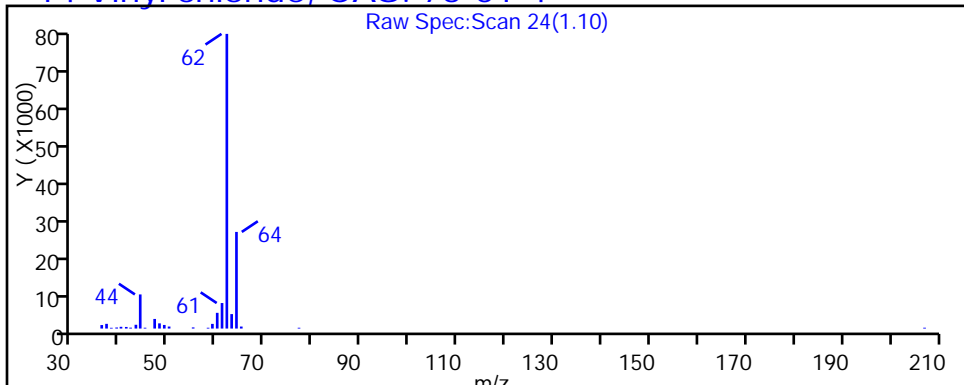
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

14 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-16S Lab Sample ID: 480-53736-6
 Matrix: Ground Water Lab File ID: T7466.D
 Analysis Method: 8260C Date Collected: 01/22/2014 11:35
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 20:05
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2700		2000	1600
79-34-5	1,1,2,2-Tetrachloroethane	ND		2000	420
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	620
79-00-5	1,1,2-Trichloroethane	ND		2000	460
75-34-3	1,1-Dichloroethane	830	J	2000	760
75-35-4	1,1-Dichloroethene	ND		2000	580
120-82-1	1,2,4-Trichlorobenzene	ND		2000	820
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2000	780
106-93-4	1,2-Dibromoethane	ND		2000	1500
95-50-1	1,2-Dichlorobenzene	ND		2000	1600
107-06-2	1,2-Dichloroethane	ND		2000	420
78-87-5	1,2-Dichloropropane	ND		2000	1400
541-73-1	1,3-Dichlorobenzene	ND		2000	1600
106-46-7	1,4-Dichlorobenzene	ND		2000	1700
78-93-3	2-Butanone (MEK)	ND		20000	2600
591-78-6	2-Hexanone	ND		10000	2500
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10000	4200
67-64-1	Acetone	ND		20000	6000
71-43-2	Benzene	ND		2000	820
75-27-4	Bromodichloromethane	ND		2000	780
75-25-2	Bromoform	ND		2000	520
74-83-9	Bromomethane	ND		2000	1400
75-15-0	Carbon disulfide	ND		2000	380
56-23-5	Carbon tetrachloride	ND		2000	540
108-90-7	Chlorobenzene	ND		2000	1500
75-00-3	Chloroethane	ND		2000	640
67-66-3	Chloroform	ND		2000	680
74-87-3	Chloromethane	ND		2000	700
156-59-2	cis-1,2-Dichloroethene	43000		2000	1600
10061-01-5	cis-1,3-Dichloropropene	ND		2000	720
110-82-7	Cyclohexane	ND		2000	360
124-48-1	Dibromochloromethane	ND		2000	640
75-71-8	Dichlorodifluoromethane	ND		2000	1400
100-41-4	Ethylbenzene	ND		2000	1500
98-82-8	Isopropylbenzene	ND		2000	1600

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-16S Lab Sample ID: 480-53736-6
 Matrix: Ground Water Lab File ID: T7466.D
 Analysis Method: 8260C Date Collected: 01/22/2014 11:35
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 20:05
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5000	1000
1634-04-4	Methyl tert-butyl ether	ND		2000	320
108-87-2	Methylcyclohexane	ND		2000	320
75-09-2	Methylene Chloride	ND		2000	880
100-42-5	Styrene	ND		2000	1500
127-18-4	Tetrachloroethene	ND		2000	720
108-88-3	Toluene	ND		2000	1000
156-60-5	trans-1,2-Dichloroethene	ND		2000	1800
10061-02-6	trans-1,3-Dichloropropene	ND		2000	740
79-01-6	Trichloroethene	110000		2000	920
75-69-4	Trichlorofluoromethane	ND		2000	1800
75-01-4	Vinyl chloride	3700		2000	1800
1330-20-7	Xylenes, Total	ND		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		66-137
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	97		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7466.D
 Lims ID: 480-53736-A-6 Lab Sample ID: 480-53736-6
 Client ID: MW-16S
 Sample Type: Client
 Inject. Date: 03-Feb-2014 20:05:30 ALS Bottle#: 11 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 2000.0000
 Sample Info: 480-53736-A-6
 Misc. Info.: 480-0029232-024
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 20:39:07 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: larsonr

Date: 03-Feb-2014 20:39:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	98	532669	25.0	
* 1 1,4-Difluorobenzene	114		4.429					
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	87	371118	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	97	177829	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	179577	24.5	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	94	511765	24.3	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	134520	24.8	
11 Dichlorodifluoromethane	85		0.905					
13 Chloromethane	50		1.019					
14 Vinyl chloride	62	1.102	1.102	0.0	73	14539	1.86	
15 Bromomethane	94		1.330					
16 Chloroethane	64		1.403					
17 Trichlorofluoromethane	101		1.568					
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		1.973					
22 1,1-Dichloroethene	96	1.983	1.973	0.010	34	1017	0.1998	
23 Acetone	43		2.097					
25 Carbon disulfide	76		2.128					
28 Methyl acetate	43		2.366					
30 Methylene Chloride	84		2.439					
33 Methyl tert-butyl ether	73		2.636					
32 trans-1,2-Dichloroethene	96		2.636					
36 1,1-Dichloroethane	63	2.999	2.999	0.0	20	4912	0.4146	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	71	130715	21.6	
44 2-Butanone (MEK)	43		3.527					
50 Chloroform	83		3.734					
51 1,1,1-Trichloroethane	97	3.828	3.817	0.011	77	11448	1.35	
52 Cyclohexane	56		3.817					
53 Carbon tetrachloride	117		3.931					
55 Benzene	78		4.118					
57 1,2-Dichloroethane	62		4.170					
60 Trichloroethene	95	4.605	4.605	0.0	93	335682	56.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
62 Methylcyclohexane	83		4.688					
63 1,2-Dichloropropane	63		4.802					
67 Dichlorobromomethane	83		5.019					
71 cis-1,3-Dichloropropene	75		5.351					
72 4-Methyl-2-pentanone (MIBK)	43		5.475					
73 Toluene	92		5.569					
75 trans-1,3-Dichloropropene	75		5.786					
78 1,1,2-Trichloroethane	83		5.931					
79 Tetrachloroethane	166		5.962					
81 2-Hexanone	43		6.118					
82 Chlorodibromomethane	129		6.221					
83 Ethylene Dibromide	107		6.294					
86 Chlorobenzene	112		6.657					
88 Ethylbenzene	91		6.729					
90 m-Xylene & p-Xylene	106		6.823					
91 o-Xylene	106		7.133					
92 Styrene	104		7.154					
93 Bromoform	173		7.330					
95 Isopropylbenzene	105		7.424					
98 1,1,2,2-Tetrachloroethane	83		7.734					
110 1,3-Dichlorobenzene	146		8.429					
113 1,4-Dichlorobenzene	146		8.512					
116 1,2-Dichlorobenzene	146		8.812					
117 1,2-Dibromo-3-Chloropropane	75		9.486					
119 1,2,4-Trichlorobenzene	180		10.128					
S 126 Xylenes, Total	1		30.000					

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7466.D

Injection Date: 03-Feb-2014 20:05:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: 480-53736-A-6

Lab Sample ID: 480-53736-6

Worklist Smp#: 24

Client ID: MW-16S

Purge Vol: 5.000 mL

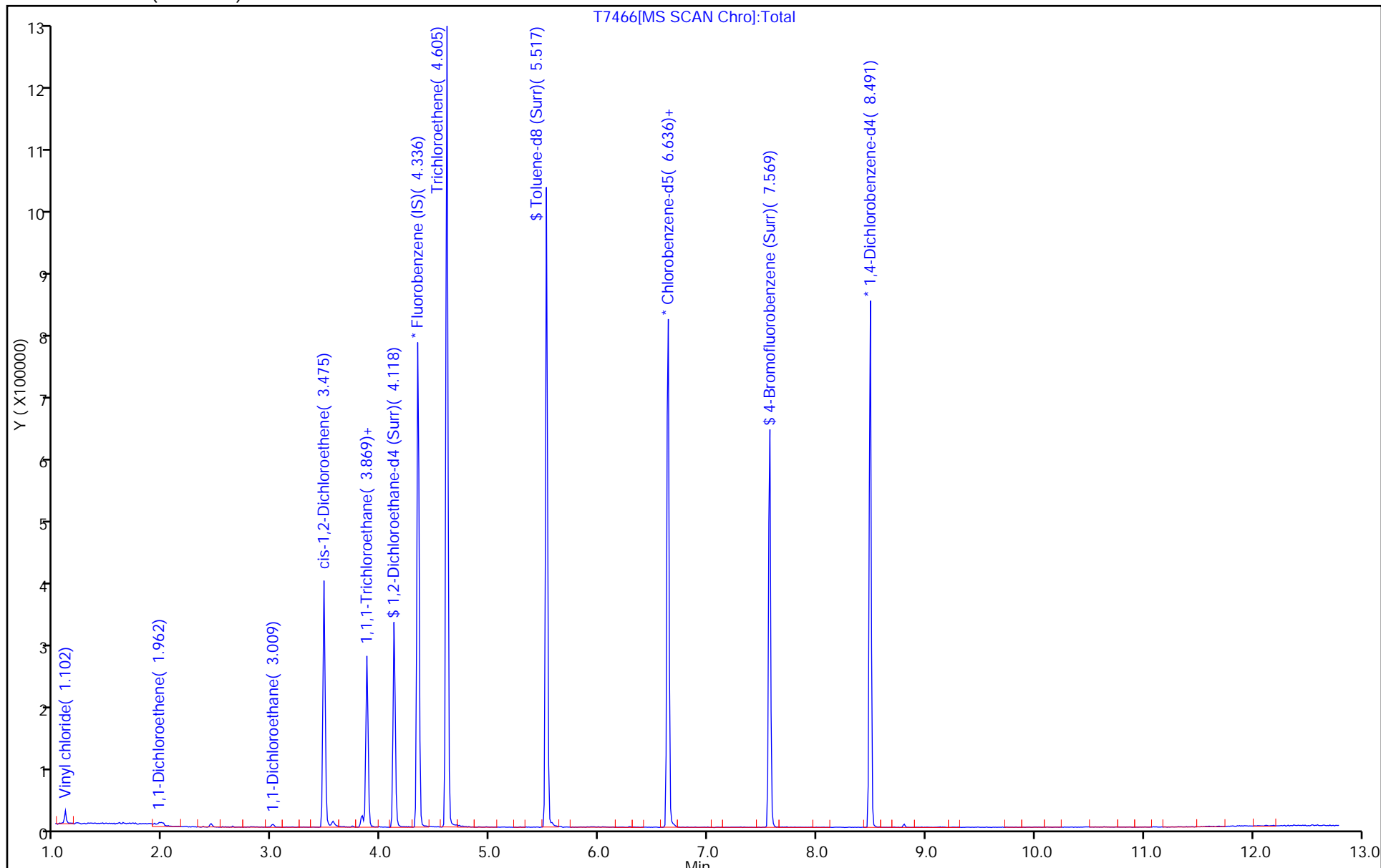
Dil. Factor: 2000.0000

ALS Bottle#: 11

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7466.D

Injection Date: 03-Feb-2014 20:05:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-6

Lab Sample ID: 480-53736-6

Client ID: MW-16S

Operator ID: LH/GTG

ALS Bottle#: 11

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 2000.0000

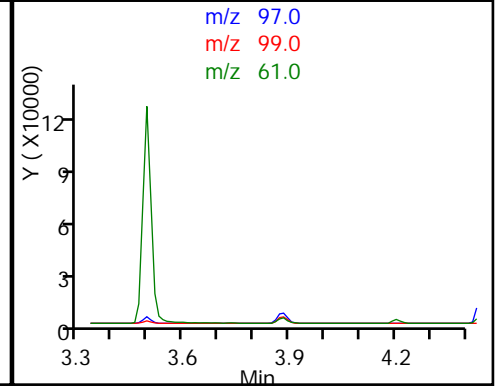
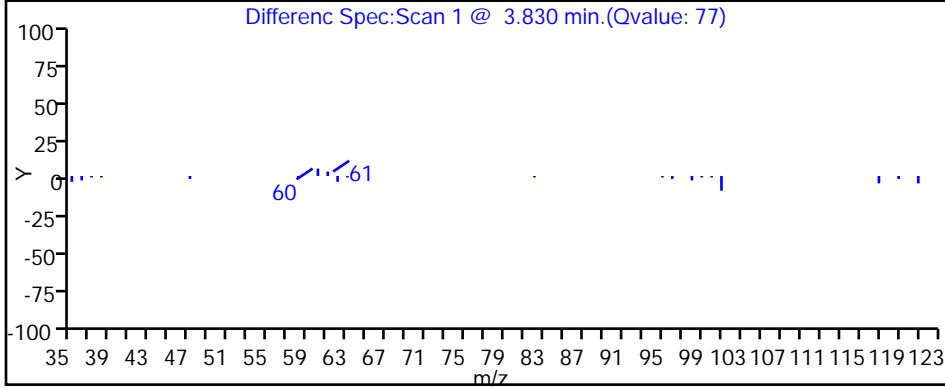
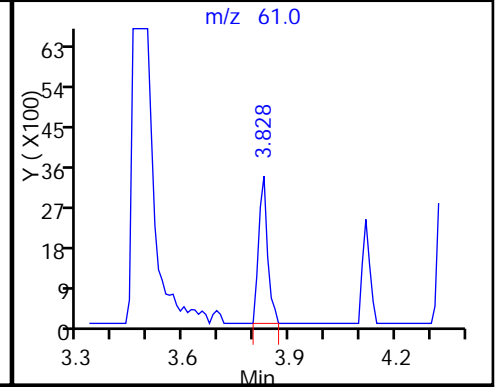
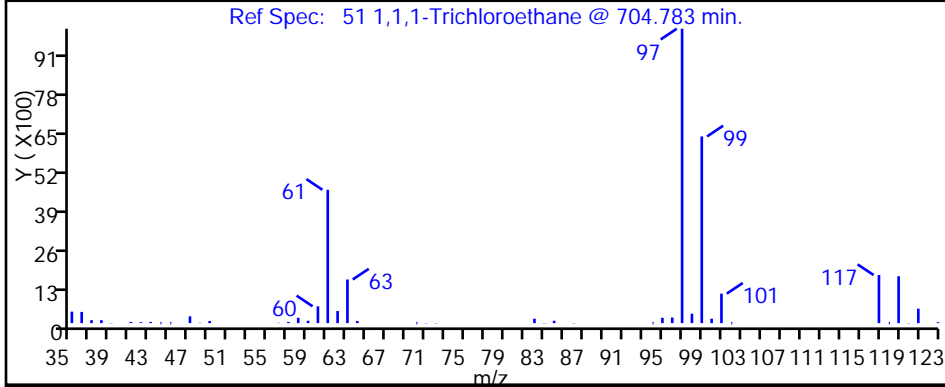
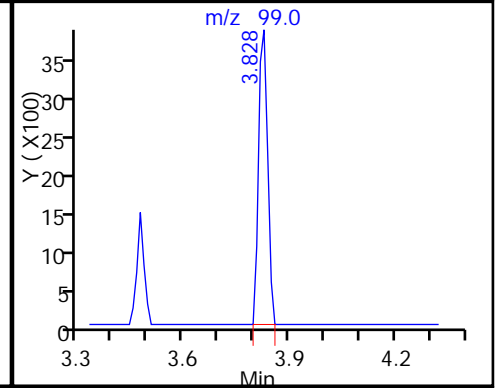
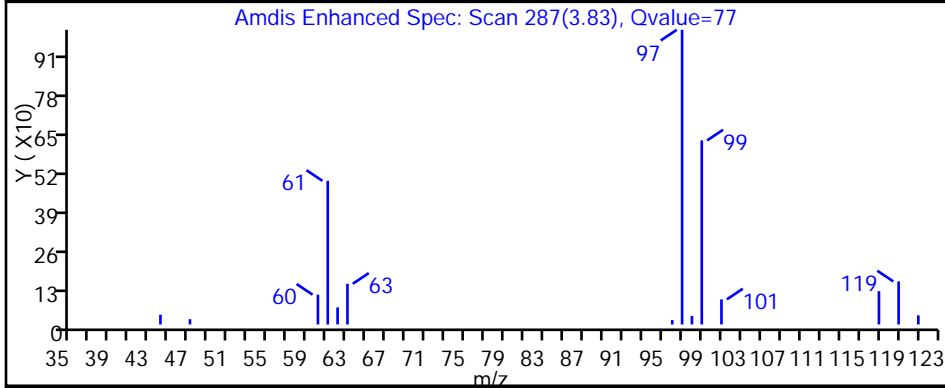
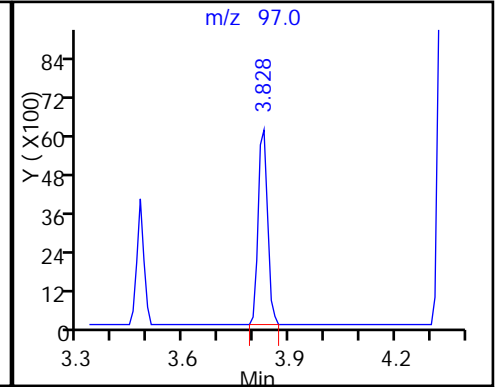
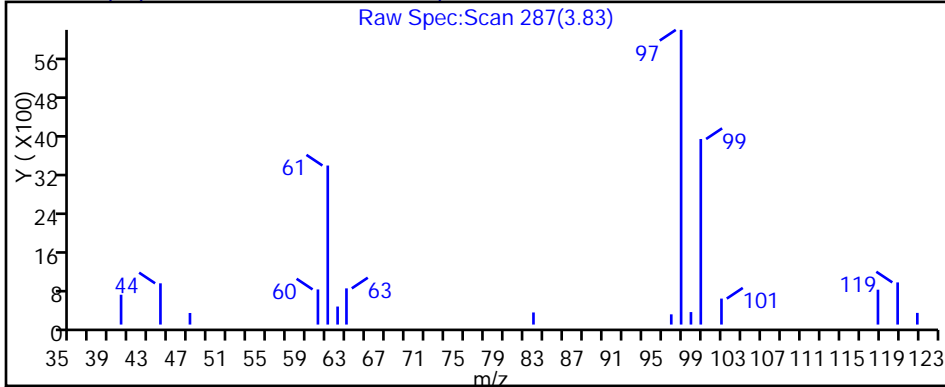
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7466.D

Injection Date: 03-Feb-2014 20:05:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-6

Lab Sample ID: 480-53736-6

Client ID: MW-16S

Operator ID: LH/GTG

ALS Bottle#: 11

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 2000.0000

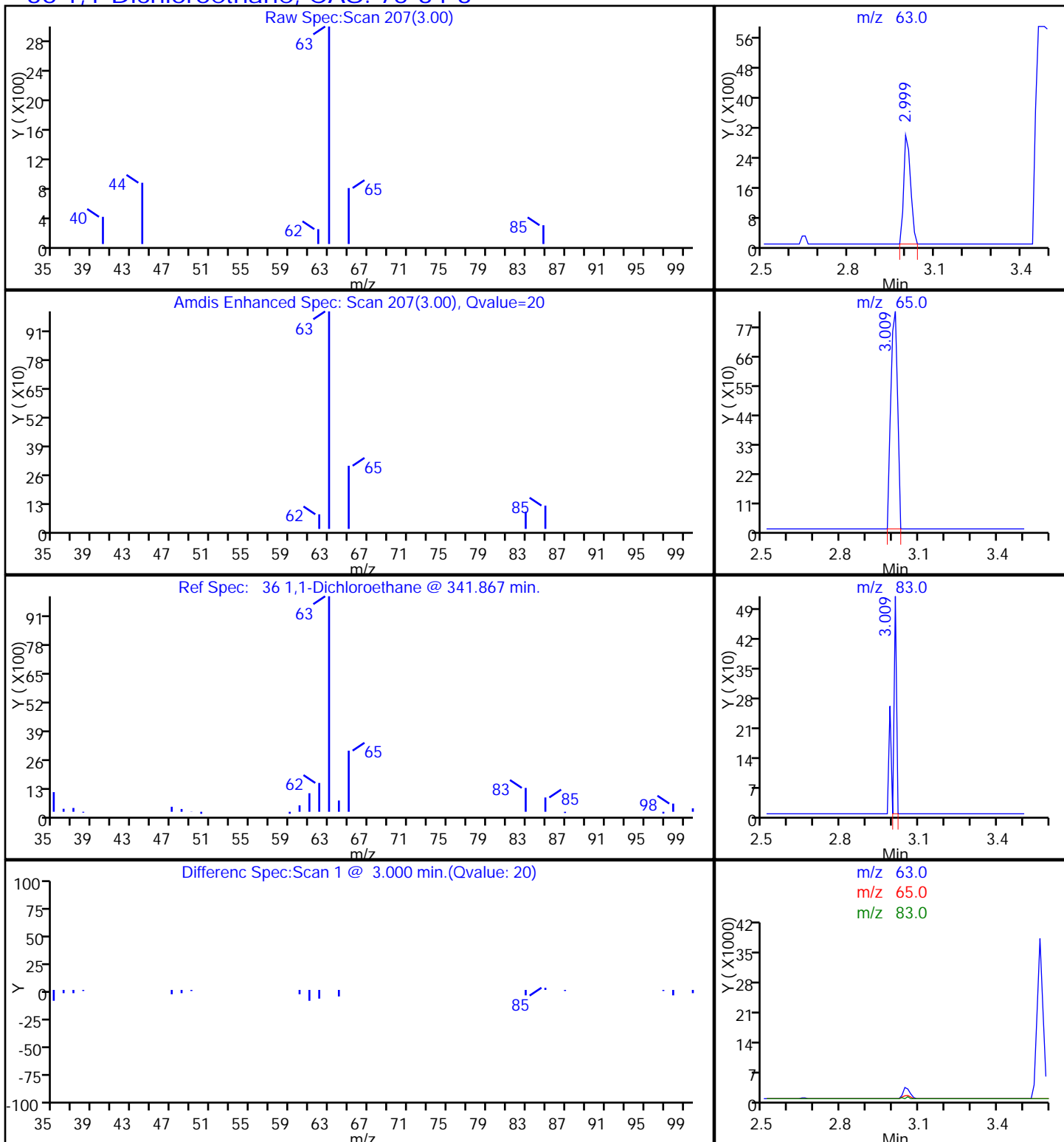
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7466.D

Injection Date: 03-Feb-2014 20:05:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-6

Lab Sample ID: 480-53736-6

Client ID: MW-16S

Operator ID: LH/GTG

ALS Bottle#: 11

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 2000.0000

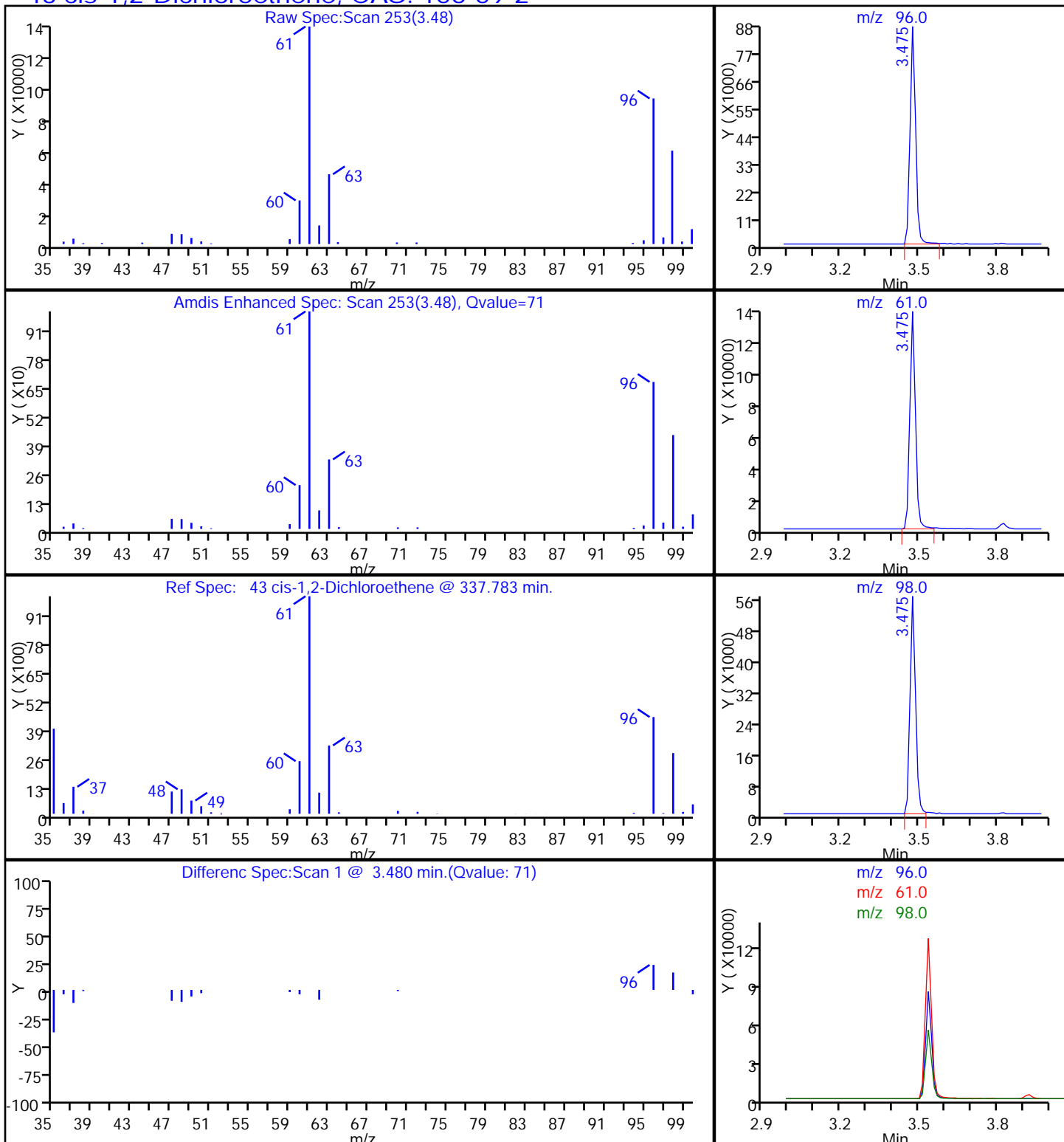
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7466.D

Injection Date: 03-Feb-2014 20:05:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-6

Lab Sample ID: 480-53736-6

Client ID: MW-16S

Operator ID: LH/GTG

ALS Bottle#: 11

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 2000.0000

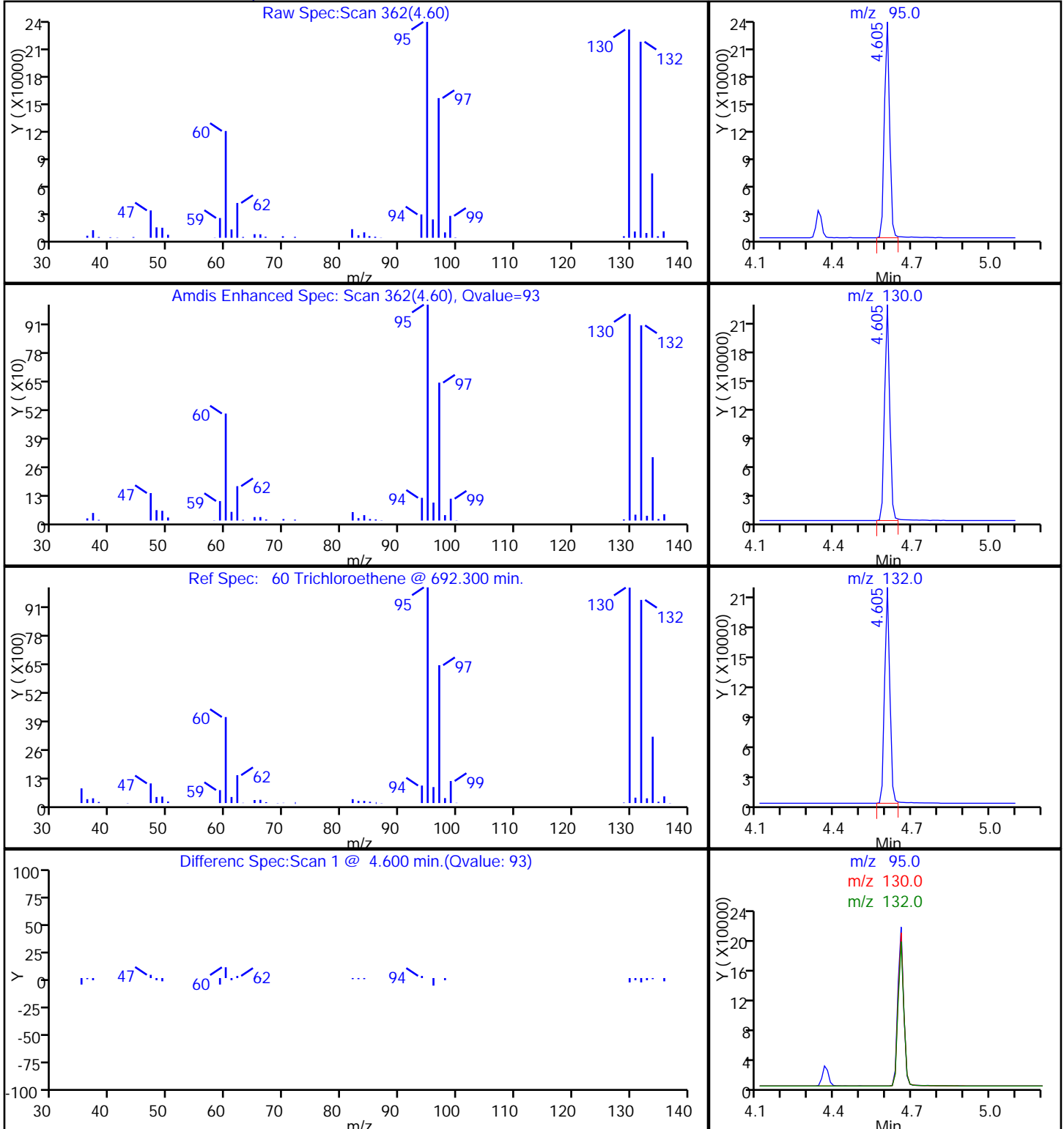
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

60 Trichloroethene, CAS: 79-01-6



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7466.D

Injection Date: 03-Feb-2014 20:05:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-6

Lab Sample ID: 480-53736-6

Client ID: MW-16S

Operator ID: LH/GTG

ALS Bottle#: 11

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 2000.0000

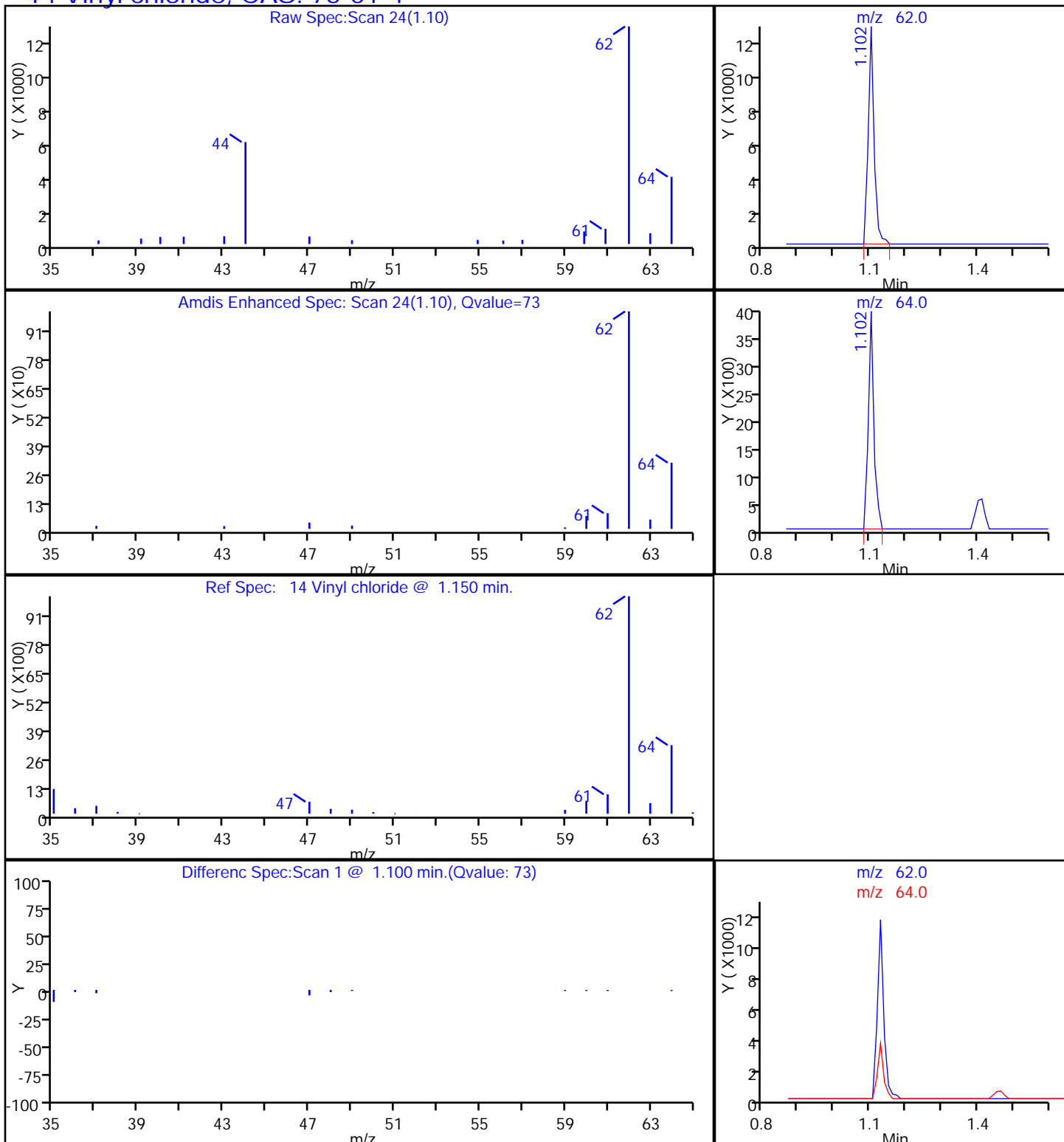
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

14 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: Duplicate Lab Sample ID: 480-53736-7
 Matrix: Water Lab File ID: T7467.D
 Analysis Method: 8260C Date Collected: 01/22/2014 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 20:29
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2500		2000	1600
79-34-5	1,1,2,2-Tetrachloroethane	ND		2000	420
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	620
79-00-5	1,1,2-Trichloroethane	ND		2000	460
75-34-3	1,1-Dichloroethane	800	J	2000	760
75-35-4	1,1-Dichloroethene	ND		2000	580
120-82-1	1,2,4-Trichlorobenzene	ND		2000	820
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2000	780
106-93-4	1,2-Dibromoethane	ND		2000	1500
95-50-1	1,2-Dichlorobenzene	ND		2000	1600
107-06-2	1,2-Dichloroethane	ND		2000	420
78-87-5	1,2-Dichloropropane	ND		2000	1400
541-73-1	1,3-Dichlorobenzene	ND		2000	1600
106-46-7	1,4-Dichlorobenzene	ND		2000	1700
78-93-3	2-Butanone (MEK)	ND		20000	2600
591-78-6	2-Hexanone	ND		10000	2500
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10000	4200
67-64-1	Acetone	ND		20000	6000
71-43-2	Benzene	ND		2000	820
75-27-4	Bromodichloromethane	ND		2000	780
75-25-2	Bromoform	ND		2000	520
74-83-9	Bromomethane	ND		2000	1400
75-15-0	Carbon disulfide	ND		2000	380
56-23-5	Carbon tetrachloride	ND		2000	540
108-90-7	Chlorobenzene	ND		2000	1500
75-00-3	Chloroethane	ND		2000	640
67-66-3	Chloroform	ND		2000	680
74-87-3	Chloromethane	ND		2000	700
156-59-2	cis-1,2-Dichloroethene	42000		2000	1600
10061-01-5	cis-1,3-Dichloropropene	ND		2000	720
110-82-7	Cyclohexane	ND		2000	360
124-48-1	Dibromochloromethane	ND		2000	640
75-71-8	Dichlorodifluoromethane	ND		2000	1400
100-41-4	Ethylbenzene	ND		2000	1500
98-82-8	Isopropylbenzene	ND		2000	1600

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: Duplicate Lab Sample ID: 480-53736-7
 Matrix: Water Lab File ID: T7467.D
 Analysis Method: 8260C Date Collected: 01/22/2014 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 20:29
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5000	1000
1634-04-4	Methyl tert-butyl ether	ND		2000	320
108-87-2	Methylcyclohexane	ND		2000	320
75-09-2	Methylene Chloride	ND		2000	880
100-42-5	Styrene	ND		2000	1500
127-18-4	Tetrachloroethene	ND		2000	720
108-88-3	Toluene	ND		2000	1000
156-60-5	trans-1,2-Dichloroethene	ND		2000	1800
10061-02-6	trans-1,3-Dichloropropene	ND		2000	740
79-01-6	Trichloroethene	99000		2000	920
75-69-4	Trichlorofluoromethane	ND		2000	1800
75-01-4	Vinyl chloride	3600		2000	1800
1330-20-7	Xylenes, Total	ND		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		66-137
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
2037-26-5	Toluene-d8 (Surr)	101		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7467.D
 Lims ID: 480-53736-A-7 Lab Sample ID: 480-53736-7
 Client ID: Duplicate
 Sample Type: Client
 Inject. Date: 03-Feb-2014 20:29:30 ALS Bottle#: 12 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 2000.0000
 Sample Info: 480-53736-A-7
 Misc. Info.: 480-0029232-025
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 21:48:37 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: larsonr

Date: 03-Feb-2014 21:48:37

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.0	98	537124	25.0	
* 1 1,4-Difluorobenzene	114		4.429					
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	88	368764	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	97	176275	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	184779	25.0	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	94	525750	25.1	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	136330	25.3	
11 Dichlorodifluoromethane	85		0.905					
13 Chloromethane	50		1.019					
14 Vinyl chloride	62	1.102	1.102	0.0	52	14110	1.79	
15 Bromomethane	94		1.330					
16 Chloroethane	64		1.403					
17 Trichlorofluoromethane	101		1.568					
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.973					
22 1,1-Dichloroethene	96	1.973	1.973	0.0	49	770	0.1500	
23 Acetone	43		2.097					
25 Carbon disulfide	76		2.128					
28 Methyl acetate	43		2.366					
30 Methylene Chloride	84		2.439					
33 Methyl tert-butyl ether	73		2.636					
32 trans-1,2-Dichloroethene	96		2.636					
36 1,1-Dichloroethane	63	3.009	2.999	0.010	24	4760	0.3984	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	71	127542	20.9	
44 2-Butanone (MEK)	43		3.527					
50 Chloroform	83		3.734					
51 1,1,1-Trichloroethane	97	3.828	3.817	0.011	81	10680	1.25	
52 Cyclohexane	56		3.817					
53 Carbon tetrachloride	117		3.931					
55 Benzene	78		4.118					
57 1,2-Dichloroethane	62		4.170					
60 Trichloroethene	95	4.605	4.605	0.0	93	295659	49.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
62 Methylcyclohexane	83		4.688					
63 1,2-Dichloropropane	63		4.802					
67 Dichlorobromomethane	83		5.019					
71 cis-1,3-Dichloropropene	75		5.351					
72 4-Methyl-2-pentanone (MIBK)	43		5.475					
73 Toluene	92		5.569					
75 trans-1,3-Dichloropropene	75		5.786					
78 1,1,2-Trichloroethane	83		5.931					
79 Tetrachloroethane	166		5.962					
81 2-Hexanone	43		6.118					
82 Chlorodibromomethane	129		6.221					
83 Ethylene Dibromide	107		6.294					
86 Chlorobenzene	112		6.657					
88 Ethylbenzene	91		6.729					
90 m-Xylene & p-Xylene	106		6.823					
91 o-Xylene	106		7.133					
92 Styrene	104		7.154					
93 Bromoform	173		7.330					
95 Isopropylbenzene	105		7.424					
98 1,1,2,2-Tetrachloroethane	83		7.734					
110 1,3-Dichlorobenzene	146		8.429					
113 1,4-Dichlorobenzene	146		8.512					
116 1,2-Dichlorobenzene	146		8.812					
117 1,2-Dibromo-3-Chloropropane	75		9.486					
119 1,2,4-Trichlorobenzene	180		10.128					
S 126 Xylenes, Total	1		30.000					

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7467.D

Injection Date: 03-Feb-2014 20:29:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: 480-53736-A-7

Lab Sample ID: 480-53736-7

Worklist Smp#: 25

Client ID: Duplicate

Purge Vol: 5.000 mL

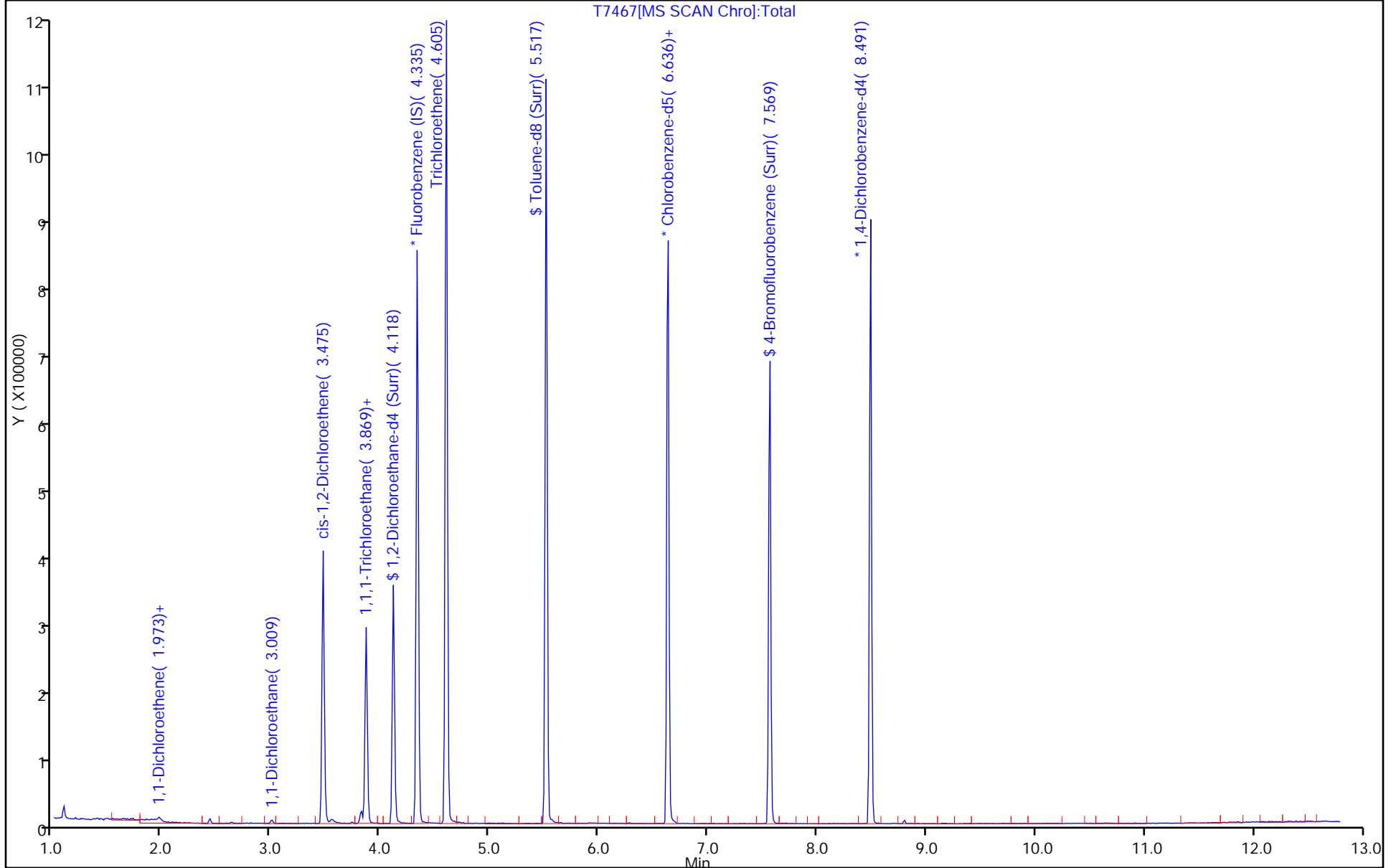
Dil. Factor: 2000.0000

ALS Bottle#: 12

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7467.D

Injection Date: 03-Feb-2014 20:29:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-7

Lab Sample ID: 480-53736-7

Client ID: Duplicate

Operator ID: LH/GTG

ALS Bottle#: 12

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 2000.0000

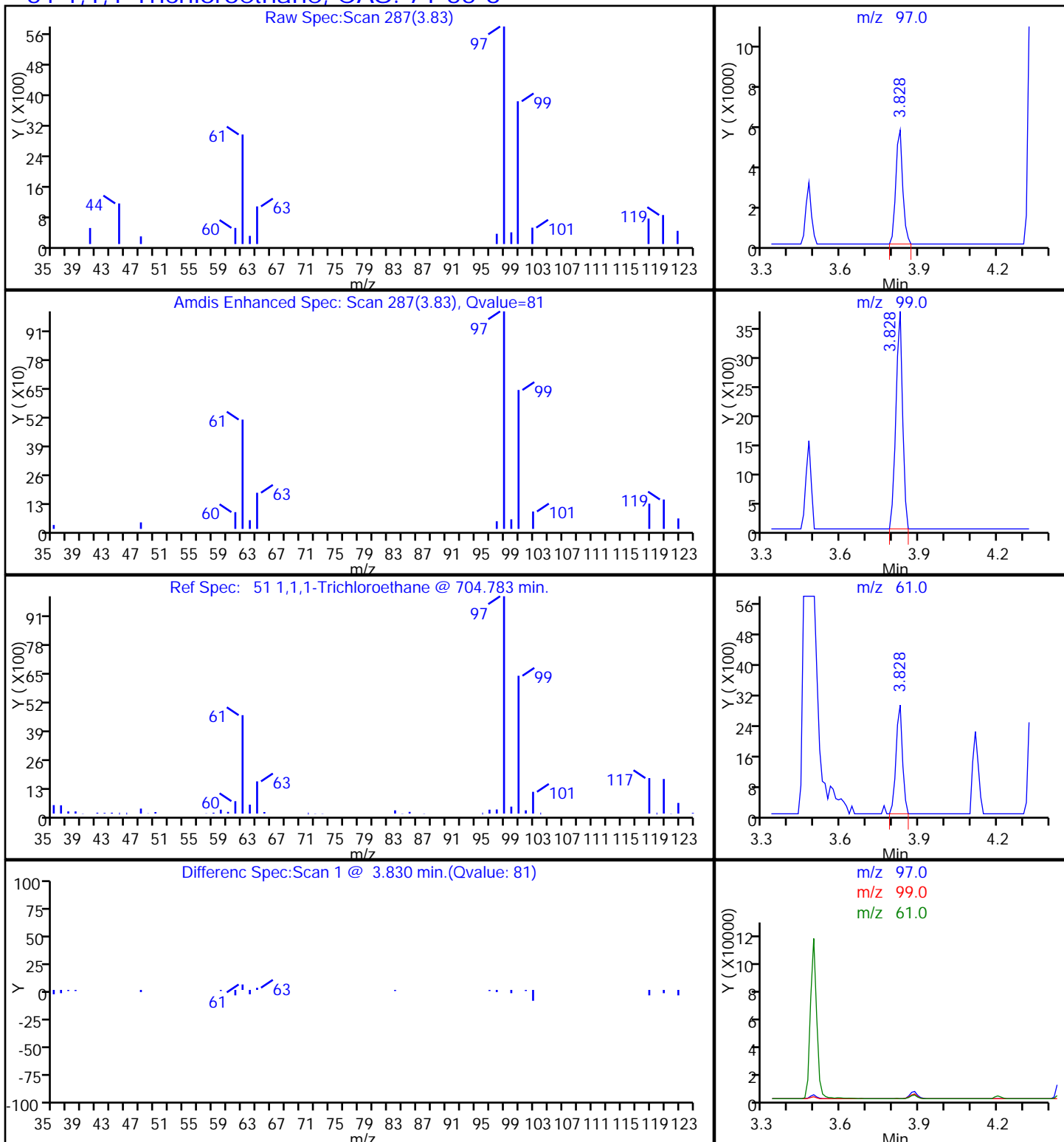
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7467.D

Injection Date: 03-Feb-2014 20:29:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-7

Lab Sample ID: 480-53736-7

Client ID: Duplicate

Operator ID: LH/GTG

ALS Bottle#: 12

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 2000.0000

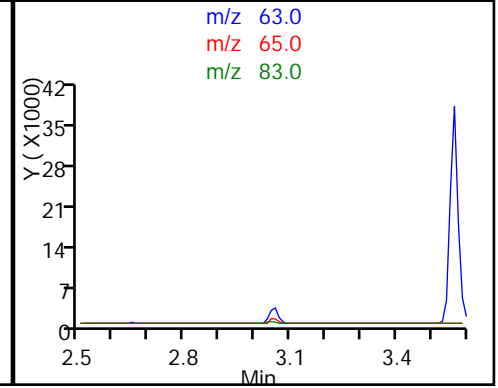
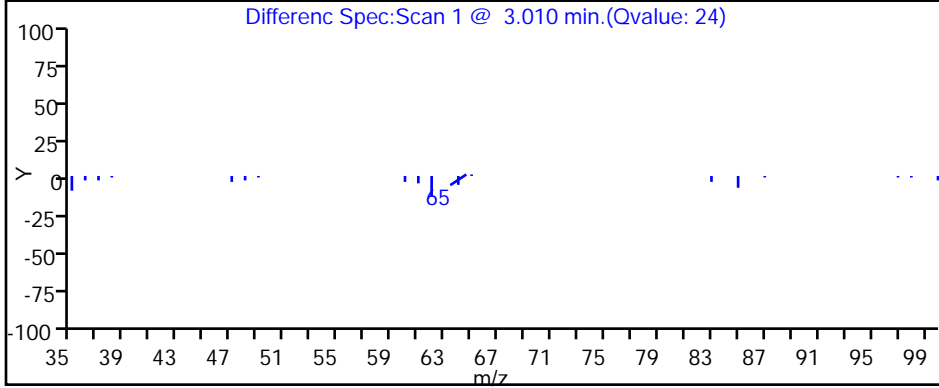
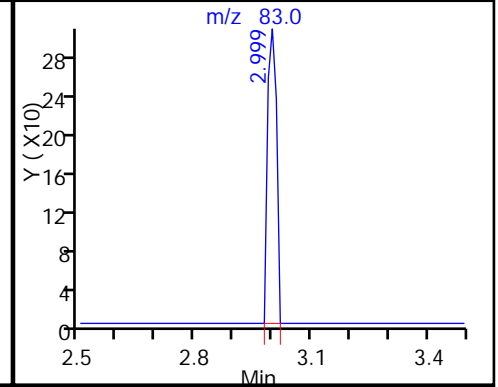
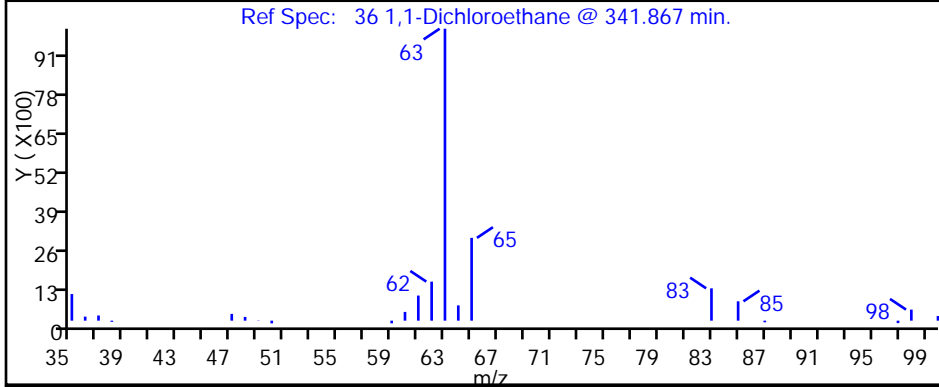
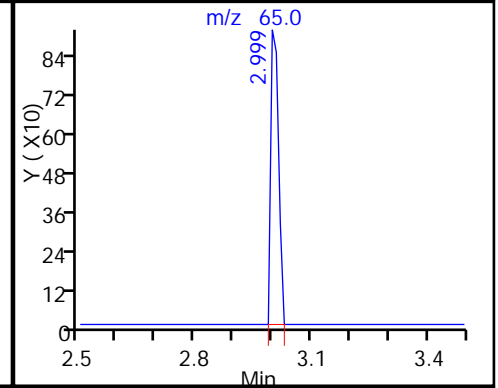
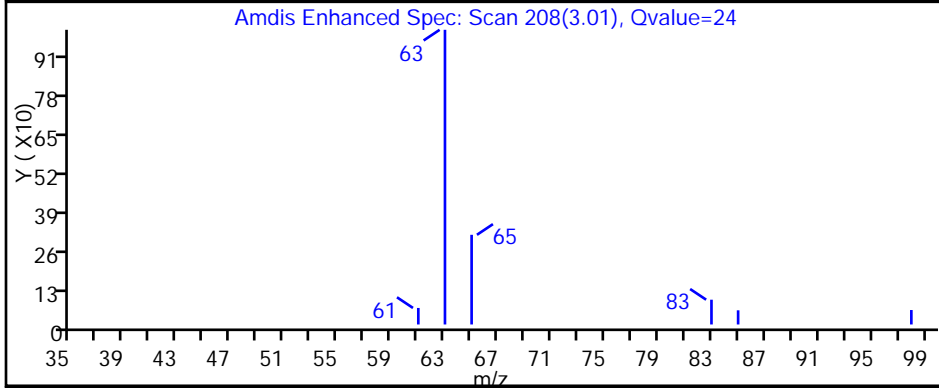
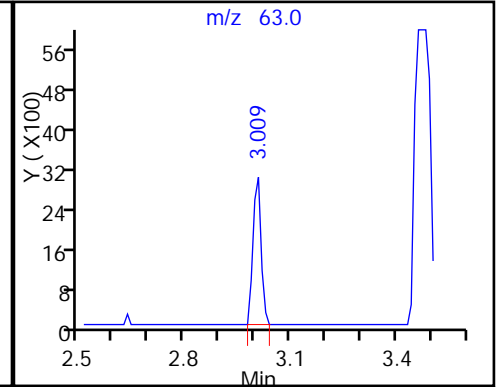
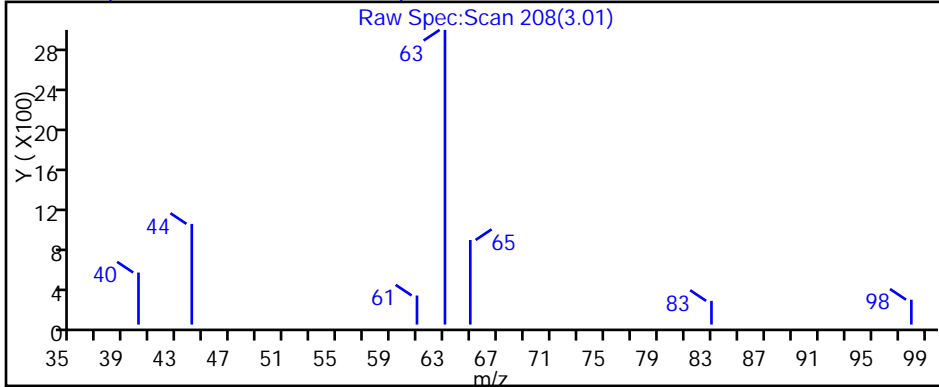
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7467.D

Injection Date: 03-Feb-2014 20:29:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-7

Lab Sample ID: 480-53736-7

Client ID: Duplicate

Operator ID: LH/GTG

ALS Bottle#: 12

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 2000.0000

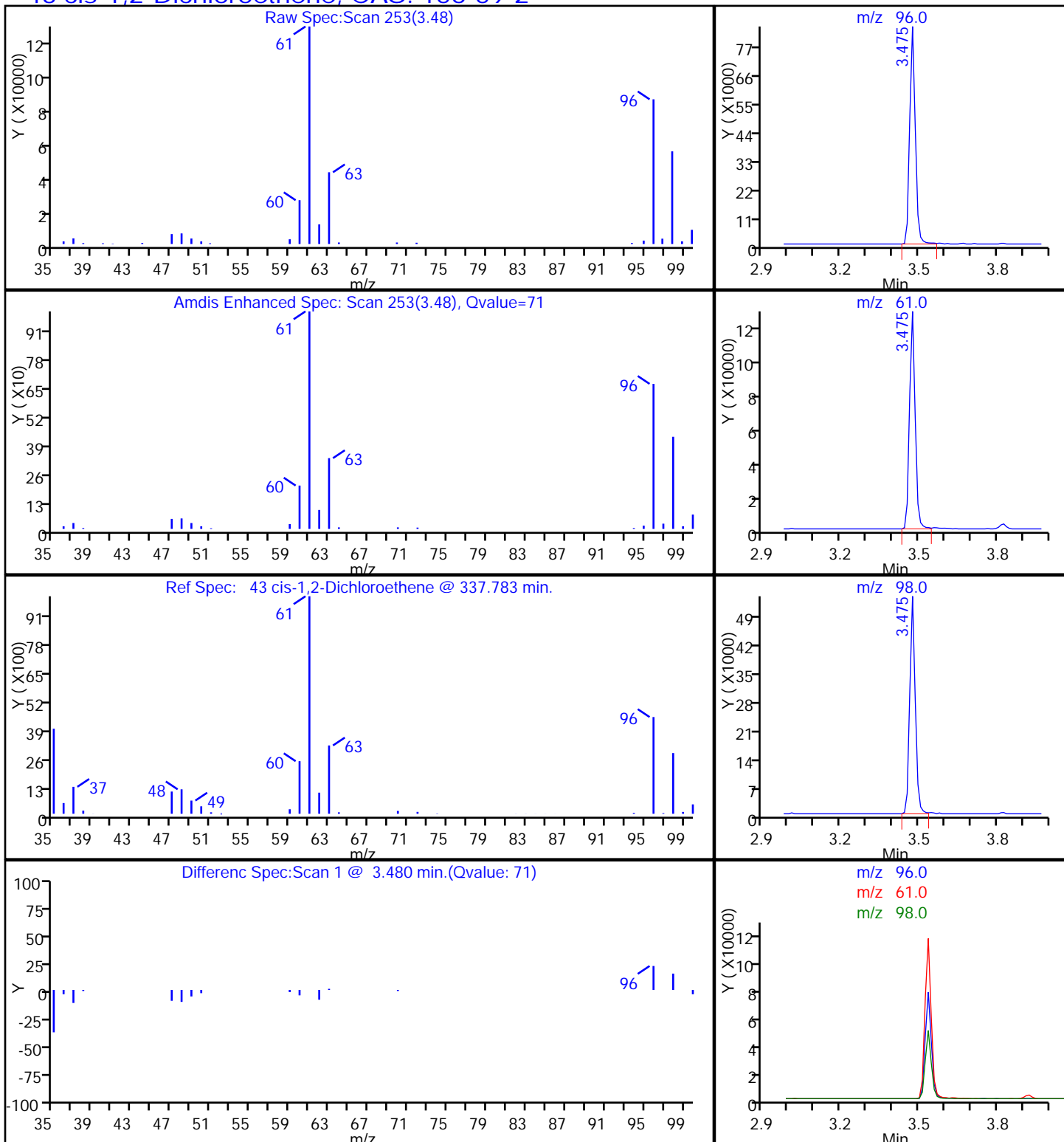
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7467.D

Injection Date: 03-Feb-2014 20:29:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-7

Lab Sample ID: 480-53736-7

Client ID: Duplicate

Operator ID: LH/GTG

ALS Bottle#: 12

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 2000.0000

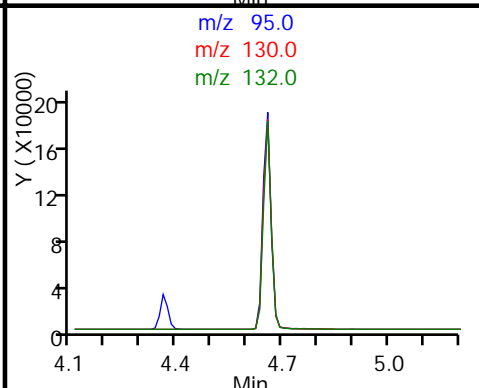
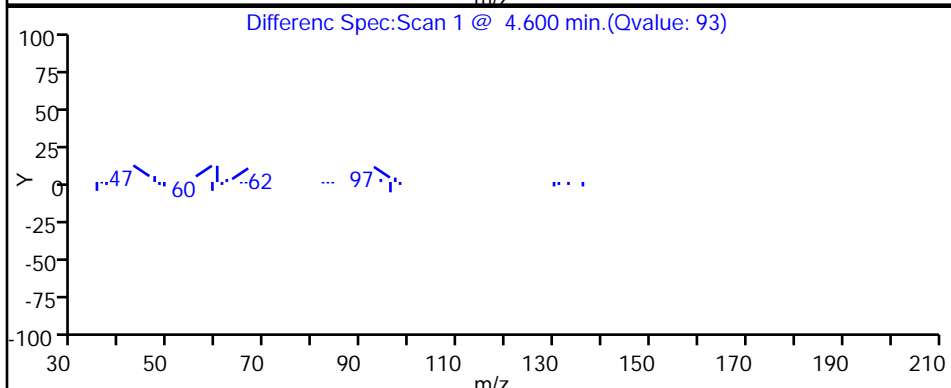
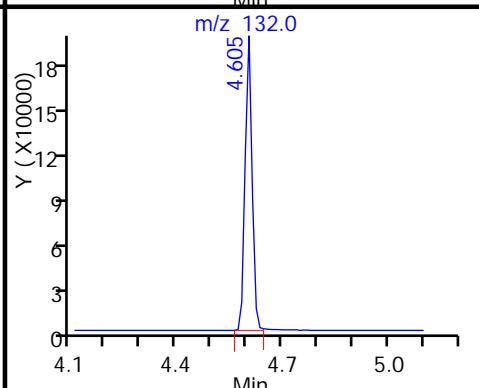
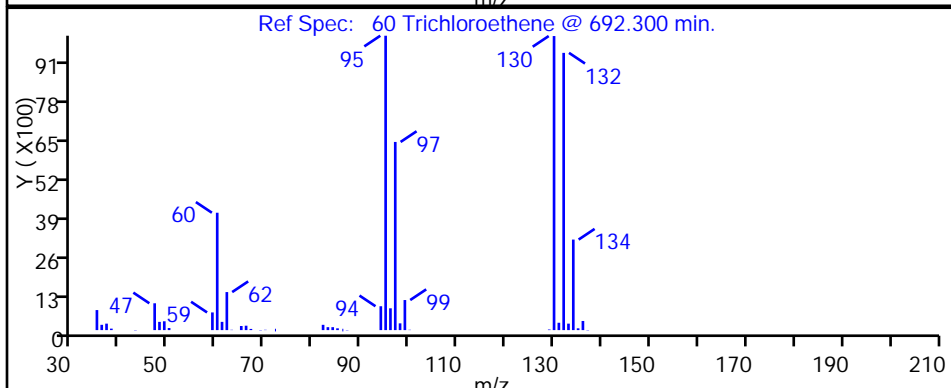
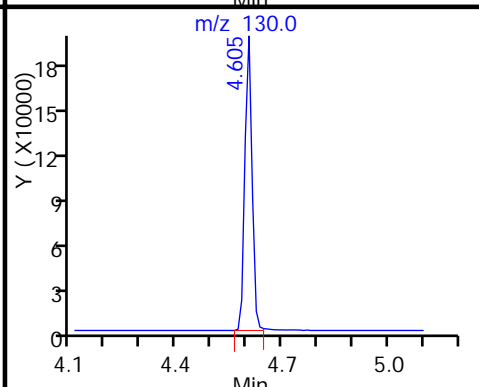
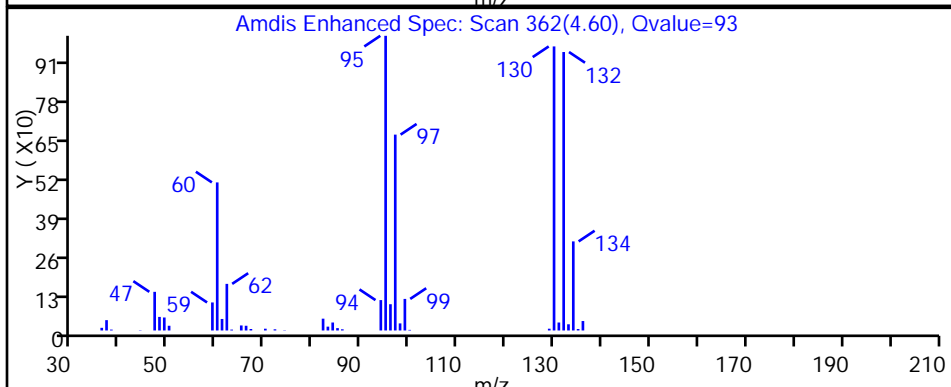
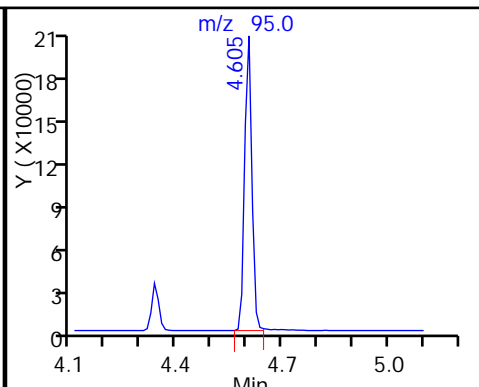
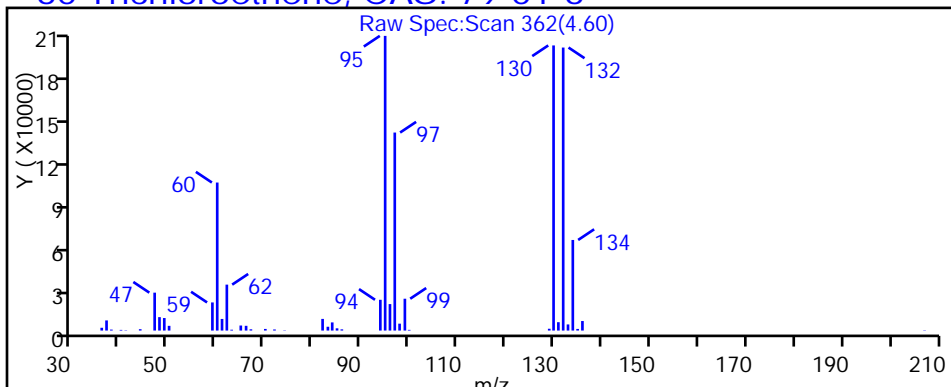
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

60 Trichloroethene, CAS: 79-01-6



TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7467.D

Injection Date: 03-Feb-2014 20:29:30

Instrument ID: HP5975T

Lims ID: 480-53736-A-7

Lab Sample ID: 480-53736-7

Client ID: Duplicate

Operator ID: LH/GTG

ALS Bottle#: 12

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 2000.0000

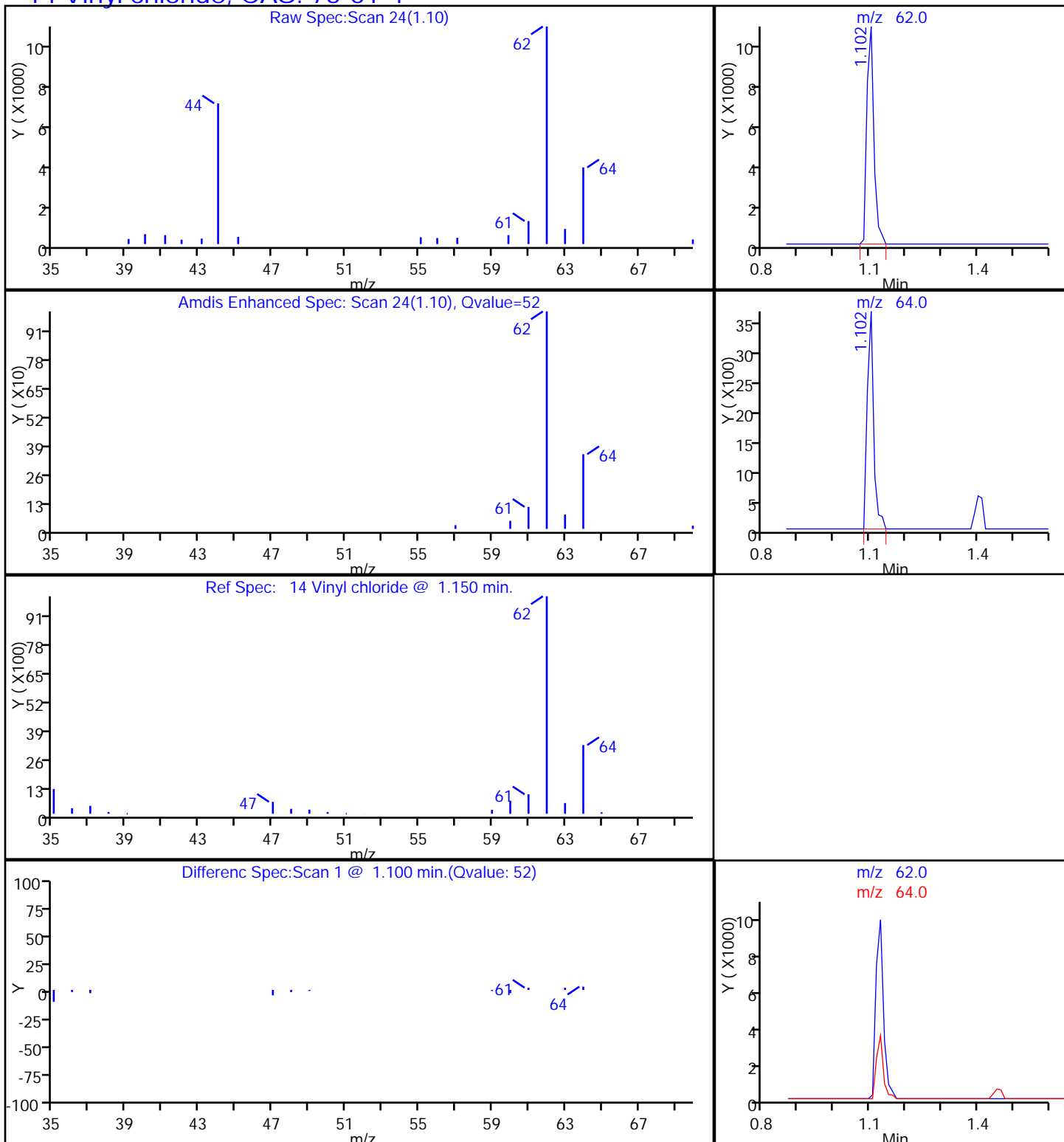
Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

14 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: Rinse Lab Sample ID: 480-53736-8
 Matrix: Water Lab File ID: T7465.D
 Analysis Method: 8260C Date Collected: 01/22/2014 08:00
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 19:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: Rinse Lab Sample ID: 480-53736-8
 Matrix: Water Lab File ID: T7465.D
 Analysis Method: 8260C Date Collected: 01/22/2014 08:00
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 19:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		66-137
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	100		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7465.D
 Lims ID: 480-53736-A-8 Lab Sample ID: 480-53736-8
 Client ID: Rinse
 Sample Type: Client
 Inject. Date: 03-Feb-2014 19:41:30 ALS Bottle#: 10 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-53736-A-8
 Misc. Info.: 480-0029232-026
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 20:38:07 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: larsonr

Date: 03-Feb-2014 20:38:07

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	98	542007	25.0	
* 1 1,4-Difluorobenzene	114		4.429					
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	88	369486	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	96	178619	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	179835	24.1	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	94	522512	24.9	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	133469	24.7	
11 Dichlorodifluoromethane	85		0.905					
13 Chloromethane	50		1.019					
14 Vinyl chloride	62		1.102					
15 Bromomethane	94		1.330					
16 Chloroethane	64		1.403					
17 Trichlorofluoromethane	101		1.568					
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.973					
22 1,1-Dichloroethene	96		1.973					
23 Acetone	43		2.097					
25 Carbon disulfide	76		2.128					
28 Methyl acetate	43		2.366					
30 Methylene Chloride	84		2.439					
33 Methyl tert-butyl ether	73		2.636					
32 trans-1,2-Dichloroethene	96		2.636					
36 1,1-Dichloroethane	63		2.999					
43 cis-1,2-Dichloroethene	96		3.475					
44 2-Butanone (MEK)	43		3.527					
50 Chloroform	83		3.734					
51 1,1,1-Trichloroethane	97		3.817					
52 Cyclohexane	56		3.817					
53 Carbon tetrachloride	117		3.931					
55 Benzene	78		4.118					
57 1,2-Dichloroethane	62		4.170					
60 Trichloroethene	95		4.605					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
62 Methylcyclohexane	83		4.688					
63 1,2-Dichloropropane	63		4.802					
67 Dichlorobromomethane	83		5.019					
71 cis-1,3-Dichloropropene	75		5.351					
72 4-Methyl-2-pentanone (MIBK)	43		5.475					
73 Toluene	92		5.569					
75 trans-1,3-Dichloropropene	75		5.786					
78 1,1,2-Trichloroethane	83		5.931					
79 Tetrachloroethane	166		5.962					
81 2-Hexanone	43		6.118					
82 Chlorodibromomethane	129		6.221					
83 Ethylene Dibromide	107		6.294					
86 Chlorobenzene	112		6.657					
88 Ethylbenzene	91		6.729					
90 m-Xylene & p-Xylene	106		6.823					
91 o-Xylene	106		7.133					
92 Styrene	104		7.154					
93 Bromoform	173		7.330					
95 Isopropylbenzene	105		7.424					
98 1,1,2,2-Tetrachloroethane	83		7.734					
110 1,3-Dichlorobenzene	146		8.429					
113 1,4-Dichlorobenzene	146		8.512					
116 1,2-Dichlorobenzene	146		8.812					
117 1,2-Dibromo-3-Chloropropane	75		9.486					
119 1,2,4-Trichlorobenzene	180		10.128					
S 126 Xylenes, Total	1		30.000					

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7465.D

Injection Date: 03-Feb-2014 19:41:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: 480-53736-A-8

Lab Sample ID: 480-53736-8

Worklist Smp#: 26

Client ID: Rinse

Purge Vol: 5.000 mL

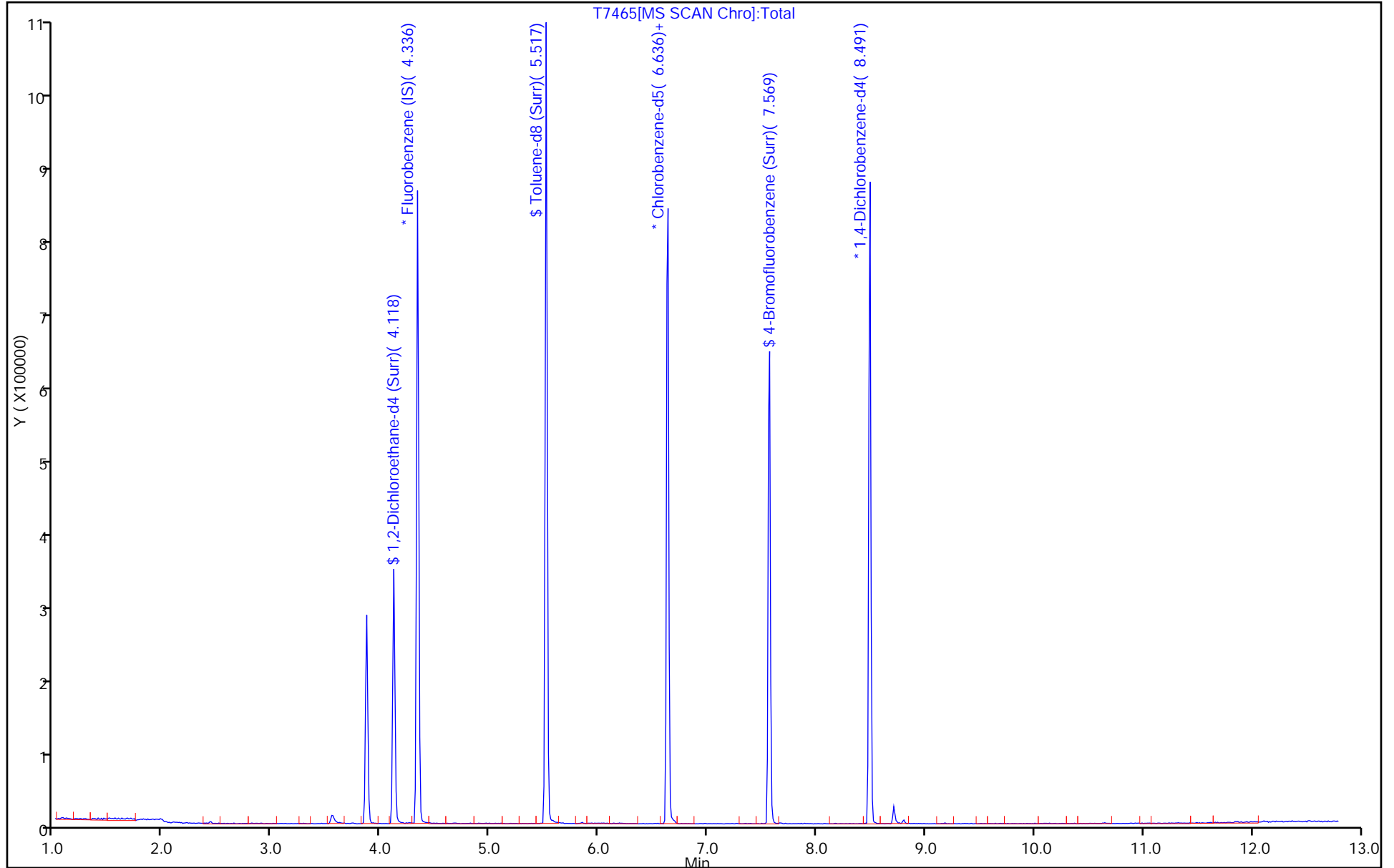
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1 Analy Batch No.: 163563

SDG No.: _____

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/28/2014 19:01 Calibration End Date: 01/28/2014 21:24 Calibration ID: 17309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-163563/5	T7269.D
Level 2	IC 480-163563/6	T7270.D
Level 3	IC 480-163563/7	T7271.D
Level 4	IC 480-163563/8	T7272.D
Level 5	ICIS 480-163563/9	T7273.D
Level 6	IC 480-163563/10	T7274.D
Level 7	IC 480-163563/11	T7275.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Dichlorodifluoromethane	++++ 0.3381	0.3579 0.3387	0.3405	0.3295	0.3209	Ave		0.3376			0.1000	3.7		20.0			
Chloromethane	++++ 0.4307	0.4970 0.4198	0.4647	0.4397	0.4206	Ave		0.4454			0.1000	6.8		20.0			
Vinyl chloride	0.3615 0.3649	0.3938 0.3672	0.3713	0.3579	0.3539	Ave		0.3672			0.1000	3.6		20.0			
Butadiene	++++ 0.3603	0.4357 0.3596	0.3889	0.3554	0.3496	Ave		0.3749				8.7		20.0			
Bromomethane	++++ 0.1214	0.1193 0.1241	0.1048	0.0928	0.1175	Ave		0.1133			0.1000	11.0		20.0			
Chloroethane	++++ 0.1640	0.1156 0.1739	0.1576	0.1421	0.1541	Ave		0.1512			0.1000	13.0		20.0			
Trichlorofluoromethane	++++ 0.3278	0.2805 0.3454	0.2789	0.2829	0.3060	Ave		0.3036			0.1000	9.2		20.0			
Dichlorofluoromethane	++++ 0.4056	0.4611 0.4110	0.4161	0.3708	0.3863	Ave		0.4085				7.6		20.0			
Ethyl ether	++++ 0.2810	0.3007 0.2765	0.2517	0.2628	0.2681	Ave		0.2735				6.2		20.0			
Acrolein	++++ 0.0662	0.0809 0.0663	0.0615	0.0593	0.0640	Ave		0.0664				11.0		20.0			
1,1-Dichloroethene	++++ 0.2299	0.3067 0.2289	0.2241	0.2233	0.2205	Ave		0.2389			0.1000	14.0		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2454	0.2315 0.2420	0.2215	0.2256	0.2247	Ave		0.2318			0.1000	4.2		20.0			
Iodomethane	++++ 0.3716	0.3484 0.3691	0.3264	0.3201	0.3441	Ave		0.3466				6.1		20.0			
Acetone	++++ 0.1237	0.1316 0.1299	0.1126	0.1184	0.1163	Ave		0.1221			0.1000	6.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-53736-1

Analy Batch No.: 163563

SDG No.: _____

Instrument ID: HP5975T

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/28/2014 19:01

Calibration End Date: 01/28/2014 21:24

Calibration ID: 17309

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Carbon disulfide	++++ 0.9113	0.9613 0.9023	0.8515	0.8281	0.8528	Ave		0.8845			0.1000	5.6	20.0				
Allyl chloride	++++ 0.4973	0.4855 0.4934	0.4500	0.4644	0.4740	Ave		0.4774				3.8	20.0				
Methyl acetate	++++ 0.3202	0.3403 0.3246	0.2960	0.3010	0.3085	Ave		0.3151			0.1000	5.2	20.0				
Methylene Chloride	++++ 0.2922	0.9535 0.2869	0.3495	0.3023	0.2913	Lin1	0.5983	0.2760			0.1000			0.9970		0.9900	
trans-1,2-Dichloroethene	++++ 0.2725	0.2905 0.2698	0.2567	0.2549	0.2596	Ave		0.2673			0.1000	5.0	20.0				
Methyl tert-butyl ether	++++ 0.9543	1.0242 0.9403	0.9238	0.9024	0.9345	Ave		0.9466			0.1000	4.4	20.0				
2-Methyl-2-propanol	++++ 0.0604	0.0496 0.0644	0.0500	0.0546	0.0561	Ave		0.0558				10.0	20.0				
Acrylonitrile	++++ 0.1621	0.1714 0.1638	0.1527	0.1606	0.1561	Ave		0.1611				4.0	20.0				
Hexane	++++ 0.4900	0.7215 0.4823	0.4849	0.4915	0.4656	Ave		0.5226				19.0	20.0				
1,1-Dichloroethane	++++ 0.5681	0.5963 0.5584	0.5324	0.5393	0.5419	Ave		0.5561			0.2000	4.3	20.0				
Vinyl acetate	++++ 0.7418	0.7292 0.7318	0.6937	0.6925	0.7288	Ave		0.7196				2.9	20.0				
2,2-Dichloropropane	++++ 0.3163	0.3607 0.3013	0.3155	0.3017	0.3025	Ave		0.3163				7.2	20.0				
cis-1,2-Dichloroethene	++++ 0.2891	0.3110 0.2870	0.2726	0.2699	0.2739	Ave		0.2839			0.1000	5.4	20.0				
2-Butanone (MEK)	++++ 0.2150	0.2034 0.2135	0.1974	0.2049	0.2102	Ave		0.2074			0.1000	3.2	20.0				
Chlorobromomethane	++++ 0.1389	0.1494 0.1382	0.1330	0.1291	0.1338	Ave		0.1371				5.1	20.0				
Tetrahydrofuran	++++ 0.1447	0.2496 0.1433	0.1496	0.1486	0.1436	Lin1	0.1881	0.1417						1.0000		0.9900	
Chloroform	++++ 0.4935	0.6223 0.4894	0.4853	0.4790	0.4859	Ave		0.5092			0.2000	11.0	20.0				
Cyclohexane	++++ 0.5896	0.6383 0.5899	0.5576	0.5726	0.5560	Ave		0.5840			0.1000	5.2	20.0				
1,1,1-Trichloroethane	++++ 0.4073	0.4520 0.4011	0.3693	0.3759	0.3850	Ave		0.3984			0.1000	7.5	20.0				
Carbon tetrachloride	++++ 0.3508	0.3643 0.3513	0.3198	0.3246	0.3318	Ave		0.3404			0.1000	5.2	20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-53736-1

Analy Batch No.: 163563

SDG No.: _____

Instrument ID: HP5975T

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/28/2014 19:01

Calibration End Date: 01/28/2014 21:24

Calibration ID: 17309

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,1-Dichloropropene	++++ 0.3842	0.3945 0.3820	0.3649	0.3551	0.3658	Ave		0.3744			4.0		20.0				
Benzene	++++ 1.1096	1.2378 1.1071	1.0946	1.0631	1.0824	Ave		1.1158		0.5000	5.6		20.0				
Isobutyl alcohol	++++ 0.0235	0.0227 0.0259	0.0190	0.0208	0.0227	Ave		0.0224			10.0		20.0				
1,2-Dichloroethane	++++ 0.4330	0.4568 0.4249	0.4160	0.4197	0.4257	Ave		0.4293		0.1000	3.4		20.0				
n-Heptane	++++ 0.6129	0.6881 0.5376	0.6071	0.5781	0.6022	Ave		0.6043			8.2		20.0				
Trichloroethene	++++ 0.2809	0.3067 0.2792	0.2650	0.2654	0.2730	Ave		0.2784		0.2000	5.5		20.0				
Methylcyclohexane	++++ 0.5321	0.5903 0.5189	0.5024	0.4881	0.4892	Ave		0.5202		0.1000	7.4		20.0				
1,2-Dichloropropane	++++ 0.3181	0.3475 0.3112	0.2944	0.3046	0.3126	Ave		0.3148		0.1000	5.7		20.0				
Dibromomethane	++++ 0.1856	0.2013 0.1806	0.1698	0.1751	0.1827	Ave		0.1825		0.1000	5.9		20.0				
1,4-Dioxane	++++ 0.0066	0.0040 0.0066	0.0074	0.0065	0.0069	Ave		0.0063			19.0		20.0				
Bromodichloromethane	++++ 0.3922	0.4064 0.3922	0.3588	0.3589	0.3755	Ave		0.3807		0.2000	5.1		20.0				
2-Chloroethyl vinyl ether	++++ 0.2421	0.2280 0.2411	0.2260	0.2415	0.2446	Ave		0.2372			3.4		20.0				
cis-1,3-Dichloropropene	0.4559 0.4887	0.4799 0.4816	0.4393	0.4520	0.4656	Ave		0.4662		0.2000	3.9		20.0				
4-Methyl-2-pentanone (MIBK)	++++ 0.6312	0.7197 0.6176	0.6194	0.6265	0.6381	Ave		0.6421		0.1000	6.0		20.0				
Toluene	++++ 0.9808	1.0881 0.9794	0.9755	0.9658	0.9662	Ave		0.9926		0.4000	4.8		20.0				
trans-1,3-Dichloropropene	0.6387 0.6320	0.6268 0.6376	0.5714	0.5948	0.6227	Ave		0.6177		0.1000	4.1		20.0				
Ethyl methacrylate	++++ 0.6341	0.7063 0.6363	0.5982	0.6380	0.6480	Ave		0.6435			5.5		20.0				
1,1,2-Trichloroethane	++++ 0.3307	0.3890 0.3286	0.3303	0.3170	0.3293	Ave		0.3375		0.1000	7.6		20.0				
Tetrachloroethene	++++ 0.3666	0.4463 0.3688	0.3517	0.3601	0.3648	Ave		0.3764		0.2000	9.2		20.0				
1,3-Dichloropropane	++++ 0.6994	0.7681 0.6902	0.6637	0.6879	0.6971	Ave		0.7011			5.0		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-53736-1

Analy Batch No.: 163563

SDG No.: _____

Instrument ID: HP5975T

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/28/2014 19:01

Calibration End Date: 01/28/2014 21:24

Calibration ID: 17309

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
2-Hexanone	++++ 0.4496	0.4904 0.4342	0.4475	0.4583	0.4665	Ave		0.4577			0.1000	4.2	20.0				
Dibromochloromethane	++++ 0.3962	0.4021 0.4089	0.3401	0.3574	0.3878	Ave		0.3821			0.1000	7.1	20.0				
1,2-Dibromoethane	++++ 0.3953	0.4569 0.3924	0.3704	0.3784	0.3939	Ave		0.3979				7.7	20.0				
Chlorobenzene	++++ 1.0311	1.0618 1.0238	0.9976	0.9942	1.0129	Ave		1.0202			0.5000	2.4	20.0				
1,1,1,2-Tetrachloroethane	++++ 0.3565	0.3626 0.3557	0.3314	0.3471	0.3497	Ave		0.3505				3.1	20.0				
Ethylbenzene	++++ 1.8827	2.0089 1.8393	1.7887	1.7991	1.8406	Ave		1.8599			0.1000	4.3	20.0				
m,p-Xylene	++++ 0.7198	0.8516 0.7135	0.6948	0.6928	0.6900	Ave		0.7271			0.1000	8.6	20.0				
o-Xylene	++++ 0.7093	0.7822 0.6946	0.6759	0.6826	0.6900	Ave		0.7058			0.3000	5.5	20.0				
Styrene	++++ 1.2193	1.2414 1.2107	1.1523	1.1669	1.1780	Ave		1.1948			0.3000	2.9	20.0				
Bromoform	++++ 0.2516	0.2441 0.2635	0.2004	0.2231	0.2428	Ave		0.2376			0.1000	9.5	20.0				
Isopropylbenzene	++++ 3.6845	4.0352 3.6620	3.6351	3.5671	3.5868	Ave		3.6951			0.1000	4.7	20.0				
Bromobenzene	++++ 0.7975	0.8499 0.7944	0.7728	0.7880	0.7993	Ave		0.8003				3.3	20.0				
1,1,2,2-Tetrachloroethane	++++ 1.1825	1.2718 1.1508	1.1501	1.1511	1.1912	Ave		1.1829			0.3000	4.0	20.0				
N-Propylbenzene	++++ 4.4587	4.9975 4.3570	4.3295	4.2688	4.3093	Ave		4.4534				6.2	20.0				
1,2,3-Trichloropropane	++++ 0.3526	0.3996 0.3383	0.3445	0.3505	0.3530	Ave		0.3564				6.1	20.0				
trans-1,4-Dichloro-2-butene	++++ 0.4016	0.3610 0.4112	0.3609	0.3727	0.4028	Ave		0.3850				5.9	20.0				
2-Chlorotoluene	++++ 0.7928	0.8595 0.7777	0.7829	0.7707	0.7593	Ave		0.7905				4.5	20.0				
1,3,5-Trimethylbenzene	++++ 3.1251	3.4715 3.1054	3.0859	2.9939	3.0591	Ave		3.1402				5.4	20.0				
4-Chlorotoluene	++++ 3.0750	3.4374 3.0456	3.0540	3.0092	3.0014	Ave		3.1038				5.3	20.0				
tert-Butylbenzene	++++ 0.6207	0.6237 0.5975	0.5934	0.5619	0.5939	Ave		0.5985				3.7	20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-53736-1

Analy Batch No.: 163563

SDG No.: _____

Instrument ID: HP5975T

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/28/2014 19:01

Calibration End Date: 01/28/2014 21:24

Calibration ID: 17309

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 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	++++ 3.1975	3.6078 3.2045	3.1294	3.0448	3.1262	Ave		3.2184			6.2		20.0				
sec-Butylbenzene	++++ 3.9732	4.1491 3.8977	3.8799	3.7133	3.7914	Ave		3.9008			3.9		20.0				
1,3-Dichlorobenzene	++++ 1.5508	1.7192 1.5682	1.4988	1.5123	1.5109	Ave		1.5600		0.6000	5.3		20.0				
4-Isopropyltoluene	++++ 3.2587	3.3756 3.2053	3.1533	3.0626	3.1353	Ave		3.1985			3.4		20.0				
1,4-Dichlorobenzene	++++ 1.5988	1.7146 1.5853	1.5664	1.5246	1.5651	Ave		1.5925		0.5000	4.1		20.0				
n-Butylbenzene	++++ 3.1603	3.1996 3.1094	2.9723	3.0171	2.9960	Ave		3.0758			3.1		20.0				
1,2-Dichlorobenzene	++++ 1.5091	1.6325 1.4940	1.4781	1.4546	1.4819	Ave		1.5083		0.4000	4.2		20.0				
1,2-Dibromo-3-Chloropropane	++++ 0.2667	0.2369 0.2628	0.2431	0.2511	0.2572	Ave		0.2530		0.0500	4.5		20.0				
1,2,4-Trichlorobenzene	++++ 1.0520	1.0064 1.0012	0.9454	0.9613	0.9872	Ave		0.9922		0.2000	3.8		20.0				
Hexachlorobutadiene	0.6336 0.5214	0.5013 0.5028	0.5361	0.4935	0.4911	Ave		0.5257			9.5		20.0				
Naphthalene	++++ 3.2132	3.0731 3.0101	2.9379	2.8910	3.0553	Ave		3.0301			3.7		20.0				
1,2,3-Trichlorobenzene	++++ 0.9782	0.9660 0.9045	0.8774	0.9078	0.9149	Ave		0.9248			4.2		20.0				
Dibromofluoromethane (Surr)	0.2375 0.2418	0.2356 0.2375	0.2307	0.2364	0.2371	Ave		0.2366			1.4		20.0				
1,2-Dichloroethane-d4 (Surr)	0.3490 0.3480	0.3486 0.3375	0.3410	0.3479	0.3396	Ave		0.3445			1.4		20.0				
Toluene-d8 (Surr)	1.4133 1.4232	1.4305 1.4072	1.4039	1.4293	1.4170	Ave		1.4178			0.7		20.0				
4-Bromofluorobenzene (Surr)	0.3627 0.3648	0.3719 0.3623	0.3650	0.3633	0.3665	Ave		0.3652			0.9		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1 Analy Batch No.: 163563

SDG No.: _____

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/28/2014 19:01 Calibration End Date: 01/28/2014 21:24 Calibration ID: 17309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-163563/5	T7269.D
Level 2	IC 480-163563/6	T7270.D
Level 3	IC 480-163563/7	T7271.D
Level 4	IC 480-163563/8	T7272.D
Level 5	ICIS 480-163563/9	T7273.D
Level 6	IC 480-163563/10	T7274.D
Level 7	IC 480-163563/11	T7275.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	++++ 365293	7834 745776	37299	71218	179724	++++ 50.0	1.00 100	5.00	10.0	25.0
Chloromethane	FB	Ave	++++ 465289	10878 924372	50904	95036	235612	++++ 50.0	1.00 100	5.00	10.0	25.0
Vinyl chloride	FB	Ave	3180 394215	8619 808510	40674	77346	198224	0.400 50.0	1.00 100	5.00	10.0	25.0
Butadiene	FB	Ave	++++ 389259	9536 791798	42601	76810	195827	++++ 50.0	1.00 100	5.00	10.0	25.0
Bromomethane	FB	Ave	++++ 131173	2610 273286	11485	20067	65828	++++ 50.0	1.00 100	5.00	10.0	25.0
Chloroethane	FB	Ave	++++ 177164	2531 382897	17262	30715	86339	++++ 50.0	1.00 100	5.00	10.0	25.0
Trichlorofluoromethane	FB	Ave	++++ 354166	6139 760391	30551	61138	171422	++++ 50.0	1.00 100	5.00	10.0	25.0
Dichlorofluoromethane	FB	Ave	++++ 438200	10092 905034	45590	80133	216394	++++ 50.0	1.00 100	5.00	10.0	25.0
Ethyl ether	FB	Ave	++++ 303550	6581 608751	27573	56798	150163	++++ 50.0	1.00 100	5.00	10.0	25.0
Acrolein	FB	Ave	++++ 357530	8855 729518	33705	64119	179112	++++ 250	5.00 500	25.0	50.0	125
1,1-Dichloroethene	FB	Ave	++++ 248363	6713 504077	24549	48270	123503	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 265074	5067 532920	24265	48764	125845	++++ 50.0	1.00 100	5.00	10.0	25.0
Iodomethane	FB	Ave	++++ 401517	7625 812707	35761	69180	192757	++++ 50.0	1.00 100	5.00	10.0	25.0
Acetone	FB	Ave	++++ 668457	14403 1429776	61683	127919	325675	++++ 250	5.00 500	25.0	50.0	125
Carbon disulfide	FB	Ave	++++ 984557	21040 1986620	93287	178977	477650	++++ 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1 Analy Batch No.: 163563

SDG No.: _____

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/28/2014 19:01 Calibration End Date: 01/28/2014 21:24 Calibration ID: 17309

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Allyl chloride	FB	Ave	++++ 537281	10626 1086302	49297	100369	265485	++++ 50.0	1.00 100	5.00	10.0	25.0
Methyl acetate	FB	Ave	++++ 1729813	37242 3573246	162131	325309	864013	++++ 250	5.00 500	25.0	50.0	125
Methylene Chloride	FB	Lin1	++++ 315712	20868 631622	38289	65337	163176	++++ 50.0	1.00 100	5.00	10.0	25.0
trans-1,2-Dichloroethene	FB	Ave	++++ 294431	6358 593958	28118	55096	145433	++++ 50.0	1.00 100	5.00	10.0	25.0
Methyl tert-butyl ether	FB	Ave	++++ 1031045	22417 2070391	101209	195040	523413	++++ 50.0	1.00 100	5.00	10.0	25.0
2-Methyl-2-propanol	FB	Ave	++++ 652341	10858 1416929	54809	118005	314230	++++ 500	10.0 1000	50.0	100	250
Acrylonitrile	FB	Ave	++++ 1751218	37520 3607295	167314	347153	874119	++++ 500	10.0 1000	50.0	100	250
Hexane	FB	Ave	++++ 529341	15792 1061866	53122	106231	260772	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1-Dichloroethane	FB	Ave	++++ 613730	13050 1229480	58322	116569	303535	++++ 50.0	1.00 100	5.00	10.0	25.0
Vinyl acetate	FB	Ave	++++ 1602873	31918 3222436	151998	299353	816400	++++ 100	2.00 200	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 341673	7895 663377	34566	65199	169431	++++ 50.0	1.00 100	5.00	10.0	25.0
cis-1,2-Dichloroethene	FB	Ave	++++ 312313	6806 631907	29866	58337	153410	++++ 50.0	1.00 100	5.00	10.0	25.0
2-Butanone (MEK)	FB	Ave	++++ 1161454	22259 2350553	108103	221437	588621	++++ 250	5.00 500	25.0	50.0	125
Chlorobromomethane	FB	Ave	++++ 150115	3269 304394	14576	27895	74952	++++ 50.0	1.00 100	5.00	10.0	25.0
Tetrahydrofuran	FB	Lin1	++++ 312695	10924 630967	32775	64215	160921	++++ 100	2.00 200	10.0	20.0	50.0
Chloroform	FB	Ave	++++ 533143	13620 1077453	53170	103529	272144	++++ 50.0	1.00 100	5.00	10.0	25.0
Cyclohexane	FB	Ave	++++ 637005	13971 1298896	61086	123766	311425	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,1-Trichloroethane	FB	Ave	++++ 440009	9892 883028	40453	81249	215644	++++ 50.0	1.00 100	5.00	10.0	25.0
Carbon tetrachloride	FB	Ave	++++ 379014	7973 773460	35037	70148	185865	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1-Dichloropropene	FB	Ave	++++ 415119	8634 841185	39974	76746	204891	++++ 50.0	1.00 100	5.00	10.0	25.0
Benzene	FB	Ave	++++ 1198792	27091 2437542	119917	229780	606285	++++ 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1 Analy Batch No.: 163563

SDG No.: _____

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/28/2014 19:01 Calibration End Date: 01/28/2014 21:24 Calibration ID: 17309

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Isobutyl alcohol	FB	Ave	++++ 634990	12422 1426932	52132	112336	318055	++++ 1250	25.0 2500	125	250	625
1,2-Dichloroethane	FB	Ave	++++ 467823	9998 935446	45569	90715	238419	++++ 50.0	1.00 100	5.00	10.0	25.0
n-Heptane	FB	Ave	++++ 662140	15060 1183573	66515	124943	337298	++++ 50.0	1.00 100	5.00	10.0	25.0
Trichloroethene	FB	Ave	++++ 303527	6713 614707	29029	57370	152931	++++ 50.0	1.00 100	5.00	10.0	25.0
Methylcyclohexane	FB	Ave	++++ 574832	12920 1142425	55036	105487	274032	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichloropropane	FB	Ave	++++ 343663	7606 685144	32257	65841	175118	++++ 50.0	1.00 100	5.00	10.0	25.0
Dibromomethane	FB	Ave	++++ 200531	4406 397719	18597	37849	102341	++++ 50.0	1.00 100	5.00	10.0	25.0
1,4-Dioxane	CBZ	Ave	++++ 97753	1170 196966	11003	19212	52415	++++ 1000	20.0 2000	100	200	500
Bromodichloromethane	FB	Ave	++++ 423767	8895 863563	39310	77573	210347	++++ 50.0	1.00 100	5.00	10.0	25.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 261571	4990 530758	24757	52198	137016	++++ 50.0	1.00 100	5.00	10.0	25.0
cis-1,3-Dichloropropene	FB	Ave	4010 527969	10503 1060352	48128	97701	260809	0.400 50.0	1.00 100	5.00	10.0	25.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	++++ 2333541	52837 4641714	229539	460965	1216453	++++ 250	5.00 500	25.0	50.0	125
Toluene	CBZ	Ave	++++ 725256	15978 1472168	72296	142122	368373	++++ 50.0	1.00 100	5.00	10.0	25.0
trans-1,3-Dichloropropene	CBZ	Ave	3673 467315	9204 958361	42351	87526	237405	0.400 50.0	1.00 100	5.00	10.0	25.0
Ethyl methacrylate	CBZ	Ave	++++ 468901	10371 956409	44334	93879	247049	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,2-Trichloroethane	CBZ	Ave	++++ 244519	5712 493983	24483	46650	125557	++++ 50.0	1.00 100	5.00	10.0	25.0
Tetrachloroethene	CBZ	Ave	++++ 271079	6554 554396	26067	52982	139077	++++ 50.0	1.00 100	5.00	10.0	25.0
1,3-Dichloropropane	CBZ	Ave	++++ 517128	11278 1037394	49188	101228	265792	++++ 50.0	1.00 100	5.00	10.0	25.0
2-Hexanone	CBZ	Ave	++++ 1662216	36005 3263035	165814	337208	889298	++++ 250	5.00 500	25.0	50.0	125
Dibromochloromethane	CBZ	Ave	++++ 287085	5786 602329	24703	51536	144889	++++ 49.0	0.980 98.0	4.90	9.80	24.5
1,2-Dibromoethane	CBZ	Ave	++++ 292296	6709 589815	27451	55678	150193	++++ 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1 Analy Batch No.: 163563

SDG No.: _____

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/28/2014 19:01 Calibration End Date: 01/28/2014 21:24 Calibration ID: 17309

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobenzene	CBZ	Ave	++++ 762383	15591 1538830	73932	146291	386198	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	++++ 263600	5324 534628	24561	51068	133346	++++ 50.0	1.00 100	5.00	10.0	25.0
Ethylbenzene	CBZ	Ave	++++ 1392099	29499 2764717	132566	264735	701778	++++ 50.0	1.00 100	5.00	10.0	25.0
m,p-Xylene	CBZ	Ave	++++ 532256	12505 1072473	51496	101949	263068	++++ 50.0	1.00 100	5.00	10.0	25.0
o-Xylene	CBZ	Ave	++++ 524491	11485 1044058	50096	100450	263070	++++ 50.0	1.00 100	5.00	10.0	25.0
Styrene	CBZ	Ave	++++ 901575	18228 1819836	85399	171706	449121	++++ 50.0	1.00 100	5.00	10.0	25.0
Bromoform	CBZ	Ave	++++ 186030	3584 396125	14855	32825	92564	++++ 50.0	1.00 100	5.00	10.0	25.0
Isopropylbenzene	DCB	Ave	++++ 1383242	30112 2805322	135667	265659	688442	++++ 50.0	1.00 100	5.00	10.0	25.0
Bromobenzene	DCB	Ave	++++ 299409	6342 608593	28843	58685	153423	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,2,2-Tetrachloroethane	DCB	Ave	++++ 443946	9491 881595	42923	85726	228633	++++ 50.0	1.00 100	5.00	10.0	25.0
N-Propylbenzene	DCB	Ave	++++ 1673881	37293 3337727	161581	317912	827115	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,3-Trichloropropane	DCB	Ave	++++ 132360	2982 259196	12857	26104	67748	++++ 50.0	1.00 100	5.00	10.0	25.0
trans-1,4-Dichloro-2-butene	DCB	Ave	++++ 150762	2694 314993	13468	27756	77318	++++ 50.0	1.00 100	5.00	10.0	25.0
2-Chlorotoluene	DCB	Ave	++++ 297631	6414 595773	29217	57394	145741	++++ 50.0	1.00 100	5.00	10.0	25.0
1,3,5-Trimethylbenzene	DCB	Ave	++++ 1173209	25906 2378971	115169	222969	587154	++++ 50.0	1.00 100	5.00	10.0	25.0
4-Chlorotoluene	DCB	Ave	++++ 1154393	25651 2333143	113979	224108	576090	++++ 50.0	1.00 100	5.00	10.0	25.0
tert-Butylbenzene	DCB	Ave	++++ 233023	4654 457715	22148	41847	113988	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,4-Trimethylbenzene	DCB	Ave	++++ 1200414	26923 2454836	116792	226759	600049	++++ 50.0	1.00 100	5.00	10.0	25.0
sec-Butylbenzene	DCB	Ave	++++ 1491615	30962 2985939	144803	276546	727714	++++ 50.0	1.00 100	5.00	10.0	25.0
1,3-Dichlorobenzene	DCB	Ave	++++ 582180	12829 1201327	55935	112625	289995	++++ 50.0	1.00 100	5.00	10.0	25.0
4-Isopropyltoluene	DCB	Ave	++++ 1223383	25190 2455514	117686	228087	601780	++++ 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1 Analy Batch No.: 163563

SDG No.: _____

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/28/2014 19:01 Calibration End Date: 01/28/2014 21:24 Calibration ID: 17309

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCB	Ave	++++ 600219	12795 1214483	58459	113546	300398	++++ 50.0	1.00 100	5.00	10.0	25.0
n-Butylbenzene	DCB	Ave	++++ 1186419	23877 2382012	110930	224693	575040	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichlorobenzene	DCB	Ave	++++ 566532	12182 1144514	55163	108328	284430	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	++++ 100121	1768 201297	9073	18701	49366	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,4-Trichlorobenzene	DCB	Ave	++++ 394928	7510 766996	35285	71592	189479	++++ 50.0	1.00 100	5.00	10.0	25.0
Hexachlorobutadiene	DCB	Ave	1806 195744	3741 385204	20006	36752	94254	0.400 50.0	1.00 100	5.00	10.0	25.0
Naphthalene	DCB	Ave	++++ 1206291	22933 2305948	109645	215303	586435	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,3-Trichlorobenzene	DCB	Ave	++++ 367248	7209 692946	32745	67609	175604	++++ 50.0	1.00 100	5.00	10.0	25.0
Dibromofluoromethane (Surr)	FB	Ave	130563 130601	128925 130716	126359	127719	132784	25.0 25.0	25.0 25.0	25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	191844 187965	190756 185784	186768	187962	190226	25.0 25.0	25.0 25.0	25.0	25.0	25.0
Toluene-d8 (Surr)	CBZ	Ave	508008 526178	525130 528777	520252	525807	540244	25.0 25.0	25.0 25.0	25.0	25.0	25.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	130374 134855	136540 136153	135245	133652	139728	25.0 25.0	25.0 25.0	25.0	25.0	25.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7269.D
 Lims ID: IC 0.4 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 28-Jan-2014 19:01:30 ALS Bottle#: 3 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 0.4
 Misc. Info.: 480-0029103-005
 Operator ID: RAL Instrument ID: HP5975T
 Sublist: chrom-T-8260*sub48
 Method: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 30-Jan-2014 16:55:06 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: HillL

Date: 29-Jan-2014 16:20:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.336	-0.001	98	549729	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	88	359442	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	97	178160	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	3.869	3.869	0.0	57	130563	25.1	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	191844	25.3	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	93	508008	24.9	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	130374	24.8	
11 Dichlorodifluoromethane	85		0.905					
13 Chloromethane	50		1.019					
14 Vinyl chloride	62	1.102	1.102	0.0	51	3180	0.3938	
151 Butadiene	54		1.123					
15 Bromomethane	94		1.320					
16 Chloroethane	64		1.403					
18 Dichlorofluoromethane	67		1.558					
17 Trichlorofluoromethane	101		1.558					
19 Ethyl ether	59		1.797					
21 Acrolein	56		1.952					
22 1,1-Dichloroethene	96		1.962					
20 1,1,2-Trichloro-1,2,2-trifluoro	101		1.973					
24 Iodomethane	142		2.107					
23 Acetone	43		2.107					
25 Carbon disulfide	76		2.128					
27 3-Chloro-1-propene	41		2.304					
28 Methyl acetate	43		2.367					
30 Methylene Chloride	84		2.439					
32 trans-1,2-Dichloroethene	96		2.636					
33 Methyl tert-butyl ether	73		2.636					
31 2-Methyl-2-propanol	59		2.636					
34 Acrylonitrile	53		2.709					
35 Hexane	57		2.802					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
36 1,1-Dichloroethane	63		2.999					
39 Vinyl acetate	43		3.071					
42 2,2-Dichloropropane	77		3.444					
43 cis-1,2-Dichloroethene	96		3.475					
44 2-Butanone (MEK)	43		3.527					
47 Chlorobromomethane	128		3.672					
48 Tetrahydrofuran	42		3.703					
50 Chloroform	83		3.734					
52 Cyclohexane	56		3.817					
51 1,1,1-Trichloroethane	97		3.817					
53 Carbon tetrachloride	117		3.931					
54 1,1-Dichloropropene	75		3.942					
55 Benzene	78		4.118					
57 1,2-Dichloroethane	62		4.170					
56 Isobutyl alcohol	43		4.170					
59 n-Heptane	43		4.263					
60 Trichloroethene	95		4.605					
62 Methylcyclohexane	83		4.688					
63 1,2-Dichloropropane	63		4.802					
65 Dibromomethane	93		4.905					
66 1,4-Dioxane	88		4.937					
67 Dichlorobromomethane	83		5.019					
69 2-Chloroethyl vinyl ether	63		5.258					
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.0	53	4010	0.3912	
72 4-Methyl-2-pentanone (MIBK)	43		5.475					
73 Toluene	92		5.569					
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.0	51	3673	0.4136	
77 Ethyl methacrylate	69		5.838					
78 1,1,2-Trichloroethane	83		5.931					
79 Tetrachloroethene	166		5.963					
80 1,3-Dichloropropane	76		6.045					
81 2-Hexanone	43		6.118					
82 Chlorodibromomethane	129		6.222					
83 Ethylene Dibromide	107		6.294					
86 Chlorobenzene	112		6.657					
89 1,1,1,2-Tetrachloroethane	131		6.729					
88 Ethylbenzene	91		6.729					
90 m-Xylene & p-Xylene	106		6.823					
91 o-Xylene	106		7.134					
92 Styrene	104		7.154					
93 Bromoform	173		7.330					
95 Isopropylbenzene	105		7.424					
97 Bromobenzene	156		7.683					
98 1,1,2,2-Tetrachloroethane	83		7.735					
99 N-Propylbenzene	91		7.745					
100 1,2,3-Trichloropropane	110		7.755					
101 trans-1,4-Dichloro-2-butene	53		7.766					
105 2-Chlorotoluene	126		7.828					
104 1,3,5-Trimethylbenzene	105		7.890					
102 4-Chlorotoluene	91		7.911					
106 tert-Butylbenzene	134		8.149					
107 1,2,4-Trimethylbenzene	105		8.191					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
109 sec-Butylbenzene	105		8.325					
110 1,3-Dichlorobenzene	146		8.429					
111 4-Isopropyltoluene	119		8.450					
113 1,4-Dichlorobenzene	146		8.512					
115 n-Butylbenzene	91		8.781					
116 1,2-Dichlorobenzene	146		8.812					
117 1,2-Dibromo-3-Chloropropane	75		9.486					
119 1,2,4-Trichlorobenzene	180		10.128					
120 Hexachlorobutadiene	225	10.242	10.242	0.0	30	1806	0.4821	
121 Naphthalene	128		10.336					
122 1,2,3-Trichlorobenzene	180		10.533					
S 125 Total BTEX	1		30.000					
S 126 Xylenes, Total	1		30.000					
S 123 1,3-Dichloropropene, Total	1				0		0.8048	
S 124 1,2-Dichloroethene, Total	1		30.000					

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7269.D

Injection Date: 28-Jan-2014 19:01:30

Instrument ID: HP5975T

Operator ID: RAL

Lims ID: IC 0.4

Lab Sample ID:

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

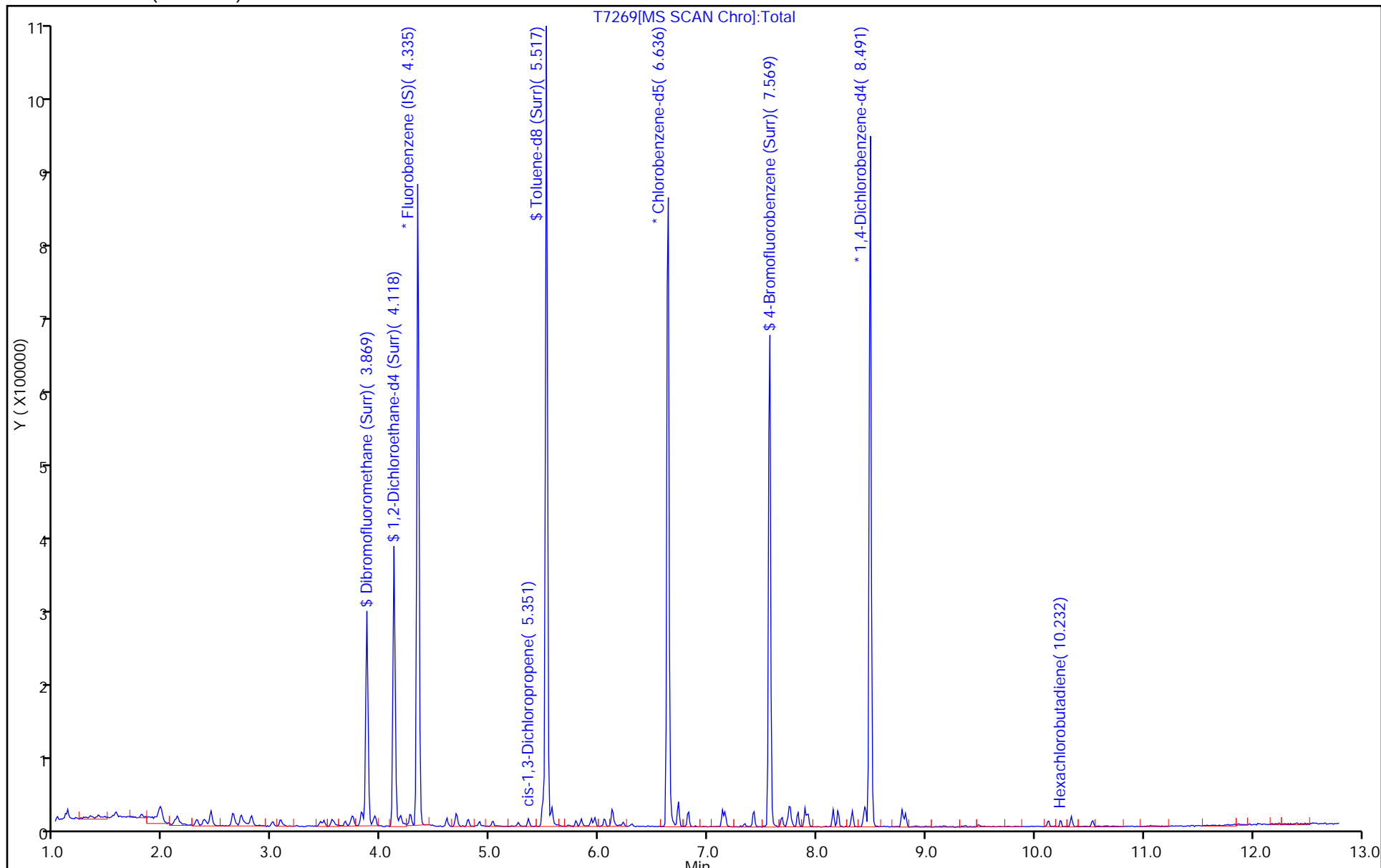
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7270.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 28-Jan-2014 19:25:30 ALS Bottle#: 4 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC
 Misc. Info.: 480-0029103-006
 Operator ID: RAL Instrument ID: HP5975T
 Sublist: chrom-T-8260*sub48
 Method: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 30-Jan-2014 16:55:09 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: HILL

Date: 29-Jan-2014 16:20:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.336	-0.001	98	547157	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	87	367096	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	97	186560	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	3.869	3.869	0.0	57	128925	24.9	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	190756	25.3	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	92	525130	25.2	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	136540	25.5	
11 Dichlorodifluoromethane	85	0.916	0.905	0.011	73	7834	1.06	
13 Chloromethane	50	1.019	1.019	0.0	82	10878	1.12	
14 Vinyl chloride	62	1.102	1.102	0.0	63	8619	1.07	
151 Butadiene	54	1.123	1.123	0.0	89	9536	1.16	
15 Bromomethane	94	1.320	1.320	0.0	77	2610	1.05	
16 Chloroethane	64	1.392	1.403	-0.011	72	2531	0.7647	
18 Dichlorofluoromethane	67	1.558	1.558	0.0	71	10092	1.13	
17 Trichlorofluoromethane	101	1.558	1.558	0.0	48	6139	0.9240	
19 Ethyl ether	59	1.796	1.797	-0.001	83	6581	1.10	
21 Acrolein	56	1.962	1.952	0.010	59	8855	6.10	
22 1,1-Dichloroethene	96	1.962	1.962	0.0	92	6713	1.28	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.973	1.973	0.0	50	5067	1.00	
24 Iodomethane	142	2.107	2.107	0.0	62	7625	1.01	
23 Acetone	43	2.118	2.107	0.011	60	14403	5.39	
25 Carbon disulfide	76	2.128	2.128	0.0	98	21040	1.09	
27 3-Chloro-1-propene	41	2.304	2.304	0.0	84	10626	1.02	
28 Methyl acetate	43	2.377	2.367	0.010	95	37242	5.40	
30 Methylene Chloride	84	2.439	2.439	0.0	90	20868	1.29	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	86	6358	1.09	
33 Methyl tert-butyl ether	73	2.646	2.636	0.010	90	22417	1.08	
31 2-Methyl-2-propanol	59	2.667	2.636	0.031	71	10858	8.88	
34 Acrylonitrile	53	2.719	2.709	0.011	95	37520	10.6	
35 Hexane	57	2.802	2.802	0.0	90	15792	1.38	

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	2.999	0.0	60	13050	1.07	
39 Vinyl acetate	43	3.071	3.071	0.0	95	31918	2.03	
42 2,2-Dichloropropane	77	3.444	3.444	0.0	68	7895	1.14	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	50	6806	1.10	
44 2-Butanone (MEK)	43	3.548	3.527	0.021	95	22259	4.90	
47 Chlorobromomethane	128	3.672	3.672	0.0	81	3269	1.09	
48 Tetrahydrofuran	42	3.714	3.703	0.011	79	10924	2.19	
50 Chloroform	83	3.734	3.734	0.0	72	13620	1.22	
52 Cyclohexane	56	3.817	3.817	0.0	86	13971	1.09	
51 1,1,1-Trichloroethane	97	3.817	3.817	0.0	75	9892	1.13	
53 Carbon tetrachloride	117	3.931	3.931	0.0	68	7973	1.07	
54 1,1-Dichloropropene	75	3.952	3.942	0.010	77	8634	1.05	
55 Benzene	78	4.118	4.118	0.0	46	27091	1.11	
57 1,2-Dichloroethane	62	4.180	4.170	0.010	74	9998	1.06	
56 Isobutyl alcohol	43	4.190	4.170	0.020	78	12422	25.3	
59 n-Heptane	43	4.263	4.263	0.0	89	15060	1.14	
60 Trichloroethene	95	4.605	4.605	0.0	77	6713	1.10	
62 Methylcyclohexane	83	4.688	4.688	0.0	90	12920	1.13	
63 1,2-Dichloropropane	63	4.802	4.802	0.0	84	7606	1.10	
65 Dibromomethane	93	4.905	4.905	0.0	73	4406	1.10	
66 1,4-Dioxane	88	4.947	4.937	0.010	50	1170	12.6	
67 Dichlorobromomethane	83	5.030	5.019	0.011	80	8895	1.07	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.0	77	4990	0.9611	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.0	60	10503	1.03	
72 4-Methyl-2-pentanone (MIBK)	43	5.486	5.475	0.011	95	52837	5.60	
73 Toluene	92	5.569	5.569	0.0	91	15978	1.10	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.0	70	9204	1.01	
77 Ethyl methacrylate	69	5.838	5.838	0.0	81	10371	1.10	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.0	74	5712	1.15	
79 Tetrachloroethene	166	5.962	5.963	0.0	84	6554	1.19	
80 1,3-Dichloropropane	76	6.045	6.045	0.0	80	11278	1.10	
81 2-Hexanone	43	6.118	6.118	0.0	97	36005	5.36	
82 Chlorodibromomethane	129	6.221	6.222	-0.001	66	5786	1.03	
83 Ethylene Dibromide	107	6.294	6.294	0.0	61	6709	1.15	
86 Chlorobenzene	112	6.657	6.657	0.0	82	15591	1.04	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.0	28	5324	1.03	
88 Ethylbenzene	91	6.729	6.729	0.0	97	29499	1.08	
90 m-Xylene & p-Xylene	106	6.823	6.823	-0.001	0	12505	1.17	
91 o-Xylene	106	7.133	7.134	-0.001	89	11485	1.11	
92 Styrene	104	7.154	7.154	0.0	87	18228	1.04	
93 Bromoform	173	7.330	7.330	0.0	63	3584	1.03	
95 Isopropylbenzene	105	7.424	7.424	0.0	87	30112	1.09	
97 Bromobenzene	156	7.683	7.683	0.0	92	6342	1.06	
98 1,1,2,2-Tetrachloroethane	83	7.734	7.735	-0.001	65	9491	1.08	
99 N-Propylbenzene	91	7.745	7.745	0.0	97	37293	1.12	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.0	61	2982	1.12	
101 trans-1,4-Dichloro-2-butene	53	7.766	7.766	0.0	59	2694	0.9376	
105 2-Chlorotoluene	126	7.828	7.828	0.0	88	6414	1.09	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.0	88	25906	1.11	
102 4-Chlorotoluene	91	7.921	7.911	0.010	92	25651	1.11	
106 tert-Butylbenzene	134	8.149	8.149	0.0	84	4654	1.04	
107 1,2,4-Trimethylbenzene	105	8.190	8.191	-0.001	86	26923	1.12	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.0	85	30962	1.06	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.0	89	12829	1.10	
111 4-Isopropyltoluene	119	8.450	8.450	0.0	90	25190	1.06	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.0	79	12795	1.08	
115 n-Butylbenzene	91	8.781	8.781	0.0	90	23877	1.04	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.0	86	12182	1.08	
117 1,2-Dibromo-3-Chloropropane	75	9.486	9.486	0.0	25	1768	0.9366	
119 1,2,4-Trichlorobenzene	180	10.128	10.128	0.0	76	7510	1.01	
120 Hexachlorobutadiene	225	10.242	10.242	0.0	65	3741	0.9537	
121 Naphthalene	128	10.336	10.336	0.0	91	22933	1.01	
122 1,2,3-Trichlorobenzene	180	10.532	10.533	-0.001	77	7209	1.04	
S 125 Total BTEX	1				0		5.57	
S 126 Xylenes, Total	1				0		2.28	
S 123 1,3-Dichloropropene, Total	1				0		2.04	
S 124 1,2-Dichloroethene, Total	1				0		2.18	

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7270.D

Injection Date: 28-Jan-2014 19:25:30

Instrument ID: HP5975T

Operator ID: RAL

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

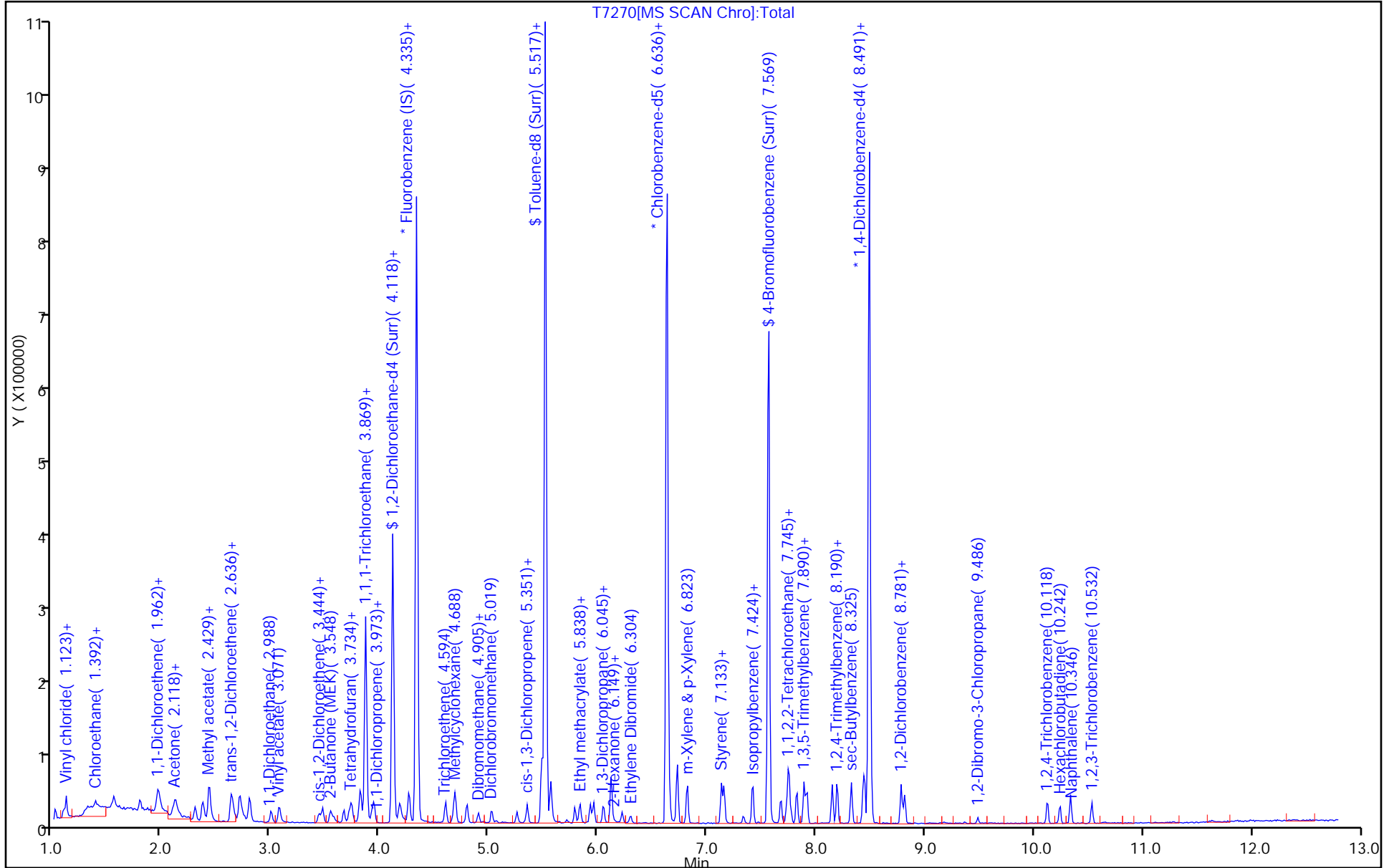
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7271.D
 Lims ID: IC 2 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 28-Jan-2014 19:49:30 ALS Bottle#: 5 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 2
 Misc. Info.: 480-0029103-007
 Operator ID: RAL Instrument ID: HP5975T
 Sublist: chrom-T-8260*sub48
 Method: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 30-Jan-2014 16:55:12 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: HILL

Date: 29-Jan-2014 16:21:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.336	-0.001	98	547765	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	87	370567	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	96	186605	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	3.869	3.869	0.0	57	126359	24.4	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	186768	24.7	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	92	520252	24.8	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	85	135245	25.0	
11 Dichlorodifluoromethane	85	0.916	0.905	0.011	86	37299	5.04	
13 Chloromethane	50	1.030	1.019	0.011	88	50904	5.22	
14 Vinyl chloride	62	1.102	1.102	0.0	83	40674	5.06	
151 Butadiene	54	1.123	1.123	0.0	92	42601	5.19	
15 Bromomethane	94	1.320	1.320	0.0	84	11485	4.63	
16 Chloroethane	64	1.403	1.403	0.0	91	17262	5.21	
18 Dichlorofluoromethane	67	1.568	1.558	0.010	80	45590	5.09	
17 Trichlorofluoromethane	101	1.558	1.558	0.0	57	30551	4.59	
19 Ethyl ether	59	1.796	1.797	-0.001	93	27573	4.60	
21 Acrolein	56	1.962	1.952	0.010	92	33705	23.2	
22 1,1-Dichloroethene	96	1.973	1.962	0.011	93	24549	4.69	
20 1,1,2-Trichloro-1,2,2-trifluoro	101	1.973	1.973	0.0	90	24265	4.78	
24 Iodomethane	142	2.107	2.107	0.0	98	35761	4.71	
23 Acetone	43	2.118	2.107	0.011	92	61683	23.1	
25 Carbon disulfide	76	2.128	2.128	0.0	99	93287	4.81	
27 3-Chloro-1-propene	41	2.304	2.304	0.0	91	49297	4.71	
28 Methyl acetate	43	2.377	2.367	0.010	97	162131	23.5	
30 Methylene Chloride	84	2.439	2.439	0.0	89	38289	4.16	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	89	28118	4.80	
33 Methyl tert-butyl ether	73	2.646	2.636	0.010	93	101209	4.88	
31 2-Methyl-2-propanol	59	2.646	2.636	0.010	50	54809	44.8	
34 Acrylonitrile	53	2.708	2.709	0.0	98	167314	47.4	
35 Hexane	57	2.812	2.802	0.010	88	53122	4.64	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	2.999	0.0	83	58322	4.79	
39 Vinyl acetate	43	3.071	3.071	0.0	97	151998	9.64	
42 2,2-Dichloropropane	77	3.444	3.444	0.0	87	34566	4.99	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	69	29866	4.80	
44 2-Butanone (MEK)	43	3.537	3.527	0.010	99	108103	23.8	
47 Chlorobromomethane	128	3.672	3.672	0.0	89	14576	4.85	
48 Tetrahydrofuran	42	3.714	3.703	0.011	87	32775	9.23	
50 Chloroform	83	3.745	3.734	0.011	82	53170	4.77	
52 Cyclohexane	56	3.817	3.817	0.0	90	61086	4.77	
51 1,1,1-Trichloroethane	97	3.817	3.817	0.0	85	40453	4.63	
53 Carbon tetrachloride	117	3.931	3.931	0.0	81	35037	4.70	
54 1,1-Dichloropropene	75	3.942	3.942	0.0	89	39974	4.87	
55 Benzene	78	4.118	4.118	0.0	73	119917	4.91	
57 1,2-Dichloroethane	62	4.180	4.170	0.010	86	45569	4.84	
56 Isobutyl alcohol	43	4.180	4.170	0.010	94	52132	106.0	
59 n-Heptane	43	4.263	4.263	0.0	95	66515	5.02	
60 Trichloroethene	95	4.605	4.605	0.0	95	29029	4.76	
62 Methylcyclohexane	83	4.688	4.688	0.0	93	55036	4.83	
63 1,2-Dichloropropane	63	4.802	4.802	0.0	92	32257	4.68	
65 Dibromomethane	93	4.905	4.905	0.0	87	18597	4.65	
66 1,4-Dioxane	88	4.936	4.937	-0.001	79	11003	117.3	M
67 Dichlorobromomethane	83	5.030	5.019	0.011	90	39310	4.71	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.0	89	24757	4.76	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.0	85	48128	4.71	
72 4-Methyl-2-pentanone (MIBK)	43	5.486	5.475	0.011	96	229539	24.1	
73 Toluene	92	5.569	5.569	0.0	97	72296	4.91	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.0	91	42351	4.63	
77 Ethyl methacrylate	69	5.838	5.838	0.0	90	44334	4.65	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.0	87	24483	4.89	
79 Tetrachloroethene	166	5.962	5.963	0.0	84	26067	4.67	
80 1,3-Dichloropropane	76	6.045	6.045	0.0	94	49188	4.73	
81 2-Hexanone	43	6.118	6.118	0.0	96	165814	24.4	
82 Chlorodibromomethane	129	6.221	6.222	-0.001	85	24703	4.36	
83 Ethylene Dibromide	107	6.294	6.294	0.0	95	27451	4.65	
86 Chlorobenzene	112	6.657	6.657	0.0	90	73932	4.89	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.0	38	24561	4.73	
88 Ethylbenzene	91	6.729	6.729	0.0	99	132566	4.81	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.0	0	51496	4.78	
91 o-Xylene	106	7.133	7.134	-0.001	98	50096	4.79	
92 Styrene	104	7.154	7.154	0.0	94	85399	4.82	
93 Bromoform	173	7.341	7.330	0.011	90	14855	4.22	
95 Isopropylbenzene	105	7.424	7.424	0.0	96	135667	4.92	
97 Bromobenzene	156	7.683	7.683	0.0	96	28843	4.83	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.735	-0.011	77	42923	4.86	
99 N-Propylbenzene	91	7.745	7.745	0.0	99	161581	4.86	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.0	80	12857	4.83	
101 trans-1,4-Dichloro-2-butene	53	7.766	7.766	0.0	73	13468	4.69	
105 2-Chlorotoluene	126	7.828	7.828	0.0	94	29217	4.95	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.0	92	115169	4.91	
102 4-Chlorotoluene	91	7.911	7.911	0.0	99	113979	4.92	
106 tert-Butylbenzene	134	8.149	8.149	0.0	91	22148	4.96	
107 1,2,4-Trimethylbenzene	105	8.190	8.191	-0.001	96	116792	4.86	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.0	94	144803	4.97	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.0	93	55935	4.80	
111 4-Isopropyltoluene	119	8.450	8.450	0.0	96	117686	4.93	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.0	82	58459	4.92	
115 n-Butylbenzene	91	8.781	8.781	0.0	97	110930	4.83	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.0	89	55163	4.90	
117 1,2-Dibromo-3-Chloropropane	75	9.486	9.486	0.0	58	9073	4.81	
119 1,2,4-Trichlorobenzene	180	10.128	10.128	0.0	92	35285	4.76	
120 Hexachlorobutadiene	225	10.242	10.242	0.0	90	20006	5.10	
121 Naphthalene	128	10.336	10.336	0.0	97	109645	4.85	
122 1,2,3-Trichlorobenzene	180	10.533	10.533	-0.001	90	32745	4.74	
S 125 Total BTEX	1				0		24.2	
S 126 Xylenes, Total	1				0		9.57	
S 123 1,3-Dichloropropene, Total	1				0		9.34	
S 124 1,2-Dichloroethene, Total	1				0		9.60	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7271.D

Injection Date: 28-Jan-2014 19:49:30

Instrument ID: HP5975T

Operator ID: RAL

Lims ID: IC 2

Lab Sample ID:

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

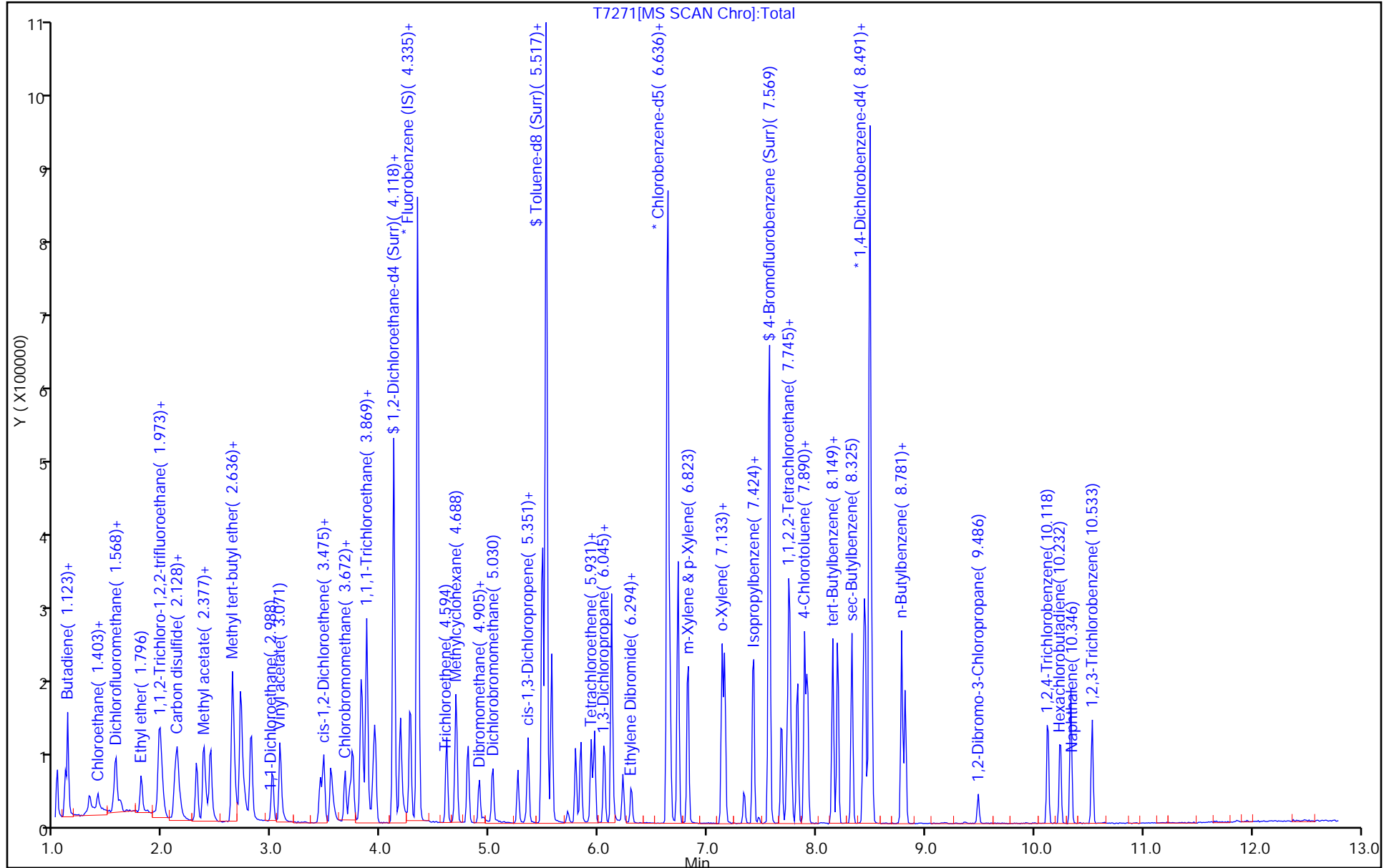
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



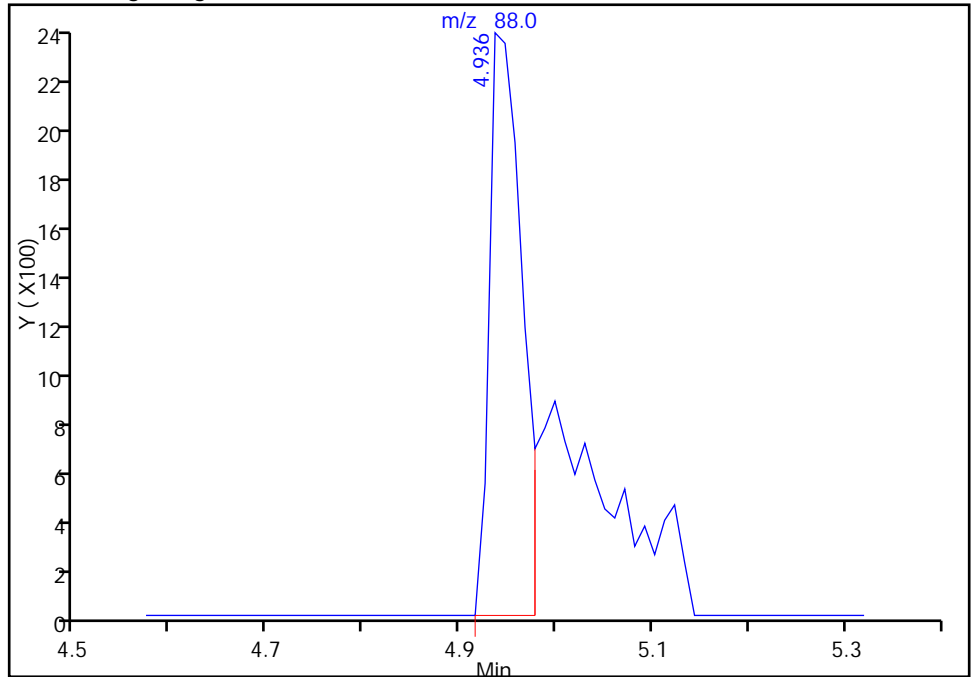
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7271.D
Injection Date: 28-Jan-2014 19:49:30 Instrument ID: HP5975T
Lims ID: IC 2 Lab Sample ID:
Client ID:
Operator ID: RAL ALS Bottle#: 5 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: T-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

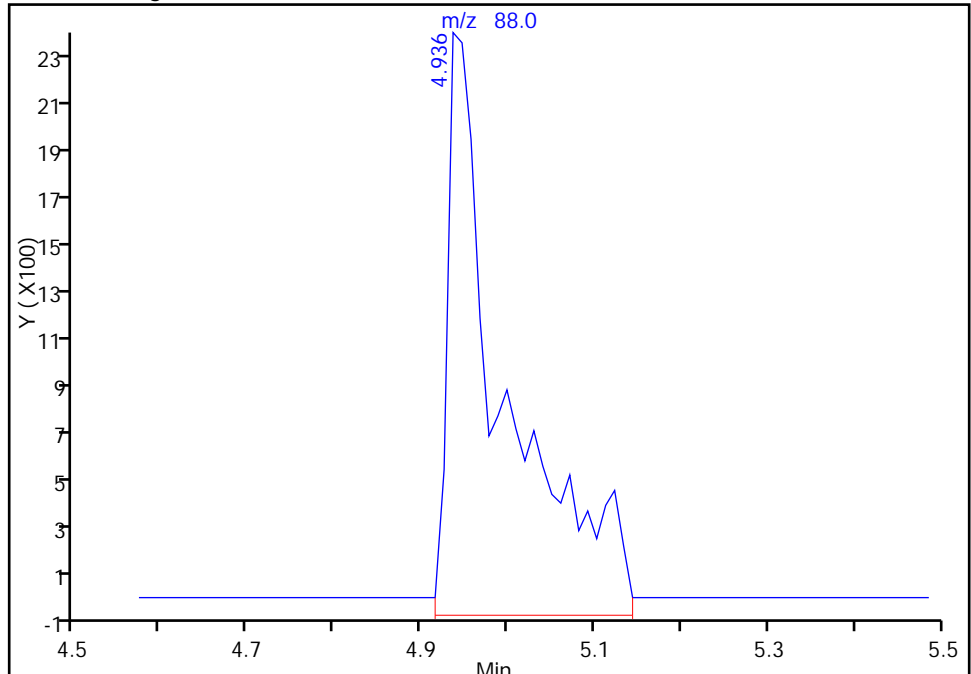
RT: 4.94
Response: 5456
Amount: 69.133697

Processing Integration Results



RT: 4.94
Response: 11003
Amount: 117.2960

Manual Integration Results



Reviewer: HillL, 29-Jan-2014 15:29:37
Audit Action: Manually Integrated
Audit Reason: Peak Tail

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7272.D
 Lims ID: IC 3 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 28-Jan-2014 20:13:30 ALS Bottle#: 6 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 3
 Misc. Info.: 480-0029103-008
 Operator ID: RAL Instrument ID: HP5975T
 Sublist: chrom-T-8260*sub48
 Method: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 30-Jan-2014 16:55:15 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: Hilll

Date: 29-Jan-2014 16:21:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.0	98	540330	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	88	367870	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	86	186185	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	3.869	3.869	0.0	57	127719	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	187962	25.2	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	91	525807	25.2	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	133652	24.9	
11 Dichlorodifluoromethane	85	0.916	0.916	0.0	88	71218	9.76	
13 Chloromethane	50	1.030	1.030	0.0	88	95036	9.87	
14 Vinyl chloride	62	1.102	1.102	0.0	83	77346	9.75	
151 Butadiene	54	1.123	1.123	0.0	90	76810	9.48	
15 Bromomethane	94	1.320	1.320	0.0	89	20067	8.19	
16 Chloroethane	64	1.403	1.403	0.0	95	30715	9.40	
18 Dichlorofluoromethane	67	1.568	1.568	0.0	82	80133	9.08	
17 Trichlorofluoromethane	101	1.568	1.568	0.0	56	61138	9.32	
19 Ethyl ether	59	1.796	1.796	0.0	92	56798	9.61	
21 Acrolein	56	1.962	1.962	0.0	98	64119	44.7	
22 1,1-Dichloroethene	96	1.973	1.973	0.0	86	48270	9.35	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.983	1.983	0.0	83	48764	9.73	
24 Iodomethane	142	2.107	2.107	0.0	99	69180	9.23	
23 Acetone	43	2.107	2.107	0.0	100	127919	48.5	
25 Carbon disulfide	76	2.128	2.128	0.0	100	178977	9.36	
27 3-Chloro-1-propene	41	2.304	2.304	0.0	91	100369	9.73	
28 Methyl acetate	43	2.377	2.377	0.0	97	325309	47.8	
30 Methylene Chloride	84	2.439	2.439	0.0	91	65337	8.79	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	90	55096	9.54	
33 Methyl tert-butyl ether	73	2.646	2.646	0.0	93	195040	9.53	
31 2-Methyl-2-propanol	59	2.646	2.646	0.0	51	118005	97.8	
34 Acrylonitrile	53	2.708	2.708	0.0	98	347153	99.7	
35 Hexane	57	2.812	2.812	0.0	90	106231	9.40	

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	2.999	0.0	85	116569	9.70	
39 Vinyl acetate	43	3.071	3.071	0.0	97	299353	19.2	
42 2,2-Dichloropropane	77	3.444	3.444	0.0	89	65199	9.54	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	65	58337	9.51	
44 2-Butanone (MEK)	43	3.537	3.537	0.0	100	221437	49.4	
47 Chlorobromomethane	128	3.672	3.672	0.0	90	27895	9.42	
48 Tetrahydrofuran	42	3.703	3.703	0.0	92	64215	19.6	
50 Chloroform	83	3.745	3.745	0.0	81	103529	9.41	
52 Cyclohexane	56	3.817	3.817	0.0	91	123766	9.81	
51 1,1,1-Trichloroethane	97	3.828	3.828	0.0	87	81249	9.44	
53 Carbon tetrachloride	117	3.931	3.931	0.0	83	70148	9.53	
54 1,1-Dichloropropene	75	3.952	3.952	0.0	92	76746	9.48	
55 Benzene	78	4.118	4.118	0.0	97	229780	9.53	
57 1,2-Dichloroethane	62	4.180	4.180	0.0	87	90715	9.78	
56 Isobutyl alcohol	43	4.180	4.180	0.0	94	112336	231.6	
59 n-Heptane	43	4.263	4.263	0.0	94	124943	9.57	
60 Trichloroethene	95	4.605	4.605	0.0	93	57370	9.54	
62 Methylcyclohexane	83	4.688	4.688	0.0	94	105487	9.38	
63 1,2-Dichloropropane	63	4.802	4.802	0.0	93	65841	9.68	
65 Dibromomethane	93	4.905	4.905	0.0	90	37849	9.59	
66 1,4-Dioxane	88	4.936	4.936	0.0	91	19212	206.3	M
67 Dichlorobromomethane	83	5.030	5.030	0.0	91	77573	9.43	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.0	91	52198	10.2	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.0	90	97701	9.70	
72 4-Methyl-2-pentanone (MIBK)	43	5.475	5.475	0.0	97	460965	48.8	
73 Toluene	92	5.569	5.569	0.0	98	142122	9.73	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.0	94	87526	9.63	
77 Ethyl methacrylate	69	5.838	5.838	0.0	91	93879	9.91	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.0	88	46650	9.39	
79 Tetrachloroethene	166	5.962	5.962	0.0	89	52982	9.57	
80 1,3-Dichloropropane	76	6.045	6.045	0.0	93	101228	9.81	
81 2-Hexanone	43	6.118	6.118	0.0	95	337208	50.1	
82 Chlorodibromomethane	129	6.221	6.221	0.0	88	51536	9.17	
83 Ethylene Dibromide	107	6.294	6.294	0.0	97	55678	9.51	
86 Chlorobenzene	112	6.657	6.657	0.0	91	146291	9.74	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.0	39	51068	9.90	
88 Ethylbenzene	91	6.729	6.729	0.0	99	264735	9.67	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.0	0	101949	9.53	
91 o-Xylene	106	7.133	7.133	0.0	98	100450	9.67	
92 Styrene	104	7.154	7.154	0.0	94	171706	9.77	
93 Bromoform	173	7.341	7.341	0.0	96	32825	9.39	
95 Isopropylbenzene	105	7.424	7.424	0.0	96	265659	9.65	
97 Bromobenzene	156	7.683	7.683	0.0	97	58685	9.85	
98 1,1,2,2-Tetrachloroethane	83	7.734	7.734	0.0	79	85726	9.73	
99 N-Propylbenzene	91	7.745	7.745	0.0	99	317912	9.59	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.0	82	26104	9.83	
101 trans-1,4-Dichloro-2-butene	53	7.766	7.766	0.0	78	27756	9.68	
105 2-Chlorotoluene	126	7.828	7.828	0.0	94	57394	9.75	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.0	93	222969	9.53	
102 4-Chlorotoluene	91	7.911	7.911	0.0	99	224108	9.70	
106 tert-Butylbenzene	134	8.149	8.149	0.0	87	41847	9.39	
107 1,2,4-Trimethylbenzene	105	8.190	8.190	0.0	97	226759	9.46	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.0	95	276546	9.52	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.0	95	112625	9.69	
111 4-Isopropyltoluene	119	8.450	8.450	0.0	97	228087	9.58	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.0	91	113546	9.57	
115 n-Butylbenzene	91	8.781	8.781	0.0	98	224693	9.81	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.0	89	108328	9.64	
117 1,2-Dibromo-3-Chloropropane	75	9.486	9.486	0.0	66	18701	9.93	
119 1,2,4-Trichlorobenzene	180	10.128	10.128	0.0	93	71592	9.69	
120 Hexachlorobutadiene	225	10.242	10.242	0.0	94	36752	9.39	
121 Naphthalene	128	10.336	10.336	0.0	98	215303	9.54	
122 1,2,3-Trichlorobenzene	180	10.532	10.532	0.0	93	67609	9.82	
S 125 Total BTEX	1				0		48.1	
S 126 Xylenes, Total	1				0		19.2	
S 123 1,3-Dichloropropene, Total	1				0		19.3	
S 124 1,2-Dichloroethene, Total	1				0		19.0	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7272.D

Injection Date: 28-Jan-2014 20:13:30

Instrument ID: HP5975T

Operator ID: RAL

Lims ID: IC 3

Lab Sample ID:

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

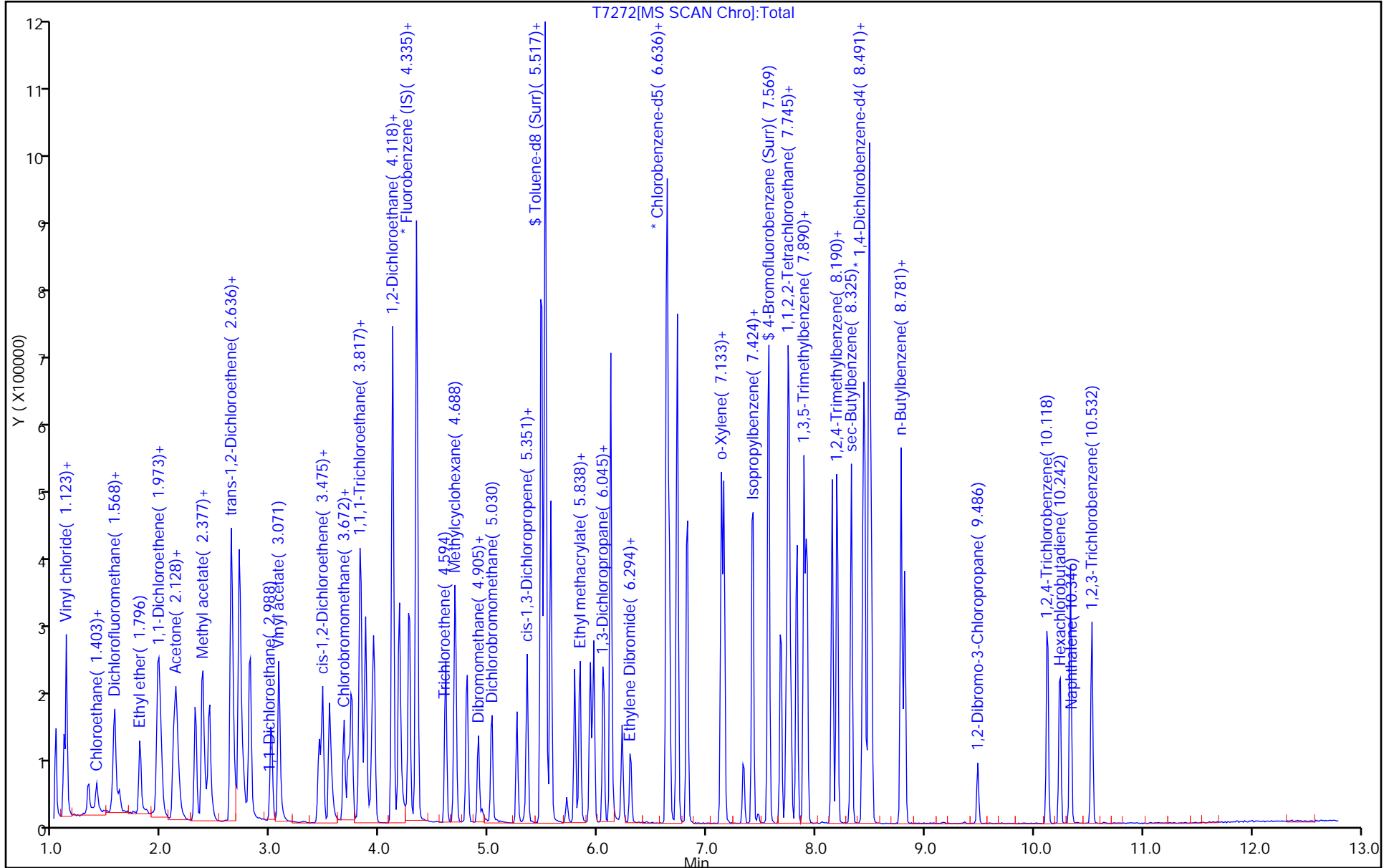
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



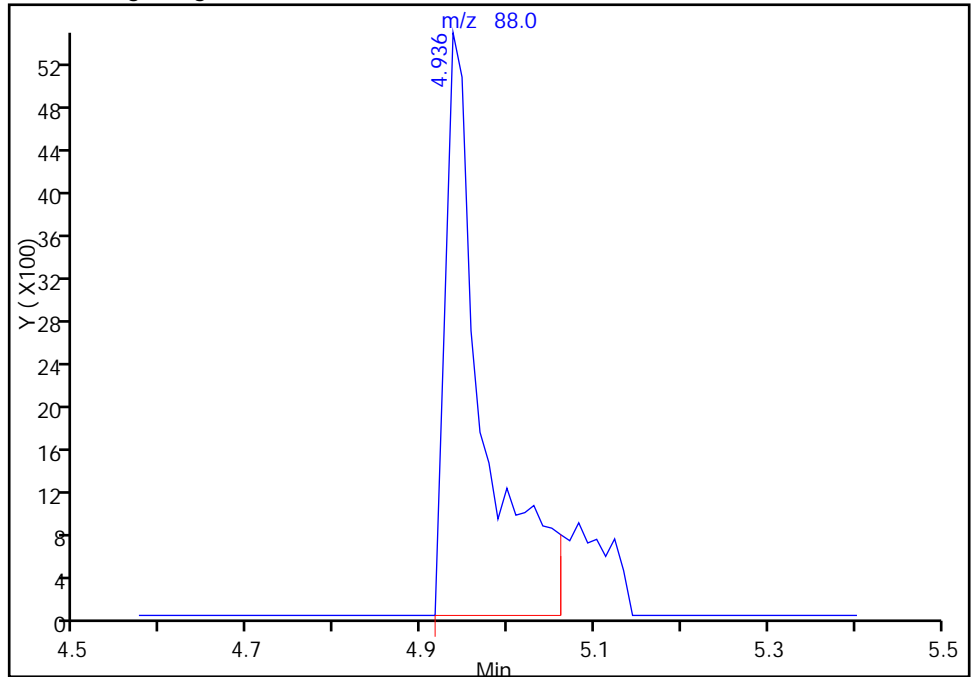
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7272.D
Injection Date: 28-Jan-2014 20:13:30 Instrument ID: HP5975T
Lims ID: IC 3 Lab Sample ID:
Client ID:
Operator ID: RAL ALS Bottle#: 6 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: T-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

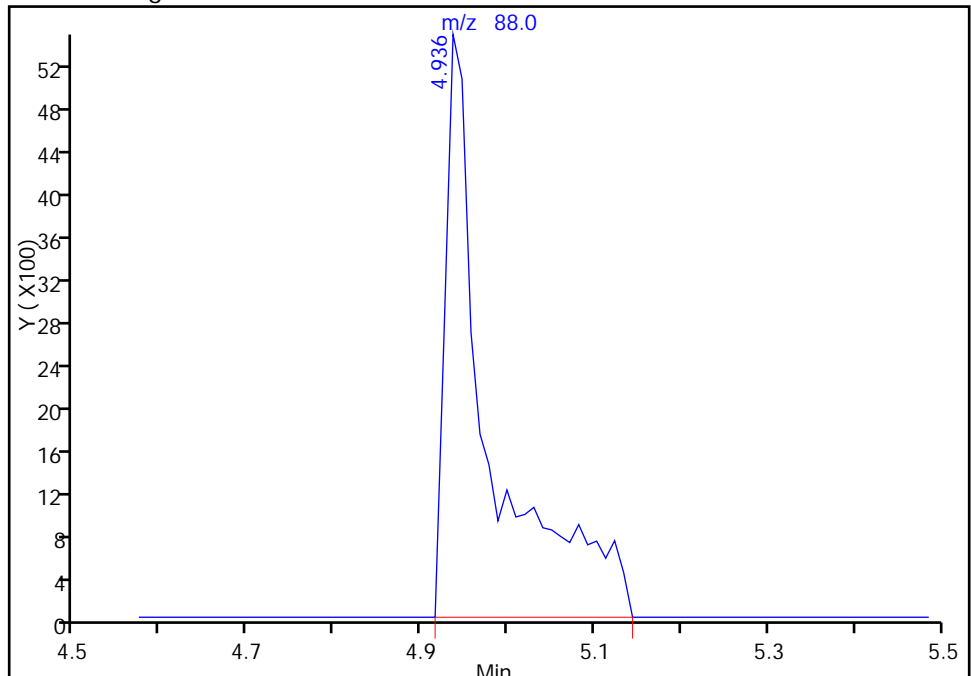
RT: 4.94
Response: 16337
Amount: 176.2963

Processing Integration Results



RT: 4.94
Response: 19212
Amount: 206.3085

Manual Integration Results



Reviewer: larsonr, 28-Jan-2014 21:44:23
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7273.D
 Lims ID: ICIS 4 Lab Sample ID:
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 28-Jan-2014 20:36:30 ALS Bottle#: 7 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICIS 4
 Misc. Info.: 480-0029103-009
 Operator ID: RAL Instrument ID: HP5975T
 Sublist: chrom-T-8260*sub48
 Method: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 30-Jan-2014 16:55:18 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: Hilll

Date: 30-Jan-2014 14:47:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.336	0.0	98	560118	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	87	381268	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	68	191939	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	3.869	3.869	0.0	56	132784	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	190226	24.6	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	91	540244	25.0	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	139728	25.1	
11 Dichlorodifluoromethane	85	0.905	0.905	0.0	88	179724	23.8	
13 Chloromethane	50	1.019	1.019	0.0	88	235612	23.6	
14 Vinyl chloride	62	1.102	1.102	0.0	83	198224	24.1	
151 Butadiene	54	1.123	1.123	0.0	90	195827	23.3	
15 Bromomethane	94	1.320	1.320	0.0	92	65828	25.9	
16 Chloroethane	64	1.403	1.403	0.0	95	86339	25.5	
18 Dichlorofluoromethane	67	1.558	1.558	0.0	81	216394	23.6	
17 Trichlorofluoromethane	101	1.558	1.558	0.0	59	171422	25.2	
19 Ethyl ether	59	1.797	1.797	0.0	92	150163	24.5	
21 Acrolein	56	1.952	1.952	0.0	100	179112	120.5	
22 1,1-Dichloroethene	96	1.962	1.962	0.0	85	123503	23.1	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.973	1.973	0.0	82	125845	24.2	
24 Iodomethane	142	2.107	2.107	0.0	98	192757	24.8	
23 Acetone	43	2.107	2.107	0.0	100	325675	119.1	
25 Carbon disulfide	76	2.128	2.128	0.0	99	477650	24.1	
27 3-Chloro-1-propene	41	2.304	2.304	0.0	91	265485	24.8	
28 Methyl acetate	43	2.367	2.367	0.0	97	864013	122.4	
30 Methylene Chloride	84	2.439	2.439	0.0	93	163176	24.2	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	90	145433	24.3	
33 Methyl tert-butyl ether	73	2.636	2.636	0.0	93	523413	24.7	
31 2-Methyl-2-propanol	59	2.636	2.636	0.0	53	314230	251.1	
34 Acrylonitrile	53	2.709	2.709	0.0	97	874119	242.1	
35 Hexane	57	2.802	2.802	0.0	91	260772	22.3	

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	2.999	0.0	85	303535	24.4	
39 Vinyl acetate	43	3.071	3.071	0.0	97	816400	50.6	
42 2,2-Dichloropropane	77	3.444	3.444	0.0	89	169431	23.9	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	69	153410	24.1	
44 2-Butanone (MEK)	43	3.527	3.527	0.0	100	588621	126.7	
47 Chlorobromomethane	128	3.672	3.672	0.0	92	74952	24.4	
48 Tetrahydrofuran	42	3.703	3.703	0.0	90	160921	49.3	
50 Chloroform	83	3.734	3.734	0.0	81	272144	23.9	
52 Cyclohexane	56	3.817	3.817	0.0	91	311425	23.8	
51 1,1,1-Trichloroethane	97	3.817	3.817	0.0	91	215644	24.2	
53 Carbon tetrachloride	117	3.931	3.931	0.0	83	185865	24.4	
54 1,1-Dichloropropene	75	3.942	3.942	0.0	92	204891	24.4	
55 Benzene	78	4.118	4.118	0.0	96	606285	24.3	
57 1,2-Dichloroethane	62	4.170	4.170	0.0	91	238419	24.8	
56 Isobutyl alcohol	43	4.170	4.170	0.0	92	318055	632.5	
59 n-Heptane	43	4.263	4.263	0.0	93	337298	24.9	
60 Trichloroethene	95	4.605	4.605	0.0	94	152931	24.5	
62 Methylcyclohexane	83	4.688	4.688	0.0	94	274032	23.5	
63 1,2-Dichloropropane	63	4.802	4.802	0.0	95	175118	24.8	
65 Dibromomethane	93	4.905	4.905	0.0	90	102341	25.0	
66 1,4-Dioxane	88	4.937	4.937	0.0	96	52415	543.1	
67 Dichlorobromomethane	83	5.019	5.019	0.0	93	210347	24.7	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.0	90	137016	25.8	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.0	87	260809	25.0	
72 4-Methyl-2-pentanone (MIBK)	43	5.475	5.475	0.0	97	1216453	124.2	
73 Toluene	92	5.569	5.569	0.0	98	368373	24.3	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.0	91	237405	25.2	
77 Ethyl methacrylate	69	5.838	5.838	0.0	91	247049	25.2	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.0	87	125557	24.4	
79 Tetrachloroethene	166	5.963	5.963	0.0	86	139077	24.2	
80 1,3-Dichloropropane	76	6.045	6.045	0.0	93	265792	24.9	
81 2-Hexanone	43	6.118	6.118	0.0	95	889298	127.4	
82 Chlorodibromomethane	129	6.222	6.222	0.0	89	144889	24.9	
83 Ethylene Dibromide	107	6.294	6.294	0.0	99	150193	24.8	
86 Chlorobenzene	112	6.657	6.657	0.0	92	386198	24.8	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.0	40	133346	24.9	
88 Ethylbenzene	91	6.729	6.729	0.0	99	701778	24.7	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.0	0	263068	23.7	
91 o-Xylene	106	7.134	7.134	0.0	98	263070	24.4	
92 Styrene	104	7.154	7.154	0.0	95	449121	24.6	
93 Bromoform	173	7.330	7.330	0.0	94	92564	25.5	
95 Isopropylbenzene	105	7.424	7.424	0.0	96	688442	24.3	
97 Bromobenzene	156	7.683	7.683	0.0	97	153423	25.0	
98 1,1,2,2-Tetrachloroethane	83	7.735	7.735	0.0	79	228633	25.2	
99 N-Propylbenzene	91	7.745	7.745	0.0	99	827115	24.2	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.0	78	67748	24.8	
101 trans-1,4-Dichloro-2-butene	53	7.766	7.766	0.0	89	77318	26.2	
105 2-Chlorotoluene	126	7.828	7.828	0.0	95	145741	24.0	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.0	92	587154	24.4	
102 4-Chlorotoluene	91	7.911	7.911	0.0	99	576090	24.2	
106 tert-Butylbenzene	134	8.149	8.149	0.0	88	113988	24.8	
107 1,2,4-Trimethylbenzene	105	8.191	8.191	0.0	96	600049	24.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.0	95	727714	24.3	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.0	94	289995	24.2	
111 4-Isopropyltoluene	119	8.450	8.450	0.0	97	601780	24.5	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.0	92	300398	24.6	
115 n-Butylbenzene	91	8.781	8.781	0.0	98	575040	24.4	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.0	90	284430	24.6	
117 1,2-Dibromo-3-Chloropropane	75	9.486	9.486	0.0	77	49366	25.4	
119 1,2,4-Trichlorobenzene	180	10.128	10.128	0.0	94	189479	24.9	
120 Hexachlorobutadiene	225	10.242	10.242	0.0	95	94254	23.4	
121 Naphthalene	128	10.336	10.336	0.0	98	586435	25.2	
122 1,2,3-Trichlorobenzene	180	10.533	10.533	0.0	94	175604	24.7	
S 125 Total BTEX	1				0		121.5	
S 126 Xylenes, Total	1				0		48.2	
S 123 1,3-Dichloropropene, Total	1				0		50.2	
S 124 1,2-Dichloroethene, Total	1				0		48.4	

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7273.D

Injection Date: 28-Jan-2014 20:36:30

Instrument ID: HP5975T

Operator ID: RAL

Lims ID: ICIS 4

Lab Sample ID:

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

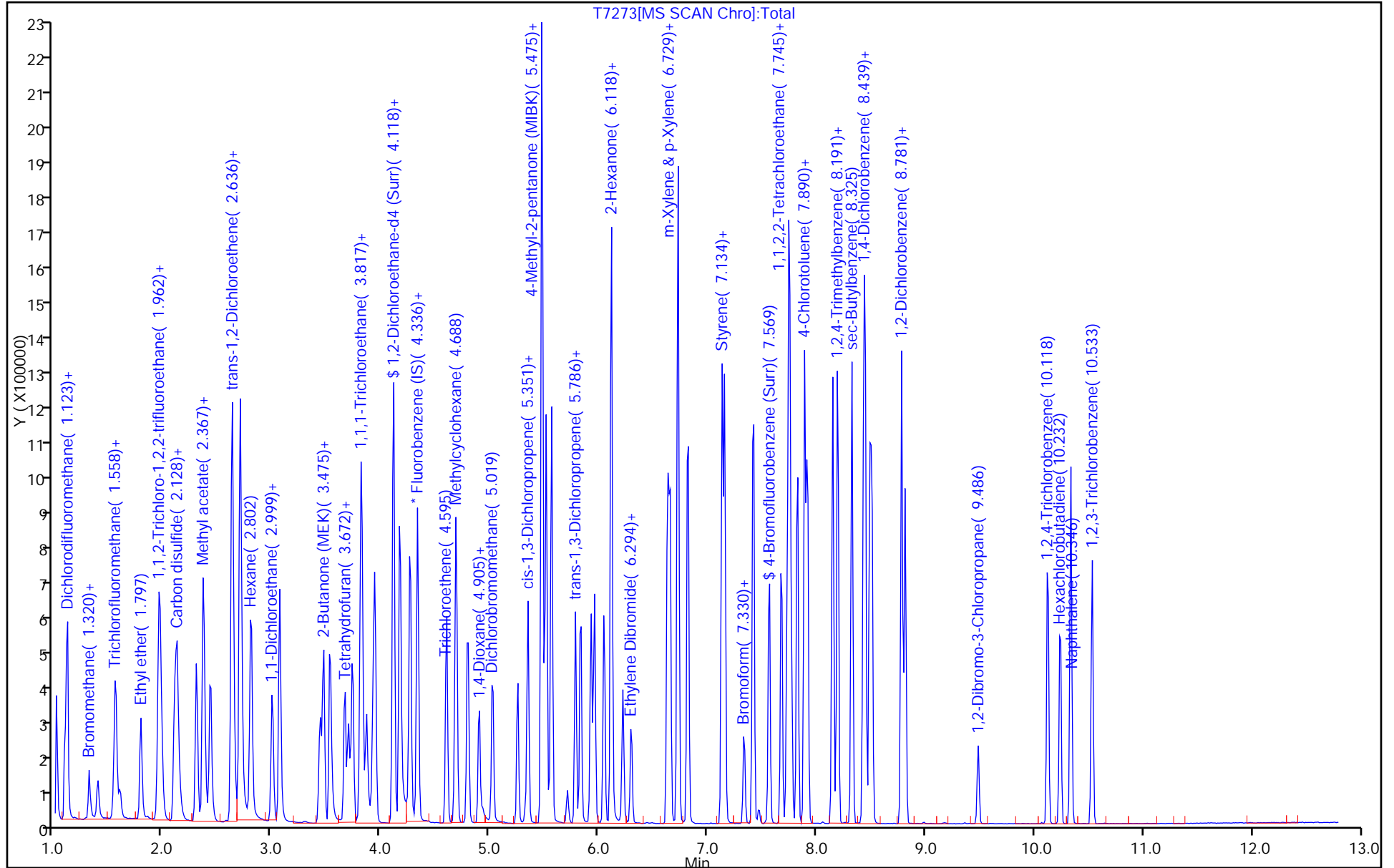
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7274.D
 Lims ID: IC 5 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 28-Jan-2014 21:00:30 ALS Bottle#: 8 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 5
 Misc. Info.: 480-0029103-010
 Operator ID: RAL Instrument ID: HP5975T
 Sublist: chrom-T-8260*sub48
 Method: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 30-Jan-2014 16:55:21 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: Hilll

Date: 29-Jan-2014 16:21:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.336	0.0	98	540193	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	87	369711	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	94	187709	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	3.869	3.869	0.0	57	130601	25.5	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	187965	25.3	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	75	526178	25.1	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	85	134855	25.0	
11 Dichlorodifluoromethane	85	0.916	0.905	0.011	88	365293	50.1	
13 Chloromethane	50	1.030	1.019	0.011	89	465289	48.3	
14 Vinyl chloride	62	1.102	1.102	0.0	82	394215	49.7	
151 Butadiene	54	1.123	1.123	0.0	90	389259	48.1	
15 Bromomethane	94	1.320	1.320	0.0	91	131173	53.6	
16 Chloroethane	64	1.403	1.403	0.0	95	177164	54.2	
18 Dichlorofluoromethane	67	1.569	1.558	0.011	82	438200	49.6	
17 Trichlorofluoromethane	101	1.569	1.558	0.011	57	354166	54.0	
19 Ethyl ether	59	1.797	1.797	0.0	92	303550	51.4	
21 Acrolein	56	1.952	1.952	0.0	99	357530	249.3	
22 1,1-Dichloroethene	96	1.973	1.962	0.011	87	248363	48.1	
20 1,1,2-Trichloro-1,2,2-trifluoro	101	1.983	1.973	0.010	82	265074	52.9	
24 Iodomethane	142	2.108	2.107	0.001	98	401517	53.6	
23 Acetone	43	2.108	2.107	0.001	100	668457	253.4	
25 Carbon disulfide	76	2.128	2.128	0.0	100	984557	51.5	
27 3-Chloro-1-propene	41	2.304	2.304	0.0	90	537281	52.1	
28 Methyl acetate	43	2.367	2.367	0.0	96	1729813	254.1	
30 Methylene Chloride	84	2.439	2.439	0.0	91	315712	50.8	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	66	294431	51.0	
33 Methyl tert-butyl ether	73	2.636	2.636	0.0	93	1031045	50.4	
31 2-Methyl-2-propanol	59	2.636	2.636	0.0	54	652341	540.6	
34 Acrylonitrile	53	2.709	2.709	0.001	98	1751218	503.0	
35 Hexane	57	2.812	2.802	0.010	91	529341	46.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	2.999	0.0	85	613730	51.1	
39 Vinyl acetate	43	3.071	3.071	0.0	97	1602873	103.1	
42 2,2-Dichloropropane	77	3.444	3.444	0.0	89	341673	50.0	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	69	312313	50.9	
44 2-Butanone (MEK)	43	3.527	3.527	0.0	100	1161454	259.2	
47 Chlorobromomethane	128	3.672	3.672	0.0	93	150115	50.7	
48 Tetrahydrofuran	42	3.703	3.703	0.0	90	312695	100.8	
50 Chloroform	83	3.735	3.734	0.001	81	533143	48.5	
52 Cyclohexane	56	3.817	3.817	0.0	91	637005	50.5	
51 1,1,1-Trichloroethane	97	3.817	3.817	0.0	92	440009	51.1	
53 Carbon tetrachloride	117	3.931	3.931	0.0	83	379014	51.5	
54 1,1-Dichloropropene	75	3.942	3.942	0.0	92	415119	51.3	
55 Benzene	78	4.118	4.118	0.0	98	1198792	49.7	
57 1,2-Dichloroethane	62	4.180	4.170	0.010	91	467823	50.4	
56 Isobutyl alcohol	43	4.170	4.170	0.0	95	634990	1309.3	
59 n-Heptane	43	4.263	4.263	0.0	93	662140	50.7	
60 Trichloroethene	95	4.605	4.605	0.0	94	303527	50.5	
62 Methylcyclohexane	83	4.688	4.688	0.0	94	574832	51.1	
63 1,2-Dichloropropane	63	4.802	4.802	0.0	94	343663	50.5	
65 Dibromomethane	93	4.906	4.905	0.001	87	200531	50.8	
66 1,4-Dioxane	88	4.926	4.937	-0.011	96	97753	1044.5	
67 Dichlorobromomethane	83	5.030	5.019	0.011	93	423767	51.5	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.0	90	261571	51.0	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.0	89	527969	52.4	
72 4-Methyl-2-pentanone (MIBK)	43	5.476	5.475	0.001	97	2333541	245.8	
73 Toluene	92	5.569	5.569	0.0	98	725256	49.4	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.0	91	467315	51.2	
77 Ethyl methacrylate	69	5.828	5.838	-0.010	90	468901	49.3	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.0	88	244519	49.0	
79 Tetrachloroethene	166	5.963	5.963	0.001	84	271079	48.7	
80 1,3-Dichloropropane	76	6.045	6.045	0.0	93	517128	49.9	
81 2-Hexanone	43	6.118	6.118	0.0	96	1662216	245.6	
82 Chlorodibromomethane	129	6.222	6.222	0.0	89	287085	50.8	
83 Ethylene Dibromide	107	6.294	6.294	0.0	98	292296	49.7	
86 Chlorobenzene	112	6.657	6.657	0.0	92	762383	50.5	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.0	40	263600	50.9	
88 Ethylbenzene	91	6.729	6.729	0.0	99	1392099	50.6	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.0	0	532256	49.5	
91 o-Xylene	106	7.134	7.134	0.0	98	524491	50.3	
92 Styrene	104	7.154	7.154	0.0	95	901575	51.0	
93 Bromoform	173	7.331	7.330	0.0	94	186030	52.9	
95 Isopropylbenzene	105	7.424	7.424	0.0	96	1383242	49.9	
97 Bromobenzene	156	7.683	7.683	0.0	97	299409	49.8	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.735	-0.011	82	443946	50.0	
99 N-Propylbenzene	91	7.745	7.745	0.0	99	1673881	50.1	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.0	73	132360	49.5	
101 trans-1,4-Dichloro-2-butene	53	7.766	7.766	0.0	78	150762	52.2	
105 2-Chlorotoluene	126	7.828	7.828	0.0	95	297631	50.1	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.0	92	1173209	49.8	
102 4-Chlorotoluene	91	7.911	7.911	0.0	99	1154393	49.5	
106 tert-Butylbenzene	134	8.149	8.149	0.0	92	233023	51.9	
107 1,2,4-Trimethylbenzene	105	8.191	8.191	0.0	97	1200414	49.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.0	95	1491615	50.9	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.0	95	582180	49.7	
111 4-Isopropyltoluene	119	8.450	8.450	0.0	97	1223383	50.9	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.0	92	600219	50.2	
115 n-Butylbenzene	91	8.781	8.781	0.0	99	1186419	51.4	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.0	89	566532	50.0	
117 1,2-Dibromo-3-Chloropropane	75	9.486	9.486	0.0	79	100121	52.7	
119 1,2,4-Trichlorobenzene	180	10.129	10.128	0.001	95	394928	53.0	
120 Hexachlorobutadiene	225	10.243	10.242	0.001	96	195744	49.6	
121 Naphthalene	128	10.336	10.336	0.0	98	1206291	53.0	
122 1,2,3-Trichlorobenzene	180	10.533	10.533	0.0	93	367248	52.9	
S 125 Total BTEX	1				0		249.5	
S 126 Xylenes, Total	1				0		99.8	
S 123 1,3-Dichloropropene, Total	1				0		103.6	
S 124 1,2-Dichloroethene, Total	1				0		101.9	

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7274.D

Injection Date: 28-Jan-2014 21:00:30

Instrument ID: HP5975T

Operator ID: RAL

Lims ID: IC 5

Lab Sample ID:

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

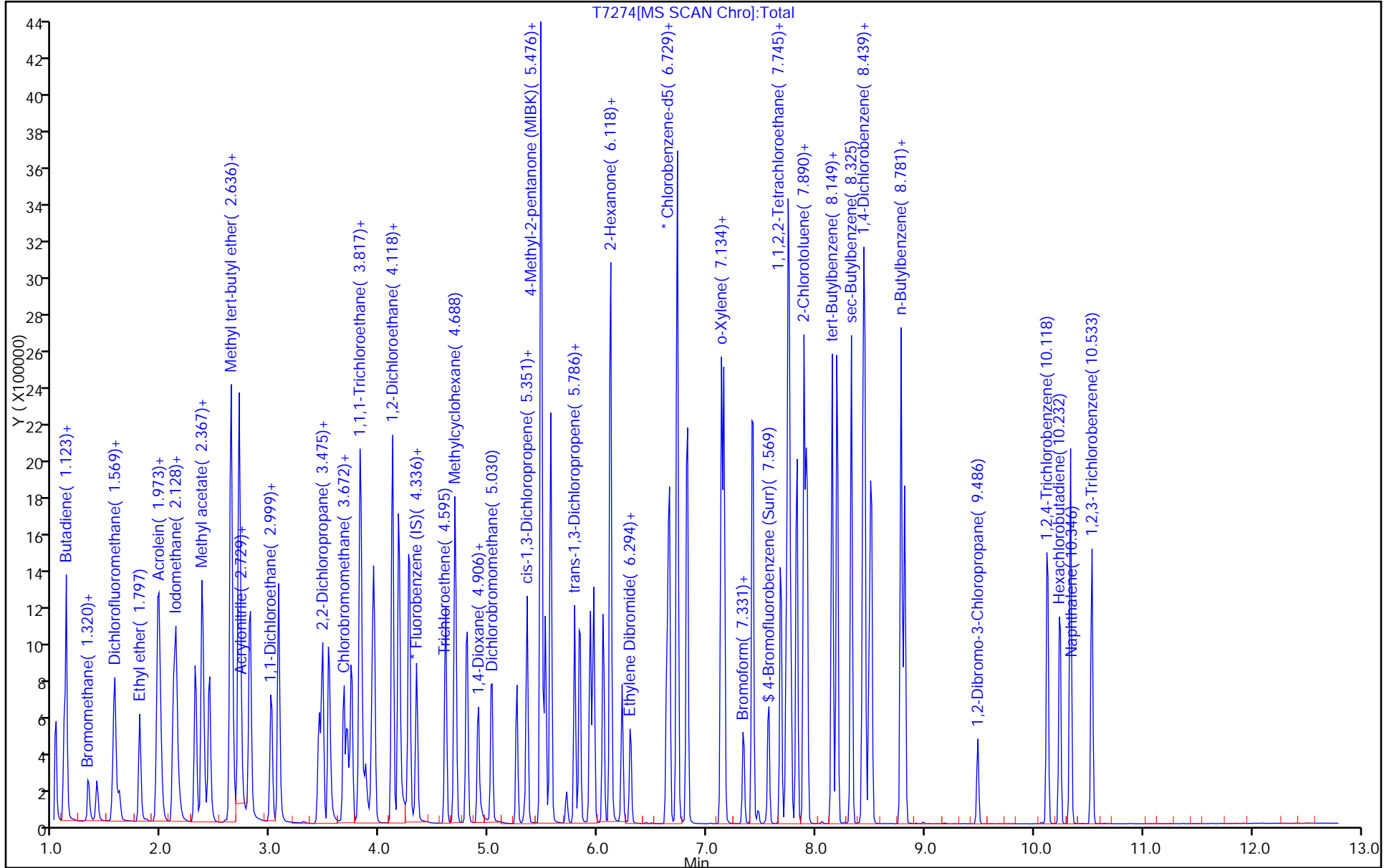
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7275.D
 Lims ID: IC 6 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 28-Jan-2014 21:24:30 ALS Bottle#: 9 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 6
 Misc. Info.: 480-0029103-011
 Operator ID: RAL Instrument ID: HP5975T
 Sublist: chrom-T-8260*sub48
 Method: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 30-Jan-2014 16:55:25 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: Hilll

Date: 29-Jan-2014 16:37:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.336	0.0	98	550446	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	87	375776	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	91	191517	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	3.869	3.869	0.0	57	130716	25.1	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	185784	24.5	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	91	528777	24.8	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	85	136153	24.8	
11 Dichlorodifluoromethane	85	0.916	0.905	0.011	88	745776	100.3	
13 Chloromethane	50	1.030	1.019	0.011	89	924372	94.3	
14 Vinyl chloride	62	1.102	1.102	0.0	83	808510	100.0	
151 Butadiene	54	1.123	1.123	0.0	90	791798	95.9	
15 Bromomethane	94	1.330	1.320	0.010	91	273286	109.5	
16 Chloroethane	64	1.403	1.403	0.0	95	382897	115.0	
18 Dichlorofluoromethane	67	1.569	1.558	0.011	82	905034	100.6	
17 Trichlorofluoromethane	101	1.569	1.558	0.011	55	760391	113.8	
19 Ethyl ether	59	1.797	1.797	0.0	93	608751	101.1	
21 Acrolein	56	1.952	1.952	0.0	100	729518	499.3	
22 1,1-Dichloroethene	96	1.973	1.962	0.011	86	504077	95.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.983	1.973	0.010	82	532920	104.4	
24 Iodomethane	142	2.107	2.107	0.0	77	812707	106.5	
23 Acetone	43	2.107	2.107	0.0	100	1429776	531.9	
25 Carbon disulfide	76	2.128	2.128	0.0	99	1986620	102.0	
27 3-Chloro-1-propene	41	2.304	2.304	0.0	91	1086302	103.3	
28 Methyl acetate	43	2.367	2.367	0.0	97	3573246	515.0	
30 Methylene Chloride	84	2.439	2.439	0.0	90	631622	101.8	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	82	593958	100.9	
33 Methyl tert-butyl ether	73	2.636	2.636	0.0	93	2070391	99.3	
31 2-Methyl-2-propanol	59	2.626	2.636	-0.010	91	1416929	1152.3	M
34 Acrylonitrile	53	2.709	2.709	0.001	99	3607295	1016.8	
35 Hexane	57	2.812	2.802	0.010	91	1061866	92.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	2.999	0.0	85	1229480	100.4	
39 Vinyl acetate	43	3.071	3.071	0.0	97	3222436	203.4	
42 2,2-Dichloropropane	77	3.444	3.444	0.0	89	663377	95.2	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	70	631907	101.1	
44 2-Butanone (MEK)	43	3.527	3.527	0.0	100	2350553	514.8	
47 Chlorobromomethane	128	3.672	3.672	0.0	93	304394	100.9	
48 Tetrahydrofuran	42	3.693	3.703	-0.010	90	630967	200.8	
50 Chloroform	83	3.745	3.734	0.011	81	1077453	96.1	
52 Cyclohexane	56	3.817	3.817	0.0	92	1298896	101.0	
51 1,1,1-Trichloroethane	97	3.828	3.817	0.011	90	883028	100.7	
53 Carbon tetrachloride	117	3.931	3.931	0.0	82	773460	103.2	
54 1,1-Dichloropropene	75	3.952	3.942	0.010	94	841185	102.0	
55 Benzene	78	4.118	4.118	0.0	98	2437542	99.2	
57 1,2-Dichloroethane	62	4.180	4.170	0.010	91	935446	99.0	
56 Isobutyl alcohol	43	4.170	4.170	0.0	95	1426932	2887.3	
59 n-Heptane	43	4.273	4.263	0.010	93	1183573	89.0	
60 Trichloroethene	95	4.605	4.605	0.0	93	614707	100.3	
62 Methylcyclohexane	83	4.688	4.688	0.0	94	1142425	99.8	
63 1,2-Dichloropropane	63	4.802	4.802	0.0	95	685144	98.9	
65 Dibromomethane	93	4.906	4.905	0.001	96	397719	99.0	
66 1,4-Dioxane	88	4.926	4.937	-0.011	96	196966	2070.6	
67 Dichlorobromomethane	83	5.030	5.019	0.011	93	863563	103.0	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.0	90	530758	101.6	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.0	89	1060352	103.3	
72 4-Methyl-2-pentanone (MIBK)	43	5.475	5.475	0.0	96	4641714	480.9	
73 Toluene	92	5.569	5.569	0.0	98	1472168	98.7	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.0	91	958361	103.2	
77 Ethyl methacrylate	69	5.838	5.838	0.0	89	956409	98.9	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.0	87	493983	97.4	
79 Tetrachloroethene	166	5.963	5.963	0.001	87	554396	98.0	
80 1,3-Dichloropropane	76	6.045	6.045	0.0	93	1037394	98.4	
81 2-Hexanone	43	6.118	6.118	0.0	96	3263035	474.3	
82 Chlorodibromomethane	129	6.222	6.222	0.0	88	602329	104.9	
83 Ethylene Dibromide	107	6.294	6.294	0.0	98	589815	98.6	
86 Chlorobenzene	112	6.657	6.657	0.0	92	1538830	100.3	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.0	39	534628	101.5	
88 Ethylbenzene	91	6.729	6.729	0.0	99	2764717	98.9	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.0	0	1072473	98.1	
91 o-Xylene	106	7.134	7.134	0.0	98	1044058	98.4	
92 Styrene	104	7.154	7.154	0.0	95	1819836	101.3	
93 Bromoform	173	7.330	7.330	0.0	95	396125	110.9	
95 Isopropylbenzene	105	7.424	7.424	0.0	96	2805322	99.1	
97 Bromobenzene	156	7.683	7.683	0.0	97	608593	99.3	
98 1,1,2,2-Tetrachloroethane	83	7.735	7.735	0.0	82	881595	97.3	
99 N-Propylbenzene	91	7.745	7.745	0.0	99	3337727	97.8	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.0	79	259196	94.9	
101 trans-1,4-Dichloro-2-butene	53	7.766	7.766	0.0	81	314993	106.8	
105 2-Chlorotoluene	126	7.828	7.828	0.0	95	595773	98.4	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.0	93	2378971	98.9	
102 4-Chlorotoluene	91	7.921	7.911	0.010	99	2333143	98.1	
106 tert-Butylbenzene	134	8.149	8.149	0.0	92	457715	99.8	
107 1,2,4-Trimethylbenzene	105	8.191	8.191	0.0	86	2454836	99.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.0	95	2985939	99.9	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.0	96	1201327	100.5	
111 4-Isopropyltoluene	119	8.450	8.450	0.0	97	2455514	100.2	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.0	92	1214483	99.6	
115 n-Butylbenzene	91	8.781	8.781	0.0	98	2382012	101.1	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.0	93	1144514	99.0	
117 1,2-Dibromo-3-Chloropropane	75	9.486	9.486	0.0	80	201297	103.9	
119 1,2,4-Trichlorobenzene	180	10.128	10.128	0.0	94	766996	100.9	
120 Hexachlorobutadiene	225	10.242	10.242	0.0	96	385204	95.7	
121 Naphthalene	128	10.336	10.336	0.0	98	2305948	99.3	
122 1,2,3-Trichlorobenzene	180	10.533	10.533	0.0	93	692946	97.8	
S 125 Total BTEX	1				0		493.3	
S 126 Xylenes, Total	1				0		196.5	
S 123 1,3-Dichloropropene, Total	1				0		206.5	
S 124 1,2-Dichloroethene, Total	1				0		202.0	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7275.D

Injection Date: 28-Jan-2014 21:24:30

Instrument ID: HP5975T

Operator ID: RAL

Lims ID: IC 6

Lab Sample ID:

Worklist Smp#: 11

Client ID:

Purge Vol: 5.000 mL

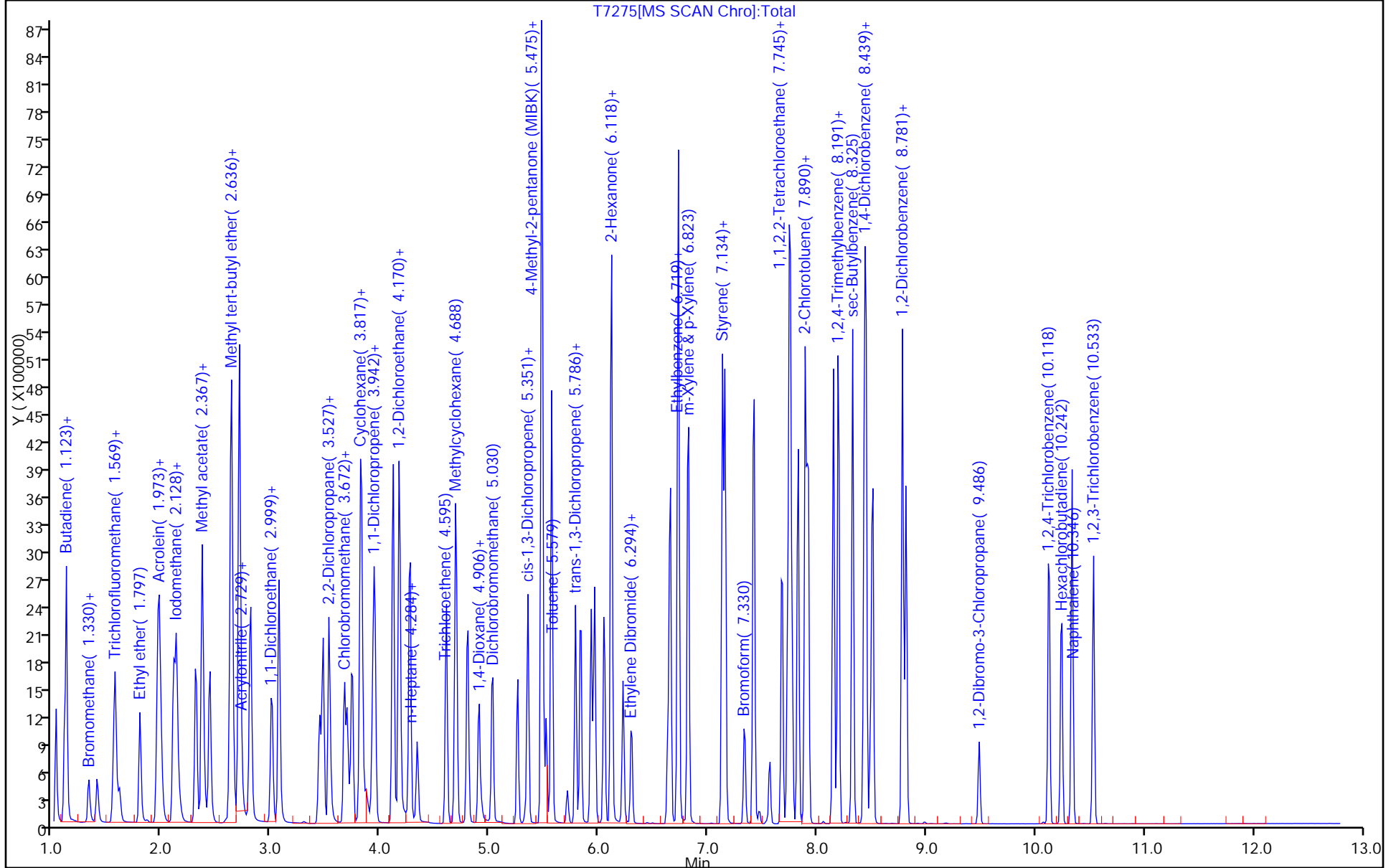
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



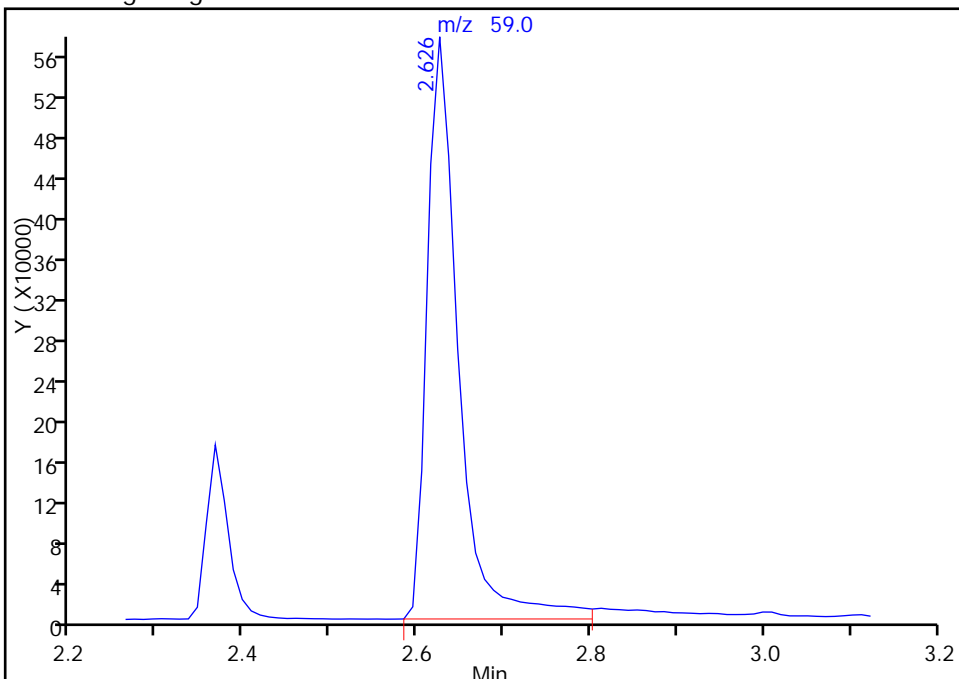
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7275.D
Injection Date: 28-Jan-2014 21:24:30 Instrument ID: HP5975T
Lims ID: IC 6 Lab Sample ID:
Client ID:
Operator ID: RAL ALS Bottle#: 9 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: T-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

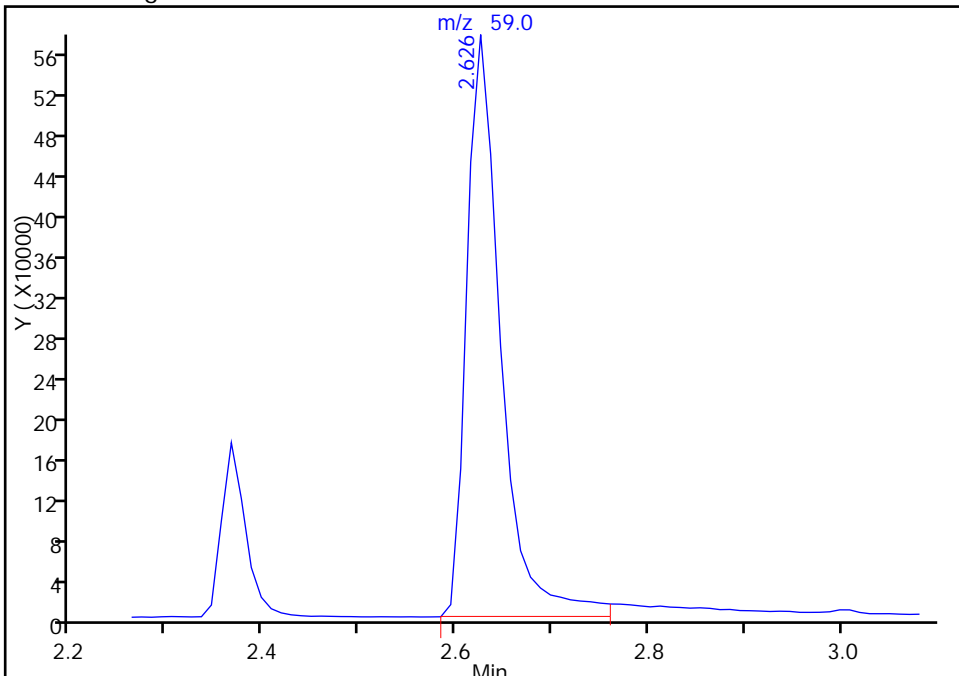
RT: 2.63
Response: 1448723
Amount: 1173.1503

Processing Integration Results



RT: 2.63
Response: 1416929
Amount: 1152.3488

Manual Integration Results



Reviewer: larsonr, 28-Jan-2014 21:46:18
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-164250/29 Calibration Date: 02/03/2014 10:49
 Instrument ID: HP5975T Calib Start Date: 01/28/2014 19:01
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 01/28/2014 21:24
 Lab File ID: T7444.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3376	0.1858	0.1000	13.8	25.0	-45.0*	20.0
Chloromethane	Ave	0.4454	0.3451	0.1000	19.4	25.0	-22.5*	20.0
Vinyl chloride	Ave	0.3672	0.2858	0.1000	19.5	25.0	-22.2*	20.0
Butadiene	Ave	0.3749	0.2707		18.1	25.0	-27.8*	20.0
Bromomethane	Ave	0.1133	0.1070	0.1000	23.6	25.0	-5.6	20.0
Chloroethane	Ave	0.1512	0.1398	0.1000	23.1	25.0	-7.6	20.0
Dichlorofluoromethane	Ave	0.4085	0.3564		21.8	25.0	-12.8	20.0
Trichlorofluoromethane	Ave	0.3036	0.2709	0.1000	22.3	25.0	-10.8	20.0
Ethyl ether	Ave	0.2735	0.2656		24.3	25.0	-2.9	20.0
Acrolein	Ave	0.0664	0.0675		127	125	1.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2318	0.2115	0.1000	22.8	25.0	-8.8	20.0
1,1-Dichloroethene	Ave	0.2389	0.2136	0.1000	22.3	25.0	-10.6	20.0
Acetone	Ave	0.1221	0.1326	0.1000	136	125	8.6	20.0
Iodomethane	Ave	0.3466	0.3510		25.3	25.0	1.3	20.0
Carbon disulfide	Ave	0.8845	0.8140	0.1000	23.0	25.0	-8.0	20.0
Allyl chloride	Ave	0.4774	0.4677		24.5	25.0	-2.0	20.0
Methyl acetate	Ave	0.3151	0.3191	0.1000	127	125	1.2	20.0
Methylene Chloride	Lin1		0.2670	0.1000	22.0	25.0	-11.9	20.0
2-Methyl-2-propanol	Ave	0.0558	0.0620		277	250	10.9	20.0
Methyl tert-butyl ether	Ave	0.9466	0.8688	0.1000	22.9	25.0	-8.2	20.0
trans-1,2-Dichloroethene	Ave	0.2673	0.2541	0.1000	23.8	25.0	-5.0	20.0
Acrylonitrile	Ave	0.1611	0.1599		248	250	-0.8	20.0
Hexane	Ave	0.5226	0.4436		21.2	25.0	-15.1	20.0
1,1-Dichloroethane	Ave	0.5561	0.5128	0.2000	23.1	25.0	-7.8	20.0
Vinyl acetate	Ave	0.7196	0.7185		49.9	50.0	-0.2	20.0
2,2-Dichloropropane	Ave	0.3163	0.2790		22.1	25.0	-11.8	20.0
cis-1,2-Dichloroethene	Ave	0.2839	0.2670	0.1000	23.5	25.0	-5.9	20.0
2-Butanone (MEK)	Ave	0.2074	0.2196	0.1000	132	125	5.9	20.0
Chlorobromomethane	Ave	0.1371	0.1283		23.4	25.0	-6.4	20.0
Tetrahydrofuran	Lin1		0.1490		51.2	50.0	2.5	20.0
Chloroform	Ave	0.5092	0.4488	0.2000	22.0	25.0	-11.9	20.0
1,1,1-Trichloroethane	Ave	0.3984	0.3639	0.1000	22.8	25.0	-8.7	20.0
Cyclohexane	Ave	0.5840	0.5039	0.1000	21.6	25.0	-13.7	20.0
Carbon tetrachloride	Ave	0.3404	0.3110	0.1000	22.8	25.0	-8.6	20.0
1,1-Dichloropropene	Ave	0.3744	0.3343		22.3	25.0	-10.7	20.0
Benzene	Ave	1.116	1.009	0.5000	22.6	25.0	-9.6	20.0
1,2-Dichloroethane	Ave	0.4293	0.3852	0.1000	22.4	25.0	-10.3	20.0
Isobutyl alcohol	Ave	0.0224	0.0266		740	625	18.4	20.0
n-Heptane	Ave	0.6043	0.5048		20.9	25.0	-16.5	20.0
Trichloroethene	Ave	0.2784	0.2560	0.2000	23.0	25.0	-8.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-164250/29 Calibration Date: 02/03/2014 10:49
 Instrument ID: HP5975T Calib Start Date: 01/28/2014 19:01
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 01/28/2014 21:24
 Lab File ID: T7444.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.5202	0.4396	0.1000	21.1	25.0	-15.5	20.0
1,2-Dichloropropane	Ave	0.3148	0.2966	0.1000	23.6	25.0	-5.8	20.0
Dibromomethane	Ave	0.1825	0.1708	0.1000	23.4	25.0	-6.4	20.0
1,4-Dioxane	Ave	0.0063	0.0067		527	500	5.4	20.0
Bromodichloromethane	Ave	0.3807	0.3490	0.2000	22.9	25.0	-8.3	20.0
2-Chloroethyl vinyl ether	Ave	0.2372	0.2280		24.0	25.0	-3.9	20.0
cis-1,3-Dichloropropene	Ave	0.4662	0.4421	0.2000	23.7	25.0	-5.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6421	0.6227	0.1000	121	125	-3.0	20.0
Toluene	Ave	0.9926	0.8820	0.4000	22.2	25.0	-11.2	20.0
trans-1,3-Dichloropropene	Ave	0.6177	0.5675	0.1000	23.0	25.0	-8.1	20.0
Ethyl methacrylate	Ave	0.6435	0.6172		24.0	25.0	-4.1	20.0
1,1,2-Trichloroethane	Ave	0.3375	0.2997	0.1000	22.2	25.0	-11.2	20.0
Tetrachloroethene	Ave	0.3764	0.3222	0.2000	21.4	25.0	-14.4	20.0
1,3-Dichloropropane	Ave	0.7011	0.6319		22.5	25.0	-9.9	20.0
2-Hexanone	Ave	0.4577	0.4706	0.1000	129	125	2.8	20.0
Dibromochloromethane	Ave	0.3821	0.3833	0.1000	24.6	24.5	0.3	20.0
1,2-Dibromoethane	Ave	0.3979	0.3502		22.0	25.0	-12.0	20.0
Chlorobenzene	Ave	1.020	0.9402	0.5000	23.0	25.0	-7.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3505	0.3333		23.8	25.0	-4.9	20.0
Ethylbenzene	Ave	1.860	1.692	0.1000	22.7	25.0	-9.0	20.0
m,p-Xylene	Ave	0.7271	0.6279	0.1000	21.6	25.0	-13.6	20.0
o-Xylene	Ave	0.7058	0.6220	0.3000	22.0	25.0	-11.9	20.0
Styrene	Ave	1.195	1.066	0.3000	22.3	25.0	-10.8	20.0
Bromoform	Ave	0.2376	0.2528	0.1000	26.6	25.0	6.4	20.0
Isopropylbenzene	Ave	3.695	3.121	0.1000	21.1	25.0	-15.5	20.0
Bromobenzene	Ave	0.8003	0.7345		22.9	25.0	-8.2	20.0
1,1,2,2-Tetrachloroethane	Ave	1.183	1.086	0.3000	22.9	25.0	-8.2	20.0
N-Propylbenzene	Ave	4.453	3.930		22.1	25.0	-11.8	20.0
1,2,3-Trichloropropane	Ave	0.3564	0.3286		23.1	25.0	-7.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3850	0.3950		25.6	25.0	2.6	20.0
2-Chlorotoluene	Ave	0.7905	0.7051		22.3	25.0	-10.8	20.0
1,3,5-Trimethylbenzene	Ave	3.140	2.685		21.4	25.0	-14.5	20.0
4-Chlorotoluene	Ave	3.104	2.778		22.4	25.0	-10.5	20.0
tert-Butylbenzene	Ave	0.5985	0.5490		22.9	25.0	-8.3	20.0
1,2,4-Trimethylbenzene	Ave	3.218	2.775		21.6	25.0	-13.8	20.0
sec-Butylbenzene	Ave	3.901	3.342		21.4	25.0	-14.3	20.0
1,3-Dichlorobenzene	Ave	1.560	1.419	0.6000	22.7	25.0	-9.1	20.0
4-Isopropyltoluene	Ave	3.198	2.872		22.4	25.0	-10.2	20.0
1,4-Dichlorobenzene	Ave	1.592	1.432	0.5000	22.5	25.0	-10.1	20.0
n-Butylbenzene	Ave	3.076	2.772		22.5	25.0	-9.9	20.0
1,2-Dichlorobenzene	Ave	1.508	1.402	0.4000	23.2	25.0	-7.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-164250/29 Calibration Date: 02/03/2014 10:49
 Instrument ID: HP5975T Calib Start Date: 01/28/2014 19:01
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 01/28/2014 21:24
 Lab File ID: T7444.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.2530	0.2352	0.0500	23.2	25.0	-7.0	20.0
1,2,4-Trichlorobenzene	Ave	0.9922	0.8901	0.2000	22.4	25.0	-10.3	20.0
Hexachlorobutadiene	Ave	0.5257	0.4506		21.4	25.0	-14.3	20.0
Naphthalene	Ave	3.030	2.805		23.1	25.0	-7.4	20.0
1,2,3-Trichlorobenzene	Ave	0.9248	0.8101		21.9	25.0	-12.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2366	0.2457		26.0	25.0	3.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3445	0.3278		23.8	25.0	-4.9	20.0
Toluene-d8 (Surr)	Ave	1.418	1.386		24.4	25.0	-2.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3652	0.3758		25.7	25.0	2.9	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7444.D
 Lims ID: CCVIS Lab Sample ID:
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 03-Feb-2014 10:49:30 ALS Bottle#: 36 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 480-0029232-029
 Operator ID: LH/GTG Instrument ID: HP5975T
 Sublist: chrom-T-8260*sub48
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 11:07:58 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK010

First Level Reviewer: goliszekg

Date: 03-Feb-2014 11:07:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.0	98	545503	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	87	381431	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	75	195520	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	3.869	3.869	0.0	56	134032	26.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	178800	23.8	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	91	528795	24.4	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	85	143345	25.7	
11 Dichlorodifluoromethane	85	0.905	0.905	0.0	87	101336	13.8	
13 Chloromethane	50	1.019	1.019	0.0	89	188261	19.4	
14 Vinyl chloride	62	1.102	1.102	0.0	84	155915	19.5	
151 Butadiene	54	1.123	1.123	0.0	90	147662	18.1	
15 Bromomethane	94	1.330	1.330	0.0	91	58375	23.6	
16 Chloroethane	64	1.403	1.403	0.0	95	76262	23.1	
17 Trichlorofluoromethane	101	1.568	1.568	0.0	57	147756	22.3	
18 Dichlorofluoromethane	67	1.568	1.568	0.0	82	194389	21.8	
19 Ethyl ether	59	1.796	1.796	0.0	92	144887	24.3	
21 Acrolein	56	1.952	1.952	0.0	99	184168	127.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.973	1.973	0.0	84	115348	22.8	
22 1,1-Dichloroethene	96	1.973	1.973	0.0	87	116505	22.3	
23 Acetone	43	2.097	2.097	0.0	100	361699	135.8	
24 Iodomethane	142	2.107	2.107	0.0	73	191477	25.3	
25 Carbon disulfide	76	2.128	2.128	0.0	99	444055	23.0	
27 3-Chloro-1-propene	41	2.304	2.304	0.0	91	255130	24.5	
28 Methyl acetate	43	2.366	2.366	0.0	99	870203	126.6	
30 Methylene Chloride	84	2.439	2.439	0.0	93	145664	22.0	
31 2-Methyl-2-propanol	59	2.615	2.615	0.0	91	337934	277.3	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	65	138592	23.8	
33 Methyl tert-butyl ether	73	2.636	2.636	0.0	93	473956	22.9	
34 Acrylonitrile	53	2.708	2.708	0.0	98	872193	248.1	
35 Hexane	57	2.812	2.812	0.0	91	241975	21.2	

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	2.999	0.0	85	279721	23.1	
39 Vinyl acetate	43	3.071	3.071	0.0	97	783925	49.9	
42 2,2-Dichloropropane	77	3.444	3.444	0.0	88	152204	22.1	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	69	145669	23.5	
44 2-Butanone (MEK)	43	3.527	3.527	0.0	100	598968	132.4	
47 Chlorobromomethane	128	3.672	3.672	0.0	92	69967	23.4	
48 Tetrahydrofuran	42	3.703	3.703	0.0	91	162558	51.2	
50 Chloroform	83	3.734	3.734	0.0	81	244831	22.0	
51 1,1,1-Trichloroethane	97	3.817	3.817	0.0	77	198510	22.8	
52 Cyclohexane	56	3.817	3.817	0.0	92	274855	21.6	
53 Carbon tetrachloride	117	3.931	3.931	0.0	82	169671	22.8	
54 1,1-Dichloropropene	75	3.942	3.942	0.0	93	182333	22.3	
55 Benzene	78	4.118	4.118	0.0	96	550497	22.6	
57 1,2-Dichloroethane	62	4.170	4.170	0.0	91	210151	22.4	
56 Isobutyl alcohol	43	4.170	4.170	0.0	97	362354	739.9	
59 n-Heptane	43	4.263	4.263	0.0	94	275372	20.9	
60 Trichloroethene	95	4.605	4.605	0.0	94	139631	23.0	
62 Methylcyclohexane	83	4.688	4.688	0.0	94	239804	21.1	
63 1,2-Dichloropropane	63	4.802	4.802	0.0	96	161815	23.6	
65 Dibromomethane	93	4.895	4.895	0.0	85	93155	23.4	
66 1,4-Dioxane	88	4.926	4.926	0.0	95	50861	526.8	
67 Dichlorobromomethane	83	5.019	5.019	0.0	93	190378	22.9	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.0	90	124359	24.0	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.0	90	241188	23.7	
72 4-Methyl-2-pentanone (MIBK)	43	5.475	5.475	0.0	97	1187501	121.2	
73 Toluene	92	5.569	5.569	0.0	98	336403	22.2	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.0	91	216472	23.0	
77 Ethyl methacrylate	69	5.838	5.838	0.0	91	235422	24.0	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.0	87	114297	22.2	
79 Tetrachloroethene	166	5.962	5.962	0.0	86	122888	21.4	
80 1,3-Dichloropropane	76	6.045	6.045	0.0	93	241010	22.5	
81 2-Hexanone	43	6.118	6.118	0.0	96	897492	128.5	
82 Chlorodibromomethane	129	6.221	6.221	0.0	88	143286	24.6	
83 Ethylene Dibromide	107	6.294	6.294	0.0	100	133576	22.0	
86 Chlorobenzene	112	6.657	6.657	0.0	93	358632	23.0	
88 Ethylbenzene	91	6.729	6.729	0.0	99	645287	22.7	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.0	40	127135	23.8	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.0	0	239508	21.6	
91 o-Xylene	106	7.133	7.133	0.0	98	237235	22.0	
92 Styrene	104	7.154	7.154	0.0	94	406710	22.3	
93 Bromoform	173	7.330	7.330	0.0	95	96414	26.6	
95 Isopropylbenzene	105	7.424	7.424	0.0	96	610200	21.1	
97 Bromobenzene	156	7.683	7.683	0.0	97	143605	22.9	
98 1,1,2,2-Tetrachloroethane	83	7.734	7.734	0.0	82	212266	22.9	
99 N-Propylbenzene	91	7.745	7.745	0.0	99	768362	22.1	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.0	78	64252	23.1	
101 trans-1,4-Dichloro-2-butene	53	7.766	7.766	0.0	79	77231	25.6	
105 2-Chlorotoluene	126	7.828	7.828	0.0	95	137868	22.3	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.0	93	524987	21.4	
102 4-Chlorotoluene	91	7.911	7.911	0.0	99	543057	22.4	
106 tert-Butylbenzene	134	8.149	8.149	0.0	92	107343	22.9	
107 1,2,4-Trimethylbenzene	105	8.190	8.190	0.0	97	542574	21.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.0	95	653502	21.4	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.0	95	277379	22.7	
111 4-Isopropyltoluene	119	8.450	8.450	0.0	97	561472	22.4	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.0	92	279997	22.5	
115 n-Butylbenzene	91	8.781	8.781	0.0	98	541887	22.5	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.0	90	274085	23.2	
117 1,2-Dibromo-3-Chloropropane	75	9.486	9.486	0.0	79	45989	23.2	
119 1,2,4-Trichlorobenzene	180	10.128	10.128	0.0	93	174035	22.4	
120 Hexachlorobutadiene	225	10.242	10.242	0.0	96	88092	21.4	
121 Naphthalene	128	10.336	10.336	0.0	98	548425	23.1	
122 1,2,3-Trichlorobenzene	180	10.532	10.532	0.0	93	158394	21.9	
S 123 1,3-Dichloropropene, Total	1				0		46.7	
S 124 1,2-Dichloroethene, Total	1				0		47.3	
S 125 Total BTEX	1				0		111.2	
S 126 Xylenes, Total	1				0		43.6	

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7444.D

Injection Date: 03-Feb-2014 10:49:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: CCVIS

Lab Sample ID:

Worklist Smp#: 29

Client ID:

Purge Vol: 5.000 mL

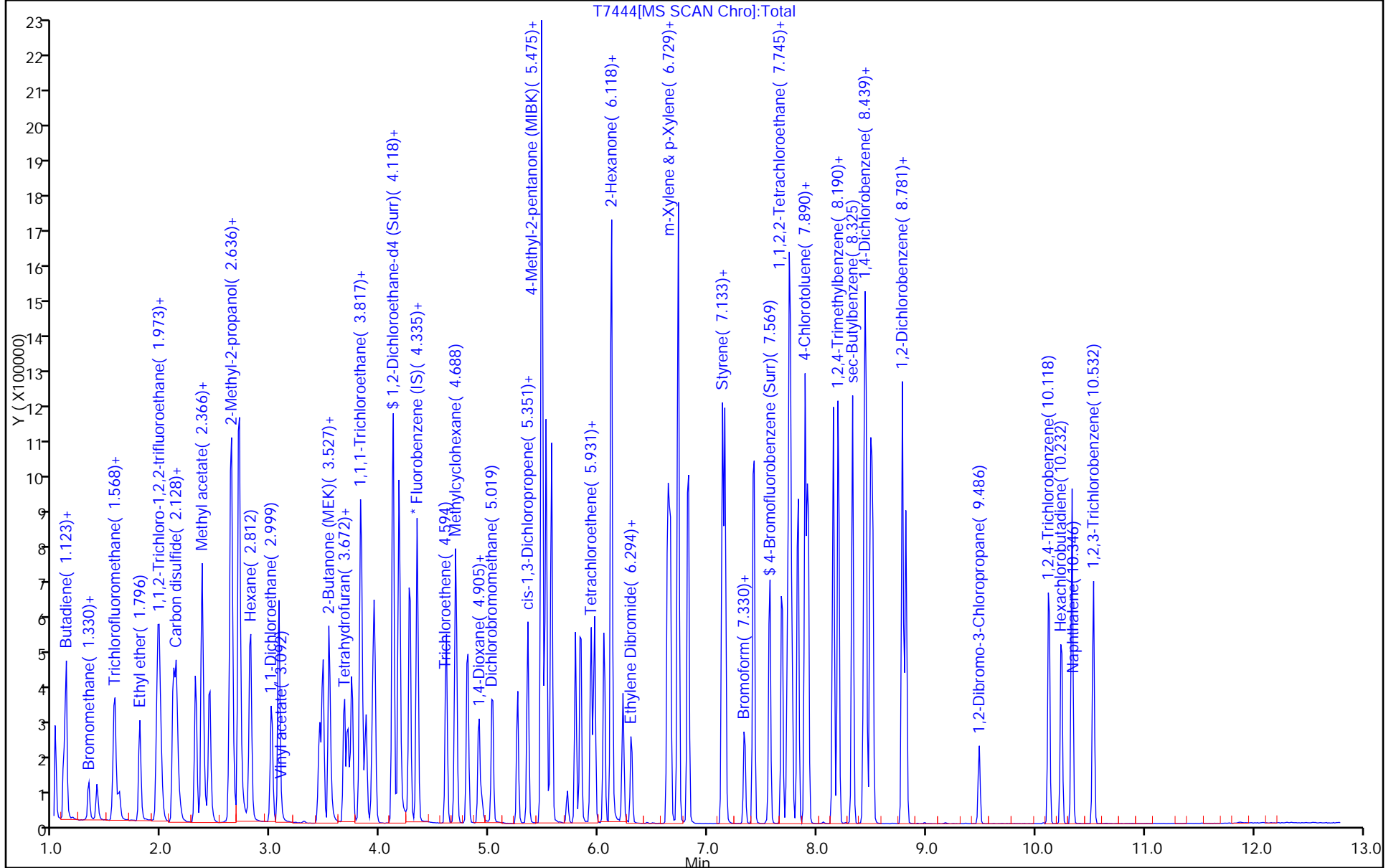
Dil. Factor: 1.0000

ALS Bottle#: 36

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7267.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 28-Jan-2014 18:13:30 ALS Bottle#: 1 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 480-0029103-026
 Operator ID: RAL Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 30-Jan-2014 18:09:59 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK040

First Level Reviewer: larsonr Date: 28-Jan-2014 18:22:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
----------	-----	-----------	---------------	---------------	---	----------	-----------------	-------

\$ 5 BFB	95	4.834	4.834	0.0	78	212755	NR	7
----------	----	-------	-------	-----	----	--------	----	---

QC Flag Legend

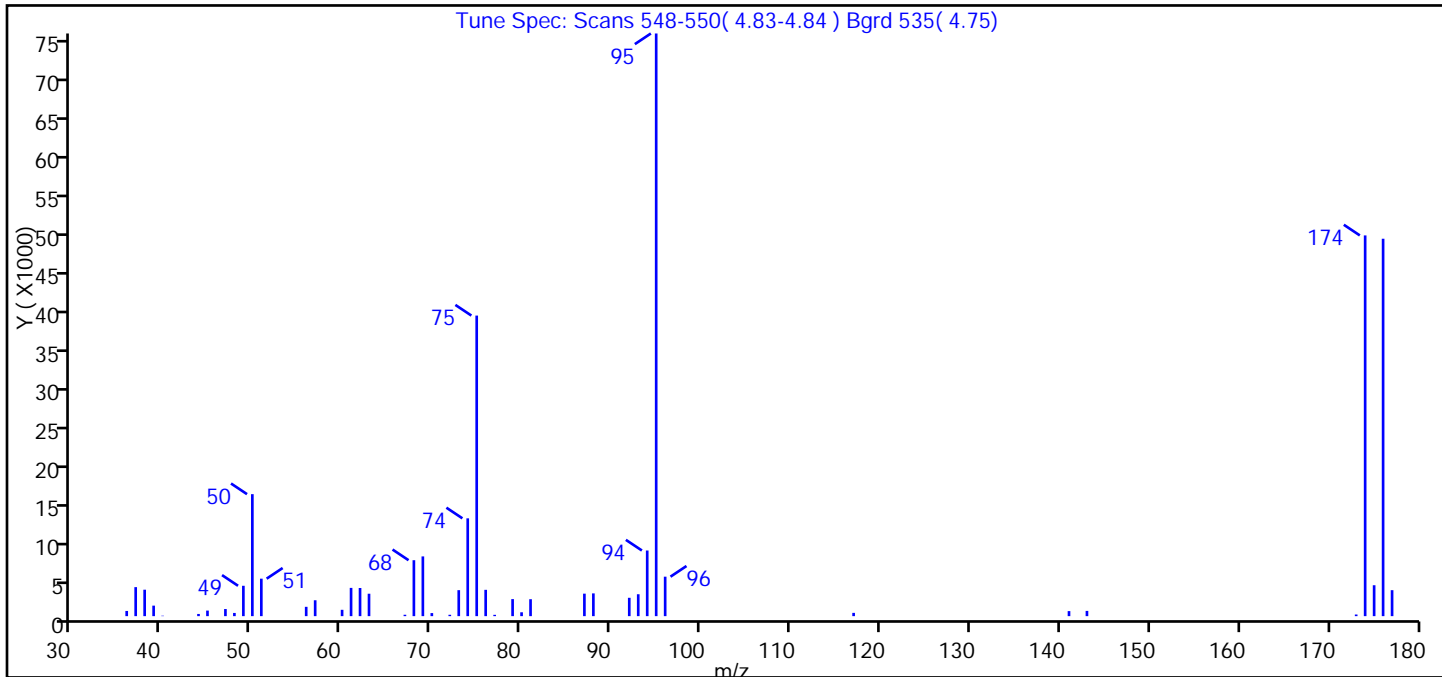
Processing Flags

7 - Failed Limit of Detection

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7267.D
 Injection Date: 28-Jan-2014 18:13:30 Instrument ID: HP5975T
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: RAL ALS Bottle#: 1 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: T-8260 Limit Group: MV - 8260C ICAL
 Tune Method: BFB Method 8260

\$ 5 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.90
75	30.00 - 60.00% of mass 95	51.60
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.30 (0.40)
174	50.00 - 120.00% of mass 95	65.30
175	5.00 - 9.00% of mass 174	5.30 (8.10)
176	95.00 - 101.00% of mass 174	64.80 (99.10)
177	5.00 - 9.00% of mass 176	4.50 (6.90)

Data File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7267.D\T-8260.rslt\spectra.d

Injection Date: 28-Jan-2014 18:13:30

Spectrum: Tune Spec: Scans 548-550(4.83-4.84) Bgrd 535(4.75)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	674	56.00	1211	74.00	12709	95.00	75712
37.00	3770	57.00	2064	75.00	39056	96.00	5128
38.00	3435	60.00	823	76.00	3419	117.00	425
39.00	1365	61.00	3671	77.00	171	141.00	655
40.00	54	62.00	3657	79.00	2215	143.00	680
44.00	285	63.00	2914	80.00	503	173.00	213
45.00	722	67.00	181	81.00	2201	174.00	49472
47.00	924	68.00	7268	87.00	2922	175.00	4016
48.00	415	69.00	7762	88.00	2957	176.00	49040
49.00	3945	70.00	399	92.00	2384	177.00	3374
50.00	15851	72.00	178	93.00	2846		
51.00	4869	73.00	3375	94.00	8529		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7442.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 03-Feb-2014 09:42:30 ALS Bottle#: 34 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 480-0029232-002
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 09:49:52 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: Hilll Date: 03-Feb-2014 09:49:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
----------	-----	-----------	---------------	---------------	---	----------	-----------------	-------

\$ 5 BFB	95	4.828	4.828	0.0	79	200261	NR	7
----------	----	-------	-------	-----	----	--------	----	---

QC Flag Legend

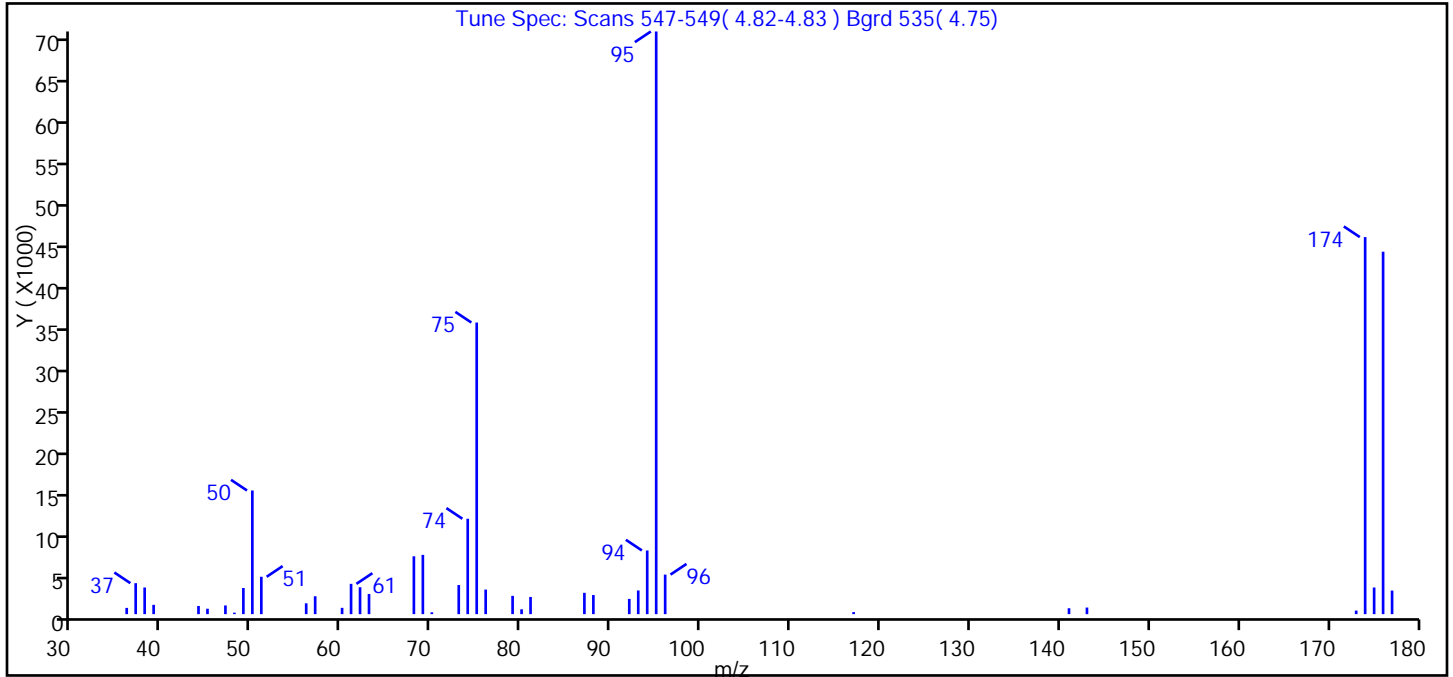
Processing Flags

7 - Failed Limit of Detection

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7442.D
 Injection Date: 03-Feb-2014 09:42:30 Instrument ID: HP5975T
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: LH/GTG ALS Bottle#: 34 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: T-8260 Limit Group: MV - 8260C ICAL
 Tune Method: BFB Method 8260

\$ 5 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.20
75	30.00 - 60.00% of mass 95	50.00
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.60 (0.90)
174	50.00 - 120.00% of mass 95	64.70
175	5.00 - 9.00% of mass 174	4.60 (7.10)
176	95.00 - 101.00% of mass 174	62.20 (96.10)
177	5.00 - 9.00% of mass 176	4.00 (6.50)

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7442.D\T-8260.rslt\spectra.d

Injection Date: 03-Feb-2014 09:42:30

Spectrum: Tune Spec: Scans 547-549(4.82-4.83) Bgrd 535(4.75)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 42

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	757	56.00	1311	75.00	35296	96.00	4787
37.00	3751	57.00	2167	76.00	2974	117.00	249
38.00	3226	60.00	764	79.00	2214	141.00	714
39.00	1126	61.00	3666	80.00	587	143.00	799
44.00	989	62.00	3257	81.00	2079	173.00	431
45.00	657	63.00	2441	87.00	2581	174.00	45640
47.00	1053	68.00	7003	88.00	2313	175.00	3226
48.00	181	69.00	7175	92.00	1846	176.00	43872
49.00	3163	70.00	222	93.00	2865	177.00	2853
50.00	14967	73.00	3526	94.00	7709		
51.00	4523	74.00	11545	95.00	70528		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-164250/7
 Matrix: Water Lab File ID: T7448.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 12:39
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-164250/7
 Matrix: Water Lab File ID: T7448.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 12:39
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		66-137
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
2037-26-5	Toluene-d8 (Surr)	100		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7448.D
 Lims ID: MB Lab Sample ID: MB 480-164252/7-A
 Client ID:
 Sample Type: MB
 Inject. Date: 03-Feb-2014 12:39:30 ALS Bottle#: 40 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 480-0029232-007
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 13:01:38 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK010

First Level Reviewer: goliszekg

Date: 03-Feb-2014 13:01:38

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	98	555586	25.0	
* 1 1,4-Difluorobenzene	114		4.429					
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	88	379250	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	97	182606	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	3.869	3.869	0.0	58	131339	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	180795	23.6	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	94	538410	25.0	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	85	139776	25.2	
11 Dichlorodifluoromethane	85		0.905					
12 Chlorodifluoromethane	51		0.926					
13 Chloromethane	50		1.019					
14 Vinyl chloride	62		1.102					
151 Butadiene	54		1.123					
15 Bromomethane	94		1.330					
16 Chloroethane	64		1.403					
17 Trichlorofluoromethane	101		1.568					
18 Dichlorofluoromethane	67		1.568					
19 Ethyl ether	59		1.796					
148 Ethanol	45		1.817					
84 Propene oxide	58		1.869					
21 Acrolein	56		1.952					
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.973					
22 1,1-Dichloroethene	96		1.973					
23 Acetone	43		2.097					
24 Iodomethane	142		2.107					
25 Carbon disulfide	76		2.128					
26 Isopropyl alcohol	45		2.284					
27 3-Chloro-1-propene	41		2.304					
28 Methyl acetate	43		2.366					
29 Acetonitrile	40		2.377					
30 Methylene Chloride	84		2.439					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
31 2-Methyl-2-propanol	59		2.615					
33 Methyl tert-butyl ether	73		2.636					
32 trans-1,2-Dichloroethene	96		2.636					
34 Acrylonitrile	53		2.708					
35 Hexane	57		2.812					
36 1,1-Dichloroethane	63		2.999					
37 Isopropyl ether	45		3.030					
38 2-Chloro-1,3-butadiene	53		3.050					
139 Halothane	117		3.061					
39 Vinyl acetate	43		3.071					
40 1,1-Dimethoxyethane	75		3.102					
41 Tert-butyl ethyl ether	59		3.320					
42 2,2-Dichloropropane	77		3.444					
43 cis-1,2-Dichloroethene	96		3.475					
44 2-Butanone (MEK)	43		3.527					
45 Ethyl acetate	43		3.558					
46 Propionitrile	54		3.620					
47 Chlorobromomethane	128		3.672					
48 Tetrahydrofuran	42		3.703					
49 Methacrylonitrile	41		3.703					
50 Chloroform	83		3.734					
51 1,1,1-Trichloroethane	97		3.817					
52 Cyclohexane	56		3.817					
53 Carbon tetrachloride	117		3.931					
54 1,1-Dichloropropene	75		3.942					
55 Benzene	78		4.118					
152 Isooctane	57		4.118					
56 Isobutyl alcohol	43		4.170					
57 1,2-Dichloroethane	62		4.170					
147 t-Amyl alcohol	59		4.211					
58 Tert-amyl methyl ether	73		4.211					
59 n-Heptane	43		4.263					
141 2,4,4-Trimethyl-1-pentene	55		4.522					
60 Trichloroethene	95		4.605					
61 n-Butanol	56		4.667					
62 Methylcyclohexane	83		4.688					
140 2,4,4-Trimethyl-2-pentene	97		4.708					
142 Ethyl acrylate	55		4.729					
63 1,2-Dichloropropane	63		4.802					
65 Dibromomethane	93		4.895					
64 Methyl methacrylate	41		4.895					
66 1,4-Dioxane	88		4.926					
67 Dichlorobromomethane	83		5.019					
68 2-Nitropropane	43		5.237					
69 2-Chloroethyl vinyl ether	63		5.258					
70 Epichlorohydrin	57		5.330					
71 cis-1,3-Dichloropropene	75		5.351					
72 4-Methyl-2-pentanone (MIBK)	43		5.475					
73 Toluene	92		5.569					
74 2-Methylthiophene	97		5.672					
75 trans-1,3-Dichloropropene	75		5.786					
76 3-Methylthiophene	97		5.797					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
77 Ethyl methacrylate	69		5.838					
78 1,1,2-Trichloroethane	83		5.931					
79 Tetrachloroethene	166		5.962					
80 1,3-Dichloropropane	76		6.045					
81 2-Hexanone	43		6.118					
82 Chlorodibromomethane	129		6.221					
83 Ethylene Dibromide	107		6.294					
146 1-Chlorohexane	55		6.626					
85 3-Chlorobenzotrifluoride	180		6.636					
86 Chlorobenzene	112		6.657					
87 4-Chlorobenzotrifluoride	180		6.688					
88 Ethylbenzene	91		6.729					
89 1,1,1,2-Tetrachloroethane	131		6.729					
90 m-Xylene & p-Xylene	106		6.823					
91 o-Xylene	106		7.133					
92 Styrene	104		7.154					
93 Bromoform	173		7.330					
94 2-Chlorobenzotrifluoride	180		7.361					
95 Isopropylbenzene	105		7.424					
96 Cyclohexanone	55		7.558					
97 Bromobenzene	156		7.683					
98 1,1,2,2-Tetrachloroethane	83		7.734					
99 N-Propylbenzene	91		7.745					
100 1,2,3-Trichloropropane	110		7.755					
101 trans-1,4-Dichloro-2-butene	53		7.766					
105 2-Chlorotoluene	126		7.828					
103 3-Chlorotoluene	126		7.880					
104 1,3,5-Trimethylbenzene	105		7.890					
102 4-Chlorotoluene	91		7.911					
106 tert-Butylbenzene	134		8.149					
107 1,2,4-Trimethylbenzene	105		8.190					
108 Pentachloroethane	167		8.191					
109 sec-Butylbenzene	105		8.325					
110 1,3-Dichlorobenzene	146		8.429					
111 4-Isopropyltoluene	119		8.450					
112 Dicyclopentadiene	66		8.491					
113 1,4-Dichlorobenzene	146		8.512					
114 1,2,3-Trimethylbenzene	105		8.543					
150 Benzyl chloride	126		8.646					
115 n-Butylbenzene	91		8.781					
116 1,2-Dichlorobenzene	146		8.812					
117 1,2-Dibromo-3-Chloropropane	75		9.486					
118 1,3,5-Trichlorobenzene	180		9.600					
119 1,2,4-Trichlorobenzene	180		10.128					
120 Hexachlorobutadiene	225		10.242					
121 Naphthalene	128		10.336					
122 1,2,3-Trichlorobenzene	180		10.532					
149 2-Methylnaphthalene	142		11.237					
145 Ethylene oxide TIC	1		0.0					
143 Propene oxide TIC	1		0.0					
144 1-Bromopropane TIC	1		0.0					
138 cis-1,4-Dichloro-2-butene	88		0.0					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
135 Hexachloroethane	117		0.0					
137 Methyl acrylate	1		0.0					
136 Nitrobenzene	77		0.0					
S 125 Total BTEX	1		30.000					
S 126 Xylenes, Total	1		30.000					
S 123 1,3-Dichloropropene, Total	1		30.000					
S 124 1,2-Dichloroethene, Total	1		30.000					
T 128 Hexachloroethane TIC	117		0.0					
T 129 Aziridine TIC	1		0.0					
T 127 Ethanol TIC	1		0.0					
T 10 Ethylene oxide	1		0.0					
T 9 bis(2-chloromethyl)ether TIC	1		0.0					
T 130 Bromoethane TIC	1		0.0					
T 131 tert-amyl alcohol TIC	1		0.0					
T 132 bis(chloromethyl)ether TIC	1		0.0					
T 133 Pentachloroethane TIC	1		0.0					
T 134 1-Bromopropane	1		0.0					

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7448.D

Injection Date: 03-Feb-2014 12:39:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: MB

Lab Sample ID: MB 480-164252/7-A

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

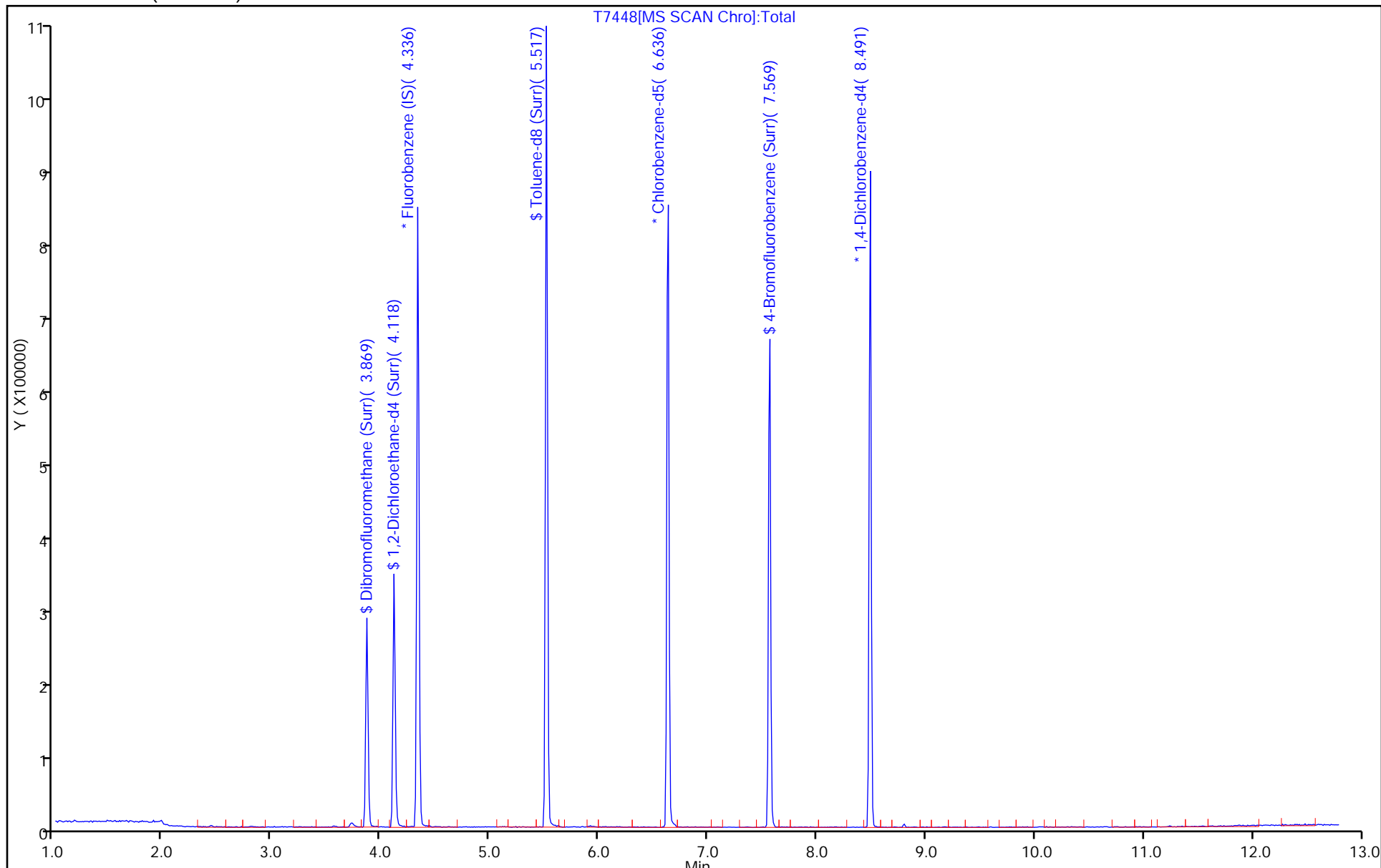
Dil. Factor: 1.0000

ALS Bottle#: 40

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-164250/5
 Matrix: Water Lab File ID: T7446.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 11:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	24.5		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	24.5		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	24.2		1.0	0.23
75-34-3	1,1-Dichloroethane	24.7		1.0	0.38
75-35-4	1,1-Dichloroethene	23.8		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	26.9		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	25.3		1.0	0.39
106-93-4	1,2-Dibromoethane	23.5		1.0	0.73
95-50-1	1,2-Dichlorobenzene	25.4		1.0	0.79
107-06-2	1,2-Dichloroethane	24.6		1.0	0.21
78-87-5	1,2-Dichloropropane	25.3		1.0	0.72
541-73-1	1,3-Dichlorobenzene	25.3		1.0	0.78
106-46-7	1,4-Dichlorobenzene	25.5		1.0	0.84
78-93-3	2-Butanone (MEK)	141		10	1.3
591-78-6	2-Hexanone	124		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	122		5.0	2.1
67-64-1	Acetone	139		10	3.0
71-43-2	Benzene	24.3		1.0	0.41
75-27-4	Bromodichloromethane	25.0		1.0	0.39
75-25-2	Bromoform	28.2		1.0	0.26
74-83-9	Bromomethane	21.9		1.0	0.69
75-15-0	Carbon disulfide	25.1		1.0	0.19
56-23-5	Carbon tetrachloride	24.8		1.0	0.27
108-90-7	Chlorobenzene	25.4		1.0	0.75
75-00-3	Chloroethane	23.3		1.0	0.32
67-66-3	Chloroform	23.4		1.0	0.34
74-87-3	Chloromethane	20.1		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	24.9		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	25.5		1.0	0.36
110-82-7	Cyclohexane	24.5		1.0	0.18
124-48-1	Dibromochloromethane	25.8		1.0	0.32
75-71-8	Dichlorodifluoromethane	14.9		1.0	0.68
100-41-4	Ethylbenzene	25.1		1.0	0.74
98-82-8	Isopropylbenzene	23.4		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-164250/5
 Matrix: Water Lab File ID: T7446.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 11:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	130		2.5	0.50
1634-04-4	Methyl tert-butyl ether	24.5		1.0	0.16
108-87-2	Methylcyclohexane	24.0		1.0	0.16
75-09-2	Methylene Chloride	23.7		1.0	0.44
100-42-5	Styrene	24.0		1.0	0.73
127-18-4	Tetrachloroethene	25.1		1.0	0.36
108-88-3	Toluene	24.6		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	24.8		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	24.7		1.0	0.37
79-01-6	Trichloroethene	25.2		1.0	0.46
75-69-4	Trichlorofluoromethane	22.9		1.0	0.88
75-01-4	Vinyl chloride	20.2		1.0	0.90
1330-20-7	Xylenes, Total	46.8		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		66-137
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
2037-26-5	Toluene-d8 (Surr)	98		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7446.D
 Lims ID: LCS Lab Sample ID: LCS 480-164252/5-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 03-Feb-2014 11:51:30 ALS Bottle#: 38 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 480-0029232-005
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 12:29:07 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK010

First Level Reviewer: goliszekg

Date: 03-Feb-2014 12:29:07

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.0	98	558239	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	85	393077	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	52	199856	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	3.869	3.869	0.0	56	131061	24.8	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	178338	23.2	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	91	546211	24.5	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	84	144199	25.1	
11 Dichlorodifluoromethane	85	0.916	0.905	0.011	87	112096	14.9	
12 Chlorodifluoromethane	51	0.926	0.926	0.0	79	191474	43.2	
13 Chloromethane	50	1.019	1.019	0.0	99	199912	20.1	
14 Vinyl chloride	62	1.102	1.102	0.0	83	165976	20.2	
151 Butadiene	54	1.123	1.123	0.0	90	156510	18.7	
15 Bromomethane	94	1.330	1.330	0.0	90	55393	21.9	
16 Chloroethane	64	1.403	1.403	0.0	95	78601	23.3	
17 Trichlorofluoromethane	101	1.568	1.568	0.0	54	155385	22.9	
18 Dichlorofluoromethane	67	1.568	1.568	0.0	82	209345	23.0	
19 Ethyl ether	59	1.796	1.796	0.0	96	151417	24.8	
148 Ethanol	45	1.796	1.817	-0.021	75	231684	5650.1	E
84 Propene oxide	58	1.869	1.869	0.0	96	265813	NC	
21 Acrolein	56	1.952	1.952	0.0	94	193699	130.7	
20 1,1,2-Trichloro-1,2,2-trifluoro	101	1.983	1.973	0.010	84	129053	24.9	
22 1,1-Dichloroethene	96	1.973	1.973	0.0	86	127168	23.8	
23 Acetone	43	2.107	2.097	0.010	100	379769	139.3	
24 Iodomethane	142	2.107	2.107	0.0	76	208616	27.0	
25 Carbon disulfide	76	2.128	2.128	0.0	99	494827	25.1	
26 Isopropyl alcohol	45	2.283	2.284	-0.001	96	163288	373.3	
27 3-Chloro-1-propene	41	2.304	2.304	0.0	90	283725	26.6	
28 Methyl acetate	43	2.366	2.366	0.0	96	912744	129.7	
29 Acetonitrile	40	2.387	2.377	0.010	95	162205	243.8	
30 Methylene Chloride	84	2.439	2.439	0.0	90	159318	23.7	
31 2-Methyl-2-propanol	59	2.625	2.615	0.010	92	385059	308.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/L	Flags
33 Methyl tert-butyl ether	73	2.636	2.636	0.0	93	516902	24.5	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	65	147808	24.8	
34 Acrylonitrile	53	2.708	2.708	0.0	99	907711	252.3	
35 Hexane	57	2.812	2.812	0.0	91	275577	23.6	
36 1,1-Dichloroethane	63	2.998	2.999	-0.001	85	307227	24.7	
37 Isopropyl ether	45	3.030	3.030	0.0	96	552485	25.2	
38 2-Chloro-1,3-butadiene	53	3.050	3.050	0.0	84	251891	23.2	
39 Vinyl acetate	43	3.071	3.071	0.0	89	992938	61.8	
40 1,1-Dimethoxyethane	75	3.102	3.102	0.0	69	241121	129.6	
41 Tert-butyl ethyl ether	59	3.320	3.320	0.0	99	546478	24.0	
42 2,2-Dichloropropane	77	3.444	3.444	0.0	88	172740	24.5	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	68	158136	24.9	
44 2-Butanone (MEK)	43	3.527	3.527	0.0	100	654116	141.2	M
45 Ethyl acetate	43	3.558	3.558	0.0	0	581235	64.7	M
46 Propionitrile	54	3.620	3.620	0.0	99	368760	297.3	
47 Chlorobromomethane	128	3.672	3.672	0.0	86	79099	25.8	
48 Tetrahydrofuran	42	3.693	3.703	-0.010	32	213489	66.1	
49 Methacrylonitrile	41	3.703	3.703	0.0	92	1438864	258.4	
50 Chloroform	83	3.734	3.734	0.0	67	266099	23.4	
51 1,1,1-Trichloroethane	97	3.828	3.817	0.011	92	217559	24.5	
52 Cyclohexane	56	3.817	3.817	0.0	91	320057	24.5	
53 Carbon tetrachloride	117	3.931	3.931	0.0	84	188882	24.8	
54 1,1-Dichloropropene	75	3.942	3.942	0.0	93	204055	24.4	
55 Benzene	78	4.118	4.118	0.0	96	605594	24.3	
152 Isooctane	57	4.118	4.118	0.0	82	651630	24.7	
56 Isobutyl alcohol	43	4.170	4.170	0.0	86	468845	935.4	
57 1,2-Dichloroethane	62	4.180	4.170	0.010	85	235952	24.6	
147 t-Amyl alcohol	59	4.211	4.211	0.0	82	1001144	249.9	
58 Tert-amyl methyl ether	73	4.211	4.211	0.0	90	1014234	25.5	
59 n-Heptane	43	4.263	4.263	0.0	85	311147	23.1	
60 Trichloroethene	95	4.605	4.605	0.0	94	156544	25.2	
61 n-Butanol	56	4.667	4.667	0.0	89	308936	465.1	
62 Methylcyclohexane	83	4.688	4.688	0.0	94	278221	24.0	
142 Ethyl acrylate	55	4.729	4.729	0.0	71	335596	12.5	M
63 1,2-Dichloropropane	63	4.802	4.802	0.0	96	177477	25.3	
65 Dibromomethane	93	4.905	4.895	0.010	84	103058	25.3	
64 Methyl methacrylate	41	4.895	4.895	0.0	92	377853	49.2	
66 1,4-Dioxane	88	4.926	4.926	0.0	94	53480	537.5	
67 Dichlorobromomethane	83	5.030	5.019	0.011	93	212354	25.0	
68 2-Nitropropane	43	5.237	5.237	0.0	98	222279	79.9	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.0	84	137615	26.0	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.0	90	265272	25.5	
72 4-Methyl-2-pentanone (MIBK)	43	5.475	5.475	0.0	96	1228559	121.7	
73 Toluene	92	5.569	5.569	0.0	99	384249	24.6	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.0	91	239484	24.7	
77 Ethyl methacrylate	69	5.838	5.838	0.0	90	248404	24.6	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.0	88	128228	24.2	
79 Tetrachloroethene	166	5.962	5.962	0.0	86	148702	25.1	
80 1,3-Dichloropropane	76	6.045	6.045	0.0	92	266195	24.1	
81 2-Hexanone	43	6.118	6.118	0.0	95	889065	123.5	
82 Chlorodibromomethane	129	6.221	6.221	0.0	88	155274	25.8	
83 Ethylene Dibromide	107	6.294	6.294	0.0	99	147143	23.5	

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ug/L	Flags
146 1-Chlorohexane	55	6.626	6.626	0.0	91	166114	23.1	
85 3-Chlorobenzotrifluoride	180	6.636	6.636	0.0	89	197706	22.0	
86 Chlorobenzene	112	6.657	6.657	0.0	93	408129	25.4	
87 4-Chlorobenzotrifluoride	180	6.688	6.688	0.0	65	183231	21.7	
88 Ethylbenzene	91	6.729	6.729	0.0	99	733835	25.1	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.0	43	143122	26.0	
90 m-Xylene & p-Xylene	106	6.822	6.823	-0.001	0	268766	23.5	
91 o-Xylene	106	7.133	7.133	0.0	98	258332	23.3	
92 Styrene	104	7.154	7.154	0.0	94	451542	24.0	
93 Bromoform	173	7.330	7.330	0.0	93	105439	28.2	
94 2-Chlorobenzotrifluoride	180	7.361	7.361	0.0	90	196345	22.2	
95 Isopropylbenzene	105	7.424	7.424	0.0	96	690371	23.4	
96 Cyclohexanone	55	7.558	7.558	0.0	90	110367	229.7	
97 Bromobenzene	156	7.683	7.683	0.0	97	160729	25.1	
98 1,1,2,2-Tetrachloroethane	83	7.734	7.734	0.0	82	231720	24.5	
99 N-Propylbenzene	91	7.745	7.745	0.0	99	874466	24.6	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.0	72	66256	23.3	
101 trans-1,4-Dichloro-2-butene	53	7.765	7.766	-0.001	80	81543	26.5	
105 2-Chlorotoluene	126	7.828	7.828	0.0	95	157662	24.9	
103 3-Chlorotoluene	126	7.879	7.880	-0.001	98	176131	25.8	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.0	93	591722	23.6	
102 4-Chlorotoluene	91	7.911	7.911	0.0	95	566311	22.8	
106 tert-Butylbenzene	134	8.149	8.149	0.0	92	125497	26.2	
107 1,2,4-Trimethylbenzene	105	8.190	8.190	0.0	96	610716	23.7	
108 Pentachloroethane	167	8.190	8.191	-0.001	39	95117	28.4	
109 sec-Butylbenzene	105	8.325	8.325	0.0	95	752651	24.1	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.0	98	315455	25.3	
111 4-Isopropyltoluene	119	8.449	8.450	-0.001	97	647095	25.3	
112 Dicyclopentadiene	66	8.481	8.491	-0.010	87	804667	22.5	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.0	93	324960	25.5	
114 1,2,3-Trimethylbenzene	105	8.543	8.543	0.0	88	599177	23.3	
150 Benzyl chloride	126	8.646	8.646	0.0	98	90333	29.3	
115 n-Butylbenzene	91	8.781	8.781	0.0	98	630361	25.6	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.0	90	306406	25.4	
117 1,2-Dibromo-3-Chloropropane	75	9.486	9.486	0.0	79	51189	25.3	
118 1,3,5-Trichlorobenzene	180	9.600	9.600	0.0	96	221438	25.2	
119 1,2,4-Trichlorobenzene	180	10.128	10.128	0.0	94	213061	26.9	
120 Hexachlorobutadiene	225	10.242	10.242	0.0	96	104710	24.9	
121 Naphthalene	128	10.336	10.336	0.0	97	662225	27.3	
122 1,2,3-Trichlorobenzene	180	10.532	10.532	0.0	93	201154	27.2	
149 2-Methylnaphthalene	142	11.237	11.237	0.0	91	352859	24.7	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7446.D

Injection Date: 03-Feb-2014 11:51:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: LCS

Lab Sample ID: LCS 480-164252/5-A

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

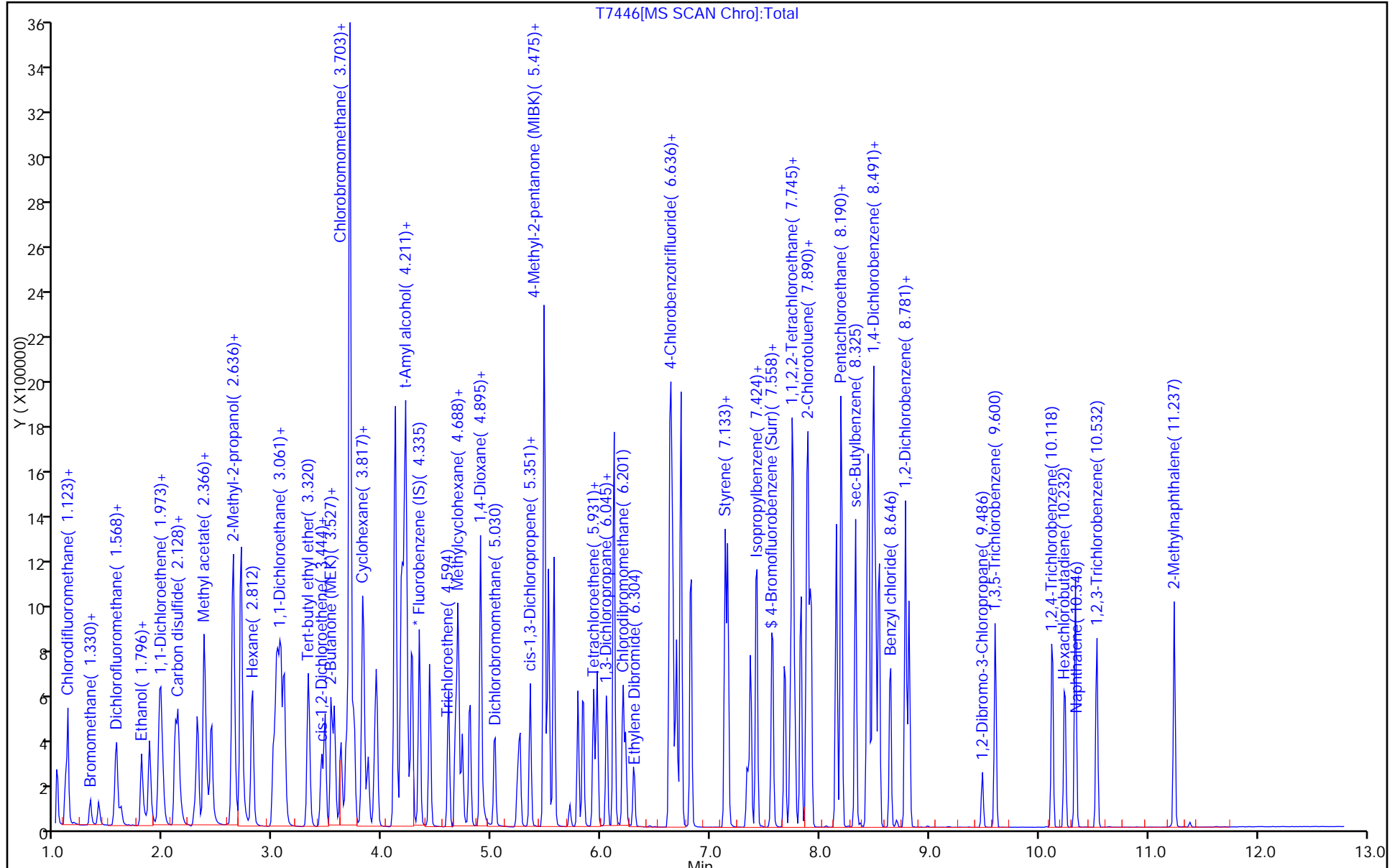
Dil. Factor: 1.0000

ALS Bottle#: 38

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



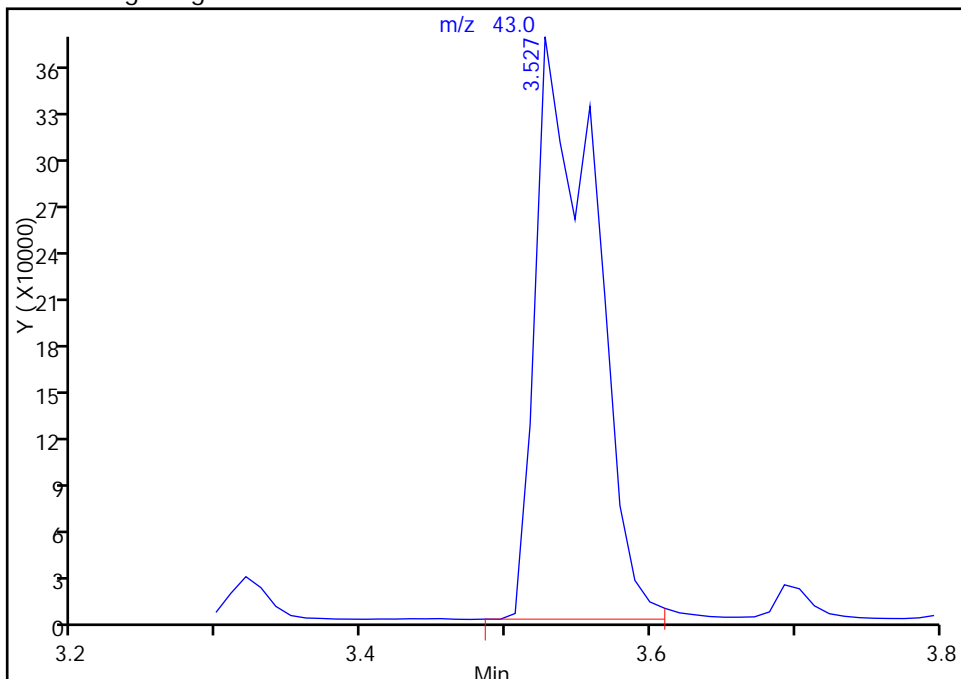
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7446.D
Injection Date: 03-Feb-2014 11:51:30 Instrument ID: HP5975T
Lims ID: LCS Lab Sample ID: LCS 480-164252/5-A
Client ID:
Operator ID: LH/GTG ALS Bottle#: 38 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: T-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

44 2-Butanone (MEK), CAS: 78-93-3

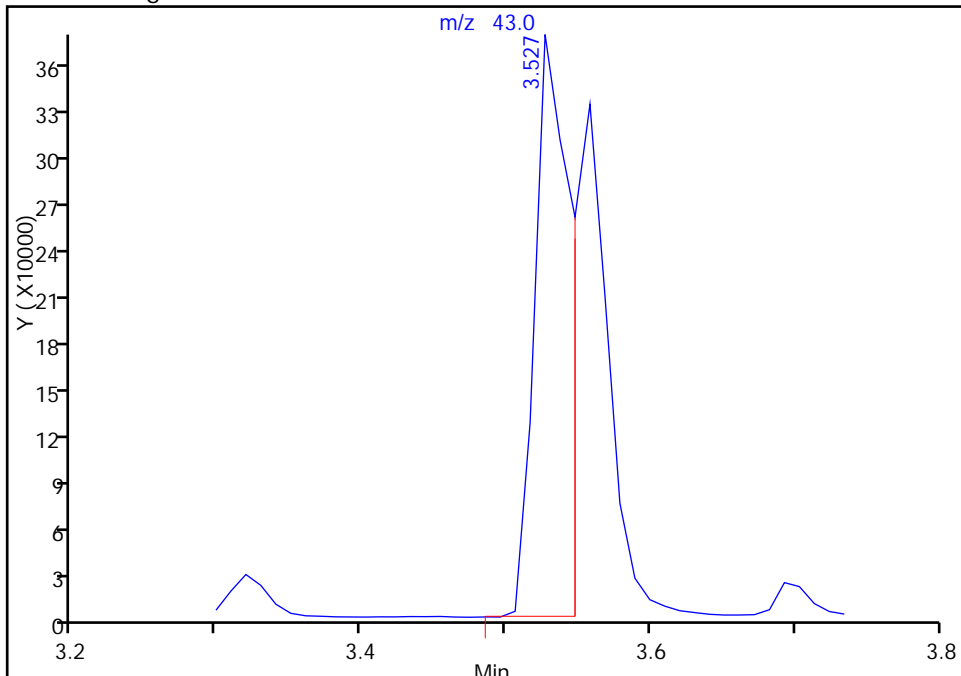
RT: 3.53
Response: 1057089
Amount: 228.2624

Processing Integration Results



RT: 3.53
Response: 654116
Amount: 141.2465

Manual Integration Results



Reviewer: goliszekg, 03-Feb-2014 12:29:07
Audit Action: Manually Integrated
Audit Reason: Coelution

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-16S MS Lab Sample ID: 480-53736-6 MS
 Matrix: Ground Water Lab File ID: T7468.D
 Analysis Method: 8260C Date Collected: 01/22/2014 11:35
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 20:52
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	51300		2000	1600
79-34-5	1,1,2,2-Tetrachloroethane	47000		2000	420
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	47900		2000	620
79-00-5	1,1,2-Trichloroethane	47900		2000	460
75-34-3	1,1-Dichloroethane	49200		2000	760
75-35-4	1,1-Dichloroethene	48000		2000	580
120-82-1	1,2,4-Trichlorobenzene	45000		2000	820
96-12-8	1,2-Dibromo-3-Chloropropane	45200		2000	780
106-93-4	1,2-Dibromoethane	46300		2000	1500
95-50-1	1,2-Dichlorobenzene	49100		2000	1600
107-06-2	1,2-Dichloroethane	48200		2000	420
78-87-5	1,2-Dichloropropane	48700		2000	1400
541-73-1	1,3-Dichlorobenzene	47800		2000	1600
106-46-7	1,4-Dichlorobenzene	47600		2000	1700
78-93-3	2-Butanone (MEK)	251000		20000	2600
591-78-6	2-Hexanone	257000		10000	2500
108-10-1	4-Methyl-2-pentanone (MIBK)	243000		10000	4200
67-64-1	Acetone	249000		20000	6000
71-43-2	Benzene	47700		2000	820
75-27-4	Bromodichloromethane	47500		2000	780
75-25-2	Bromoform	44800		2000	520
74-83-9	Bromomethane	53300		2000	1400
75-15-0	Carbon disulfide	47400		2000	380
56-23-5	Carbon tetrachloride	49500		2000	540
108-90-7	Chlorobenzene	48700		2000	1500
75-00-3	Chloroethane	53000		2000	640
67-66-3	Chloroform	46400		2000	680
74-87-3	Chloromethane	38700		2000	700
156-59-2	cis-1,2-Dichloroethene	89900		2000	1600
10061-01-5	cis-1,3-Dichloropropene	46500		2000	720
110-82-7	Cyclohexane	47900		2000	360
124-48-1	Dibromochloromethane	47200		2000	640
75-71-8	Dichlorodifluoromethane	29900		2000	1400
100-41-4	Ethylbenzene	49000		2000	1500
98-82-8	Isopropylbenzene	45900		2000	1600

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-16S MS Lab Sample ID: 480-53736-6 MS
 Matrix: Ground Water Lab File ID: T7468.D
 Analysis Method: 8260C Date Collected: 01/22/2014 11:35
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 20:52
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	247000		5000	1000
1634-04-4	Methyl tert-butyl ether	47400		2000	320
108-87-2	Methylcyclohexane	45200		2000	320
75-09-2	Methylene Chloride	45200		2000	880
100-42-5	Styrene	47100		2000	1500
127-18-4	Tetrachloroethene	47200		2000	720
108-88-3	Toluene	48400		2000	1000
156-60-5	trans-1,2-Dichloroethene	49500		2000	1800
10061-02-6	trans-1,3-Dichloropropene	44000		2000	740
79-01-6	Trichloroethene	152000		2000	920
75-69-4	Trichlorofluoromethane	47700		2000	1800
75-01-4	Vinyl chloride	44900		2000	1800
1330-20-7	Xylenes, Total	92500		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		66-137
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
2037-26-5	Toluene-d8 (Surr)	98		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7468.D
 Lims ID: 480-53736-A-6 MS Lab Sample ID: 480-53736-6
 Client ID:
 Sample Type: MS
 Inject. Date: 03-Feb-2014 20:52:30 ALS Bottle#: 13 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 2000.0000
 Sample Info: 480-53736-A-6 MS
 Misc. Info.: 480-0029232-027
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 21:48:37 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: larsonr

Date: 03-Feb-2014 21:49:18

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	98	553766	25.0	
* 1 1,4-Difluorobenzene	114		4.429					
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	87	386316	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	69	196741	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	184472	24.2	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	91	538557	24.6	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	85	142946	25.3	
11 Dichlorodifluoromethane	85	0.916	0.905	0.011	87	111867	15.0	
13 Chloromethane	50	1.030	1.019	0.011	89	191074	19.4	
14 Vinyl chloride	62	1.102	1.102	0.0	83	182422	22.4	
15 Bromomethane	94	1.330	1.330	0.0	91	66893	26.6	
16 Chloroethane	64	1.403	1.403	0.0	95	88716	26.5	
17 Trichlorofluoromethane	101	1.569	1.568	0.001	53	160262	23.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.983	1.973	0.010	84	122923	23.9	
22 1,1-Dichloroethene	96	1.973	1.973	0.0	86	126953	24.0	
23 Acetone	43	2.108	2.097	0.011	99	337149	124.7	
25 Carbon disulfide	76	2.128	2.128	0.0	100	464699	23.7	
28 Methyl acetate	43	2.367	2.366	0.001	97	863167	123.7	
30 Methylene Chloride	84	2.439	2.439	0.0	94	151434	22.6	
33 Methyl tert-butyl ether	73	2.636	2.636	0.0	93	497350	23.7	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	70	146519	24.7	
36 1,1-Dichloroethane	63	3.009	2.999	0.010	85	302801	24.6	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	72	282771	45.0	
44 2-Butanone (MEK)	43	3.527	3.527	0.0	99	577650	125.7	
50 Chloroform	83	3.745	3.734	0.011	81	261837	23.2	
51 1,1,1-Trichloroethane	97	3.828	3.817	0.011	90	226462	25.7	
52 Cyclohexane	56	3.817	3.817	0.0	91	309972	24.0	
53 Carbon tetrachloride	117	3.931	3.931	0.0	88	186636	24.8	
55 Benzene	78	4.118	4.118	0.0	96	589444	23.8	
57 1,2-Dichloroethane	62	4.180	4.170	0.010	91	229218	24.1	
60 Trichloroethene	95	4.605	4.605	0.0	94	469200	76.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
62 Methylcyclohexane	83	4.688	4.688	0.0	95	260254	22.6	
63 1,2-Dichloropropane	63	4.802	4.802	0.0	94	169739	24.3	
67 Dichlorobromomethane	83	5.030	5.019	0.011	93	200387	23.8	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.0	90	240266	23.3	
72 4-Methyl-2-pentanone (MIBK)	43	5.476	5.475	0.001	97	1204696	121.4	
73 Toluene	92	5.569	5.569	0.0	98	370966	24.2	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.0	91	210016	22.0	
78 1,1,2-Trichloroethane	83	5.932	5.931	0.001	87	124993	24.0	
79 Tetrachloroethene	166	5.963	5.962	0.001	85	137137	23.6	
81 2-Hexanone	43	6.118	6.118	0.0	96	907771	128.3	
82 Chlorodibromomethane	129	6.222	6.221	0.001	89	139310	23.6	
83 Ethylene Dibromide	107	6.294	6.294	0.0	99	142195	23.1	
86 Chlorobenzene	112	6.657	6.657	0.0	93	384084	24.4	
88 Ethylbenzene	91	6.729	6.729	0.0	99	704042	24.5	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.0	0	259297	23.1	
91 o-Xylene	106	7.134	7.133	0.001	99	252380	23.1	
92 Styrene	104	7.154	7.154	0.0	94	434465	23.5	
93 Bromoform	173	7.331	7.330	0.001	94	82199	22.4	
95 Isopropylbenzene	105	7.424	7.424	0.0	96	668045	23.0	
98 1,1,2,2-Tetrachloroethane	83	7.735	7.734	0.001	85	218959	23.5	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.0	95	293250	23.9	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.0	93	298506	23.8	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.0	90	291370	24.5	
117 1,2-Dibromo-3-Chloropropane	75	9.486	9.486	0.0	77	44955	22.6	
119 1,2,4-Trichlorobenzene	180	10.118	10.128	-0.010	93	175609	22.5	
S 126 Xylenes, Total	1				0		46.2	

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7468.D

Injection Date: 03-Feb-2014 20:52:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: 480-53736-A-6 MS

Lab Sample ID: 480-53736-6

Worklist Smp#: 27

Client ID:

Purge Vol: 5.000 mL

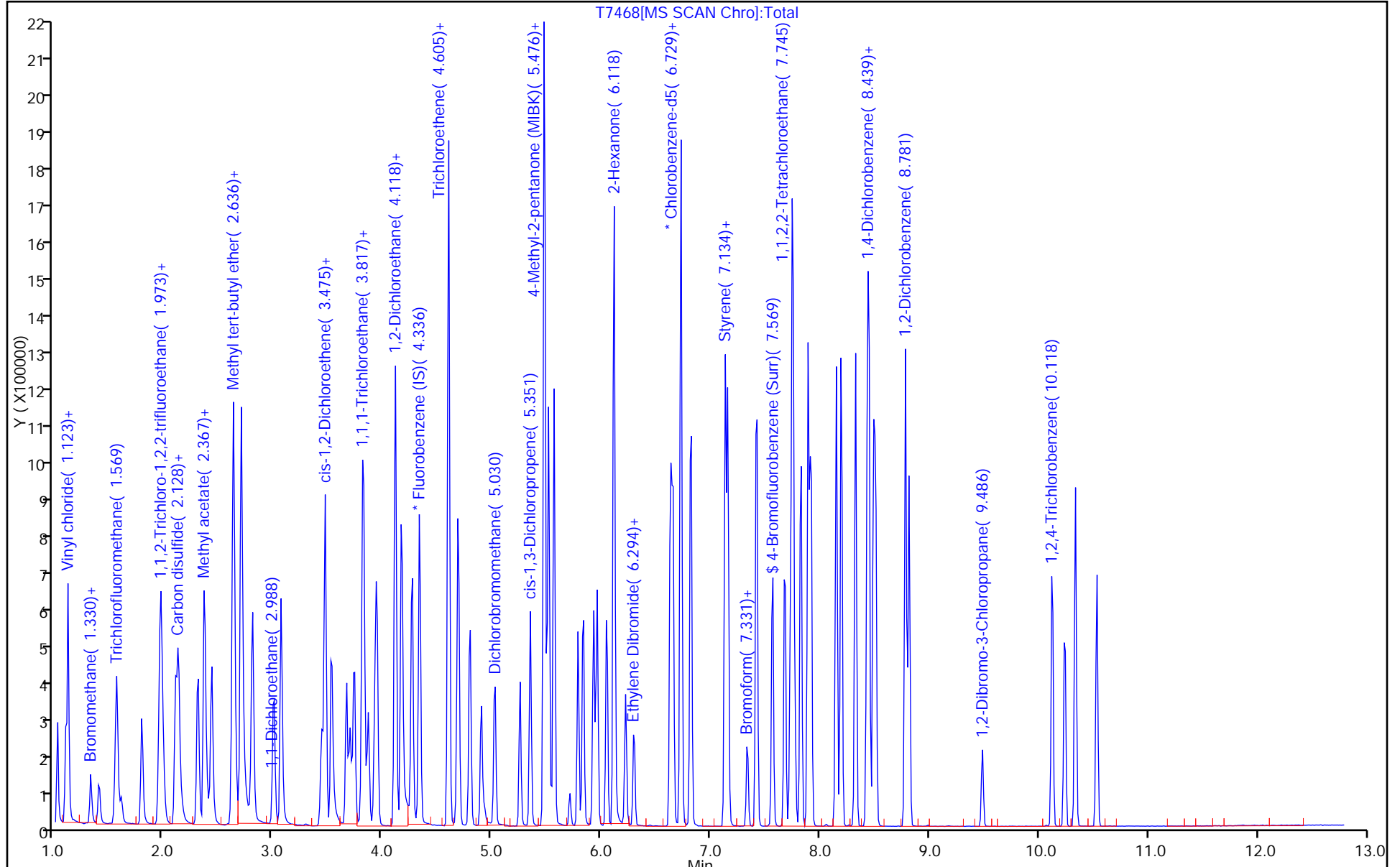
Dil. Factor: 2000.0000

ALS Bottle#: 13

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-16S MSD Lab Sample ID: 480-53736-6 MSD
 Matrix: Ground Water Lab File ID: T7469.D
 Analysis Method: 8260C Date Collected: 01/22/2014 11:35
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 21:16
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	49300		2000	1600
79-34-5	1,1,2,2-Tetrachloroethane	47100		2000	420
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	45900		2000	620
79-00-5	1,1,2-Trichloroethane	47100		2000	460
75-34-3	1,1-Dichloroethane	48400		2000	760
75-35-4	1,1-Dichloroethene	45400		2000	580
120-82-1	1,2,4-Trichlorobenzene	45300		2000	820
96-12-8	1,2-Dibromo-3-Chloropropane	46400		2000	780
106-93-4	1,2-Dibromoethane	46200		2000	1500
95-50-1	1,2-Dichlorobenzene	48400		2000	1600
107-06-2	1,2-Dichloroethane	47600		2000	420
78-87-5	1,2-Dichloropropane	48500		2000	1400
541-73-1	1,3-Dichlorobenzene	48000		2000	1600
106-46-7	1,4-Dichlorobenzene	47900		2000	1700
78-93-3	2-Butanone (MEK)	254000		20000	2600
591-78-6	2-Hexanone	259000		10000	2500
108-10-1	4-Methyl-2-pentanone (MIBK)	248000		10000	4200
67-64-1	Acetone	252000		20000	6000
71-43-2	Benzene	47100		2000	820
75-27-4	Bromodichloromethane	47000		2000	780
75-25-2	Bromoform	47800		2000	520
74-83-9	Bromomethane	51400		2000	1400
75-15-0	Carbon disulfide	45900		2000	380
56-23-5	Carbon tetrachloride	47500		2000	540
108-90-7	Chlorobenzene	48500		2000	1500
75-00-3	Chloroethane	50700		2000	640
67-66-3	Chloroform	45300		2000	680
74-87-3	Chloromethane	38400		2000	700
156-59-2	cis-1,2-Dichloroethene	87600		2000	1600
10061-01-5	cis-1,3-Dichloropropene	46200		2000	720
110-82-7	Cyclohexane	46200		2000	360
124-48-1	Dibromochloromethane	48200		2000	640
75-71-8	Dichlorodifluoromethane	29100		2000	1400
100-41-4	Ethylbenzene	48200		2000	1500
98-82-8	Isopropylbenzene	44900		2000	1600

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1
 SDG No.: _____
 Client Sample ID: MW-16S MSD Lab Sample ID: 480-53736-6 MSD
 Matrix: Ground Water Lab File ID: T7469.D
 Analysis Method: 8260C Date Collected: 01/22/2014 11:35
 Sample wt/vol: 5(mL) Date Analyzed: 02/03/2014 21:16
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 164250 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	249000		5000	1000
1634-04-4	Methyl tert-butyl ether	46500		2000	320
108-87-2	Methylcyclohexane	44400		2000	320
75-09-2	Methylene Chloride	44200		2000	880
100-42-5	Styrene	47200		2000	1500
127-18-4	Tetrachloroethene	47000		2000	720
108-88-3	Toluene	47900		2000	1000
156-60-5	trans-1,2-Dichloroethene	48900		2000	1800
10061-02-6	trans-1,3-Dichloropropene	44900		2000	740
79-01-6	Trichloroethene	148000		2000	920
75-69-4	Trichlorofluoromethane	46500		2000	1800
75-01-4	Vinyl chloride	43700		2000	1800
1330-20-7	Xylenes, Total	91000		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		66-137
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120
2037-26-5	Toluene-d8 (Surr)	100		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7469.D
 Lims ID: 480-53736-A-6 MSD Lab Sample ID: 480-53736-6
 Client ID:
 Sample Type: MSD
 Inject. Date: 03-Feb-2014 21:16:30 ALS Bottle#: 14 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 2000.0000
 Sample Info: 480-53736-A-6 MSD
 Misc. Info.: 480-0029232-028
 Operator ID: LH/GTG Instrument ID: HP5975T
 Method: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 03-Feb-2014 21:48:37 Calib Date: 29-Jan-2014 01:25:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20140128-29103.b\T7284.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: larsonr

Date: 03-Feb-2014 21:50:03

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	98	553730	25.0	
* 1 1,4-Difluorobenzene	114		4.429					
* 2 Chlorobenzene-d5	117	6.636	6.636	0.0	86	378386	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.0	96	194531	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.118	4.118	0.0	0	183517	24.1	
\$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.0	91	535892	25.0	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.569	7.569	0.0	86	143193	25.9	
11 Dichlorodifluoromethane	85	0.905	0.905	0.0	87	108929	14.6	
13 Chloromethane	50	1.019	1.019	0.0	88	189365	19.2	
14 Vinyl chloride	62	1.102	1.102	0.0	84	177620	21.8	
15 Bromomethane	94	1.330	1.330	0.0	91	64479	25.7	
16 Chloroethane	64	1.403	1.403	0.0	95	84887	25.3	
17 Trichlorofluoromethane	101	1.569	1.568	0.001	55	156309	23.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.973	1.973	0.0	83	117764	22.9	
22 1,1-Dichloroethene	96	1.973	1.973	0.0	86	120104	22.7	
23 Acetone	43	2.107	2.097	0.010	100	340272	125.8	
25 Carbon disulfide	76	2.128	2.128	0.0	100	449773	23.0	
28 Methyl acetate	43	2.367	2.366	0.001	97	868158	124.4	
30 Methylene Chloride	84	2.439	2.439	0.0	92	148252	22.1	
33 Methyl tert-butyl ether	73	2.636	2.636	0.0	94	487919	23.3	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.0	67	144885	24.5	
36 1,1-Dichloroethane	63	2.999	2.999	0.0	85	298012	24.2	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.0	70	275436	43.8	
44 2-Butanone (MEK)	43	3.527	3.527	0.0	99	583321	127.0	
50 Chloroform	83	3.734	3.734	0.0	81	255392	22.6	
51 1,1,1-Trichloroethane	97	3.828	3.817	0.011	90	217527	24.7	
52 Cyclohexane	56	3.817	3.817	0.0	91	299039	23.1	
53 Carbon tetrachloride	117	3.931	3.931	0.0	86	179232	23.8	
55 Benzene	78	4.118	4.118	0.0	96	582469	23.6	
57 1,2-Dichloroethane	62	4.180	4.170	0.010	91	226289	23.8	
60 Trichloroethene	95	4.605	4.605	0.0	94	455250	73.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/L	Flags
62 Methylcyclohexane	83	4.688	4.688	0.0	94	255660	22.2	
63 1,2-Dichloropropane	63	4.802	4.802	0.0	95	169149	24.3	
67 Dichlorobromomethane	83	5.030	5.019	0.011	93	198099	23.5	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.0	90	238403	23.1	
72 4-Methyl-2-pentanone (MIBK)	43	5.475	5.475	0.0	97	1206949	124.2	
73 Toluene	92	5.569	5.569	0.0	98	359481	23.9	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.0	91	209801	22.4	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.0	87	120284	23.5	
79 Tetrachloroethene	166	5.963	5.962	0.001	86	133995	23.5	
81 2-Hexanone	43	6.118	6.118	0.0	95	895681	129.3	
82 Chlorodibromomethane	129	6.222	6.221	0.001	89	139305	24.1	
83 Ethylene Dibromide	107	6.294	6.294	0.0	98	139006	23.1	
86 Chlorobenzene	112	6.657	6.657	0.0	93	374831	24.3	
88 Ethylbenzene	91	6.729	6.729	0.0	99	677769	24.1	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.0	0	249050	22.6	
91 o-Xylene	106	7.134	7.133	0.001	99	244172	22.9	
92 Styrene	104	7.154	7.154	0.0	94	427067	23.6	
93 Bromoform	173	7.330	7.330	0.0	95	85962	23.9	
95 Isopropylbenzene	105	7.424	7.424	0.0	96	645532	22.5	
98 1,1,2,2-Tetrachloroethane	83	7.735	7.734	0.001	85	216544	23.5	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.0	95	291229	24.0	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.0	93	296487	23.9	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.0	93	284114	24.2	
117 1,2-Dibromo-3-Chloropropane	75	9.486	9.486	0.0	80	45709	23.2	
119 1,2,4-Trichlorobenzene	180	10.118	10.128	-0.010	92	174959	22.7	
S 126 Xylenes, Total	1				0		45.5	

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140203-29232.b\T7469.D

Injection Date: 03-Feb-2014 21:16:30

Instrument ID: HP5975T

Operator ID: LH/GTG

Lims ID: 480-53736-A-6 MSD

Lab Sample ID: 480-53736-6

Worklist Smp#: 28

Client ID:

Purge Vol: 5.000 mL

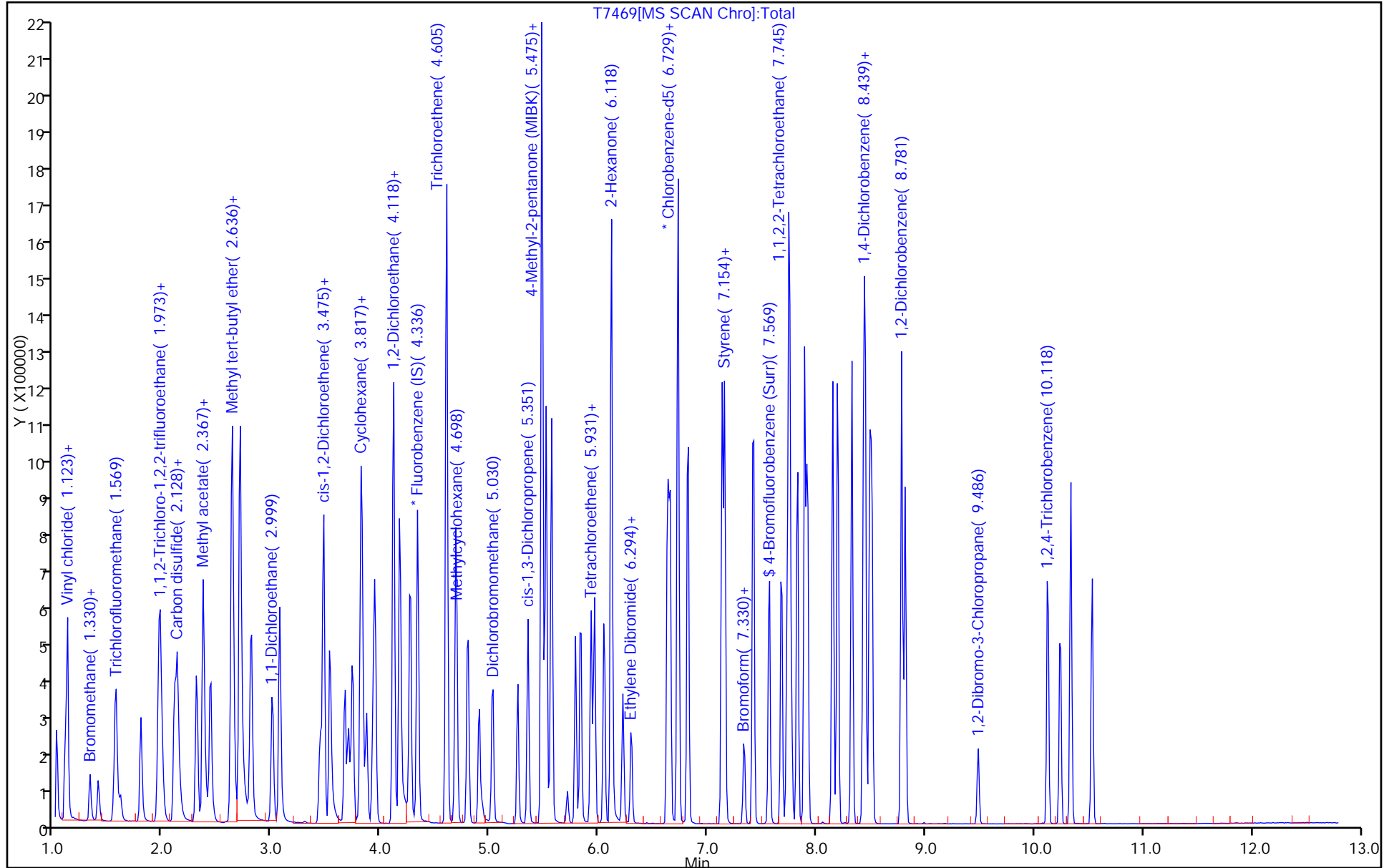
Dil. Factor: 2000.0000

ALS Bottle#: 14

Method: T-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1

SDG No.: _____

Instrument ID: HP5975T Start Date: 01/28/2014 18:13Analysis Batch Number: 163563 End Date: 01/29/2014 03:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-163563/26		01/28/2014 18:13	1	T7267.D	ZB-624 (60) 0.25 (mm)
IC 480-163563/5		01/28/2014 19:01	1	T7269.D	ZB-624 (60) 0.25 (mm)
IC 480-163563/6		01/28/2014 19:25	1	T7270.D	ZB-624 (60) 0.25 (mm)
IC 480-163563/7		01/28/2014 19:49	1	T7271.D	ZB-624 (60) 0.25 (mm)
IC 480-163563/8		01/28/2014 20:13	1	T7272.D	ZB-624 (60) 0.25 (mm)
ICIS 480-163563/9		01/28/2014 20:36	1	T7273.D	ZB-624 (60) 0.25 (mm)
IC 480-163563/10		01/28/2014 21:00	1	T7274.D	ZB-624 (60) 0.25 (mm)
IC 480-163563/11		01/28/2014 21:24	1	T7275.D	ZB-624 (60) 0.25 (mm)
IC 480-163563/14		01/28/2014 23:01	1		ZB-624 (60) 0.25 (mm)
IC 480-163563/16		01/28/2014 23:49	1		ZB-624 (60) 0.25 (mm)
IC 480-163563/17		01/29/2014 00:13	1		ZB-624 (60) 0.25 (mm)
IC 480-163563/18		01/29/2014 00:37	1		ZB-624 (60) 0.25 (mm)
IC 480-163563/19		01/29/2014 01:01	1		ZB-624 (60) 0.25 (mm)
IC 480-163563/20		01/29/2014 01:25	1		ZB-624 (60) 0.25 (mm)
MDLV 480-163563/22		01/29/2014 02:12	1		ZB-624 (60) 0.25 (mm)
ICV 480-163563/24		01/29/2014 03:00	1		ZB-624 (60) 0.25 (mm)
ICV 480-163563/25		01/29/2014 03:23	1		ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-53736-1

SDG No.: _____

Instrument ID: HP5975T Start Date: 02/03/2014 09:42

Analysis Batch Number: 164250 End Date: 02/03/2014 21:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-164250/2		02/03/2014 09:42	1	T7442.D	ZB-624 (60) 0.25 (mm)
CCVIS 480-164250/29		02/03/2014 10:49	1	T7444.D	ZB-624 (60) 0.25 (mm)
CCV 480-164250/4		02/03/2014 11:27	1		ZB-624 (60) 0.25 (mm)
LCS 480-164250/5		02/03/2014 11:51	1	T7446.D	ZB-624 (60) 0.25 (mm)
MB 480-164250/7		02/03/2014 12:39	1	T7448.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		02/03/2014 13:17	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		02/03/2014 13:41	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		02/03/2014 14:05	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		02/03/2014 14:29	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		02/03/2014 14:53	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		02/03/2014 15:17	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		02/03/2014 15:41	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		02/03/2014 16:05	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		02/03/2014 16:29	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		02/03/2014 16:53	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		02/03/2014 17:18	1		ZB-624 (60) 0.25 (mm)
480-53736-1	MW-2	02/03/2014 17:41	1	T7460.D	ZB-624 (60) 0.25 (mm)
480-53736-2	MW-3	02/03/2014 18:05	1	T7461.D	ZB-624 (60) 0.25 (mm)
480-53736-3	MW-6	02/03/2014 18:29	1	T7462.D	ZB-624 (60) 0.25 (mm)
480-53736-4	MW-10	02/03/2014 18:53	1	T7463.D	ZB-624 (60) 0.25 (mm)
480-53736-5	MW-11	02/03/2014 19:17	1	T7464.D	ZB-624 (60) 0.25 (mm)
480-53736-8	Rinse	02/03/2014 19:41	1	T7465.D	ZB-624 (60) 0.25 (mm)
480-53736-6	MW-16S	02/03/2014 20:05	2000	T7466.D	ZB-624 (60) 0.25 (mm)
480-53736-7	Duplicate	02/03/2014 20:29	2000	T7467.D	ZB-624 (60) 0.25 (mm)
480-53736-6 MS	MW-16S MS	02/03/2014 20:52	2000	T7468.D	ZB-624 (60) 0.25 (mm)
480-53736-6 MSD	MW-16S MSD	02/03/2014 21:16	2000	T7469.D	ZB-624 (60) 0.25 (mm)

GC/MS VOA Worksheet

Batch Number: 480-164250

Date Open: Feb 03 2014 9:42AM

Method: 8260C

Batch End:

Analyst: Larson, Renee A

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	2MTP_WRK_00029	3MTP_WRK_00032
BFB~480-164250/2		8260C			1 uL	1 uL	HP5975T		
CCV~480-164250/4		8260C			5 mL	5 mL	HP5975T	12.5 uL	12.5 uL
LCS~480-164250/5		8260C			5 mL	5 mL	HP5975T		
MB~480-164250/7		8260C			5 mL	5 mL	HP5975T		
480-53650-A-1	PW02	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53650-A-2	TBK	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53711-G-1	DUP01	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53711-G-2	G-01D	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53711-G-3	G-02S	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53711-G-4	G-09DR	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53725-B-1	SIMW-15D	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53725-B-2	SIMW-15M	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53725-B-3	SIMW-5	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53725-B-4	EPAC-6S	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53725-A-5	Trip Blank-06	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53736-A-1	MW-2	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53736-A-2	MW-3	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53736-A-3	MW-6	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53736-A-4	MW-10	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53736-A-5	MW-11	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53736-A-6	MW-16S	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53736-A-7	Duplicate	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53736-A-8	Rinse	8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53736-A-6~MS		8260C	T	<2 SU	5 mL	5 mL	HP5975T		
480-53736-A-6~MS		8260C	T	<2 SU	5 mL	5 mL	HP5975T		

D

GC/MS VOA Worksheet

Batch Number: 480-164250
 Method: 8260C
 Analyst: Larson, Renee A

Date Open: Feb 03 2014 9:42AM
 Batch End:

Lab ID	Client ID	Method Chain	Basis	8260 CORP mix_00004	ADD CORP mix_00004	BFB_WRK_00032	Epichloro WRK_00001	GAS CORP mix_00008	T_8260_IS_00070
BFB~480-164250/2		8260C				1 uL			
CCV~480-164250/4		8260C			12.5 uL		12.5 uL		1 uL
LCS~480-164250/5		8260C		12.5 uL	12.5 uL			12.5 uL	1 uL
MB~480-164250/7		8260C							1 uL
480-53650-A-1	PW02	8260C	T						1 uL
480-53650-A-2	TBK	8260C	T						1 uL
480-53711-G-1	DUP01	8260C	T						1 uL
480-53711-G-2	G-01D	8260C	T						1 uL
480-53711-G-3	G-02S	8260C	T						1 uL
480-53711-G-4	G-09DR	8260C	T						1 uL
480-53725-B-1	SIMW-15D	8260C	T						1 uL
480-53725-B-2	SIMW-15M	8260C	T						1 uL
480-53725-B-3	SIMW-5	8260C	T						1 uL
480-53725-B-4	EPAC-6S	8260C	T						1 uL
480-53725-A-5	Trip Blank-06	8260C	T						1 uL
480-53736-A-1	MW-2	8260C	T						1 uL
480-53736-A-2	MW-3	8260C	T						1 uL
480-53736-A-3	MW-6	8260C	T						1 uL
480-53736-A-4	MW-10	8260C	T						1 uL
480-53736-A-5	MW-11	8260C	T						1 uL
480-53736-A-6	MW-16S	8260C	T						1 uL
480-53736-A-7	Duplicate	8260C	T						1 uL
480-53736-A-8	Rinse	8260C	T						1 uL
480-53736-A-6~MS		8260C	T	12.5 uL				12.5 uL	1 uL
480-53736-A-6~MS D		8260C	T	12.5 uL				12.5 uL	1 uL

GC/MS VOA Worksheet

Batch Number: 480-164250

Date Open: Feb 03 2014 9:42AM

Method: 8260C

Batch End:

Analyst: Larson, Renee A

Lab ID	Client ID	Method Chain	Basis	T_8260_Surr_00070
BFB~480-164250/2		8260C		
CCV~480-164250/4		8260C		1 uL
LCS~480-164250/5		8260C		1 uL
MB~480-164250/7		8260C		1 uL
480-53650-A-1	PW02	8260C	T	1 uL
480-53650-A-2	TBK	8260C	T	1 uL
480-53711-G-1	DUP01	8260C	T	1 uL
480-53711-G-2	G-01D	8260C	T	1 uL
480-53711-G-3	G-02S	8260C	T	1 uL
480-53711-G-4	G-09DR	8260C	T	1 uL
480-53725-B-1	SIMW-15D	8260C	T	1 uL
480-53725-B-2	SIMW-15M	8260C	T	1 uL
480-53725-B-3	SIMW-5	8260C	T	1 uL
480-53725-B-4	EPAC-6S	8260C	T	1 uL
480-53725-A-5	Trip Blank-06	8260C	T	1 uL
480-53736-A-1	MW-2	8260C	T	1 uL
480-53736-A-2	MW-3	8260C	T	1 uL
480-53736-A-3	MW-6	8260C	T	1 uL
480-53736-A-4	MW-10	8260C	T	1 uL
480-53736-A-5	MW-11	8260C	T	1 uL
480-53736-A-6	MW-16S	8260C	T	1 uL
480-53736-A-7	Duplicate	8260C	T	1 uL
480-53736-A-8	Rinse	8260C	T	1 uL
480-53736-A-6-MS		8260C	T	1 uL
480-53736-A-6-MS		8260C	T	1 uL
D				

GC/MS VOA Worksheet

Batch Number: 480-164250

Method: 8260C

Analyst: Larson, Renee A

Date Open: Feb 03 2014 9:42AM

Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	2MTP_WRK_00029	3MTP_WRK_00032
CCVIS~480-164250/ 29		8260C			5 mL	5 mL	HP5975T		

GC/MS VOA Worksheet

Batch Number: 480-164250

Method: 8260C

Analyst: Larson, Renee A

Date Open: Feb 03 2014 9:42AM

Batch End:

Lab ID	Client ID	Method Chain	Basis	8260 CORP mix_00004	ADD CORP mix_00004	BFB_WRK_00032	Epichloro WRK_00001	GAS CORP mix_00008	T_8260_IS_00070
CCVIS~480-164250/ 29		8260C		12.5 uL				12.5 uL	1 uL

GC/MS VOA Worksheet

Batch Number: 480-164250

Method: 8260C

Analyst: Larson, Renee A

Date Open: Feb 03 2014 9:42AM

Batch End:

Lab ID	Client ID	Method Chain	Basis	T_8260_Surr_00070
CCVIS~480-164250/ 29		8260C		1 uL

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____
 Drinking Water? Yes No

Chain of Custody Record

TAL-4124 (1007)

Client: **AECOM** Project Manager: **Dino Zuck** Date: **1/22/14** Chain of Custody Number: **263340**
 Address: **100 Corporate Pkwy, Suite 341** Telephone Number (Area Code)/Fax Number: **716-836-4506 ext.15** Lab Number: **Buf** Page **1** of **1**
 City: **Amherst** Site Contact: **D. Zuck** Lab Contact: **B. Fischer**

Project Name and Location (State): **Scott Aviation 1Q14 / New York** Carrier/Maybill Number: _____
 Contract/Purchase Order/Quote No.: _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives				Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt		
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl			NaOH	ZnAc
MW-2	1/21/14	1430	X											
MW-3	1/21/14	1600	X											
MW-6	1/22/14	1000	X											
MW-10	1/22/14	1100	X											
MW-11	1/21/14	1515	Y											
MW-16S	1/22/14	1135	X											
Dup	1/22/14	1200	X											
Rinse	1/22/14	0800	X											
Trip	1/22/14		X											

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: 24 Hours 48 Hours 7 Days 14 Days 21 Days Other **STD**

1. Relinquished By: **Dino Zuck** Date: **1/22/14** Time: **1500hrs** Received By: **Dino Zuck** Date: **1/23/14** Time: **0800**
 2. Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____

Comments: **Note: MW-4 and MW-12 were not sampled** #1 3.8

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-53736-1

Login Number: 53736
List Number: 1
Creator: Stau, Brandon M

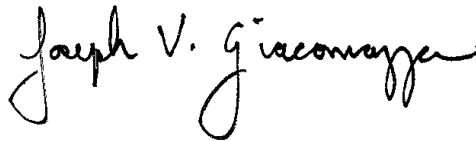
List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	aecom
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

Job Number: 480-53849-1
Job Description: Scott Aviation site

For:
AECOM, Inc.
100 Corporate Parkway
Suite 341
Amherst, NY 14226
Attention: Mr. Dino Zack



Approved for release.
Joe V Giacomazza
Project Management Assistant II
1/30/2014 1:57 PM

Designee for
Brian J Fischer, Manager of Project Management
10 Hazelwood Drive, Amherst, NY, 14228-2298
(716)504-9835
brian.fischer@testamericainc.com
01/30/2014

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report. TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

TestAmerica Laboratories, Inc.

TestAmerica Buffalo 10 Hazelwood Drive, Amherst, NY 14228-2298
Tel (716) 691-2600 Fax (716) 691-7991 www.testamericainc.com



Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Manual Integration Summary	5
Sample Summary	7
Executive Summary	8
Method Summary	9
Method / Analyst Summary	10
Sample Datasheets	11
QC Data Summary	14
Data Qualifiers	20
QC Association Summary	21
Lab Chronicle	22
Certification Summary	23
Organic Sample Data	24
Air - GC/MS VOA	24
TO15	24
TO15 QC Summary	25
TO15 Sample Data	32
Standards Data	60
TO15 ICAL Data	60
TO15 CCAL Data	115
Raw QC Data	130
TO15 Tune Data	130
TO15 Blank Data	138
TO15 LCS/LCSD Data	147

Table of Contents

TO15 Run Logs	154
Pre-shipment Certification	156
LCS Data	157
Blank Data	159
Tune Data	167
IS/RT Data	169
Clean Canister Data	171
ICAL Data	178
ICV/CCV Data	188
Run Logs	194
Subcontracted Data	198
Shipping and Receiving Documents	199
Client Chain of Custody	200
Sample Receipt Checklist	201
Interlab Coc (where applicable)	202

Job Narrative
480-53849-1

Receipt

The sample was received on 1/24/2014 10:20 AM; the sample arrived in good condition, properly preserved and, where required, on ice.

Air Toxics

Method(s) TO-15: The continuing calibration verification (CCV) associated with batch67709 recovered above the upper control limit for hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: 1Q14 AS (480-53849-1).

No other analytical or quality issues were noted.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-53849-1

SDG No.: _____

Instrument ID: CHG.i Analysis Batch Number: 67034

Lab Sample ID: IC 200-67034/3 Client Sample ID: _____

Date Analyzed: 01/10/14 10:43 Lab File ID: gin03.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	3.81	Peak not found by the data system	lyonsb	01/13/14 10:53
Carbon tetrachloride	11.32	Baseline Event	lyonsb	01/13/14 10:53
Trichloroethene	13.15	Baseline Event	lyonsb	01/13/14 10:53
Tetrachloroethene	16.99	Baseline Event	lyonsb	01/13/14 10:53

Lab Sample ID: IC 200-67034/4 Client Sample ID: _____

Date Analyzed: 01/10/14 11:30 Lab File ID: gin04.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.33	Baseline Event	lyonsb	01/13/14 10:51
tert-Butyl alcohol	7.89	Peak not found by the data system	lyonsb	01/13/14 10:51
cis-1,2-Dichloroethene	10.13	Baseline Event	lyonsb	01/13/14 10:51
Chloroform	10.73	Baseline Event	lyonsb	01/13/14 10:51
Cyclohexane	11.02	Baseline Event	lyonsb	01/13/14 10:51
1,2-Dichloropropane	13.72	Baseline Event	lyonsb	01/13/14 10:51

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-53849-1

SDG No.: _____

Instrument ID: CHG.i Analysis Batch Number: 67709

Lab Sample ID: 480-53849-1 Client Sample ID: 1Q14 AS

Date Analyzed: 01/28/14 23:55 Lab File ID: 5881019.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	6.74	Peak not found by the data system	desjardin sb	01/29/14 09:16
Methyl Ethyl Ketone	10.17	Peak not found by the data system	desjardin sb	01/29/14 09:16

SAMPLE SUMMARY

Client: AECOM, Inc.

Job Number: 480-53849-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-53849-1	1Q14 AS	Air	01/21/2014 0900	01/24/2014 1020

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-53849-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-53849-1	1Q14 AS					
1,1-Dichloroethane		0.26		0.20	ppb v/v	TO-15
1,1-Dichloroethane		1.0		0.81	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.21		0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.1		0.98	ug/m3	TO-15
1,2-Dichloroethene, Total		3.1		0.20	ppb v/v	TO-15
1,2-Dichloroethene, Total		12		0.79	ug/m3	TO-15
2,2,4-Trimethylpentane		0.26		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		1.2		0.93	ug/m3	TO-15
Benzene		0.70		0.20	ppb v/v	TO-15
Benzene		2.2		0.64	ug/m3	TO-15
Carbon disulfide		0.97		0.50	ppb v/v	TO-15
Carbon disulfide		3.0		1.6	ug/m3	TO-15
Chloroethane		2.6		0.50	ppb v/v	TO-15
Chloroethane		6.7		1.3	ug/m3	TO-15
cis-1,2-Dichloroethene		3.1		0.20	ppb v/v	TO-15
cis-1,2-Dichloroethene		12		0.79	ug/m3	TO-15
Cyclohexane		0.28		0.20	ppb v/v	TO-15
Cyclohexane		0.97		0.69	ug/m3	TO-15
Dichlorodifluoromethane		0.51		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5		2.5	ug/m3	TO-15
Ethylbenzene		0.26		0.20	ppb v/v	TO-15
Ethylbenzene		1.1		0.87	ug/m3	TO-15
m,p-Xylene		0.94		0.50	ppb v/v	TO-15
m,p-Xylene		4.1		2.2	ug/m3	TO-15
n-Heptane		0.31		0.20	ppb v/v	TO-15
n-Heptane		1.3		0.82	ug/m3	TO-15
n-Hexane		1.3		0.20	ppb v/v	TO-15
n-Hexane		4.6		0.70	ug/m3	TO-15
Toluene		1.9		0.20	ppb v/v	TO-15
Toluene		7.3		0.75	ug/m3	TO-15
Trichloroethene		1.7		0.20	ppb v/v	TO-15
Trichloroethene		9.0		1.1	ug/m3	TO-15
Trichlorofluoromethane		0.23		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3		1.1	ug/m3	TO-15
Vinyl chloride		0.58		0.20	ppb v/v	TO-15
Vinyl chloride		1.5		0.51	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
Xylene, o-		0.29		0.20	ppb v/v	TO-15
Xylene, o-		1.3		0.87	ug/m3	TO-15

METHOD SUMMARY

Client: AECOM, Inc.

Job Number: 480-53849-1

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: AECOM, Inc.

Job Number: 480-53849-1

Method	Analyst	Analyst ID
EPA TO-15	Desjardins, William R	WRD

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53849-1

Client Sample ID: 1Q14 AS

Lab Sample ID: 480-53849-1

Date Sampled: 01/21/2014 0900

Client Matrix: Air

Date Received: 01/24/2014 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-67709	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	5881019.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/28/2014 2355			Final Weight/Volume:	200 mL
Prep Date:	01/28/2014 2355			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
1,1,1-Trichloroethane	ND		0.20	0.20
1,1,2,2-Tetrachloroethane	ND		0.20	0.20
1,1,2-Trichloroethane	ND		0.20	0.20
1,1-Dichloroethane	0.26		0.20	0.20
1,1-Dichloroethene	ND		0.20	0.20
1,2,4-Trichlorobenzene	ND		0.50	0.50
1,2,4-Trimethylbenzene	0.21		0.20	0.20
1,2-Dibromoethane	ND		0.20	0.20
1,2-Dichlorobenzene	ND		0.20	0.20
1,2-Dichloroethane	ND		0.20	0.20
1,2-Dichloroethene, Total	3.1		0.20	0.20
1,2-Dichloropropane	ND		0.20	0.20
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20
1,3,5-Trimethylbenzene	ND		0.20	0.20
1,3-Butadiene	ND		0.20	0.20
1,3-Dichlorobenzene	ND		0.20	0.20
1,4-Dichlorobenzene	ND		0.20	0.20
1,4-Dioxane	ND		5.0	5.0
2,2,4-Trimethylpentane	0.26		0.20	0.20
2-Chlorotoluene	ND		0.20	0.20
3-Chloropropene	ND		0.50	0.50
4-Ethyltoluene	ND		0.20	0.20
Acetone	ND		5.0	5.0
Benzene	0.70		0.20	0.20
Bromodichloromethane	ND		0.20	0.20
Bromoethene(Vinyl Bromide)	ND		0.20	0.20
Bromoform	ND		0.20	0.20
Bromomethane	ND		0.20	0.20
Carbon disulfide	0.97		0.50	0.50
Carbon tetrachloride	ND		0.20	0.20
Chlorobenzene	ND		0.20	0.20
Chloroethane	2.6		0.50	0.50
Chloroform	ND		0.20	0.20
Chloromethane	ND		0.50	0.50
cis-1,2-Dichloroethene	3.1		0.20	0.20
cis-1,3-Dichloropropene	ND		0.20	0.20
Cyclohexane	0.28		0.20	0.20
Dibromochloromethane	ND		0.20	0.20
Dichlorodifluoromethane	0.51		0.50	0.50
Ethylbenzene	0.26		0.20	0.20
Freon TF	ND		0.20	0.20
Hexachlorobutadiene	ND		0.20	0.20
Isopropyl alcohol	ND		5.0	5.0
m,p-Xylene	0.94		0.50	0.50
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50
Methyl Ethyl Ketone	ND		0.50	0.50

Client: AECOM, Inc.

Job Number: 480-53849-1

Client Sample ID: 1Q14 AS

Lab Sample ID: 480-53849-1

Date Sampled: 01/21/2014 0900

Client Matrix: Air

Date Received: 01/24/2014 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-67709	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	5881019.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/28/2014 2355			Final Weight/Volume:	200 mL
Prep Date:	01/28/2014 2355			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
methyl isobutyl ketone	ND		0.50	0.50
Methyl tert-butyl ether	ND		0.20	0.20
Methylene Chloride	ND		0.50	0.50
n-Heptane	0.31		0.20	0.20
n-Hexane	1.3		0.20	0.20
Styrene	ND		0.20	0.20
tert-Butyl alcohol	ND		5.0	5.0
Tetrachloroethene	ND		0.20	0.20
Tetrahydrofuran	ND		5.0	5.0
Toluene	1.9		0.20	0.20
trans-1,2-Dichloroethene	ND		0.20	0.20
trans-1,3-Dichloropropene	ND		0.20	0.20
Trichloroethene	1.7		0.20	0.20
Trichlorofluoromethane	0.23		0.20	0.20
Vinyl chloride	0.58		0.20	0.20
Xylene (total)	1.2		0.20	0.20
Xylene, o-	0.29		0.20	0.20

Analyte	Result (ug/m3)	Qualifier	RL	RL
1,1,1-Trichloroethane	ND		1.1	1.1
1,1,1,2-Tetrachloroethane	ND		1.4	1.4
1,1,2-Trichloroethane	ND		1.1	1.1
1,1-Dichloroethane	1.0		0.81	0.81
1,1-Dichloroethene	ND		0.79	0.79
1,2,4-Trichlorobenzene	ND		3.7	3.7
1,2,4-Trimethylbenzene	1.1		0.98	0.98
1,2-Dibromoethane	ND		1.5	1.5
1,2-Dichlorobenzene	ND		1.2	1.2
1,2-Dichloroethane	ND		0.81	0.81
1,2-Dichloroethene, Total	12		0.79	0.79
1,2-Dichloropropane	ND		0.92	0.92
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4
1,3,5-Trimethylbenzene	ND		0.98	0.98
1,3-Butadiene	ND		0.44	0.44
1,3-Dichlorobenzene	ND		1.2	1.2
1,4-Dichlorobenzene	ND		1.2	1.2
1,4-Dioxane	ND		18	18
2,2,4-Trimethylpentane	1.2		0.93	0.93
2-Chlorotoluene	ND		1.0	1.0
3-Chloropropene	ND		1.6	1.6
4-Ethyltoluene	ND		0.98	0.98
Acetone	ND		12	12
Benzene	2.2		0.64	0.64
Bromodichloromethane	ND		1.3	1.3
Bromoethene(Vinyl Bromide)	ND		0.87	0.87
Bromoform	ND		2.1	2.1

Analytical Data

Client: AECOM, Inc.

Job Number: 480-53849-1

Client Sample ID: 1Q14 AS

Lab Sample ID: 480-53849-1

Date Sampled: 01/21/2014 0900

Client Matrix: Air

Date Received: 01/24/2014 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-67709	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	5881019.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/28/2014 2355			Final Weight/Volume:	200 mL
Prep Date:	01/28/2014 2355			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
Bromomethane	ND		0.78	0.78
Carbon disulfide	3.0		1.6	1.6
Carbon tetrachloride	ND		1.3	1.3
Chlorobenzene	ND		0.92	0.92
Chloroethane	6.7		1.3	1.3
Chloroform	ND		0.98	0.98
Chloromethane	ND		1.0	1.0
cis-1,2-Dichloroethene	12		0.79	0.79
cis-1,3-Dichloropropene	ND		0.91	0.91
Cyclohexane	0.97		0.69	0.69
Dibromochloromethane	ND		1.7	1.7
Dichlorodifluoromethane	2.5		2.5	2.5
Ethylbenzene	1.1		0.87	0.87
Freon TF	ND		1.5	1.5
Hexachlorobutadiene	ND		2.1	2.1
Isopropyl alcohol	ND		12	12
m,p-Xylene	4.1		2.2	2.2
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0
Methyl Ethyl Ketone	ND		1.5	1.5
methyl isobutyl ketone	ND		2.0	2.0
Methyl tert-butyl ether	ND		0.72	0.72
Methylene Chloride	ND		1.7	1.7
n-Heptane	1.3		0.82	0.82
n-Hexane	4.6		0.70	0.70
Styrene	ND		0.85	0.85
tert-Butyl alcohol	ND		15	15
Tetrachloroethene	ND		1.4	1.4
Tetrahydrofuran	ND		15	15
Toluene	7.3		0.75	0.75
trans-1,2-Dichloroethene	ND		0.79	0.79
trans-1,3-Dichloropropene	ND		0.91	0.91
Trichloroethene	9.0		1.1	1.1
Trichlorofluoromethane	1.3		1.1	1.1
Vinyl chloride	1.5		0.51	0.51
Xylene (total)	5.3		0.87	0.87
Xylene, o-	1.3		0.87	0.87

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53849-1

Method Blank - Batch: 200-67709

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-67709/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 01/28/2014 1213
 Prep Date: 01/28/2014 1213
 Leach Date: N/A

Analysis Batch: 200-67709
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHG.i
 Lab File ID: 5881004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
1,1,1-Trichloroethane	ND		0.20	0.20
1,1,2,2-Tetrachloroethane	ND		0.20	0.20
1,1,2-Trichloroethane	ND		0.20	0.20
1,1-Dichloroethane	ND		0.20	0.20
1,1-Dichloroethene	ND		0.20	0.20
1,2,4-Trichlorobenzene	ND		0.50	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.20
1,2-Dibromoethane	ND		0.20	0.20
1,2-Dichlorobenzene	ND		0.20	0.20
1,2-Dichloroethane	ND		0.20	0.20
1,2-Dichloroethene, Total	ND		0.20	0.20
1,2-Dichloropropane	ND		0.20	0.20
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20
1,3,5-Trimethylbenzene	ND		0.20	0.20
1,3-Butadiene	ND		0.20	0.20
1,3-Dichlorobenzene	ND		0.20	0.20
1,4-Dichlorobenzene	ND		0.20	0.20
1,4-Dioxane	ND		5.0	5.0
2,2,4-Trimethylpentane	ND		0.20	0.20
2-Chlorotoluene	ND		0.20	0.20
3-Chloropropene	ND		0.50	0.50
4-Ethyltoluene	ND		0.20	0.20
Acetone	ND		5.0	5.0
Benzene	ND		0.20	0.20
Bromodichloromethane	ND		0.20	0.20
Bromoethene(Vinyl Bromide)	ND		0.20	0.20
Bromoform	ND		0.20	0.20
Bromomethane	ND		0.20	0.20
Carbon disulfide	ND		0.50	0.50
Carbon tetrachloride	ND		0.20	0.20
Chlorobenzene	ND		0.20	0.20
Chloroethane	ND		0.50	0.50
Chloroform	ND		0.20	0.20
Chloromethane	ND		0.50	0.50
cis-1,2-Dichloroethene	ND		0.20	0.20
cis-1,3-Dichloropropene	ND		0.20	0.20
Cyclohexane	ND		0.20	0.20
Dibromochloromethane	ND		0.20	0.20
Dichlorodifluoromethane	ND		0.50	0.50
Ethylbenzene	ND		0.20	0.20
Freon TF	ND		0.20	0.20
Hexachlorobutadiene	ND		0.20	0.20
Isopropyl alcohol	ND		5.0	5.0
m,p-Xylene	ND		0.50	0.50
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53849-1

Method Blank - Batch: 200-67709

Lab Sample ID: MB 200-67709/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 01/28/2014 1213
 Prep Date: 01/28/2014 1213
 Leach Date: N/A

Analysis Batch: 200-67709
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Method: TO-15

Preparation: Summa Canister

Instrument ID: CHG.i
 Lab File ID: 5881004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
Methyl Ethyl Ketone	ND		0.50	0.50
methyl isobutyl ketone	ND		0.50	0.50
Methyl tert-butyl ether	ND		0.20	0.20
Methylene Chloride	ND		0.50	0.50
n-Heptane	ND		0.20	0.20
n-Hexane	ND		0.20	0.20
Styrene	ND		0.20	0.20
tert-Butyl alcohol	ND		5.0	5.0
Tetrachloroethene	ND		0.20	0.20
Tetrahydrofuran	ND		5.0	5.0
Toluene	ND		0.20	0.20
trans-1,2-Dichloroethene	ND		0.20	0.20
trans-1,3-Dichloropropene	ND		0.20	0.20
Trichloroethene	ND		0.20	0.20
Trichlorofluoromethane	ND		0.20	0.20
Vinyl chloride	ND		0.20	0.20
Xylene (total)	ND		0.20	0.20
Xylene, o-	ND		0.20	0.20

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53849-1

Method Blank - Batch: 200-67709

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-67709/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 01/28/2014 1213
 Prep Date: 01/28/2014 1213
 Leach Date: N/A

Analysis Batch: 200-67709
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHG.i
 Lab File ID: 5881004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
1,1,1-Trichloroethane	ND		1.1	1.1
1,1,2,2-Tetrachloroethane	ND		1.4	1.4
1,1,2-Trichloroethane	ND		1.1	1.1
1,1-Dichloroethane	ND		0.81	0.81
1,1-Dichloroethene	ND		0.79	0.79
1,2,4-Trichlorobenzene	ND		3.7	3.7
1,2,4-Trimethylbenzene	ND		0.98	0.98
1,2-Dibromoethane	ND		1.5	1.5
1,2-Dichlorobenzene	ND		1.2	1.2
1,2-Dichloroethane	ND		0.81	0.81
1,2-Dichloroethene, Total	ND		0.79	0.79
1,2-Dichloropropane	ND		0.92	0.92
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4
1,3,5-Trimethylbenzene	ND		0.98	0.98
1,3-Butadiene	ND		0.44	0.44
1,3-Dichlorobenzene	ND		1.2	1.2
1,4-Dichlorobenzene	ND		1.2	1.2
1,4-Dioxane	ND		18	18
2,2,4-Trimethylpentane	ND		0.93	0.93
2-Chlorotoluene	ND		1.0	1.0
3-Chloropropene	ND		1.6	1.6
4-Ethyltoluene	ND		0.98	0.98
Acetone	ND		12	12
Benzene	ND		0.64	0.64
Bromodichloromethane	ND		1.3	1.3
Bromoethene(Vinyl Bromide)	ND		0.87	0.87
Bromoform	ND		2.1	2.1
Bromomethane	ND		0.78	0.78
Carbon disulfide	ND		1.6	1.6
Carbon tetrachloride	ND		1.3	1.3
Chlorobenzene	ND		0.92	0.92
Chloroethane	ND		1.3	1.3
Chloroform	ND		0.98	0.98
Chloromethane	ND		1.0	1.0
cis-1,2-Dichloroethene	ND		0.79	0.79
cis-1,3-Dichloropropene	ND		0.91	0.91
Cyclohexane	ND		0.69	0.69
Dibromochloromethane	ND		1.7	1.7
Dichlorodifluoromethane	ND		2.5	2.5
Ethylbenzene	ND		0.87	0.87
Freon TF	ND		1.5	1.5
Hexachlorobutadiene	ND		2.1	2.1
Isopropyl alcohol	ND		12	12
m,p-Xylene	ND		2.2	2.2
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53849-1

Method Blank - Batch: 200-67709

Lab Sample ID: MB 200-67709/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 01/28/2014 1213
 Prep Date: 01/28/2014 1213
 Leach Date: N/A

Analysis Batch: 200-67709
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Method: TO-15

Preparation: Summa Canister

Instrument ID: CHG.i
 Lab File ID: 5881004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
Methyl Ethyl Ketone	ND		1.5	1.5
methyl isobutyl ketone	ND		2.0	2.0
Methyl tert-butyl ether	ND		0.72	0.72
Methylene Chloride	ND		1.7	1.7
n-Heptane	ND		0.82	0.82
n-Hexane	ND		0.70	0.70
Styrene	ND		0.85	0.85
tert-Butyl alcohol	ND		15	15
Tetrachloroethene	ND		1.4	1.4
Tetrahydrofuran	ND		15	15
Toluene	ND		0.75	0.75
trans-1,2-Dichloroethene	ND		0.79	0.79
trans-1,3-Dichloropropene	ND		0.91	0.91
Trichloroethene	ND		1.1	1.1
Trichlorofluoromethane	ND		1.1	1.1
Vinyl chloride	ND		0.51	0.51
Xylene (total)	ND		0.87	0.87
Xylene, o-	ND		0.87	0.87

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53849-1

Lab Control Sample - Batch: 200-67709

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-67709/3	Analysis Batch: 200-67709	Instrument ID: CHG.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 5881003.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 01/28/2014 1126	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 01/28/2014 1126		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	10.6	106	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.83	98	70 - 130	
1,1,2-Trichloroethane	10.0	9.66	97	70 - 130	
1,1-Dichloroethane	10.0	10.8	108	70 - 130	
1,1-Dichloroethene	10.0	11.6	116	70 - 130	
1,2,4-Trichlorobenzene	10.0	11.3	113	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.3	103	70 - 130	
1,2-Dibromoethane	10.0	10.2	102	70 - 130	
1,2-Dichlorobenzene	10.0	10.4	104	70 - 130	
1,2-Dichloroethane	10.0	10.4	104	70 - 130	
1,2-Dichloropropane	10.0	10.2	102	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	11.1	111	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.3	104	70 - 130	
1,3-Butadiene	10.0	10.9	109	70 - 130	
1,3-Dichlorobenzene	10.0	10.4	104	70 - 130	
1,4-Dichlorobenzene	10.0	10.7	107	70 - 130	
1,4-Dioxane	10.0	9.58	96	70 - 130	
2,2,4-Trimethylpentane	10.0	10.1	101	70 - 130	
2-Chlorotoluene	10.0	10.5	105	70 - 130	
3-Chloropropene	10.0	9.64	96	70 - 130	
4-Ethyltoluene	10.0	10.6	106	70 - 130	
Acetone	10.0	11.6	116	70 - 130	
Benzene	10.0	10.3	103	70 - 130	
Bromodichloromethane	10.0	11.3	113	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	11.2	112	70 - 130	
Bromoform	10.0	11.7	117	70 - 130	
Bromomethane	10.0	11.2	112	70 - 130	
Carbon disulfide	10.0	9.80	98	70 - 130	
Carbon tetrachloride	10.0	10.8	108	70 - 130	
Chlorobenzene	10.0	9.96	100	70 - 130	
Chloroethane	10.0	10.8	108	70 - 130	
Chloroform	10.0	10.8	108	70 - 130	
Chloromethane	10.0	10.1	101	70 - 130	
cis-1,2-Dichloroethene	10.0	10.8	108	70 - 130	
cis-1,3-Dichloropropene	10.0	10.6	106	70 - 130	
Cyclohexane	10.0	10.2	102	70 - 130	
Dibromochloromethane	10.0	11.1	111	70 - 130	
Dichlorodifluoromethane	10.0	11.0	110	70 - 130	
Ethylbenzene	10.0	10.2	102	70 - 130	
Freon TF	10.0	11.8	118	70 - 130	
Hexachlorobutadiene	10.0	12.7	127	70 - 130	
Isopropyl alcohol	10.0	9.63	96	70 - 130	
m,p-Xylene	20.0	19.7	99	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.54	95	70 - 130	
Methyl Ethyl Ketone	10.0	9.06	91	70 - 130	
methyl isobutyl ketone	10.0	10.1	101	70 - 130	

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53849-1

Lab Control Sample - Batch: 200-67709

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-67709/3	Analysis Batch: 200-67709	Instrument ID: CHG.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 5881003.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 01/28/2014 1126	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 01/28/2014 1126		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methyl tert-butyl ether	10.0	10.9	109	70 - 130	
Methylene Chloride	10.0	10.7	107	70 - 130	
n-Heptane	10.0	9.48	95	70 - 130	
n-Hexane	10.0	10.6	106	70 - 130	
Styrene	10.0	10.2	102	70 - 130	
tert-Butyl alcohol	10.0	9.97	100	70 - 130	
Tetrachloroethene	10.0	10.2	102	70 - 130	
Tetrahydrofuran	10.0	9.87	99	70 - 130	
Toluene	10.0	9.55	96	70 - 130	
trans-1,2-Dichloroethene	10.0	10.5	105	70 - 130	
trans-1,3-Dichloropropene	10.0	10.9	109	70 - 130	
Trichloroethene	10.0	10.6	106	70 - 130	
Trichlorofluoromethane	10.0	11.2	112	70 - 130	
Vinyl chloride	10.0	11.3	113	70 - 130	
Xylene, o-	10.0	9.96	100	70 - 130	

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
-------------	-----------	-------------

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53849-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-67709					
LCS 200-67709/3	Lab Control Sample	T	Air	TO-15	
MB 200-67709/4	Method Blank	T	Air	TO-15	
480-53849-1	1Q14 AS	T	Air	TO-15	

Report Basis

T = Total

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-53849-1

Laboratory Chronicle

Lab ID: 480-53849-1

Client ID: 1Q14 AS

Sample Date/Time: 01/21/2014 09:00

Received Date/Time: 01/24/2014 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	480-53849-A-1		200-67709		01/28/2014 23:55	1	TAL BUR	WRD
A:TO-15	480-53849-A-1		200-67709		01/28/2014 23:55	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 200-67709/4		200-67709		01/28/2014 12:13	1	TAL BUR	WRD
A:TO-15	MB 200-67709/4		200-67709		01/28/2014 12:13	1	TAL BUR	WRD

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 200-67709/3		200-67709		01/28/2014 11:26	1	TAL BUR	WRD
A:TO-15	LCS 200-67709/3		200-67709		01/28/2014 11:26	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Certification Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-53849-1

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	Louisiana	NELAP	6	176292
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.

T015

**Volatile Organic Compounds in
Ambient Air**

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington

Job No.: 480-53849-1

SDG No.: _____

Matrix: Air Level: Low

Lab File ID: 5881003.D

Lab ID: LCS 200-67709/3

Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	10.0	10.6	106	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.83	98	70-130	
1,1,2-Trichloroethane	10.0	9.66	97	70-130	
1,1-Dichloroethane	10.0	10.8	108	70-130	
1,1-Dichloroethene	10.0	11.6	116	70-130	
1,2,4-Trichlorobenzene	10.0	11.3	113	70-130	
1,2,4-Trimethylbenzene	10.0	10.3	103	70-130	
1,2-Dibromoethane	10.0	10.2	102	70-130	
1,2-Dichlorobenzene	10.0	10.4	104	70-130	
1,2-Dichloroethane	10.0	10.4	104	70-130	
1,2-Dichloropropane	10.0	10.2	102	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.1	111	70-130	
1,3,5-Trimethylbenzene	10.0	10.3	104	70-130	
1,3-Butadiene	10.0	10.9	109	70-130	
1,3-Dichlorobenzene	10.0	10.4	104	70-130	
1,4-Dichlorobenzene	10.0	10.7	107	70-130	
1,4-Dioxane	10.0	9.58	96	70-130	
2,2,4-Trimethylpentane	10.0	10.1	101	70-130	
2-Chlorotoluene	10.0	10.5	105	70-130	
3-Chloropropene	10.0	9.64	96	70-130	
4-Ethyltoluene	10.0	10.6	106	70-130	
Acetone	10.0	11.6	116	70-130	
Benzene	10.0	10.3	103	70-130	
Bromodichloromethane	10.0	11.3	113	70-130	
Bromoethene (Vinyl Bromide)	10.0	11.2	112	70-130	
Bromoform	10.0	11.7	117	70-130	
Bromomethane	10.0	11.2	112	70-130	
Carbon disulfide	10.0	9.80	98	70-130	
Carbon tetrachloride	10.0	10.8	108	70-130	
Chlorobenzene	10.0	9.96	100	70-130	
Chloroethane	10.0	10.8	108	70-130	
Chloroform	10.0	10.8	108	70-130	
Chloromethane	10.0	10.1	101	70-130	
cis-1,2-Dichloroethene	10.0	10.8	108	70-130	
cis-1,3-Dichloropropene	10.0	10.6	106	70-130	
Cyclohexane	10.0	10.2	102	70-130	
Dibromochloromethane	10.0	11.1	111	70-130	
Dichlorodifluoromethane	10.0	11.0	110	70-130	
Ethylbenzene	10.0	10.2	102	70-130	
Freon TF	10.0	11.8	118	70-130	
Hexachlorobutadiene	10.0	12.7	127	70-130	
Isopropyl alcohol	10.0	9.63	96	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5881003.D
 Lab ID: LCS 200-67709/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
m,p-Xylene	20.0	19.7	99	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.54	95	70-130	
Methyl Ethyl Ketone	10.0	9.06	91	70-130	
methyl isobutyl ketone	10.0	10.1	101	70-130	
Methyl tert-butyl ether	10.0	10.9	109	70-130	
Methylene Chloride	10.0	10.7	107	70-130	
n-Heptane	10.0	9.48	95	70-130	
n-Hexane	10.0	10.6	106	70-130	
Styrene	10.0	10.2	102	70-130	
tert-Butyl alcohol	10.0	9.97	100	70-130	
Tetrachloroethene	10.0	10.2	102	70-130	
Tetrahydrofuran	10.0	9.87	99	70-130	
Toluene	10.0	9.55	96	70-130	
trans-1,2-Dichloroethene	10.0	10.5	105	70-130	
trans-1,3-Dichloropropene	10.0	10.9	109	70-130	
Trichloroethene	10.0	10.6	106	70-130	
Trichlorofluoromethane	10.0	11.2	112	70-130	
Vinyl chloride	10.0	11.3	113	70-130	
Xylene, o-	10.0	9.96	100	70-130	

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Lab File ID: 5881004.D Lab Sample ID: MB 200-67709/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHG.i Date Analyzed: 01/28/2014 12:13
 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 200-67709/3	5881003.D	01/28/2014 11:26
1Q14 AS	480-53849-1	5881019.D	01/28/2014 23:55

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Lab File ID: gin01.D BFB Injection Date: 01/10/2014
 Instrument ID: CHG.i BFB Injection Time: 09:12
 Analysis Batch No.: 67034

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	39.2	
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	110.5	
175	4.0 - 9.0 % of mass 174	7.8	(7.0)1
176	93.0 - 101.0% of mass 174	108.7	(98.4)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
	IC 200-67034/3	gin03.D	01/10/2014	10:43
	IC 200-67034/4	gin04.D	01/10/2014	11:30
	IC 200-67034/6	gin06.D	01/10/2014	13:04
	ICIS 200-67034/7	gin07.D	01/10/2014	13:50
	IC 200-67034/8	gin08.D	01/10/2014	14:37
	IC 200-67034/9	gin09.D	01/10/2014	15:24
	IC 200-67034/10	gin10.D	01/10/2014	16:11
	IC 200-67034/14	gin14.D	01/10/2014	19:18
	ICV 200-67034/15	gin15.D	01/10/2014	20:05

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Lab File ID: 5881001.D BFB Injection Date: 01/28/2014
 Instrument ID: CHG.i BFB Injection Time: 09:48
 Analysis Batch No.: 67709

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	39.4	
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	0.5	(0.4)1
174	50.0 - 120.0% of mass 95	101.6	
175	4.0 - 9.0 % of mass 174	7.0	(6.9)1
176	93.0 - 101.0% of mass 174	99.5	(98.0)1
177	5.0 - 9.0% of mass 176	6.4	(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 200-67709/2	5881002.D	01/28/2014	10:39
	LCS 200-67709/3	5881003.D	01/28/2014	11:26
	MB 200-67709/4	5881004.D	01/28/2014	12:13
1Q14 AS	480-53849-1	5881019.D	01/28/2014	23:55

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Sample No.: ICIS 200-67034/7 Date Analyzed: 01/10/2014 13:50
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): gin07.D Heated Purge: (Y/N) N
 Calibration ID: 25089

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	620052	10.60	3615429	12.67	3689888	18.83	
UPPER LIMIT	868073	10.93	5061601	13.00	5165843	19.16	
LOWER LIMIT	372031	10.27	2169257	12.34	2213933	18.50	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-67034/15		665313	10.60	3882522	12.66	3939110	18.82

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
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Sample No.: CCVIS 200-67709/2 Date Analyzed: 01/28/2014 10:39
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 5881002.D Heated Purge: (Y/N) N
 Calibration ID: 25089

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	860387	10.59	5055812	12.65	5354535	18.81	
UPPER LIMIT	1204542	10.92	7078137	12.98	7496349	19.14	
LOWER LIMIT	516232	10.26	3033487	12.32	3212721	18.48	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-67709/3	842342	10.59	4953285	12.65	5276499	18.82	
MB 200-67709/4	846681	10.59	4977704	12.65	4986186	18.81	
480-53849-1	1Q14 AS	807881	10.59	4771186	12.65	4822317	18.81

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 I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Client Sample ID: 1Q14 AS Lab Sample ID: 480-53849-1
 Matrix: Air Lab File ID: 5881019.D
 Analysis Method: TO-15 Date Collected: 01/21/2014 09:00
 Sample wt/vol: 200(mL) Date Analyzed: 01/28/2014 23:55
 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.: 67709 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	0.26		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	ND		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.50	0.50
95-63-6	1,2,4-Trimethylbenzene	120.20	0.21		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	ND		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	ND		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	3.1		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.20	0.20
106-99-0	1,3-Butadiene	54.09	ND		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.20	0.20
123-91-1	1,4-Dioxane	88.11	ND		5.0	5.0
540-84-1	2,2,4-Trimethylpentane	114.23	0.26		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	ND		0.20	0.20
107-05-1	3-Chloropropene	76.53	ND		0.50	0.50
622-96-8	4-Ethyltoluene	120.20	ND		0.20	0.20
67-64-1	Acetone	58.08	ND		5.0	5.0
71-43-2	Benzene	78.11	0.70		0.20	0.20
75-27-4	Bromodichloromethane	163.83	ND		0.20	0.20
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.20	0.20
75-25-2	Bromoform	252.75	ND		0.20	0.20
74-83-9	Bromomethane	94.94	ND		0.20	0.20
75-15-0	Carbon disulfide	76.14	0.97		0.50	0.50
56-23-5	Carbon tetrachloride	153.81	ND		0.20	0.20
108-90-7	Chlorobenzene	112.56	ND		0.20	0.20
75-00-3	Chloroethane	64.52	2.6		0.50	0.50
67-66-3	Chloroform	119.38	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Client Sample ID: 1Q14 AS Lab Sample ID: 480-53849-1
 Matrix: Air Lab File ID: 5881019.D
 Analysis Method: TO-15 Date Collected: 01/21/2014 09:00
 Sample wt/vol: 200 (mL) Date Analyzed: 01/28/2014 23:55
 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.: 67709 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
74-87-3	Chloromethane	50.49	ND		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	3.1		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.20	0.20
110-82-7	Cyclohexane	84.16	0.28		0.20	0.20
124-48-1	Dibromochloromethane	208.29	ND		0.20	0.20
75-71-8	Dichlorodifluoromethane	120.91	0.51		0.50	0.50
100-41-4	Ethylbenzene	106.17	0.26		0.20	0.20
76-13-1	Freon TF	187.38	ND		0.20	0.20
87-68-3	Hexachlorobutadiene	260.76	ND		0.20	0.20
67-63-0	Isopropyl alcohol	60.10	ND		5.0	5.0
179601-23-1	m,p-Xylene	106.17	0.94		0.50	0.50
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		0.50	0.50
78-93-3	Methyl Ethyl Ketone	72.11	ND		0.50	0.50
108-10-1	methyl isobutyl ketone	100.16	ND		0.50	0.50
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.20	0.20
75-09-2	Methylene Chloride	84.93	ND		0.50	0.50
142-82-5	n-Heptane	100.21	0.31		0.20	0.20
110-54-3	n-Hexane	86.17	1.3		0.20	0.20
100-42-5	Styrene	104.15	ND		0.20	0.20
75-65-0	tert-Butyl alcohol	74.12	ND		5.0	5.0
127-18-4	Tetrachloroethene	165.83	ND		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	ND		5.0	5.0
108-88-3	Toluene	92.14	1.9		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.20	0.20
79-01-6	Trichloroethene	131.39	1.7		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	0.23		0.20	0.20
75-01-4	Vinyl chloride	62.50	0.58		0.20	0.20
1330-20-7	Xylene (total)	106.17	1.2		0.20	0.20
95-47-6	Xylene, o-	106.17	0.29		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Client Sample ID: 1Q14 AS Lab Sample ID: 480-53849-1
 Matrix: Air Lab File ID: 5881019.D
 Analysis Method: TO-15 Date Collected: 01/21/2014 09:00
 Sample wt/vol: 200(mL) Date Analyzed: 01/28/2014 23:55
 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.: 67709 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	133.41	ND		1.1	1.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		1.4	1.4
79-00-5	1,1,2-Trichloroethane	133.41	ND		1.1	1.1
75-34-3	1,1-Dichloroethane	98.96	1.0		0.81	0.81
75-35-4	1,1-Dichloroethene	96.94	ND		0.79	0.79
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		3.7	3.7
95-63-6	1,2,4-Trimethylbenzene	120.20	1.1		0.98	0.98
106-93-4	1,2-Dibromoethane	187.87	ND		1.5	1.5
95-50-1	1,2-Dichlorobenzene	147.00	ND		1.2	1.2
107-06-2	1,2-Dichloroethane	98.96	ND		0.81	0.81
540-59-0	1,2-Dichloroethene, Total	96.94	12		0.79	0.79
78-87-5	1,2-Dichloropropane	112.99	ND		0.92	0.92
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		1.4	1.4
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.98	0.98
106-99-0	1,3-Butadiene	54.09	ND		0.44	0.44
541-73-1	1,3-Dichlorobenzene	147.00	ND		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	ND		1.2	1.2
123-91-1	1,4-Dioxane	88.11	ND		18	18
540-84-1	2,2,4-Trimethylpentane	114.23	1.2		0.93	0.93
95-49-8	2-Chlorotoluene	126.59	ND		1.0	1.0
107-05-1	3-Chloropropene	76.53	ND		1.6	1.6
622-96-8	4-Ethyltoluene	120.20	ND		0.98	0.98
67-64-1	Acetone	58.08	ND		12	12
71-43-2	Benzene	78.11	2.2		0.64	0.64
75-27-4	Bromodichloromethane	163.83	ND		1.3	1.3
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.87	0.87
75-25-2	Bromoform	252.75	ND		2.1	2.1
74-83-9	Bromomethane	94.94	ND		0.78	0.78
75-15-0	Carbon disulfide	76.14	3.0		1.6	1.6
56-23-5	Carbon tetrachloride	153.81	ND		1.3	1.3
108-90-7	Chlorobenzene	112.56	ND		0.92	0.92
75-00-3	Chloroethane	64.52	6.7		1.3	1.3
67-66-3	Chloroform	119.38	ND		0.98	0.98

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Client Sample ID: 1Q14 AS Lab Sample ID: 480-53849-1
 Matrix: Air Lab File ID: 5881019.D
 Analysis Method: TO-15 Date Collected: 01/21/2014 09:00
 Sample wt/vol: 200(mL) Date Analyzed: 01/28/2014 23:55
 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.: 67709 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
74-87-3	Chloromethane	50.49	ND		1.0	1.0
156-59-2	cis-1,2-Dichloroethene	96.94	12		0.79	0.79
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.91	0.91
110-82-7	Cyclohexane	84.16	0.97		0.69	0.69
124-48-1	Dibromochloromethane	208.29	ND		1.7	1.7
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	2.5
100-41-4	Ethylbenzene	106.17	1.1		0.87	0.87
76-13-1	Freon TF	187.38	ND		1.5	1.5
87-68-3	Hexachlorobutadiene	260.76	ND		2.1	2.1
67-63-0	Isopropyl alcohol	60.10	ND		12	12
179601-23-1	m,p-Xylene	106.17	4.1		2.2	2.2
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		2.0	2.0
78-93-3	Methyl Ethyl Ketone	72.11	ND		1.5	1.5
108-10-1	methyl isobutyl ketone	100.16	ND		2.0	2.0
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.72	0.72
75-09-2	Methylene Chloride	84.93	ND		1.7	1.7
142-82-5	n-Heptane	100.21	1.3		0.82	0.82
110-54-3	n-Hexane	86.17	4.6		0.70	0.70
100-42-5	Styrene	104.15	ND		0.85	0.85
75-65-0	tert-Butyl alcohol	74.12	ND		15	15
127-18-4	Tetrachloroethene	165.83	ND		1.4	1.4
109-99-9	Tetrahydrofuran	72.11	ND		15	15
108-88-3	Toluene	92.14	7.3		0.75	0.75
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.79	0.79
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.91	0.91
79-01-6	Trichloroethene	131.39	9.0		1.1	1.1
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	1.1
75-01-4	Vinyl chloride	62.50	1.5		0.51	0.51
1330-20-7	Xylene (total)	106.17	5.3		0.87	0.87
95-47-6	Xylene, o-	106.17	1.3		0.87	0.87

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D
 Lims ID: 480-53849-A-1 Lab Sample ID: 200-53849-1
 Client ID: 1Q14 AS
 Sample Type: Client
 Inject. Date: 28-Jan-2014 23:55:30 ALS Bottle#: 2 Worklist Smp#: 19
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005881-019
 Misc. Info.: 480-53849-A-1
 Operator ID: wrd Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 29-Jan-2014 09:16:15 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK013

First Level Reviewer: desjardinsb

Date: 29-Jan-2014 09:16:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.133	3.132	0.0	99	98208	0.5107	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.411					
8 Chloromethane	50		3.544					M
10 Vinyl chloride	62	3.801	3.801	0.0	77	26101	0.5797	
11 Butadiene	54		3.887					
12 Bromomethane	94		4.588					
13 Chloroethane	64	4.839	4.839	0.0	98	48581	2.55	
15 Vinyl bromide	106		5.246					
16 Trichlorofluoromethane	101	5.363	5.363	0.0	94	48732	0.2295	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.487	6.492	-0.005	83	10031	0.0739	
24 1,1-Dichloroethene	96		6.513					
25 Acetone	43	6.744	6.744	0.006	86	127420	2.42	7M
26 Carbon disulfide	76	6.904	6.899	0.005	98	176124	0.9687	
27 Isopropyl alcohol	45		7.054					
29 3-Chloro-1-propene	41		7.321					
31 Methylene Chloride	49		7.616					
32 2-Methyl-2-propanol	59		7.856					
33 Methyl tert-butyl ether	73		8.060					
34 trans-1,2-Dichloroethene	61		8.081					
36 Hexane	57	8.504	8.509	-0.005	91	73049	1.29	
37 1,1-Dichloroethane	63	8.969	8.969	0.0	92	23374	0.2558	
39 cis-1,2-Dichloroethene	96	10.109	10.108	0.001	91	242064	3.05	
40 2-Butanone (MEK)	72	10.167	10.167	0.005	88	9604	0.3113	7M
S 41 1,2-Dichloroethene, Total	61				0		3.05	
* 43 Chlorobromomethane	128	10.585	10.585	0.0	67	807881	10.0	
44 Tetrahydrofuran	42		10.595					
45 Chloroform	83		10.729					
46 Cyclohexane	84	11.018	11.013	0.005	63	26693	0.2824	
47 1,1,1-Trichloroethane	97		11.029					
48 Carbon tetrachloride	117	11.291	11.291	0.0	91	18927	0.0702	
50 Benzene	78	11.767	11.767	0.0	95	173316	0.7018	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	51		57	11.783	11.783	0.0	83	77957	0.2575
	52		62		11.938				
	53		43	12.195	12.195	0.0	86	35409	0.3102
*	54		114	12.650	12.650	0.0	91	4771186	10.0
	56		95	13.131	13.136	-0.005	95	282964	1.67
	58		63		13.709				
	60		88	13.960	13.944	0.016	82	59327	1.16
	62		83		14.281				
	64		75		15.260				
	65		43		15.560				
	66		92	15.881	15.881	0.0	93	554430	1.93
	70		75		16.469				
	71		83		16.844				
	72		166		16.994				
	73		43		17.315				
	74		129		17.619				
	75		107		17.892				
*	76		117	18.812	18.812	0.0	81	4822317	10.0
	77		112		18.877				
	78		91	19.037	19.043	-0.005	96	153088	0.2647
	81		106	19.289	19.299	-0.010	99	223968	0.9371
S	82		106				0		1.23
	83		106	20.123	20.123	0.0	92	71568	0.2948
	84		104		20.171				
	85		173		20.556				
\$	87		95	21.129	21.134	-0.005	98	2484935	NC
	88		83		21.391				
	91		105	21.669	21.675	-0.006	90	45134	0.0783
	92		91		21.675				
	94		105	21.776	21.782	-0.006	89	34471	0.0623
	97		105	22.349	22.349	0.0	95	114880	0.2137
	100		146		22.798				
	101		146		22.932				
	105		146		23.472				
	107		180		26.040				
	108		225		26.254				

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Operator ID: wrd

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Worklist Smp#: 19

Client ID: 1Q14 AS

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

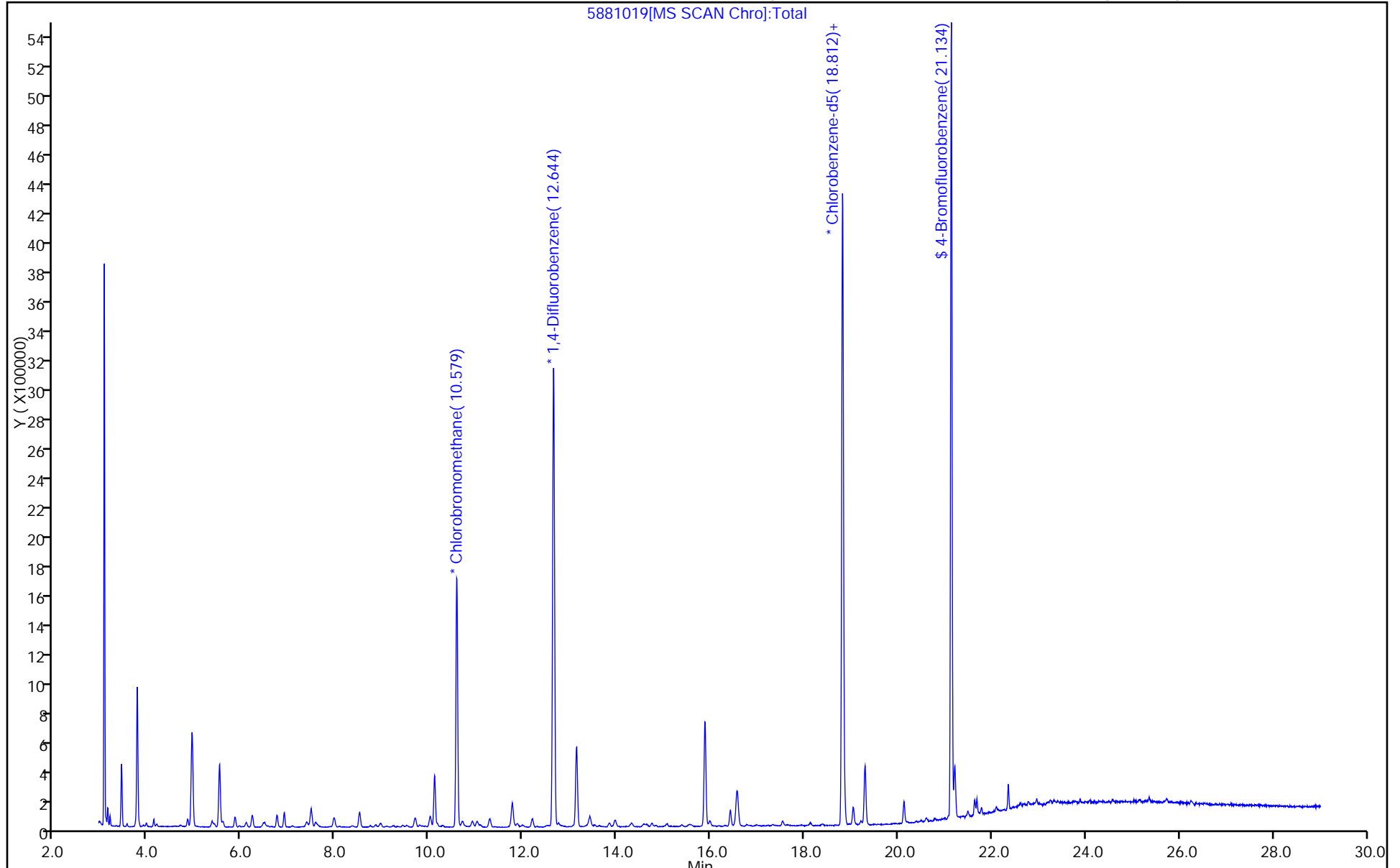
ALS Bottle#: 2

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



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

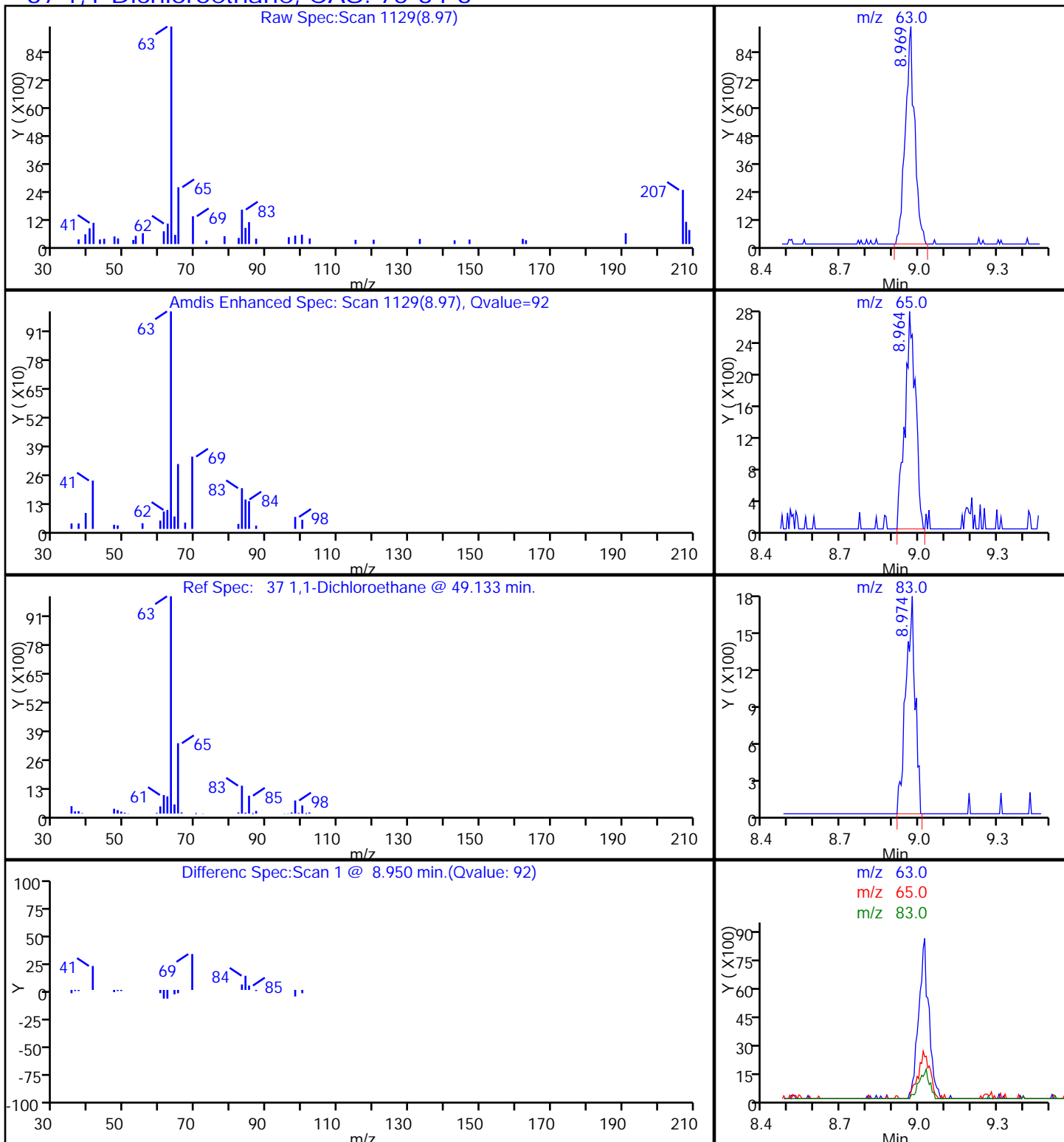
Method: TO15_LL NJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

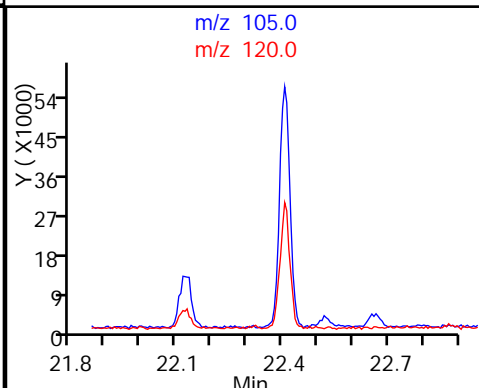
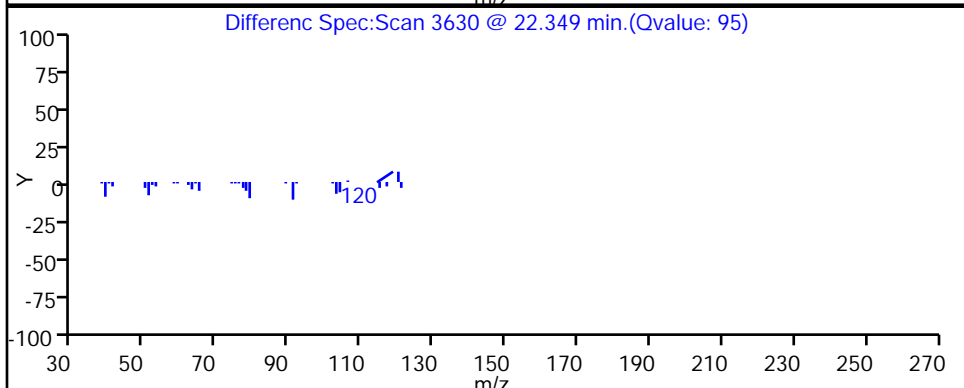
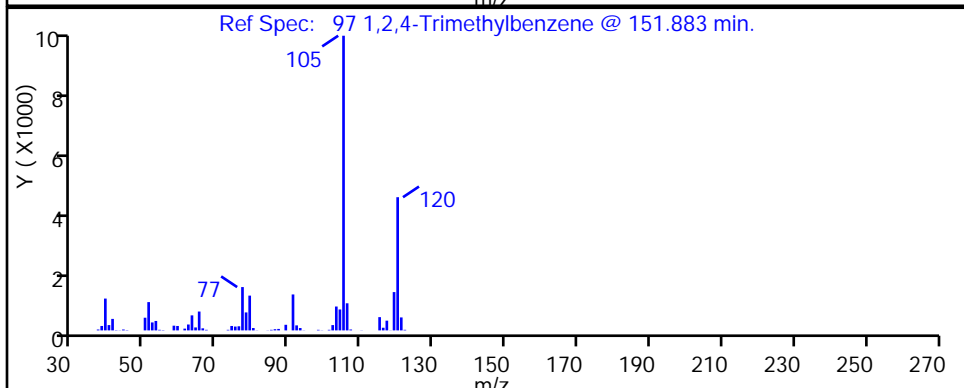
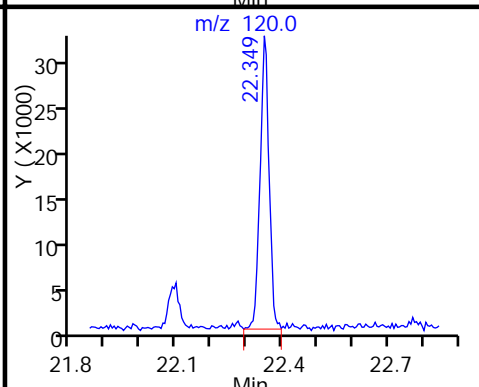
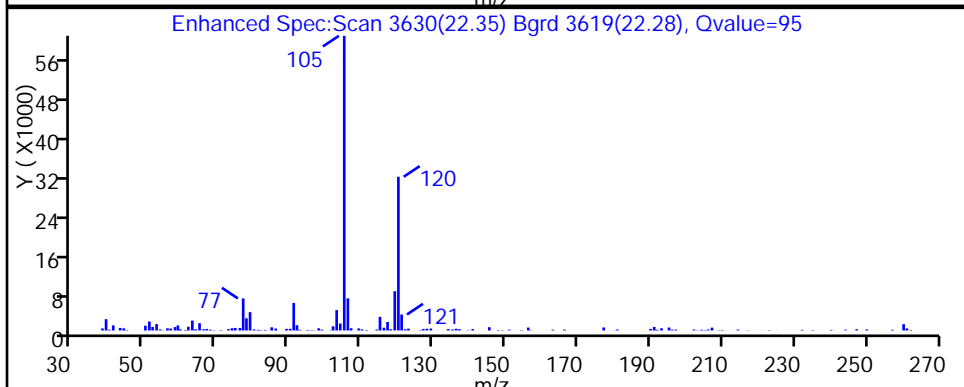
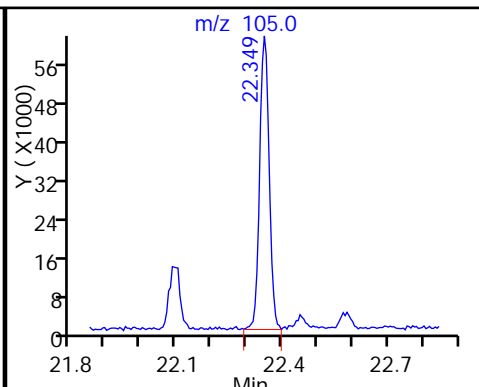
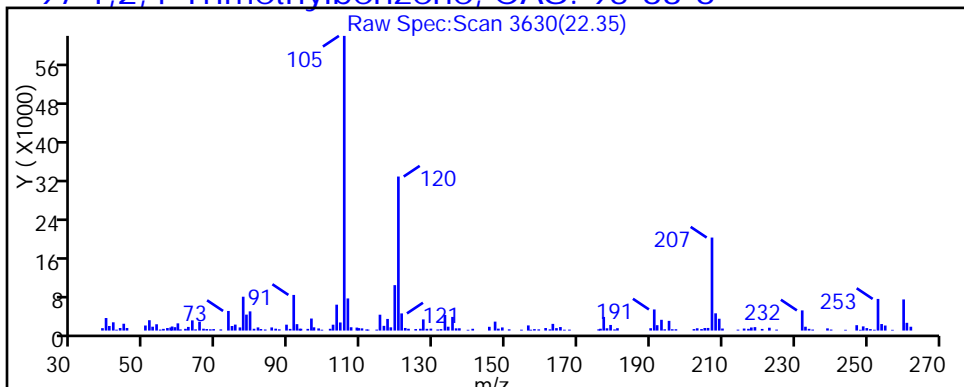
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

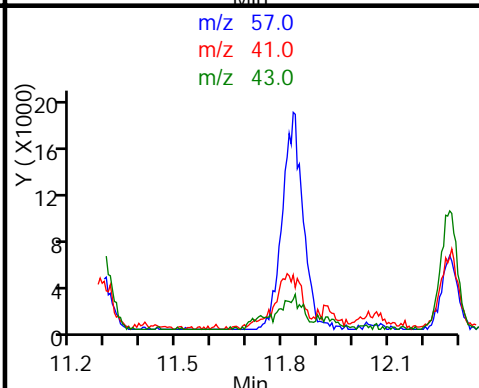
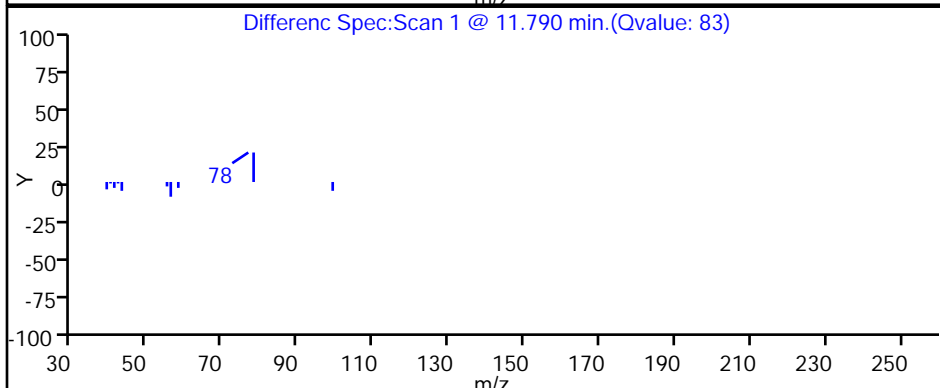
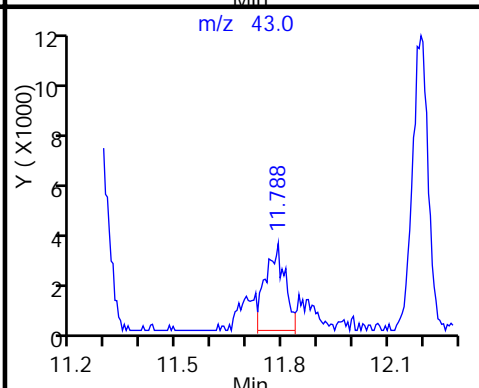
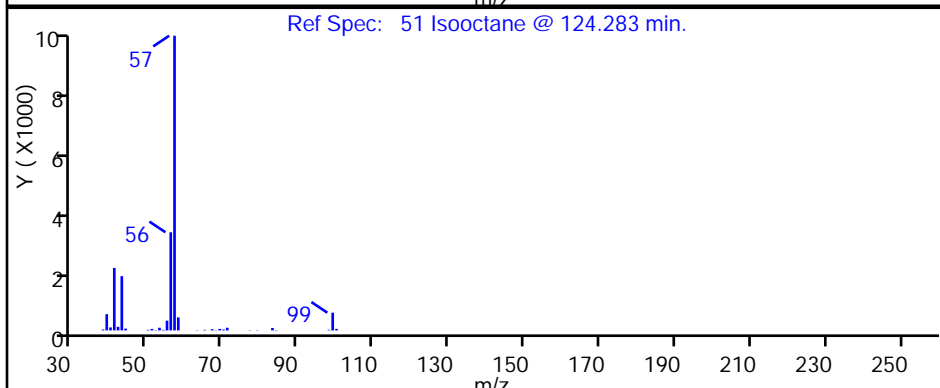
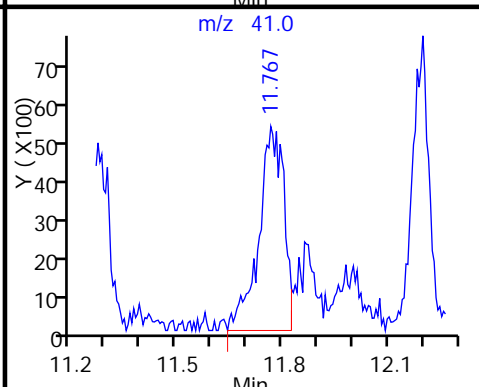
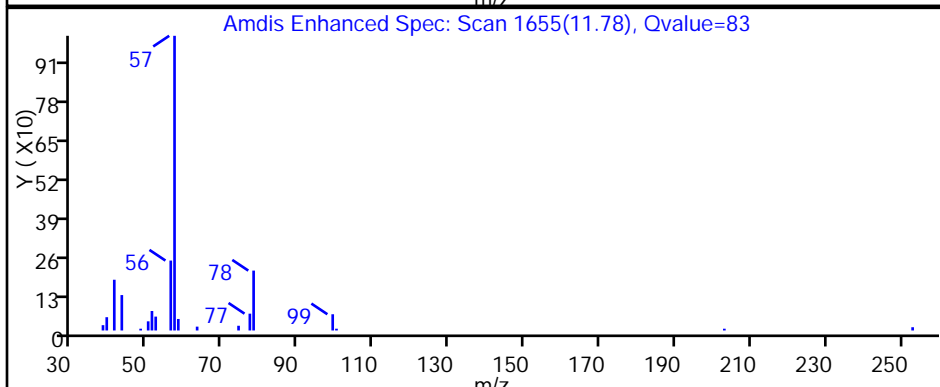
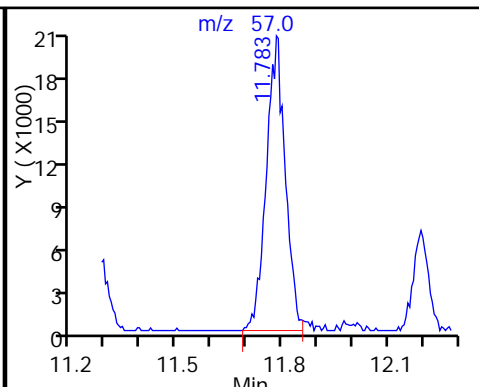
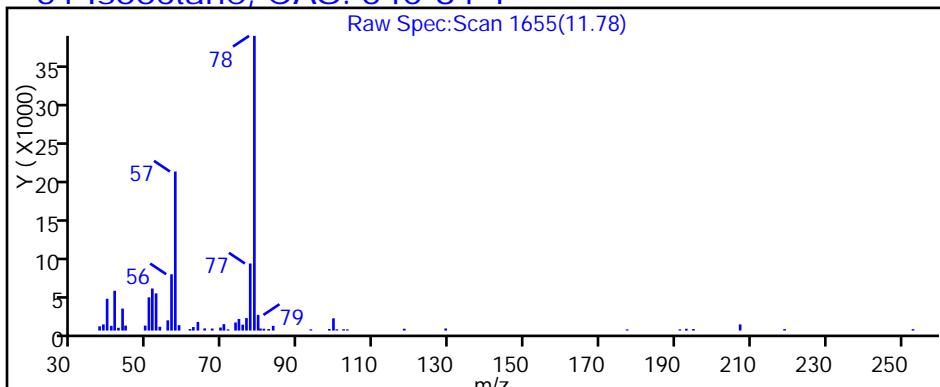
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

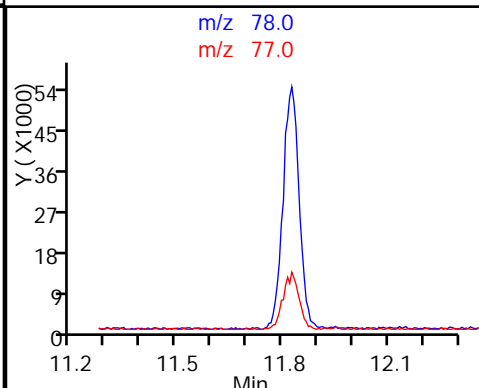
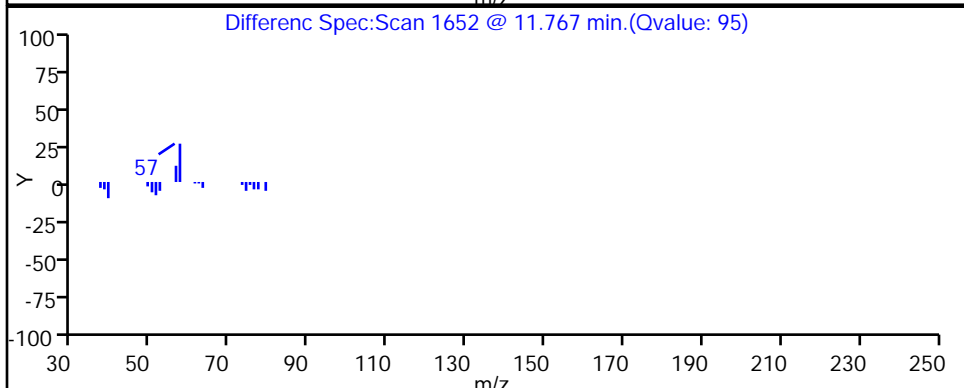
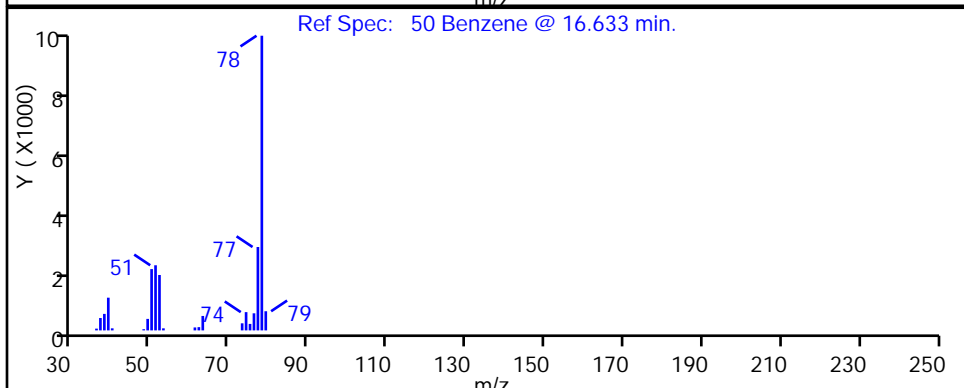
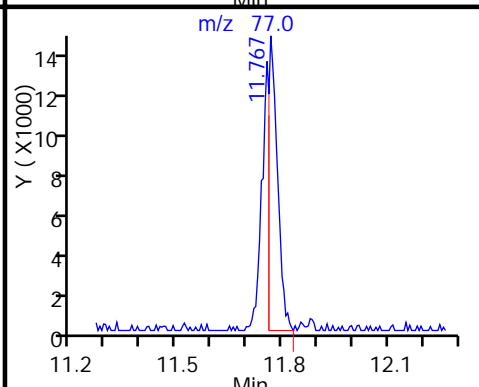
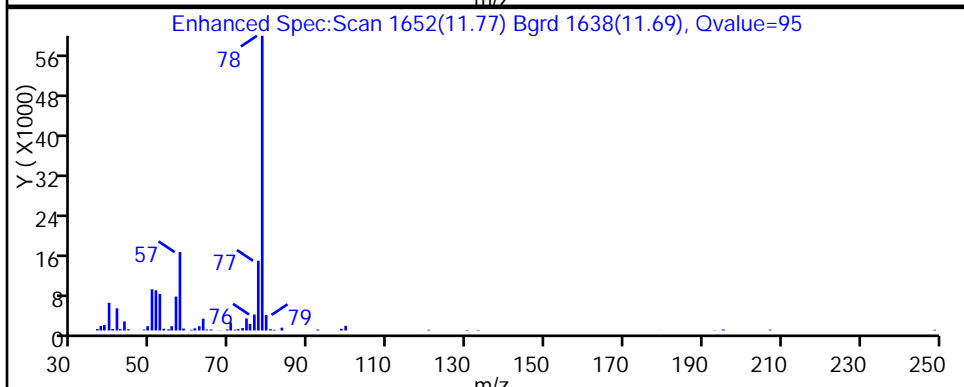
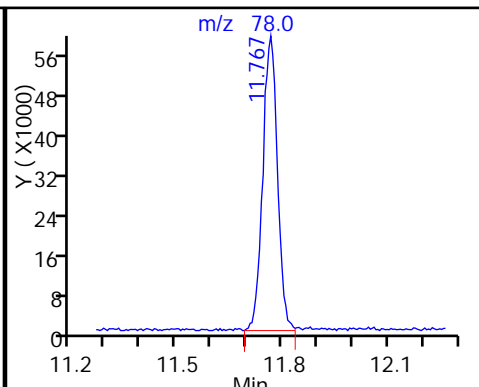
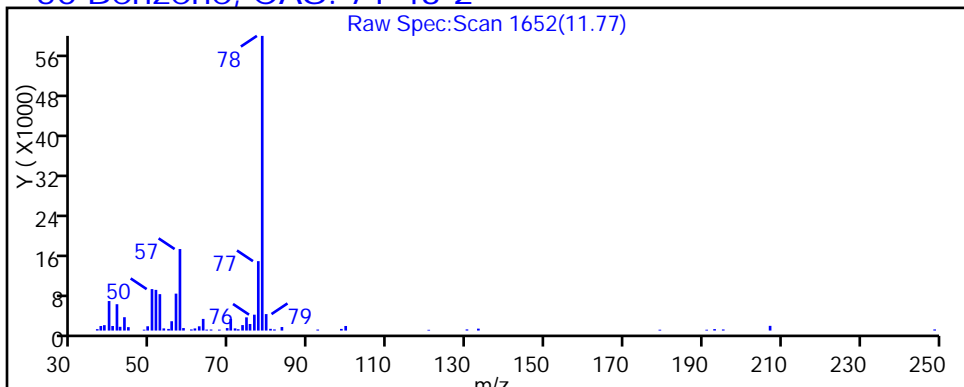
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

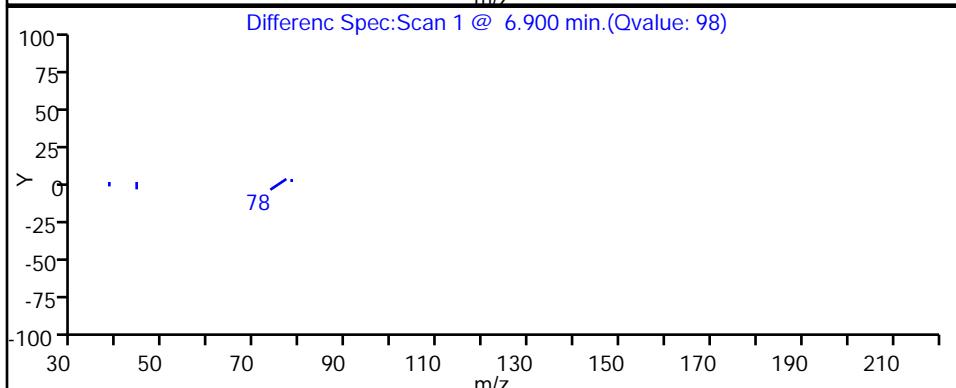
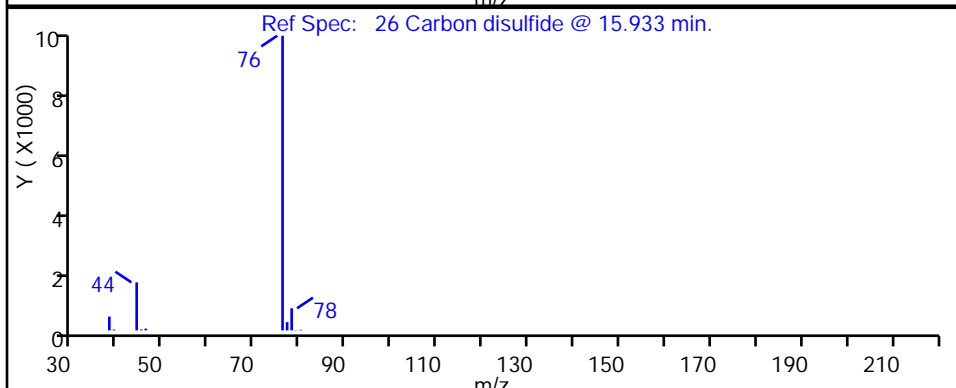
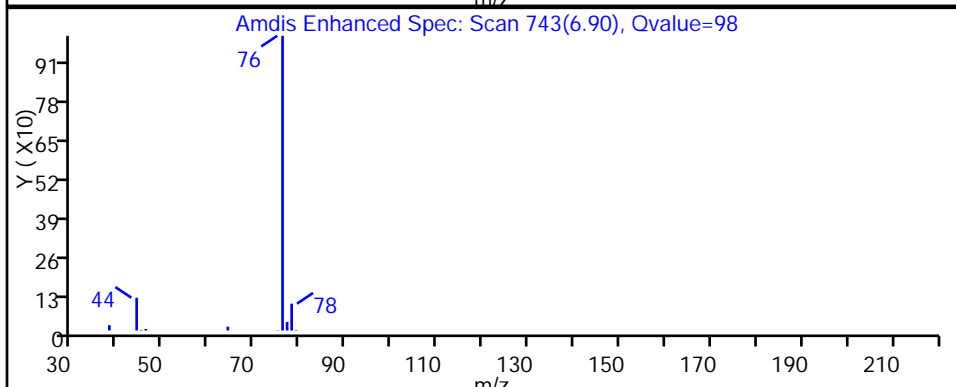
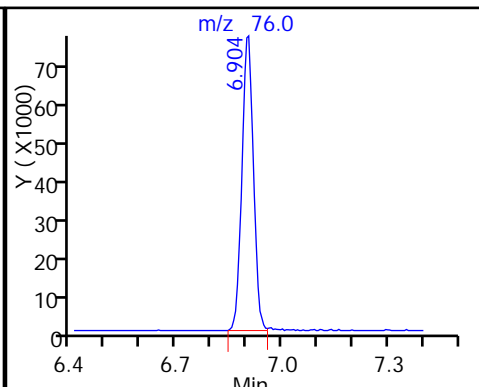
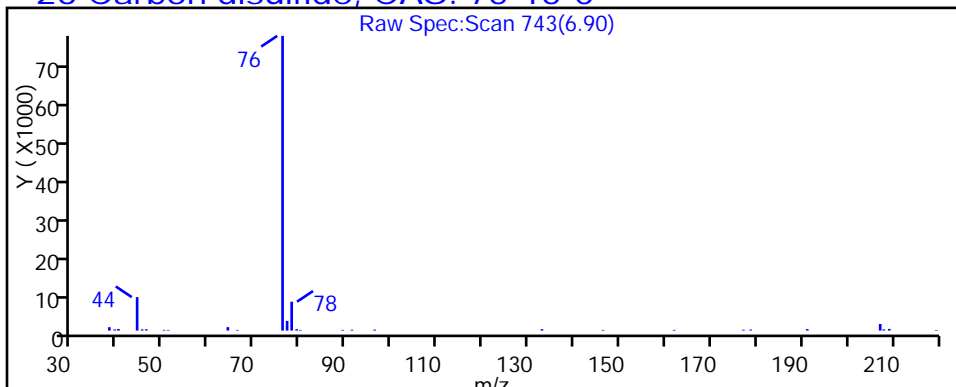
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

26 Carbon disulfide, CAS: 75-15-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

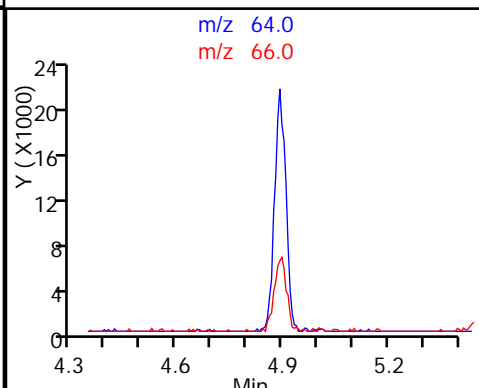
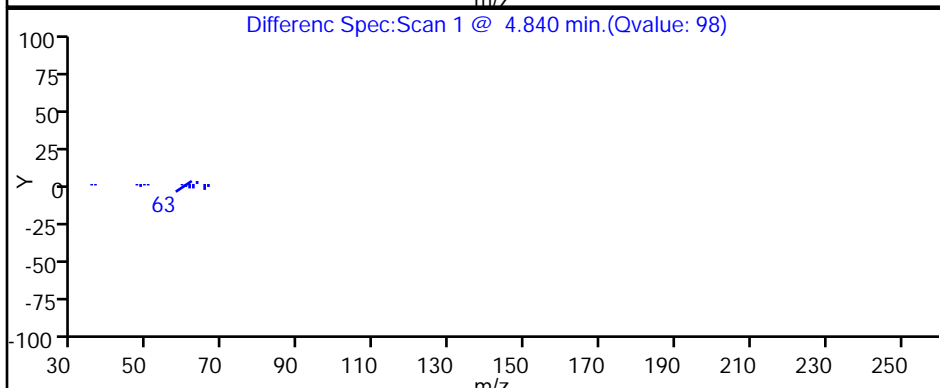
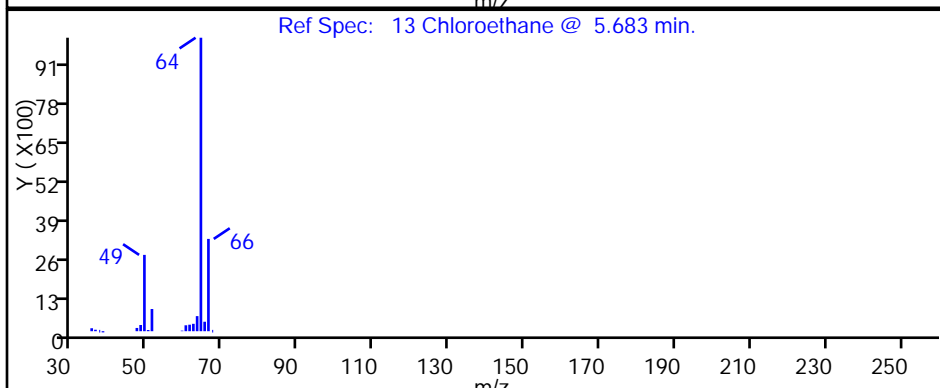
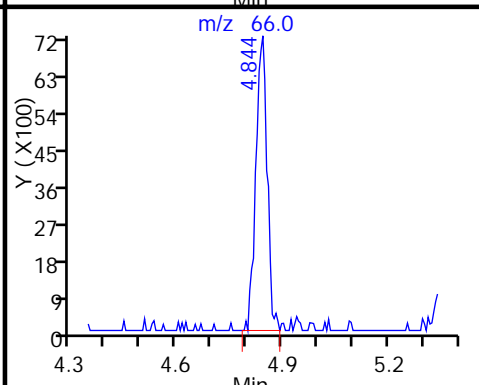
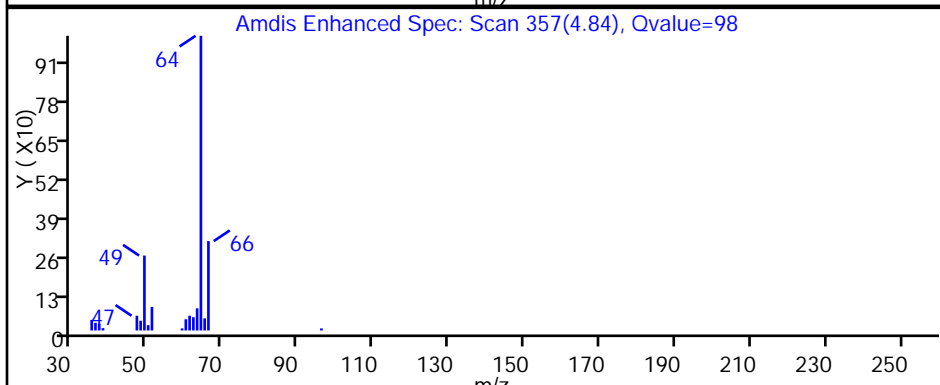
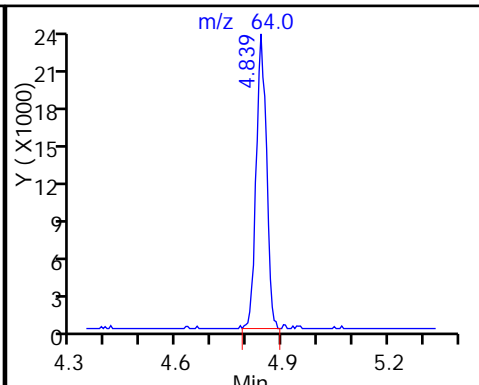
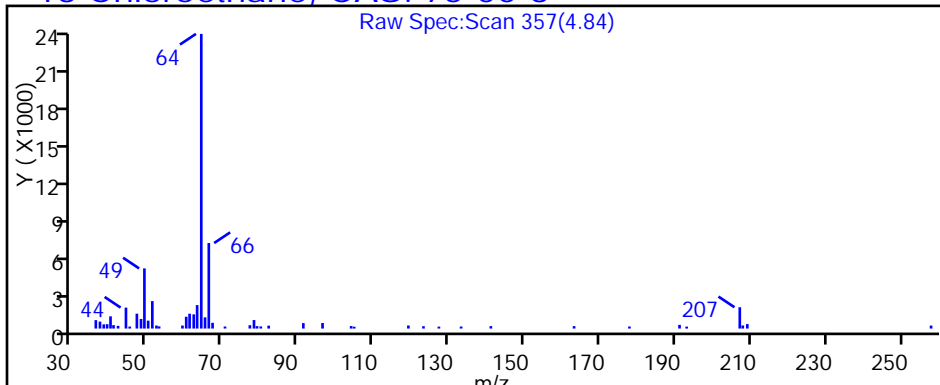
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

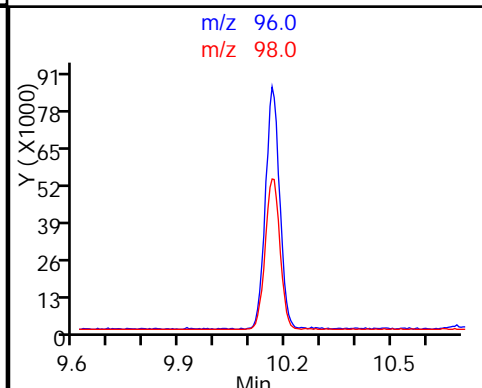
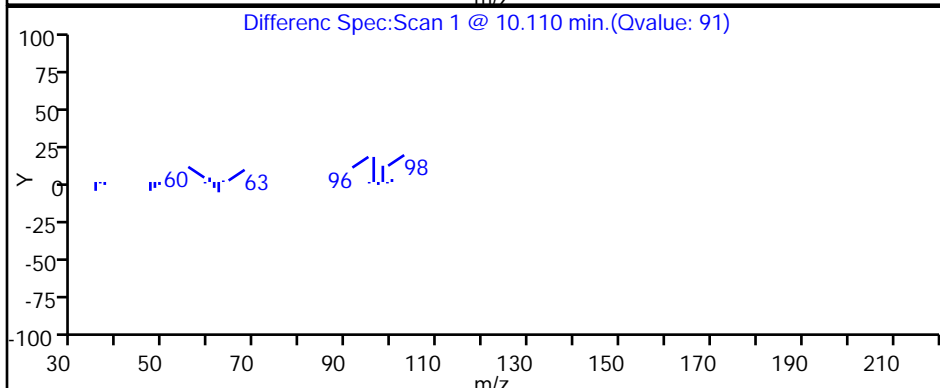
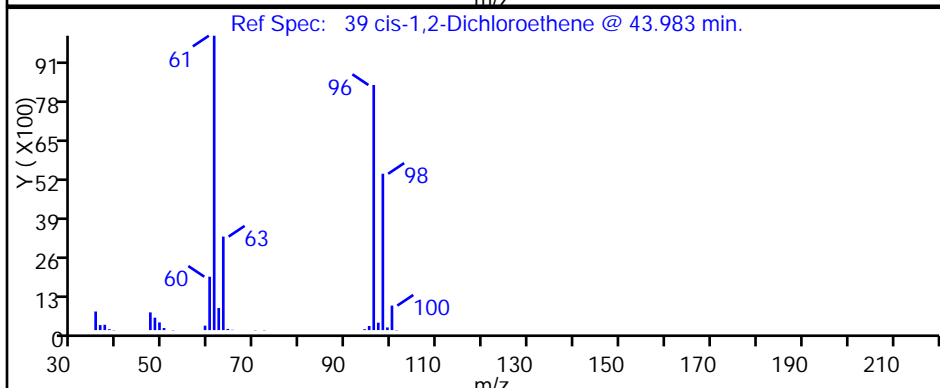
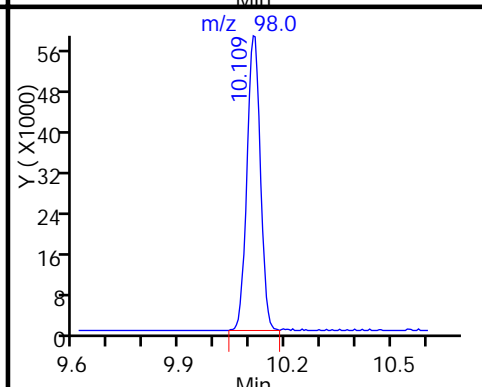
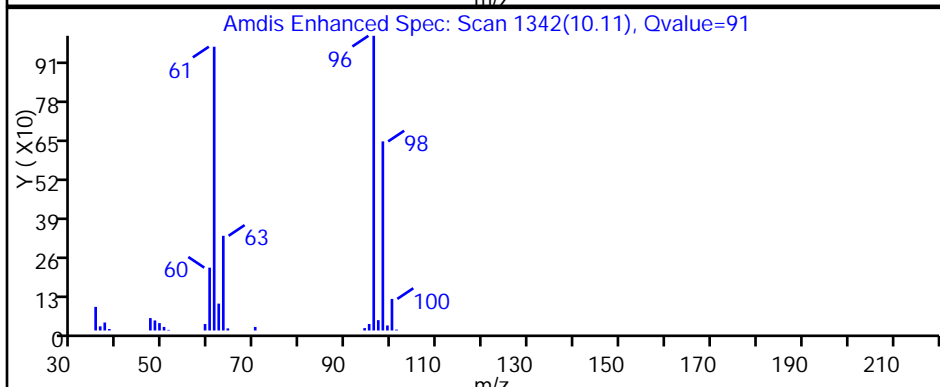
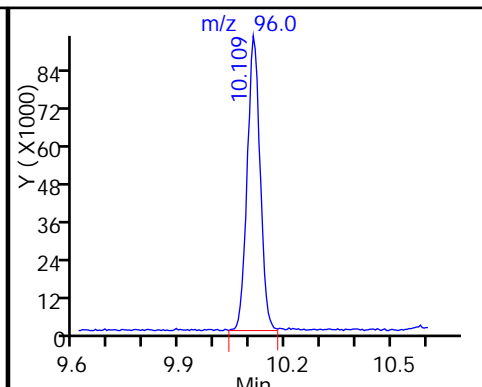
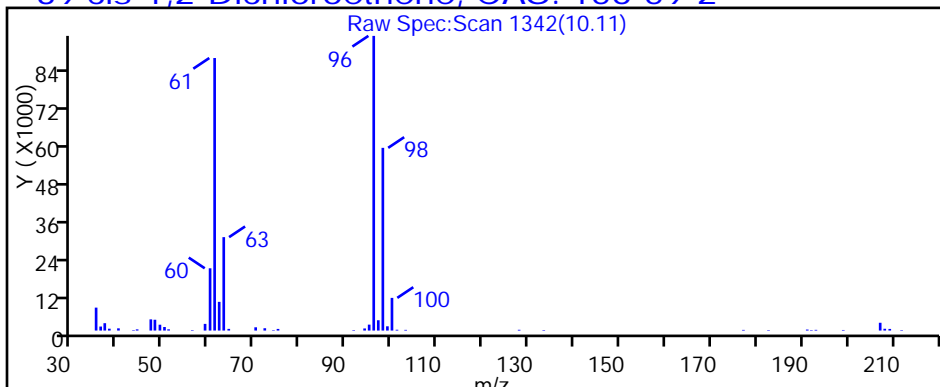
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

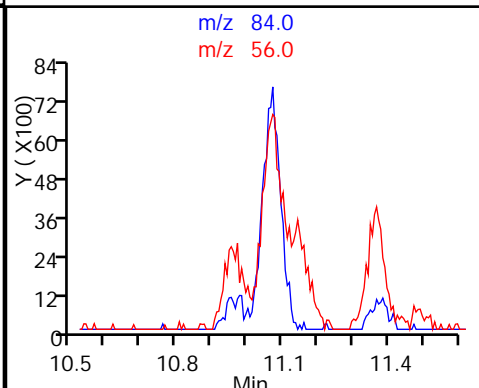
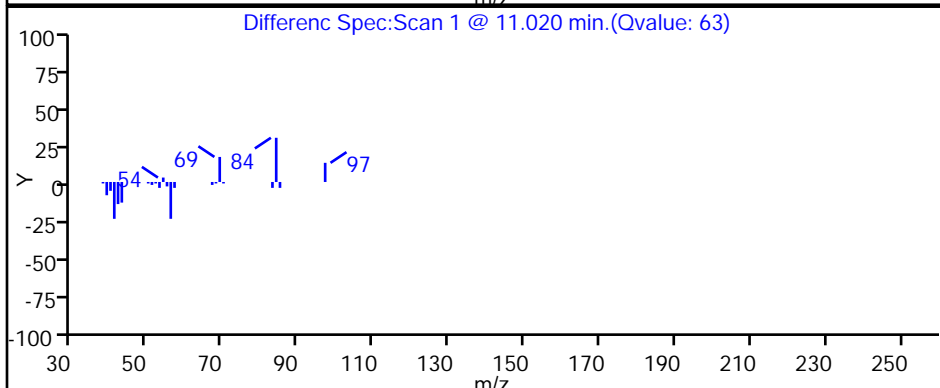
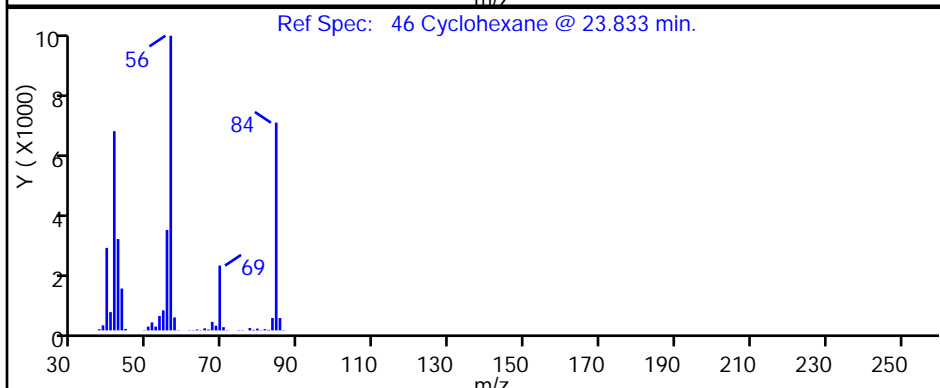
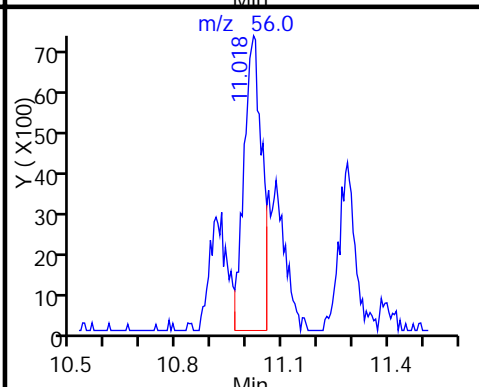
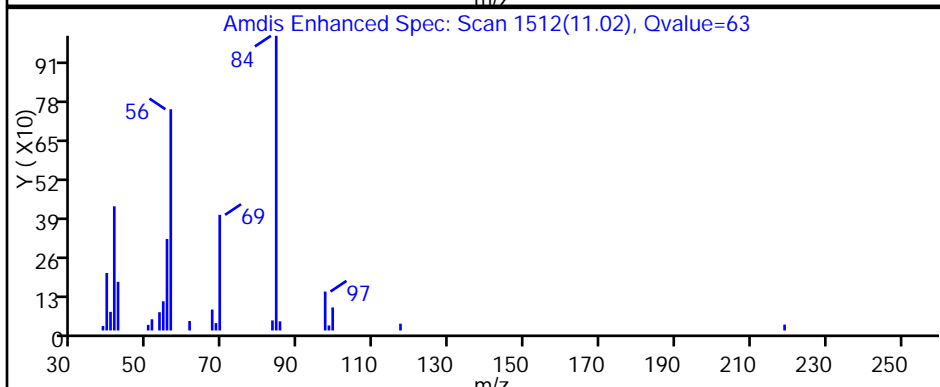
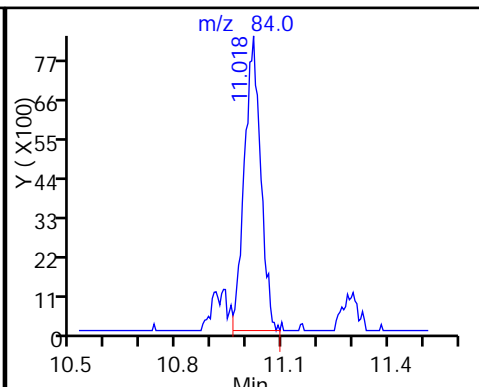
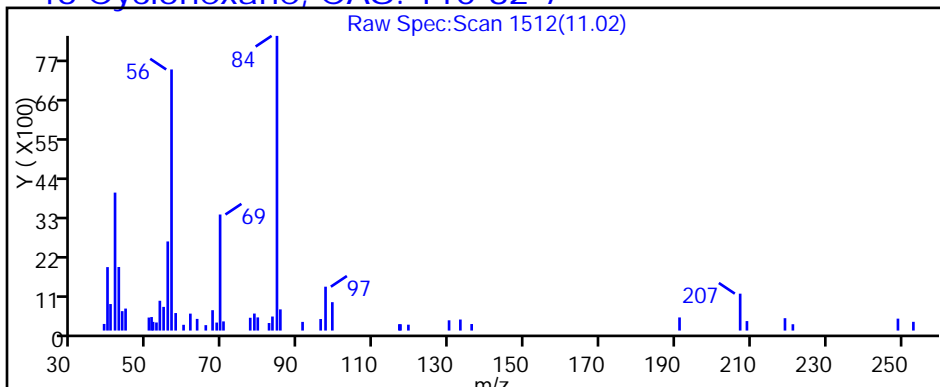
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

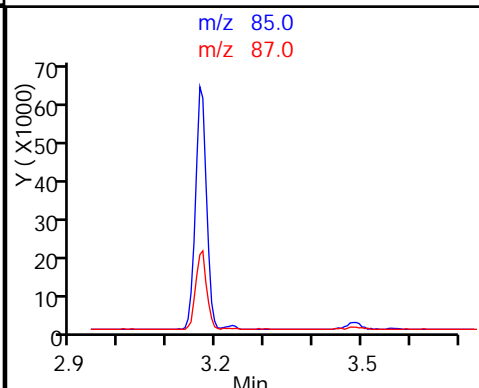
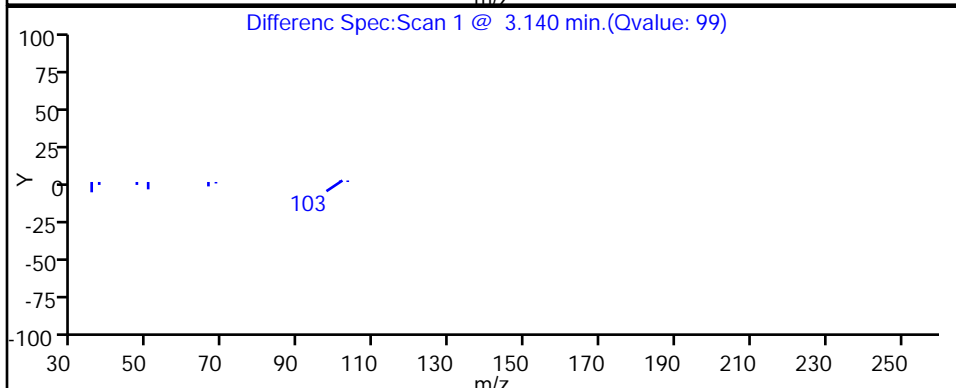
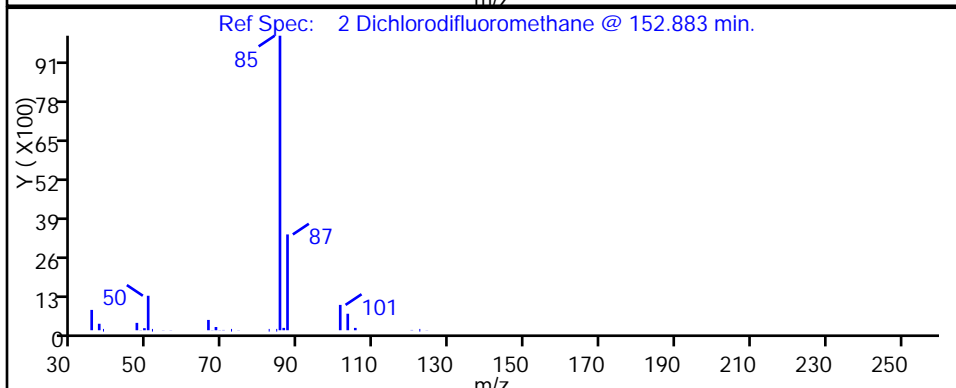
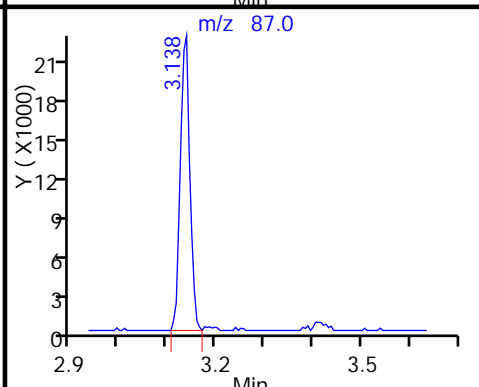
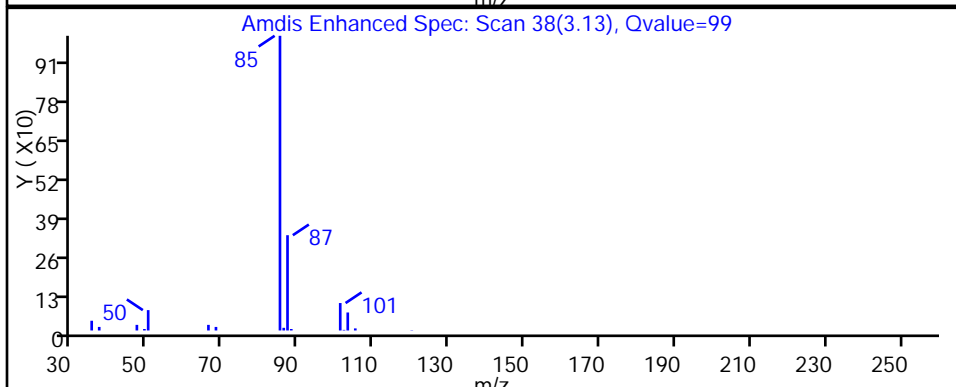
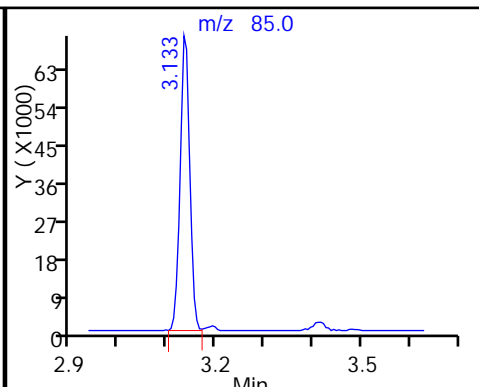
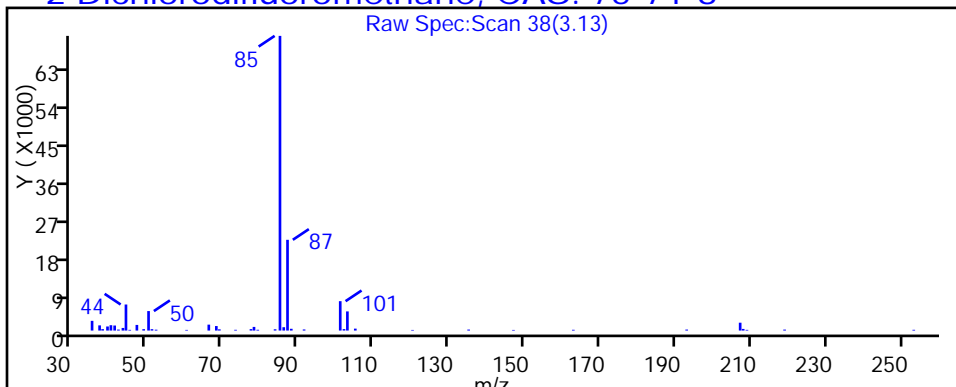
Method: TO15_LLNJ_TO3_G

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\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

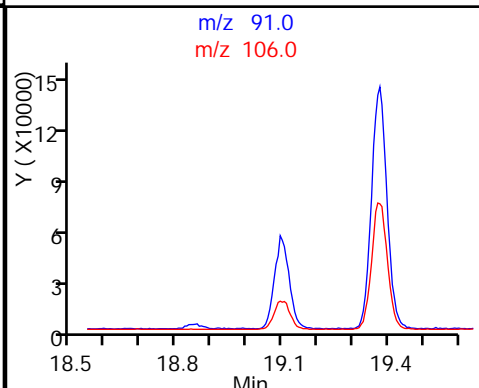
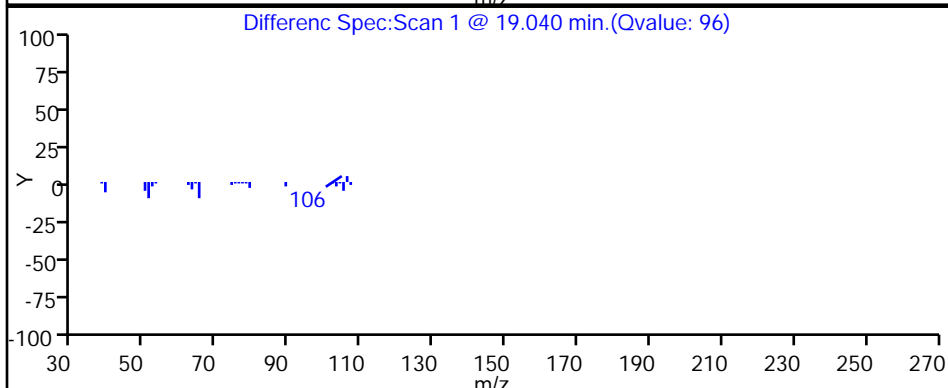
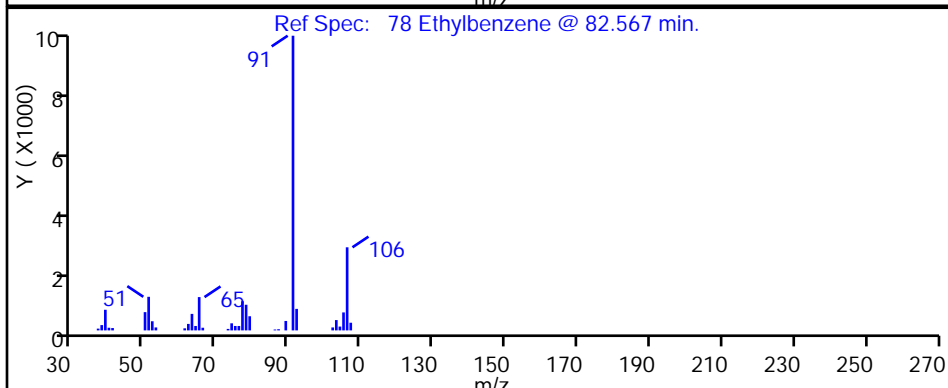
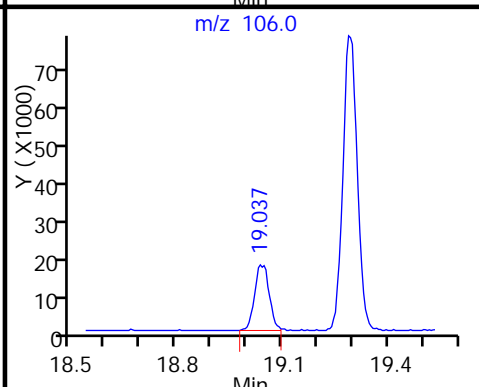
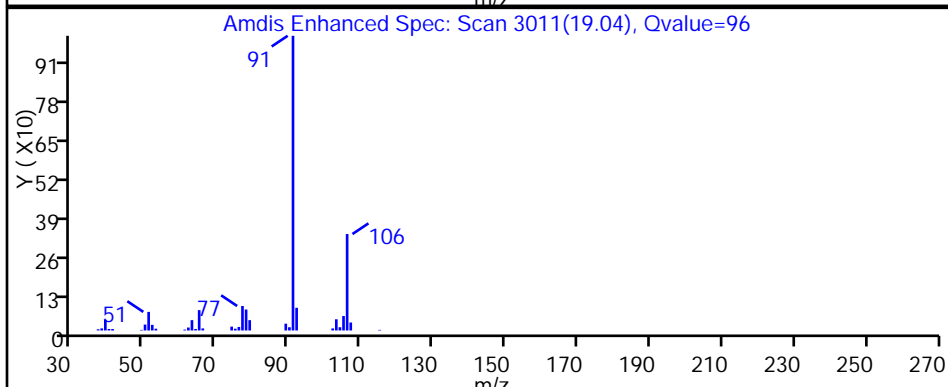
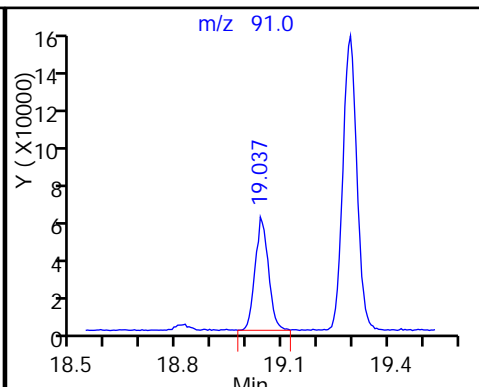
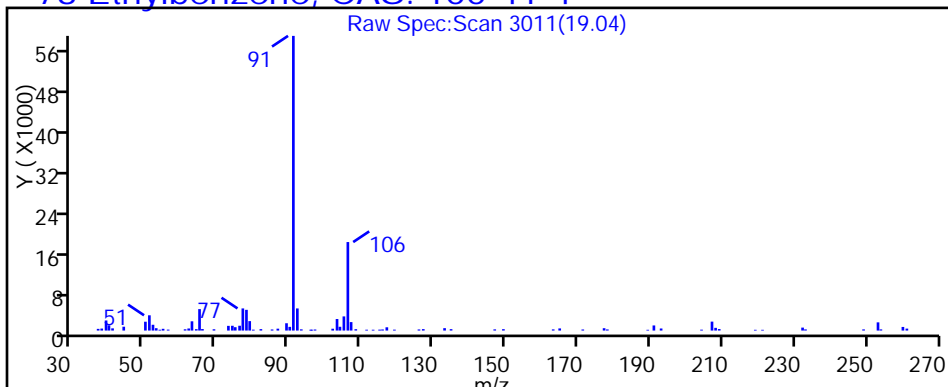
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTv-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

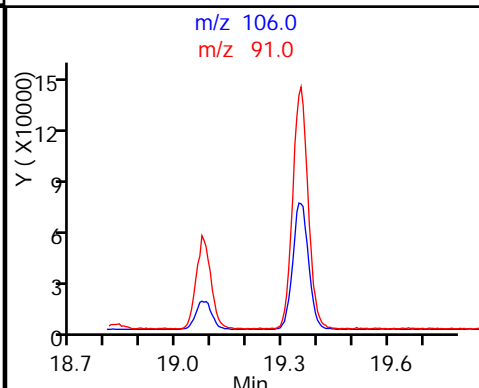
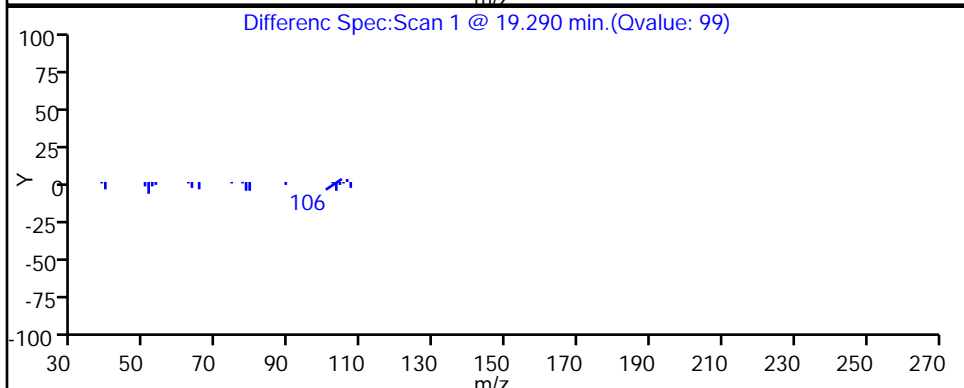
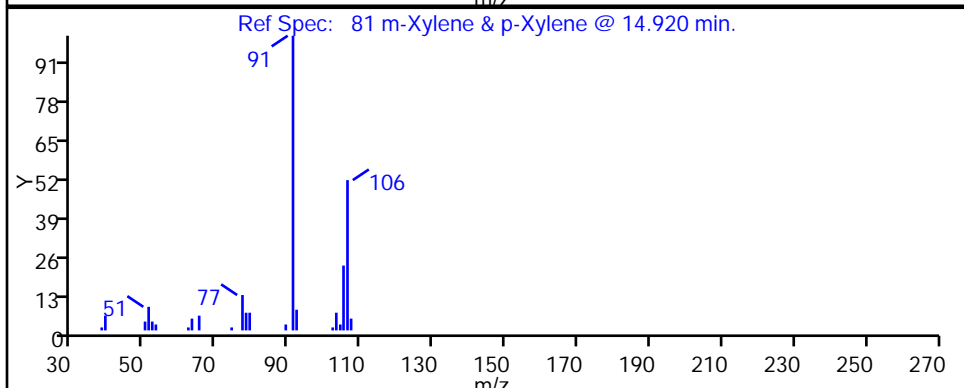
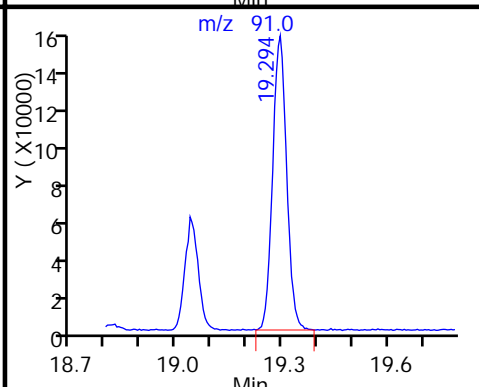
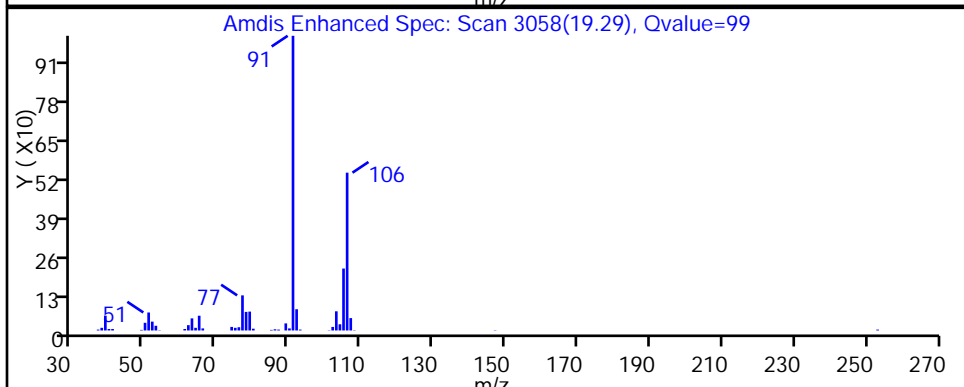
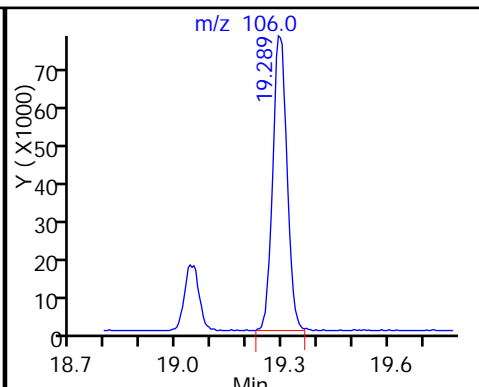
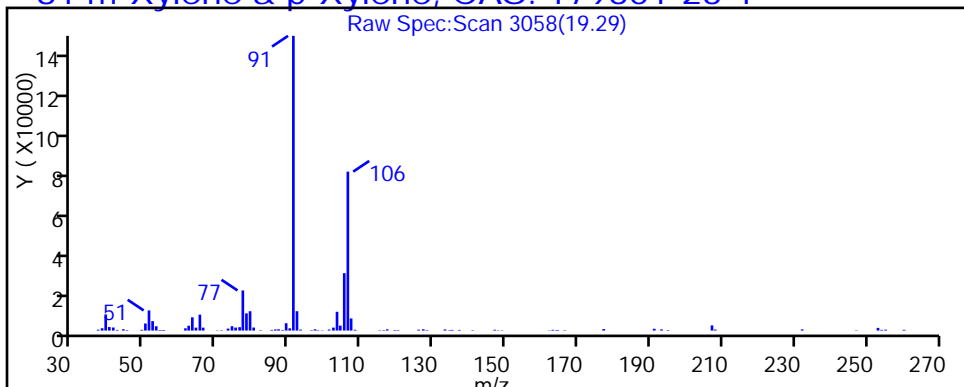
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

81 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

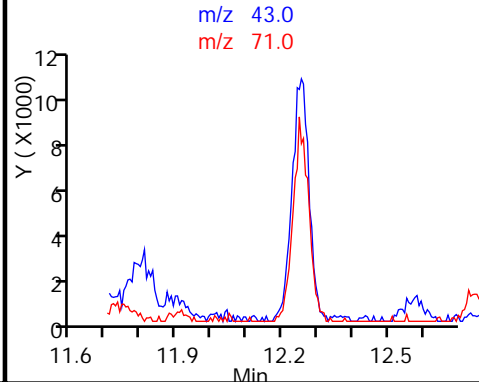
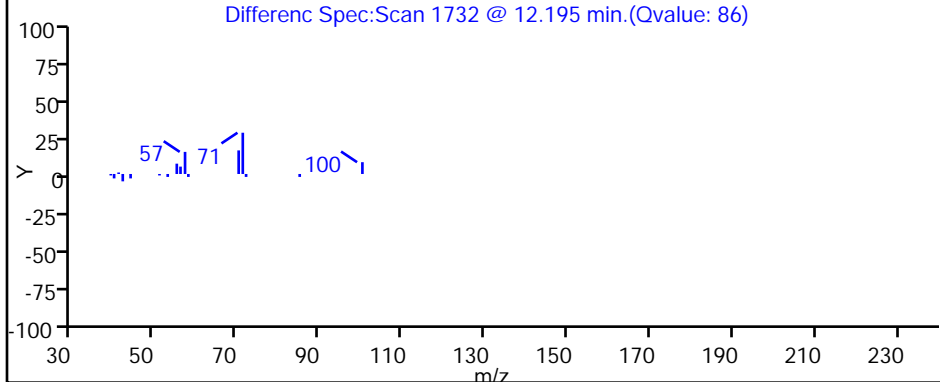
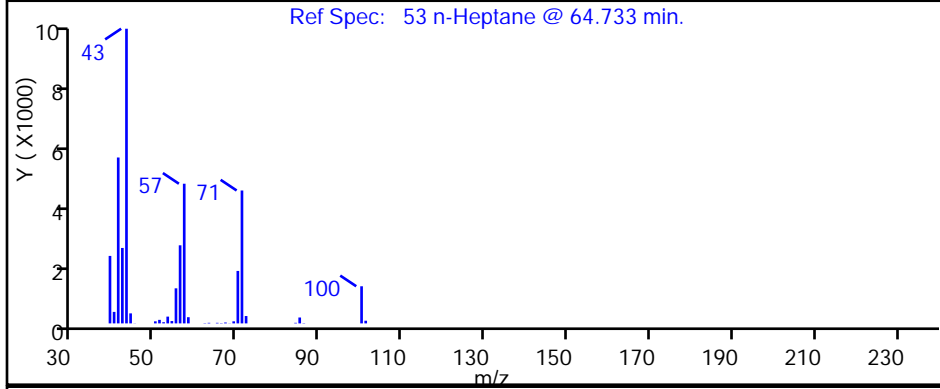
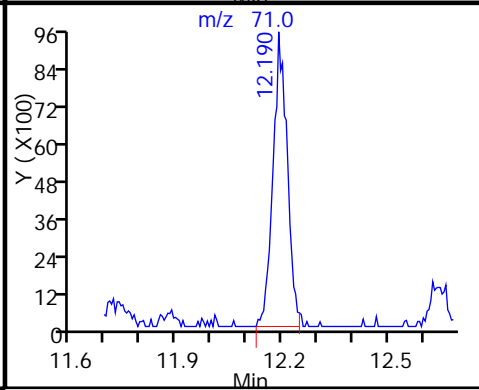
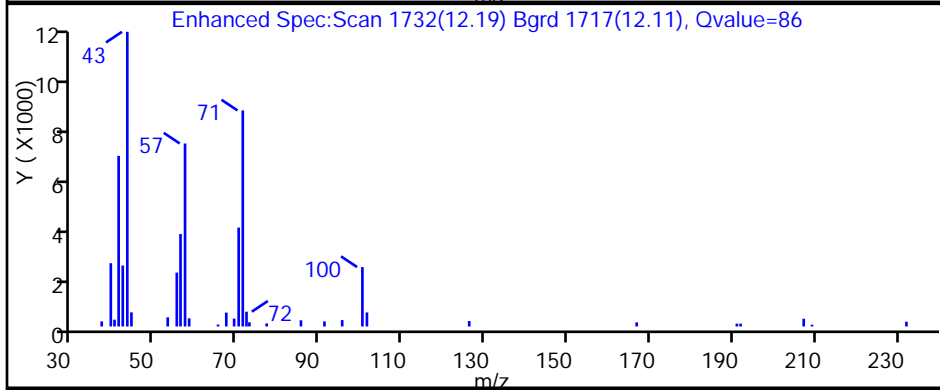
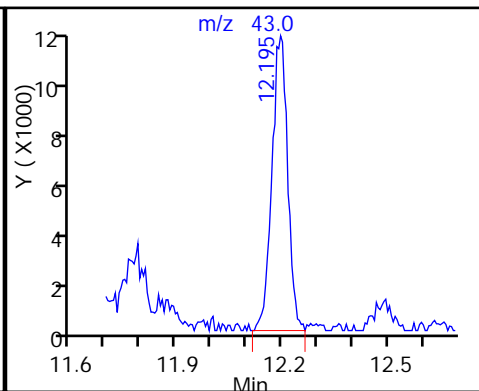
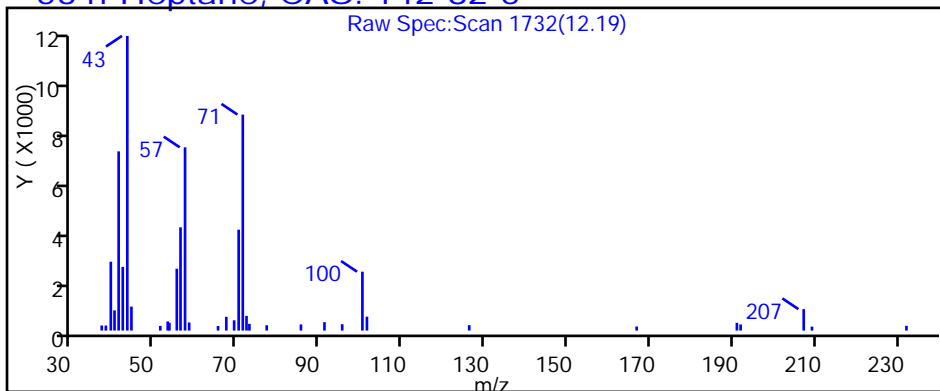
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

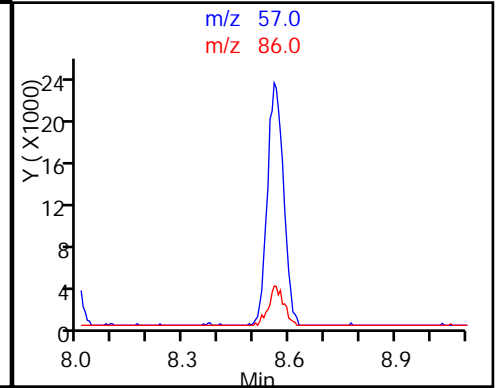
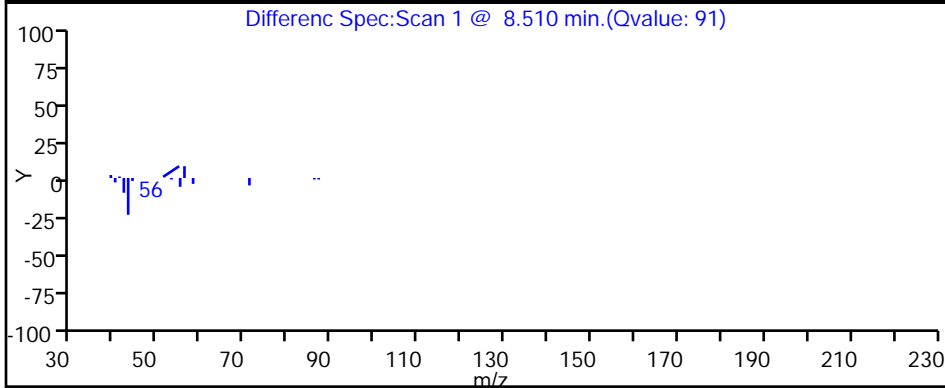
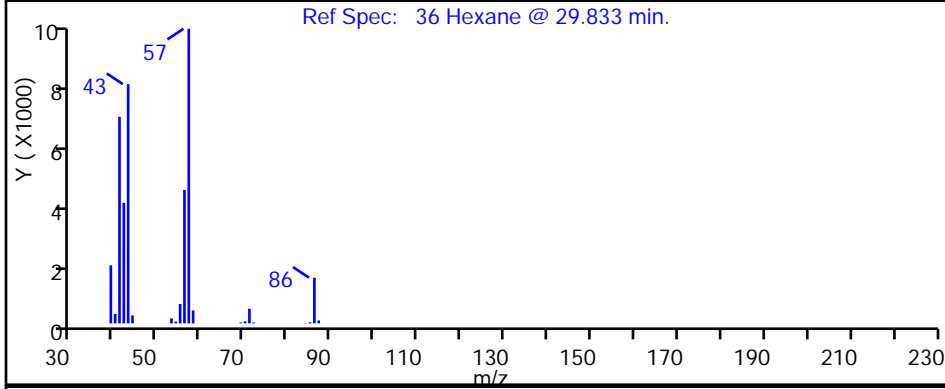
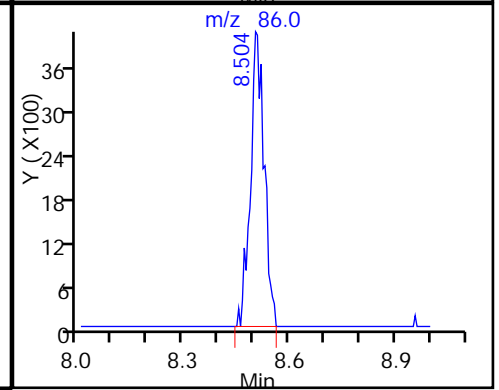
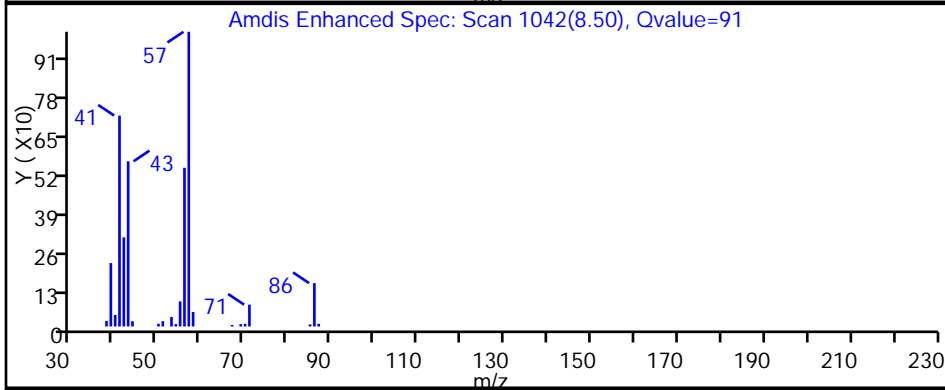
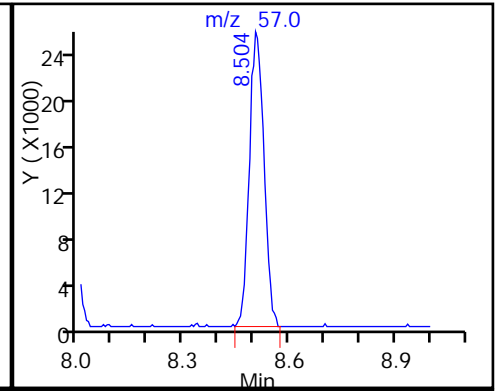
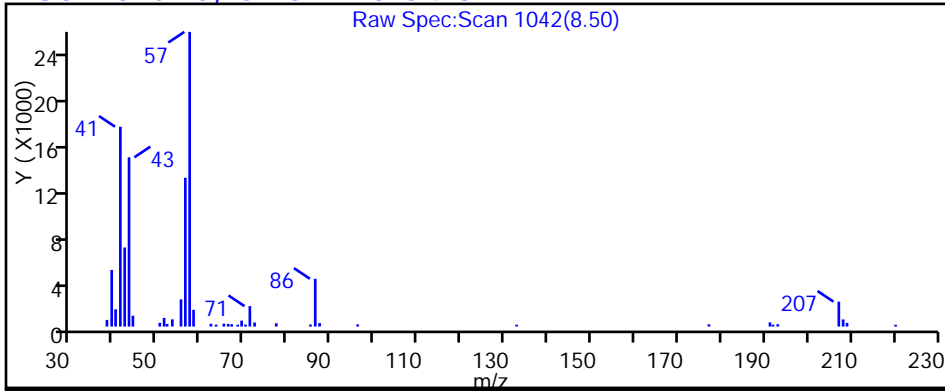
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

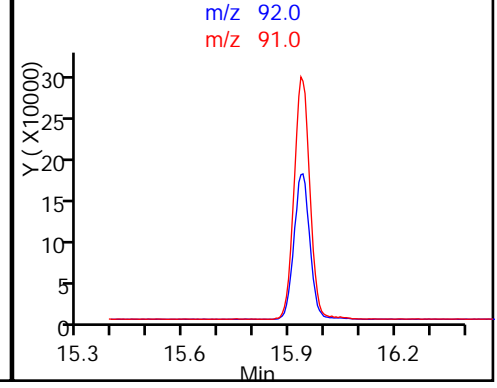
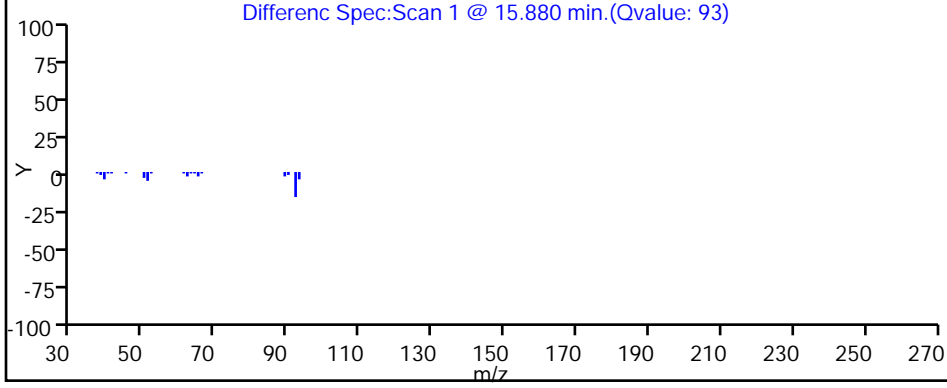
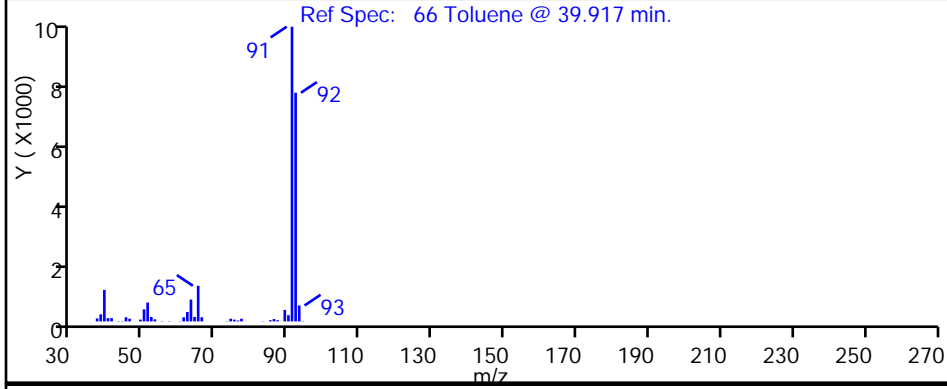
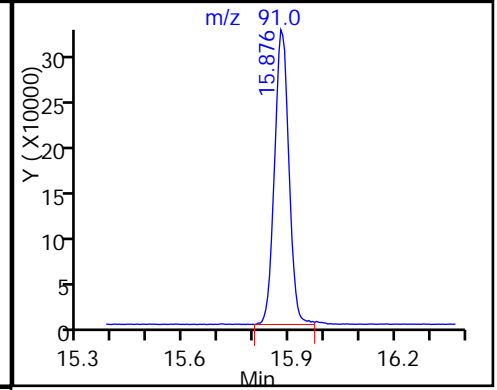
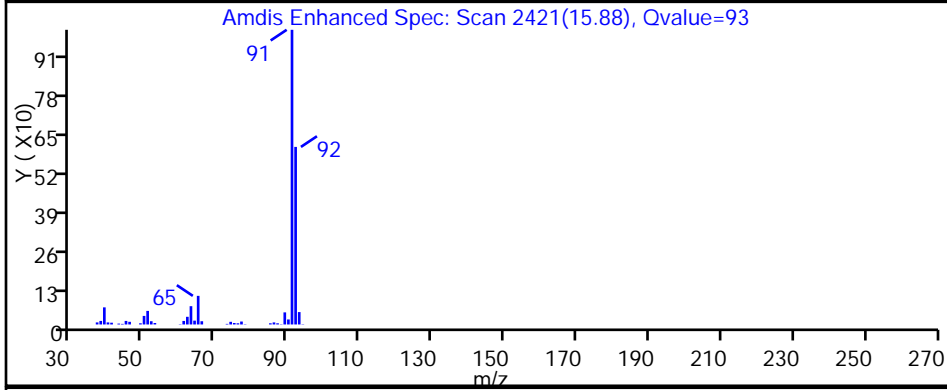
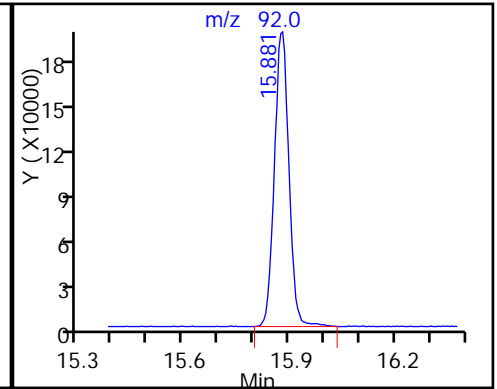
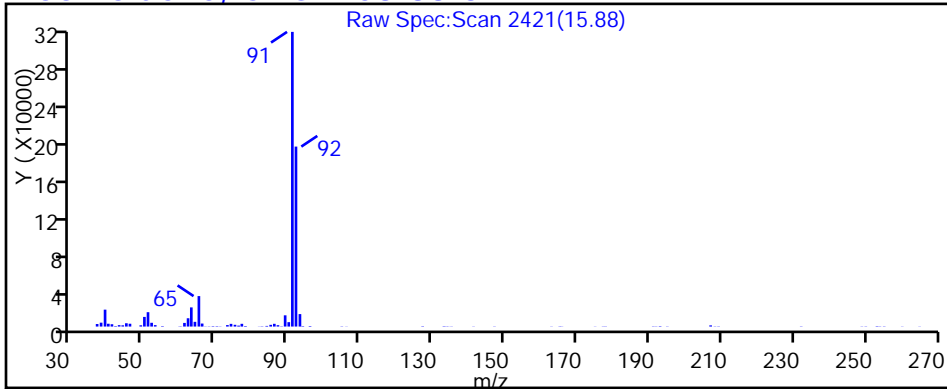
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

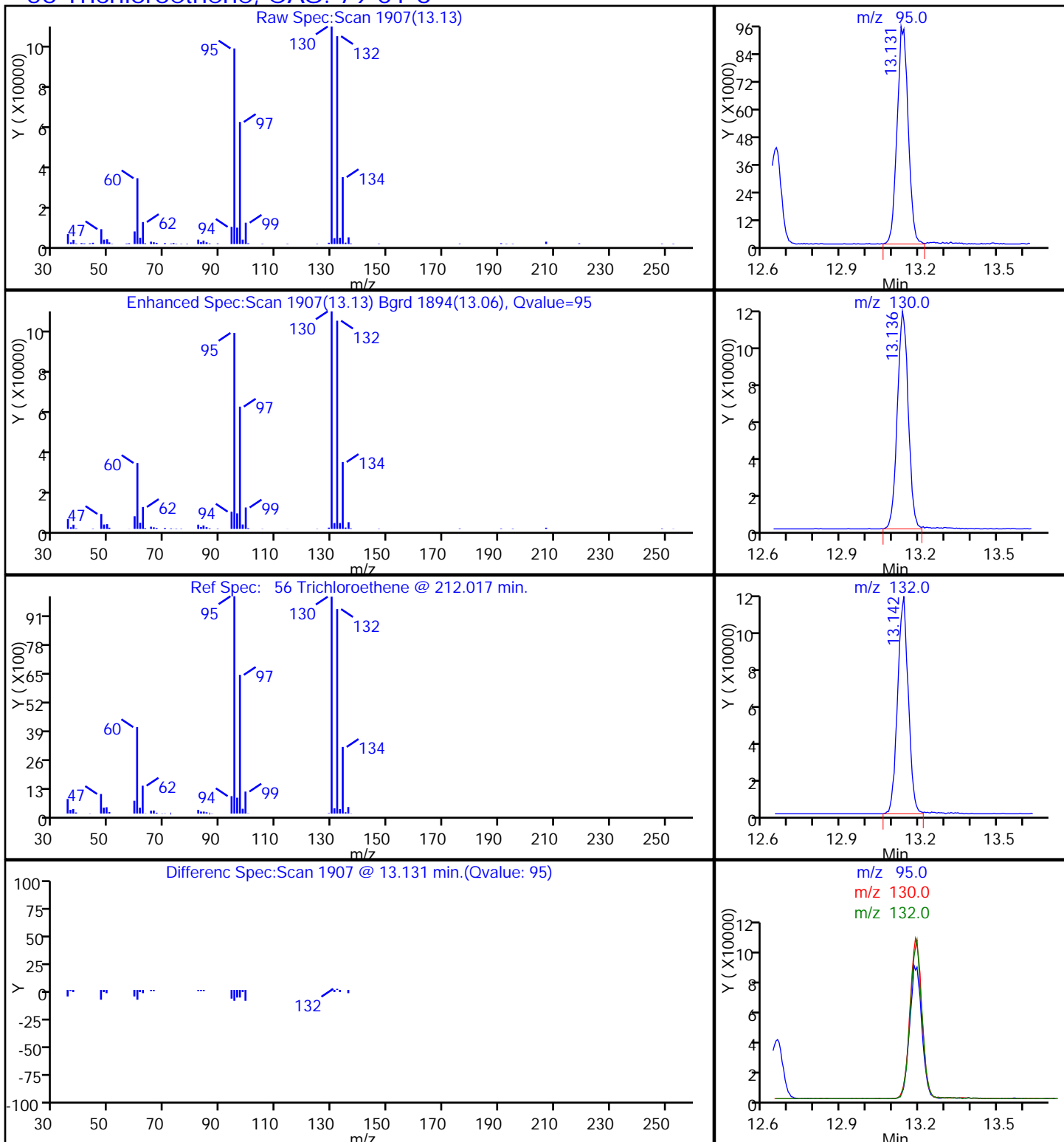
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

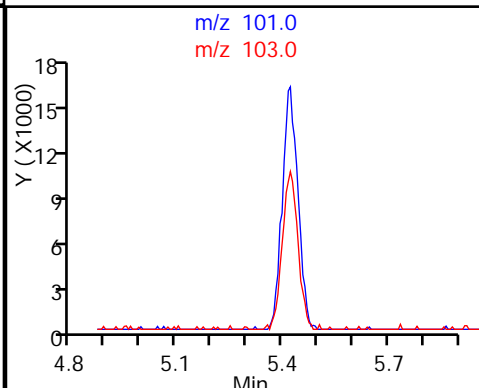
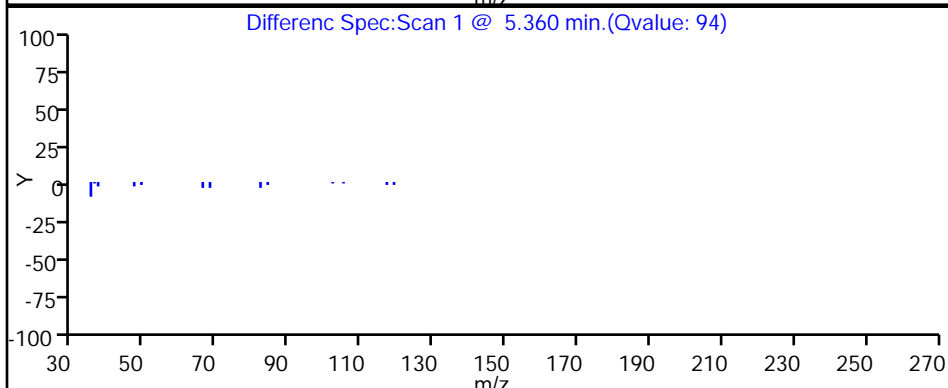
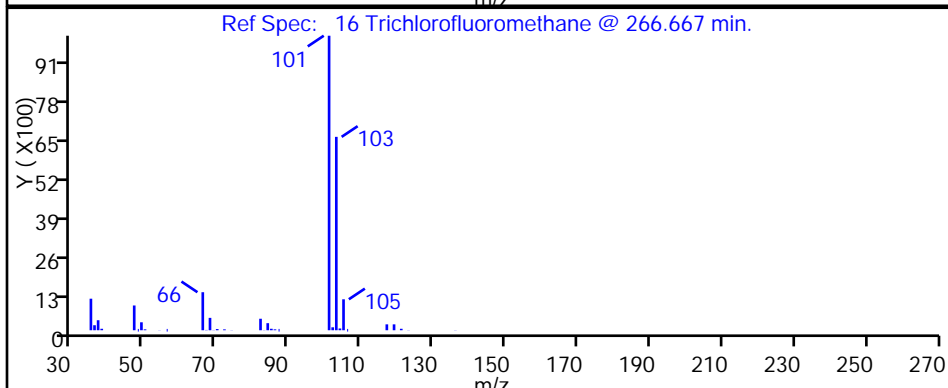
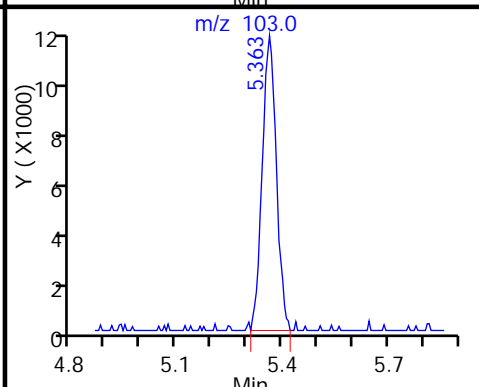
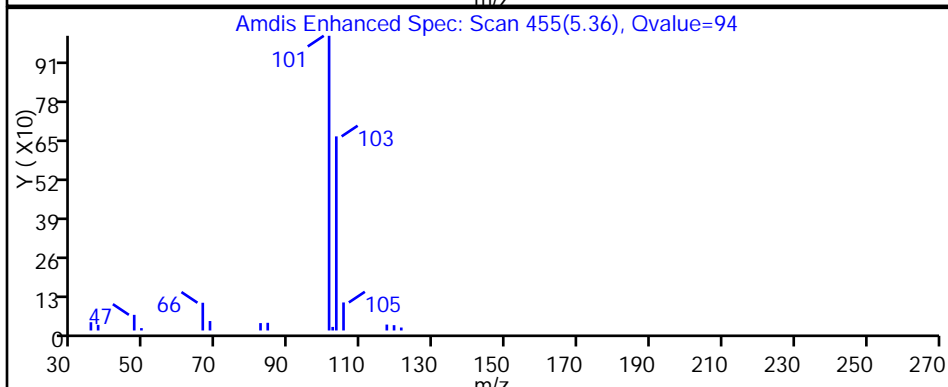
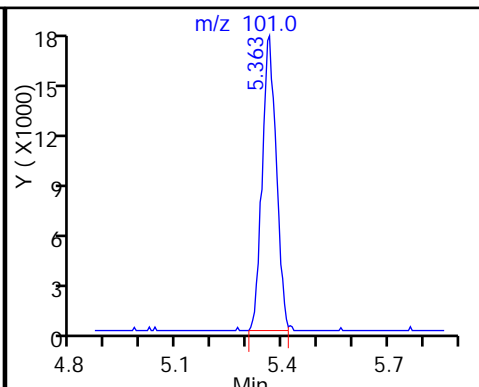
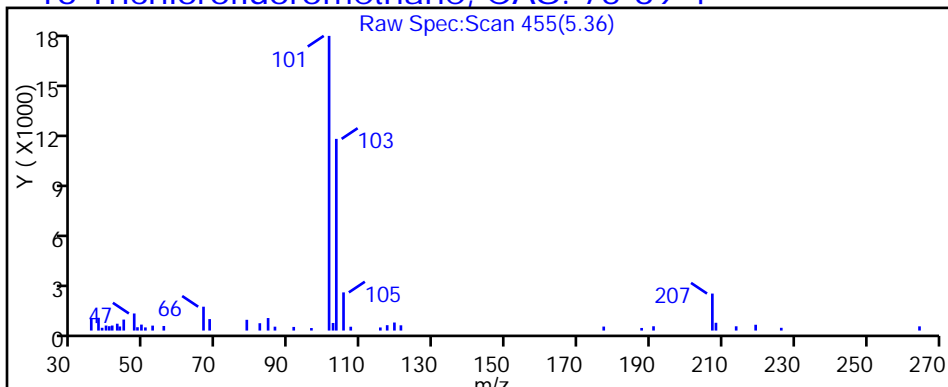
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

16 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

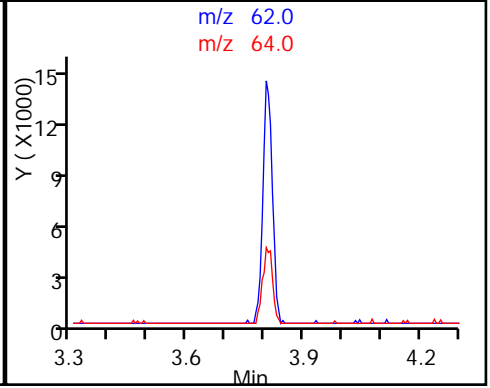
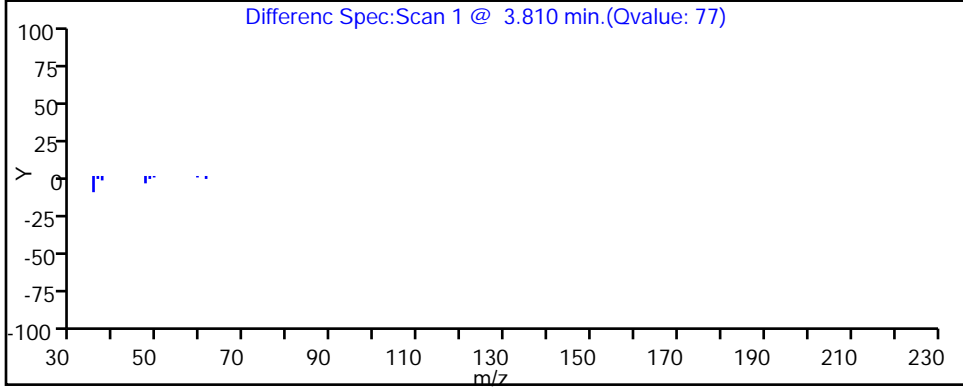
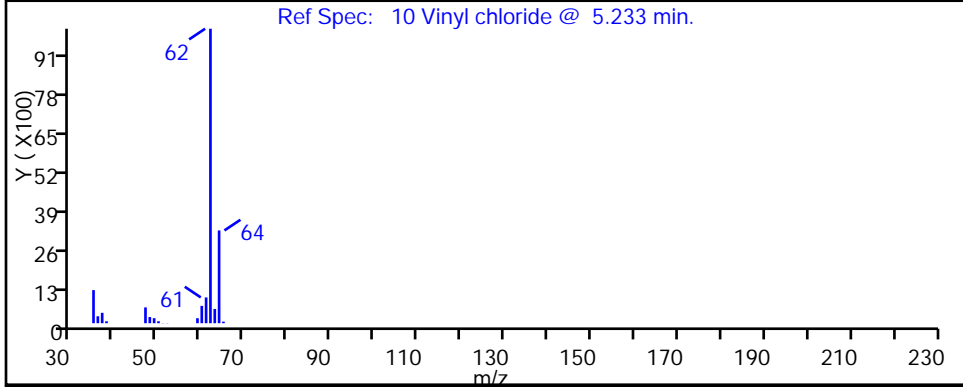
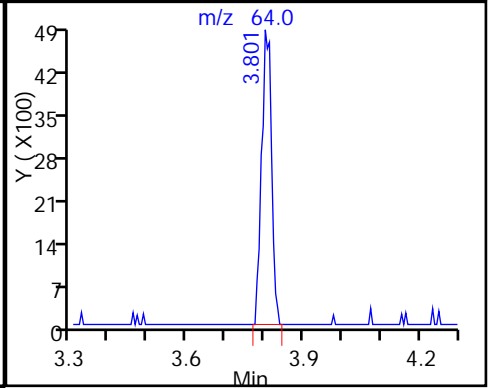
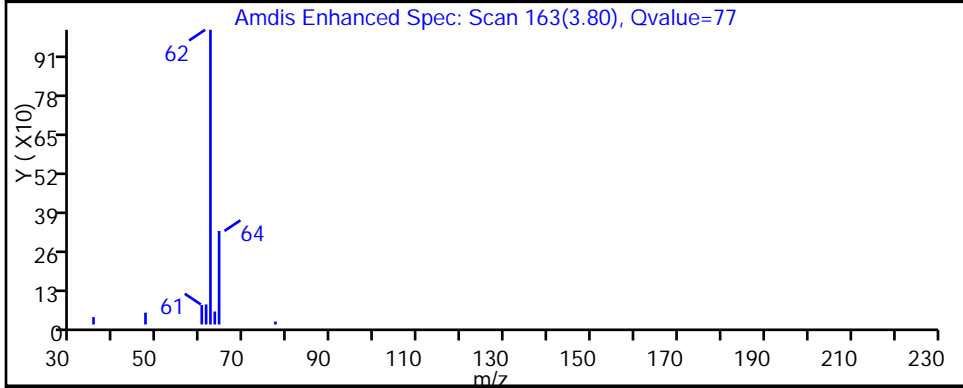
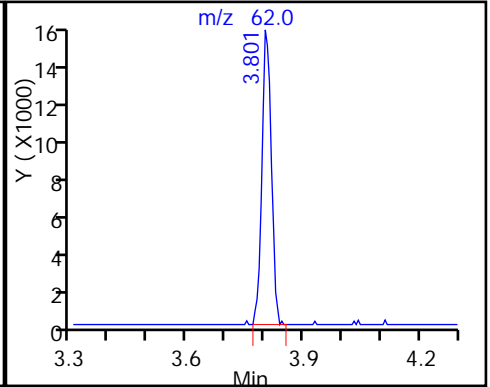
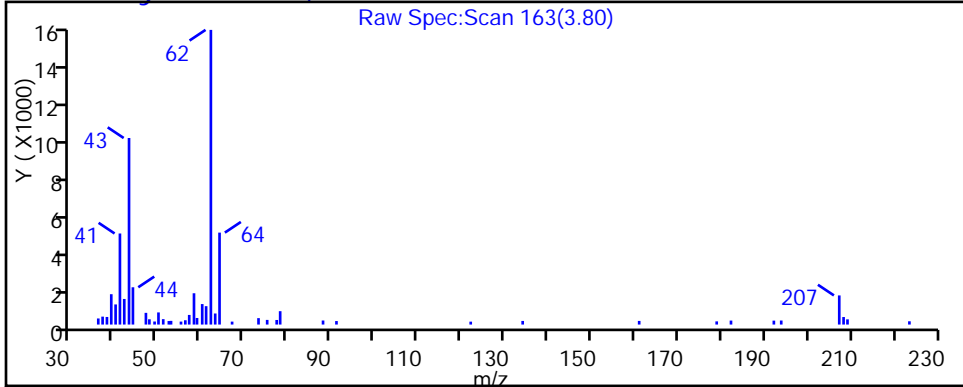
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

10 Vinyl chloride, CAS: 75-01-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D

Injection Date: 28-Jan-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 480-53849-A-1

Lab Sample ID: 200-53849-1

Client ID: 1Q14 AS

Operator ID: wrd

ALS Bottle#: 2

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

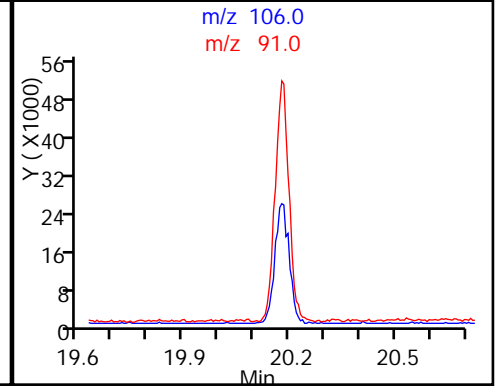
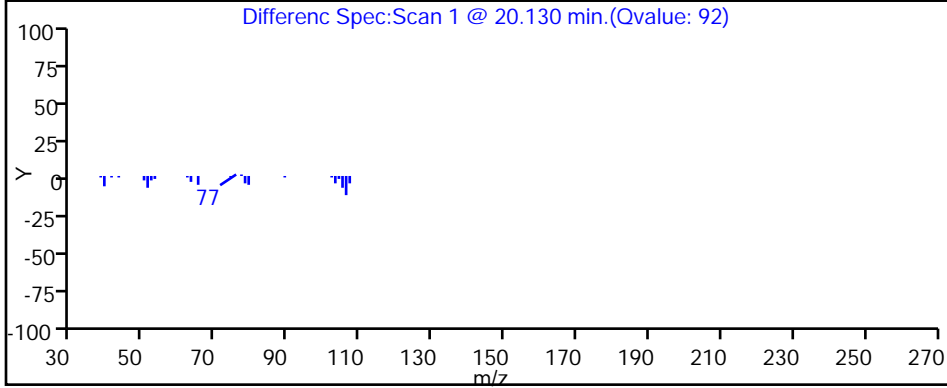
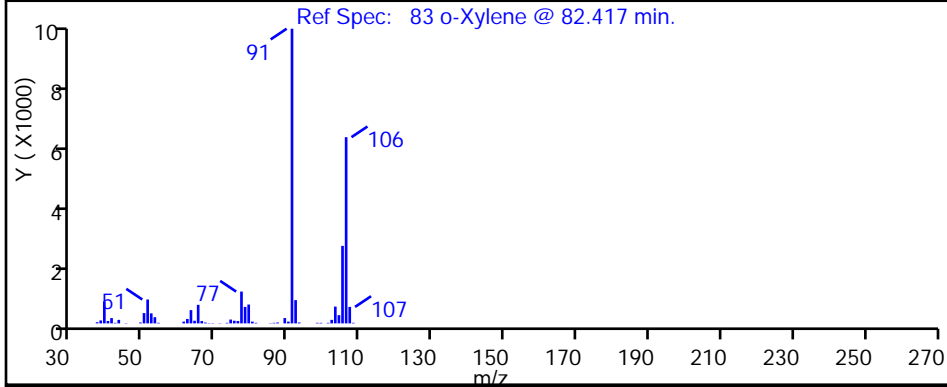
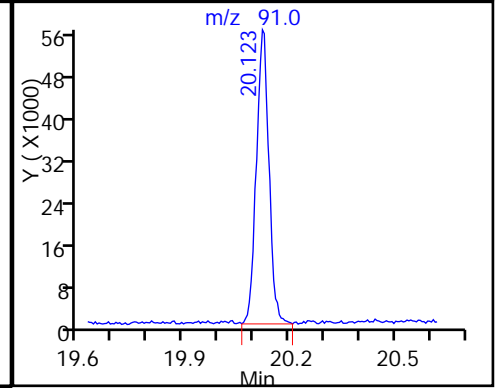
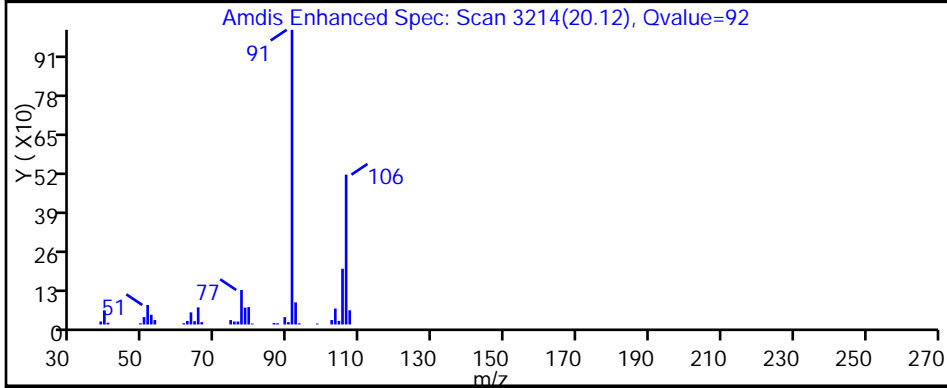
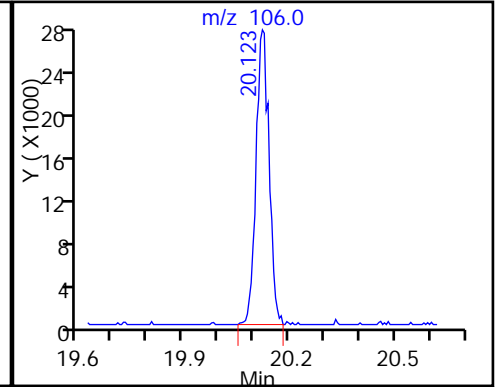
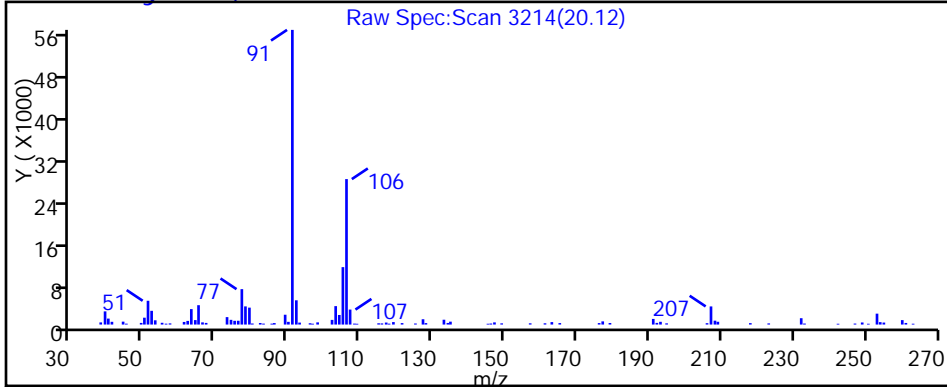
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



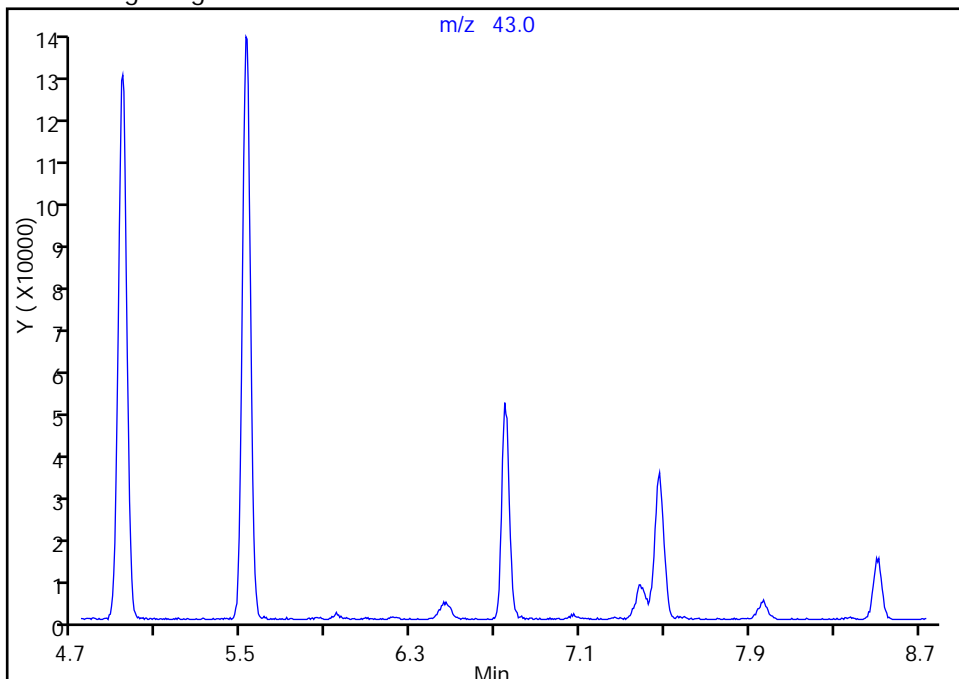
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D	Instrument ID:	CHG.i	Worklist Smp#:	19
Injection Date:	28-Jan-2014 23:55:30	Lab Sample ID:	200-53849-1		
Lims ID:	480-53849-A-1				
Client ID:	1Q14 AS				
Operator ID:	wrd	ALS Bottle#:	2		
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL NJ_TO3_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

25 Acetone, CAS: 67-64-1

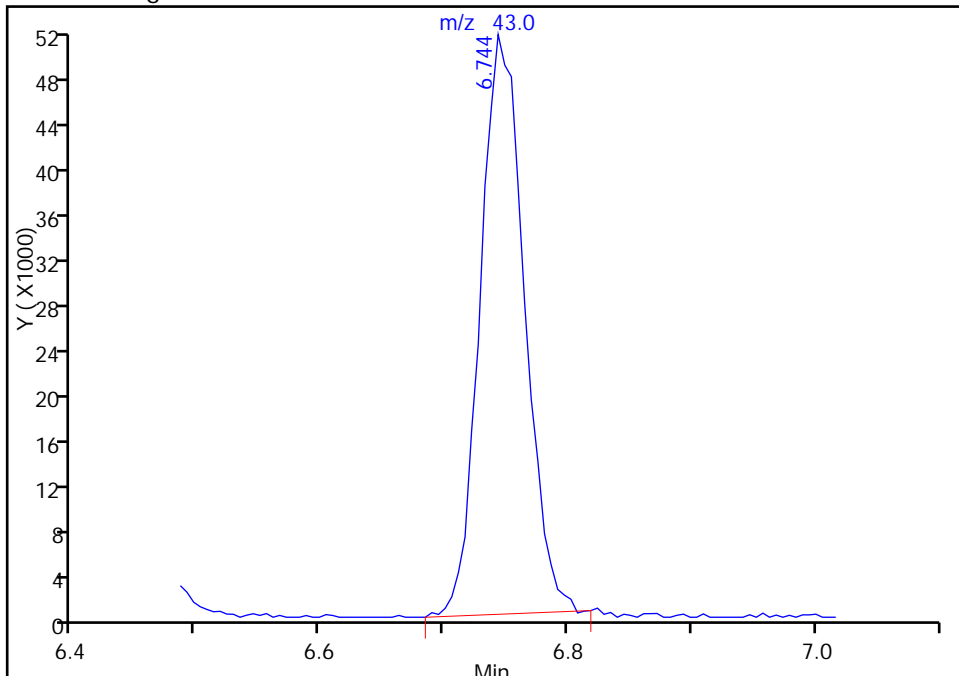
Not Detected
Expected RT: 6.74

Processing Integration Results



RT: 6.74
Response: 127420
Amount: 2.424048

Manual Integration Results



Reviewer: desjardinsb, 29-Jan-2014 09:16:15
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

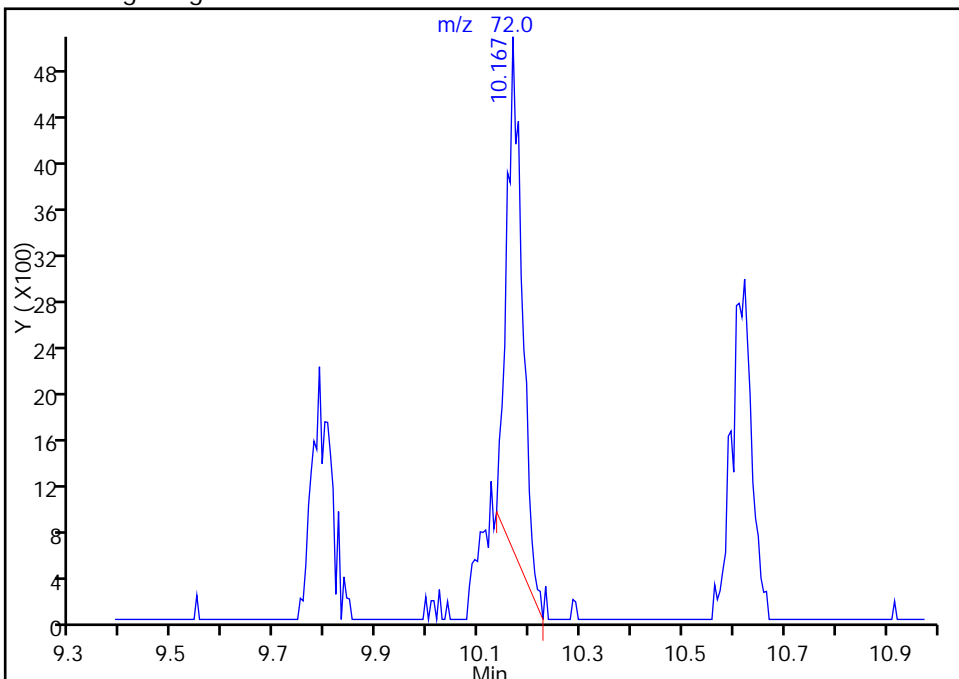
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881019.D
Injection Date: 28-Jan-2014 23:55:30 Instrument ID: CHG.i
Lims ID: 480-53849-A-1 Lab Sample ID: 200-53849-1
Client ID: 1Q14 AS
Operator ID: wrd ALS Bottle#: 2 Worklist Smp#: 19
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 2-Butanone (MEK), CAS: 78-93-3

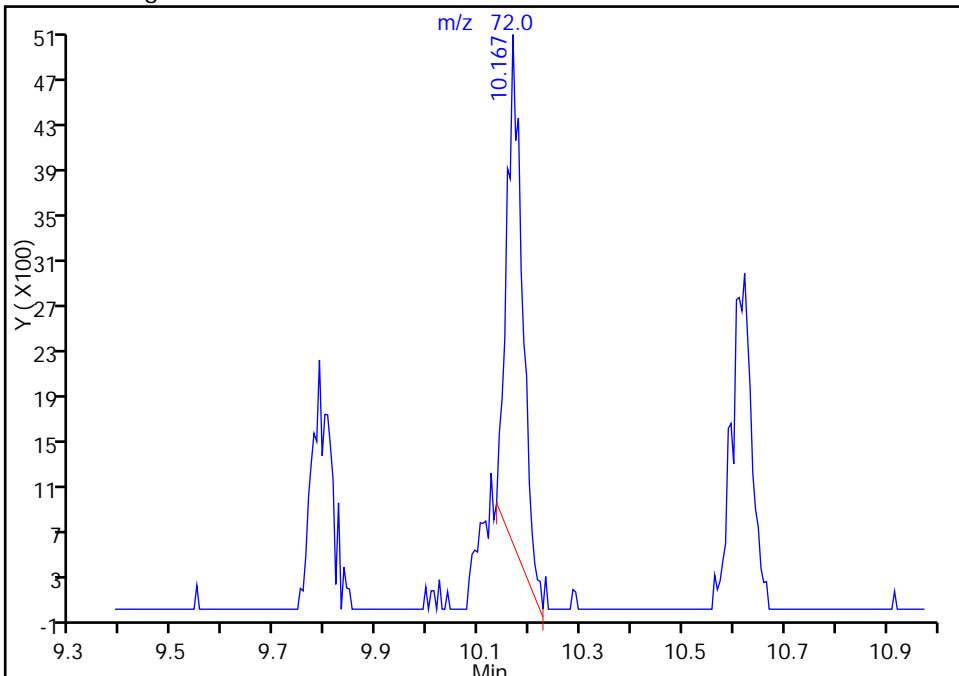
RT: 10.17
Response: 9401
Amount: 0.304700

Processing Integration Results



RT: 10.17
Response: 9604
Amount: 0.311279

Manual Integration Results



Reviewer: desjardinsb, 29-Jan-2014 09:16:15
Audit Action: Assigned New Baseline
Audit Reason: Peak not found by the data system

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 480-53849-1 Analy Batch No.: 67034

SDG No.: _____

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/10/2014 10:43 Calibration End Date: 01/10/2014 19:18 Calibration ID: 25089

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-67034/3	gin03.D
Level 2	IC 200-67034/4	gin04.D
Level 3	IC 200-67034/14	gin14.D
Level 4	IC 200-67034/6	gin06.D
Level 5	ICIS 200-67034/7	gin07.D
Level 6	IC 200-67034/8	gin08.D
Level 7	IC 200-67034/9	gin09.D
Level 8	IC 200-67034/10	gin10.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	++++ 0.2885	++++ 0.2962	0.4143 0.2688	0.2905	0.3217	Ave		0.3133			17.0		30.0				
Dichlorodifluoromethane	++++ 2.2903	++++ 2.3163	2.7961 2.0808	2.2767	2.5218	Ave		2.3803			10.0		30.0				
Freon 22	++++ 0.8713	++++ 0.8843	1.1072 0.7972	0.8758	0.9577	Ave		0.9156			12.0		30.0				
1,2-Dichlorotetrafluoroethane	++++ 2.1334	2.0247 2.1523	2.7117 1.9178	2.1578	2.3503	Ave		2.2069			12.0		30.0				
Chloromethane	++++ 0.4275	++++ 0.4384	0.5706 0.4036	0.4297	0.4713	Ave		0.4568			13.0		30.0				
n-Butane	++++ 0.5954	++++ 0.6054	0.7704 0.5463	0.5939	0.6545	Ave		0.6277			12.0		30.0				
Vinyl chloride	0.4860 0.5543	0.4979 0.5755	0.6587 0.5259	0.5489	0.6113	Ave		0.5573			10.0		30.0				
1,3-Butadiene	++++ 0.3435	0.3174 0.3536	0.4095 0.3217	0.3441	0.3753	Ave		0.3522			9.1		30.0				
Bromomethane	++++ 0.7934	0.7358 0.8224	0.9583 0.7492	0.7827	0.8712	Ave		0.8161			9.5		30.0				
Chloroethane	++++ 0.2233	++++ 0.2331	0.2751 0.2176	0.2192	0.2452	Ave		0.2356			9.3		30.0				
Isopentane	++++ 0.4006	0.4936 0.4129	0.5592 0.3782	0.4023	0.4480	Ave		0.4421			14.0		30.0				
Bromoethene (Vinyl Bromide)	++++ 0.8989	0.8274 0.9350	1.0932 0.8577	0.8848	0.9826	Ave		0.9256			9.7		30.0				
Trichlorofluoromethane	++++ 2.5626	2.4053 2.6118	3.0797 2.3831	2.5551	2.8048	Ave		2.6289			9.2		30.0				
n-Pentane	++++ 0.6787	++++ 0.6945	0.8426 0.6324	0.6829	0.7476	Ave		0.7131			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.: 480-53849-1 Analy Batch No.: 67034

SDG No.: _____

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/10/2014 10:43 Calibration End Date: 01/10/2014 19:18 Calibration ID: 25089

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.1771	++++ 0.1717	0.1472 0.1473	0.1474	0.1718	Ave		0.1604			9.0		30.0				
Ethyl ether	++++ 0.3343	0.2810 0.3409	0.4028 0.3170	0.3279	0.3619	Ave		0.3380			11.0		30.0				
Acrolein	++++ 0.1711	++++ 0.1701	++++ 0.1624	0.1669	0.1947	Ave		0.1730			7.3		30.0				
Freon TF	++++ 1.6187	1.5867 1.6439	2.0240 1.4929	1.6259	1.7712	Ave		1.6805			10.0		30.0				
1,1-Dichloroethene	++++ 0.6667	0.7230 0.6859	0.8906 0.6228	0.6679	0.7365	Ave		0.7133			12.0		30.0				
Acetone	++++ 0.6282	++++ 0.6523	++++ 0.5886	0.6837	0.7004	Ave		0.6507			6.8		30.0				
Carbon disulfide	++++ 1.8982	++++ 1.9475	3.8944 1.8062	1.8767	2.0802	Ave		2.2505			36.0	*	30.0				
Isopropyl alcohol	++++ 0.5127	++++ 0.4912	++++ 0.4419	0.5192	0.5232	Ave		0.4977			6.7		30.0				
3-Chloropropene	++++ 0.4731	0.4692 0.4854	0.5669 0.4535	0.4614	0.5162	Ave		0.4894			8.1		30.0				
Acetonitrile	++++ 0.2703	++++ 0.2736	++++ 0.2557	0.2821	0.2929	Ave		0.2749			5.0		30.0				
Methylene Chloride	++++ 0.5288	++++ 0.5376	0.7149 0.4993	0.5407	0.5849	Ave		0.5677			14.0		30.0				
tert-Butyl alcohol	++++ 0.9420	++++ 0.9117	++++ 0.8231	0.9228	0.9729	Ave		0.9145			6.1		30.0				
Methyl tert-butyl ether	++++ 1.6933	1.6045 1.7341	1.9804 1.5971	1.6664	1.8400	Ave		1.7308			8.0		30.0				
trans-1,2-Dichloroethene	++++ 0.8223	0.8229 0.8389	1.0243 0.7617	0.8437	0.9106	Ave		0.8606			9.8		30.0				
Acrylonitrile	++++ 0.3104	++++ 0.3182	0.3559 0.3006	0.3038	0.3357	Ave		0.3208			6.6		30.0				
n-Hexane	++++ 0.6809	0.6605 0.6924	0.8024 0.6387	0.6792	0.7389	Ave		0.6990			7.9		30.0				
1,1-Dichloroethane	1.0326 1.1113	1.0317 1.1440	1.3420 1.0583	1.0978	1.2296	Ave		1.1309			9.5		30.0				
Vinyl acetate	++++ 1.1549	++++ 1.1926	++++ 1.1093	1.1128	1.2617	Ave		1.1663			5.4		30.0				
cis-1,2-Dichloroethene	++++ 0.9343	0.9404 0.9634	1.1914 0.8866	0.9338	1.0237	Ave		0.9820			10.0		30.0				
Methyl Ethyl Ketone	++++ 0.3181	++++ 0.3276	++++ 0.3014	0.3269	0.3450	Ave		0.3819			37.0	*	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.: 480-53849-1 Analy Batch No.: 67034

SDG No.: _____

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/10/2014 10:43 Calibration End Date: 01/10/2014 19:18 Calibration ID: 25089

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.0534	++++ 0.0554	++++ 0.0514	0.0562	0.0598	Ave		0.0552			5.7		30.0				
Tetrahydrofuran	++++ 0.0968	++++ 0.0990	++++ 0.0920	0.0972	0.1043	Ave		0.0979			4.6		30.0				
Chloroform	++++ 2.1323	2.0885 2.1680	2.5968 1.9873	2.1580	2.3534	Ave		2.2121			9.1		30.0				
Cyclohexane	++++ 0.1862	0.1961 0.1896	0.2444 0.1701	0.1938	0.2064	Ave		0.1981			12.0		30.0				
1,1,1-Trichloroethane	++++ 0.4390	0.4096 0.4483	0.5339 0.4116	0.4430	0.4841	Ave		0.4528			9.6		30.0				
Carbon tetrachloride	0.5306 0.5635	0.4912 0.5797	0.6496 0.5394	0.5536	0.6151	Ave		0.5653			8.8		30.0				
Benzene	++++ 0.4827	0.5174 0.4857	0.6523 0.4308	0.5110	0.5431	Ave		0.5176			13.0		30.0				
2,2,4-Trimethylpentane	++++ 0.6012	0.6090 0.6061	0.7865 0.5322	0.6348	0.6722	Ave		0.6346			12.0		30.0				
1,2-Dichloroethane	++++ 0.2512	0.2396 0.2566	0.3006 0.2404	0.2513	0.2731	Ave		0.2590			8.3		30.0				
n-Heptane	++++ 0.2194	0.2769 0.2220	0.2902 0.1974	0.2254	0.2437	Ave		0.2393			14.0		30.0				
n-Butanol	++++ 0.0934	++++ 0.0887	++++ 0.0819	0.0919	0.0923	Ave		0.0896			5.2		30.0				
Trichloroethene	0.3373 0.3433	0.3399 0.3499	0.4200 0.3153	0.3489	0.3808	Ave		0.3544			9.0		30.0				
1,2-Dichloropropane	++++ 0.2388	0.2164 0.2425	0.2934 0.2192	0.2413	0.2625	Ave		0.2449			11.0		30.0				
Methyl methacrylate	++++ 0.2241	++++ 0.2284	++++ 0.2059	0.2195	0.2448	Ave		0.2273			6.3		30.0				
1,4-Dioxane	++++ 0.1128	++++ 0.1035	++++ 0.0841	0.1219	0.1144	Ave		0.1073			14.0		30.0				
Dibromomethane	++++ 0.4166	0.3611 0.4299	0.4666 0.4002	0.3929	0.4489	Ave		0.4166			8.6		30.0				
Bromodichloromethane	++++ 0.5962	0.5063 0.6128	0.6587 0.5645	0.5765	0.6493	Ave		0.5949			8.8		30.0				
cis-1,3-Dichloropropene	++++ 0.4144	0.3526 0.4255	0.4579 0.3941	0.4026	0.4518	Ave		0.4141			8.7		30.0				
methyl isobutyl ketone	++++ 0.3882	++++ 0.3919	0.4554 0.3524	0.3893	0.4193	Ave		0.3994			8.7		30.0				
Toluene	++++ 0.5539	0.5629 0.5624	0.7955 0.5051	0.5669	0.6236	Ave		0.5958			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.: 480-53849-1 Analy Batch No.: 67034

SDG No.: _____

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/10/2014 10:43 Calibration End Date: 01/10/2014 19:18 Calibration ID: 25089

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
n-Octane	++++ 0.3903	0.4230 0.3907	0.4891 0.3381	0.4120	0.4364	Ave		0.4114			11.0		30.0				
trans-1,3-Dichloropropene	++++ 0.4250	0.3217 0.4388	0.4372 0.4095	0.3972	0.4579	Ave		0.4125			11.0		30.0				
1,1,2-Trichloroethane	++++ 0.2792	0.2654 0.2809	0.3508 0.2497	0.2877	0.3108	Ave		0.2892			11.0		30.0				
Tetrachloroethene	0.6496 0.6074	0.6033 0.6217	0.7048 0.5624	0.5909	0.6607	Ave		0.6251			7.2		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.3600	++++ 0.3637	0.4717 0.3289	0.3630	0.3839	Ave		0.3785			13.0		30.0				
Dibromochloromethane	++++ 0.7616	0.5762 0.7782	0.7641 0.7189	0.7282	0.8252	Ave		0.7361			11.0		30.0				
1,2-Dibromoethane	++++ 0.5940	0.5035 0.6053	0.6584 0.5543	0.5815	0.6436	Ave		0.5915			8.9		30.0				
Chlorobenzene	++++ 0.8256	0.7745 0.8410	0.9920 0.7588	0.8276	0.8958	Ave		0.8450			9.3		30.0				
Ethylbenzene	++++ 1.1654	1.0975 1.1798	1.4348 1.0454	1.1923	1.2786	Ave		1.1991			11.0		30.0				
n-Nonane	++++ 0.4123	0.4551 0.4113	0.5572 0.3488	0.4459	0.4597	Ave		0.4415			14.0		30.0				
m,p-Xylene	++++ 0.4804	0.4592 0.4799	0.6069 0.4101	0.5027	0.5302	Ave		0.4956			12.0		30.0				
Xylene, o-	++++ 0.4956	0.4485 0.4987	0.5924 0.4404	0.5066	0.5419	Ave		0.5034			10.0		30.0				
Styrene	++++ 0.7359	0.5671 0.7543	0.7318 0.6841	0.7152	0.7867	Ave		0.7107			10.0		30.0				
Bromoform	++++ 0.7621	0.5074 0.7834	0.6725 0.7189	0.6986	0.8130	Ave		0.7080			14.0		30.0				
Cumene	++++ 1.3535	1.2731 1.3655	1.6650 1.1858	1.3962	1.4921	Ave		1.3902			11.0		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.6891	0.6453 0.6782	0.8308 0.5732	0.7222	0.7615	Ave		0.7000			12.0		30.0				
1,2,3-Trichloropropane	++++ 0.4443	++++ 0.4318	0.5656 0.3506	0.4892	0.5023	Ave		0.4640			16.0		30.0				
n-Propylbenzene	++++ 1.4082	1.2975 1.3771	1.7735 1.1139	1.5188	1.5746	Ave		1.4377			15.0		30.0				
4-Ethyltoluene	++++ 1.1542	1.0865 1.1142	1.4896 0.9166	1.2940	1.3071	Ave		1.1946			16.0		30.0				
2-Chlorotoluene	++++ 0.9007	1.2731 0.8584	0.9417 0.6968	1.0366	1.0312	Ave		0.9626			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.: 480-53849-1 Analy Batch No.: 67034

SDG No.: _____

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/10/2014 10:43 Calibration End Date: 01/10/2014 19:18 Calibration ID: 25089

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
n-Decane	++++ 0.3985	++++ 0.3676	0.6442 0.2801	0.4969	0.4669	Ave		0.4424			28.0		30.0				
1,3,5-Trimethylbenzene	++++ 1.1471	0.9805 1.1514	1.3480 0.9915	1.1601	1.2543	Ave		1.1475			11.0		30.0				
Alpha Methyl Styrene	++++ 0.6149	0.4088 0.6312	0.5254 0.5672	0.5768	0.6399	Ave		0.5663			14.0		30.0				
tert-Butylbenzene	++++ 1.1409	1.0597 1.1412	1.4376 0.9807	1.1692	1.2580	Ave		1.1696			13.0		30.0				
1,2,4-Trimethylbenzene	++++ 1.1309	0.9485 1.1313	1.2846 0.9759	1.1276	1.2044	Ave		1.1147			11.0		30.0				
sec-Butylbenzene	++++ 1.6159	1.4975 1.5968	1.9969 1.2724	1.6828	1.7873	Ave		1.6357			14.0		30.0				
4-Isopropyltoluene	++++ 1.3563	1.2573 1.3223	1.6414 1.0829	1.4077	1.4938	Ave		1.3659			13.0		30.0				
1,3-Dichlorobenzene	++++ 0.7984	0.5700 0.7949	0.7309 0.7046	0.7489	0.8182	Ave		0.7380			11.0		30.0				
1,4-Dichlorobenzene	++++ 0.7966	0.4738 0.8234	0.6363 0.7674	0.6783	0.7852	Ave		0.7087			17.0		30.0				
Benzyl chloride	++++ 0.7923	0.4179 0.8226	0.5216 0.7983	0.6656	0.7829	Ave		0.6859			23.0		30.0				
n-Butylbenzene	++++ 1.1239	0.8807 1.1051	1.1863 0.9305	1.0961	1.1798	Ave		1.0718			11.0		30.0				
n-Undecane	++++ 0.5294	++++ 0.5089	++++ 0.4112	0.5567	0.5574	Ave		0.5127			12.0		30.0				
1,2-Dichlorobenzene	++++ 0.8233	0.5658 0.8402	0.7711 0.7767	0.7353	0.8305	Ave		0.7633			12.0		30.0				
n-Dodecane	++++ 0.1156	++++ 0.1192	++++ 0.0872	0.1302	0.0667	Ave		0.1038			25.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.4608	++++ 0.4508	0.2709 0.4687	0.2839	0.3981	Ave		0.3889			23.0		30.0				
Hexachlorobutadiene	++++ 0.4750	0.3463 0.4532	0.3677 0.3794	0.4651	0.4292	Ave		0.4166			12.0		30.0				
Naphthalene	++++ 1.0110	++++ 0.8559	0.6497 0.9687	0.5011	0.8605	Ave		0.8078			24.0		30.0				
1,2,3-Trichlorobenzene	++++ 0.4457	0.1307 0.4176	0.2012 0.3841	0.2802	0.3720	Ave		0.3188			37.0	*	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.: 480-53849-1 Analy Batch No.: 67034

SDG No.: _____

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/10/2014 10:43 Calibration End Date: 01/10/2014 19:18 Calibration ID: 25089

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-67034/3	gin03.D
Level 2	IC 200-67034/4	gin04.D
Level 3	IC 200-67034/14	gin14.D
Level 4	IC 200-67034/6	gin06.D
Level 5	ICIS 200-67034/7	gin07.D
Level 6	IC 200-67034/8	gin08.D
Level 7	IC 200-67034/9	gin09.D
Level 8	IC 200-67034/10	gin10.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 276593	++++ 384158	13940 731182	90483	199450	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 2195626	++++ 3004093	94090 5661190	709145	1563366	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 835264	++++ 1146846	37258 2168833	272796	593690	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 2045228	24709 2791360	91251 5217607	672102	1457006	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 409808	++++ 568541	19200 1097989	133832	292192	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 570773	++++ 785133	25926 1486253	184991	405770	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1178 531347	6076 746391	22167 1430682	170972	378934	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 329343	3873 458552	13781 875213	107191	232631	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 760595	8980 1066622	32248 2038229	243793	540061	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 214067	++++ 302253	9257 591905	68292	152009	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 384052	6024 535529	18819 1028988	125323	277725	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 861767	10097 1212587	36787 2333529	275591	609121	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 2456618	29354 3387353	103632 6483575	795866	1738755	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 650652	++++ 900784	28355 1720637	212701	463437	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 226912	++++ 445484	49593 1001906	91896	159781	++++ 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.: 480-53849-1 Analy Batch No.: 67034

SDG No.: _____

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/10/2014 10:43 Calibration End Date: 01/10/2014 19:18 Calibration ID: 25089

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	++++ 320460	3429 442149	13556 862384	102132	224323	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 164032	++++ 220589	++++ 441870	51989	120690	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	++++ 1551778	19364 2132077	68107 4061651	506429	1098048	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	++++ 639179	8823 889550	29970 1694479	208027	456572	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 602243	++++ 846008	++++ 1601346	212960	434225	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 1819718	++++ 2525720	++++ 4914071	584559	1289605	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 491546	++++ 637034	++++ 1202240	161732	324348	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	++++ 453535	++++ 629536	++++ 1233877	143713	319981	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 259094	++++ 354903	++++ 695544	87871	181553	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 506940	++++ 697259	++++ 1358492	168419	362626	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 903077	++++ 1182442	++++ 2239436	287449	603128	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 1623286	++++ 2248974	++++ 4345213	519041	1140675	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 788304	++++ 10042 1088055	++++ 34467 2072213	262785	564517	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 297532	++++ 412664	++++ 817695	94628	208134	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 652763	++++ 8061 897965	++++ 27002 1737554	211572	458058	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	++++ 1065386	++++ 2503 1483722	++++ 45160 2879176	341944	762265	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 1107143	++++ 1546741	++++ 3018085	346620	782152	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	++++ 895702	++++ 11476 1249506	++++ 40092 2412257	290863	634641	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 304964	++++ 424870	++++ 22628 819907	101811	213906	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 51154	++++ 71796	++++ 139840	17497	37058	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	++++ 539773	++++ 745399	++++ 1434369	174968	377188	++++ 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.: 480-53849-1 Analy Batch No.: 67034

SDG No.: _____

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/10/2014 10:43 Calibration End Date: 01/10/2014 19:18 Calibration ID: 25089

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	++++ 2044157	25488 2811755	87385 5406635	672183	1458975	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 1037846	14030 1428309	47556 2653433	348926	745959	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 2447358	29299 3376902	103905 6419215	797732	1749976	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	7576 3141579	35131 4366063	126415 8413316	996807	2223424	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 2690869	37006 3658371	126945 6720087	920091	1963159	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 3351300	43561 4565295	153055 8301398	1142995	2429785	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 1400253	17141 1933052	58494 3748859	452447	987222	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	++++ 1222880	19808 1671974	56474 3078728	405868	880936	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 520569	++++ 667760	++++ 1277915	165473	333649	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	4816 1913766	24312 2635168	81730 4918277	628227	1376349	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 1331185	15475 1826239	57097 3419292	434550	948820	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 1249049	++++ 1720467	46969 3211065	395193	884796	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 628730	++++ 779215	++++ 1311116	219405	413638	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 2322572	25831 3237819	90802 6242157	707403	1622770	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 3323723	36214 4615338	128195 8804620	1038095	2347141	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 2309932	25217 3204900	89102 6146669	724869	1633251	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 2164178	++++ 2951959	88633 5495789	700949	1515701	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 3174635	38834 4383637	151026 8158944	1021499	2300682	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 2175883	30259 2942449	95183 5274126	741814	1577489	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 2369110	23011 3304905	85078 6387618	715280	1655222	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 1599823	18309 2189251	66596 4032646	518439	1146737	++++ 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.: 480-53849-1 Analy Batch No.: 67034

SDG No.: _____

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/10/2014 10:43 Calibration End Date: 01/10/2014 19:18 Calibration ID: 25089

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	9025 3480810	41625 4845556	133799 9085196	1064778	2437560	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 2063268	++++ 2834374	89555 5312564	654182	1416408	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 4364560	39756 6065209	145069 11611698	1312240	3044271	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 3404354	34738 4717665	124997 8953032	1047919	2374268	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 4731538	53437 6554681	188331 12257561	1491244	3304577	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 6678789	75719 9195352	272405 16886114	2148452	4717159	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 2363093	31400 3205379	105786 5634534	803422	1695825	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 5505904	63361 7481282	230451 13248131	1811853	3911856	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 2840344	30940 3886957	112463 7113497	912955	1999324	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 4217167	39123 5878964	138938 11051013	1288859	2902089	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 4367382	35005 6105610	127675 11612782	1258953	2999420	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 7757084	87833 10642401	316107 19154763	2516012	5504620	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 3949491	44518 5286095	157734 9258950	1301358	2809160	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 2546125	++++ 3365101	107379 5662757	881505	1853130	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 8070167	89520 10732695	336703 17993116	2736787	5809079	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 6614825	74958 8683909	282794 14806306	2331766	4822081	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 5162130	64968 6690518	241691 11254953	1867858	3804278	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 2284059	++++ 2864827	122310 4523883	895453	1722321	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 6573985	67647 8973657	255910 16016282	2090465	4627158	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 3524156	28205 4919433	99748 9162142	1039472	2360814	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 6538755	73113 8894084	272933 15842054	2106904	4640857	++++ 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.: 480-53849-1 Analy Batch No.: 67034

SDG No.: _____

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/10/2014 10:43 Calibration End Date: 01/10/2014 19:18 Calibration ID: 25089

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	++++ 6481167	65442 8817387	243873 15763545	2031849	4443419	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 9260627	103319 12445643	379108 20553963	3032416	6593650	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 7772760	86741 10305727	311628 17491562	2536628	5510905	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 4575583	39324 6195636	138767 11381467	1349474	3018551	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 4565053	32691 6417168	120803 12395920	1222246	2896626	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 4540550	28834 6411251	99017 12894260	1199344	2888188	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 6440791	60759 8612728	225226 15029987	1975167	4352489	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 3034152	++++ 3966001	++++ 6641714	1003121	2056510	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 4718275	39036 6548101	146393 12546751	1324928	3063971	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 662639	++++ 928795	++++ 1408088	234630	245972	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 2640617	++++ 3513744	51422 7570710	511667	1468506	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	++++ 2722098	23895 3531843	69812 6128629	838107	1583217	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 5793770	++++ 6670983	123339 15647740	903015	3174412	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 2554057	++++ 9017 3254732	38191 6203832	504951	1372456	++++ 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\20140110-5680.b\gin03.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 10-Jan-2014 10:43:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005633-003
 Misc. Info.: IC =IC
 Operator ID: pad Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 14-Jan-2014 08:23:51 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK019

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		3.063					
2 Dichlorodifluoromethane	85		3.133					
6 Chlorodifluoromethane	51		3.186					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.411					
8 Chloromethane	50		3.550					
9 Butane	43		3.764					
10 Vinyl chloride	62	3.807	3.807	0.0	22	1178	0.0350	M
11 Butadiene	54		3.892					
12 Bromomethane	94		4.593					
13 Chloroethane	64		4.844					
14 2-Methylbutane	43		4.935					
15 Vinyl bromide	106		5.251					
16 Trichlorofluoromethane	101		5.369					
17 Pentane	43		5.524					
19 Ethanol	45		5.947					
21 Ethyl ether	59		6.064					
22 Acrolein	56		6.428					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.492					
24 1,1-Dichloroethene	96		6.524					
25 Acetone	43		6.749					
26 Carbon disulfide	76		6.909					
27 Isopropyl alcohol	45		7.065					
29 3-Chloro-1-propene	41		7.332					
30 Acetonitrile	41		7.434					
31 Methylene Chloride	49		7.626					
32 2-Methyl-2-propanol	59		7.867					
33 Methyl tert-butyl ether	73		8.065					
34 trans-1,2-Dichloroethene	61		8.092					
35 Acrylonitrile	53		8.220					
36 Hexane	57		8.514					
37 1,1-Dichloroethane	63	8.974	8.980	-0.006	25	2503	0.0366	

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	38			43	9.076		
	39			96	10.125		
	40			72	10.178		
S	41			61	10.200		
	42			88	10.237		
*	43			128	10.595	10.595 0.0	68 604658 10.0
	44			42	10.611		
	45			83	10.740		
	46			84	11.023		
	47			97	11.039		
	48			117	11.318	11.302 0.016	86 7576 0.0376 M
	50			78	11.778		
	51			57	11.794		
	52			62	11.954		
	53			43	12.200		
*	54			114	12.660	12.666 -0.006	91 3561785 10.0
	55			56	13.062		
	56			95	13.152	13.153 -0.001	63 4816 0.0382 M
A	57			1	13.316	4.925 - 21.706	0 1583156 0
	58			63	13.725		
	59			69	13.923		
	60			88	13.960		
	61			174	13.982		
	62			83	14.292		
A	63			1	3.053	27.040	
	64			75	15.271		
	65			43	15.576		
A	67			1	15.892	15.852 -15.932	0 31706 NC
	66			92	15.892		
A	69			1	15.993	15.943 -16.043	0 28458 NC
	68			43	15.993		
	70			75	16.480		
	71			83	16.855		
	72			166	16.994	16.999 -0.005	81 9025 0.0417 M
	73			43	17.325		
	74			129	17.630		
	75			107	17.903		
*	76			117	18.823	18.829 -0.006	81 3465473 10.0
	77			112	18.887		
	78			91	19.053		
	79			57	19.214		
	81			106	19.305		
S	82			106	20.100		
	83			106	20.134		
	84			104	20.182		
	85			173	20.567		
	86			105	20.797		
\$	87			95	21.145	21.140 0.005	97 1726573 NC
	88			83	21.396		
	89			75	21.493		
	90			91	21.498		
	92			91	21.685		

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
91	4-Ethyltoluene		105		21.685		
93	n-Decane		57		21.696		
94	1,3,5-Trimethylbenzene		105		21.787		
95	Alpha Methyl Styrene		118		22.140		
96	tert-Butylbenzene		119		22.268		
97	1,2,4-Trimethylbenzene		105		22.359		
98	sec-Butylbenzene		105		22.589		
99	4-Isopropyltoluene		119		22.787		
100	1,3-Dichlorobenzene		146		22.803		
101	1,4-Dichlorobenzene		146		22.937		
102	Benzyl chloride		91		23.135		
103	n-Butylbenzene		91		23.365		
104	Undecane		57		23.408		
105	1,2-Dichlorobenzene		146		23.477		
106	Dodecane		57		25.034		
107	1,2,4-Trichlorobenzene		180		26.051		
108	Hexachlorobutadiene		225		26.259		
109	Naphthalene		128		26.543		
110	1,2,3-Trichlorobenzene		180		27.030		

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin03.D

Injection Date: 10-Jan-2014 10:43:30

Instrument ID: CHG.i

Operator ID: pad

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

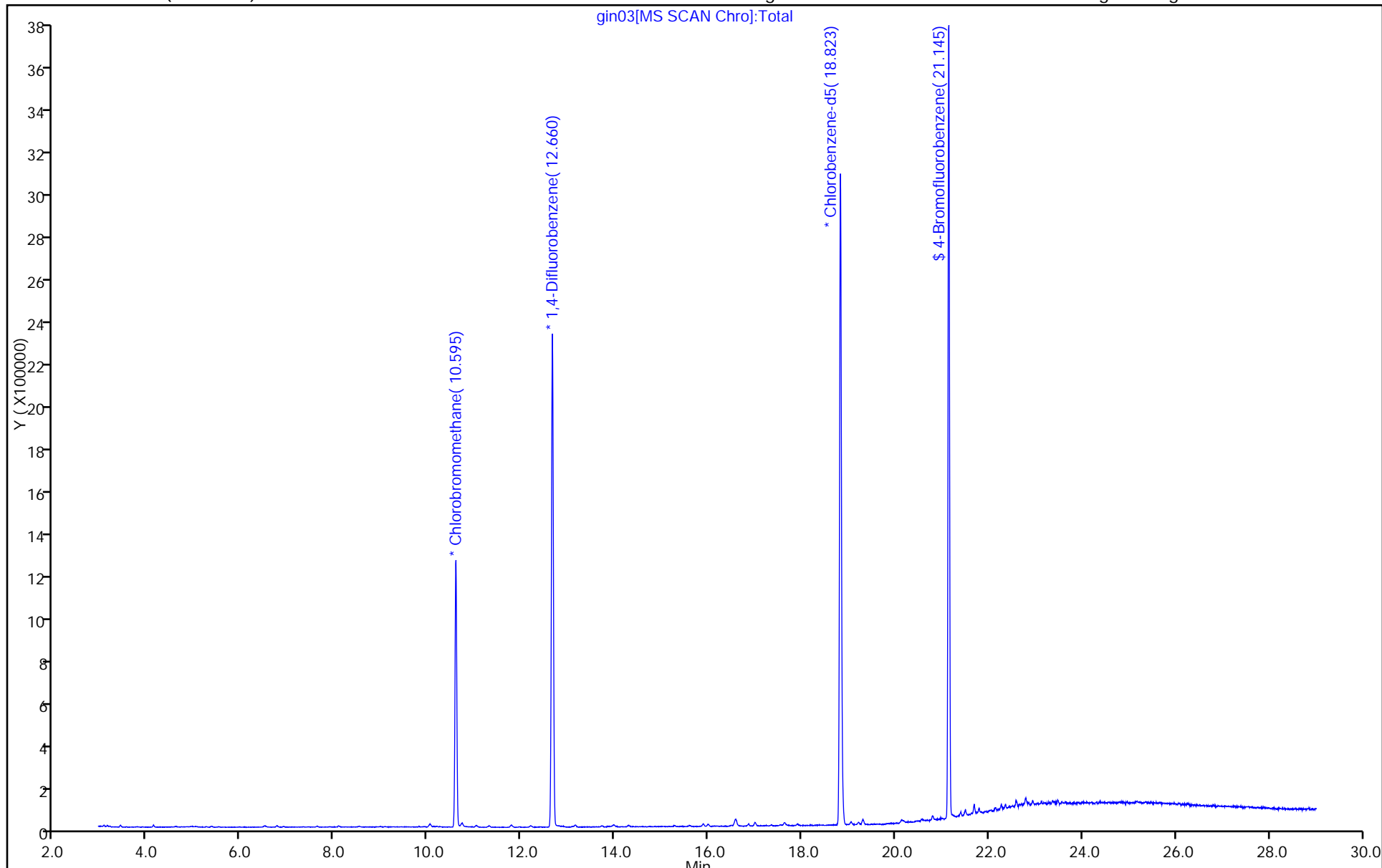
ALS Bottle#: 2

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



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin03.D
Injection Date: 10-Jan-2014 10:43:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

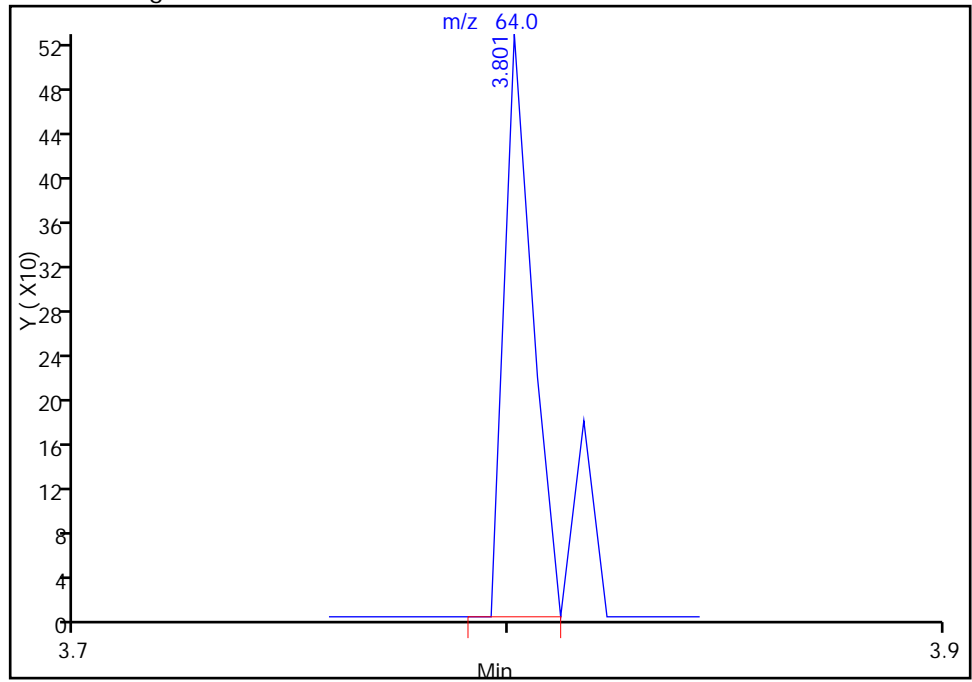
10 Vinyl chloride, CAS: 75-01-4

Processing Integration Results

RT: 3.81
Response: 0
Amount: 0.034958

RT: 3.80
Response: 237
Amount: 0.034958

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:53:12
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

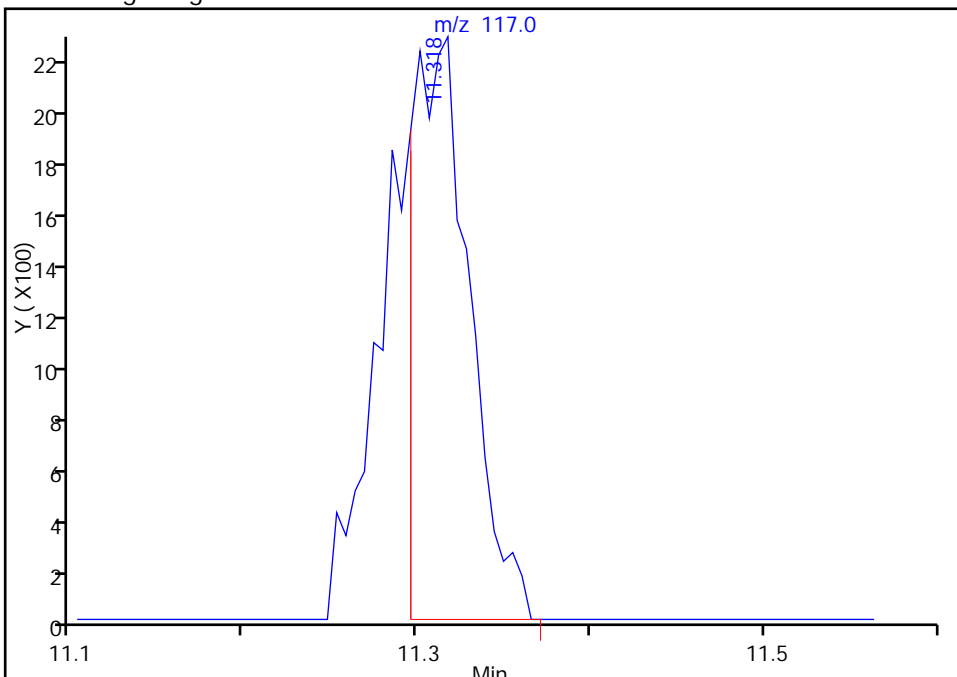
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin03.D
Injection Date: 10-Jan-2014 10:43:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5

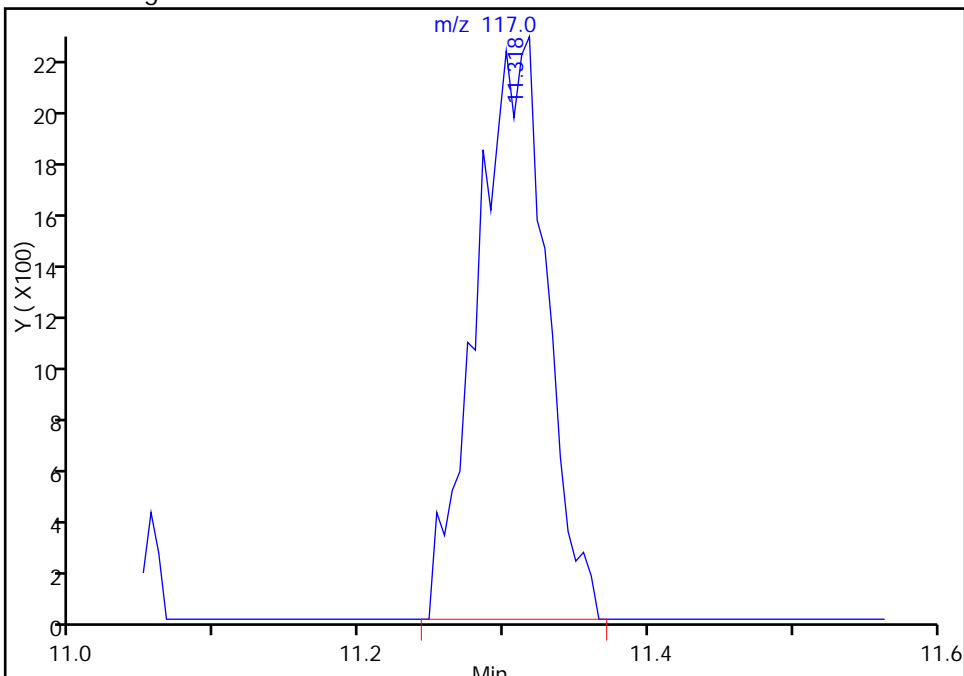
RT: 11.32
Response: 5215
Amount: 0.026882

Processing Integration Results



RT: 11.32
Response: 7576
Amount: 0.037624

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:53:12
Audit Action: Manually Integrated
Audit Reason: Baseline Event

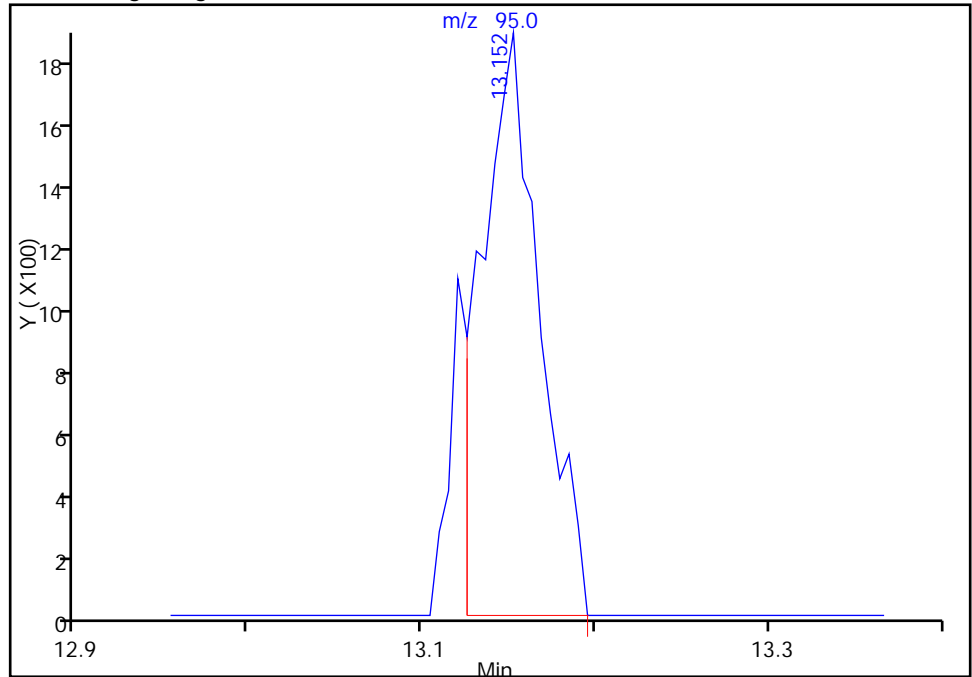
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin03.D
Injection Date: 10-Jan-2014 10:43:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

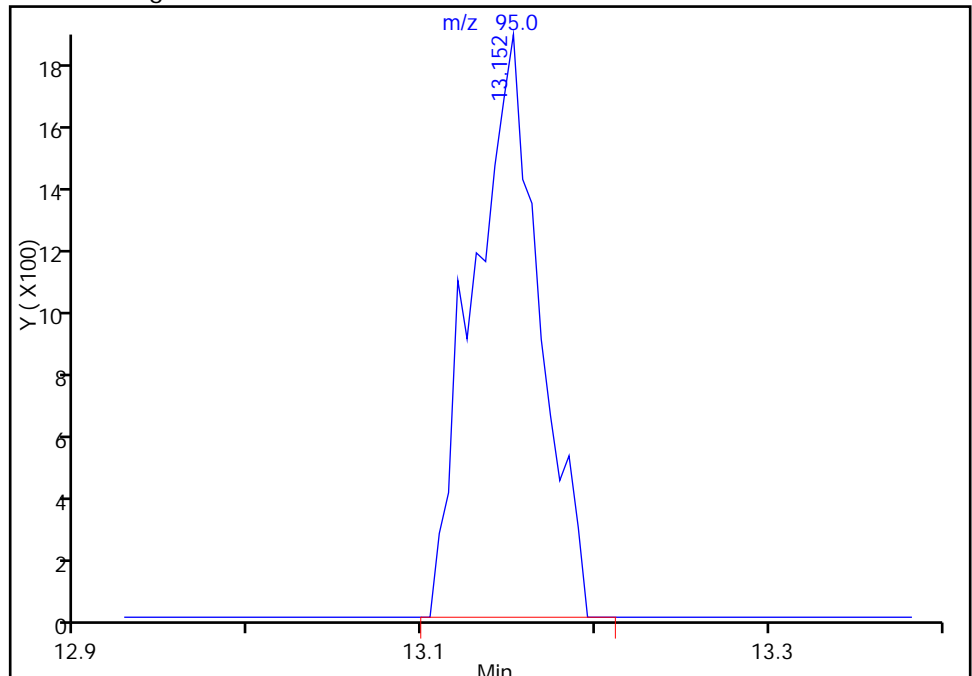
RT: 13.15
Response: 4271
Amount: 0.034295

Processing Integration Results



RT: 13.15
Response: 4816
Amount: 0.038151

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:53:12
Audit Action: Manually Integrated
Audit Reason: Baseline Event

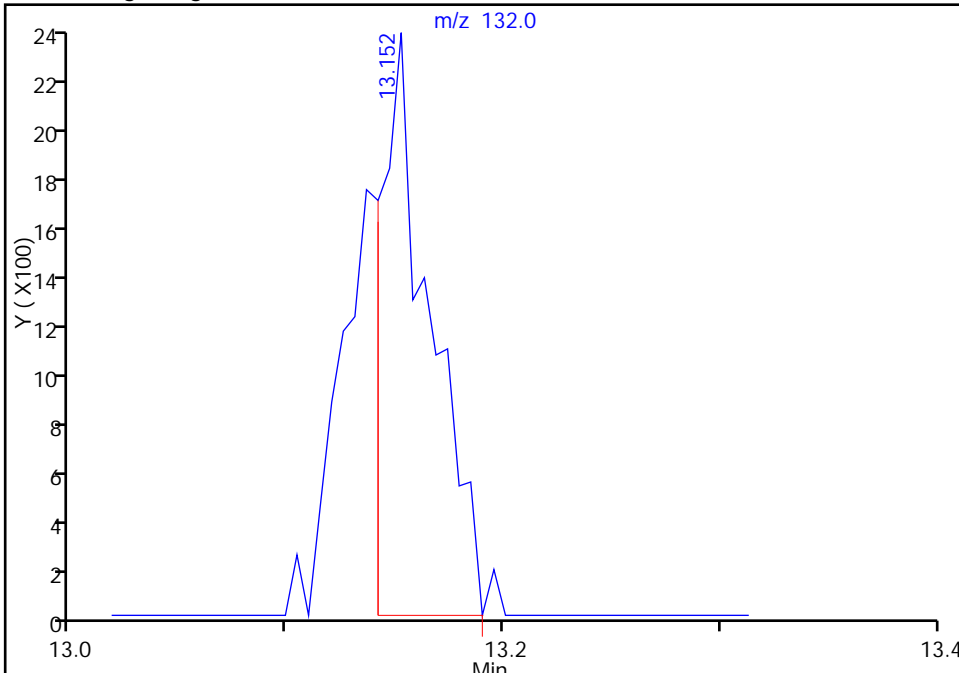
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin03.D
Injection Date: 10-Jan-2014 10:43:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

56 Trichloroethene, CAS: 79-01-6

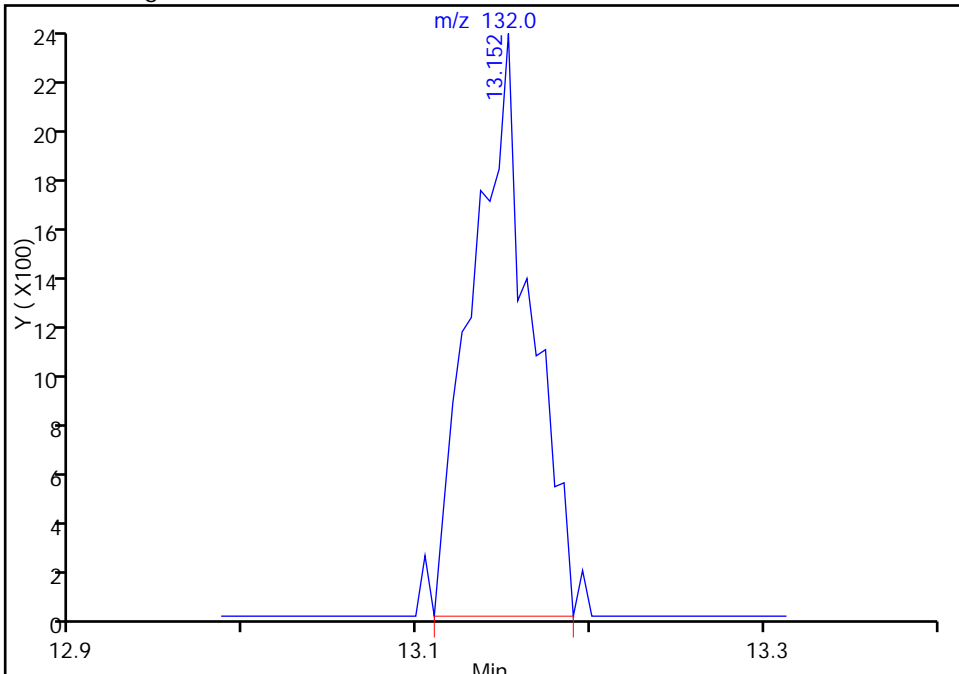
RT: 13.15
Response: 3767
Amount: 0.034295

Processing Integration Results



RT: 13.15
Response: 5502
Amount: 0.038151

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:53:12
Audit Action: Manually Integrated
Audit Reason: Baseline Event

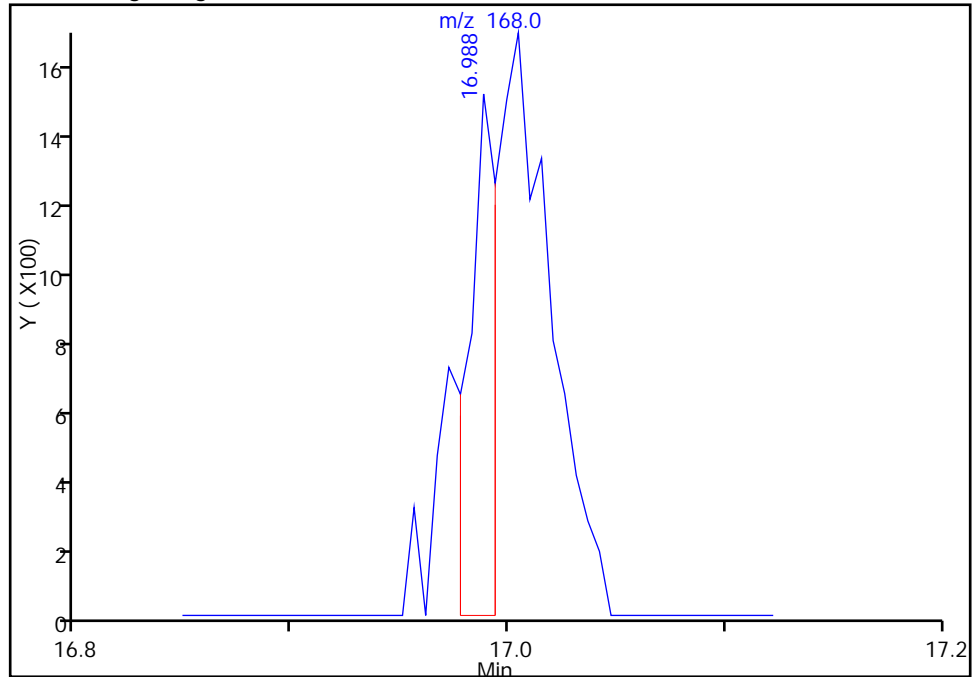
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin03.D
Injection Date: 10-Jan-2014 10:43:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 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

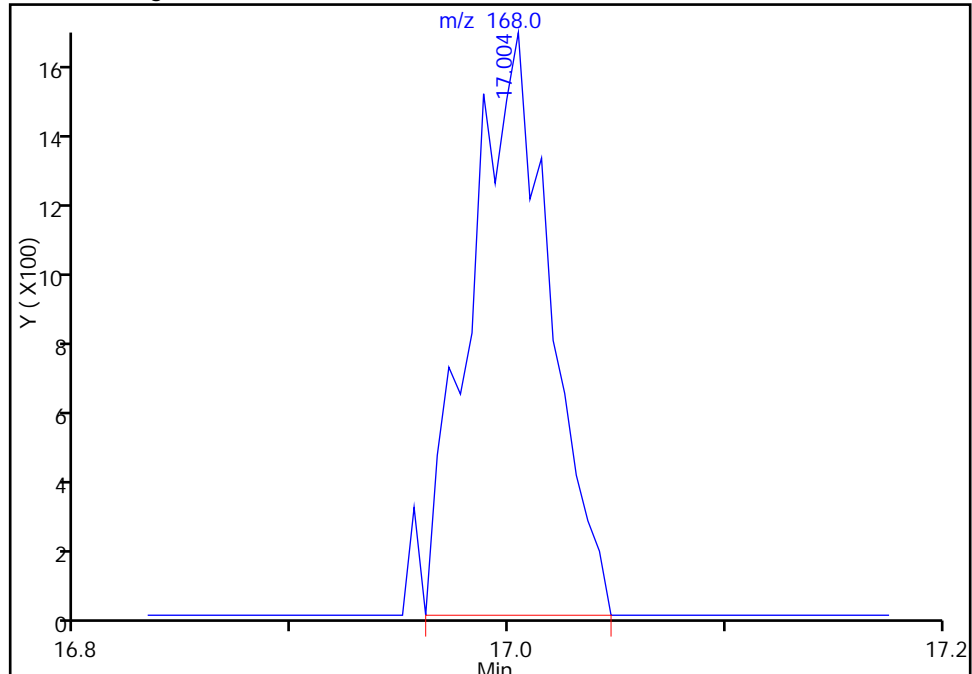
RT: 16.99
Response: 1322
Amount: 0.041661

Processing Integration Results



RT: 17.00
Response: 4203
Amount: 0.041661

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:53:12
Audit Action: Manually Integrated
Audit Reason: Baseline Event

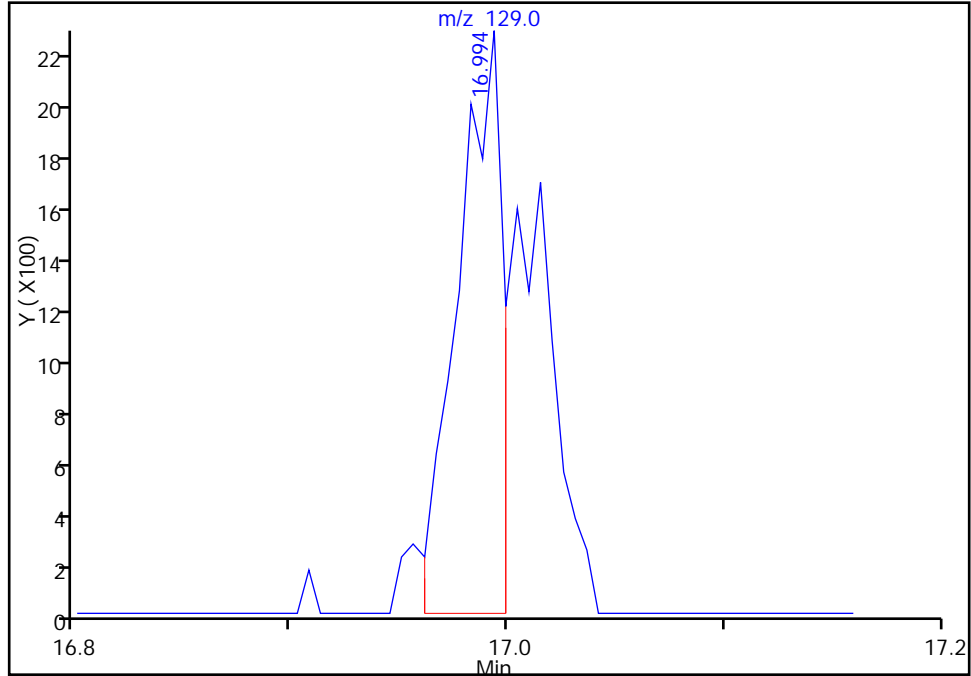
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin03.D
Injection Date: 10-Jan-2014 10:43:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 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

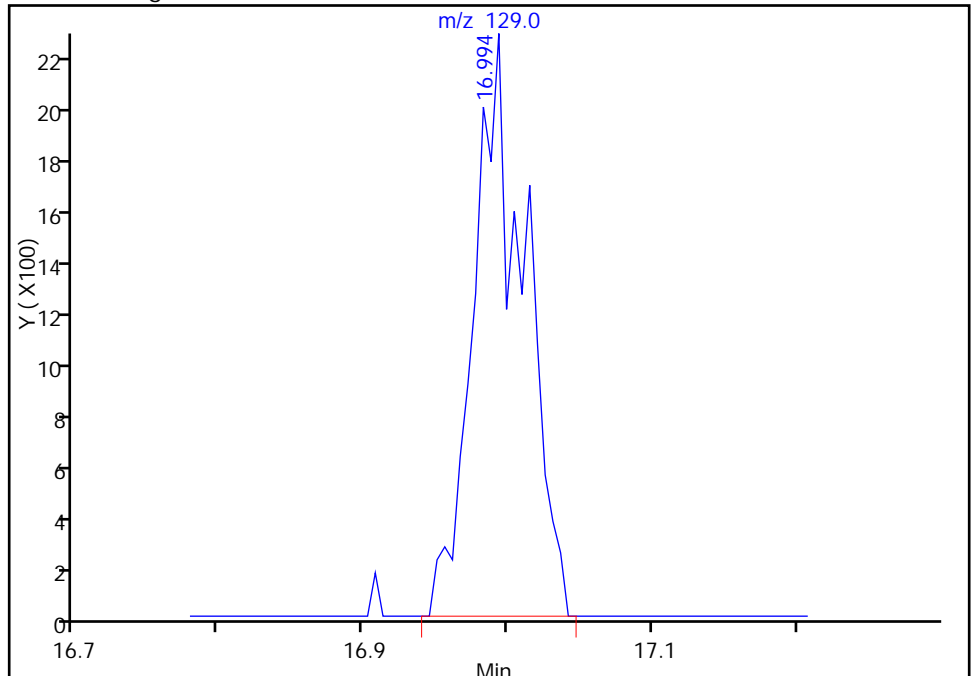
RT: 16.99
Response: 3231
Amount: 0.041661

Processing Integration Results



RT: 16.99
Response: 5515
Amount: 0.041661

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:53:12
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin04.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 10-Jan-2014 11:30:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005633-004
 Misc. Info.: IC
 Operator ID: pad Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 14-Jan-2014 08:23:53 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK019

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.063	3.063	0.0	86	7016	0.3678	
2 Dichlorodifluoromethane	85	3.138	3.133	0.005	97	25744	0.1776	
6 Chlorodifluoromethane	51	3.186	3.186	0.0	88	10914	0.1958	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.416	3.411	0.005	87	24709	0.1839	
8 Chloromethane	50	3.550	3.550	0.0	93	8231	0.2959	
9 Butane	43	3.764	3.764	0.0	92	8892	0.2327	
10 Vinyl chloride	62	3.807	3.807	0.0	80	6076	0.1791	
11 Butadiene	54	3.887	3.892	-0.005	85	3873	0.1806	
12 Bromomethane	94	4.588	4.593	-0.005	92	8980	0.1807	
13 Chloroethane	64	4.850	4.844	0.006	56	2952	0.2058	
14 2-Methylbutane	43	4.941	4.935	0.006	70	6024	0.2238	
15 Vinyl bromide	106	5.251	5.251	0.0	84	10097	0.1792	
16 Trichlorofluoromethane	101	5.374	5.369	0.005	90	29354	0.1834	
17 Pentane	43	5.529	5.524	0.005	89	9428	0.2171	
19 Ethanol	45	5.957	5.947	0.011	92	6464	0.6618	
21 Ethyl ether	59	6.086	6.064	0.022	78	3429	0.1666	
22 Acrolein	56	6.439	6.428	0.011	62	4333	0.4113	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.498	6.492	0.006	90	19364	0.1893	
24 1,1-Dichloroethene	96	6.524	6.524	0.0	81	8823	0.2031	
25 Acetone	43	6.754	6.749	0.005	85	55022	1.39	
26 Carbon disulfide	76	6.909	6.909	0.0	97	21508	0.1570	
27 Isopropyl alcohol	45	7.075	7.065	0.010	76	6941	0.2291	
29 3-Chloro-1-propene	41	7.332	7.332	0.0	72	5726	0.1922	M
30 Acetonitrile	41	7.434	7.434	0.0	85	5147	0.3075	
31 Methylene Chloride	49	7.626	7.626	0.0	71	8558	0.2476	
32 2-Methyl-2-propanol	59	7.888	7.867	0.021	76	9112	0.1636	M
33 Methyl tert-butyl ether	73	8.092	8.065	0.027	87	19581	0.1858	
34 trans-1,2-Dichloroethene	61	8.092	8.092	0.0	74	10042	0.1916	
35 Acrylonitrile	53	8.225	8.220	0.005	74	3506	0.1795	
36 Hexane	57	8.514	8.514	0.0	87	8061	0.1894	
37 1,1-Dichloroethane	63	8.980	8.980	0.0	66	12590	0.1828	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	38			9.076	9.076	0.0	97	11802	0.1662	
	39			10.125	10.125	0.0	73	11476	0.1919	M
	40			10.178	10.178	0.0	96	8204	0.3528	
S	41						0		0.3836	
	42			10.258	10.237	0.021	93	503	0.1496	
*	43			10.595	10.595	0.0	69	608849	10.0	
	44			10.627	10.611	0.016	94	6858	0.1964	
	45			10.734	10.740	-0.006	88	25488	0.1892	M
	46			11.018	11.023	-0.005	73	14030	0.1985	M
	47			11.034	11.039	-0.005	90	29299	0.1813	
	48			11.302	11.302	0.0	96	35131	0.1741	
	50			11.778	11.778	0.0	92	37006	0.2004	
	51			11.794	11.794	0.0	96	43561	0.1924	
	52			11.954	11.954	0.0	91	17141	0.1855	
	53			12.200	12.200	0.0	81	19808	0.2320	
*	54			12.660	12.666	-0.006	91	3568523	10.0	
	55			13.078	13.062	0.016	80	9203	0.2877	
	56			13.147	13.153	-0.006	86	24312	0.1922	
A	57			13.316	4.925 - 21.706		0	6907265	0	
	58			13.720	13.725	-0.005	86	15475	0.1771	M
	59			13.918	13.923	-0.005	67	13249	0.1633	
	60			13.987	13.960	0.027	21	8657	0.2261	
	61			13.971	13.982	-0.011	92	25831	0.1738	
	62			14.287	14.292	-0.005	95	36214	0.1706	
A	63			15.046	3.053 - 27.040		0	8618102	40.5	
	64			15.276	15.271	0.005	76	25217	0.1706	
	65			15.587	15.576	0.011	86	24399	0.1712	
A	67			15.892	15.852 - 15.932		0	148758	NC	
	66			15.892	15.892	0.0	91	38834	0.1894	
A	69			15.993	15.943 - 16.043		0	120270	NC	
	68			15.993	15.993	0.0	83	30259	0.2061	
	70			16.480	16.480	0.0	86	23011	0.1563	
	71			16.860	16.855	0.005	93	18309	0.1839	
	72			16.999	16.999	0.0	96	41625	0.1935	
	73			17.336	17.325	0.011	88	24083	0.1848	
	74			17.625	17.630	-0.005	94	39756	0.1569	
	75			17.903	17.903	0.0	96	34738	0.1706	
*	76			18.823	18.829	-0.006	81	3442059	10.0	
	77			18.887	18.887	0.0	46	53437	0.1837	
	78			19.053	19.053	0.0	95	75719	0.1835	
	79			19.208	19.214	-0.006	85	31400	0.2066	
	81			19.305	19.305	0.0	98	63361	0.3714	
S	82						0		0.5499	
	83			20.134	20.134	0.0	89	30940	0.1785	
	84			20.177	20.182	-0.005	79	39123	0.1599	
	85			20.567	20.567	0.0	97	35005	0.1436	
	86			20.797	20.797	0.0	93	87833	0.1836	
\$	87			21.140	21.140	0.0	98	1841069	NC	
	88			21.402	21.396	0.006	94	44518	0.1848	
	89			21.498	21.493	0.005	63	30337	0.1900	
	90			21.498	21.498	0.0	99	89520	0.1809	
	92			21.685	21.685	0.0	89	64968	0.1961	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.680	21.685	-0.005	90	74958	0.1823
93	n-Decane		57	21.691	21.696	-0.005	83	35251	0.2315
94	1,3,5-Trimethylbenzene		105	21.787	21.787	0.0	93	67647	0.1713
95	Alpha Methyl Styrene		118	22.140	22.140	0.0	88	28205	0.1447
96	tert-Butylbenzene		119	22.263	22.268	-0.005	90	73113	0.1816
97	1,2,4-Trimethylbenzene		105	22.354	22.359	-0.005	95	65442	0.1706
98	sec-Butylbenzene		105	22.584	22.589	-0.005	98	103319	0.1835
99	4-Isopropyltoluene		119	22.782	22.787	-0.005	92	86741	0.1845
100	1,3-Dichlorobenzene		146	22.803	22.803	0.0	95	39324	0.1548
101	1,4-Dichlorobenzene		146	22.942	22.937	0.005	94	32691	0.1340
102	Benzyl chloride		91	23.135	23.135	0.0	96	28834	0.1221
103	n-Butylbenzene		91	23.365	23.365	0.0	90	60759	0.1647
104	Undecane		57	23.408	23.408	0.0	89	31729	0.1798
105	1,2-Dichlorobenzene		146	23.477	23.477	0.0	94	39036	0.1486
106	Dodecane		57	25.040	25.034	0.006	69	4253	0.1191
107	1,2,4-Trichlorobenzene		180	26.051	26.051	0.0	70	10491	0.0784
108	Hexachlorobutadiene		225	26.254	26.259	-0.005	85	23895	0.1667
109	Naphthalene		128	26.548	26.543	0.005	93	23612	0.0849
110	1,2,3-Trichlorobenzene		180	27.030	27.030	0.0	48	9017	0.0822

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin04.D

Injection Date: 10-Jan-2014 11:30:30

Instrument ID: CHG.i

Operator ID: pad

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

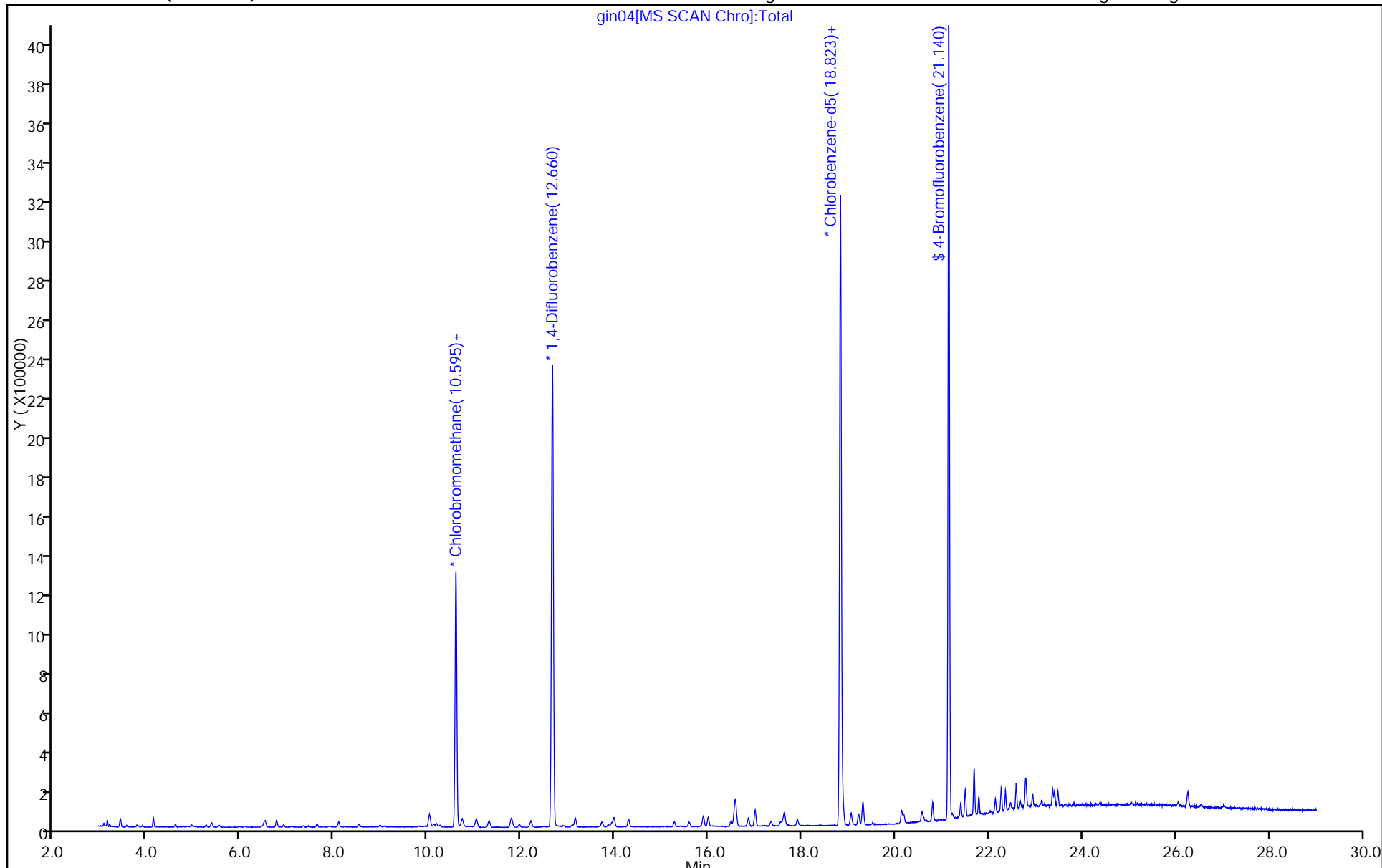
ALS Bottle#: 3

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



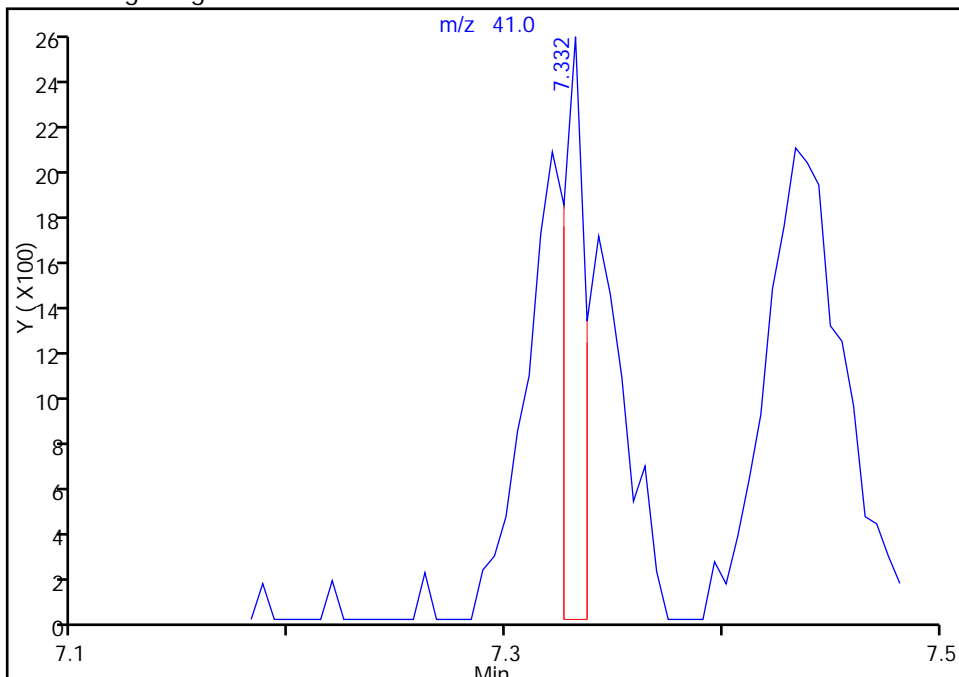
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin04.D
Injection Date: 10-Jan-2014 11:30:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

29 3-Chloro-1-propene, CAS: 107-05-1

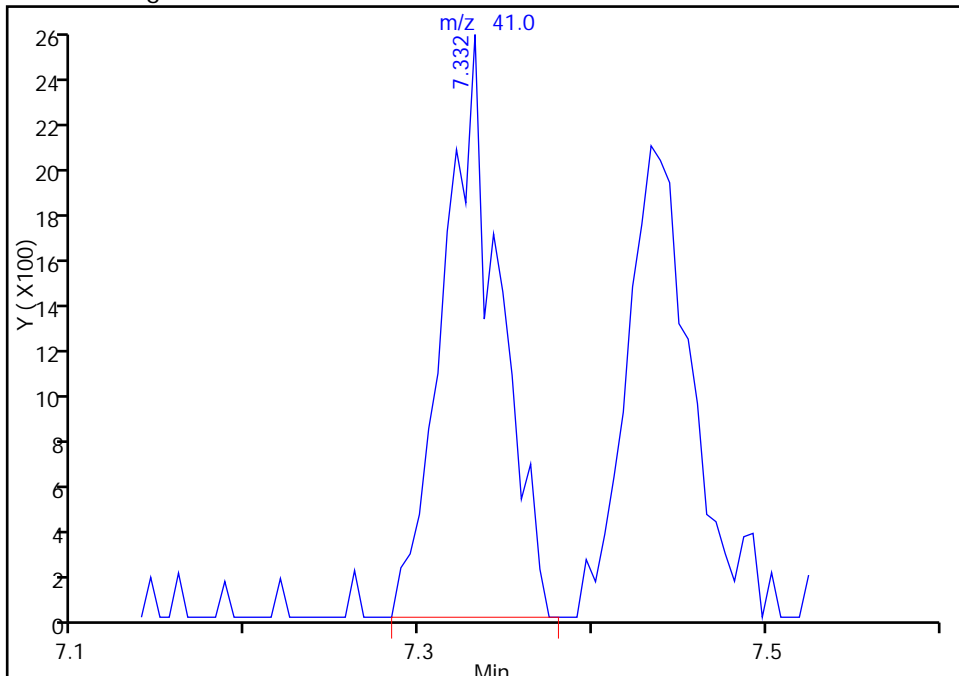
RT: 7.33
Response: 1824
Amount: 0.071847

Processing Integration Results



RT: 7.33
Response: 5726
Amount: 0.192172

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:51:10
Audit Action: Manually Integrated
Audit Reason: Baseline Event

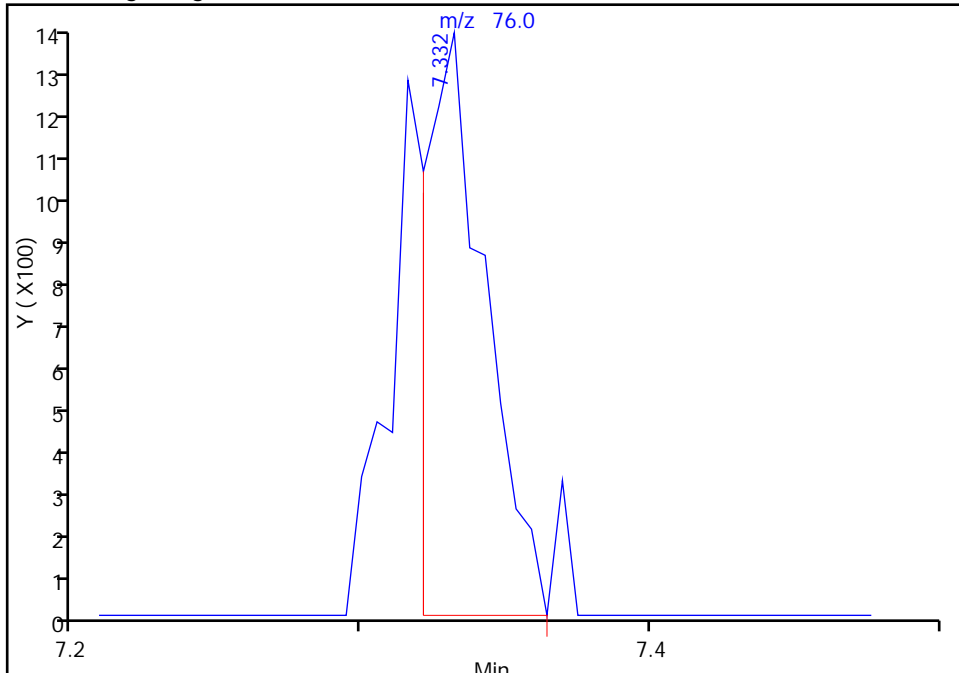
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin04.D
Injection Date: 10-Jan-2014 11:30:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

29 3-Chloro-1-propene, CAS: 107-05-1

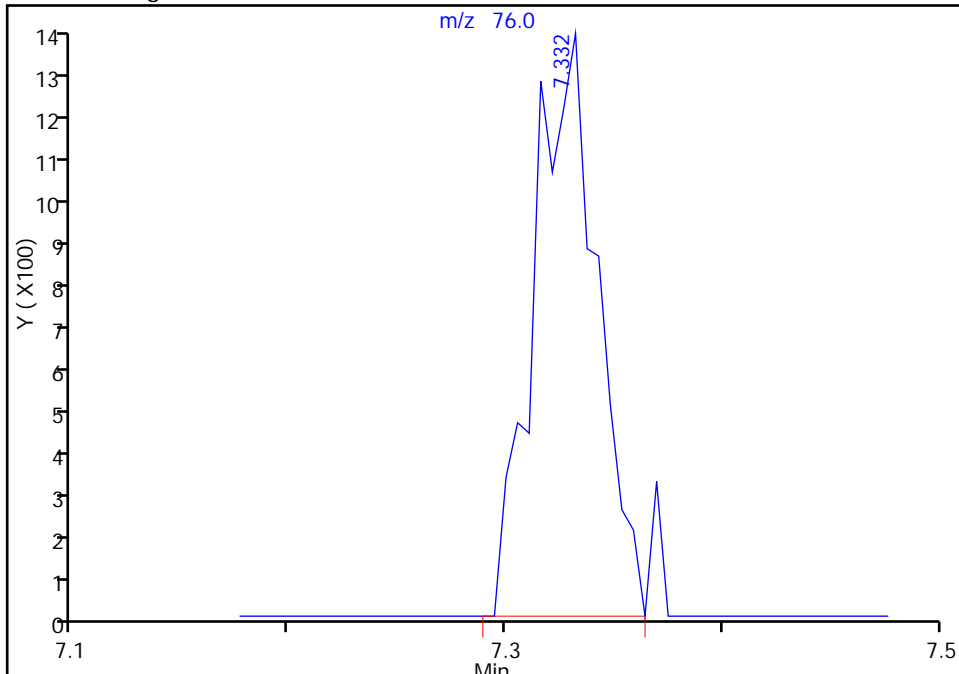
RT: 7.33
Response: 1939
Amount: 0.071847

Processing Integration Results



RT: 7.33
Response: 2702
Amount: 0.192172

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:51:10
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin04.D
Injection Date: 10-Jan-2014 11:30:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

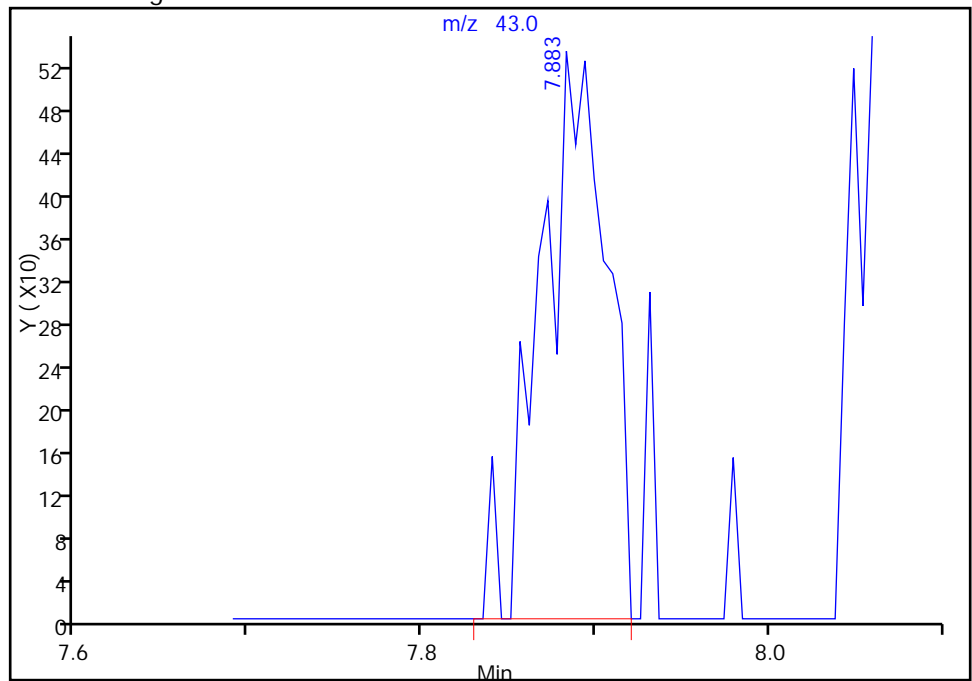
32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Integration Results

RT: 7.87
Response: 0
Amount: 0.162751

RT: 7.88
Response: 1408
Amount: 0.163648

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:51:10
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

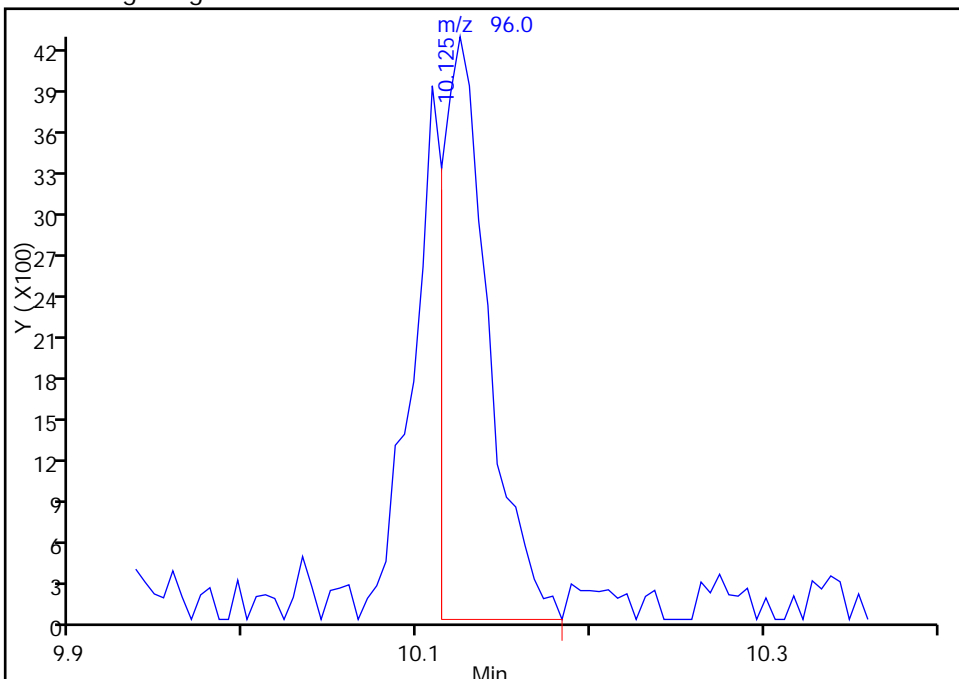
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin04.D
Injection Date: 10-Jan-2014 11:30:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 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

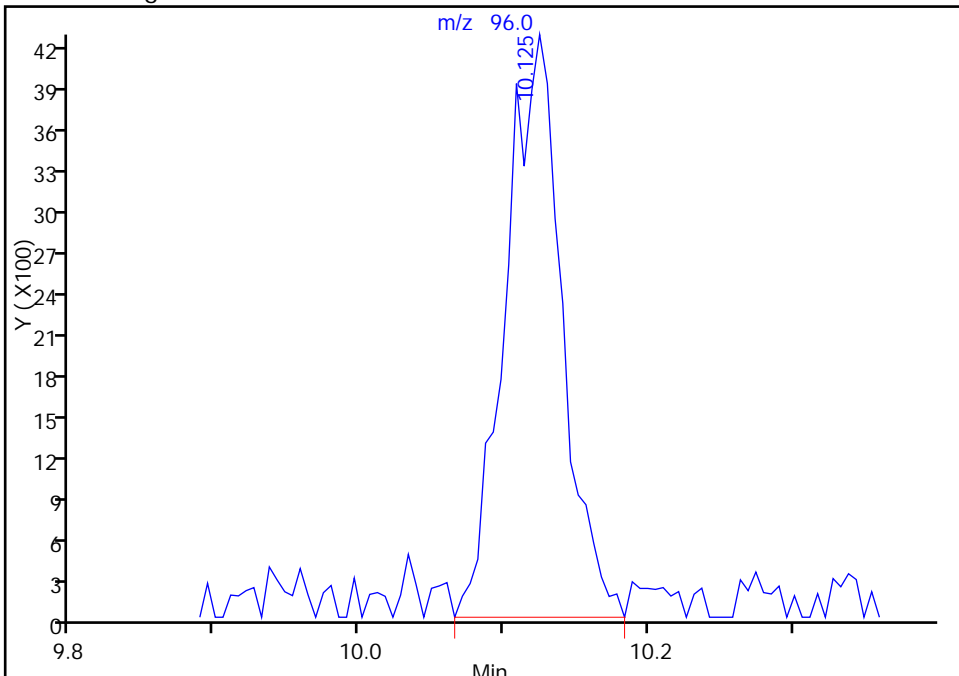
RT: 10.12
Response: 7776
Amount: 0.146349

Processing Integration Results



RT: 10.12
Response: 11476
Amount: 0.191949

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:51:10
Audit Action: Manually Integrated
Audit Reason: Baseline Event

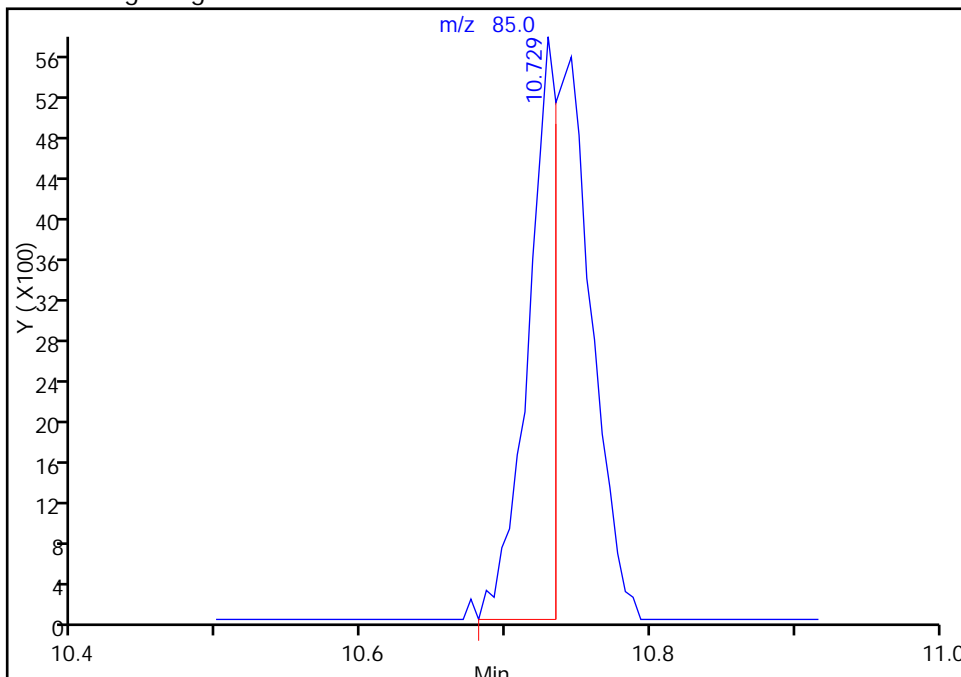
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin04.D
Injection Date: 10-Jan-2014 11:30:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 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

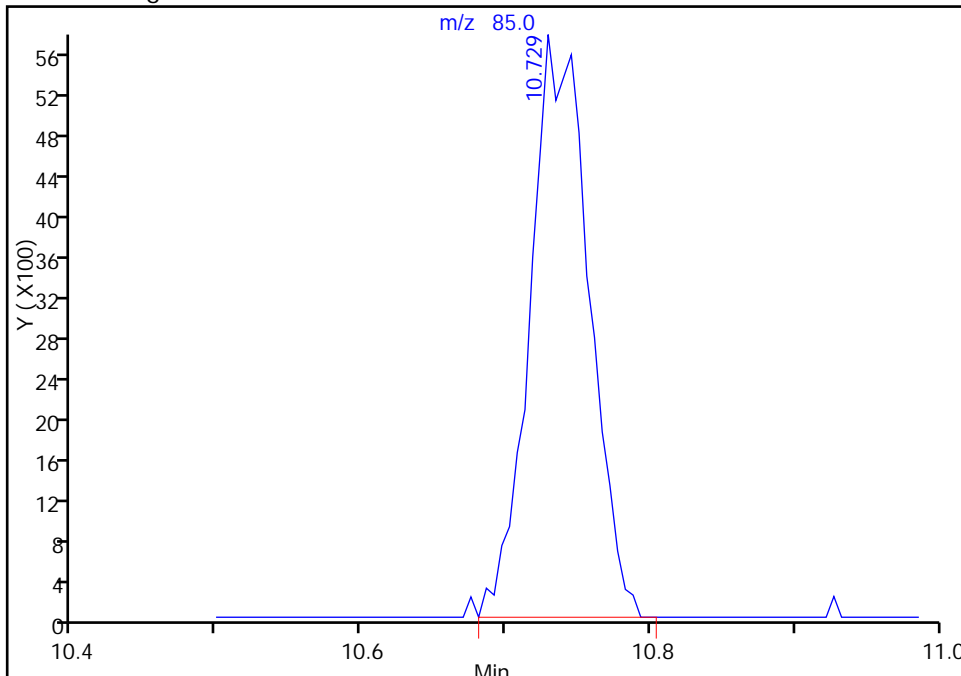
RT: 10.73
Response: 7940
Amount: 0.190907

Processing Integration Results



RT: 10.73
Response: 16281
Amount: 0.189247

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:51:10
Audit Action: Manually Integrated
Audit Reason: Baseline Event

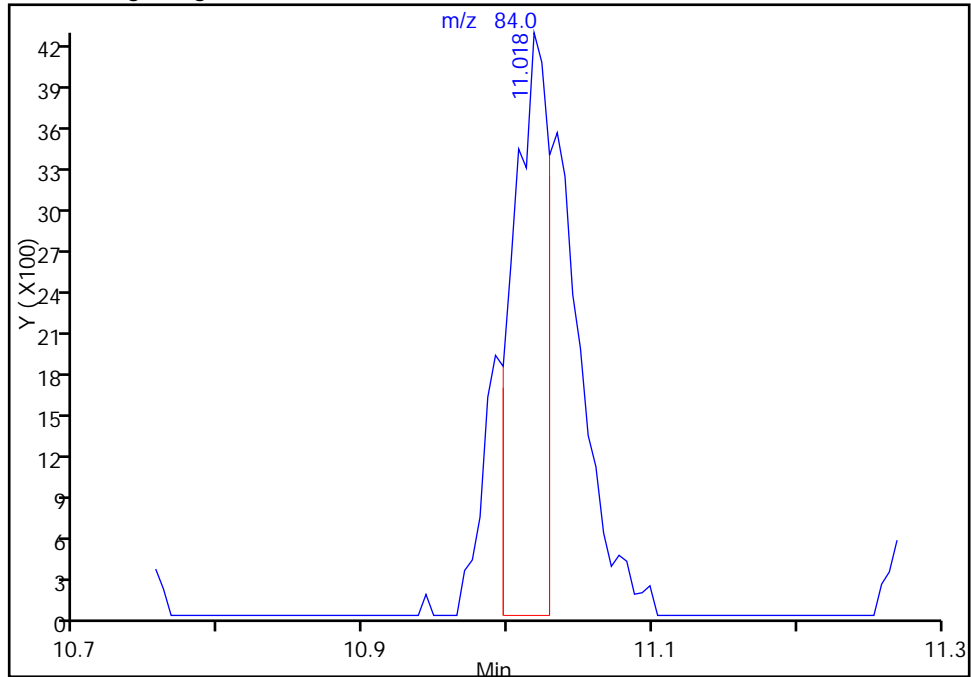
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin04.D
Injection Date: 10-Jan-2014 11:30:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 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

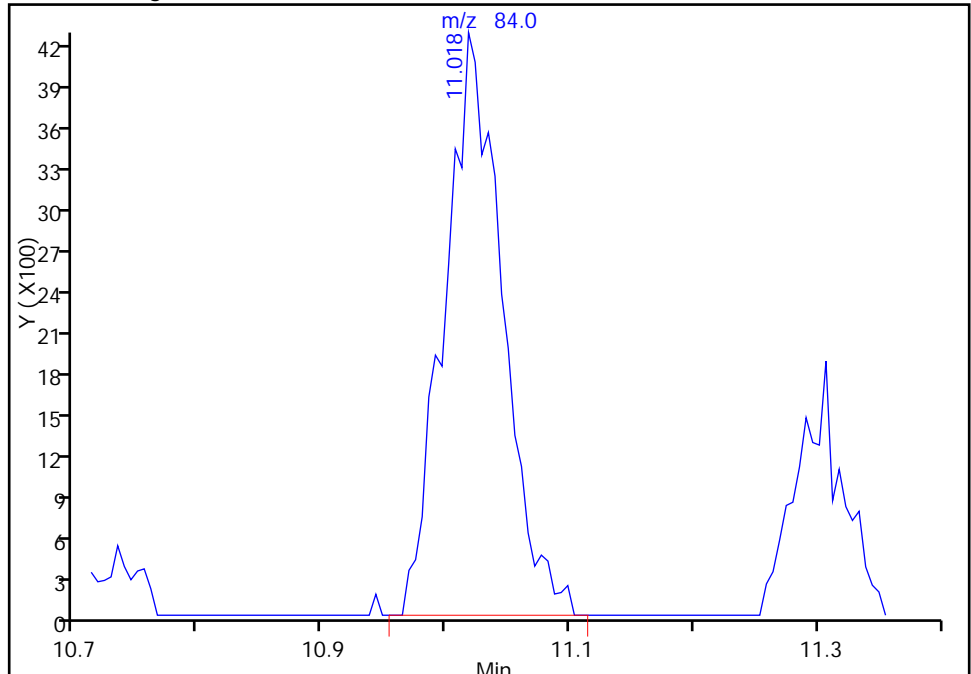
RT: 11.02
Response: 7341
Amount: 0.120504

Processing Integration Results



RT: 11.02
Response: 14030
Amount: 0.198480

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:51:10
Audit Action: Manually Integrated
Audit Reason: Baseline Event

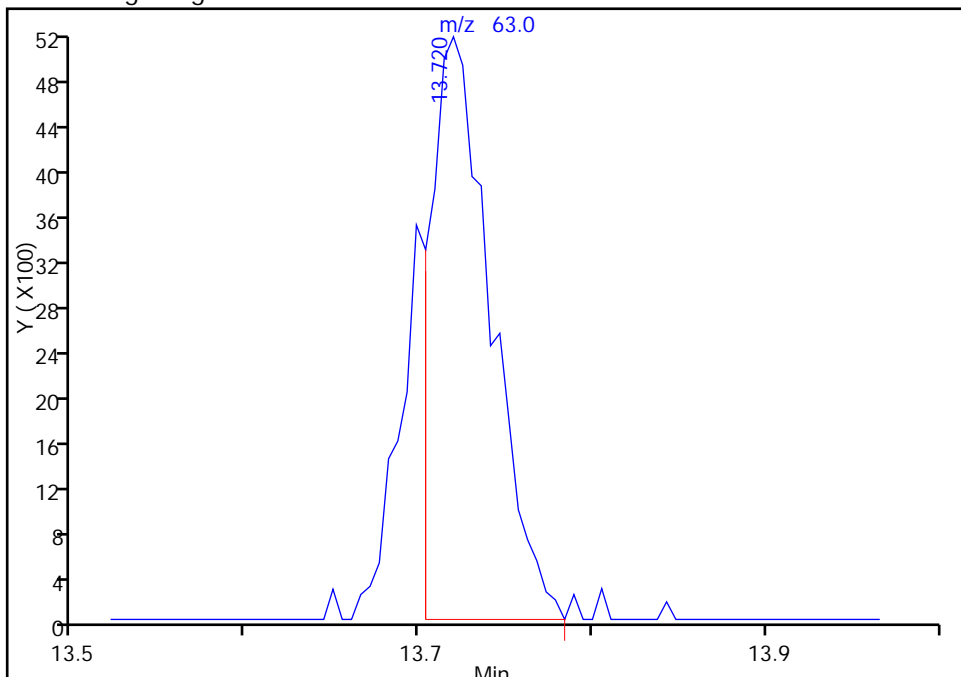
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin04.D
Injection Date: 10-Jan-2014 11:30:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

58 1,2-Dichloropropane, CAS: 78-87-5

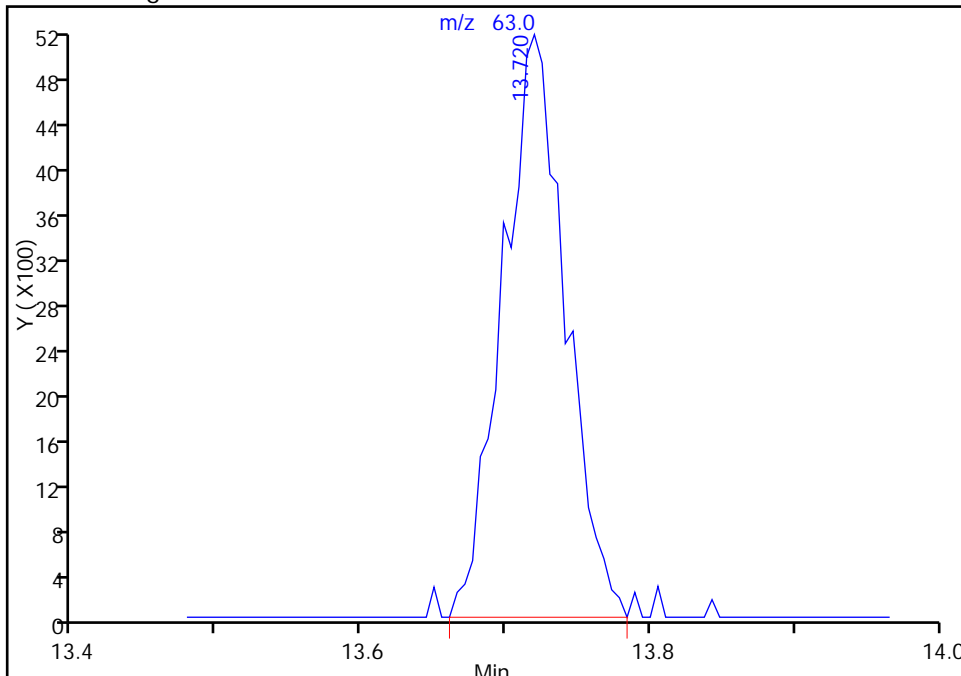
RT: 13.72
Response: 12449
Amount: 0.153266

Processing Integration Results



RT: 13.72
Response: 15475
Amount: 0.177099

Manual Integration Results



Reviewer: lyonsb, 13-Jan-2014 10:51:10
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin06.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 10-Jan-2014 13:04:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005633-006
 Misc. Info.: IC
 Operator ID: pad Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 14-Jan-2014 08:24:03 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK019

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.063	-0.005	96	90483	4.63	
2 Dichlorodifluoromethane	85	3.133	3.133	0.0	99	709145	4.78	
6 Chlorodifluoromethane	51	3.181	3.186	-0.005	97	272796	4.78	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.411	3.411	0.0	93	672102	4.88	
8 Chloromethane	50	3.545	3.550	-0.005	100	133832	4.70	
9 Butane	43	3.764	3.764	0.0	96	184991	4.72	
10 Vinyl chloride	62	3.801	3.807	-0.006	97	170972	4.92	
11 Butadiene	54	3.887	3.892	-0.005	92	107191	4.88	
12 Bromomethane	94	4.588	4.593	-0.005	98	243793	4.79	
13 Chloroethane	64	4.845	4.844	0.001	99	68292	4.65	
14 2-Methylbutane	43	4.935	4.935	0.0	87	125323	4.54	
15 Vinyl bromide	106	5.246	5.251	-0.005	97	275591	4.77	
16 Trichlorofluoromethane	101	5.369	5.369	0.0	98	795866	4.85	
17 Pentane	43	5.524	5.524	0.0	94	212701	4.78	
19 Ethanol	45	5.941	5.947	-0.005	96	91896	9.18	
21 Ethyl ether	59	6.059	6.064	-0.005	96	102132	4.84	
22 Acrolein	56	6.423	6.428	-0.005	96	51989	4.82	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.492	6.492	0.0	94	506429	4.83	
24 1,1-Dichloroethene	96	6.519	6.524	-0.005	94	208027	4.67	
25 Acetone	43	6.749	6.749	0.0	87	212960	5.25	
26 Carbon disulfide	76	6.904	6.909	-0.005	99	584559	4.16	
27 Isopropyl alcohol	45	7.065	7.065	0.0	98	161732	5.21	
29 3-Chloro-1-propene	41	7.327	7.332	-0.005	85	143713	4.71	
30 Acetonitrile	41	7.434	7.434	0.0	99	87871	5.12	
31 Methylene Chloride	49	7.621	7.626	-0.005	84	168419	4.76	
32 2-Methyl-2-propanol	59	7.867	7.867	0.0	98	287449	5.04	
33 Methyl tert-butyl ether	73	8.065	8.065	0.0	94	519041	4.81	
34 trans-1,2-Dichloroethene	61	8.086	8.092	-0.006	89	262785	4.89	
35 Acrylonitrile	53	8.220	8.220	0.0	95	94628	4.73	
36 Hexane	57	8.514	8.514	0.0	91	211572	4.85	
37 1,1-Dichloroethane	63	8.974	8.980	-0.006	99	341944	4.85	

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.076	9.076	0.0	100	346620	4.76
	39			10.125	10.125	0.0	92	290863	4.75
	40			10.173	10.178	-0.005	98	101811	4.27
S	41						0		9.64
	42			10.242	10.237	0.005	98	17497	5.08
*	43			10.595	10.595	0.0	68	623889	10.0
	44			10.611	10.611	0.0	83	174968	4.96
	45			10.740	10.740	0.0	99	672183	4.87
	46			11.018	11.023	-0.005	82	348926	4.88
	47			11.034	11.039	-0.005	93	797732	4.88
	48			11.302	11.302	0.0	97	996807	4.89
	50			11.778	11.778	0.0	94	920091	4.93
	51			11.794	11.794	0.0	98	1142995	4.99
	52			11.954	11.954	0.0	99	452447	4.84
	53			12.200	12.200	0.0	86	405868	4.70
*	54			12.660	12.666	-0.006	92	3606524	10.0
	55			13.056	13.062	-0.006	85	165473	5.12
	56			13.147	13.153	-0.006	94	628227	4.91
A	57			13.316	4.925 - 21.706		0	144971538	0
	58			13.720	13.725	-0.005	92	434550	4.92
	59			13.923	13.923	0.0	81	395193	4.82
	60			13.960	13.960	0.0	83	219405	5.67
	61			13.982	13.982	0.0	94	707403	4.71
	62			14.292	14.292	0.0	98	1038095	4.84
A	63			15.046	3.053 - 27.040		0	225284244	1048.5
	64			15.271	15.271	0.0	87	724869	4.85
	65			15.571	15.576	-0.005	93	700949	4.87
A	67			15.892	15.852 - 15.932		0	3703728	NC
	66			15.892	15.892	0.0	93	1021499	4.75
A	69			15.993	15.943 - 16.043		0	3217539	NC
	68			15.993	15.993	0.0	86	741814	5.00
	70			16.480	16.480	0.0	93	715280	4.81
	71			16.855	16.855	0.0	95	518439	4.97
	72			16.999	16.999	0.0	97	1064778	4.72
	73			17.325	17.325	0.0	93	654182	4.79
	74			17.630	17.630	0.0	97	1312240	4.94
	75			17.903	17.903	0.0	99	1047919	4.91
*	76			18.823	18.829	-0.006	82	3609330	10.0
	77			18.887	18.887	0.0	98	1491244	4.89
	78			19.053	19.053	0.0	96	2148452	4.96
	79			19.214	19.214	0.0	84	803422	5.04
	81			19.305	19.305	0.0	99	1811853	10.1
S	82						0		15.2
	83			20.134	20.134	0.0	95	912955	5.02
	84			20.182	20.182	0.0	97	1288859	5.02
	85			20.567	20.567	0.0	98	1258953	4.93
	86			20.797	20.797	0.0	94	2516012	5.01
\$	87			21.140	21.140	0.0	98	2126690	NC
	88			21.396	21.396	0.0	97	1301358	5.15
	89			21.493	21.493	0.0	95	881505	5.26
	90			21.498	21.498	0.0	99	2736787	5.27
	92			21.680	21.685	-0.005	87	1867858	5.38

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.680	21.685	-0.005	90	2331766	5.41
93	n-Decane		57	21.691	21.696	-0.005	84	895453	5.61
94	1,3,5-Trimethylbenzene		105	21.787	21.787	0.0	93	2090465	5.05
95	Alpha Methyl Styrene		118	22.140	22.140	0.0	91	1039472	5.09
96	tert-Butylbenzene		119	22.268	22.268	0.0	90	2106904	4.99
97	1,2,4-Trimethylbenzene		105	22.359	22.359	0.0	96	2031849	5.05
98	sec-Butylbenzene		105	22.584	22.589	-0.005	99	3032416	5.14
99	4-Isopropyltoluene		119	22.782	22.787	-0.005	95	2536628	5.15
100	1,3-Dichlorobenzene		146	22.803	22.803	0.0	99	1349474	5.07
101	1,4-Dichlorobenzene		146	22.937	22.937	0.0	97	1222246	4.78
102	Benzyl chloride		91	23.130	23.135	-0.005	100	1199344	4.84
103	n-Butylbenzene		91	23.365	23.365	0.0	91	1975167	5.11
104	Undecane		57	23.408	23.408	0.0	92	1003121	5.42
105	1,2-Dichlorobenzene		146	23.478	23.477	0.001	99	1324928	4.81
106	Dodecane		57	25.034	25.034	0.0	92	234630	6.26
107	1,2,4-Trichlorobenzene		180	26.051	26.051	0.0	94	511667	3.65
108	Hexachlorobutadiene		225	26.259	26.259	0.0	92	838107	5.57
109	Naphthalene		128	26.543	26.543	0.0	99	903015	3.10
110	1,2,3-Trichlorobenzene		180	27.030	27.030	0.0	96	504951	4.39

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin06.D

Injection Date: 10-Jan-2014 13:04:30

Instrument ID: CHG.i

Operator ID: pad

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

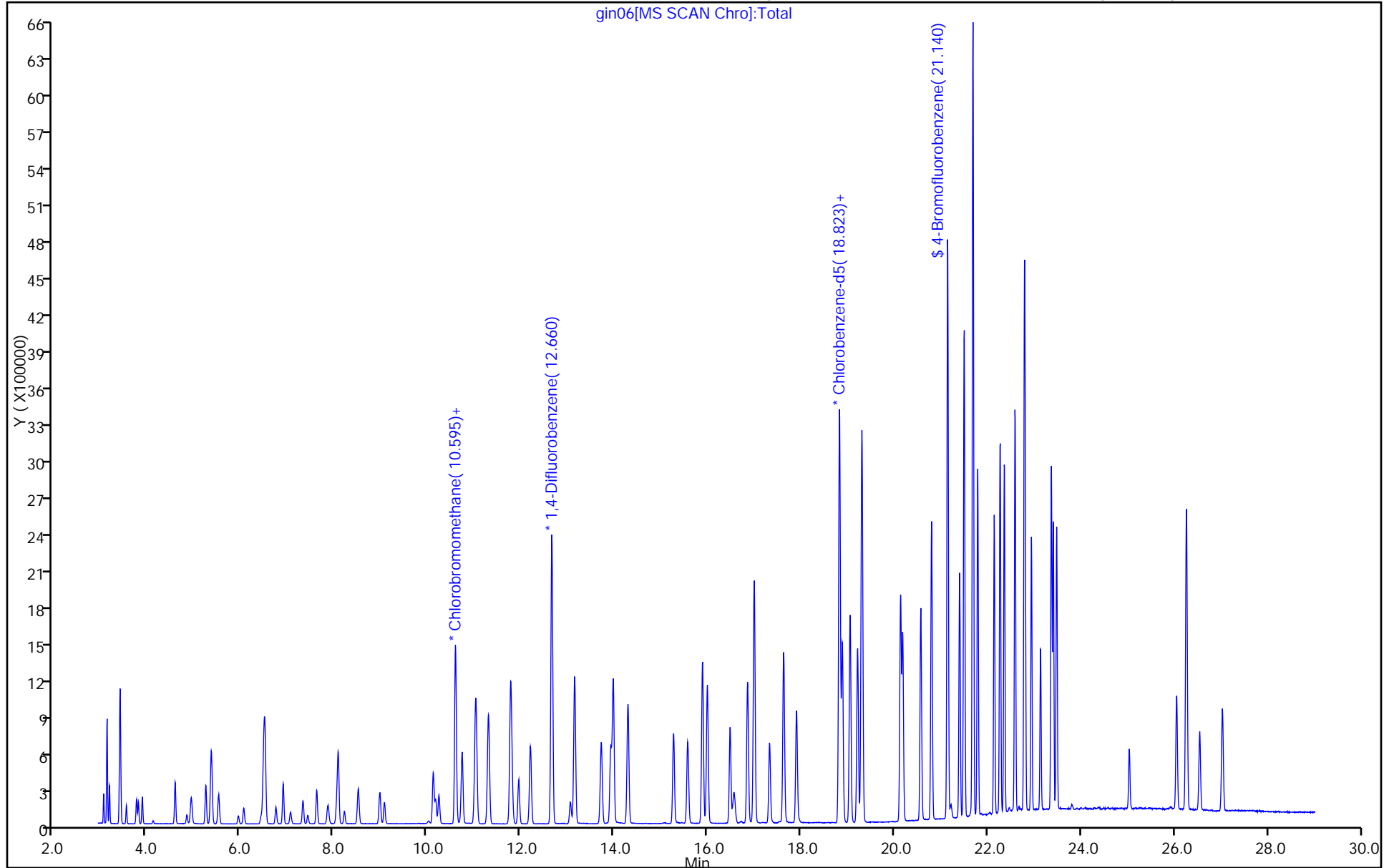
ALS Bottle#: 5

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\20140110-5680.b\gin07.D
 Lims ID: ICIS Lab Sample ID:
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 10-Jan-2014 13:50:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005633-007
 Misc. Info.: ICIS
 Operator ID: pad Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 14-Jan-2014 08:24:06 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK019

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.063	3.063	0.0	97	199450	10.3	
2 Dichlorodifluoromethane	85	3.133	3.133	0.0	99	1563366	10.6	
6 Chlorodifluoromethane	51	3.186	3.186	0.0	96	593690	10.5	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.411	3.411	0.0	92	1457006	10.6	
8 Chloromethane	50	3.550	3.550	0.0	99	292192	10.3	
9 Butane	43	3.764	3.764	0.0	97	405770	10.4	
10 Vinyl chloride	62	3.807	3.807	0.0	97	378934	11.0	
11 Butadiene	54	3.892	3.892	0.0	93	232631	10.7	
12 Bromomethane	94	4.593	4.593	0.0	98	540061	10.7	
13 Chloroethane	64	4.844	4.844	0.0	99	152009	10.4	
14 2-Methylbutane	43	4.935	4.935	0.0	88	277725	10.1	
15 Vinyl bromide	106	5.251	5.251	0.0	96	609121	10.6	
16 Trichlorofluoromethane	101	5.369	5.369	0.0	97	1738755	10.7	
17 Pentane	43	5.524	5.524	0.0	95	463437	10.5	
19 Ethanol	45	5.947	5.947	0.0	97	159781	16.1	
21 Ethyl ether	59	6.064	6.064	0.0	96	224323	10.7	
22 Acrolein	56	6.428	6.428	0.0	96	120690	11.2	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.492	6.492	0.0	94	1098048	10.5	
24 1,1-Dichloroethene	96	6.524	6.524	0.0	94	456572	10.3	
25 Acetone	43	6.749	6.749	0.0	86	434225	10.8	
26 Carbon disulfide	76	6.909	6.909	0.0	98	1289605	9.24	
27 Isopropyl alcohol	45	7.065	7.065	0.0	98	324348	10.5	
29 3-Chloro-1-propene	41	7.332	7.332	0.0	84	319981	10.5	
30 Acetonitrile	41	7.434	7.434	0.0	99	181553	10.7	
31 Methylene Chloride	49	7.626	7.626	0.0	82	362626	10.3	
32 2-Methyl-2-propanol	59	7.867	7.867	0.0	98	603128	10.6	
33 Methyl tert-butyl ether	73	8.065	8.065	0.0	94	1140675	10.6	
34 trans-1,2-Dichloroethene	61	8.092	8.092	0.0	88	564517	10.6	
35 Acrylonitrile	53	8.220	8.220	0.0	93	208134	10.5	
36 Hexane	57	8.514	8.514	0.0	91	458058	10.6	
37 1,1-Dichloroethane	63	8.980	8.980	0.0	99	762265	10.9	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.076	9.076	0.0	100	782152	10.8
	39			10.125	10.125	0.0	92	634641	10.4
	40			10.178	10.178	0.0	97	213906	9.03
S	41						0		21.0
	42			10.237	10.237	0.0	99	37058	10.8
*	43			10.595	10.595	0.0	69	620052	10.0
	44			10.611	10.611	0.0	86	377188	10.7
	45			10.740	10.740	0.0	99	1458975	10.6
	46			11.023	11.023	0.0	85	745959	10.4
	47			11.039	11.039	0.0	95	1749976	10.7
	48			11.302	11.302	0.0	97	2223424	10.9
	50			11.778	11.778	0.0	94	1963159	10.5
	51			11.794	11.794	0.0	98	2429785	10.6
	52			11.954	11.954	0.0	99	987222	10.5
	53			12.200	12.200	0.0	87	880936	10.2
*	54			12.666	12.666	0.0	91	3615429	10.0
	55			13.062	13.062	0.0	85	333649	10.3
	56			13.153	13.153	0.0	94	1376349	10.7
A	57			13.316	4.925 - 21.706		0	313159013	0
	58			13.725	13.725	0.0	91	948820	10.7
	59			13.923	13.923	0.0	80	884796	10.8
	60			13.960	13.960	0.0	83	413638	10.7
	61			13.982	13.982	0.0	92	1622770	10.8
	62			14.292	14.292	0.0	98	2347141	10.9
A	63			15.046	3.053 - 27.040		0	490550773	2277.4
	64			15.271	15.271	0.0	87	1633251	10.9
	65			15.576	15.576	0.0	93	1515701	10.5
A	67			15.892	15.852 - 15.932		0	8292786	NC
	66			15.892	15.892	0.0	94	2300682	10.5
A	69			15.999	15.943 - 16.043		0	6867867	NC
	68			15.993	15.993	0.0	86	1577489	10.6
	70			16.480	16.480	0.0	93	1655222	11.1
	71			16.855	16.855	0.0	95	1146737	10.7
	72			16.999	16.999	0.0	97	2437560	10.6
	73			17.325	17.325	0.0	93	1416408	10.1
	74			17.630	17.630	0.0	97	3044271	11.2
	75			17.903	17.903	0.0	99	2374268	10.9
*	76			18.829	18.829	0.0	81	3689888	10.0
	77			18.887	18.887	0.0	99	3304577	10.6
	78			19.053	19.053	0.0	96	4717159	10.7
	79			19.214	19.214	0.0	83	1695825	10.4
	81			19.305	19.305	0.0	99	3911856	21.4
S	82						0		32.2
	83			20.134	20.134	0.0	95	1999324	10.8
	84			20.182	20.182	0.0	98	2902089	11.1
	85			20.567	20.567	0.0	99	2999420	11.5
	86			20.797	20.797	0.0	94	5504620	10.7
\$	87			21.140	21.140	0.0	98	2213933	NC
	88			21.396	21.396	0.0	98	2809160	10.9
	89			21.493	21.493	0.0	96	1853130	10.8
	90			21.498	21.498	0.0	99	5809079	11.0
	92			21.685	21.685	0.0	87	3804278	10.7

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
91	4-Ethyltoluene	105	21.685	21.685	0.0	90	4822081	10.9
93	n-Decane	57	21.696	21.696	0.0	83	1722321	10.6
94	1,3,5-Trimethylbenzene	105	21.787	21.787	0.0	93	4627158	10.9
95	Alpha Methyl Styrene	118	22.140	22.140	0.0	90	2360814	11.3
96	tert-Butylbenzene	119	22.268	22.268	0.0	91	4640857	10.8
97	1,2,4-Trimethylbenzene	105	22.359	22.359	0.0	95	4443419	10.8
98	sec-Butylbenzene	105	22.589	22.589	0.0	99	6593650	10.9
99	4-Isopropyltoluene	119	22.787	22.787	0.0	95	5510905	10.9
100	1,3-Dichlorobenzene	146	22.803	22.803	0.0	99	3018551	11.1
101	1,4-Dichlorobenzene	146	22.937	22.937	0.0	97	2896626	11.1
102	Benzyl chloride	91	23.135	23.135	0.0	100	2888188	11.4
103	n-Butylbenzene	91	23.365	23.365	0.0	98	4352489	11.0
104	Undecane	57	23.408	23.408	0.0	91	2056510	10.9
105	1,2-Dichlorobenzene	146	23.477	23.477	0.0	99	3063971	10.9
106	Dodecane	57	25.034	25.034	0.0	92	245972	6.42
107	1,2,4-Trichlorobenzene	180	26.051	26.051	0.0	94	1468506	10.2
108	Hexachlorobutadiene	225	26.259	26.259	0.0	93	1583217	10.3
109	Naphthalene	128	26.543	26.543	0.0	99	3174412	10.6
110	1,2,3-Trichlorobenzene	180	27.030	27.030	0.0	96	1372456	11.7

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin07.D

Injection Date: 10-Jan-2014 13:50:30

Instrument ID: CHG.i

Operator ID: pad

Lims ID: ICIS

Lab Sample ID:

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

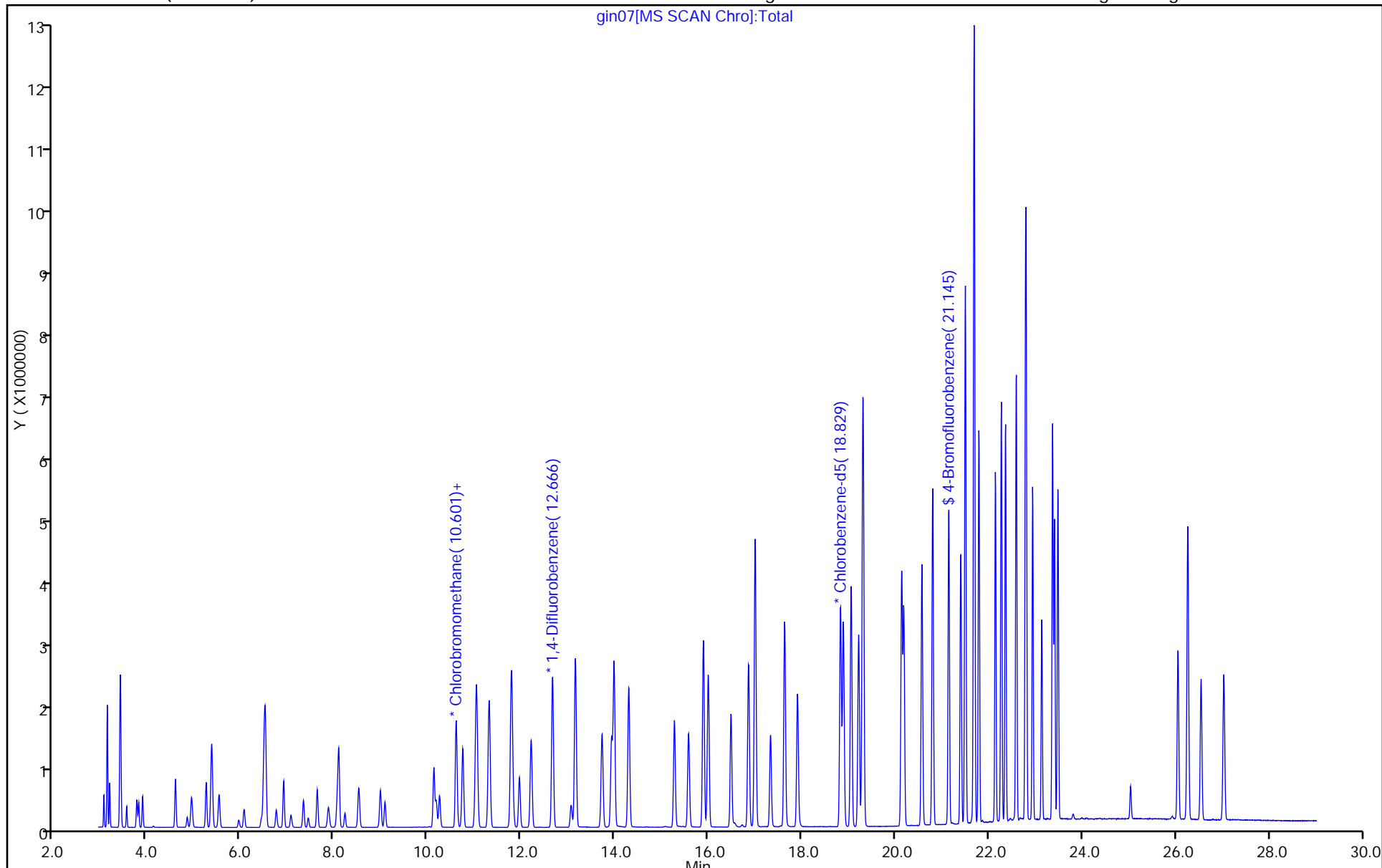
ALS Bottle#: 6

Method: TO15_LLJN_T03_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\20140110-5680.b\gin08.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 10-Jan-2014 14:37:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005680-008
 Misc. Info.: IC
 Operator ID: pad Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 14-Jan-2014 08:26:07 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK019

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.063	-0.005	97	276593	13.8	
2 Dichlorodifluoromethane	85	3.133	3.133	-0.001	99	2195626	14.4	
6 Chlorodifluoromethane	51	3.186	3.186	0.0	97	835264	14.3	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.411	3.411	0.0	92	2045228	14.5	
8 Chloromethane	50	3.544	3.550	-0.006	99	409808	14.0	
9 Butane	43	3.764	3.764	0.0	97	570773	14.2	
10 Vinyl chloride	62	3.807	3.807	0.0	97	531347	14.9	
11 Butadiene	54	3.887	3.892	-0.005	93	329343	14.6	
12 Bromomethane	94	4.593	4.593	0.0	98	760595	14.6	
13 Chloroethane	64	4.844	4.844	0.0	99	214067	14.2	
14 2-Methylbutane	43	4.935	4.935	0.0	86	384052	13.6	
15 Vinyl bromide	106	5.251	5.251	0.0	97	861767	14.6	
16 Trichlorofluoromethane	101	5.363	5.369	-0.006	98	2456618	14.6	
17 Pentane	43	5.524	5.524	0.0	95	650652	14.3	
19 Ethanol	45	5.946	5.947	0.0	95	226912	22.1	
21 Ethyl ether	59	6.059	6.064	-0.005	96	320460	14.8	
22 Acrolein	56	6.428	6.428	0.0	97	164032	14.8	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.497	6.492	0.005	93	1551778	14.5	
24 1,1-Dichloroethene	96	6.519	6.524	-0.005	93	639179	14.0	
25 Acetone	43	6.749	6.749	0.0	87	602243	14.5	
26 Carbon disulfide	76	6.909	6.909	0.0	99	1819718	12.7	
27 Isopropyl alcohol	45	7.065	7.065	0.0	99	491546	15.5	
29 3-Chloro-1-propene	41	7.332	7.332	0.0	84	453535	14.5	
30 Acetonitrile	41	7.434	7.434	0.0	98	259094	14.8	
31 Methylene Chloride	49	7.626	7.626	0.0	82	506940	14.0	
32 2-Methyl-2-propanol	59	7.867	7.867	0.0	98	903077	15.5	
33 Methyl tert-butyl ether	73	8.065	8.065	0.0	94	1623286	14.7	
34 trans-1,2-Dichloroethene	61	8.086	8.092	-0.006	89	788304	14.3	
35 Acrylonitrile	53	8.220	8.220	0.0	93	297532	14.5	
36 Hexane	57	8.514	8.514	0.0	91	652763	14.6	
37 1,1-Dichloroethane	63	8.980	8.980	0.0	99	1065386	14.7	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.076	9.076	0.0	99	1107143	14.9
	39			10.125	10.125	0.0	93	895702	14.3
	40			10.173	10.178	-0.005	98	304964	12.5
S	41						0		28.6
	42			10.248	10.237	0.011	98	51154	14.5
*	43			10.595	10.595	0.0	69	638952	10.0
	44			10.606	10.611	-0.005	84	539773	14.8
	45			10.740	10.740	0.0	99	2044157	14.5
	46			11.023	11.023	0.0	84	1037846	14.1
	47			11.039	11.039	0.0	95	2447358	14.5
	48			11.307	11.302	0.005	96	3141579	15.0
	50			11.778	11.778	0.0	94	2690869	14.0
	51			11.794	11.794	0.0	98	3351300	14.2
	52			11.954	11.954	0.0	99	1400253	14.6
	53			12.206	12.200	0.006	87	1222880	13.8
*	54			12.666	12.666	0.0	91	3715620	10.0
	55			13.062	13.062	0.0	85	520569	15.6
	56			13.153	13.153	-0.001	93	1913766	14.5
A	57			13.316	4.925 - 21.706		0	439823992	0
	58			13.725	13.725	0.0	92	1331185	14.6
	59			13.923	13.923	0.0	80	1249049	14.8
	60			13.960	13.960	0.0	82	628730	15.8
	61			13.982	13.982	0.0	91	2322572	15.0
	62			14.292	14.292	0.0	97	3323723	15.0
A	63			15.046	3.053 - 27.040		0	709173541	3203.6
	64			15.271	15.271	0.0	87	2309932	15.0
	65			15.576	15.576	0.0	93	2164178	14.6
A	67			15.892	15.852 - 15.932		0	11434281	NC
	66			15.892	15.892	0.0	93	3174635	14.0
A	69			15.999	15.943 - 16.043		0	9537819	NC
	68			15.993	15.993	0.0	85	2175883	14.2
	70			16.480	16.480	0.0	93	2369110	15.5
	71			16.860	16.855	0.005	94	1599823	14.5
	72			16.999	16.999	0.0	97	3480810	14.6
	73			17.331	17.325	0.006	92	2063268	14.3
	74			17.630	17.630	0.0	97	4364560	15.5
	75			17.908	17.903	0.005	99	3404354	15.1
*	76			18.829	18.829	0.0	80	3819758	10.0
	77			18.887	18.887	0.0	99	4731538	14.7
	78			19.053	19.053	0.0	96	6678789	14.6
	79			19.214	19.214	0.0	83	2363093	14.0
	81			19.310	19.305	0.005	99	5505904	29.1
S	82						0		43.9
	83			20.134	20.134	0.0	96	2840344	14.8
	84			20.182	20.182	0.0	98	4217167	15.5
	85			20.567	20.567	0.0	99	4367382	16.1
	86			20.797	20.797	0.0	94	7757084	14.6
\$	87			21.145	21.140	0.005	97	2332357	NC
	88			21.402	21.396	0.006	97	3949491	14.8
	89			21.498	21.493	0.005	94	2546125	14.4
	90			21.498	21.498	0.0	99	8070167	14.7
	92			21.685	21.685	0.0	87	5162130	14.0

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.685	21.685	0.0	90	6614825	14.5
93	n-Decane		57	21.696	21.696	0.0	83	2284059	13.5
94	1,3,5-Trimethylbenzene		105	21.787	21.787	0.0	94	6573985	15.0
95	Alpha Methyl Styrene		118	22.140	22.140	0.0	90	3524156	16.3
96	tert-Butylbenzene		119	22.268	22.268	0.0	92	6538755	14.6
97	1,2,4-Trimethylbenzene		105	22.359	22.359	0.0	95	6481167	15.2
98	sec-Butylbenzene		105	22.589	22.589	0.0	99	9260627	14.8
99	4-Isopropyltoluene		119	22.787	22.787	0.0	95	7772760	14.9
100	1,3-Dichlorobenzene		146	22.803	22.803	0.0	99	4575583	16.2
101	1,4-Dichlorobenzene		146	22.937	22.937	0.0	97	4565053	16.9
102	Benzyl chloride		91	23.135	23.135	0.0	100	4540550	17.3
103	n-Butylbenzene		91	23.365	23.365	0.0	97	6440791	15.7
104	Undecane		57	23.408	23.408	0.0	91	3034152	15.5
105	1,2-Dichlorobenzene		146	23.477	23.477	0.0	99	4718275	16.2
106	Dodecane		57	25.034	25.034	0.0	92	662639	16.7
107	1,2,4-Trichlorobenzene		180	26.051	26.051	0.0	94	2640617	17.8
108	Hexachlorobutadiene		225	26.259	26.259	0.0	93	2722098	17.1
109	Naphthalene		128	26.543	26.543	0.0	99	5793770	18.8
110	1,2,3-Trichlorobenzene		180	27.030	27.030	0.0	95	2554057	21.0

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin08.D

Injection Date: 10-Jan-2014 14:37:30

Instrument ID: CHG.i

Operator ID: pad

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

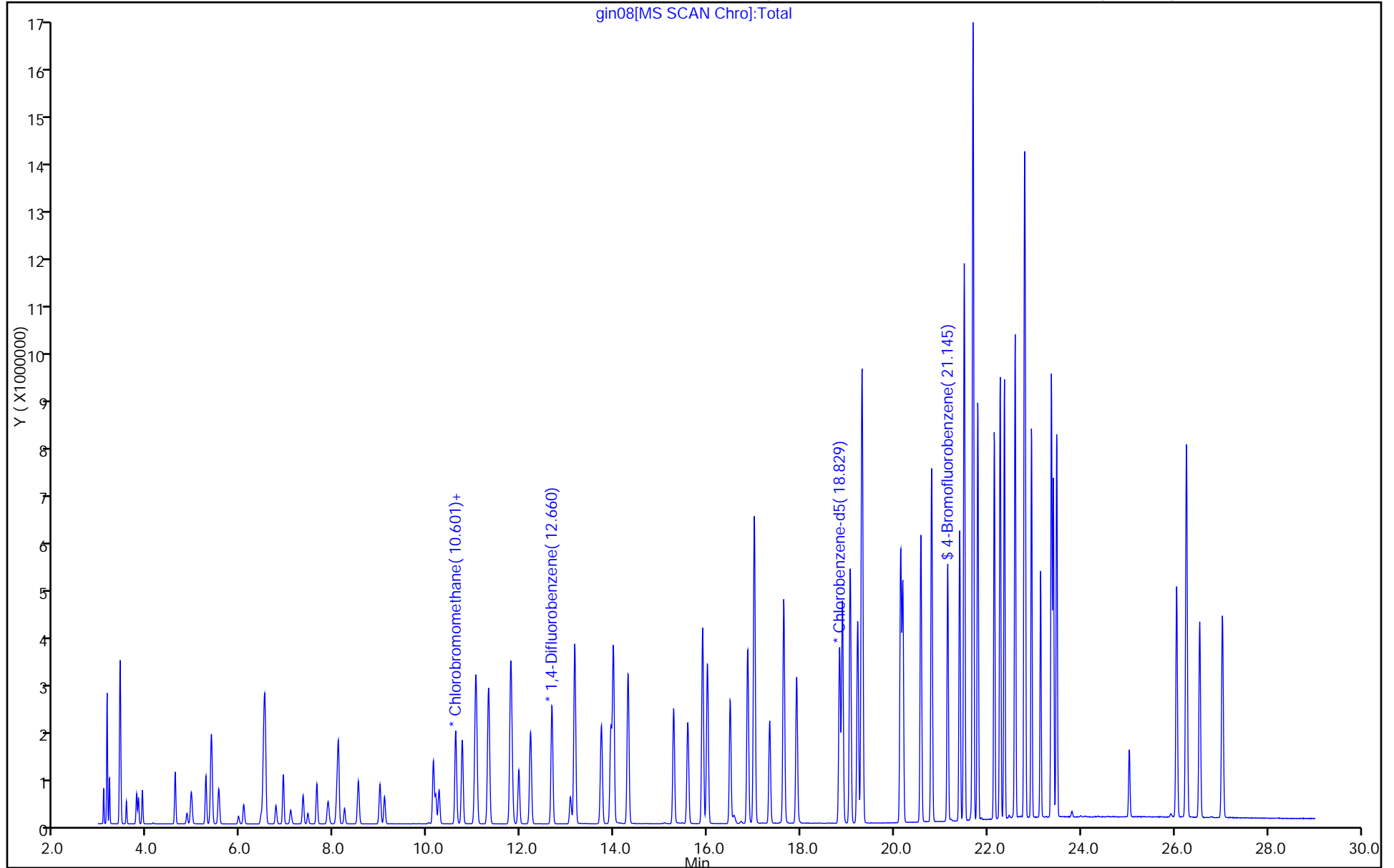
ALS Bottle#: 7

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\20140110-5680.b\gin09.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 10-Jan-2014 15:24:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005680-009
 Misc. Info.: IC
 Operator ID: pad Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 14-Jan-2014 08:24:09 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK019

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.063	3.063	0.0	97	384158	18.9	
2 Dichlorodifluoromethane	85	3.132	3.133	-0.001	99	3004093	19.5	
6 Chlorodifluoromethane	51	3.186	3.186	0.0	97	1146846	19.3	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.411	3.411	0.0	92	2791360	19.5	
8 Chloromethane	50	3.550	3.550	0.0	99	568541	19.2	
9 Butane	43	3.764	3.764	0.0	96	785133	19.3	
10 Vinyl chloride	62	3.806	3.807	-0.001	97	746391	20.6	
11 Butadiene	54	3.892	3.892	0.0	92	458552	20.1	
12 Bromomethane	94	4.593	4.593	0.0	99	1066622	20.1	
13 Chloroethane	64	4.844	4.844	0.0	99	302253	19.8	
14 2-Methylbutane	43	4.941	4.935	0.006	87	535529	18.7	
15 Vinyl bromide	106	5.251	5.251	0.0	98	1212587	20.2	
16 Trichlorofluoromethane	101	5.369	5.369	0.0	98	3387353	19.9	
17 Pentane	43	5.524	5.524	0.0	94	900784	19.5	
19 Ethanol	45	5.952	5.947	0.006	96	445484	42.8	
21 Ethyl ether	59	6.064	6.064	0.0	95	442149	20.2	
22 Acrolein	56	6.428	6.428	0.0	96	220589	19.7	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.497	6.492	0.005	92	2132077	19.6	
24 1,1-Dichloroethene	96	6.524	6.524	0.0	94	889550	19.2	
25 Acetone	43	6.749	6.749	0.0	87	846008	20.0	
26 Carbon disulfide	76	6.909	6.909	0.0	98	2525720	17.3	
27 Isopropyl alcohol	45	7.070	7.065	0.005	98	637034	19.7	
29 3-Chloro-1-propene	41	7.332	7.332	0.0	83	629536	19.8	
30 Acetonitrile	41	7.439	7.434	0.005	97	354903	19.9	
31 Methylene Chloride	49	7.626	7.626	0.0	82	697259	18.9	
32 2-Methyl-2-propanol	59	7.872	7.867	0.005	98	1182442	19.9	
33 Methyl tert-butyl ether	73	8.065	8.065	0.0	94	2248974	20.0	
34 trans-1,2-Dichloroethene	61	8.092	8.092	0.0	88	1088055	19.5	
35 Acrylonitrile	53	8.220	8.220	0.0	93	412664	19.8	
36 Hexane	57	8.514	8.514	0.0	90	897965	19.8	
37 1,1-Dichloroethane	63	8.980	8.980	0.0	99	1483722	20.2	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.081	9.076	0.005	99	1546741	20.4
	39			10.124	10.125	-0.001	92	1249506	19.6
	40			10.173	10.178	-0.005	98	424870	17.2
S	41						0		39.1
	42			10.248	10.237	0.011	98	71796	20.0
*	43			10.601	10.595	0.006	72	648592	10.0
	44			10.611	10.611	0.0	85	745399	20.2
	45			10.745	10.740	0.005	99	2811755	19.6
	46			11.029	11.023	0.006	83	1428309	19.1
	47			11.039	11.039	0.0	95	3376902	19.8
	48			11.307	11.302	0.005	96	4366063	20.5
	50			11.783	11.778	0.005	94	3658371	18.8
	51			11.794	11.794	0.0	98	4565295	19.1
	52			11.954	11.954	0.0	99	1933052	19.8
	53			12.206	12.200	0.006	86	1671974	18.6
*	54			12.666	12.666	0.0	91	3766698	10.0
	55			13.067	13.062	0.005	86	667760	19.8
	56			13.152	13.153	-0.001	93	2635168	19.7
A	57			13.316	4.925 - 21.706		0	599916241	0
	58			13.725	13.725	0.0	91	1826239	19.8
	59			13.923	13.923	0.0	80	1720467	20.1
	60			13.960	13.960	0.0	79	779215	19.3
	61			13.987	13.982	0.005	90	3237819	20.6
	62			14.297	14.292	0.005	97	4615338	20.6
A	63			15.046	3.053 - 27.040		0	963668074	4294.3
	64			15.271	15.271	0.0	87	3204900	20.5
	65			15.576	15.576	0.0	93	2951959	19.6
A	67			15.892	15.852 - 15.932		0	15735429	NC
	66			15.891	15.892	-0.001	94	4383637	18.9
A	69			15.999	15.943 - 16.043		0	12983726	NC
	68			15.993	15.993	0.0	85	2942449	19.0
	70			16.485	16.480	0.005	93	3304905	21.3
	71			16.860	16.855	0.005	94	2189251	19.4
	72			17.004	16.999	0.005	96	4845556	19.9
	73			17.331	17.325	0.006	92	2834374	19.2
	74			17.630	17.630	0.0	97	6065209	21.1
	75			17.908	17.903	0.005	99	4717665	20.5
*	76			18.828	18.829	-0.001	80	3897699	10.0
	77			18.887	18.887	0.0	99	6554681	19.9
	78			19.053	19.053	0.0	96	9195352	19.7
	79			19.219	19.214	0.005	83	3205379	18.6
	81			19.310	19.305	0.005	98	7481282	38.7
S	82						0		58.5
	83			20.139	20.134	0.005	95	3886957	19.8
	84			20.182	20.182	0.0	98	5878964	21.2
	85			20.572	20.567	0.005	98	6105610	22.1
	86			20.803	20.797	0.005	94	10642401	19.6
\$	87			21.145	21.140	0.005	98	2381002	NC
	88			21.402	21.396	0.006	97	5286095	19.4
	89			21.498	21.493	0.005	95	3365101	18.6
	90			21.503	21.498	0.005	98	10732695	19.2
	92			21.685	21.685	0.0	86	6690518	17.8

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.685	21.685	0.0	90	8683909	18.7
93	n-Decane		57	21.696	21.696	0.0	83	2864827	16.6
94	1,3,5-Trimethylbenzene		105	21.792	21.787	0.005	94	8973657	20.1
95	Alpha Methyl Styrene		118	22.145	22.140	0.005	91	4919433	22.3
96	tert-Butylbenzene		119	22.268	22.268	0.0	91	8894084	19.5
97	1,2,4-Trimethylbenzene		105	22.359	22.359	0.0	95	8817387	20.3
98	sec-Butylbenzene		105	22.589	22.589	0.0	98	12445643	19.5
99	4-Isopropyltoluene		119	22.787	22.787	0.0	95	10305727	19.4
100	1,3-Dichlorobenzene		146	22.809	22.803	0.006	99	6195636	21.5
101	1,4-Dichlorobenzene		146	22.942	22.937	0.005	97	6417168	23.2
102	Benzyl chloride		91	23.135	23.135	0.0	100	6411251	24.0
103	n-Butylbenzene		91	23.365	23.365	0.0	95	8612728	20.6
104	Undecane		57	23.408	23.408	0.0	90	3966001	19.8
105	1,2-Dichlorobenzene		146	23.483	23.477	0.006	99	6548101	22.0
106	Dodecane		57	25.034	25.034	0.0	93	928795	23.0
107	1,2,4-Trichlorobenzene		180	26.051	26.051	0.0	94	3513744	23.2
108	Hexachlorobutadiene		225	26.259	26.259	0.0	93	3531843	21.8
109	Naphthalene		128	26.543	26.543	0.0	99	6670983	21.2
110	1,2,3-Trichlorobenzene		180	27.030	27.030	0.0	96	3254732	26.2

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin09.D

Injection Date: 10-Jan-2014 15:24:30

Instrument ID: CHG.i

Operator ID: pad

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

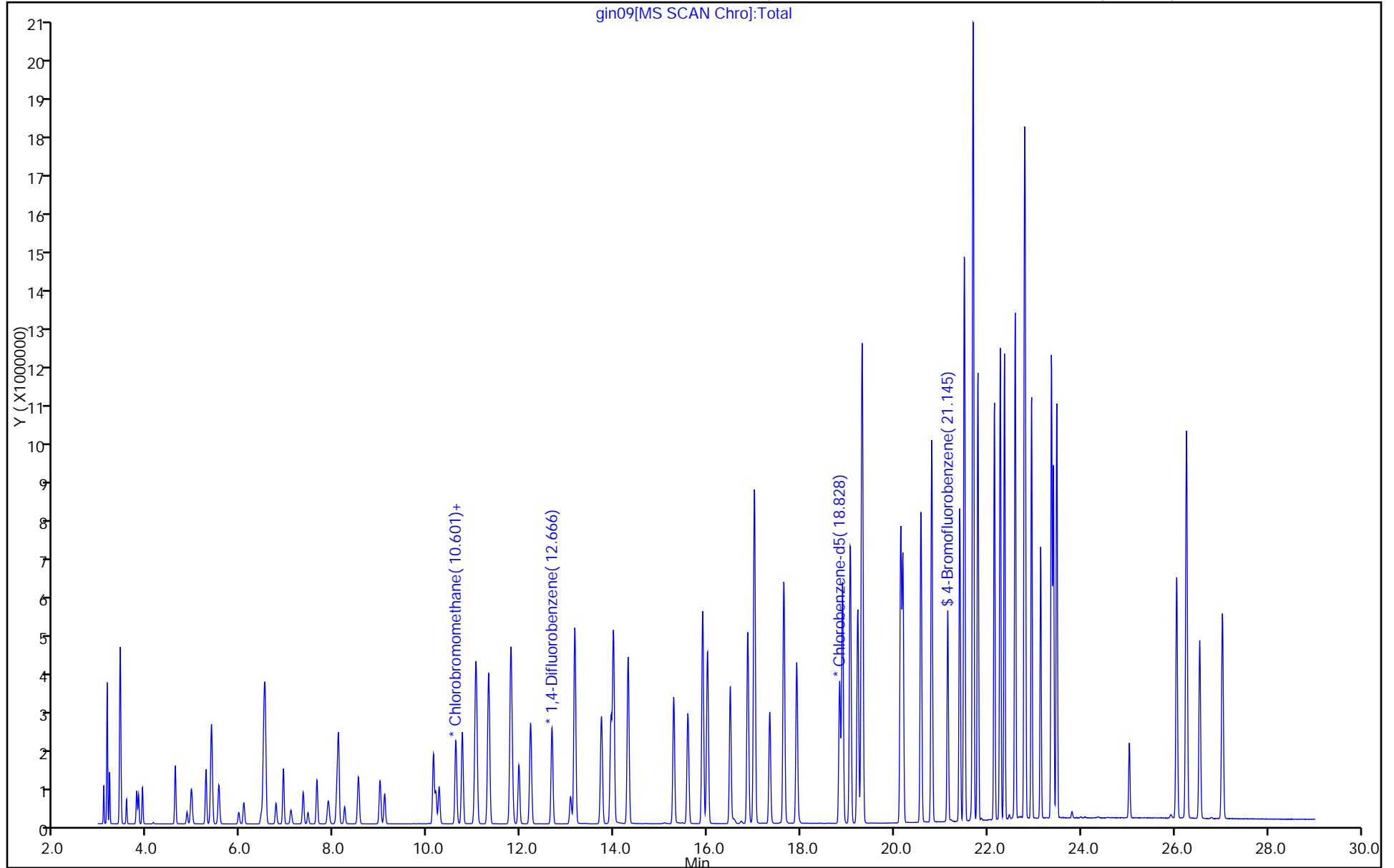
ALS Bottle#: 8

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\20140110-5680.b\gin10.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 10-Jan-2014 16:11:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005680-010
 Misc. Info.: IC
 Operator ID: pad Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 14-Jan-2014 08:24:11 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK019

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.057	3.063	-0.006	97	731182	34.3	
2 Dichlorodifluoromethane	85	3.132	3.133	-0.001	99	5661190	35.0	
6 Chlorodifluoromethane	51	3.186	3.186	0.0	97	2168833	34.8	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.411	3.411	0.0	92	5217607	34.8	
8 Chloromethane	50	3.544	3.550	-0.006	99	1097989	35.3	
9 Butane	43	3.764	3.764	0.0	97	1486253	34.8	
10 Vinyl chloride	62	3.806	3.807	-0.001	97	1430682	37.7	
11 Butadiene	54	3.892	3.892	0.0	92	875213	36.5	
12 Bromomethane	94	4.593	4.593	0.0	98	2038229	36.7	
13 Chloroethane	64	4.844	4.844	0.0	99	591905	36.9	
14 2-Methylbutane	43	4.941	4.935	0.006	86	1028988	34.2	
15 Vinyl bromide	106	5.251	5.251	0.0	97	2333529	37.1	
16 Trichlorofluoromethane	101	5.369	5.369	0.0	98	6483575	36.3	
17 Pentane	43	5.529	5.524	0.005	94	1720637	35.5	
19 Ethanol	45	5.962	5.947	0.016	96	1001906	91.8	
21 Ethyl ether	59	6.064	6.064	0.0	95	862384	37.5	
22 Acrolein	56	6.433	6.428	0.005	96	441870	37.5	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.497	6.492	0.005	93	4061651	35.5	
24 1,1-Dichloroethene	96	6.524	6.524	0.0	92	1694479	34.9	
25 Acetone	43	6.749	6.749	0.0	86	1601346	36.2	
26 Carbon disulfide	76	6.909	6.909	0.0	98	4914071	32.1	
27 Isopropyl alcohol	45	7.080	7.065	0.015	98	1202240	35.5	
29 3-Chloro-1-propene	41	7.332	7.332	0.0	83	1233877	37.1	
30 Acetonitrile	41	7.439	7.434	0.005	98	695544	37.2	
31 Methylene Chloride	49	7.626	7.626	0.0	81	1358492	35.2	
32 2-Methyl-2-propanol	59	7.878	7.867	0.011	98	2239436	36.0	
33 Methyl tert-butyl ether	73	8.065	8.065	0.0	93	4345213	36.9	
34 trans-1,2-Dichloroethene	61	8.092	8.092	0.0	87	2072213	35.4	
35 Acrylonitrile	53	8.225	8.220	0.005	93	817695	37.5	
36 Hexane	57	8.514	8.514	0.0	90	1737554	36.5	
37 1,1-Dichloroethane	63	8.980	8.980	0.0	99	2879176	37.4	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.081	9.076	0.005	99	3018085	38.0
	39			10.124	10.125	-0.001	92	2412257	36.1
	40			10.178	10.178	0.0	98	819907	31.6
S	41						0		71.5
	42			10.253	10.237	0.016	98	139840	37.2
*	43			10.601	10.595	0.006	78	680296	10.0
	44			10.617	10.611	0.006	83	1434369	37.6
	45			10.745	10.740	0.005	99	5406635	35.9
	46			11.029	11.023	0.006	83	2653433	34.3
	47			11.045	11.039	0.006	95	6419215	36.3
	48			11.307	11.302	0.005	96	8413316	38.2
	50			11.783	11.778	0.005	94	6720087	33.3
	51			11.799	11.794	0.005	98	8301398	33.5
	52			11.959	11.954	0.005	99	3748859	37.1
	53			12.205	12.200	0.005	86	3078728	33.0
*	54			12.666	12.666	0.0	91	3900099	10.0
	55			13.067	13.062	0.005	83	1277915	36.6
	56			13.158	13.153	0.005	93	4918277	35.6
A	57			13.316	4.925 - 21.706		0	1104298466	0
	58			13.730	13.725	0.005	91	3419292	35.8
	59			13.928	13.923	0.005	80	3211065	36.2
	60			13.966	13.960	0.006	85	1311116	31.3
	61			13.987	13.982	0.005	91	6242157	38.4
	62			14.303	14.292	0.011	97	8804620	37.9
A	63			15.046	3.053 - 27.040		0	1771530866	7624.2
	64			15.276	15.271	0.005	87	6146669	38.1
	65			15.581	15.576	0.005	93	5495789	35.3
A	67			15.892	15.852 - 15.932		0	29235152	NC
	66			15.897	15.892	0.005	94	8158944	33.9
A	69			16.002	15.943 - 16.043		0	23527800	NC
	68			15.998	15.993	0.005	84	5274126	32.9
	70			16.491	16.480	0.011	93	6387618	39.7
	71			16.865	16.855	0.010	93	4032646	34.5
	72			17.004	16.999	0.005	96	9085196	36.0
	73			17.336	17.325	0.011	92	5312564	34.7
	74			17.635	17.630	0.005	97	11611698	39.1
	75			17.914	17.903	0.011	99	8953032	37.5
*	76			18.828	18.829	-0.001	75	4039066	10.0
	77			18.893	18.887	0.006	98	12257561	35.9
	78			19.058	19.053	0.005	96	16886114	34.9
	79			19.219	19.214	0.005	82	5634534	31.6
	81			19.315	19.305	0.010	98	13248131	66.2
S	82						0		101.2
	83			20.139	20.134	0.005	96	7113497	35.0
	84			20.187	20.182	0.005	98	11051013	38.5
	85			20.572	20.567	0.005	98	11612782	40.6
	86			20.802	20.797	0.005	94	19154763	34.1
\$	87			21.145	21.140	0.005	97	2514580	NC
	88			21.407	21.396	0.011	96	9258950	32.7
	89			21.498	21.493	0.005	94	5662757	30.2
	90			21.509	21.498	0.011	98	17993116	31.0
	92			21.690	21.685	0.005	87	11254953	28.9

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.690	21.685	0.005	90	14806306	30.7
93	n-Decane		57	21.696	21.696	0.0	82	4523883	25.3
94	1,3,5-Trimethylbenzene		105	21.792	21.787	0.005	94	16016282	34.6
95	Alpha Methyl Styrene		118	22.145	22.140	0.005	91	9162142	40.1
96	tert-Butylbenzene		119	22.274	22.268	0.006	90	15842054	33.5
97	1,2,4-Trimethylbenzene		105	22.365	22.359	0.006	95	15763545	35.0
98	sec-Butylbenzene		105	22.584	22.589	-0.005	98	20553963	31.1
99	4-Isopropyltoluene		119	22.787	22.787	0.0	94	17491562	31.7
100	1,3-Dichlorobenzene		146	22.809	22.803	0.006	98	11381467	38.2
101	1,4-Dichlorobenzene		146	22.942	22.937	0.005	96	12395920	43.3
102	Benzyl chloride		91	23.135	23.135	0.0	100	12894260	46.5
103	n-Butylbenzene		91	23.370	23.365	0.005	93	15029987	34.7
104	Undecane		57	23.408	23.408	0.0	89	6641714	32.1
105	1,2-Dichlorobenzene		146	23.483	23.477	0.006	99	12546751	40.7
106	Dodecane		57	25.034	25.034	0.0	92	1408088	33.6
107	1,2,4-Trichlorobenzene		180	26.050	26.051	-0.001	94	7570710	48.2
108	Hexachlorobutadiene		225	26.264	26.259	0.005	93	6128629	36.4
109	Naphthalene		128	26.548	26.543	0.005	99	15647740	48.0
110	1,2,3-Trichlorobenzene		180	27.035	27.030	0.005	96	6203832	48.2

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin10.D

Injection Date: 10-Jan-2014 16:11:30

Instrument ID: CHG.i

Operator ID: pad

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

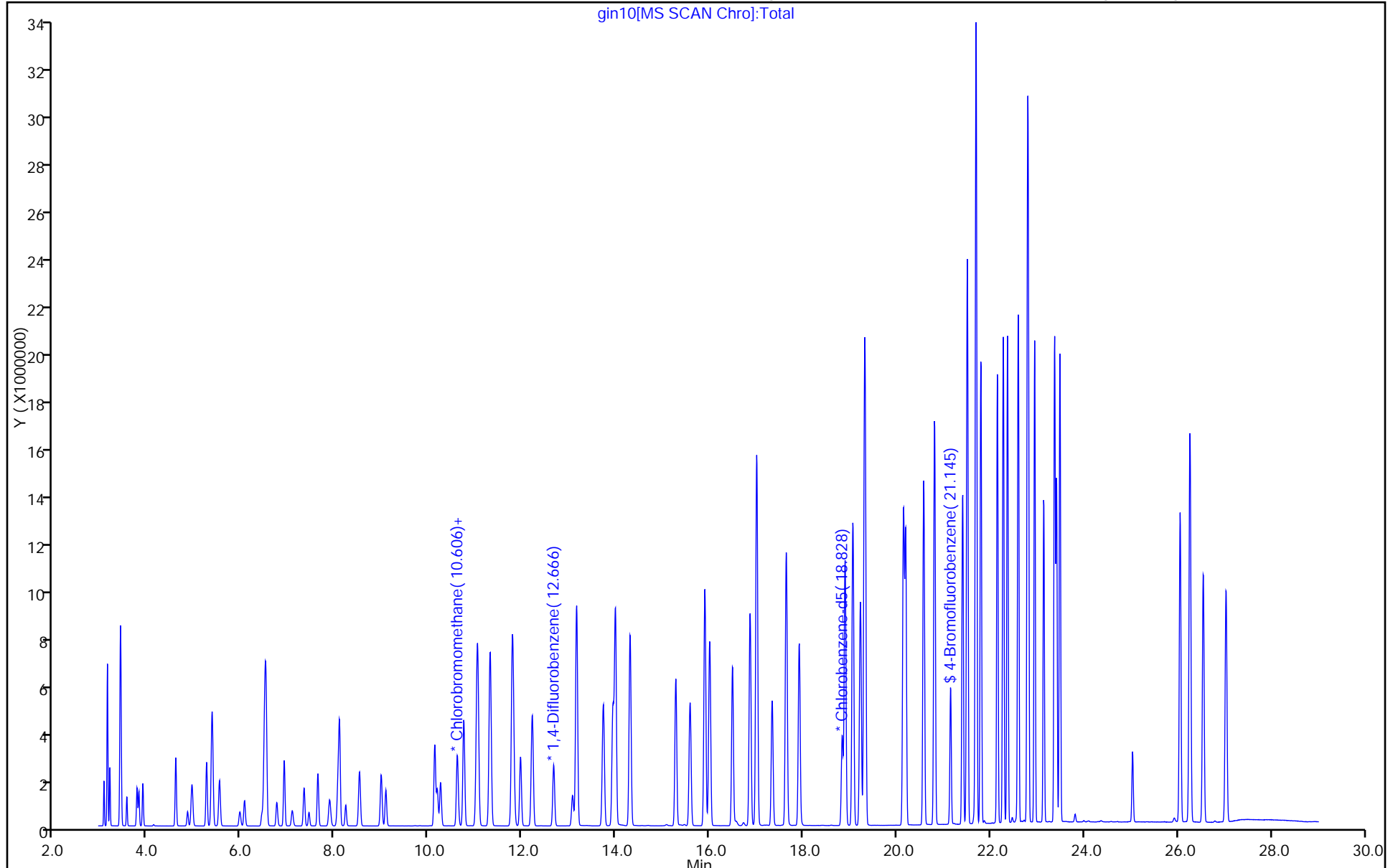
ALS Bottle#: 9

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\20140110-5680.b\gin14.D
 Lims ID: IC Lab Sample ID: Client 200-67035/14-A
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 10-Jan-2014 19:18:30 ALS Bottle#: 11 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005680-014
 Misc. Info.: IC
 Operator ID: pad Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 14-Jan-2014 11:38:04 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: lyonsb

Date: 13-Jan-2014 09:14:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.063	-0.005	93	13940	0.6617	
2 Dichlorodifluoromethane	85	3.133	3.133	0.0	99	94090	0.5879	
6 Chlorodifluoromethane	51	3.186	3.186	0.0	94	37258	0.6052	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.411	3.411	0.0	92	91251	0.6149	
8 Chloromethane	50	3.545	3.550	-0.005	98	19200	0.6251	
9 Butane	43	3.764	3.764	0.0	96	25926	0.6143	
10 Vinyl chloride	62	3.801	3.807	-0.006	98	22167	0.5915	
11 Butadiene	54	3.887	3.892	-0.005	86	13781	0.5820	
12 Bromomethane	94	4.588	4.593	-0.005	93	32248	0.5876	
13 Chloroethane	64	4.834	4.844	-0.010	92	9257	0.5844	
14 2-Methylbutane	43	4.930	4.935	-0.005	91	18819	0.6330	
15 Vinyl bromide	106	5.246	5.251	-0.005	97	36787	0.5910	
16 Trichlorofluoromethane	101	5.363	5.369	-0.006	95	103632	0.5863	
17 Pentane	43	5.524	5.524	0.0	95	28355	0.5913	
19 Ethanol	45	5.947	5.947	0.001	97	49593	4.60	
21 Ethyl ether	59	6.070	6.064	0.006	89	13556	0.5965	
22 Acrolein	56	6.428	6.428	0.0	74	9079	0.7803	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.498	6.492	0.006	95	68107	0.6027	
24 1,1-Dichloroethene	96	6.514	6.524	-0.010	93	29970	0.6248	
25 Acetone	43	6.754	6.749	0.005	86	122920	2.81	
26 Carbon disulfide	76	6.904	6.909	-0.005	98	131047	0.8660	
27 Isopropyl alcohol	45	7.070	7.065	0.005	92	21734	0.6495	
29 3-Chloro-1-propene	41	7.332	7.332	0.0	83	19078	0.5798	
30 Acetonitrile	41	7.434	7.434	0.0	95	14140	0.7650	
31 Methylene Chloride	49	7.616	7.626	-0.010	85	24057	0.6302	
32 2-Methyl-2-propanol	59	7.883	7.867	0.016	93	32882	0.5347	
33 Methyl tert-butyl ether	73	8.076	8.065	0.011	93	66642	0.5726	
34 trans-1,2-Dichloroethene	61	8.086	8.092	-0.006	89	34467	0.5956	
35 Acrylonitrile	53	8.215	8.220	-0.005	94	11975	0.5552	
36 Hexane	57	8.514	8.514	0.0	93	27002	0.5745	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.980	8.980	0.0	95	45160	0.5939
	38	Vinyl acetate	43	9.076	9.076	0.0	99	43430	0.5538
	39	cis-1,2-Dichloroethene	96	10.119	10.125	-0.006	92	40092	0.6072
	40	2-Butanone (MEK)	72	10.178	10.178	0.0	97	22628	0.8812
S	41	1,2-Dichloroethene, Total	61				0		1.20
	42	Ethyl acetate	88	10.237	10.237	0.0	95	2154	0.5802
*	43	Chlorobromomethane	128	10.590	10.595	-0.005	69	672401	10.0
	44	Tetrahydrofuran	42	10.617	10.611	0.006	82	23250	0.6110
	45	Chloroform	83	10.735	10.740	-0.005	99	87385	0.5875
	46	Cyclohexane	84	11.023	11.023	0.0	79	47556	0.6174
	47	1,1,1-Trichloroethane	97	11.029	11.039	-0.010	93	103905	0.5901
	48	Carbon tetrachloride	117	11.302	11.302	0.0	96	126415	0.5750
	50	Benzene	78	11.772	11.778	-0.006	95	126945	0.6307
	51	Isooctane	57	11.788	11.794	-0.006	98	153055	0.6203
	52	1,2-Dichloroethane	62	11.949	11.954	-0.005	98	58494	0.5809
	53	n-Heptane	43	12.200	12.200	0.0	89	56474	0.6069
*	54	1,4-Difluorobenzene	114	12.660	12.666	-0.006	91	3888604	10.0
	55	n-Butanol	56	13.072	13.062	0.010	83	26578	0.7625
	56	Trichloroethene	95	13.142	13.153	-0.011	93	81730	0.5930
A	57	GRO	1	13.316	4.925 - 21.706		0	19672317	0
	58	1,2-Dichloropropane	63	13.714	13.725	-0.011	91	57097	0.5996
	59	Methyl methacrylate	69	13.918	13.923	-0.005	76	46969	0.5313
	60	1,4-Dioxane	88	13.966	13.960	0.006	31	27297	0.6541
	61	Dibromomethane	174	13.971	13.982	-0.011	94	90802	0.5605
	62	Dichlorobromomethane	83	14.292	14.292	0.0	98	128195	0.5541
A	63	TVOC as Toluene	1	15.046	3.053 - 27.040		0	28515051	123.1
	64	cis-1,3-Dichloropropene	75	15.271	15.271	0.0	88	89102	0.5533
	65	4-Methyl-2-pentanone (MIBK)	43	15.576	15.576	0.0	94	88633	0.5706
A	67	Toluene Range	1	15.892	15.852 - 15.932		0	583250	NC
	66	Toluene	92	15.886	15.892	-0.006	93	151026	0.6682
A	69	C8 Range	1	15.993	15.943 - 16.043		0	429395	NC
	68	n-Octane	43	15.993	15.993	0.0	86	95183	0.5950
	70	trans-1,3-Dichloropropene	75	16.475	16.480	-0.005	93	85078	0.5304
	71	1,1,2-Trichloroethane	83	16.855	16.855	0.0	95	66596	0.6070
	72	Tetrachloroethene	166	16.994	16.999	-0.005	97	133799	0.5642
	73	2-Hexanone	43	17.331	17.325	0.006	93	89555	0.6236
	74	Chlorodibromomethane	129	17.630	17.630	0.0	96	145069	0.5195
	75	Ethylene Dibromide	107	17.903	17.903	0.0	98	124997	0.5570
*	76	Chlorobenzene-d5	117	18.823	18.829	-0.006	80	3793556	10.0
	77	Chlorobenzene	112	18.887	18.887	0.0	74	188331	0.5875
	78	Ethylbenzene	91	19.048	19.053	-0.005	97	272405	0.5988
	79	n-Nonane	57	19.214	19.214	0.0	84	105786	0.6317
	81	m-Xylene & p-Xylene	106	19.299	19.305	-0.006	99	230451	1.23
S	82	Xylenes, Total	106				0		1.81
	83	o-Xylene	106	20.129	20.134	-0.005	94	112463	0.5889
	84	Styrene	104	20.182	20.182	0.0	98	138938	0.5153
	85	Bromoform	173	20.567	20.567	0.0	97	127675	0.4754
	86	Isopropylbenzene	105	20.792	20.797	-0.005	94	316107	0.5994
\$	87	4-Bromofluorobenzene	95	21.140	21.140	0.0	98	2037943	NC
	88	1,1,2,2-Tetrachloroethane	83	21.396	21.396	0.0	97	157734	0.5940
	89	1,2,3-Trichloropropane	75	21.493	21.493	0.0	87	107379	0.6101
	90	N-Propylbenzene	91	21.493	21.498	-0.005	98	336703	0.6174

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
92	2-Chlorotoluene		91	21.680	21.685	-0.005	89	241691	0.6618
91	4-Ethyltoluene		105	21.680	21.685	-0.005	89	282794	0.6240
93	n-Decane		57	21.691	21.696	-0.005	82	122310	0.7288
94	1,3,5-Trimethylbenzene		105	21.782	21.787	-0.005	93	255910	0.5879
95	Alpha Methyl Styrene		118	22.140	22.140	0.0	90	99748	0.4643
96	tert-Butylbenzene		119	22.263	22.268	-0.005	90	272933	0.6151
97	1,2,4-Trimethylbenzene		105	22.354	22.359	-0.005	96	243873	0.5767
98	sec-Butylbenzene		105	22.584	22.589	-0.005	99	379108	0.6110
99	4-Isopropyltoluene		119	22.782	22.787	-0.005	94	311628	0.6014
100	1,3-Dichlorobenzene		146	22.803	22.803	0.0	98	138767	0.4957
101	1,4-Dichlorobenzene		146	22.937	22.937	0.0	96	120803	0.4493
102	Benzyl chloride		91	23.130	23.135	-0.005	99	99017	0.3806
103	n-Butylbenzene		91	23.365	23.365	0.0	94	225226	0.5540
104	Undecane		57	23.403	23.408	-0.005	92	116111	0.5970
105	1,2-Dichlorobenzene		146	23.478	23.477	0.001	98	146393	0.5056
106	Dodecane		57	25.034	25.034	0.0	82	10213	0.2594
107	1,2,4-Trichlorobenzene		180	26.045	26.051	-0.006	88	51422	0.3486
108	Hexachlorobutadiene		225	26.259	26.259	0.0	90	69812	0.4418
109	Naphthalene		128	26.543	26.543	0.0	98	123339	0.4025
110	1,2,3-Trichlorobenzene		180	27.030	27.030	0.0	93	38191	0.3158

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D

Injection Date: 10-Jan-2014 19:18:30

Instrument ID: CHG.i

Operator ID: pad

Lims ID: IC

Lab Sample ID: Client 200-67035/14-A

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

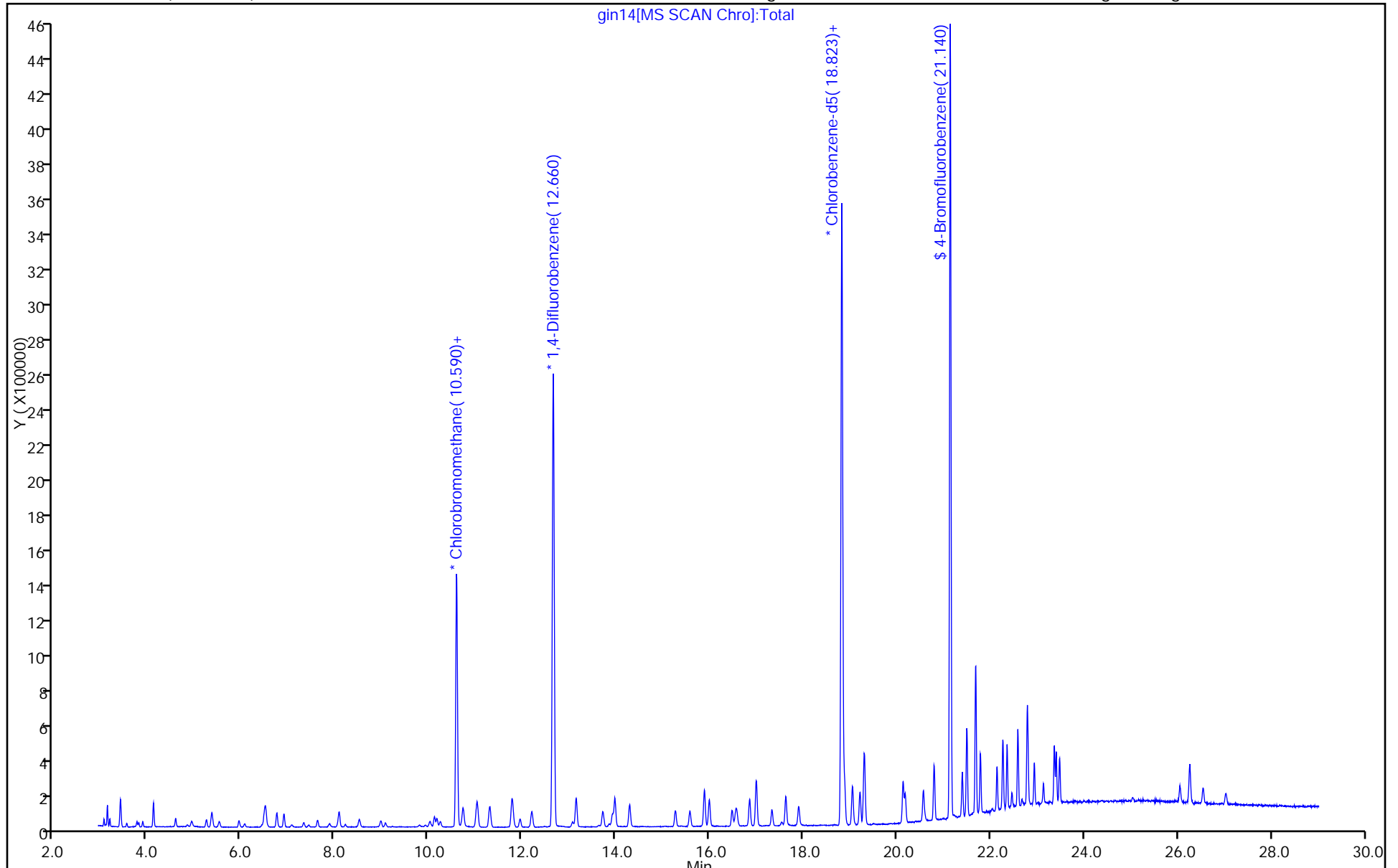
ALS Bottle#: 11

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 VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Lab Sample ID: ICV 200-67034/15 Calibration Date: 01/10/2014 20:05
 Instrument ID: CHG.i Calib Start Date: 01/10/2014 10:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/10/2014 19:18
 Lab File ID: gin15.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	0.3133	0.2957		9.43	10.0	-5.6	30.0
Dichlorodifluoromethane	Ave	2.380	2.234		9.38	10.0	-6.2	30.0
Freon 22	Ave	0.9156	0.8926		9.75	10.0	-2.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.207	2.180		9.88	10.0	-1.2	30.0
Chloromethane	Ave	0.4568	0.4396		9.62	10.0	-3.8	30.0
n-Butane	Ave	0.6277	0.5924		9.44	10.0	-5.6	30.0
Vinyl chloride	Ave	0.5573	0.5586		10.0	10.0	0.2	30.0
1,3-Butadiene	Ave	0.3522	0.3545		10.1	10.0	0.7	30.0
Bromomethane	Ave	0.8161	0.7661		9.38	10.0	-6.1	30.0
Chloroethane	Ave	0.2356	0.2210		9.38	10.0	-6.2	30.0
Isopentane	Ave	0.4421	0.4037		9.13	10.0	-8.7	30.0
Bromoethene (Vinyl Bromide)	Ave	0.9256	0.9110		9.84	10.0	-1.6	30.0
Trichlorofluoromethane	Ave	2.629	2.567		9.76	10.0	-2.4	30.0
n-Pentane	Ave	0.7131	0.6659		9.34	10.0	-6.6	30.0
Ethanol	Ave	0.1604	0.1615		15.1	15.0	0.7	30.0
Ethyl ether	Ave	0.3380	0.3123		9.24	10.0	-7.6	30.0
Acrolein	Ave	0.1730	0.1455		8.41	10.0	-15.9	30.0
Freon TF	Ave	1.680	1.760		10.5	10.0	4.7	30.0
1,1-Dichloroethene	Ave	0.7133	0.7373		10.3	10.0	3.4	30.0
Acetone	Ave	0.6507	0.6984		10.7	10.0	7.3	30.0
Carbon disulfide	Ave	2.251	1.926		8.55	10.0	-14.4	30.0
Isopropyl alcohol	Ave	0.4977	0.4989		10.0	10.0	0.2	30.0
3-Chloropropene	Ave	0.4894	0.4796		9.80	10.0	-2.0	30.0
Acetonitrile	Ave	0.2749	0.2727		9.92	10.0	-0.8	30.0
Methylene Chloride	Ave	0.5677	0.5786		10.2	10.0	1.9	30.0
tert-Butyl alcohol	Ave	0.9145	0.8589		9.39	10.0	-6.1	30.0
Methyl tert-butyl ether	Ave	1.731	1.692		9.78	10.0	-2.2	30.0
trans-1,2-Dichloroethene	Ave	0.8606	0.8303		9.65	10.0	-3.5	30.0
Acrylonitrile	Ave	0.3208	0.3134		9.77	10.0	-2.3	30.0
n-Hexane	Ave	0.6990	0.6795		9.72	10.0	-2.8	30.0
1,1-Dichloroethane	Ave	1.131	1.118		9.88	10.0	-1.1	30.0
Vinyl acetate	Ave	1.166	1.140		9.77	10.0	-2.3	30.0
cis-1,2-Dichloroethene	Ave	0.9820	0.9638		9.81	10.0	-1.9	30.0
Methyl Ethyl Ketone	Ave	0.3819	0.3272		8.57	10.0	-14.3	30.0
Ethyl acetate	Ave	0.0552	0.0564		10.2	10.0	2.1	30.0
Tetrahydrofuran	Ave	0.0979	0.0972		9.94	10.0	-0.6	30.0
Chloroform	Ave	2.212	2.172		9.82	10.0	-1.8	30.0
Cyclohexane	Ave	0.1981	0.1904		9.61	10.0	-3.9	30.0
1,1,1-Trichloroethane	Ave	0.4528	0.4401		9.72	10.0	-2.8	30.0
Carbon tetrachloride	Ave	0.5653	0.5493		9.71	10.0	-2.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Lab Sample ID: ICV 200-67034/15 Calibration Date: 01/10/2014 20:05
 Instrument ID: CHG.i Calib Start Date: 01/10/2014 10:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/10/2014 19:18
 Lab File ID: gin15.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	0.5176	0.5009		9.68	10.0	-3.2	30.0
2,2,4-Trimethylpentane	Ave	0.6346	0.6238		9.83	10.0	-1.7	30.0
1,2-Dichloroethane	Ave	0.2590	0.2523		9.74	10.0	-2.6	30.0
n-Heptane	Ave	0.2393	0.2258		9.43	10.0	-5.6	30.0
n-Butanol	Ave	0.0896	0.0853		9.51	10.0	-4.9	30.0
Trichloroethene	Ave	0.3544	0.3455		9.75	10.0	-2.5	30.0
1,2-Dichloropropane	Ave	0.2449	0.2350		9.60	10.0	-4.0	30.0
Methyl methacrylate	Ave	0.2273	0.2195		9.66	10.0	-3.4	30.0
1,4-Dioxane	Ave	0.1073	0.1048		9.77	10.0	-2.3	30.0
Dibromomethane	Ave	0.4166	0.4019		9.65	10.0	-3.5	30.0
Bromodichloromethane	Ave	0.5949	0.6047		10.2	10.0	1.6	30.0
cis-1,3-Dichloropropene	Ave	0.4141	0.3997		9.65	10.0	-3.5	30.0
methyl isobutyl ketone	Ave	0.3994	0.3904		9.77	10.0	-2.3	30.0
Toluene	Ave	0.5958	0.5497		9.22	10.0	-7.7	30.0
n-Octane	Ave	0.4114	0.3974		9.66	10.0	-3.4	30.0
trans-1,3-Dichloropropene	Ave	0.4125	0.4075		9.88	10.0	-1.2	30.0
1,1,2-Trichloroethane	Ave	0.2892	0.2683		9.27	10.0	-7.2	30.0
Tetrachloroethene	Ave	0.6251	0.5798		9.27	10.0	-7.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3785	0.3611		9.54	10.0	-4.6	30.0
Dibromochloromethane	Ave	0.7361	0.7621		10.4	10.0	3.5	30.0
1,2-Dibromoethane	Ave	0.5915	0.5721		9.67	10.0	-3.3	30.0
Chlorobenzene	Ave	0.8450	0.7993		9.46	10.0	-5.4	30.0
Ethylbenzene	Ave	1.199	1.167		9.73	10.0	-2.7	30.0
n-Nonane	Ave	0.4415	0.4277		9.69	10.0	-3.1	30.0
m,p-Xylene	Ave	0.4956	0.4777		19.3	20.0	-3.6	30.0
Xylene, o-	Ave	0.5034	0.4861		9.65	10.0	-3.5	30.0
Styrene	Ave	0.7107	0.7170		10.1	10.0	0.9	30.0
Bromoform	Ave	0.7080	0.7487		10.6	10.0	5.8	30.0
Cumene	Ave	1.390	1.380		9.93	10.0	-0.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7000	0.6769		9.67	10.0	-3.3	30.0
1,2,3-Trichloropropane	Ave	0.4640	0.4663		10.0	10.0	0.5	30.0
n-Propylbenzene	Ave	1.438	1.481		10.3	10.0	3.0	30.0
2-Chlorotoluene	Ave	0.9626	0.9780		10.2	10.0	1.6	30.0
4-Ethyltoluene	Ave	1.195	1.250		10.5	10.0	4.7	30.0
n-Decane	Ave	0.4424	0.4431		10.0	10.0	0.2	30.0
1,3,5-Trimethylbenzene	Ave	1.148	1.144		9.97	10.0	-0.3	30.0
Alpha Methyl Styrene	Ave	0.5663	0.5995		10.6	10.0	5.9	30.0
tert-Butylbenzene	Ave	1.170	1.171		10.0	10.0	0.1	30.0
1,2,4-Trimethylbenzene	Ave	1.115	1.100		9.86	10.0	-1.3	30.0
sec-Butylbenzene	Ave	1.636	1.666		10.2	10.0	1.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Lab Sample ID: ICV 200-67034/15 Calibration Date: 01/10/2014 20:05
 Instrument ID: CHG.i Calib Start Date: 01/10/2014 10:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/10/2014 19:18
 Lab File ID: gin15.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	1.366	1.410		10.3	10.0	3.2	30.0
1,3-Dichlorobenzene	Ave	0.7380	0.7593		10.3	10.0	2.9	30.0
1,4-Dichlorobenzene	Ave	0.7087	0.7371		10.4	10.0	4.0	30.0
Benzyl chloride	Ave	0.6859	0.7477		10.9	10.0	9.0	30.0
n-Butylbenzene	Ave	1.072	1.144		10.7	10.0	6.7	30.0
n-Undecane	Ave	0.5127	0.5594		10.9	10.0	9.1	30.0
1,2-Dichlorobenzene	Ave	0.7633	0.7598		9.95	10.0	-0.5	30.0
n-Dodecane	Ave	0.1038	0.2009		19.4	10.0	93.6*	30.0
1,2,4-Trichlorobenzene	Ave	0.3889	0.3870		9.95	10.0	-0.5	30.0
Hexachlorobutadiene	Ave	0.4166	0.5004		12.0	10.0	20.1	30.0
Naphthalene	Ave	0.8078	0.9233		11.4	10.0	14.3	30.0
1,2,3-Trichlorobenzene	Ave	0.3188	0.4227		13.3	10.0	32.6*	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin15.D
 Lims ID: ICV Lab Sample ID: ICV 200-67035/15-A
 Client ID:
 Sample Type: ICV
 Inject. Date: 10-Jan-2014 20:05:30 ALS Bottle#: 12 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005680-015
 Misc. Info.: ICV
 Operator ID: pad Instrument ID: CHG.i
 Sublist:
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 16-Jan-2014 14:35:29 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK030

First Level Reviewer: lyonsb

Date: 15-Jan-2014 17:53:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.063	-0.005	98	196677	9.43	
2 Dichlorodifluoromethane	85	3.133	3.133	0.0	99	1485722	9.38	
6 Chlorodifluoromethane	51	3.181	3.186	-0.005	97	593726	9.75	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.411	3.411	0.0	92	1450185	9.88	
8 Chloromethane	50	3.544	3.550	-0.006	99	292398	9.62	
9 Butane	43	3.764	3.764	0.0	97	394028	9.44	
10 Vinyl chloride	62	3.801	3.807	-0.006	97	371560	10.0	
11 Butadiene	54	3.887	3.892	-0.005	93	235822	10.1	
12 Bromomethane	94	4.588	4.593	-0.005	99	509568	9.38	
13 Chloroethane	64	4.839	4.844	-0.005	100	146998	9.38	
14 2-Methylbutane	43	4.935	4.935	0.0	89	268547	9.13	
15 Vinyl bromide	106	5.246	5.251	-0.005	97	605987	9.84	
16 Trichlorofluoromethane	101	5.369	5.369	0.0	98	1707291	9.76	
17 Pentane	43	5.518	5.524	-0.006	94	442927	9.34	
18 BFB								
19 Ethanol	45	5.941	5.947	-0.005	96	161231	15.1	
21 Ethyl ether	59	6.059	6.064	-0.005	95	207756	9.24	
22 Acrolein	56	6.428	6.428	0.0	96	96772	8.41	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.497	6.492	0.005	93	1170769	10.5	
24 1,1-Dichloroethene	96	6.519	6.524	-0.005	94	490436	10.3	
25 Acetone	43	6.749	6.749	0.0	86	464565	10.7	
26 Carbon disulfide	76	6.904	6.909	-0.005	98	1280912	8.55	
27 Isopropyl alcohol	45	7.059	7.065	-0.006	98	331852	10.0	
29 3-Chloro-1-propene	41	7.327	7.332	-0.005	84	319023	9.80	
30 Acetonitrile	41	7.428	7.434	-0.006	99	181396	9.92	
31 Methylene Chloride	49	7.621	7.626	-0.005	82	384892	10.2	
32 2-Methyl-2-propanol	59	7.862	7.867	-0.005	98	571293	9.39	
33 Methyl tert-butyl ether	73	8.065	8.065	0.0	94	1125717	9.78	
34 trans-1,2-Dichloroethene	61	8.086	8.092	-0.006	88	552326	9.65	
35 Acrylonitrile	53	8.220	8.220	0.0	94	208476	9.77	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	36			57	8.514 8.514	0.0 91	451974 9.72
	37			63	8.974 8.980	-0.006 99	743618 9.88
	38			43	9.076 9.076	0.0 100	758099 9.77
	39			96	10.119 10.125	-0.006 93	641079 9.81
	40			72	10.173 10.178	-0.005 98	217652 8.57
S	41			61		0	19.5
	42			88	10.242 10.237	0.005 99	37495 10.2
*	43			128	10.595 10.595	0.0 69	665313 10.0
	44			42	10.606 10.611	-0.005 83	377456 9.94
	45			83	10.740 10.740	0.0 100	1444789 9.82
	46			84	11.018 11.023	-0.005 84	739218 9.61
	47			97	11.034 11.039	-0.005 95	1708370 9.72
	48			117	11.307 11.302	0.005 97	2132224 9.71
	50			78	11.778 11.778	0.0 94	1944341 9.68
	51			57	11.788 11.794	-0.006 98	2421250 9.83
	52			62	11.954 11.954	0.0 99	979166 9.74
	53			43	12.200 12.200	0.0 88	876386 9.43
*	54			114	12.660 12.666	-0.006 91	3882522 10.0
	55			56	13.056 13.062	-0.006 85	331017 9.51
	56			95	13.153 13.153	0.0 94	1341019 9.75
A	57			1	13.316 4.925 - 21.706	0	307396478 0
	58			63	13.720 13.725	-0.005 91	912215 9.60
	59			69	13.923 13.923	0.0 81	852171 9.66
	60			88	13.955 13.960	-0.005 82	406874 9.77
	61			174	13.976 13.982	-0.006 92	1560161 9.65
	62			83	14.292 14.292	0.0 98	2347298 10.2
A	63			1	15.046 3.053 - 27.040	0	492843865 2130.7
	64			75	15.271 15.271	0.0 88	1551347 9.65
	65			43	15.571 15.576	-0.005 93	1515490 9.77
A	67			1	15.892 15.852 -15.932	0	7827884 NC
	66			92	15.886 15.892	-0.006 93	2164733 9.22
A	69			1	15.993 15.943 -16.043	0	6754486 NC
	68			43	15.993 15.993	0.0 86	1542619 9.66
	70			75	16.480 16.480	0.0 93	1581962 9.88
	71			83	16.855 16.855	-0.001 95	1056559 9.27
	72			166	16.999 16.999	0.0 97	2283575 9.27
	73			43	17.325 17.325	0.0 93	1422295 9.54
	74			129	17.630 17.630	0.0 97	3001550 10.4
	75			107	17.903 17.903	0.0 99	2253204 9.67
*	76			117	18.823 18.829	-0.006 78	3939110 10.0
	77			112	18.887 18.887	0.0 98	3147865 9.46
	78			91	19.053 19.053	0.0 96	4595846 9.73
	79			57	19.214 19.214	0.0 83	1684456 9.69
	81			106	19.305 19.305	0.0 99	3762310 19.3
S	82			106		0	28.9
	83			106	20.134 20.134	0.0 96	1914250 9.65
	84			104	20.182 20.182	0.0 98	2823809 10.1
	85			173	20.567 20.567	0.0 99	2948666 10.6
	86			105	20.797 20.797	0.0 94	5436810 9.93
\$	87			95	21.140 21.140	0.0 98	2419737 NC
	88			83	21.396 21.396	0.0 98	2665877 9.67
	89			75	21.493 21.493	0.0 96	1836485 10.0

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
90	N-Propylbenzene	91	21.498	21.498	0.0	99	5830832	10.3
92	2-Chlorotoluene	91	21.680	21.685	-0.005	87	3851848	10.2
91	4-Ethyltoluene	105	21.680	21.685	-0.005	90	4923883	10.5
93	n-Decane	57	21.691	21.696	-0.005	84	1744984	10.0
94	1,3,5-Trimethylbenzene	105	21.787	21.787	0.0	93	4504851	9.97
95	Alpha Methyl Styrene	118	22.140	22.140	0.0	90	2361197	10.6
96	tert-Butylbenzene	119	22.268	22.268	0.0	91	4612559	10.0
97	1,2,4-Trimethylbenzene	105	22.354	22.359	-0.005	95	4331456	9.86
98	sec-Butylbenzene	105	22.584	22.589	-0.005	99	6562418	10.2
99	4-Isopropyltoluene	119	22.782	22.787	-0.005	94	5553863	10.3
100	1,3-Dichlorobenzene	146	22.803	22.803	0.0	99	2990371	10.3
101	1,4-Dichlorobenzene	146	22.937	22.937	0.0	97	2902988	10.4
102	Benzyl chloride	91	23.135	23.135	0.0	100	2944639	10.9
103	n-Butylbenzene	91	23.365	23.365	0.0	98	4503910	10.7
104	Undecane	57	23.408	23.408	0.0	91	2203263	10.9
105	1,2-Dichlorobenzene	146	23.477	23.477	0.0	99	2992197	9.95
106	Dodecane	57	25.034	25.034	0.0	93	791188	19.4
107	1,2,4-Trichlorobenzene	180	26.051	26.051	0.0	94	1524092	9.95
108	Hexachlorobutadiene	225	26.259	26.259	0.0	93	1970622	12.0
109	Naphthalene	128	26.543	26.543	0.0	99	3636162	11.4
110	1,2,3-Trichlorobenzene	180	27.030	27.030	0.0	96	1664869	13.3

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin15.D

Injection Date: 10-Jan-2014 20:05:30

Instrument ID: CHG.i

Operator ID: pad

Lims ID: ICV

Lab Sample ID: ICV 200-67035/15-A

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

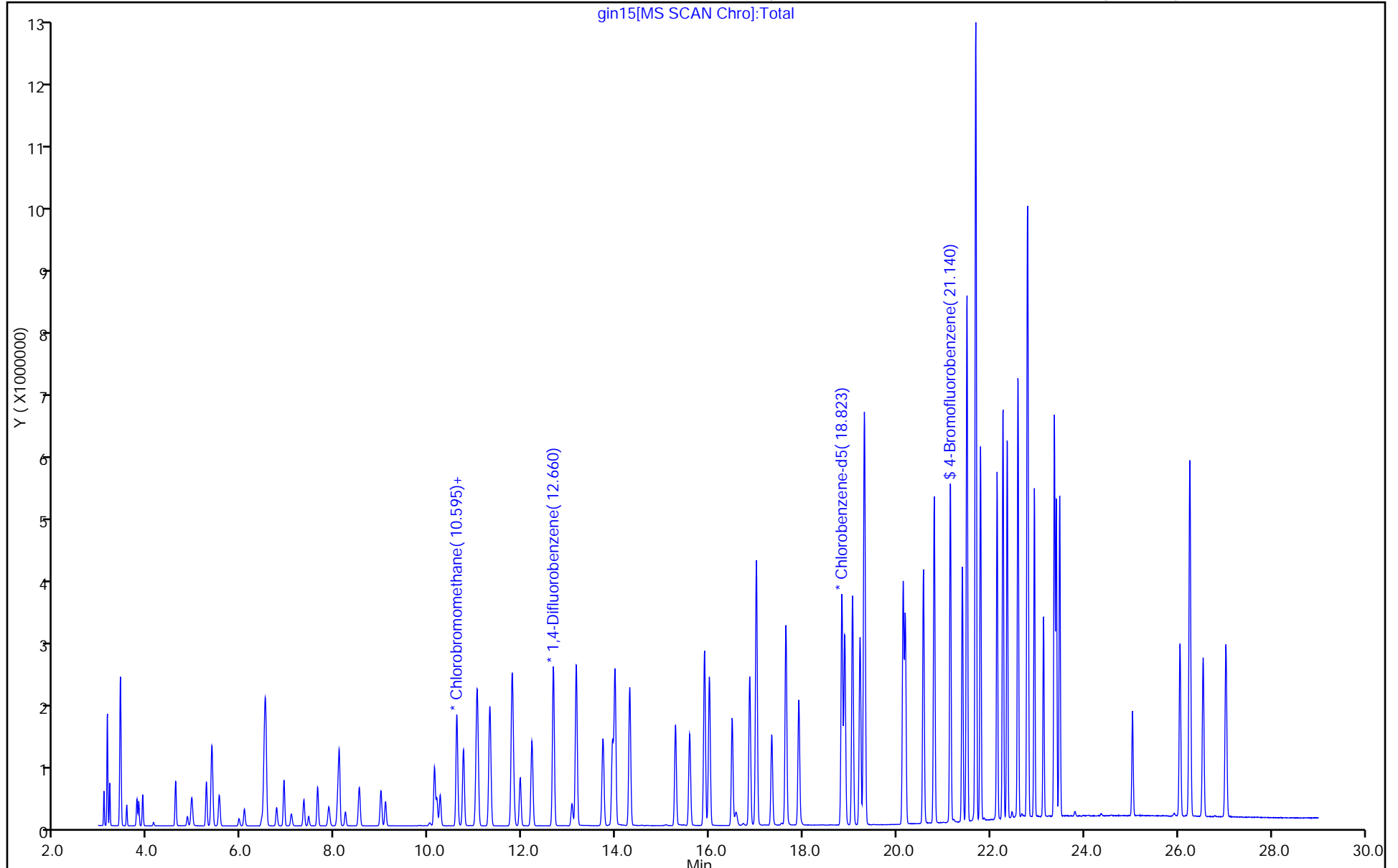
ALS Bottle#: 12

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



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67709/2 Calibration Date: 01/28/2014 10:39
 Instrument ID: CHG.i Calib Start Date: 01/10/2014 10:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/10/2014 19:18
 Lab File ID: 5881002.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	0.3133	0.3272		10.4	10.0	4.4	30.0
Dichlorodifluoromethane	Ave	2.380	2.713		11.4	10.0	14.0	30.0
Freon 22	Ave	0.9156	0.999		10.9	10.0	9.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.207	2.532		11.5	10.0	14.8	30.0
Chloromethane	Ave	0.4568	0.4867		10.7	10.0	6.5	30.0
n-Butane	Ave	0.6277	0.6596		10.5	10.0	5.1	30.0
Vinyl chloride	Ave	0.5573	0.6426		11.5	10.0	15.3	30.0
1,3-Butadiene	Ave	0.3522	0.3939		11.2	10.0	11.8	30.0
Bromomethane	Ave	0.8161	0.9612		11.8	10.0	17.8	30.0
Chloroethane	Ave	0.2356	0.2661		11.3	10.0	13.0	30.0
Isopentane	Ave	0.4421	0.4509		10.2	10.0	2.0	30.0
Bromoethene (Vinyl Bromide)	Ave	0.9256	1.067		11.5	10.0	15.3	30.0
Trichlorofluoromethane	Ave	2.629	3.026		11.5	10.0	15.1	30.0
n-Pentane	Ave	0.7131	0.7399		10.4	10.0	3.8	30.0
Ethanol	Ave	0.1604	0.1710		16.0	15.0	6.6	30.0
Ethyl ether	Ave	0.3380	0.3773		11.2	10.0	11.6	30.0
Acrolein	Ave	0.1730	0.1968		11.4	10.0	13.7	30.0
Freon TF	Ave	1.680	1.919		11.4	10.0	14.2	30.0
1,1-Dichloroethene	Ave	0.7133	0.7870		11.0	10.0	10.3	30.0
Acetone	Ave	0.6507	0.8016		12.3	10.0	23.2	30.0
Carbon disulfide	Ave	2.251	2.261		10.0	10.0	0.5	30.0
Isopropyl alcohol	Ave	0.4977	0.4968		9.98	10.0	-0.2	30.0
3-Chloropropene	Ave	0.4894	0.5138		10.5	10.0	5.0	30.0
Acetonitrile	Ave	0.2749	0.2972		10.8	10.0	8.1	30.0
Methylene Chloride	Ave	0.5677	0.5928		10.4	10.0	4.4	30.0
tert-Butyl alcohol	Ave	0.9145	0.9722		10.6	10.0	6.3	30.0
Methyl tert-butyl ether	Ave	1.731	1.945		11.2	10.0	12.4	30.0
trans-1,2-Dichloroethene	Ave	0.8606	0.9374		10.9	10.0	8.9	30.0
Acrylonitrile	Ave	0.3208	0.3394		10.6	10.0	5.8	30.0
n-Hexane	Ave	0.6990	0.7588		10.9	10.0	8.6	30.0
1,1-Dichloroethane	Ave	1.131	1.263		11.2	10.0	11.7	30.0
Vinyl acetate	Ave	1.166	1.254		10.7	10.0	7.5	30.0
cis-1,2-Dichloroethene	Ave	0.9820	1.072		10.9	10.0	9.2	30.0
Methyl Ethyl Ketone	Ave	0.3819	0.3614		9.46	10.0	-5.4	30.0
Ethyl acetate	Ave	0.0552	0.0618		11.2	10.0	12.0	30.0
Tetrahydrofuran	Ave	0.0979	0.1011		10.3	10.0	3.3	30.0
Chloroform	Ave	2.212	2.443		11.0	10.0	10.5	30.0
Cyclohexane	Ave	0.1981	0.2074		10.5	10.0	4.7	30.0
1,1,1-Trichloroethane	Ave	0.4528	0.4915		10.9	10.0	8.6	30.0
Carbon tetrachloride	Ave	0.5653	0.6280		11.1	10.0	11.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67709/2 Calibration Date: 01/28/2014 10:39
 Instrument ID: CHG.i Calib Start Date: 01/10/2014 10:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/10/2014 19:18
 Lab File ID: 5881002.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	0.5176	0.5519		10.7	10.0	6.6	30.0
2,2,4-Trimethylpentane	Ave	0.6346	0.6582		10.4	10.0	3.7	30.0
1,2-Dichloroethane	Ave	0.2590	0.2770		10.7	10.0	7.0	30.0
n-Heptane	Ave	0.2393	0.2330		9.73	10.0	-2.6	30.0
n-Butanol	Ave	0.0896	0.0847		9.45	10.0	-5.5	30.0
Trichloroethene	Ave	0.3544	0.3898		11.0	10.0	10.0	30.0
1,2-Dichloropropane	Ave	0.2449	0.2655		10.8	10.0	8.4	30.0
Methyl methacrylate	Ave	0.2273	0.2487		10.9	10.0	9.4	30.0
1,4-Dioxane	Ave	0.1073	0.1139		10.6	10.0	6.1	30.0
Dibromomethane	Ave	0.4166	0.4950		11.9	10.0	18.8	30.0
Bromodichloromethane	Ave	0.5949	0.6864		11.5	10.0	15.4	30.0
cis-1,3-Dichloropropene	Ave	0.4141	0.4694		11.3	10.0	13.4	30.0
methyl isobutyl ketone	Ave	0.3994	0.4131		10.3	10.0	3.4	30.0
Toluene	Ave	0.5958	0.6026		10.1	10.0	1.1	30.0
n-Octane	Ave	0.4114	0.4175		10.1	10.0	1.5	30.0
trans-1,3-Dichloropropene	Ave	0.4125	0.4799		11.6	10.0	16.4	30.0
1,1,2-Trichloroethane	Ave	0.2892	0.3061		10.6	10.0	5.8	30.0
Tetrachloroethene	Ave	0.6251	0.6782		10.8	10.0	8.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3785	0.3695		9.76	10.0	-2.4	30.0
Dibromochloromethane	Ave	0.7361	0.8262		11.2	10.0	12.2	30.0
1,2-Dibromoethane	Ave	0.5915	0.6428		10.9	10.0	8.7	30.0
Chlorobenzene	Ave	0.8450	0.8974		10.6	10.0	6.2	30.0
Ethylbenzene	Ave	1.199	1.275		10.6	10.0	6.3	30.0
n-Nonane	Ave	0.4415	0.4355		9.86	10.0	-1.4	30.0
m,p-Xylene	Ave	0.4956	0.5126		20.7	20.0	3.4	30.0
Xylene, o-	Ave	0.5034	0.5328		10.6	10.0	5.8	30.0
Styrene	Ave	0.7107	0.7673		10.8	10.0	8.0	30.0
Bromoform	Ave	0.7080	0.8491		12.0	10.0	19.9	30.0
Cumene	Ave	1.390	1.483		10.7	10.0	6.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7000	0.7437		10.6	10.0	6.2	30.0
1,2,3-Trichloropropane	Ave	0.4640	0.4832		10.4	10.0	4.1	30.0
n-Propylbenzene	Ave	1.438	1.543		10.7	10.0	7.3	30.0
2-Chlorotoluene	Ave	0.9626	1.009		10.5	10.0	4.8	30.0
4-Ethyltoluene	Ave	1.195	1.271		10.6	10.0	6.4	30.0
n-Decane	Ave	0.4424	0.4445		10.0	10.0	0.5	30.0
1,3,5-Trimethylbenzene	Ave	1.148	1.238		10.8	10.0	7.9	30.0
Alpha Methyl Styrene	Ave	0.5663	0.6372		11.2	10.0	12.5	30.0
tert-Butylbenzene	Ave	1.170	1.254		10.7	10.0	7.2	30.0
1,2,4-Trimethylbenzene	Ave	1.115	1.220		10.9	10.0	9.4	30.0
sec-Butylbenzene	Ave	1.636	1.767		10.8	10.0	8.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67709/2 Calibration Date: 01/28/2014 10:39
 Instrument ID: CHG.i Calib Start Date: 01/10/2014 10:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/10/2014 19:18
 Lab File ID: 5881002.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	1.366	1.488		10.9	10.0	8.9	30.0
1,3-Dichlorobenzene	Ave	0.7380	0.8223		11.1	10.0	11.4	30.0
1,4-Dichlorobenzene	Ave	0.7087	0.8182		11.5	10.0	15.4	30.0
Benzyl chloride	Ave	0.6859	0.8342		12.2	10.0	21.6	30.0
n-Butylbenzene	Ave	1.072	1.203		11.2	10.0	12.3	30.0
n-Undecane	Ave	0.5127	0.5696		11.1	10.0	11.1	30.0
1,2-Dichlorobenzene	Ave	0.7633	0.8644		11.3	10.0	13.2	30.0
n-Dodecane	Ave	0.1038	0.1187		11.4	10.0	14.4	30.0
1,2,4-Trichlorobenzene	Ave	0.3889	0.5046		13.0	10.0	29.8	30.0
Hexachlorobutadiene	Ave	0.4166	0.5522		13.3	10.0	32.6*	30.0
Naphthalene	Ave	0.8078	1.123		13.9	10.0	39.0*	30.0
1,2,3-Trichlorobenzene	Ave	0.3188	0.5017		15.7	10.0	57.4*	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881002.D
 Lims ID: ccvis Lab Sample ID: VIBLK 200-67034/2-A
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 28-Jan-2014 10:39:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005881-002
 Misc. Info.: ccvis
 Operator ID: wrd Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub4
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Jan-2014 11:21:17 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK006

First Level Reviewer: desjardinsb

Date: 28-Jan-2014 11:21:16

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	96	281485	10.4	
2 Dichlorodifluoromethane	85	3.132	3.132	0.0	99	2334147	11.4	
6 Chlorodifluoromethane	51	3.186	3.186	0.0	97	859322	10.9	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.411	3.411	0.0	92	2178447	11.5	
8 Chloromethane	50	3.544	3.544	0.0	99	418626	10.7	
9 Butane	43	3.764	3.764	0.0	96	567370	10.5	
10 Vinyl chloride	62	3.801	3.801	0.0	97	552803	11.5	
11 Butadiene	54	3.887	3.887	0.0	91	338817	11.2	
18 BFB								
12 Bromomethane	94	4.588	4.588	0.0	98	826874	11.8	
13 Chloroethane	64	4.839	4.839	0.0	99	228912	11.3	
14 2-Methylbutane	43	4.935	4.935	0.0	85	387829	10.2	
15 Vinyl bromide	106	5.246	5.246	0.0	99	917985	11.5	
16 Trichlorofluoromethane	101	5.363	5.363	0.0	98	2603366	11.5	
17 Pentane	43	5.518	5.518	0.0	93	636499	10.4	
19 Ethanol	45	5.936	5.936	0.0	96	220748	16.0	
21 Ethyl ether	59	6.053	6.053	0.0	95	324566	11.2	
22 Acrolein	56	6.423	6.423	0.0	96	169309	11.4	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.492	6.492	0.0	94	1650741	11.4	
24 1,1-Dichloroethene	96	6.513	6.513	0.0	92	677021	11.0	
25 Acetone	43	6.738	6.738	0.0	87	689549	12.3	
26 Carbon disulfide	76	6.899	6.899	0.0	98	1944753	10.0	
27 Isopropyl alcohol	45	7.054	7.054	0.0	98	427378	9.98	
29 3-Chloro-1-propene	41	7.321	7.321	0.0	84	442011	10.5	
30 Acetonitrile	41	7.423	7.423	0.0	98	255668	10.8	
31 Methylene Chloride	49	7.616	7.616	0.0	81	509904	10.4	
32 2-Methyl-2-propanol	59	7.856	7.856	0.0	98	836272	10.6	
33 Methyl tert-butyl ether	73	8.060	8.060	0.0	94	1673102	11.2	
34 trans-1,2-Dichloroethene	61	8.081	8.081	0.0	87	806359	10.9	
35 Acrylonitrile	53	8.209	8.209	0.0	93	291968	10.6	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	36			57	8.509 8.509 0.0	90 652721	10.9
	37			63	8.969 8.969 0.0	99 1086526	11.2
	38			43	9.065 9.065 0.0	99 1078492	10.7
	39			96	10.108 10.108 0.0	92 922273	10.9
	40			72	10.162 10.162 0.0	97 310854	9.46
S	41			61		0	21.8
	42			88	10.232 10.232 0.0	98 53180	11.2
*	43			128	10.585 10.585 0.0	68 860387	10.0
	44			42	10.595 10.595 0.0	83 511158	10.3
	45			83	10.729 10.729 0.0	99 2101897	11.0
	46			84	11.013 11.013 0.0	83 1048158	10.5
	47			97	11.029 11.029 0.0	95 2484646	10.9
	48			117	11.291 11.291 0.0	97 3174192	11.1
	50			78	11.767 11.767 0.0	94 2789777	10.7
	51			57	11.783 11.783 0.0	98 3327162	10.4
	52			62	11.938 11.938 0.0	99 1400327	10.7
	53			43	12.195 12.195 0.0	85 1177655	9.73
*	54			114	12.650 12.650 0.0	91 5055812	10.0
	55			56	13.045 13.045 0.0	85 428029	9.45
	56			95	13.136 13.136 0.0	94 1970507	11.0
A	57			1	13.310 4.925 - 21.695	0 449073274	0
	58			63	13.709 13.709 0.0	91 1341968	10.8
	59			69	13.912 13.912 0.0	79 1257108	10.9
	60			88	13.944 13.944 0.0	82 575825	10.6
	61			174	13.966 13.966 0.0	90 2501874	11.9
	62			83	14.281 14.281 0.0	97 3469384	11.5
A	63			1	15.038 3.048 - 27.029	0 721028396	2393.8
	64			75	15.260 15.260 0.0	87 2372849	11.3
	65			43	15.560 15.560 0.0	92 2088281	10.3
	66			92	15.881 15.881 0.0	93 3225865	10.1
	68			43	15.988 15.988 0.0	85 2110456	10.1
	70			75	16.469 16.469 0.0	93 2425986	11.6
	71			83	16.844 16.844 0.0	94 1638458	10.6
	72			166	16.994 16.994 0.0	96 3630566	10.8
	73			43	17.315 17.315 0.0	92 1978039	9.76
	74			129	17.619 17.619 0.0	97 4423124	11.2
	75			107	17.892 17.892 0.0	99 3441266	10.9
*	76			117	18.812 18.812 0.0	80 5354535	10.0
	77			112	18.877 18.877 0.0	98 4804270	10.6
	78			91	19.043 19.043 0.0	96 6824415	10.6
	79			57	19.203 19.203 0.0	83 2331297	9.86
	81			106	19.299 19.299 0.0	99 5487942	20.7
S	82			106		0	31.3
	83			106	20.123 20.123 0.0	95 2852463	10.6
	84			104	20.171 20.171 0.0	98 4107521	10.8
	85			173	20.556 20.556 0.0	98 4545560	12.0
	86			105	20.792 20.792 0.0	94 7939235	10.7
\$	87			95	21.134 21.134 0.0	97 3142106	NC
	88			83	21.391 21.391 0.0	96 3981483	10.6
	89			75	21.487 21.487 0.0	95 2586544	10.4
	90			91	21.493 21.493 0.0	99 8261162	10.7
	91			105	21.675 21.675 0.0	90 6805175	10.6

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	92	2-Chlorotoluene	91	21.675	21.675	0.0	87	5402580	10.5
	93	n-Decane	57	21.685	21.685	0.0	83	2379584	10.0
	94	1,3,5-Trimethylbenzene	105	21.782	21.782	0.0	94	6625667	10.8
	95	Alpha Methyl Styrene	118	22.135	22.135	0.0	91	3411254	11.2
	96	tert-Butylbenzene	119	22.263	22.263	0.0	94	6711344	10.7
	97	1,2,4-Trimethylbenzene	105	22.349	22.349	0.0	95	6528763	10.9
	98	sec-Butylbenzene	105	22.579	22.579	0.0	99	9459376	10.8
	99	4-Isopropyltoluene	119	22.777	22.777	0.0	95	7963760	10.9
	100	1,3-Dichlorobenzene	146	22.798	22.798	0.0	98	4401943	11.1
	101	1,4-Dichlorobenzene	146	22.932	22.932	0.0	97	4380028	11.5
	102	Benzyl chloride	91	23.124	23.124	0.0	100	4465738	12.2
	103	n-Butylbenzene	91	23.360	23.360	0.0	97	6440783	11.2
	104	Undecane	57	23.403	23.403	0.0	90	3049530	11.1
	105	1,2-Dichlorobenzene	146	23.472	23.472	0.0	99	4627424	11.3
	106	Dodecane	57	25.029	25.029	0.0	92	635250	11.4
	107	1,2,4-Trichlorobenzene	180	26.040	26.040	0.0	93	2701402	13.0
	108	Hexachlorobutadiene	225	26.254	26.254	0.0	94	2956264	13.3
	109	Naphthalene	128	26.532	26.532	0.0	99	6009425	13.9
	110	1,2,3-Trichlorobenzene	180	27.019	27.019	0.0	96	2685991	15.7

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881002.D

Injection Date: 28-Jan-2014 10:39:30

Instrument ID: CHG.i

Operator ID: wrd

Lims ID: ccvis

Lab Sample ID: VIBLK 200-67034/2-A

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

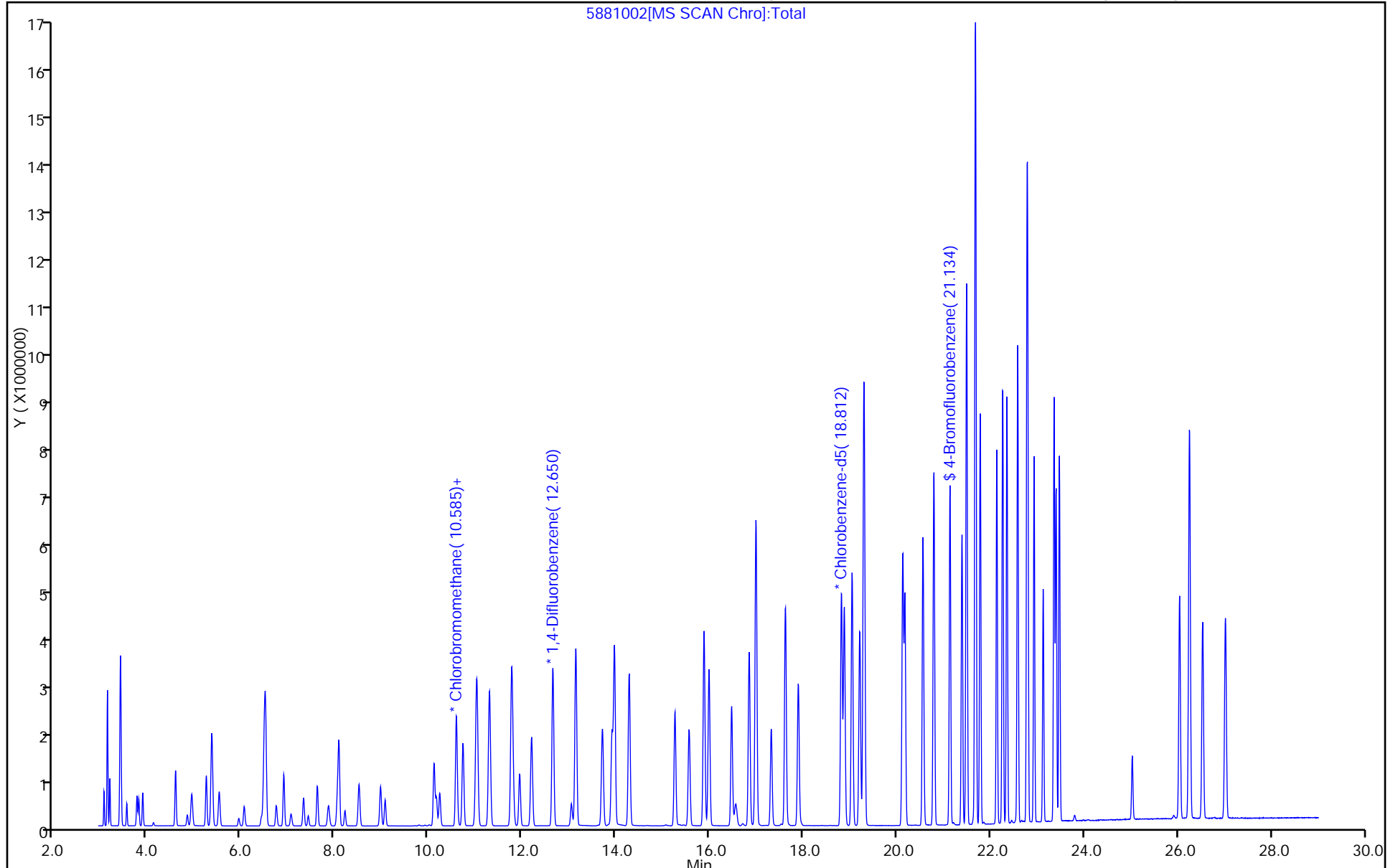
ALS Bottle#: 1

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



TestAmerica Burlington
Target Compound Quantitation Report

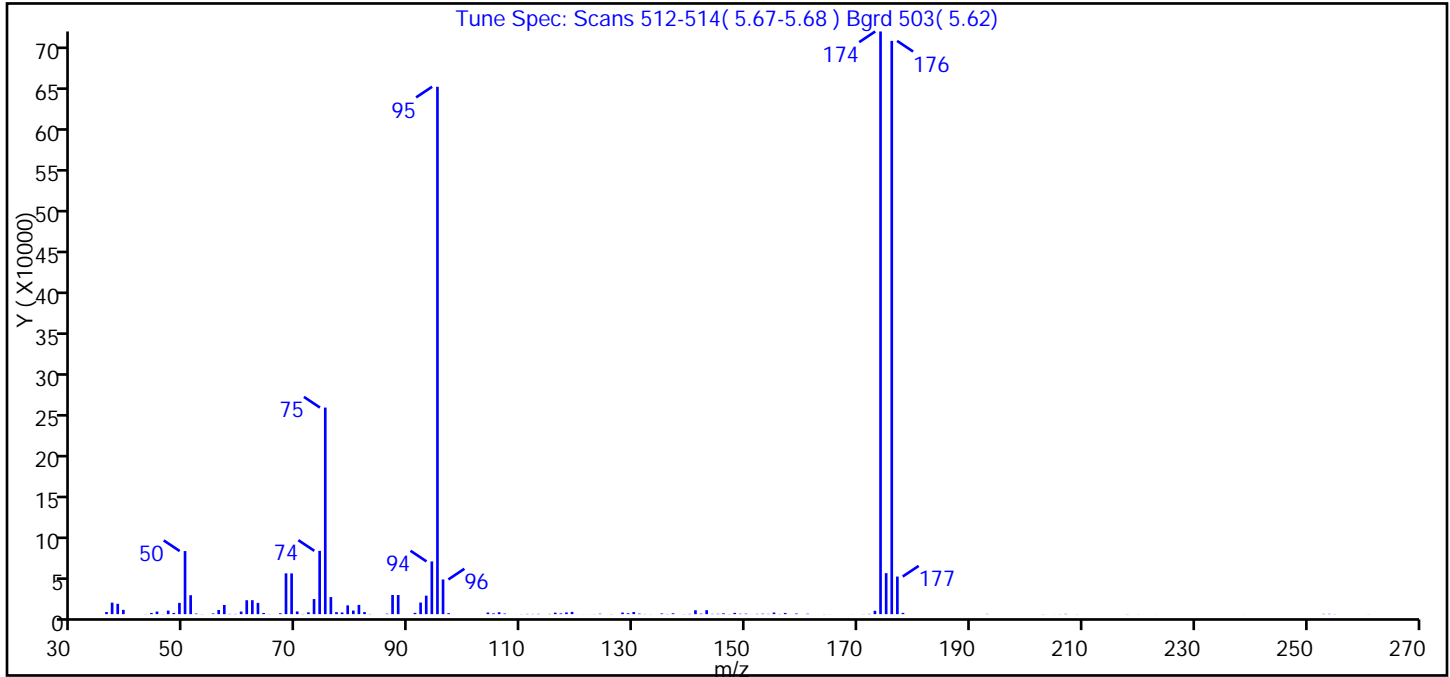
Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin01.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 10-Jan-2014 09:12:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005633-001
 Misc. Info.: BFB =BFB
 Operator ID: pad Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 14-Jan-2014 10:37:40 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK012

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
18 BFB								
* 43 Chlorobromomethane	128	10.595						
* 54 1,4-Difluorobenzene	114	12.666						
* 76 Chlorobenzene-d5	117	18.829						
\$ 87 4-Bromofluorobenzene	95	21.140						

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin01.D
 Injection Date: 10-Jan-2014 09:12:30 Instrument ID: CHG.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: pad ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

18 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	12.00
75	30.00 - 66.00% of mass 95	39.20
96	5.00 - 9.00% of mass 95	6.60
173	Less than 2.00% of mass 174	0.60 (0.60)
174	50.00 - 120.00% of mass 95	110.50
175	4.00 - 9.00% of mass 174	7.80 (7.00)
176	93.00 - 101.00% of mass 174	108.70 (98.40)
177	5.00 - 9.00% of mass 176	7.10 (6.60)

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin01.D\TO15_LLNJ_TO3_G.rslt\spectra.d
Injection Date: 10-Jan-2014 09:12:30
Spectrum: Tune Spec: Scans 512-514(5.67-5.68) Bgrd 503(5.62)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 132

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2612	73.00	18592	117.00	941	154.00	332
37.00	14183	74.00	78000	118.00	2111	155.00	1984
38.00	12716	75.00	254528	119.00	2746	156.00	226
39.00	5316	76.00	21024	120.00	86	157.00	1494
43.00	180	77.00	2475	121.00	53	158.00	69
44.00	1399	78.00	2050	122.00	59	159.00	786
45.00	3153	79.00	10784	123.00	122	161.00	520
46.00	122	80.00	4426	124.00	507	164.00	166
47.00	4363	81.00	11382	126.00	193	165.00	73
48.00	1513	82.00	2544	128.00	1964	169.00	70
49.00	13868	83.00	245	129.00	1121	171.00	139
50.00	77712	86.00	569	130.00	2638	172.00	363
51.00	23328	87.00	23576	131.00	641	173.00	4140
52.00	723	88.00	23552	132.00	207	174.00	717888
53.00	160	91.00	1583	133.00	112	175.00	50496
55.00	820	92.00	14282	135.00	872	176.00	706304
56.00	5145	93.00	22776	136.00	217	177.00	46328
57.00	11311	94.00	64960	137.00	1075	178.00	1552
58.00	308	95.00	649792	139.00	148	179.00	17
59.00	249	96.00	42744	140.00	358	193.00	280
60.00	3190	97.00	1207	141.00	4777	203.00	153
61.00	17128	98.00	61	142.00	602	205.00	56
62.00	17192	104.00	2006	143.00	4849	206.00	126
63.00	13866	105.00	971	144.00	338	207.00	351
64.00	1455	106.00	2322	145.00	462	209.00	124
65.00	144	107.00	743	146.00	990	218.00	172
66.00	5	109.00	62	147.00	180	220.00	77
67.00	1070	110.00	159	148.00	1574	223.00	67
68.00	50264	111.00	327	149.00	507	239.00	60
69.00	50192	112.00	243	150.00	580	253.00	330
70.00	3291	113.00	367	151.00	51	254.00	370
71.00	234	115.00	309	152.00	372	255.00	164
72.00	2221	116.00	1841	153.00	545	261.00	105

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2612	73.00	18592	117.00	941	154.00	332
37.00	14183	74.00	78000	118.00	2111	155.00	1984
38.00	12716	75.00	254528	119.00	2746	156.00	226
39.00	5316	76.00	21024	120.00	86	157.00	1494
43.00	180	77.00	2475	121.00	53	158.00	69
44.00	1399	78.00	2050	122.00	59	159.00	786
45.00	3153	79.00	10784	123.00	122	161.00	520
46.00	122	80.00	4426	124.00	507	164.00	166
47.00	4363	81.00	11382	126.00	193	165.00	73
48.00	1513	82.00	2544	128.00	1964	169.00	70
49.00	13868	83.00	245	129.00	1121	171.00	139
50.00	77712	86.00	569	130.00	2638	172.00	363
51.00	23328	87.00	23576	131.00	641	173.00	4140
52.00	723	88.00	23552	132.00	207	174.00	717888
53.00	160	91.00	1583	133.00	112	175.00	50496
55.00	820	92.00	14282	135.00	872	176.00	706304
56.00	5145	93.00	22776	136.00	217	177.00	46328
57.00	11311	94.00	64960	137.00	1075	178.00	1552
58.00	308	95.00	649792	139.00	148	179.00	17
59.00	249	96.00	42744	140.00	358	193.00	280
60.00	3190	97.00	1207	141.00	4777	203.00	153
61.00	17128	98.00	61	142.00	602	205.00	56
62.00	17192	104.00	2006	143.00	4849	206.00	126
63.00	13866	105.00	971	144.00	338	207.00	351
64.00	1455	106.00	2322	145.00	462	209.00	124
65.00	144	107.00	743	146.00	990	218.00	172
66.00	5	109.00	62	147.00	180	220.00	77
67.00	1070	110.00	159	148.00	1574	223.00	67
68.00	50264	111.00	327	149.00	507	239.00	60
69.00	50192	112.00	243	150.00	580	253.00	330
70.00	3291	113.00	367	151.00	51	254.00	370
71.00	234	115.00	309	152.00	372	255.00	164
72.00	2221	116.00	1841	153.00	545	261.00	105

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881001.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 28-Jan-2014 09:48:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005881-001
 Misc. Info.: bfb
 Operator ID: wrd Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Jan-2014 10:00:37 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK011

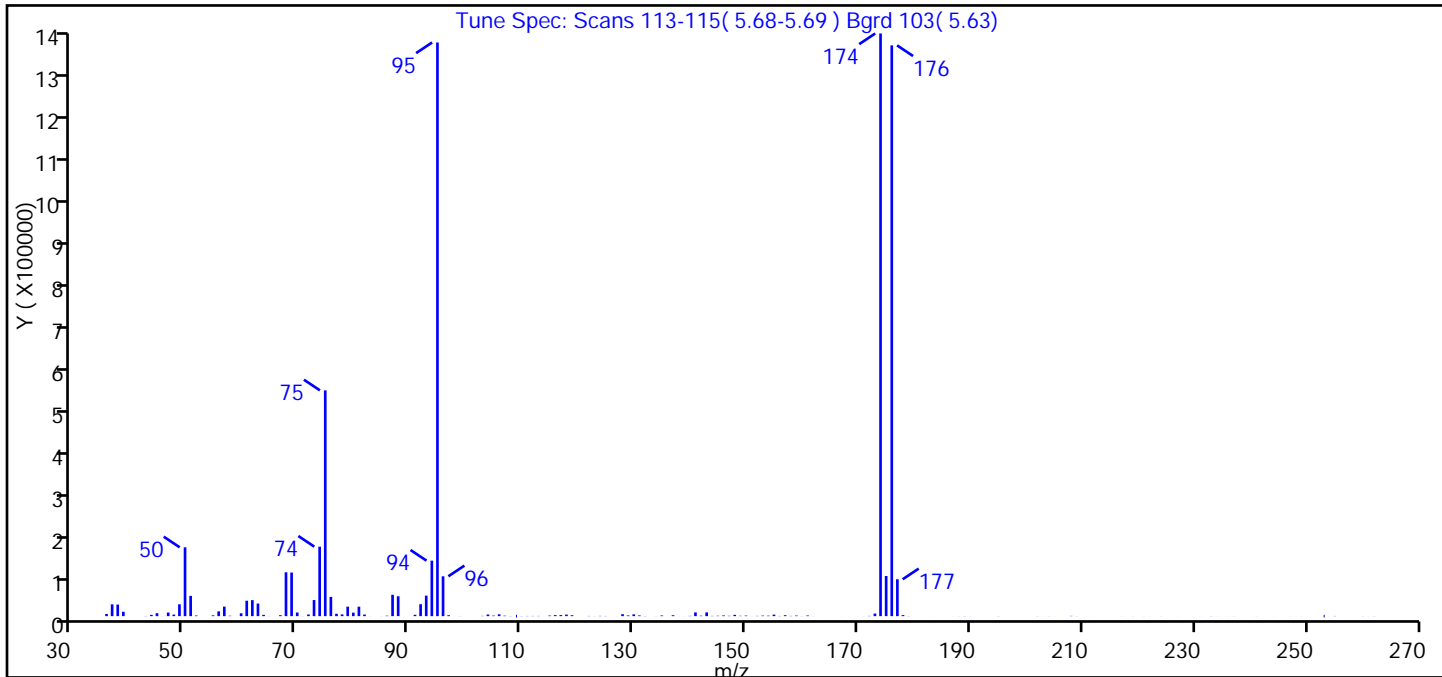
First Level Reviewer: desjardinsb Date: 28-Jan-2014 10:00:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
18 BFB								
* 43 Chlorobromomethane		128	10.585					
* 54 1,4-Difluorobenzene		114	12.650					
* 76 Chlorobenzene-d5		117	18.818					
\$ 87 4-Bromofluorobenzene		95	21.134					

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881001.D
 Injection Date: 28-Jan-2014 09:48:30 Instrument ID: CHG.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: wrd ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

18 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	12.00
75	30.00 - 66.00% of mass 95	39.40
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.50 (0.40)
174	50.00 - 120.00% of mass 95	101.60
175	4.00 - 9.00% of mass 174	7.00 (6.90)
176	93.00 - 101.00% of mass 174	99.50 (98.00)
177	5.00 - 9.00% of mass 176	6.40 (6.50)

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881001.D\TO15_LLNJ_TO3_G.rslt\spectra.d
Injection Date: 28-Jan-2014 09:48:30
Spectrum: Tune Spec: Scans 113-115(5.68-5.69) Bgrd 103(5.63)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 162

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4992	85.00	116	132.00	378	178.00	2365
37.00	26864	86.00	1008	134.00	160	179.00	280
38.00	26352	87.00	48672	135.00	1561	181.00	43
39.00	9977	88.00	45320	136.00	23	183.00	59
43.00	302	89.00	40	137.00	2046	187.00	79
44.00	2863	91.00	3104	138.00	81	188.00	153
45.00	6765	92.00	27264	139.00	86	189.00	281
46.00	113	93.00	46744	140.00	593	190.00	137
47.00	8228	94.00	126488	141.00	8498	195.00	224
48.00	3609	95.00	1307648	142.00	1054	202.00	192
49.00	27024	96.00	90824	143.00	8607	203.00	48
50.00	156864	97.00	2129	144.00	551	204.00	169
51.00	46200	98.00	23	145.00	874	205.00	74
52.00	1480	99.00	202	146.00	1639	208.00	599
55.00	1797	101.00	48	147.00	764	209.00	193
56.00	10891	103.00	618	148.00	2932	212.00	59
57.00	21704	104.00	3710	149.00	784	216.00	20
58.00	904	105.00	1295	150.00	1290	217.00	113
60.00	6475	106.00	4159	151.00	140	219.00	120
61.00	35120	107.00	1054	152.00	576	221.00	128
62.00	36512	108.00	260	153.00	1255	222.00	68
63.00	28688	109.00	3	154.00	1103	224.00	117
64.00	2938	110.00	331	155.00	3487	227.00	63
65.00	139	111.00	421	156.00	471	231.00	82
67.00	2144	112.00	461	157.00	2108	233.00	244
68.00	100000	113.00	493	158.00	525	234.00	83
69.00	99352	114.00	62	159.00	1318	236.00	68
70.00	8273	115.00	1340	160.00	227	237.00	161
71.00	165	116.00	2391	161.00	1442	241.00	112
72.00	3795	117.00	2429	162.00	149	244.00	50
73.00	36712	118.00	3591	163.00	30	247.00	107
74.00	158336	119.00	2102	165.00	8	248.00	71
75.00	514624	122.00	472	167.00	50	249.00	129

Report Date: 28-Jan-2014 10:00:38

Chrom Revision: 2.1 15-Jan-2014 14:06:26

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881001.D\TO15_LLNJ_TO3_G.rslt\spectra.d

Injection Date: 28-Jan-2014 09:48:30

Spectrum: Tune Spec: Scans 113-115(5.68-5.69) Bgrd 103(5.63)

Base Peak: 174.00

Minimum % Base Peak: 0

Number of Points: 162

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	43880	123.00	198	170.00	60	253.00	1
77.00	5358	124.00	588	171.00	80	254.00	58
78.00	3968	125.00	410	172.00	524	255.00	412
79.00	21624	127.00	103	173.00	5930	260.00	160
80.00	7945	128.00	4454	174.00	1328128	261.00	74
81.00	21592	129.00	1597	175.00	91480	262.00	206
82.00	3638	130.00	4098	176.00	1300992		
83.00	139	131.00	1629	177.00	84056		

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67709/4
 Matrix: Air Lab File ID: 5881004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/28/2014 12:13
 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.: 67709 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	ND		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	ND		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.50	0.50
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	ND		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	ND		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	ND		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.20	0.20
106-99-0	1,3-Butadiene	54.09	ND		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.20	0.20
123-91-1	1,4-Dioxane	88.11	ND		5.0	5.0
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	ND		0.20	0.20
107-05-1	3-Chloropropene	76.53	ND		0.50	0.50
622-96-8	4-Ethyltoluene	120.20	ND		0.20	0.20
67-64-1	Acetone	58.08	ND		5.0	5.0
71-43-2	Benzene	78.11	ND		0.20	0.20
75-27-4	Bromodichloromethane	163.83	ND		0.20	0.20
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.20	0.20
75-25-2	Bromoform	252.75	ND		0.20	0.20
74-83-9	Bromomethane	94.94	ND		0.20	0.20
75-15-0	Carbon disulfide	76.14	ND		0.50	0.50
56-23-5	Carbon tetrachloride	153.81	ND		0.20	0.20
108-90-7	Chlorobenzene	112.56	ND		0.20	0.20
75-00-3	Chloroethane	64.52	ND		0.50	0.50
67-66-3	Chloroform	119.38	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67709/4
 Matrix: Air Lab File ID: 5881004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/28/2014 12:13
 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.: 67709 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
74-87-3	Chloromethane	50.49	ND		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.20	0.20
110-82-7	Cyclohexane	84.16	ND		0.20	0.20
124-48-1	Dibromochloromethane	208.29	ND		0.20	0.20
75-71-8	Dichlorodifluoromethane	120.91	ND		0.50	0.50
100-41-4	Ethylbenzene	106.17	ND		0.20	0.20
76-13-1	Freon TF	187.38	ND		0.20	0.20
87-68-3	Hexachlorobutadiene	260.76	ND		0.20	0.20
67-63-0	Isopropyl alcohol	60.10	ND		5.0	5.0
179601-23-1	m,p-Xylene	106.17	ND		0.50	0.50
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		0.50	0.50
78-93-3	Methyl Ethyl Ketone	72.11	ND		0.50	0.50
108-10-1	methyl isobutyl ketone	100.16	ND		0.50	0.50
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.20	0.20
75-09-2	Methylene Chloride	84.93	ND		0.50	0.50
142-82-5	n-Heptane	100.21	ND		0.20	0.20
110-54-3	n-Hexane	86.17	ND		0.20	0.20
100-42-5	Styrene	104.15	ND		0.20	0.20
75-65-0	tert-Butyl alcohol	74.12	ND		5.0	5.0
127-18-4	Tetrachloroethene	165.83	ND		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	ND		5.0	5.0
108-88-3	Toluene	92.14	ND		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.20	0.20
79-01-6	Trichloroethene	131.39	ND		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	ND		0.20	0.20
75-01-4	Vinyl chloride	62.50	ND		0.20	0.20
1330-20-7	Xylene (total)	106.17	ND		0.20	0.20
95-47-6	Xylene, o-	106.17	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67709/4
 Matrix: Air Lab File ID: 5881004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/28/2014 12:13
 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.: 67709 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	133.41	ND		1.1	1.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		1.4	1.4
79-00-5	1,1,2-Trichloroethane	133.41	ND		1.1	1.1
75-34-3	1,1-Dichloroethane	98.96	ND		0.81	0.81
75-35-4	1,1-Dichloroethene	96.94	ND		0.79	0.79
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		3.7	3.7
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.98	0.98
106-93-4	1,2-Dibromoethane	187.87	ND		1.5	1.5
95-50-1	1,2-Dichlorobenzene	147.00	ND		1.2	1.2
107-06-2	1,2-Dichloroethane	98.96	ND		0.81	0.81
540-59-0	1,2-Dichloroethene, Total	96.94	ND		0.79	0.79
78-87-5	1,2-Dichloropropane	112.99	ND		0.92	0.92
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		1.4	1.4
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.98	0.98
106-99-0	1,3-Butadiene	54.09	ND		0.44	0.44
541-73-1	1,3-Dichlorobenzene	147.00	ND		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	ND		1.2	1.2
123-91-1	1,4-Dioxane	88.11	ND		18	18
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	0.93
95-49-8	2-Chlorotoluene	126.59	ND		1.0	1.0
107-05-1	3-Chloropropene	76.53	ND		1.6	1.6
622-96-8	4-Ethyltoluene	120.20	ND		0.98	0.98
67-64-1	Acetone	58.08	ND		12	12
71-43-2	Benzene	78.11	ND		0.64	0.64
75-27-4	Bromodichloromethane	163.83	ND		1.3	1.3
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.87	0.87
75-25-2	Bromoform	252.75	ND		2.1	2.1
74-83-9	Bromomethane	94.94	ND		0.78	0.78
75-15-0	Carbon disulfide	76.14	ND		1.6	1.6
56-23-5	Carbon tetrachloride	153.81	ND		1.3	1.3
108-90-7	Chlorobenzene	112.56	ND		0.92	0.92
75-00-3	Chloroethane	64.52	ND		1.3	1.3
67-66-3	Chloroform	119.38	ND		0.98	0.98

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67709/4
 Matrix: Air Lab File ID: 5881004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/28/2014 12:13
 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.: 67709 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
74-87-3	Chloromethane	50.49	ND		1.0	1.0
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.79	0.79
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.91	0.91
110-82-7	Cyclohexane	84.16	ND		0.69	0.69
124-48-1	Dibromochloromethane	208.29	ND		1.7	1.7
75-71-8	Dichlorodifluoromethane	120.91	ND		2.5	2.5
100-41-4	Ethylbenzene	106.17	ND		0.87	0.87
76-13-1	Freon TF	187.38	ND		1.5	1.5
87-68-3	Hexachlorobutadiene	260.76	ND		2.1	2.1
67-63-0	Isopropyl alcohol	60.10	ND		12	12
179601-23-1	m,p-Xylene	106.17	ND		2.2	2.2
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		2.0	2.0
78-93-3	Methyl Ethyl Ketone	72.11	ND		1.5	1.5
108-10-1	methyl isobutyl ketone	100.16	ND		2.0	2.0
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.72	0.72
75-09-2	Methylene Chloride	84.93	ND		1.7	1.7
142-82-5	n-Heptane	100.21	ND		0.82	0.82
110-54-3	n-Hexane	86.17	ND		0.70	0.70
100-42-5	Styrene	104.15	ND		0.85	0.85
75-65-0	tert-Butyl alcohol	74.12	ND		15	15
127-18-4	Tetrachloroethene	165.83	ND		1.4	1.4
109-99-9	Tetrahydrofuran	72.11	ND		15	15
108-88-3	Toluene	92.14	ND		0.75	0.75
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.79	0.79
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.91	0.91
79-01-6	Trichloroethene	131.39	ND		1.1	1.1
75-69-4	Trichlorofluoromethane	137.37	ND		1.1	1.1
75-01-4	Vinyl chloride	62.50	ND		0.51	0.51
1330-20-7	Xylene (total)	106.17	ND		0.87	0.87
95-47-6	Xylene, o-	106.17	ND		0.87	0.87

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881004.D
 Lims ID: MB Lab Sample ID: MB 200-67709/4-A
 Client ID:
 Sample Type: MB
 Inject. Date: 28-Jan-2014 12:13:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005881-004
 Misc. Info.: mb
 Operator ID: wrd Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Jan-2014 14:46:36 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK006

First Level Reviewer: desjardinsb

Date: 28-Jan-2014 17:14:20

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		3.058					
2 Dichlorodifluoromethane	85		3.132					
3 Difluoroethane TIC	51		3.150					
4 Chlorotrifluoroethene TIC	116		3.162					
5 Freon 115 TIC	85		3.180					
6 Chlorodifluoromethane	51		3.186					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.411					
8 Chloromethane	50		3.544					
9 Butane	43		3.764					
10 Vinyl chloride	62		3.801					
11 Butadiene	54		3.887					
12 Bromomethane	94		4.588					
13 Chloroethane	64		4.839					
14 2-Methylbutane	43		4.935					
15 Vinyl bromide	106		5.246					
16 Trichlorofluoromethane	101		5.363					
17 Pentane	43		5.518					
19 Ethanol	45		5.936					
20 1,1,1-Trifluoro-2,2-dichloroetha	83		6.000					
21 Ethyl ether	59		6.053					
22 Acrolein	56		6.423					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.492					
24 1,1-Dichloroethene	96		6.513					
25 Acetone	43		6.738					
26 Carbon disulfide	76		6.899					
27 Isopropyl alcohol	45		7.054					
28 Methyl Acetate TIC	43		7.200					
29 3-Chloro-1-propene	41		7.321					
30 Acetonitrile	41		7.423					
31 Methylene Chloride	49		7.616					
32 2-Methyl-2-propanol	59		7.856					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	33			73		8.060	
	34			61		8.081	
	35			53		8.209	
	36			57		8.509	
	37			63		8.969	
	38			43		9.065	
	39			96		10.108	
	40			72		10.162	
S	41			61		10.200	
	42			88		10.232	
*	43			128	10.585	10.585	-0.001 67 846681 10.0
	44			42		10.595	
	45			83		10.729	
	46			84		11.013	
	47			97		11.029	
	48			117		11.291	
	49			55		11.500	
	50			78		11.767	
	51			57		11.783	
	52			62		11.938	
	53			43		12.195	
*	54			114	12.649	12.650	-0.001 91 4977704 10.0
	55			56		13.045	
	56			95		13.136	
A	57			1	13.310	4.925 - 21.695	0 1483459 0
	58			63		13.709	
	59			69		13.912	
	60			88		13.944	
	61			174		13.966	
	62			83		14.281	
A	63			1	15.038	3.048 - 27.029	0 1637743 5.52
	64			75		15.260	
	65			43		15.560	
	66			92		15.881	
A	67			1	15.881	15.841 - 15.921	0 12210 NC
	68			43		15.988	
A	69			1	16.031	15.938 - 16.038	0 2945 NC
	70			75		16.469	
	71			83		16.844	
	72			166		16.994	
	73			43		17.315	
	74			129		17.619	
	75			107		17.892	
*	76			117	18.812	18.812	0.0 81 4986186 10.0
	77			112		18.877	
	78			91		19.043	
	79			57		19.203	
	81			106		19.299	
	80			75	19.540	19.300	0.240 1 1113 NC
S	82			106		20.100	
	83			106		20.123	
	84			104		20.171	

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	85			173	20.556		
	86			105	20.792		
\$	87			95	21.134	21.134	0.0 97 2391651 NC
	88			83	21.391		
	89			75	21.487		
	90			91	21.493		
	91			105	21.675		
	92			91	21.675		
	93			57	21.685		
	94			105	21.782		
	95			118	22.135		
	96			119	22.263		
	97			105	22.349		
	98			105	22.579		
	99			119	22.777		
	100			146	22.798		
	101			146	22.937	22.932	0.005 81 10741 0.0304
	102			91	23.124		
	103			91	23.360		
	104			57	23.403		
	105			146	23.472		
	106			57	25.029		
	107			180	26.040		
	108			225	26.254		
	109			128	26.532		
	110			180	27.019		
	111			1	0.0		

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881004.D

Injection Date: 28-Jan-2014 12:13:30

Instrument ID: CHG.i

Operator ID: wrd

Lims ID: MB

Lab Sample ID: MB 200-67709/4-A

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

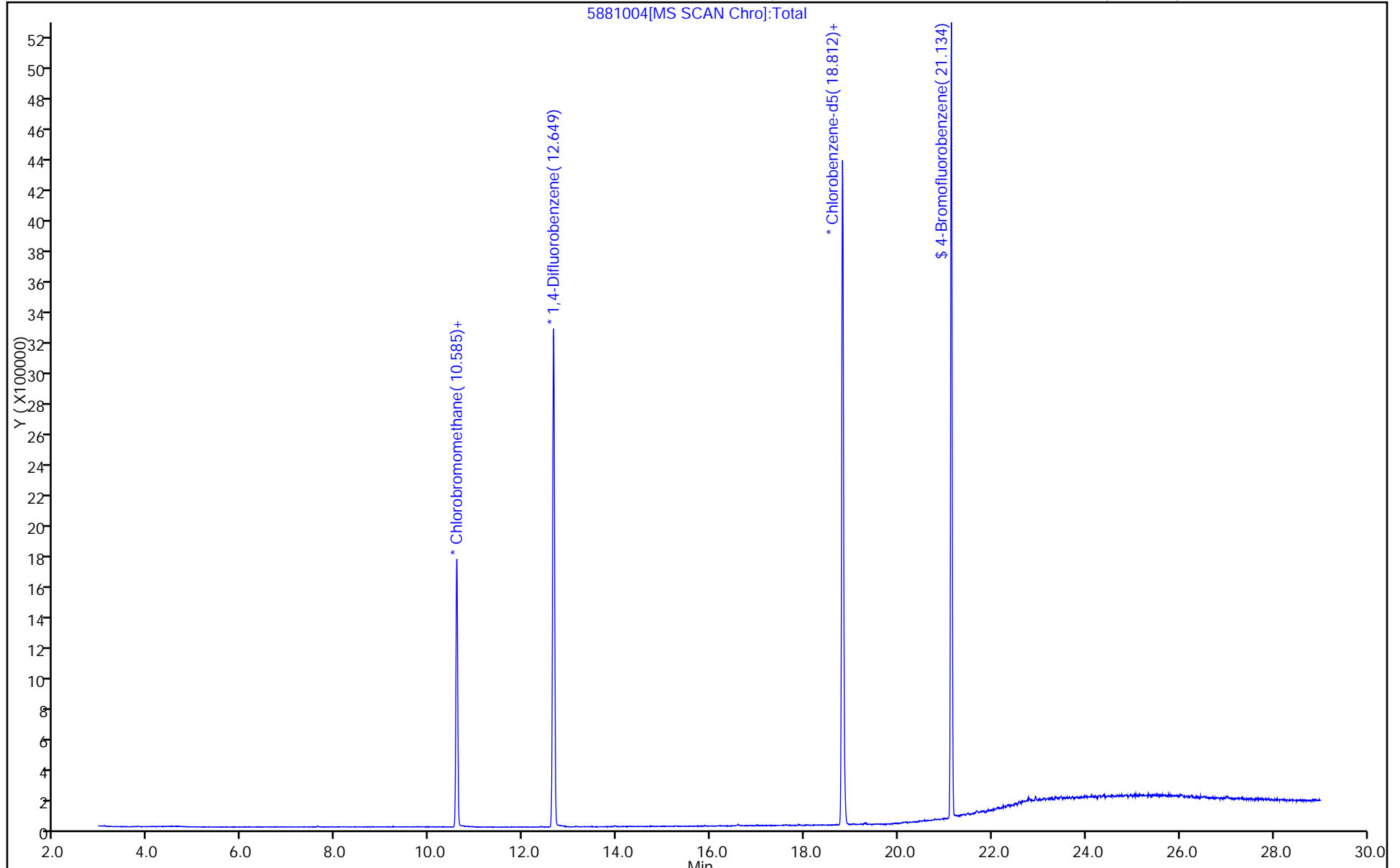
ALS Bottle#: 3

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.: 480-53849-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-67709/3
 Matrix: Air Lab File ID: 5881003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/28/2014 11:26
 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.: 67709 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	133.41	10.6		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.83		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	9.66		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	10.8		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	11.6		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	11.3		0.50	0.50
95-63-6	1,2,4-Trimethylbenzene	120.20	10.3		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	10.2		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	10.4		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	10.4		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	21.3		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	10.2		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	11.1		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	10.3		0.20	0.20
106-99-0	1,3-Butadiene	54.09	10.9		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	10.4		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	10.7		0.20	0.20
123-91-1	1,4-Dioxane	88.11	9.58		5.0	5.0
540-84-1	2,2,4-Trimethylpentane	114.23	10.1		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	10.5		0.20	0.20
107-05-1	3-Chloropropene	76.53	9.64		0.50	0.50
622-96-8	4-Ethyltoluene	120.20	10.6		0.20	0.20
67-64-1	Acetone	58.08	11.6		5.0	5.0
71-43-2	Benzene	78.11	10.3		0.20	0.20
75-27-4	Bromodichloromethane	163.83	11.3		0.20	0.20
593-60-2	Bromoethene (Vinyl Bromide)	106.96	11.2		0.20	0.20
75-25-2	Bromoform	252.75	11.7		0.20	0.20
74-83-9	Bromomethane	94.94	11.2		0.20	0.20
75-15-0	Carbon disulfide	76.14	9.80		0.50	0.50
56-23-5	Carbon tetrachloride	153.81	10.8		0.20	0.20
108-90-7	Chlorobenzene	112.56	9.96		0.20	0.20
75-00-3	Chloroethane	64.52	10.8		0.50	0.50
67-66-3	Chloroform	119.38	10.8		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-53849-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-67709/3
 Matrix: Air Lab File ID: 5881003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/28/2014 11:26
 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.: 67709 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
74-87-3	Chloromethane	50.49	10.1		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	10.8		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	10.6		0.20	0.20
110-82-7	Cyclohexane	84.16	10.2		0.20	0.20
124-48-1	Dibromochloromethane	208.29	11.1		0.20	0.20
75-71-8	Dichlorodifluoromethane	120.91	11.0		0.50	0.50
100-41-4	Ethylbenzene	106.17	10.2		0.20	0.20
76-13-1	Freon TF	187.38	11.8		0.20	0.20
87-68-3	Hexachlorobutadiene	260.76	12.7		0.20	0.20
67-63-0	Isopropyl alcohol	60.10	9.63		5.0	5.0
179601-23-1	m,p-Xylene	106.17	19.7		0.50	0.50
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.54		0.50	0.50
78-93-3	Methyl Ethyl Ketone	72.11	9.06		0.50	0.50
108-10-1	methyl isobutyl ketone	100.16	10.1		0.50	0.50
1634-04-4	Methyl tert-butyl ether	88.15	10.9		0.20	0.20
75-09-2	Methylene Chloride	84.93	10.7		0.50	0.50
142-82-5	n-Heptane	100.21	9.48		0.20	0.20
110-54-3	n-Hexane	86.17	10.6		0.20	0.20
100-42-5	Styrene	104.15	10.2		0.20	0.20
75-65-0	tert-Butyl alcohol	74.12	9.97		5.0	5.0
127-18-4	Tetrachloroethene	165.83	10.2		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	9.87		5.0	5.0
108-88-3	Toluene	92.14	9.55		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	10.5		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	10.9		0.20	0.20
79-01-6	Trichloroethene	131.39	10.6		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	11.2		0.20	0.20
75-01-4	Vinyl chloride	62.50	11.3		0.20	0.20
1330-20-7	Xylene (total)	106.17	29.7		0.20	0.20
95-47-6	Xylene, o-	106.17	9.96		0.20	0.20

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881003.D
 Lims ID: LCS Lab Sample ID: LCS 200-67709/3-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 28-Jan-2014 11:26:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005881-003
 Misc. Info.: lcs
 Operator ID: wrd Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Jan-2014 10:06:53 Calib Date: 10-Jan-2014 19:18:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140110-5680.b\gin14.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK006

First Level Reviewer: desjardinsb

Date: 28-Jan-2014 12:09:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.063	3.058	0.005	97	254689	9.65	
2 Dichlorodifluoromethane	85	3.132	3.132	0.0	99	2198986	11.0	
6 Chlorodifluoromethane	51	3.186	3.186	0.0	94	811687	10.5	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.411	3.411	0.0	93	2058119	11.1	
8 Chloromethane	50	3.550	3.544	0.006	99	390286	10.1	
9 Butane	43	3.764	3.764	0.0	97	526227	9.95	
10 Vinyl chloride	62	3.807	3.801	0.005	97	528494	11.3	
11 Butadiene	54	3.887	3.887	0.0	92	323359	10.9	
18 BFB								
12 Bromomethane	94	4.593	4.588	0.005	99	767055	11.2	
13 Chloroethane	64	4.844	4.839	0.005	100	213889	10.8	
14 2-Methylbutane	43	4.935	4.935	0.0	86	359523	9.65	
15 Vinyl bromide	106	5.246	5.246	0.0	97	874181	11.2	
16 Trichlorofluoromethane	101	5.363	5.363	0.0	98	2477147	11.2	
17 Pentane	43	5.524	5.518	0.006	93	586665	9.77	
19 Ethanol	45	5.941	5.936	0.005	96	207664	15.4	
21 Ethyl ether	59	6.059	6.053	0.006	95	286930	10.1	
22 Acrolein	56	6.423	6.423	-0.001	97	110638	7.59	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.492	6.492	0.0	93	1675418	11.8	
24 1,1-Dichloroethene	96	6.519	6.513	0.006	93	699884	11.6	
25 Acetone	43	6.743	6.738	0.005	86	633471	11.6	
26 Carbon disulfide	76	6.904	6.899	0.005	98	1857917	9.80	
27 Isopropyl alcohol	45	7.059	7.054	0.005	98	403847	9.63	
29 3-Chloro-1-propene	41	7.327	7.321	0.006	82	397567	9.64	
30 Acetonitrile	41	7.423	7.423	0.0	97	231201	9.98	
31 Methylene Chloride	49	7.621	7.616	0.005	80	511114	10.7	
32 2-Methyl-2-propanol	59	7.856	7.856	0.0	98	768111	9.97	
33 Methyl tert-butyl ether	73	8.060	8.060	0.0	94	1589726	10.9	
34 trans-1,2-Dichloroethene	61	8.081	8.081	0.0	87	763421	10.5	
35 Acrylonitrile	53	8.209	8.209	0.0	93	279829	10.4	
36 Hexane	57	8.514	8.509	0.005	90	623301	10.6	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
37	1,1-Dichloroethane	63	8.969	8.969	0.0	99	1030074	10.8
38	Vinyl acetate	43	9.065	9.065	0.0	99	981027	9.99
39	cis-1,2-Dichloroethene	96	10.114	10.108	0.006	92	893751	10.8
40	2-Butanone (MEK)	72	10.162	10.162	0.0	97	291594	9.06
S 41	1,2-Dichloroethene, Total	61				0		21.3
42	Ethyl acetate	88	10.231	10.232	-0.001	99	50890	10.9
* 43	Chlorobromomethane	128	10.590	10.585	0.005	68	842342	10.0
44	Tetrahydrofuran	42	10.601	10.595	0.006	82	478622	9.87
45	Chloroform	83	10.729	10.729	0.0	99	2006661	10.8
46	Cyclohexane	84	11.013	11.013	0.0	84	1002087	10.2
47	1,1,1-Trichloroethane	97	11.029	11.029	0.0	95	2374568	10.6
48	Carbon tetrachloride	117	11.296	11.291	0.005	97	3033759	10.8
50	Benzene	78	11.767	11.767	0.0	94	2641905	10.3
51	Isooctane	57	11.788	11.783	0.005	98	3184612	10.1
52	1,2-Dichloroethane	62	11.943	11.938	0.005	99	1327824	10.4
53	n-Heptane	43	12.195	12.195	0.0	85	1123690	9.48
* 54	1,4-Difluorobenzene	114	12.650	12.650	0.0	91	4953285	10.0
55	n-Butanol	56	13.051	13.045	0.006	86	370586	8.35
56	Trichloroethene	95	13.136	13.136	0.0	94	1865803	10.6
A 57	GRO	1	13.310	4.925 - 21.695		0	427250944	0
58	1,2-Dichloropropane	63	13.709	13.709	0.0	91	1239976	10.2
59	Methyl methacrylate	69	13.912	13.912	0.0	80	1169645	10.4
60	1,4-Dioxane	88	13.944	13.944	0.0	85	509417	9.58
61	Dibromomethane	174	13.966	13.966	0.0	93	2361084	11.4
62	Dichlorobromomethane	83	14.281	14.281	0.0	97	3339221	11.3
A 63	TVOC as Toluene	1	15.038	3.048 - 27.029		0	681665924	2309.9
64	cis-1,3-Dichloropropene	75	15.260	15.260	0.0	87	2181392	10.6
65	4-Methyl-2-pentanone (MIBK)	43	15.560	15.560	0.0	92	1999707	10.1
66	Toluene	92	15.881	15.881	0.0	93	3002702	9.55
68	n-Octane	43	15.988	15.988	0.0	85	2020156	9.91
70	trans-1,3-Dichloropropene	75	16.469	16.469	0.0	92	2236516	10.9
71	1,1,2-Trichloroethane	83	16.844	16.844	0.0	94	1474661	9.66
72	Tetrachloroethene	166	16.988	16.994	-0.006	97	3369019	10.2
73	2-Hexanone	43	17.315	17.315	-0.001	93	1905452	9.54
74	Chlorodibromomethane	129	17.619	17.619	0.0	97	4310196	11.1
75	Ethylene Dibromide	107	17.892	17.892	0.0	99	3178733	10.2
* 76	Chlorobenzene-d5	117	18.818	18.812	0.006	81	5276499	10.0
77	Chlorobenzene	112	18.877	18.877	0.0	98	4442852	9.96
78	Ethylbenzene	91	19.042	19.043	0.0	96	6443273	10.2
79	n-Nonane	57	19.208	19.203	0.005	82	2259532	9.70
81	m-Xylene & p-Xylene	106	19.299	19.299	0.0	99	5162246	19.7
S 82	Xylenes, Total	106				0		29.7
83	o-Xylene	106	20.128	20.123	0.005	95	2644664	9.96
84	Styrene	104	20.171	20.171	0.0	97	3812499	10.2
85	Bromoform	173	20.556	20.556	0.0	98	4362416	11.7
86	Isopropylbenzene	105	20.792	20.792	0.0	94	7608379	10.4
\$ 87	4-Bromofluorobenzene	95	21.134	21.134	0.0	97	3127529	NC
88	1,1,1,2-Tetrachloroethane	83	21.391	21.391	0.0	97	3631944	9.83
89	1,2,3-Trichloropropane	75	21.487	21.487	0.0	94	2485403	10.2
90	N-Propylbenzene	91	21.493	21.493	0.0	99	7948206	10.5
91	4-Ethyltoluene	105	21.675	21.675	-0.001	90	6684445	10.6
92	2-Chlorotoluene	91	21.675	21.675	-0.001	87	5321885	10.5

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	21.685	21.685	0.0	83	2284658	9.79
94	1,3,5-Trimethylbenzene		105	21.782	21.782	0.0	93	6266843	10.3
95	Alpha Methyl Styrene		118	22.135	22.135	0.0	90	3180814	10.6
96	tert-Butylbenzene		119	22.263	22.263	0.0	91	6449077	10.4
97	1,2,4-Trimethylbenzene		105	22.354	22.349	0.005	95	6038690	10.3
98	sec-Butylbenzene		105	22.584	22.579	0.005	99	9043612	10.5
99	4-Isopropyltoluene		119	22.777	22.777	0.0	95	7718257	10.7
100	1,3-Dichlorobenzene		146	22.798	22.798	0.0	98	4058758	10.4
101	1,4-Dichlorobenzene		146	22.932	22.932	0.0	97	4015755	10.7
102	Benzyl chloride		91	23.124	23.124	0.0	100	3371245	9.32
103	n-Butylbenzene		91	23.360	23.360	0.0	95	6176288	10.9
104	Undecane		57	23.402	23.403	0.0	90	2922345	10.8
105	1,2-Dichlorobenzene		146	23.472	23.472	0.0	99	4170593	10.4
106	Dodecane		57	25.029	25.029	0.0	92	834181	15.2
107	1,2,4-Trichlorobenzene		180	26.040	26.040	0.0	93	2309548	11.3
108	Hexachlorobutadiene		225	26.254	26.254	0.0	94	2781388	12.7
109	Naphthalene		128	26.532	26.532	0.0	99	5218373	12.2
110	1,2,3-Trichlorobenzene		180	27.019	27.019	0.0	96	2494882	14.8

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140128-5881.b\5881003.D

Injection Date: 28-Jan-2014 11:26:30

Instrument ID: CHG.i

Operator ID: wrd

Lims ID: LCS

Lab Sample ID: LCS 200-67709/3-A

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

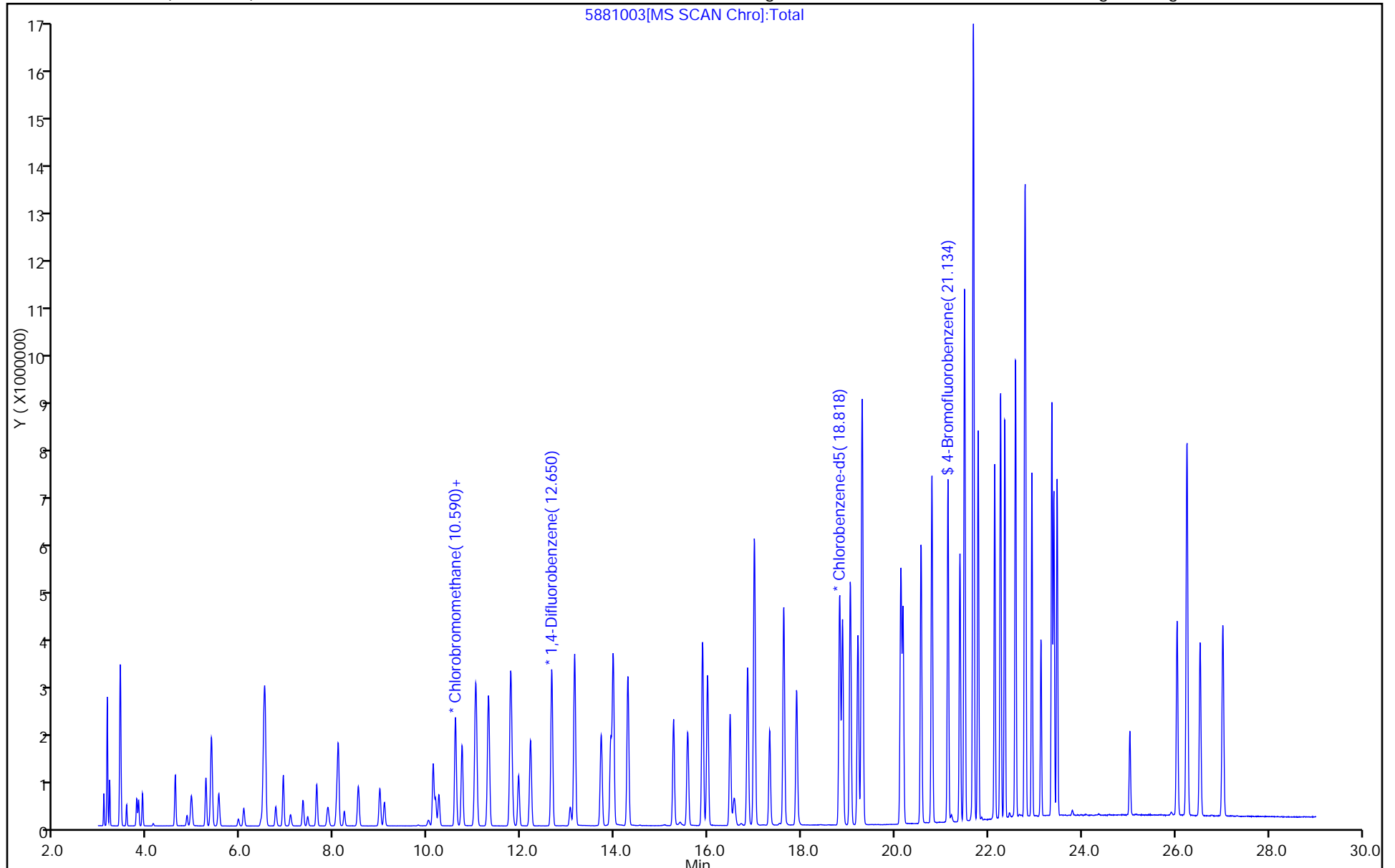
ALS Bottle#: 2

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.: 480-53849-1

SDG No.: _____

Instrument ID: CHG.i Start Date: 01/10/2014 09:12

Analysis Batch Number: 67034 End Date: 01/10/2014 20:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-67034/1		01/10/2014 09:12	1	gin01.D	RTX-624 0.32 (mm)
IC 200-67034/3		01/10/2014 10:43	1	gin03.D	RTX-624 0.32 (mm)
IC 200-67034/4		01/10/2014 11:30	1	gin04.D	RTX-624 0.32 (mm)
ZZZZZ		01/10/2014 12:17	1		RTX-624 0.32 (mm)
IC 200-67034/6		01/10/2014 13:04	1	gin06.D	RTX-624 0.32 (mm)
ICIS 200-67034/7		01/10/2014 13:50	1	gin07.D	RTX-624 0.32 (mm)
IC 200-67034/8		01/10/2014 14:37	1	gin08.D	RTX-624 0.32 (mm)
IC 200-67034/9		01/10/2014 15:24	1	gin09.D	RTX-624 0.32 (mm)
IC 200-67034/10		01/10/2014 16:11	1	gin10.D	RTX-624 0.32 (mm)
ZZZZZ		01/10/2014 16:58	1		RTX-624 0.32 (mm)
VIBLK 200-67034/12		01/10/2014 17:44	1		RTX-624 0.32 (mm)
ZZZZZ		01/10/2014 18:31	1		RTX-624 0.32 (mm)
IC 200-67034/14		01/10/2014 19:18	1	gin14.D	RTX-624 0.32 (mm)
ICV 200-67034/15		01/10/2014 20:05	1	gin15.D	RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 480-53849-1

SDG No.: _____

Instrument ID: CHG.i Start Date: 01/28/2014 09:48

Analysis Batch Number: 67709 End Date: 01/29/2014 08:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-67709/1		01/28/2014 09:48	1	5881001.D	RTX-624 0.32 (mm)
CCVIS 200-67709/2		01/28/2014 10:39	1	5881002.D	RTX-624 0.32 (mm)
LCS 200-67709/3		01/28/2014 11:26	1	5881003.D	RTX-624 0.32 (mm)
MB 200-67709/4		01/28/2014 12:13	1	5881004.D	RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 13:00	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 13:47	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 14:33	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 15:20	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 16:07	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 16:54	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 17:40	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 18:27	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 19:14	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 20:01	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 20:48	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 21:34	1.73		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 22:21	1		RTX-624 0.32 (mm)
ZZZZZ		01/28/2014 23:08	2.5		RTX-624 0.32 (mm)
480-53849-1	1Q14 AS	01/28/2014 23:55	1	5881019.D	RTX-624 0.32 (mm)
ZZZZZ		01/29/2014 00:53	0.2		RTX-624 0.32 (mm)
ZZZZZ		01/29/2014 01:50	0.2		RTX-624 0.32 (mm)
ZZZZZ		01/29/2014 02:48	0.2		RTX-624 0.32 (mm)
ZZZZZ		01/29/2014 03:45	0.2		RTX-624 0.32 (mm)
ZZZZZ		01/29/2014 04:43	0.2		RTX-624 0.32 (mm)
ZZZZZ		01/29/2014 05:40	0.2		RTX-624 0.32 (mm)
ZZZZZ		01/29/2014 06:38	0.2		RTX-624 0.32 (mm)
ZZZZZ		01/29/2014 07:25	10		RTX-624 0.32 (mm)
ZZZZZ		01/29/2014 08:12	200		RTX-624 0.32 (mm)
ZZZZZ		01/29/2014 08:59	1		RTX-624 0.32 (mm)



Loc: 200
20295
#2
A

200-20295-A-2

6080
 Location: Air Storage
 Bottle: Summa Canister 6L
 Sampled: 12/31/2013 12:00 AM 200-616433

Pre-Shipment Clean Canister Certification Report

Certification Type: Batch Individual

Canister Cleaning & Pre-Shipment Leak Test										
System ID		# Cycles		Cleaning Date		Technician		Canister Size		
Bottom		25		12/31/13		VS		6L 1L 3L		
Port	Can ID	Initial ¹ ("Hg)	Final ("Hg)	Adjusted Initial ² ("Hg)	Difference ³	Leak Test				
						Initial Reading	Final Reading			
1	3151	-30.0	-30.1	-29.9	0.2	Gauge ID: G11	Gauge ID: G11			
2	5060					Date: 1/2/14	Date: 1/3/14			
3	5165					Time: 9:50	Time: 16:30			
4	4813					Tech: MC	Tech: VS			
5	5135					BP: 30.0 ("Hg)	BP: 29.9 ("Hg)			
6	4817					Temp: 22 (°C)	Temp: 22 (°C)			
7	5077					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:				
8	4159									
9	4313									
10	4795									
11	3278									
12	3209					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: <input type="checkbox"/> TO15 Routine <input type="checkbox"/> TO15 LL <input type="checkbox"/> NJDEP-LL TO15				Inventory Level					Secondary Review	
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer
5060	01/03/14	BLFB	PAD		✓				1/3/14	Amu

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

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: blfb003.d
 Lab ID: LCS 200-66787/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	8.83	88	70-130	
Dichlorodifluoromethane	10.0	9.62	96	70-130	
Freon 22	10.0	9.39	94	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.58	96	70-130	
Chloromethane	10.0	9.28	93	70-130	
n-Butane	10.0	8.50	85	70-130	
Vinyl chloride	10.0	9.32	93	70-130	
1,3-Butadiene	10.0	9.79	98	70-130	
Bromomethane	10.0	9.15	92	70-130	
Chloroethane	10.0	9.24	92	70-130	
Bromoethene (Vinyl Bromide)	10.0	9.59	96	70-130	
Trichlorofluoromethane	10.0	9.64	96	70-130	
Ethanol	15.0	15.5	103	70-130	
Freon TF	10.0	10.5	105	70-130	
1,1-Dichloroethene	10.0	10.8	108	70-130	
Acetone	10.0	12.3	123	70-130	
Isopropyl alcohol	10.0	9.37	94	70-130	
Carbon disulfide	10.0	9.85	98	70-130	
3-Chloropropene	10.0	10.2	102	70-130	
Methylene Chloride	10.0	10.3	103	70-130	
tert-Butyl alcohol	10.0	8.94	89	70-130	
Methyl tert-butyl ether	10.0	9.97	100	70-130	
trans-1,2-Dichloroethene	10.0	10.0	100	70-130	
n-Hexane	10.0	9.75	97	70-130	
1,1-Dichloroethane	10.0	9.99	100	70-130	
Vinyl acetate	10.0	10.0	100	70-130	
Ethyl acetate	10.0	9.75	98	70-130	
Methyl Ethyl Ketone	10.0	9.33	93	70-130	
cis-1,2-Dichloroethene	10.0	10.1	101	70-130	
Chloroform	10.0	9.79	98	70-130	
Tetrahydrofuran	10.0	10.2	102	70-130	
1,1,1-Trichloroethane	10.0	9.76	98	70-130	
Cyclohexane	10.0	9.78	98	70-130	
Carbon tetrachloride	10.0	9.61	96	70-130	
2,2,4-Trimethylpentane	10.0	10.0	100	70-130	
Benzene	10.0	9.59	96	70-130	
1,2-Dichloroethane	10.0	10.1	101	70-130	
n-Heptane	10.0	9.91	99	70-130	
Trichloroethene	10.0	9.74	97	70-130	
Methyl methacrylate	10.0	9.80	98	70-130	
1,2-Dichloropropane	10.0	9.66	97	70-130	
1,4-Dioxane	10.0	8.43	84	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: blfb003.d
 Lab ID: LCS 200-66787/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.1	101	70-130	
cis-1,3-Dichloropropene	10.0	9.60	96	70-130	
methyl isobutyl ketone	10.0	10.1	101	70-130	
Toluene	10.0	9.46	95	70-130	
trans-1,3-Dichloropropene	10.0	9.75	98	70-130	
1,1,2-Trichloroethane	10.0	9.22	92	70-130	
Tetrachloroethene	10.0	9.14	91	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.93	99	70-130	
Dibromochloromethane	10.0	9.98	100	70-130	
1,2-Dibromoethane	10.0	9.30	93	70-130	
Chlorobenzene	10.0	9.28	93	70-130	
Ethylbenzene	10.0	9.64	96	70-130	
m,p-Xylene	20.0	18.9	95	70-130	
Xylene, o-	10.0	9.35	94	70-130	
Styrene	10.0	9.62	96	70-130	
Bromoform	10.0	9.85	99	70-130	
Cumene	10.0	9.64	96	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.23	92	70-130	
n-Propylbenzene	10.0	9.83	98	70-130	
4-Ethyltoluene	10.0	9.87	99	70-130	
1,3,5-Trimethylbenzene	10.0	9.53	95	70-130	
2-Chlorotoluene	10.0	9.84	98	70-130	
tert-Butylbenzene	10.0	9.61	96	70-130	
1,2,4-Trimethylbenzene	10.0	9.47	95	70-130	
sec-Butylbenzene	10.0	9.62	96	70-130	
4-Isopropyltoluene	10.0	9.84	98	70-130	
1,3-Dichlorobenzene	10.0	9.25	93	70-130	
1,4-Dichlorobenzene	10.0	9.41	94	70-130	
Benzyl chloride	10.0	10.2	102	70-130	
n-Butylbenzene	10.0	10.2	102	70-130	
1,2-Dichlorobenzene	10.0	9.10	91	70-130	
1,2,4-Trichlorobenzene	10.0	10.6	106	70-130	
Hexachlorobutadiene	10.0	8.77	88	70-130	
Naphthalene	10.0	13.4	134	70-130	*

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Lab File ID: blfb004.d Lab Sample ID: MB 200-66787/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: B.i Date Analyzed: 01/02/2014 12:40
 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 200-66787/3	blfb003.d	01/02/2014 11:47
5060	200-20295-2	blfb005.d	01/02/2014 13:39

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-66787/4
 Matrix: Air Lab File ID: blfb004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/02/2014 12:40
 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.: 66787 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.: 200-20295-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-66787/4
 Matrix: Air Lab File ID: blfb004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/02/2014 12:40
 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.: 66787 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.: 200-20295-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-66787/4
 Matrix: Air Lab File ID: blfb004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/02/2014 12:40
 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.: 66787 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

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/blfbto15.b/blfb004.d
 Lab Smp Id: mb
 Inj Date : 02-JAN-2014 12:40
 Operator : pad Inst ID: B.i
 Smp Info : mb
 Misc Info : 200,1, mb
 Comment :
 Method : /chem/B.i/Bsvr.p/blfbto15.b/to15v5.m
 Meth Date : 02-Jan-2014 11:21 pd Quant Type: ISTD
 Cal Date : 31-DEC-2013 01:33 Cal File: blf015.d
 Als bottle: 5 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allTO15.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41						
2 Dichlorodifluoromethane	85						
3 Chlorodifluoromethane	51						
4 1,2-Dichloro-1,1,2,2-tetraflu	85						
5 Chloromethane	50						
6 Butane	43						
7 Vinyl chloride	62						
8 1,3-Butadiene	54						
9 Bromomethane	94						
10 Chloroethane	64						
11 2-Methylbutane	43						
12 Vinyl bromide	106						
13 Trichlorofluoromethane	101						
14 Pentane	43						

Compounds	QUANT	SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
									ON-COLUMN	FINAL
	MASS								(ppb v/v)	(ppb v/v)
15 Ethanol	45									
16 Ethyl ether	59									
17 1,1,2-Trichloro-1,2,2-trifluo	101									
18 Acrolein	56									
19 1,1-Dichloroethene	96									
20 Acetone	43		6.778	6.762	(0.677)		6325	0.11730	0.12(a)	
21 Carbon disulfide	76									
22 Isopropanol	45									
23 Allyl chloride	41									
24 Acetonitrile	41									
25 Methylene chloride	49		7.563	7.563	(0.756)		2669	0.06733	0.067(a)	
26 Tert-butyl alcohol	59									
27 Methyl tert-butyl ether	73									
28 1,2-Dichloroethene (trans)	61									
29 Acrylonitrile	53									
30 n-Hexane	57									
31 1,1-Dichloroethane	63									
32 Vinyl acetate	43									
M 33 1,2-Dichloroethene,Total	61									
34 1,2-Dichloroethene (cis)	96									
35 Ethyl acetate	88									
36 Methyl Ethyl Ketone	72									
* 37 Bromochloromethane	128		10.007	10.012	(1.000)		324336	10.0000		
38 Tetrahydrofuran	42									
39 Chloroform	83									
40 Cyclohexane	84									
41 1,1,1-Trichloroethane	97									
42 Carbon tetrachloride	117									
43 2,2,4-Trimethylpentane	57									
44 Benzene	78									
45 1,2-Dichloroethane	62									
46 n-Heptane	43									
* 47 1,4-Difluorobenzene	114		11.405	11.411	(1.000)		1631935	10.0000		
48 n-Butanol	56									
49 Trichloroethene	95									
50 1,2-Dichloropropane	63									
51 Methyl methacrylate	69									
52 Dibromomethane	174									
53 1,4-Dioxane	88									
54 Bromodichloromethane	83									
55 1,3-Dichloropropene (cis)	75									
56 Methyl isobutyl ketone	43									
57 n-Octane	43									
58 Toluene	92									
59 1,3-Dichloropropene (trans)	75									
60 1,1,2-Trichloroethane	83									
61 Tetrachloroethene	166									

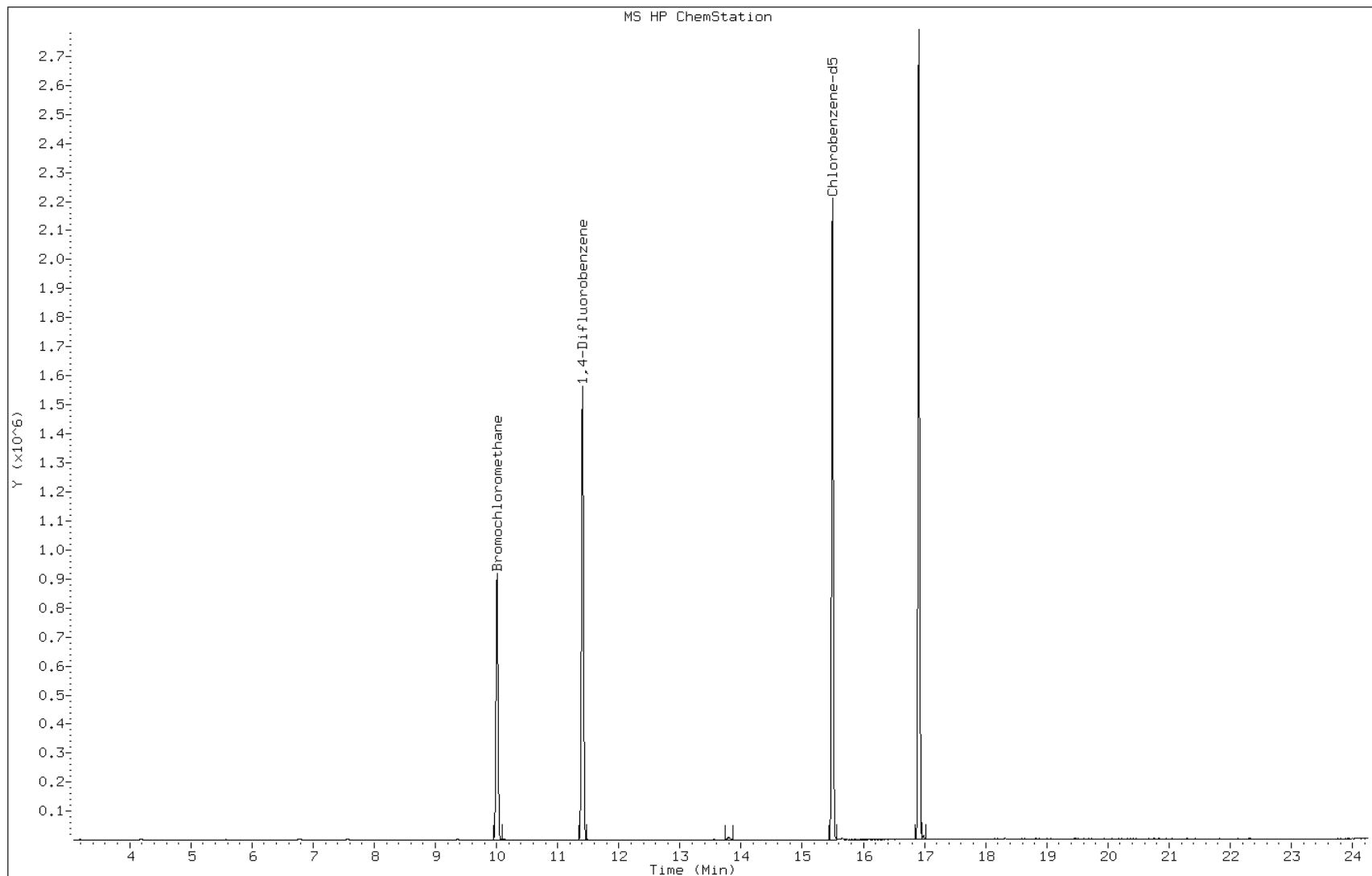
Compounds	QUANT	SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
									ON-COLUMN	FINAL
	MASS								(ppb v/v)	(ppb v/v)
62 2-Hexanone	43									
63 Dibromochloromethane	129									
64 1,2-Dibromoethane	107									
* 65 Chlorobenzene-d5	117		15.493	15.493	(1.000)		1462228		10.0000	
66 Chlorobenzene	112									
67 n-Nonane	57									
68 Ethylbenzene	91									
69 Xylene (m,p)	106									
M 70 Xylenes, Total	106									
71 Xylene (o)	106									
72 Styrene	104									
73 Bromoform	173									
74 Isopropylbenzene	105									
75 1,1,2,2-Tetrachloroethane	83									
76 n-Propylbenzene	91									
77 1,2,3-Trichloropropane	75									
78 n-Decane	57									
79 4-Ethyltoluene	105									
80 2-Chlorotoluene	91									
81 1,3,5-Trimethylbenzene	105									
82 Alpha Methyl Styrene	118									
83 tert-butylbenzene	119									
84 1,2,4-Trimethylbenzene	105									
85 sec-Butylbenzene	105									
86 4-Isopropyltoluene	119									
87 1,3-Dichlorobenzene	146									
88 1,4-Dichlorobenzene	146									
89 Benzyl chloride	91									
90 Undecane	57									
91 n-Butylbenzene	91									
92 1,2-Dichlorobenzene	146									
93 Dodecane	57									
94 1,2,4-Trichlorobenzene	180									
95 1,3-Hexachlorobutadiene	225									
96 Naphthalene	128									
97 1,2,3-Trichlorobenzene	180									

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: blfb004.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 02-JAN-2014 12:40
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Lab File ID: blf001.d BFB Injection Date: 12/30/2013
 Instrument ID: B.i BFB Injection Time: 13:20
 Analysis Batch No.: 66691

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	16.9	
75	30.0 - 66.0% of mass 95	46.0	
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	0.0	(0.0)1
174	50.0 - 120.0% of mass 95	85.4	
175	4.0 - 9.0 % of mass 174	6.0	(7.1)1
176	93.0 - 101.0% of mass 174	82.4	(96.4)1
177	5.0 - 9.0% of mass 176	5.5	(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
	IC 200-66691/3	blf003.d	12/30/2013	15:02
	IC 200-66691/4	blf004.d	12/30/2013	15:54
	IC 200-66691/6	blf006.d	12/30/2013	17:38
	ICIS 200-66691/7	blf007.d	12/30/2013	18:31
	IC 200-66691/8	blf008.d	12/30/2013	19:23
	IC 200-66691/9	blf009.d	12/30/2013	20:15
	IC 200-66691/10	blf010.d	12/30/2013	21:09
	IC 200-66691/15	blf015.d	12/31/2013	01:33
	ICV 200-66691/20	blf020.d	12/31/2013	09:48

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Lab File ID: blfb001.d BFB Injection Date: 01/02/2014
 Instrument ID: B.i BFB Injection Time: 10:10
 Analysis Batch No.: 66787

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.3	
75	30.0 - 66.0% of mass 95	46.2	
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	0.0	(0.0)1
174	50.0 - 120.0% of mass 95	85.1	
175	4.0 - 9.0 % of mass 174	6.1	(7.1)1
176	93.0 - 101.0% of mass 174	83.8	(98.4)1
177	5.0 - 9.0% of mass 176	5.3	(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
	CCVIS 200-66787/2	blfb002.d	01/02/2014	10:58
	LCS 200-66787/3	blfb003.d	01/02/2014	11:47
	MB 200-66787/4	blfb004.d	01/02/2014	12:40
5060	200-20295-2	blfb005.d	01/02/2014	13:39

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Sample No.: ICIS 200-66691/7 Date Analyzed: 12/30/2013 18:31
 Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): blf007.d Heated Purge: (Y/N) N
 Calibration ID: 24953

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	334346	10.01	1662597	11.41	1517475	15.49
UPPER LIMIT	468084	10.34	2327636	11.74	2124465	15.82
LOWER LIMIT	200608	9.68	997558	11.08	910485	15.16
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-66691/20		367235	10.01	1870342	11.41	1694639

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
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Sample No.: CCVIS 200-66787/2 Date Analyzed: 01/02/2014 10:58
 Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): blfb002.d Heated Purge: (Y/N) N
 Calibration ID: 24953

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	325362	10.01	1629508	11.41	1484610	15.49	
UPPER LIMIT	455507	10.34	2281311	11.74	2078454	15.82	
LOWER LIMIT	195217	9.68	977705	11.08	890766	15.16	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-66787/3	325049	10.01	1626094	11.41	1460653	15.49	
MB 200-66787/4	324336	10.01	1631935	11.41	1462228	15.49	
200-20295-2	5060	326544	10.01	1642527	11.41	1477414	15.49

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 I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Client Sample ID: 5060 Lab Sample ID: 200-20295-2
 Matrix: Air Lab File ID: blfb005.d
 Analysis Method: TO-15 Date Collected: 12/31/2013 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 01/02/2014 13:39
 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.: 66787 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.: 200-20295-1
 SDG No.: _____
 Client Sample ID: 5060 Lab Sample ID: 200-20295-2
 Matrix: Air Lab File ID: blfb005.d
 Analysis Method: TO-15 Date Collected: 12/31/2013 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 01/02/2014 13:39
 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.: 66787 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.: 200-20295-1
 SDG No.: _____
 Client Sample ID: 5060 Lab Sample ID: 200-20295-2
 Matrix: Air Lab File ID: blfb005.d
 Analysis Method: TO-15 Date Collected: 12/31/2013 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 01/02/2014 13:39
 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.: 66787 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-20295-2
 Client Smp ID: 5060
 Inj Date : 02-JAN-2014 13:39
 Operator : pad Inst ID: B.i
 Smp Info : 200-20295-A-2
 Misc Info : 1000,0.2, ALL74+mn
 Comment :
 Method : /chem/B.i/Bsvr.p/blfbto15.b/to15v5.m
 Meth Date : 02-Jan-2014 11:21 pd Quant Type: ISTD
 Cal Date : 31-DEC-2013 01:33 Cal File: blf015.d
 Als bottle: 2
 Dil Factor: 0.20000
 Integrator: HP RTE Compound Sublist: all74+MN.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41							
2 Dichlorodifluoromethane	85							
3 Chlorodifluoromethane	51							
4 1,2-Dichloro-1,1,2,2-tetraflu	85							
5 Chloromethane	50							
6 Butane	43							
7 Vinyl chloride	62							
8 1,3-Butadiene	54							
9 Bromomethane	94							
10 Chloroethane	64							
12 Vinyl bromide	106							
13 Trichlorofluoromethane	101							
15 Ethanol	45							
17 1,1,2-Trichloro-1,2,2-trifluo	101							

Compounds	QUANT	SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
									ON-COLUMN	FINAL
	MASS								(ppb v/v)	(ppb v/v)
19 1,1-Dichloroethene	96									
20 Acetone	43		6.784	6.762	(0.678)			6543	0.12053	0.024(a)
21 Carbon disulfide	76									
22 Isopropanol	45									
23 Allyl chloride	41									
25 Methylene chloride	49		7.568	7.563	(0.756)			2406	0.06029	0.012(a)
26 Tert-butyl alcohol	59									
27 Methyl tert-butyl ether	73									
28 1,2-Dichloroethene (trans)	61									
30 n-Hexane	57									
31 1,1-Dichloroethane	63									
32 Vinyl acetate	43									
M 33 1,2-Dichloroethene,Total	61									
34 1,2-Dichloroethene (cis)	96									
35 Ethyl acetate	88									
36 Methyl Ethyl Ketone	72									
* 37 Bromochloromethane	128		10.007	10.012	(1.000)			326544	10.0000	
38 Tetrahydrofuran	42									
39 Chloroform	83									
40 Cyclohexane	84									
41 1,1,1-Trichloroethane	97									
42 Carbon tetrachloride	117									
43 2,2,4-Trimethylpentane	57									
44 Benzene	78									
45 1,2-Dichloroethane	62									
46 n-Heptane	43									
* 47 1,4-Difluorobenzene	114		11.405	11.411	(1.000)			1642527	10.0000	
49 Trichloroethene	95									
50 1,2-Dichloropropane	63									
51 Methyl methacrylate	69									
53 1,4-Dioxane	88									
54 Bromodichloromethane	83									
55 1,3-Dichloropropene (cis)	75									
56 Methyl isobutyl ketone	43									
58 Toluene	92									
59 1,3-Dichloropropene (trans)	75									
60 1,1,2-Trichloroethane	83									
61 Tetrachloroethene	166									
62 2-Hexanone	43									
63 Dibromochloromethane	129									
64 1,2-Dibromoethane	107									
* 65 Chlorobenzene-d5	117		15.493	15.493	(1.000)			1477414	10.0000	
66 Chlorobenzene	112									
68 Ethylbenzene	91									
69 Xylene (m,p)	106									
M 70 Xylenes, Total	106									
71 Xylene (o)	106									

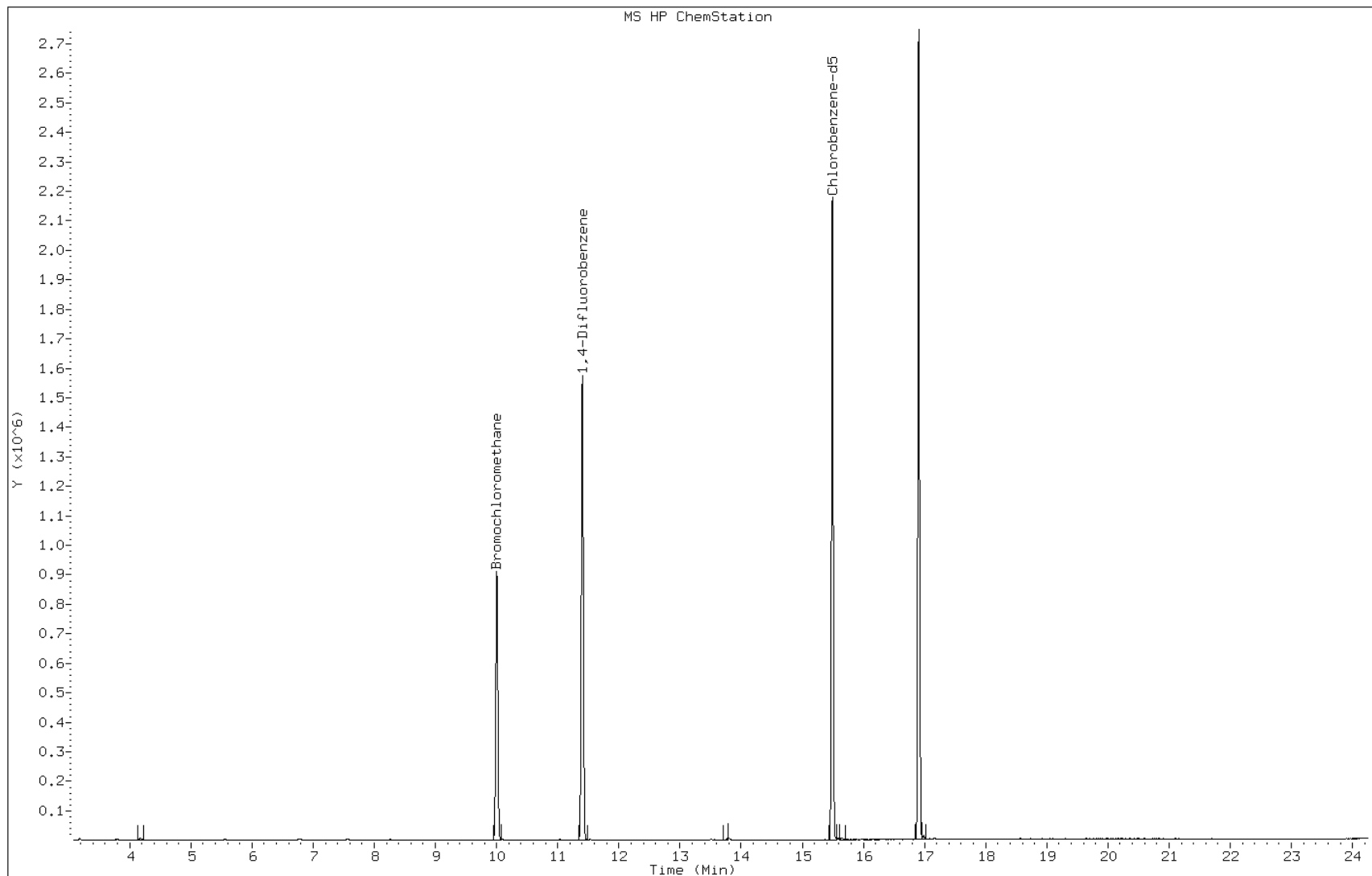
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	
72 Styrene	104				Compound Not Detected.		
73 Bromoform	173				Compound Not Detected.		
74 Isopropylbenzene	105				Compound Not Detected.		
75 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
76 n-Propylbenzene	91				Compound Not Detected.		
79 4-Ethyltoluene	105				Compound Not Detected.		
80 2-Chlorotoluene	91				Compound Not Detected.		
81 1,3,5-Trimethylbenzene	105				Compound Not Detected.		
83 tert-butylbenzene	119				Compound Not Detected.		
84 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
85 sec-Butylbenzene	105				Compound Not Detected.		
86 4-Isopropyltoluene	119				Compound Not Detected.		
87 1,3-Dichlorobenzene	146				Compound Not Detected.		
88 1,4-Dichlorobenzene	146				Compound Not Detected.		
89 Benzyl chloride	91				Compound Not Detected.		
91 n-Butylbenzene	91				Compound Not Detected.		
92 1,2-Dichlorobenzene	146				Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225				Compound Not Detected.		
96 Naphthalene	128				Compound Not Detected.		

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: blfb005.d
Client ID: 5060
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-20295-A-2
Lab Sample ID: 200-20295-2

Date: 02-JAN-2014 13:39
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20295-1 Analy Batch No.: 66691

SDG No.: _____

Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2013 15:02 Calibration End Date: 12/31/2013 01:33 Calibration ID: 24953

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-66691/3	blf003.d
Level 2	IC 200-66691/4	blf004.d
Level 3	IC 200-66691/15	blf015.d
Level 4	IC 200-66691/6	blf006.d
Level 5	ICIS 200-66691/7	blf007.d
Level 6	IC 200-66691/8	blf008.d
Level 7	IC 200-66691/9	blf009.d
Level 8	IC 200-66691/10	blf010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	++++ 0.4844	++++ 0.4942	0.6912 0.4796	0.4824	0.4914	Ave		0.5205			16.1		30.0				
Dichlorodifluoromethane	++++ 1.9605	++++ 1.9364	1.9999 1.8268	1.9343	2.0199	Ave		1.9463			3.5		30.0				
Freon 22	++++ 1.1129	++++ 1.1131	1.1901 1.0799	1.0789	1.1192	Ave		1.1157			3.6		30.0				
1,2-Dichlorotetrafluoroethane	++++ 2.0580	1.9950 2.0638	2.1611 1.9599	2.0439	2.0886	Ave		2.0529			3.2		30.0				
Chloromethane	++++ 0.6101	++++ 0.6225	0.7226 0.6206	0.5892	0.6057	Ave		0.6285			7.6		30.0				
n-Butane	++++ 1.1100	++++ 1.1736	1.6778 1.1562	1.0905	1.1071	Ave		1.2192			18.6		30.0				
Vinyl chloride	0.7819 0.7707	0.7336 0.7970	0.8350 0.7791	0.7584	0.7709	Ave		0.7783			3.8		30.0				
1,3-Butadiene	++++ 0.5763	0.5237 0.6016	0.6131 0.5905	0.5679	0.5875	Ave		0.5801			5.0		30.0				
Bromomethane	++++ 0.8810	0.8831 0.8875	0.9089 0.8588	0.8706	0.8921	Ave		0.8832			1.8		30.0				
Chloroethane	++++ 0.5167	++++ 0.5217	0.5765 0.5143	0.5110	0.5188	Ave		0.5265			4.7		30.0				
Isopentane	++++ 1.1259	1.1756 1.1517	1.5059 1.1498	1.1133	1.1457	Ave		1.1954			11.6		30.0				
Bromoethene (Vinyl Bromide)	++++ 0.9425	0.9179 0.9581	0.9412 0.9187	0.9216	0.9576	Ave		0.9368			1.9		30.0				
Trichlorofluoromethane	++++ 2.4988	2.4395 2.4801	2.4840 2.3627	2.5026	2.5514	Ave		2.4741			2.4		30.0				
n-Pentane	++++ 1.9788	++++ 2.0096	3.0196 2.0181	1.9654	1.9973	Ave		2.1648			19.4		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.: 200-20295-1 Analy Batch No.: 66691

SDG No.: _____

Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2013 15:02 Calibration End Date: 12/31/2013 01:33 Calibration ID: 24953

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.4587	++++ 0.4418	0.4099 0.4282	0.3991	0.4547	Ave	0.4320				5.6		30.0				
Ethyl ether	++++ 0.8282	0.7848 0.8421	0.8814 0.8381	0.8150	0.8314	Ave	0.8316				3.5		30.0				
Acrolein	++++ 0.4451	++++ 0.4297	++++ 0.4302	0.4373	0.4400	Ave	0.4365				1.5		30.0				
Freon TF	++++ 2.0641	1.9510 2.0701	2.1387 1.9911	2.0298	2.0710	Ave	2.0451				3.0		30.0				
1,1-Dichloroethene	++++ 0.9951	0.9040 1.0105	1.0083 0.9736	0.9730	0.9943	Ave	0.9798				3.7		30.0				
Acetone	++++ 1.5724	++++ 1.6225	++++ 1.5951	1.6659	1.8564	Ave	1.6625				6.9		30.0				
Isopropyl alcohol	++++ 1.3293	++++ 1.2897	++++ 1.2680	1.3969	1.3514	Ave	1.3271				3.8		30.0				
Carbon disulfide	++++ 3.1444	++++ 3.2089	3.4513 3.1259	3.1318	3.1816	Ave	3.2073				3.9		30.0				
3-Chloropropene	++++ 1.3715	1.3235 1.4262	1.6357 1.4629	1.3239	1.3806	Ave	1.4178				7.7		30.0				
Acetonitrile	++++ 0.8344	++++ 0.8473	++++ 0.8611	0.8214	0.8428	Ave	0.8414				1.8		30.0				
Methylene Chloride	++++ 1.1379	++++ 1.1739	1.5174 1.1849	1.1663	1.1525	Ave	1.2222				11.9		30.0				
tert-Butyl alcohol	++++ 1.9966	++++ 1.9438	++++ 1.9211	2.0354	2.0148	Ave	1.9823				2.4		30.0				
Methyl tert-butyl ether	++++ 3.1948	2.9392 3.2602	3.2774 3.2115	3.0881	3.2317	Ave	3.1718				3.8		30.0				
trans-1,2-Dichloroethene	++++ 1.6504	1.5620 1.6940	1.7839 1.6810	1.6207	1.6664	Ave	1.6655				4.1		30.0				
Acrylonitrile	++++ 0.8538	++++ 0.8716	0.9343 0.8805	0.8202	0.8552	Ave	0.8693				4.4		30.0				
n-Hexane	++++ 1.8133	1.6632 1.8557	2.4826 1.8414	1.7672	1.8229	Ave	1.8923				14.2		30.0				
1,1-Dichloroethane	2.1212 1.9869	1.8596 2.0253	2.2135 1.9817	1.9842	2.0148	Ave	2.0234				5.2		30.0				
Vinyl acetate	++++ 2.9086	++++ 3.0328	++++ 3.0295	2.8251	2.8513	Ave	2.9295				3.3		30.0				
cis-1,2-Dichloroethene	++++ 1.1151	1.0461 1.1319	1.1327 1.0777	1.1034	1.1284	Ave	1.1051				2.9		30.0				
Ethyl acetate	++++ 0.1042	++++ 0.1064	++++ 0.1009	0.0976	0.1039	Ave	0.1026				3.3		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.: 200-20295-1 Analy Batch No.: 66691

SDG No.: _____

Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2013 15:02 Calibration End Date: 12/31/2013 01:33 Calibration ID: 24953

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Methyl Ethyl Ketone	++++ 0.5627	++++ 0.5682	0.9141 0.5390	0.5719	0.5778	Ave		0.6223			23.1		30.0				
Tetrahydrofuran	++++ 0.2509	++++ 0.2617	++++ 0.2701	0.2489	0.2539	Ave		0.2571			3.4		30.0				
Chloroform	++++ 2.2286	2.2165 2.2732	2.3327 2.2103	2.2351	2.2780	Ave		2.2535			1.9		30.0				
Cyclohexane	++++ 0.3155	0.2927 0.3235	0.3326 0.3138	0.3110	0.3198	Ave		0.3156			3.9		30.0				
1,1,1-Trichloroethane	++++ 0.4644	0.4506 0.4666	0.4572 0.4519	0.4609	0.4715	Ave		0.4604			1.7		30.0				
Carbon tetrachloride	0.4636 0.4988	0.4642 0.4992	0.4665 0.4838	0.4906	0.5063	Ave		0.4841			3.6		30.0				
2,2,4-Trimethylpentane	++++ 1.1485	1.0369 1.1899	1.2608 1.2010	1.1236	1.1547	Ave		1.1593			6.0		30.0				
Benzene	++++ 0.7165	0.7029 0.7271	0.7918 0.7249	0.7035	0.7221	Ave		0.7270			4.2		30.0				
1,2-Dichloroethane	++++ 0.3023	0.2615 0.3060	0.3057 0.3047	0.2939	0.3045	Ave		0.2969			5.4		30.0				
n-Heptane	++++ 0.4369	0.4240 0.4516	0.6090 0.4600	0.4316	0.4429	Ave		0.4651			13.9		30.0				
n-Butanol	++++ 0.1393	++++ 0.1345	++++ 0.1386	0.1375	0.1345	Ave		0.1369			1.6		30.0				
Trichloroethene	0.2793 0.3097	0.2867 0.3147	0.3074 0.3073	0.3014	0.3110	Ave		0.3022			4.2		30.0				
1,2-Dichloropropane	++++ 0.2611	0.2488 0.2692	0.2798 0.2657	0.2573	0.2616	Ave		0.2633			3.7		30.0				
Methyl methacrylate	++++ 0.2703	++++ 0.2769	++++ 0.2741	0.2554	0.2702	Ave		0.2672			3.4		30.0				
1,4-Dioxane	++++ 0.1086	++++ 0.1028	++++ 0.0983	0.1146	0.1103	Ave		0.1069			6.0		30.0				
Dibromomethane	++++ 0.3033	0.2855 0.3027	0.2714 0.2890	0.2893	0.3031	Ave		0.2920			4.1		30.0				
Bromodichloromethane	++++ 0.5115	0.4477 0.5179	0.4846 0.5091	0.4932	0.5120	Ave		0.4966			4.9		30.0				
cis-1,3-Dichloropropene	++++ 0.4134	0.3565 0.4288	0.4082 0.4285	0.3969	0.4126	Ave		0.4064			6.1		30.0				
methyl isobutyl ketone	++++ 0.5579	++++ 0.5832	0.5588 0.5966	0.5347	0.5611	Ave		0.5654			3.8		30.0				
n-Octane	++++ 0.6216	0.5527 0.6455	0.8318 0.6486	0.6158	0.6287	Ave		0.6492			13.3		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.: 200-20295-1 Analy Batch No.: 66691

SDG No.: _____

Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2013 15:02 Calibration End Date: 12/31/2013 01:33 Calibration ID: 24953

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.5775	0.5943 0.5892	0.6306 0.5780	0.5746	0.5909	Ave		0.5907			3.2		30.0				
trans-1,3-Dichloropropene	++++ 0.4367	0.3539 0.4476	0.4118 0.4444	0.4171	0.4416	Ave		0.4219			7.8		30.0				
1,1,2-Trichloroethane	++++ 0.2768	0.2430 0.2829	0.2996 0.2805	0.2698	0.2811	Ave		0.2762			6.2		30.0				
Tetrachloroethene	0.4935 0.5029	0.4733 0.5064	0.4848 0.4855	0.4932	0.5075	Ave		0.4934			2.4		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.6082	++++ 0.6283	0.6589 0.6454	0.5811	0.6057	Ave		0.6213			4.6		30.0				
Dibromochloromethane	++++ 0.5872	0.5210 0.5921	0.5428 0.5695	0.5706	0.5933	Ave		0.5681			4.8		30.0				
1,2-Dibromoethane	++++ 0.5180	0.4630 0.5233	0.5107 0.5087	0.5028	0.5227	Ave		0.5070			4.1		30.0				
Chlorobenzene	++++ 0.7931	0.7438 0.8073	0.8066 0.7793	0.7829	0.8059	Ave		0.7884			2.9		30.0				
n-Nonane	++++ 0.6395	0.6426 0.6507	0.8464 0.6111	0.6527	0.6531	Ave		0.6709			11.7		30.0				
Ethylbenzene	++++ 1.2682	1.2309 1.2707	1.3847 1.1798	1.2811	1.3022	Ave		1.2739			5.0		30.0				
m,p-Xylene	++++ 0.5025	0.4635 0.5046	0.5187 0.4707	0.5004	0.5119	Ave		0.4960			4.2		30.0				
Xylene, o-	++++ 0.4978	0.4576 0.5022	0.4886 0.4789	0.4909	0.5028	Ave		0.4884			3.3		30.0				
Styrene	++++ 0.8091	0.6923 0.8208	0.7424 0.7895	0.7812	0.8145	Ave		0.7785			6.0		30.0				
Bromoform	++++ 0.6320	0.5358 0.6348	0.5287 0.5984	0.6109	0.6402	Ave		0.5973			7.8		30.0				
Cumene	++++ 1.4808	1.3298 1.5044	1.4694 1.4389	1.4462	1.4941	Ave		1.4519			4.1		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.7551	0.7054 0.7682	0.7825 0.7340	0.7494	0.7688	Ave		0.7519			3.4		30.0				
n-Propylbenzene	++++ 1.7927	1.6360 1.8149	1.7451 1.6817	1.7665	1.8151	Ave		1.7503			3.9		30.0				
1,2,3-Trichloropropane	++++ 0.5804	++++ 0.5846	0.6567 0.5343	0.5903	0.5996	Ave		0.5910			6.7		30.0				
n-Decane	++++ 0.8462	++++ 0.8462	1.0475 0.7566	0.8598	0.8400	Ave		0.8660			11.1		30.0				
4-Ethyltoluene	++++ 1.5665	1.4034 1.5778	1.4765 1.4490	1.5189	1.5673	Ave		1.5085			4.5		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.: 200-20295-1 Analy Batch No.: 66691

SDG No.: _____

Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2013 15:02 Calibration End Date: 12/31/2013 01:33 Calibration ID: 24953

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.2549	1.2151 1.2313	1.2925 1.1844	1.2451	1.2666	Ave		1.2414			2.8		30.0				
1,3,5-Trimethylbenzene	++++ 1.2810	1.1766 1.2947	1.2326 1.1295	1.2528	1.2785	Ave		1.2351			4.9		30.0				
Alpha Methyl Styrene	++++ 0.6695	0.5050 0.6744	0.5224 0.6113	0.6257	0.6545	Ave		0.6090			11.3		30.0				
tert-Butylbenzene	++++ 1.2260	1.1168 1.2262	1.1677 1.1109	1.2123	1.2310	Ave		1.1844			4.5		30.0				
1,2,4-Trimethylbenzene	++++ 1.2924	1.1186 1.2830	1.2119 1.1729	1.2512	1.2780	Ave		1.2297			5.3		30.0				
sec-Butylbenzene	++++ 1.8468	1.7257 1.8319	1.9655 1.6692	1.8141	1.8442	Ave		1.8139			5.2		30.0				
4-Isopropyltoluene	++++ 1.5920	1.4319 1.5180	1.4728 1.4381	1.5480	1.5795	Ave		1.5115			4.3		30.0				
1,3-Dichlorobenzene	++++ 0.8917	0.7950 0.8814	0.7752 0.8003	0.8568	0.8811	Ave		0.8402			5.8		30.0				
1,4-Dichlorobenzene	++++ 0.8858	0.8006 0.8749	0.7487 0.7967	0.8280	0.8747	Ave		0.8299			6.2		30.0				
Benzyl chloride	++++ 1.1691	0.9341 1.1425	0.8147 1.0921	1.0863	1.1632	Ave		1.0574			12.6		30.0				
n-Undecane	++++ 0.9246	++++ 0.9551	++++ 0.9613	0.9734	0.8221	Ave		0.9273			6.6		30.0				
n-Butylbenzene	++++ 1.4277	1.2843 1.3113	1.3404 1.3476	1.3986	1.4122	Ave		1.3603			4.0		30.0				
1,2-Dichlorobenzene	++++ 0.8488	0.7837 0.8124	0.7200 0.7650	0.8051	0.8336	Ave		0.7955			5.5		30.0				
n-Dodecane	++++ 0.9785	++++ 0.9626	++++ 0.9163	0.7589	0.4381	Ave		0.8109			27.8		30.0				
1,2,4-Trichlorobenzene	++++ 0.6665	++++ 0.6364	0.3161 0.6729	0.5225	0.4852	Ave		0.5499			25.2		30.0				
Hexachlorobutadiene	++++ 0.6647	0.6599 0.6655	0.5317 0.6374	0.6411	0.5749	Ave		0.6250			8.3		30.0				
Naphthalene	++++ 1.3705	++++ 1.1485	0.5380 1.3842	0.7862	0.7735	Ave		1.0002			35.1	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.6144	0.4506 0.5635	0.2566 0.5871	0.4492	0.4097	Ave		0.4759			26.2		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20295-1 Analy Batch No.: 66691

SDG No.: _____

Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2013 15:02 Calibration End Date: 12/31/2013 01:33 Calibration ID: 24953

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-66691/3	blf003.d
Level 2	IC 200-66691/4	blf004.d
Level 3	IC 200-66691/15	blf015.d
Level 4	IC 200-66691/6	blf006.d
Level 5	ICIS 200-66691/7	blf007.d
Level 6	IC 200-66691/8	blf008.d
Level 7	IC 200-66691/9	blf009.d
Level 8	IC 200-66691/10	blf010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 247684	++++ 350420	12244 722661	79441	164310	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	++++ 1002469	++++ 1373156	35426 2752355	318565	675361	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	++++ 569046	++++ 789292	21082 1627002	177683	374197	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1052310	13315 1463486	38282 2952865	336606	698331	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	++++ 311957	++++ 441418	12801 935035	97039	202530	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	++++ 567549	++++ 832246	29721 1741972	179587	370154	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1087 394097	4896 565160	14792 1173829	124900	257740	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	++++ 294674	3495 426578	10861 889621	93522	196437	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	++++ 450477	5894 629364	16100 1293986	143384	298258	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	++++ 264208	++++ 369953	10213 774920	84149	173444	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	++++ 575699	7846 816719	26676 1732426	183348	383060	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 481926	6126 679446	16673 1384117	151776	320159	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	++++ 1277683	16281 1758689	44003 3559742	412143	853057	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	++++ 1011808	++++ 1425066	53490 3040588	323682	667782	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	++++ 312694	++++ 626568	72602 1612859	131456	228019	++++ 20.0	++++ 40.0	5.00 100	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20295-1 Analy Batch No.: 66691

SDG No.: _____

Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2013 15:02 Calibration End Date: 12/31/2013 01:33 Calibration ID: 24953

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	++++ 423458	5238 597173	15613 1262771	134214	277985	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	++++ 227582	++++ 304742	++++ 648236	72018	147098	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Freon TF	BCM	Ave	++++ 1055401	13021 1467960	37885 2999931	334282	692445	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	++++ 508829	++++ 6033 716536	17861 1466908	160243	332445	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	++++ 804009	++++ 1150542	++++ 2403270	274349	620689	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	++++ 679708	++++ 914545	++++ 1910464	230061	451822	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	++++ 1607805	++++ 2275492	61138 4709647	515775	1063770	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	++++ 701292	++++ 8833 1011354	28975 2204129	218034	461597	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	++++ 426629	++++ 600837	++++ 1297420	135268	281798	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	++++ 581838	++++ 832475	++++ 1785305	192072	385337	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	++++ 1020932	++++ 1378379	++++ 2894458	335205	673627	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	++++ 1633562	++++ 19616 2311893	58056 4838564	508568	1080499	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	++++ 843879	++++ 10425 1201234	31600 2532678	266908	557166	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	++++ 436581	++++ 618077	++++ 16551 1326624	135079	285945	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	++++ 927157	++++ 11100 1315943	43978 2774397	291045	609473	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	++++ 1015958	++++ 2949 1436203	39211 2985745	326775	673640	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	++++ 1487249	++++ 2150648	++++ 4564357	465258	953314	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	++++ 570195	++++ 6982 802683	20065 1623736	181718	377286	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	++++ 53271	++++ 75455	++++ 151952	16078	34741	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	++++ 287710	++++ 402927	++++ 16193 812107	94188	193179	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	++++ 638420	++++ 923071	++++ 2007969	204340	422164	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20295-1 Analy Batch No.: 66691

SDG No.: _____

Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2013 15:02 Calibration End Date: 12/31/2013 01:33 Calibration ID: 24953

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	++++ 1139511	14793 1611955	41322 3330167	368094	761625	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	++++ 802919	9770 1141144	29800 2332480	255330	531703	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	++++ 1181782	15042 1645786	40963 3359012	378405	783879	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	3204 1269385	15493 1760826	41791 3596286	402776	841692	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	++++ 2922674	34611 4196832	112953 8927831	922512	1919720	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	++++ 1823268	23463 2564544	70936 5389035	577611	1200573	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	++++ 769301	8729 1079157	27386 2265156	241316	506243	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	++++ 1111789	14151 1592680	54556 3419507	354327	736356	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	++++ 354441	++++ 474298	++++ 1030450	112862	223677	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Trichloroethene	DFB	Ave	1930 788078	9569 1109896	27537 2284235	247439	516987	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	++++ 664361	8305 949361	25069 1974820	211227	434896	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	++++ 687759	++++ 976547	22949 2037709	209684	449259	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	++++ 276264	++++ 362611	++++ 731008	94128	183370	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	++++ 771939	9531 1067479	24311 2148152	237521	503877	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	++++ 1301702	14945 1826588	43413 3784556	404930	851267	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	++++ 1051931	11898 1512471	36570 3185588	325842	685977	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	++++ 1419849	++++ 2057073	50060 4435349	439010	932831	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	++++ 1581758	18450 2276818	74517 4821410	505611	1045218	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	++++ 1349142	17822 1910577	49010 3924246	428205	896619	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	++++ 1111390	11814 1578547	36893 3303596	342449	734168	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	++++ 646627	7286 917335	23283 1904001	201065	426580	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20295-1 Analy Batch No.: 66691

SDG No.: _____

Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2013 15:02 Calibration End Date: 12/31/2013 01:33 Calibration ID: 24953

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	3097 1174908	14194 1642069	37677 3295958	367575	770163	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 1421066	++++ 2037329	++++ 4381591	433076	919161	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	++++ 1371813	15623 1919994	42190 3866491	425229	900298	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	++++ 1210213	13886 1696627	39694 3453502	374687	793210	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	++++ 1852904	22305 2617547	62689 5290466	583509	1222968	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	++++ 1494229	19271 2109974	65786 4148633	486451	991095	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	++++ 2962924	36914 4120216	107623 8009584	954797	1976016	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	++++ 2347890	27797 3272547	80623 6391007	745893	1553623	++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	++++ 1163162	13724 1628486	37977 3251320	365843	763018	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	++++ 1890428	20761 2661272	57702 5359480	582240	1236002	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	++++ 1476490	16067 2058408	41091 4062516	455277	971552	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	++++ 3459805	39878 4878076	114204 9768455	1077782	2267296	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 1764098	21154 2490831	60816 4982999	558501	1166651	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	++++ 4188328	49062 5884874	135632 11416562	1316496	2754324	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	++++ 1355990	++++ 1895594	51038 3627103	439902	909870	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	++++ 1977125	++++ 2743668	81415 5136224	640785	1274682	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	++++ 3659965	42086 5115900	114753 9836915	1132014	2378359	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	++++ 2931809	36440 3992585	100457 8040597	927957	1922006	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 2992961	35285 4197880	95798 7668136	933643	1940028	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	++++ 1564303	15144 2186875	40603 4149688	466353	993211	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	++++ 2864339	33491 3975996	90753 7541724	903519	1868078	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20295-1 Analy Batch No.: 66691

SDG No.: _____

Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2013 15:02 Calibration End Date: 12/31/2013 01:33 Calibration ID: 24953

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	++++ 3019491	33544 4160065	94191 7962431	932515	1939307	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	++++ 4314738	51753 5939967	152764 11331921	1352006	2798599	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	++++ 3719514	42940 4922213	114471 9763046	1153678	2396785	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	++++ 2083246	23840 2858054	60253 5433223	638518	1337030	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	++++ 2069626	24009 2836858	58191 5408850	617101	1327296	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	++++ 2731508	28013 3704521	63317 7414192	809625	1765180	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	++++ 2160104	++++ 3096720	++++ 6526186	725428	1247480	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	++++ 3335686	38514 4251767	104175 9148692	1042366	2142917	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	++++ 1983065	23503 2634168	55962 5193345	600008	1264999	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	++++ 2286154	++++ 3121171	++++ 6220500	565590	664859	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 1557307	++++ 2063619	24567 4568536	389377	736243	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	++++ 1553022	19789 2157946	41324 4327291	477819	872344	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	++++ 3202109	++++ 3724020	41817 9397060	585900	1173822	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 1435374	++++ 13513 1827100	19947 3985951	334763	621736	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:

Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Lab Sample ID: ICV 200-66691/20 Calibration Date: 12/31/2013 09:48
 Instrument ID: B.i Calib Start Date: 12/30/2013 15:02
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/31/2013 01:33
 Lab File ID: blf020.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	0.5205	0.5800		11.1	10.0	11.4	30.0
Dichlorodifluoromethane	Ave	1.946	2.067		10.6	10.0	6.2	30.0
Freon 22	Ave	1.116	1.269		11.4	10.0	13.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.053	2.262		11.0	10.0	10.2	30.0
Chloromethane	Ave	0.6285	0.7456		11.9	10.0	18.6	30.0
n-Butane	Ave	1.219	1.350		11.1	10.0	10.7	30.0
Vinyl chloride	Ave	0.7783	0.8968		11.5	10.0	15.2	30.0
1,3-Butadiene	Ave	0.5801	0.7183		12.4	10.0	23.8	30.0
Bromomethane	Ave	0.8832	0.9538		10.8	10.0	8.0	30.0
Chloroethane	Ave	0.5265	0.6054		11.5	10.0	15.0	30.0
Isopentane	Ave	1.195	1.448		12.1	10.0	21.2	30.0
Bromoethene (Vinyl Bromide)	Ave	0.9368	1.036		11.1	10.0	10.6	30.0
Trichlorofluoromethane	Ave	2.474	2.606		10.5	10.0	5.3	30.0
n-Pentane	Ave	2.165	2.493		11.5	10.0	15.2	30.0
Ethanol	Ave	0.4320	0.5402		18.8	15.0	25.0	30.0
Ethyl ether	Ave	0.8316	0.9464		11.4	10.0	13.8	30.0
Acrolein	Ave	0.4365	0.4576		10.5	10.0	4.8	30.0
Freon TF	Ave	2.045	2.372		11.6	10.0	16.0	30.0
1,1-Dichloroethene	Ave	0.9798	1.170		11.9	10.0	19.4	30.0
Acetone	Ave	1.662	2.086		12.5	10.0	25.5	30.0
Isopropyl alcohol	Ave	1.327	1.626		12.3	10.0	22.5	30.0
Carbon disulfide	Ave	3.207	3.625		11.3	10.0	13.0	30.0
3-Chloropropene	Ave	1.418	1.824		12.9	10.0	28.7	30.0
Acetonitrile	Ave	0.8414	1.096		13.0	10.0	30.3*	30.0
Methylene Chloride	Ave	1.222	1.532		12.5	10.0	25.4	30.0
tert-Butyl alcohol	Ave	1.982	2.214		11.2	10.0	11.7	30.0
Methyl tert-butyl ether	Ave	3.172	3.594		11.3	10.0	13.3	30.0
trans-1,2-Dichloroethene	Ave	1.665	1.934		11.6	10.0	16.2	30.0
Acrylonitrile	Ave	0.8693	1.056		12.1	10.0	21.4	30.0
n-Hexane	Ave	1.892	2.204		11.6	10.0	16.5	30.0
1,1-Dichloroethane	Ave	2.023	2.329		11.5	10.0	15.1	30.0
Vinyl acetate	Ave	2.929	3.715		12.7	10.0	26.8	30.0
cis-1,2-Dichloroethene	Ave	1.105	1.248		11.3	10.0	12.9	30.0
Ethyl acetate	Ave	0.1026	0.1125		11.0	10.0	9.7	30.0
Methyl Ethyl Ketone	Ave	0.6223	0.6702		10.8	10.0	7.7	30.0
Tetrahydrofuran	Ave	0.2571	0.3256		12.7	10.0	26.6	30.0
Chloroform	Ave	2.253	2.448		10.9	10.0	8.6	30.0
Cyclohexane	Ave	0.3156	0.3458		11.0	10.0	9.6	30.0
1,1,1-Trichloroethane	Ave	0.4604	0.4751		10.3	10.0	3.2	30.0
Carbon tetrachloride	Ave	0.4841	0.4865		10.0	10.0	0.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Lab Sample ID: ICV 200-66691/20 Calibration Date: 12/31/2013 09:48
 Instrument ID: B.i Calib Start Date: 12/30/2013 15:02
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/31/2013 01:33
 Lab File ID: blf020.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	1.159	1.371		11.8	10.0	18.2	30.0
Benzene	Ave	0.7270	0.7817		10.8	10.0	7.5	30.0
1,2-Dichloroethane	Ave	0.2969	0.3258		11.0	10.0	9.7	30.0
n-Heptane	Ave	0.4651	0.5535		11.9	10.0	19.0	30.0
n-Butanol	Ave	0.1369	0.1489		10.9	10.0	8.8	30.0
Trichloroethene	Ave	0.3022	0.3188		10.5	10.0	5.5	30.0
1,2-Dichloropropane	Ave	0.2633	0.2948		11.2	10.0	11.9	30.0
Methyl methacrylate	Ave	0.2672	0.2956		11.1	10.0	10.7	30.0
1,4-Dioxane	Ave	0.1069	0.1054		9.86	10.0	-1.4	30.0
Dibromomethane	Ave	0.2920	0.2737		9.37	10.0	-6.3	30.0
Bromodichloromethane	Ave	0.4966	0.5434		10.9	10.0	9.4	30.0
cis-1,3-Dichloropropene	Ave	0.4064	0.4363		10.7	10.0	7.3	30.0
methyl isobutyl ketone	Ave	0.5654	0.6929		12.3	10.0	22.5	30.0
n-Octane	Ave	0.6492	0.7829		12.1	10.0	20.6	30.0
Toluene	Ave	0.5907	0.6005		10.2	10.0	1.7	30.0
trans-1,3-Dichloropropene	Ave	0.4219	0.4509		10.7	10.0	6.9	30.0
1,1,2-Trichloroethane	Ave	0.2762	0.2826		10.2	10.0	2.3	30.0
Tetrachloroethene	Ave	0.4934	0.4572		9.27	10.0	-7.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6213	0.7385		11.9	10.0	18.9	30.0
Dibromochloromethane	Ave	0.5681	0.5824		10.3	10.0	2.5	30.0
1,2-Dibromoethane	Ave	0.5070	0.4997		9.85	10.0	-1.5	30.0
Chlorobenzene	Ave	0.7884	0.7704		9.77	10.0	-2.3	30.0
n-Nonane	Ave	0.6709	0.7517		11.2	10.0	12.0	30.0
Ethylbenzene	Ave	1.274	1.315		10.3	10.0	3.2	30.0
m,p-Xylene	Ave	0.4960	0.4986		20.1	20.0	0.5	30.0
Xylene, o-	Ave	0.4884	0.4843		9.91	10.0	-0.8	30.0
Styrene	Ave	0.7785	0.7869		10.1	10.0	1.1	30.0
Bromoform	Ave	0.5973	0.5819		9.74	10.0	-2.6	30.0
Cumene	Ave	1.452	1.475		10.2	10.0	1.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7519	0.7636		10.2	10.0	1.6	30.0
n-Propylbenzene	Ave	1.750	1.842		10.5	10.0	5.2	30.0
1,2,3-Trichloropropane	Ave	0.5910	0.6238		10.6	10.0	5.5	30.0
n-Decane	Ave	0.8660	0.9774		11.3	10.0	12.9	30.0
4-Ethyltoluene	Ave	1.508	1.575		10.4	10.0	4.4	30.0
2-Chlorotoluene	Ave	1.241	1.292		10.4	10.0	4.1	30.0
1,3,5-Trimethylbenzene	Ave	1.235	1.246		10.1	10.0	0.9	30.0
Alpha Methyl Styrene	Ave	0.6090	0.6335		10.4	10.0	4.0	30.0
tert-Butylbenzene	Ave	1.184	1.188		10.0	10.0	0.3	30.0
1,2,4-Trimethylbenzene	Ave	1.230	1.217		9.89	10.0	-1.1	30.0
sec-Butylbenzene	Ave	1.814	1.824		10.1	10.0	0.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Lab Sample ID: ICV 200-66691/20 Calibration Date: 12/31/2013 09:48
 Instrument ID: B.i Calib Start Date: 12/30/2013 15:02
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/31/2013 01:33
 Lab File ID: blf020.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	1.511	1.535		10.2	10.0	1.5	30.0
1,3-Dichlorobenzene	Ave	0.8402	0.7841		9.33	10.0	-6.7	30.0
1,4-Dichlorobenzene	Ave	0.8299	0.7778		9.37	10.0	-6.3	30.0
Benzyl chloride	Ave	1.057	1.128		10.7	10.0	6.7	30.0
n-Undecane	Ave	0.9273	1.069		11.5	10.0	15.2	30.0
n-Butylbenzene	Ave	1.360	1.456		10.7	10.0	7.0	30.0
1,2-Dichlorobenzene	Ave	0.7955	0.7239		9.10	10.0	-9.0	30.0
n-Dodecane	Ave	0.8109	1.081		13.3	10.0	33.3*	30.0
1,2,4-Trichlorobenzene	Ave	0.5499	0.5382		9.78	10.0	-2.1	30.0
Hexachlorobutadiene	Ave	0.6250	0.5447		8.71	10.0	-12.8	30.0
Naphthalene	Ave	1.000	1.249		12.5	10.0	24.9	30.0
1,2,3-Trichlorobenzene	Ave	0.4759	0.5403		11.4	10.0	13.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-66787/2 Calibration Date: 01/02/2014 10:58
 Instrument ID: B.i Calib Start Date: 12/30/2013 15:02
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/31/2013 01:33
 Lab File ID: blfb002.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	0.5205	0.5237		10.1	10.0	0.6	30.0
Dichlorodifluoromethane	Ave	1.946	2.088		10.7	10.0	7.3	30.0
Freon 22	Ave	1.116	1.178		10.6	10.0	5.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.053	2.146		10.5	10.0	4.5	30.0
Chloromethane	Ave	0.6285	0.6533		10.4	10.0	4.0	30.0
n-Butane	Ave	1.219	1.199		9.83	10.0	-1.7	30.0
Vinyl chloride	Ave	0.7783	0.8145		10.5	10.0	4.6	30.0
1,3-Butadiene	Ave	0.5801	0.6265		10.8	10.0	8.0	30.0
Bromomethane	Ave	0.8832	0.9147		10.4	10.0	3.6	30.0
Chloroethane	Ave	0.5265	0.5539		10.5	10.0	5.2	30.0
Isopentane	Ave	1.195	1.267		10.6	10.0	6.0	30.0
Bromoethene (Vinyl Bromide)	Ave	0.9368	0.9720		10.4	10.0	3.8	30.0
Trichlorofluoromethane	Ave	2.474	2.636		10.7	10.0	6.5	30.0
n-Pentane	Ave	2.165	2.277		10.5	10.0	5.2	30.0
Ethanol	Ave	0.4320	0.5445		18.9	15.0	26.0	30.0
Ethyl ether	Ave	0.8316	0.9154		11.0	10.0	10.1	30.0
Acrolein	Ave	0.4365	0.4876		11.2	10.0	11.7	30.0
Freon TF	Ave	2.045	2.130		10.4	10.0	4.2	30.0
1,1-Dichloroethene	Ave	0.9798	1.031		10.5	10.0	5.2	30.0
Acetone	Ave	1.662	2.127		12.8	10.0	27.9	30.0
Isopropyl alcohol	Ave	1.327	1.575		11.9	10.0	18.7	30.0
Carbon disulfide	Ave	3.207	3.381		10.5	10.0	5.4	30.0
3-Chloropropene	Ave	1.418	1.595		11.3	10.0	12.5	30.0
Acetonitrile	Ave	0.8414	0.9932		11.8	10.0	18.0	30.0
Methylene Chloride	Ave	1.222	1.294		10.6	10.0	5.9	30.0
tert-Butyl alcohol	Ave	1.982	2.240		11.3	10.0	13.0	30.0
Methyl tert-butyl ether	Ave	3.172	3.411		10.8	10.0	7.5	30.0
trans-1,2-Dichloroethene	Ave	1.665	1.817		10.9	10.0	9.1	30.0
Acrylonitrile	Ave	0.8693	0.9573		11.0	10.0	10.1	30.0
n-Hexane	Ave	1.892	2.011		10.6	10.0	6.3	30.0
1,1-Dichloroethane	Ave	2.023	2.185		10.8	10.0	8.0	30.0
Vinyl acetate	Ave	2.929	3.196		10.9	10.0	9.1	30.0
cis-1,2-Dichloroethene	Ave	1.105	1.168		10.6	10.0	5.7	30.0
Ethyl acetate	Ave	0.1026	0.1093		10.6	10.0	6.5	30.0
Methyl Ethyl Ketone	Ave	0.6223	0.6257		10.1	10.0	0.5	30.0
Tetrahydrofuran	Ave	0.2571	0.2939		11.4	10.0	14.3	30.0
Chloroform	Ave	2.253	2.380		10.6	10.0	5.6	30.0
Cyclohexane	Ave	0.3156	0.3305		10.5	10.0	4.7	30.0
1,1,1-Trichloroethane	Ave	0.4604	0.4851		10.5	10.0	5.3	30.0
Carbon tetrachloride	Ave	0.4841	0.5100		10.5	10.0	5.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-66787/2 Calibration Date: 01/02/2014 10:58
 Instrument ID: B.i Calib Start Date: 12/30/2013 15:02
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/31/2013 01:33
 Lab File ID: blfb002.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	1.159	1.261		10.9	10.0	8.8	30.0
Benzene	Ave	0.7270	0.7557		10.4	10.0	4.0	30.0
1,2-Dichloroethane	Ave	0.2969	0.3242		10.9	10.0	9.2	30.0
n-Heptane	Ave	0.4651	0.5089		10.9	10.0	9.4	30.0
n-Butanol	Ave	0.1369	0.1567		11.4	10.0	14.5	30.0
Trichloroethene	Ave	0.3022	0.3174		10.5	10.0	5.0	30.0
1,2-Dichloropropane	Ave	0.2633	0.2827		10.7	10.0	7.3	30.0
Methyl methacrylate	Ave	0.2672	0.2867		10.7	10.0	7.3	30.0
1,4-Dioxane	Ave	0.1069	0.1173		11.0	10.0	9.7	30.0
Dibromomethane	Ave	0.2920	0.2866		9.81	10.0	-1.9	30.0
Bromodichloromethane	Ave	0.4966	0.5306		10.7	10.0	6.8	30.0
cis-1,3-Dichloropropene	Ave	0.4064	0.4348		10.7	10.0	7.0	30.0
methyl isobutyl ketone	Ave	0.5654	0.6381		11.3	10.0	12.9	30.0
n-Octane	Ave	0.6492	0.7196		11.1	10.0	10.8	30.0
Toluene	Ave	0.5907	0.6018		10.2	10.0	1.9	30.0
trans-1,3-Dichloropropene	Ave	0.4219	0.4611		10.9	10.0	9.3	30.0
1,1,2-Trichloroethane	Ave	0.2762	0.2917		10.6	10.0	5.6	30.0
Tetrachloroethene	Ave	0.4934	0.4810		9.75	10.0	-2.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6213	0.6927		11.1	10.0	11.5	30.0
Dibromochloromethane	Ave	0.5681	0.5826		10.3	10.0	2.6	30.0
1,2-Dibromoethane	Ave	0.5070	0.5209		10.3	10.0	2.7	30.0
Chlorobenzene	Ave	0.7884	0.7896		10.0	10.0	0.1	30.0
n-Nonane	Ave	0.6709	0.7043		10.5	10.0	5.0	30.0
Ethylbenzene	Ave	1.274	1.320		10.4	10.0	3.6	30.0
m,p-Xylene	Ave	0.4960	0.5108		20.6	20.0	3.0	30.0
Xylene, o-	Ave	0.4884	0.4988		10.2	10.0	2.1	30.0
Styrene	Ave	0.7785	0.8052		10.3	10.0	3.4	30.0
Bromoform	Ave	0.5973	0.6017		10.1	10.0	0.7	30.0
Cumene	Ave	1.452	1.479		10.2	10.0	1.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7519	0.7800		10.4	10.0	3.7	30.0
n-Propylbenzene	Ave	1.750	1.822		10.4	10.0	4.1	30.0
1,2,3-Trichloropropane	Ave	0.5910	0.6136		10.4	10.0	3.8	30.0
n-Decane	Ave	0.8660	0.9041		10.4	10.0	4.4	30.0
4-Ethyltoluene	Ave	1.508	1.554		10.3	10.0	3.0	30.0
2-Chlorotoluene	Ave	1.241	1.272		10.2	10.0	2.4	30.0
1,3,5-Trimethylbenzene	Ave	1.235	1.266		10.3	10.0	2.5	30.0
Alpha Methyl Styrene	Ave	0.6090	0.6362		10.4	10.0	4.5	30.0
tert-Butylbenzene	Ave	1.184	1.198		10.1	10.0	1.2	30.0
1,2,4-Trimethylbenzene	Ave	1.230	1.269		10.3	10.0	3.2	30.0
sec-Butylbenzene	Ave	1.814	1.832		10.1	10.0	1.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20295-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-66787/2 Calibration Date: 01/02/2014 10:58
 Instrument ID: B.i Calib Start Date: 12/30/2013 15:02
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/31/2013 01:33
 Lab File ID: blfb002.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	1.511	1.552		10.3	10.0	2.7	30.0
1,3-Dichlorobenzene	Ave	0.8402	0.8425		10.0	10.0	0.3	30.0
1,4-Dichlorobenzene	Ave	0.8299	0.8425		10.1	10.0	1.5	30.0
Benzyl chloride	Ave	1.057	1.166		11.0	10.0	10.2	30.0
n-Undecane	Ave	0.9273	0.9375		10.1	10.0	1.1	30.0
n-Butylbenzene	Ave	1.360	1.439		10.6	10.0	5.8	30.0
1,2-Dichlorobenzene	Ave	0.7955	0.8019		10.1	10.0	0.8	30.0
n-Dodecane	Ave	0.8109	0.5139		6.34	10.0	-36.6*	30.0
1,2,4-Trichlorobenzene	Ave	0.5499	0.4979		9.05	10.0	-9.5	30.0
Hexachlorobutadiene	Ave	0.6250	0.5551		8.88	10.0	-11.2	30.0
Naphthalene	Ave	1.000	0.8173		8.17	10.0	-18.3	30.0
1,2,3-Trichlorobenzene	Ave	0.4759	0.4130		8.68	10.0	-13.2	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20295-1

SDG No.: _____

Instrument ID: B.i Start Date: 12/30/2013 13:20

Analysis Batch Number: 66691 End Date: 12/31/2013 09:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-66691/1		12/30/2013 13:20	1	blf001.d	RTX-624 0.32 (mm)
VIBLK 200-66691/2		12/30/2013 14:09	1		RTX-624 0.32 (mm)
IC 200-66691/3		12/30/2013 15:02	1	blf003.d	RTX-624 0.32 (mm)
IC 200-66691/4		12/30/2013 15:54	1	blf004.d	RTX-624 0.32 (mm)
ZZZZZ		12/30/2013 16:46	1		RTX-624 0.32 (mm)
IC 200-66691/6		12/30/2013 17:38	1	blf006.d	RTX-624 0.32 (mm)
ICIS 200-66691/7		12/30/2013 18:31	1	blf007.d	RTX-624 0.32 (mm)
IC 200-66691/8		12/30/2013 19:23	1	blf008.d	RTX-624 0.32 (mm)
IC 200-66691/9		12/30/2013 20:15	1	blf009.d	RTX-624 0.32 (mm)
IC 200-66691/10		12/30/2013 21:09	1	blf010.d	RTX-624 0.32 (mm)
VIBLK 200-66691/11		12/30/2013 22:01	1		RTX-624 0.32 (mm)
VIBLK 200-66691/12		12/30/2013 22:54	1		RTX-624 0.32 (mm)
ZZZZZ		12/30/2013 23:47	1		RTX-624 0.32 (mm)
ZZZZZ		12/31/2013 00:40	1		RTX-624 0.32 (mm)
IC 200-66691/15		12/31/2013 01:33	1	blf015.d	RTX-624 0.32 (mm)
VIBLK 200-66691/16		12/31/2013 02:25	1		RTX-624 0.32 (mm)
ZZZZZ		12/31/2013 03:17	1		RTX-624 0.32 (mm)
ZZZZZ		12/31/2013 04:10	1		RTX-624 0.32 (mm)
VIBLK 200-66691/19		12/31/2013 05:02	1		RTX-624 0.32 (mm)
ICV 200-66691/20		12/31/2013 09:48	1	blf020.d	RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20295-1

SDG No.: _____

Instrument ID: B.i Start Date: 01/02/2014 10:10

Analysis Batch Number: 66787 End Date: 01/03/2014 06:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-66787/1		01/02/2014 10:10	1	blfb001.d	RTX-624 0.32 (mm)
CCVIS 200-66787/2		01/02/2014 10:58	1	blfb002.d	RTX-624 0.32 (mm)
LCS 200-66787/3		01/02/2014 11:47	1	blfb003.d	RTX-624 0.32 (mm)
MB 200-66787/4		01/02/2014 12:40	1	blfb004.d	RTX-624 0.32 (mm)
200-20295-2	5060	01/02/2014 13:39	0.2	blfb005.d	RTX-624 0.32 (mm)
ZZZZZ		01/02/2014 14:38	0.2		RTX-624 0.32 (mm)
ZZZZZ		01/02/2014 15:31	40.3		RTX-624 0.32 (mm)
ZZZZZ		01/02/2014 16:24	14.9		RTX-624 0.32 (mm)
ZZZZZ		01/02/2014 17:17	15		RTX-624 0.32 (mm)
ZZZZZ		01/02/2014 18:09	8		RTX-624 0.32 (mm)
ZZZZZ		01/02/2014 19:01	27.8		RTX-624 0.32 (mm)
ZZZZZ		01/02/2014 19:53	30.1		RTX-624 0.32 (mm)
ZZZZZ		01/02/2014 20:45	24.9		RTX-624 0.32 (mm)
ZZZZZ		01/02/2014 21:37	55.9		RTX-624 0.32 (mm)
ZZZZZ		01/02/2014 22:29	1		RTX-624 0.32 (mm)
ZZZZZ		01/02/2014 23:22	1		RTX-624 0.32 (mm)
ZZZZZ		01/03/2014 00:14	1		RTX-624 0.32 (mm)
ZZZZZ		01/03/2014 01:06	1		RTX-624 0.32 (mm)
ZZZZZ		01/03/2014 01:59	1		RTX-624 0.32 (mm)
ZZZZZ		01/03/2014 02:51	1		RTX-624 0.32 (mm)
ZZZZZ		01/03/2014 03:43	1		RTX-624 0.32 (mm)
ZZZZZ		01/03/2014 04:35	1		RTX-624 0.32 (mm)
ZZZZZ		01/03/2014 05:27	1		RTX-624 0.32 (mm)
ZZZZZ		01/03/2014 06:20	1		RTX-624 0.32 (mm)

GC/MS Air Instrument Run Log

Sequence	Standard Traceability	Instrument Information
Target Batch ID: BLF	ISTD Container ID: 248060	Instrument ID: B
Test Method: 1515	CCV Container ID: See comments	Instrument: 5973
ICAL Date: 12/30/13	ICV/LCS Container ID: See comments	Column Type: RTX-624
Analyst/Supervisor Signature(s): Insert signature when specified as project requirement. Otherwise leave this section blank.		

Paul D. Sigler
P. D. Sigler PAA

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review			Comments
								Internal Std.	Result Conc.	Primary Anal.	
1520	BLF 01	N/A	BF15	N/A			PAA	N/A	✓	(PAA)	
1409	02	4633	VI BLK		1	400		✓	✓		
1502	03	3039	IC-08		2	40		✓	✓		
1554	04		IC-01		2	200		N/A	✓		610230
1646	05	2519	610220		3	200		✓	✓		610230
1738	06	3630	IC-03		4	200		✓	↓		610220 R
1831	07	5430	ICIS-04		5	200		✓	✓		610160
1923	08	3141	IC-05		6	200		✓	✓		610158
2015	09	3212	IC-06		7	200		✓	✓		610152
2109	10	3197	IC-07		8	200		✓	✓		610135
2201	11	4633	VI BLK		1	200		✓	✓		610134
2254	12				1	200		✓	✓		
2347	13	5450	610271		7	200		✓	✓		610271
0040	14	2571	605233		10	200		N/A	↑		605233
0133	15		IC-02		410	200		✓	✓		605233
0125	16	4633	VI BLK		41	200		✓	✓		
0317	17	5450	610271		9	200		✓	✓		610271
0410	18				9	200		✓	✓		610271
0502	19	4633	VI BLK		21	200		✓	✓		
0748	20	3155	ICV		12	200		✓	✓		610287 AG-74+ MN

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓ = Low • ✓ = Reviewed and Acceptable

25 of 100

GC/MS Air Instrument Run Log

Sequence	Standard Traceability	Instrument Information
Target Batch ID: BLF6	Start Date: 01/22/11 Time: 1010	Instrument ID: B
Test Method: T015	ISTD Container ID: 248060	Instrument: 5973
ICAL Date: 12/30/13 #666961	CCV Container ID: 610158	Column Type: RTX-624
Analyst/Supervisor Signature(s):	ICV/LCS Container ID: 610271	
Insert signature when specified as project requirement. Otherwise leave this section blank.		

Injection Time	GC/MS File Name	Sequence Information					Individual Sample Review				Comments
		Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	
1010	BLF6 01	N/A	BFB	N/A	N/A	YAA	N/A	✓	✓	PAD	
1058	02	5430	CCVTS	1	200		✓	✓	✓		AG
1117	03	5450	LCS	2	200		✓	✓	✓		Nip 134%
1240	04	4633	MBS	3	200		✓	✓	✓		
1339	05	5060	20295-2	4	1000		✓	✓	✓		
1438	06	3196	20296-10	5	1000		✓	✓	✓		
1531	07	3014	20289-1	6	22		✓	✓	✓		cdf 4.43 C
1624	08	4128	-2	7	60		✓	✓	✓		4.47 C
1717	09	5024	-3	8	54		✓	✓	✓		4.06 C
1809	10	4323	-4	9	25		✓	✓	✓		cdf 4.58 C
1901	11	2651	-5	10	33		✓	✓	✓		4.22 C
1953	12	3210	-6	11	28		✓	✓	✓		4.48 C
2045	13	3312	-7	12	36		✓	✓	✓		cdf 6.43 C
2137	14	5031	480-52499-1	13	23		✓	✓	✓		C NCDM
2229	15	3263	20299-1	14	200		✓	✓	✓		cdf 1.36 C
2322	16	4778	-2	15	272		✓	✓	✓		cdf 1.36 C
0014	17	2851	-3	16	272		✓	✓	✓		cdf 1.36 C
0106	18	4809	-4	1	200		✓	✓	✓		cdf 1.36 C
0159	19	4282	-5	2	200		✓	✓	✓		cdf 1.36 C
0251	20	2877	20300-1	3	200		✓	✓	✓		I PA 6.10
0343	21	4476	-2	4	270		✓	✓	✓		cdf 1.55 I PA 1100
0435	22	2634	-3	5	200		✓	✓	✓		I PA 550
0527	23	4099	-4	6	290		✓	✓	✓		cdf 1.75 I PA SAT.
0620	24	5159	-5	7	262		✓	✓	✓		cdf 1.31 C
											PAD 1/02/11

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓ = Low • ✓ = Reviewed and Acceptable

Subcontract Data

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-53849-1

Login Number: 53849
List Number: 1
Creator: Lavigne, Scott M

List Source: TestAmerica Burlington
List Creation: 01/27/14 02:27 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.	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").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

TestAmerica Burlington

30 Community Drive

Suite 11

South Burlington, VT 05403

phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager: <u>Dino Zack</u>		Samples Collected By: <u>DIZ</u>		1 of 1 COCs	
Company: <u>AECOM</u>		Phone: <u>768364506 ext 15</u>		EPA 25C		Other (Please specify in notes section)	
Address: <u>100 Corporate Plaza</u>		Email: <u>dino.zack@aecocom</u>		EPA 3C		Landfill Gas	
City/State/Zip: <u>Amburst, NY 14226</u>		Site Contact: <u>D. Zack</u>		MA-APH		Soil Gas	
Phone: <u>768364506 ext 15</u>		TA Contact: <u>B. Fisher</u>		TO-15		Ambient Air	
FAX:		Analysis Turnaround Time		Canister ID		Indoor Air	
Project Name:		Standard (Specify)		Flow Controller ID		Sample Type	
Site:		Rush (Specify)		VA		Other (Please specify in notes section)	
PO #		Canister Vacuum in Field, "Hg (Start)		NA		ASTM D-1946	
Sample Identification		Canister Vacuum in Field, "Hg (Stop)		3278		EPA 25C	
1214 A2		Time Start		2400		EPA 3C	
		Time Stop				MA-APH	
		Temperature (Fahrenheit)				TO-15	
		Interior				ASTM D-1946	
		Ambient				EPA 25C	
		Start				EPA 3C	
		Stop				MA-APH	
		Pressure (Inches of Hg)				TO-15	
		Interior				ASTM D-1946	
		Ambient				EPA 25C	
		Start				EPA 3C	
		Stop				MA-APH	
		Temperature (Fahrenheit)				TO-15	
		Interior				ASTM D-1946	
		Ambient				EPA 25C	
		Start				EPA 3C	
		Stop				MA-APH	
		Pressure (Inches of Hg)				TO-15	
		Interior				ASTM D-1946	
		Ambient				EPA 25C	
		Start				EPA 3C	
		Stop				MA-APH	
		Temperature (Fahrenheit)				TO-15	
		Interior				ASTM D-1946	
		Ambient				EPA 25C	
		Start				EPA 3C	
		Stop				MA-APH	
		Pressure (Inches of Hg)				TO-15	
		Interior				ASTM D-1946	
		Ambient				EPA 25C	
		Start				EPA 3C	
		Stop				MA-APH	
		Temperature (Fahrenheit)				TO-15	
		Interior				ASTM D-1946	
		Ambient				EPA 25C	
		Start				EPA 3C	
		Stop				MA-APH	
		Pressure (Inches of Hg)				TO-15	
		Interior				ASTM D-1946	
		Ambient				EPA 25C	
		Start				EPA 3C	
		Stop				MA-APH	



480-53849 Chain of Custody

Special Instructions/QC Requirements & Comments:

Note Canister 3209 - No Sample

Samples Shipped by: <u>Dino Zack</u>	Date/Time: <u>1/21/14</u>	1700hrs	Samples Received by:
Samples Relinquished by:	Date/Time:		Received by:
Relinquished by:	Date/Time: <u>1/24/14</u>	1020	Received by: <u>TASUCC</u>

Lab Use Only Shipper Name: _____ Opened by: _____ Condition: _____

ORIGIN ID:DKKA (716) 691-2600
KEN KINECKI
TESTAMERICA
10 HAZELWOOD DR

AMHERST, NY 14228
UNITED STATES US

SHIP DATE: 23JAN14
ACTWGT: 14.0 LB MAN
CAD: 735603/CAFE2704
DIMS: 20x17x10 IN

BILL RECIPIENT

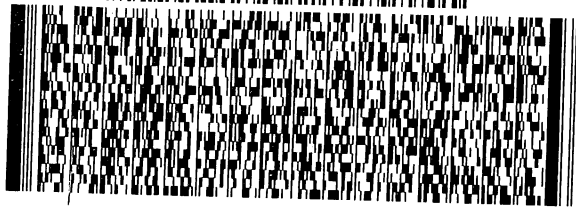
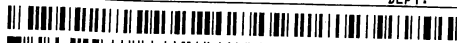
TO **MARK PHILLIPS**
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(602) 660-1990

REF:

INV:

DEPT:



FedEx
Express



51RCL/MSFC/REF3
J13111908220126

TRK#
0201 4485 0266 2945

FRI - 24 JAN AA
STANDARD OVERNIGHT

EK BTVA

05403
VT-US BTV



RT 716 1 A
FZ 715 2945
01.24



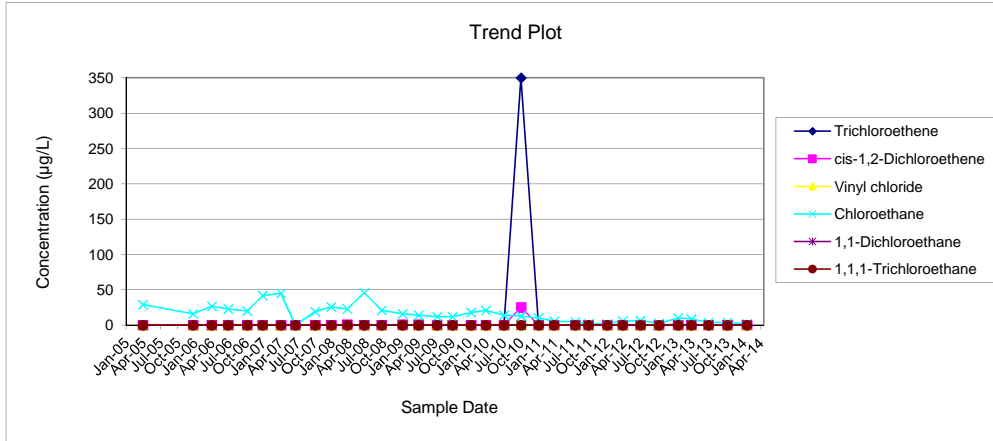
APPENDIX D

Historical and Current Summary of VOCs in Groundwater

**MONITORING WELL MW-2
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	29	< 10	<10
1/5/2006	< 25	< 25	< 25	16	< 25	< 25
4/14/2006	< 25	< 25	< 25	27	< 25	< 25
7/10/2006	< 25	< 25	< 25	23	< 25	< 25
10/19/2006	< 5	< 5	< 5	20	< 5	< 5
1/9/2007	< 5	< 5	< 5	42	< 5	< 5
4/16/2007	< 20	< 20	< 20	45	< 20	< 20
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/15/2007	< 5	< 5	< 5	19	< 5	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	0.48	< 5	23	1	< 5
7/1/2008	< 5	< 5	< 5	46	0.65	< 5
10/1/2008	< 5	< 5	< 5	21	<5	< 5
1/20/2009	< 5	0	< 5	16	<5	< 5
4/15/2009	< 5	0	< 5	14	<5	< 5
7/22/2009	< 5	< 5	< 5	12	<5	< 5
10/12/2009	< 5	< 5	< 5	12	<5	< 5
1/18/2010	< 25	< 25	< 25	18	< 25	< 25
4/7/2010	< 25	< 25	< 25	21	< 25	< 25
7/12/2010	< 25	< 25	< 25	14	< 25	< 25
10/11/2010	350	25	< 25	13	< 25	< 25
1/12/2011	<1	<1	<1	10	<1	<1
4/4/2011	<1	<1	<1	5.4	<1	<1
7/25/2011	<1	<1	<1	4.5	<1	<1
10/3/2011	<1	<1	<1	2.1	<1	<1
1/11/2012	<1	<1	<1	2	<1	<1
4/2/2012	<1	<1	<1	5.8	<1	<1
7/5/2012	<1	<1	<1	6.3	<1	<1
10/11/2012	<1	<1	<1	2.4	<1	<1
1/21/2013	0.98	<1	<1	10	<1	<1
4/1/2013	<1	<1	<1	8.8	<1	<1
7/1/2013	<1	<1	<1	3.6	<1	<1
10/9/2013	<1	<1	<1	3.9	<1	<1
1/21/2014	<1	<1	<1	1.9	0.67	<1

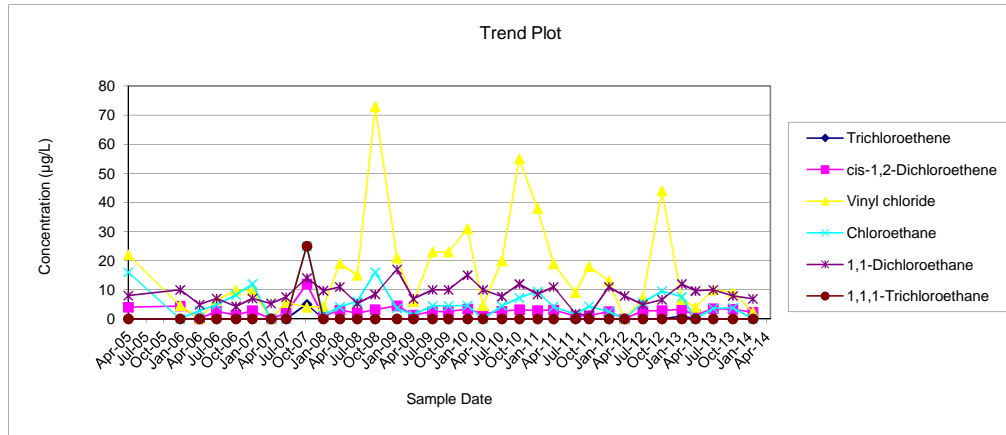
**MONITORING WELL MW-2
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	4	22	16	8	<10
1/5/2006	< 25	4.4	4.6	< 25	10	< 25
4/14/2006	< 25	< 25	< 25	2.8	4.9	< 25
7/10/2006	< 25	2.6	6.5	4.8	7	< 25
10/18/2006	< 5	1.3	9.8	8.2	4.3	< 5
1/10/2007	< 5	2.8	9.8	12	7	< 5
4/16/2007	< 20	< 20	< 20	< 20	5.3	< 20
7/2/2007	< 5	2	5.7	< 5	7.5	< 5
10/17/2007	5	12	4	25	14	25
1/9/2008	< 5	0.9	4.2	1.2	9.7	<5
4/3/2008	<5	3	19	4.1	11	<5
7/1/2008	<5	2	15	6	5.3	<5
10/1/2008	<5	3.2	73	16	8.4	<5
1/21/2009	<5	4.5	21	3.6	17	<5
4/15/2009	<5	1.3	6	1.4	6.9	<5
7/22/2009	<5	2.5	23	4.5	10	<5
10/12/2009	<5	2.5	23	4.5	10	<5
1/18/2010	<5	3.4	31	4.6	15	<5
4/7/2010	<5	1.7	4.6	<5	10	<5
7/13/2010	<5	2.6	20	4.5	7.7	<5
10/11/2010	<5	3.2	55	7.2	12	<5
1/12/2011	<1	2.8	38	9.4	8.4	<1
4/4/2011	<1	3.1	19	4.2	11	<1
7/26/2011	<1	0.98	9.1	1.5	1.8	<1
10/3/2011	<1	1.1	18	4.4	1.2	<1
1/13/2012	<1	2.5	13	2.5	11	<1
4/2/2012	<1	<1	<1	<1	7.9	<1
7/5/2012	<1	2.7	7.2	5.6	4.9	<1
10/11/2012	<1	2.8	44	9.5	6.6	<1
1/21/2013	0.98	3.3	6.7	7.6	12	<1
4/1/2013	<1	1.3	4	<1	9.6	<1
7/1/2013	<1	3.5	10	3.6	10	<1
10/10/2013	<1	3.3	9.1	3.8	7.9	<1
1/21/2014	<1	2.3	2.3	<1	6.9	<1

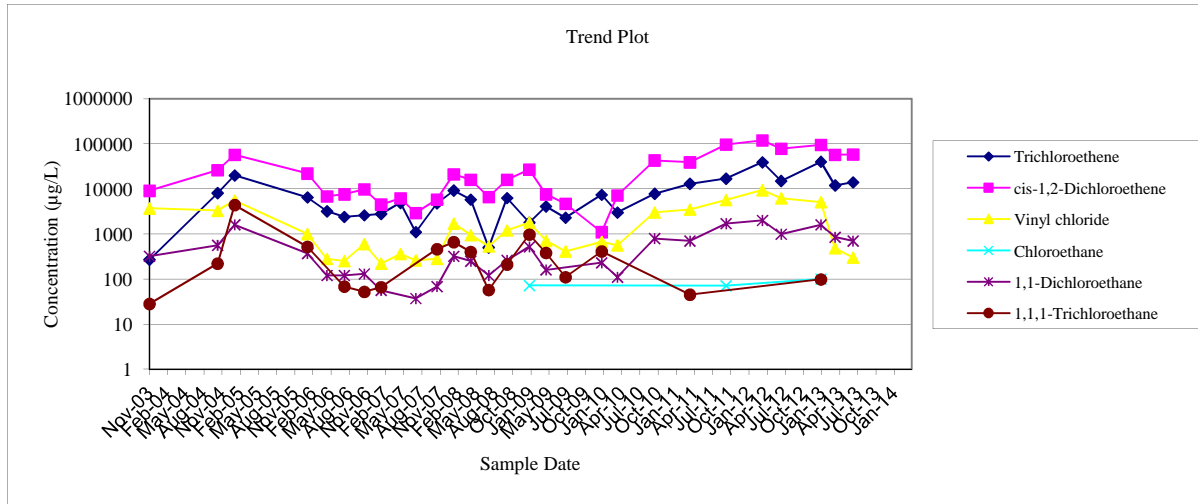
**MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**MONITORING WELL MW-4
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

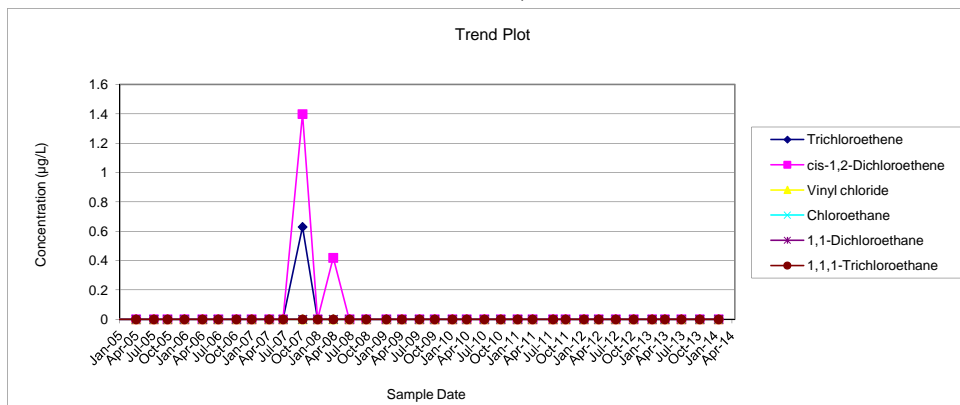
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	270	9,100	3,700	< 10	320	28
10/13/2004	8,100	26,000	3,300	< 1000	560	220
1/7/2005	20,000	57,000	5,500	< 2000	1,600	4,400
1/6/2006	6,500	22,000	1,000	< 2000	370	520
4/14/2006	3,200	6,800	280	<500	120	<500
7/10/2006	2,400	7,600	250	<500	120	68
10/18/2006	2,600	9,800	600	<5	130	52
1/10/2007	2,800	4,500	220	<400	56	66
4/17/2007	4,900	6,200	360	<500	<500	<500
7/3/2007	1,100	2,900	260	<200	37	<200
10/17/2007	4,800	5,800	280	<500	68	460
1/9/2008	9,200	21,000	1,700	<500	320	660
4/3/2008	5,800	16,000	940	<1200	250	400
7/2/2008	500	6,600	530	<500	120	57
10/2/2008	6,300	16,000	1,200	<500	260	210
1/22/2009	1,800	27,000	1,800	72	520	970
4/15/2009	4,100	7,600	710	<200	160	380
7/22/2009	2,300	4,700	410	<250	<250	110
1/19/2010	7,400	1,100	670	<1000	230	410
4/8/2010	3,000	7,200	560	<500	110	<500
10/11/2010	7,800	43,000	3,000	<4,000	790	<4,000
4/6/2011	13,000	39,000	3,500	<40	700	45
10/4/2011	17,000	97,000	5,700	71	1700	<1
4/3/2012	39,000	120,000	9,400	<200	2000	<200
7/6/2012	15,000	78,000	6,200	<1000	990	<1000
1/21/2013	40,000	95,000	5,100	100	1600	98
4/2/2013	12,000	57,000	480	<40	850	<40
7/1/2013	14,000	58,000	300	<100	700	<100

**MONITORING WELL MW-4
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

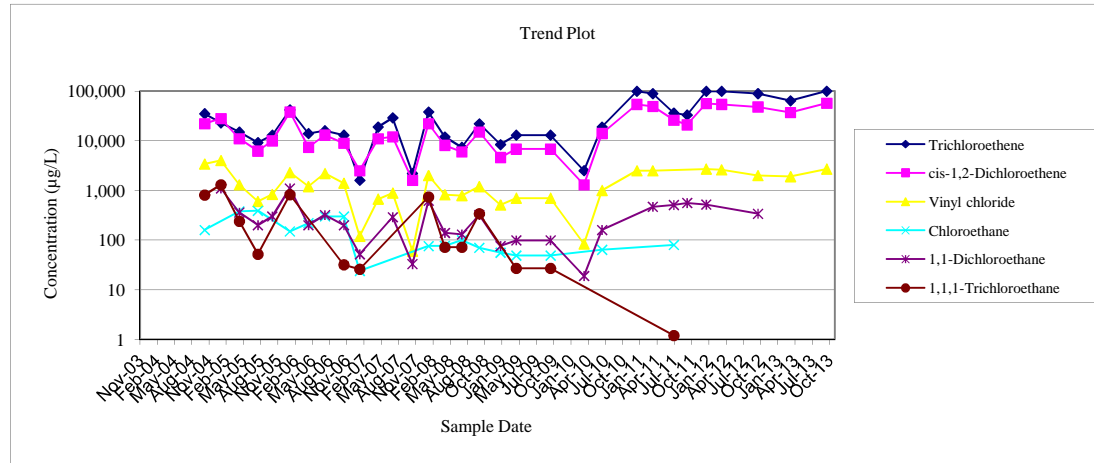
MONITORING WELL MW-6
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



**MONITORING WELL MW-8R
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/13/2004	35,000	22,000	3,400	160	< 5,000	810
1/7/2005	23,000	28,000	4,000	< 2,000	1,100	1,300
4/14/2005	15,000	11,000	1,300	380	360	240
7/21/2005	9,200	6,200	600	390	200	52
10/5/2005	13,000	10,000	830	< 1,000	300	<1,000
1/6/2006	42,000	38,000	2,300	150	1100	820
4/14/2006	14,000	7,400	1,200	220	200	< 1,000
7/10/2006	16,000	13,000	2,200	300	320	< 1,000
10/18/2006	13,000	8,900	1,400	300	200	32
1/10/2007	1,600	2,500	120	24	52	26
4/17/2007	19,000	11,000	670	< 1,000	< 1,000	< 1,000
7/3/2007	29,000	12,000	890	< 1,000	290	< 1,000
10/15/2007	2,200	1,600	60	< 200	33	< 200
1/8/2008	38,000	22,000	2,000	76	620	740
4/3/2008	12,000	8,100	820	77	140	72
7/2/2008	7,400	6,000	790	100	130	72
10/2/2008	22,000	15,000	1,200	70	320	340
1/22/2009	8,400	4,600	510	56	76	<100
4/15/2009	13,000	6,800	700	49	99	27
10/13/2009	13,000	6,800	700	49	99	27
4/8/2010	2,500	1,300	84	<100	19	<100
7/12/2010	19,000	14,000	1,000	64	160	<100
1/12/2011	99,000	54,000	2,500	<2000	<2000	<2000
4/6/2011	89,000	49,000	2,500	<800	470	<800
7/26/2011	36,000	26,000	<800	80	510	1.2
10/4/2011	33,000	21,000	<400	<400	560	<400
1/13/2012	99,000	56,000	2,700	<800	520	<800
4/3/2012	99,000	54,000	2,600	<2000	<2000	<2000
10/12/2012	89,000	48,000	2,000	<800	340	<800
4/2/2013	64,000	37,000	1,900	<1000	<1000	<1000
10/10/2013	100,000	57,000	2,700	<1000	<1000	<1000

**MONITORING WELL MW-8R
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

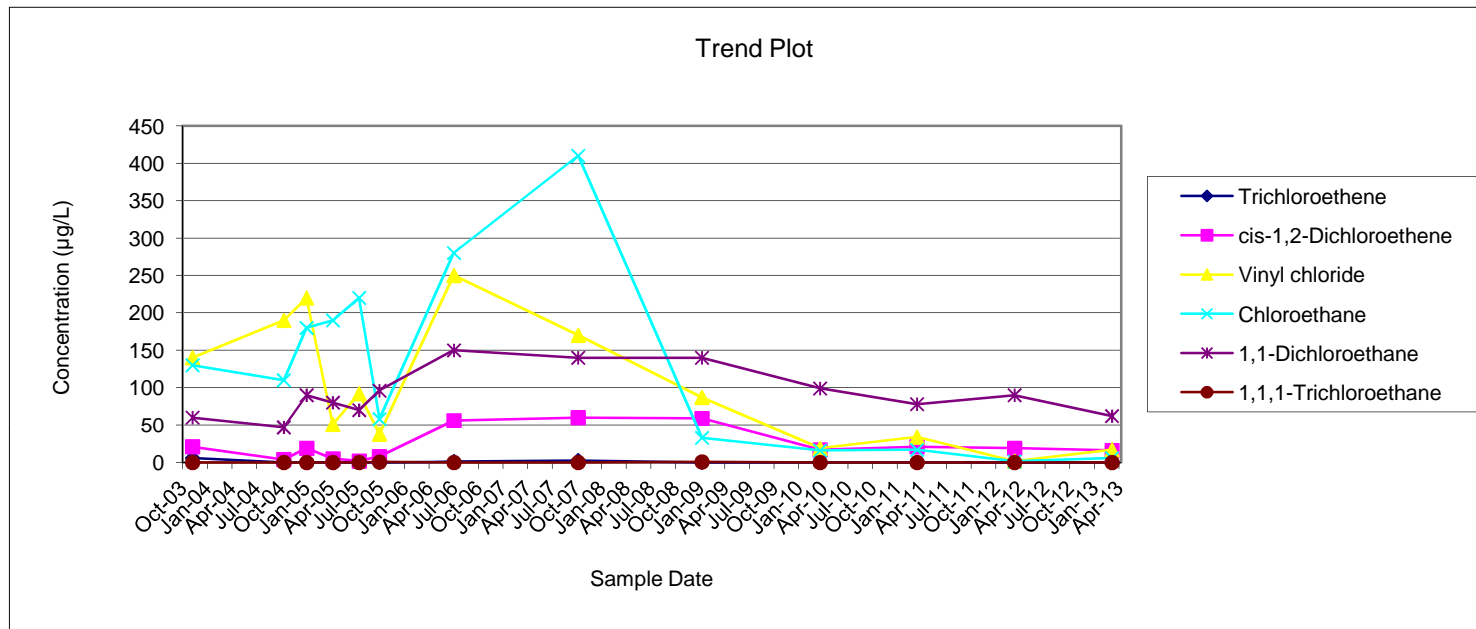


Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

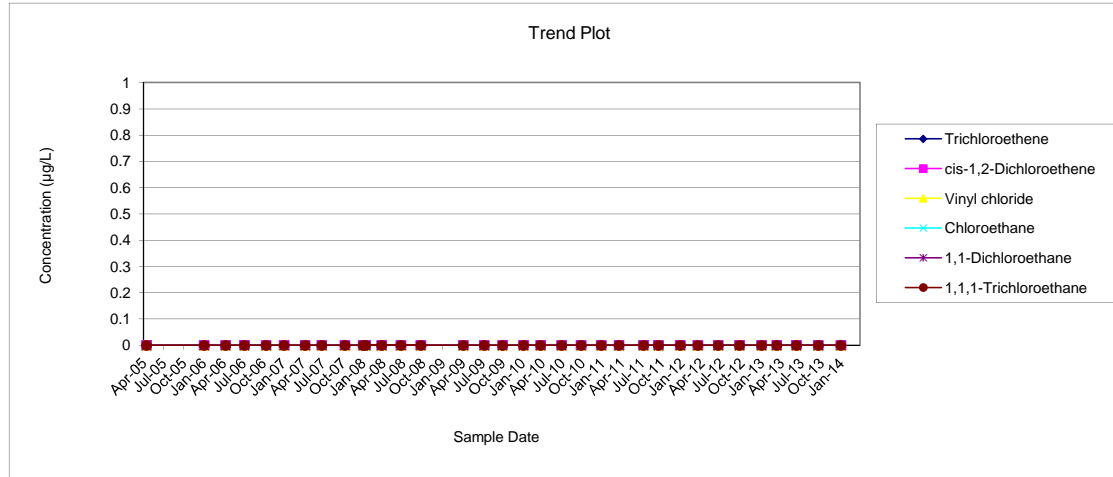
**MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	6	21	140	130	60	< 10
10/13/2004	< 10	4	190	110	47	< 10
1/6/2005	< 10	19	220	180	90	< 10
4/14/2005	< 10	5	51	190	80	< 10
7/21/2005	< 5	2	92	220	70	< 5
10/5/2005	< 5	8	38	58	96	0.68
7/10/2006	1.3	56	250	280	150	< 5
10/17/2007	2.6	60	170	410	140	< 25
1/21/2009	<5	59	87	33	140	0.81
4/7/2010	<5	17	19	16	99	< 5
4/4/2011	<1	21	34	17	78	<1
4/2/2012	<1	19	1.8	1.5	90	<1
4/1/2013	<1	16	17	5.9	62	<1

**MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



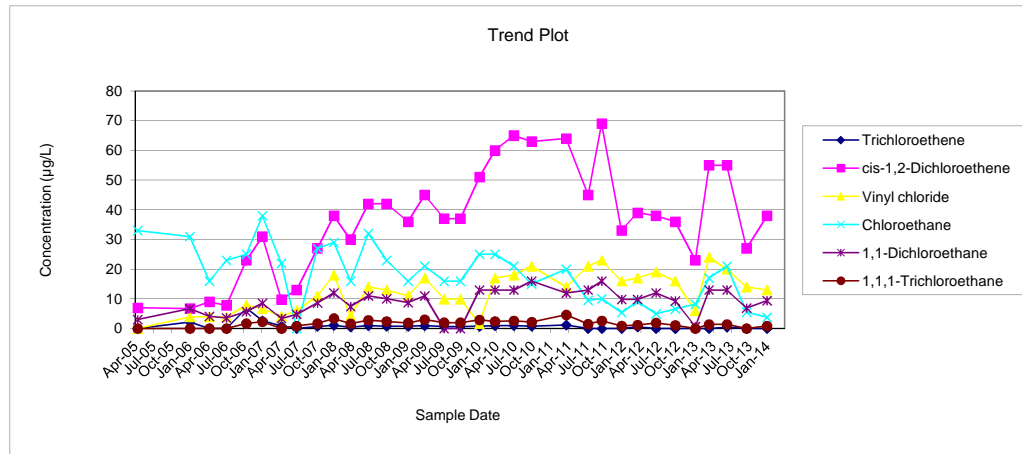
**MONITORING WELL MW-10
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**MONITORING WELL MW-11
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	7	< 10	33	3	< 10
1/5/2006	2.2	6.7	3.9	31	6.7	<20
4/14/2006	< 20	9	4	16	4.1	< 20
7/10/2006	< 20	7.8	3.9	23	3.6	< 20
10/19/2006	6.8	23	7.9	25	5.7	1.7
1/9/2007	2.6	31	6.7	38	8.5	2.3
4/16/2007	0.89	9.8	4.1	22	3.4	<5
7/2/2007	< 5	13	6.1	< 5	4.8	0.84
10/16/2007	0.71	27	11	27	8.6	1.7
1/8/2008	1.1	38	18	29	12	3.4
4/2/2008	0.49	30	4.3	16	7.4	1.6
7/1/2008	1	42	14	32	11	2.8
10/2/2008	0.81	42	13	23	10	2.4
1/20/2009	0.77	36	11	16	8.7	1.9
4/14/2009	0.95	45	17	21	11	3
7/22/2009	0.69	37	9.9	16	<5	2
10/13/2009	0.69	37	9.9	16	<5	2
1/18/2010	0.77	51	1.7	25	13	2.9
4/7/2010	0.95	60	17	25	13	2.4
7/12/2010	1	65	18	21	13	2.6
10/11/2010	0.8	63	21	15	16	2.2
4/5/2011	1.2	64	14	20	12	4.6
7/25/2011	<1	45	21	9.5	13	1.5
10/3/2011	<1	69	23	10	16	2.6
1/12/2012	<1	33	16	5.4	9.8	0.88
4/2/2012	0.51	39	17	9.1	9.8	1.2
7/5/2012	<1	38	19	5	12	1.9
10/11/2012	<1	36	16	6.6	9.3	1.1
1/21/2013	<1	23	6	8.2	0.64	<1
4/1/2013	<1	55	24	17	13	1.4
7/1/2013	0.46	55	20	21	13	1.4
10/9/2013	<1	27	14	5.5	6.9	<1
1/21/2014	<1	38	13	3.8	9.4	0.85

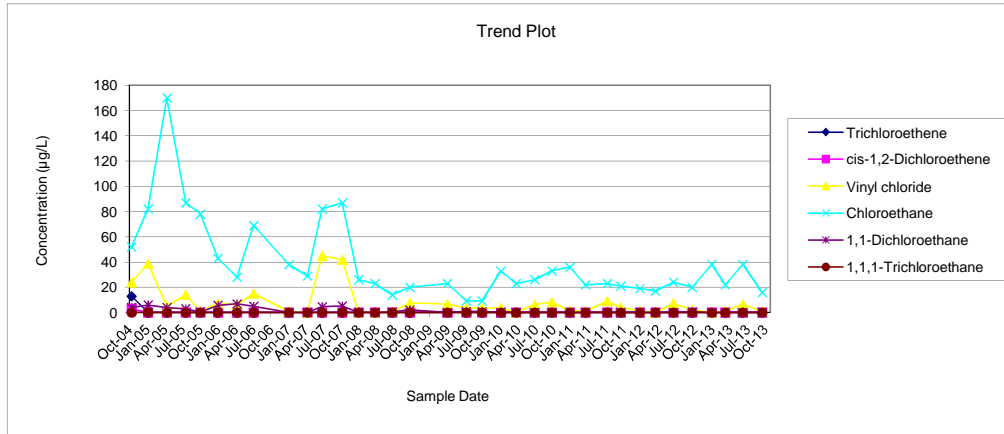
MONITORING WELL MW-11
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



**MONITORING WELL MW-12
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/12/2004	13	3	24	52	4	< 10
1/6/2005	< 10	< 10	39	82	6	< 10
4/14/2005	< 10	< 10	5	170	4	< 10
7/21/2005	< 5	< 5	14	87	3	<
10/5/2005	< 5	< 5	1.2	78	0.43	< 5
1/5/2006	< 25	< 25	7.2	43	5.8	< 25
4/14/2006	< 25	< 25	6.3	28	6.9	< 25
7/10/2006	< 25	< 25	15	69	5	< 25
1/9/2007	< 5	< 5	0.83	38	< 5	< 5
4/16/2007	< 20	< 20	< 20	29	< 20	< 20
7/2/2007	< 5	< 5	45	82	4.6	< 5
10/15/2007	< 5	< 5	42	87	5.2	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	< 5	< 5	23	< 5	< 5
7/1/2008	< 5	< 5	0.64	14	0.55	< 5
10/1/2008	< 5	< 5	7.8	20	2.1	< 5
4/14/2009	< 5	< 5	6.8	23	< 5	< 5
7/22/2009	< 5	< 5	3.6	9.2	0.79	< 5
10/12/2009	< 5	< 5	3.6	9.2	0.79	< 5
1/18/2010	< 5	< 5	3.6	33	< 5	< 5
4/7/2010	< 5	< 5	< 5	23	< 5	< 5
7/13/2010	< 5	< 5	6.4	26	< 5	< 5
10/11/2010	< 5	< 5	8.1	33	< 5	< 5
1/12/2011	< 1	< 1	1.3	36	< 1	< 1
4/4/2011	< 1	< 1	1.1	22	< 1	< 1
7/26/2011	< 1	< 1	8.9	23	< 1	< 1
10/4/2011	< 1	< 1	3.9	21	< 1	< 1
1/12/2012	< 1	< 1	1.4	19	< 1	< 1
4/2/2012	< 1	< 1	< 1	17	< 1	< 1
7/5/2012	< 1	< 1	7.2	24	< 1	< 1
10/11/2012	< 1	< 1	2.1	20	0.49	< 1
1/21/2013	< 1	< 1	< 1	38	< 1	< 1
4/1/2013	< 1	< 1	1.1	22	< 1	< 1
7/1/2013	< 1	< 1	6.6	38	< 1	< 1
10/10/2013	< 1	< 1	0.95	16	< 1	< 1

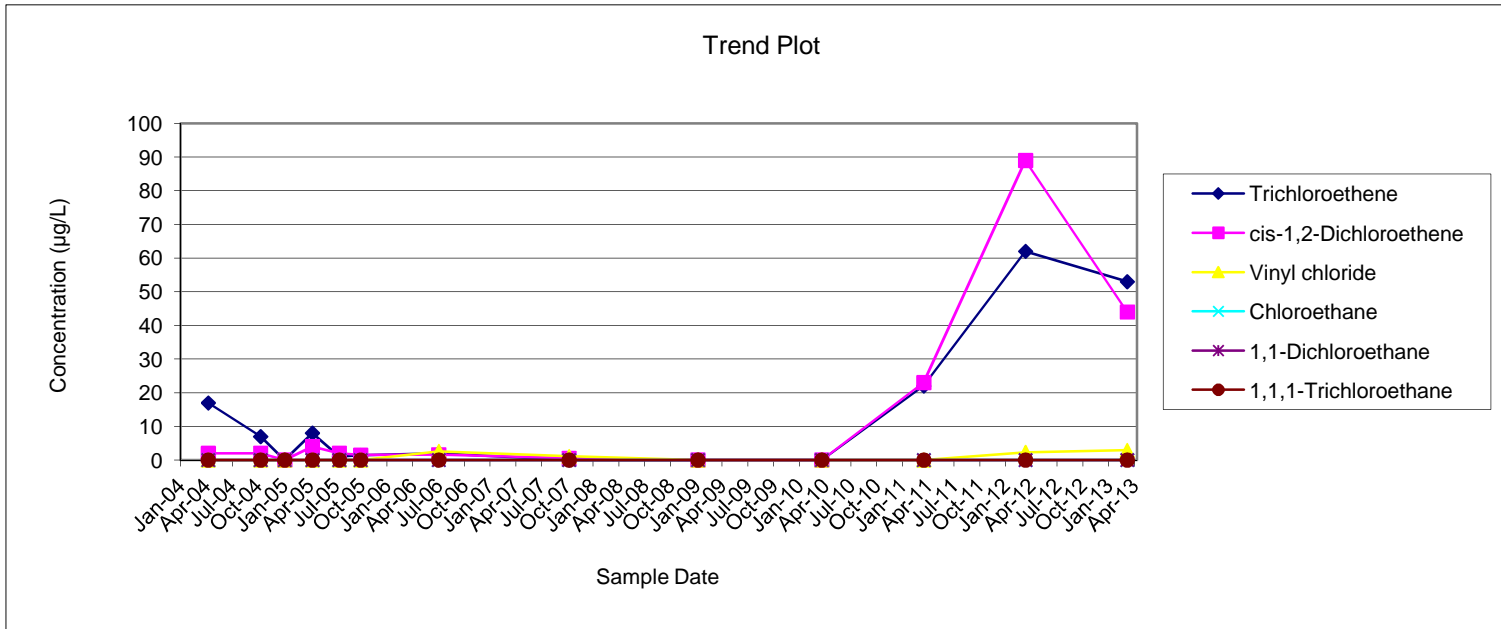
MONITORING WELL MW-12
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



**PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	17	2	< 10	< 10	< 10	< 10
10/12/2004	7	2	< 10	< 10	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/15/2005	8	4	< 10	< 10	< 10	< 10
7/20/2005	1	2	< 5	< 5	< 5	< 5
10/4/2005	1.4	1.5	< 5	< 5	< 5	< 5
7/10/2006	2	1.6	2.6	< 5	< 5	< 5
10/18/2007	<5	0.55	1.1	< 5	< 5	< 5
1/20/2009	<5	<5	<5	<5	<5	<5
4/7/2010	<5	<5	<5	<5	<5	<5
4/6/2011	22	23	<1	<1	<1	<1
4/3/2012	62	89	2.3	<1	<1	<1
4/1/2013	53	44	2.9	<1	<1	<1

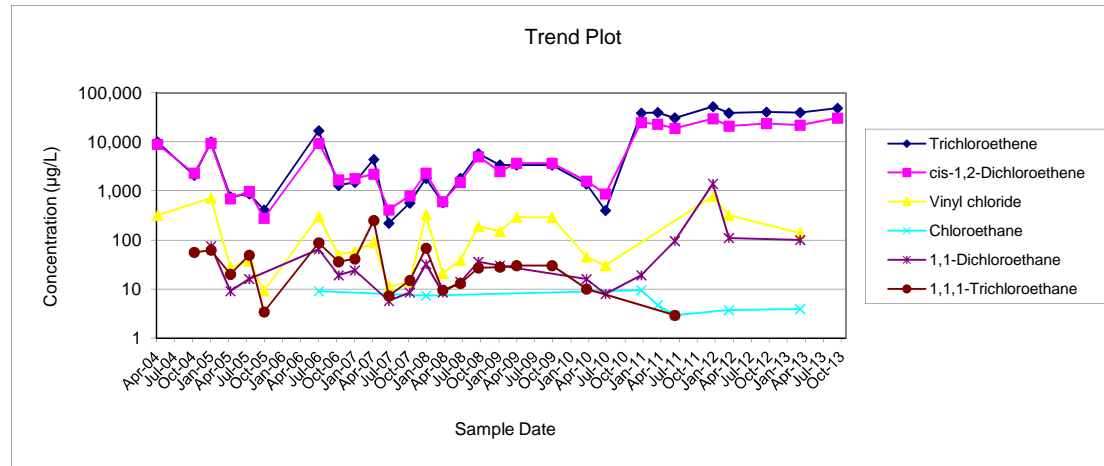
**PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**PIEZOMETER MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	10,000	9,000	320	< 100	< 100	< 100
10/12/2004	2,100	2,300	< 200	< 200	< 200	56
1/6/2005	10,000	9,400	720	< 200	75	62
4/15/2005	760	700	28	< 50	9	20
7/20/2005	870	990	37	< 40	16	49
10/4/2005	410	280	9.1	< 40	< 40	3.4
7/10/2006	17,000	9,400	300	9	65	88
10/19/2006	1,300	1,700	50	<100	19	36
1/10/2007	1,500	1,800	58	<100	24	41
4/17/2007	4,400	2,200	90	< 250	< 250	250
7/3/2007	220	410	11	< 25	5.7	7.2
10/18/2007	570	800	14	< 25	8.5	15
1/9/2008	1800	2300	330	7.3	32	68
4/3/2008	580	610	21	<50	8.5	9.5
7/2/2008	1,800	1,500	38	<120	14	13
10/2/2008	5,800	5,000	190	<120	36	27
1/20/2009	3,400	2,500	150	<10	30	28
4/15/2009	3,400	3,700	290	<40	<40	30
10/13/2009	3,400	3,700	290	<40	<40	30
4/7/2010	1,400	1,600	45	<50	16	10
7/13/2010	400	870	30	<50	7.9	<50
1/12/2011	39,000	25,000	<500	9.4	19	<1
4/6/2011	40,000	23,000	<800	4.7	<800	<800
7/2/2011	31,000	19,000	<800	2.9	95	2.9
1/13/2012	53,000	30,000	770	<800	1400	<800
4/3/2012	39,000	21,000	320	3.7	110	<1
10/12/2012	41,000	24,000	<800	<800	<800	<800
4/2/2013	40,000	22,000	140	3.9	100	<1
10/10/2013	49,000	31,000	<1	<1	<1	<1

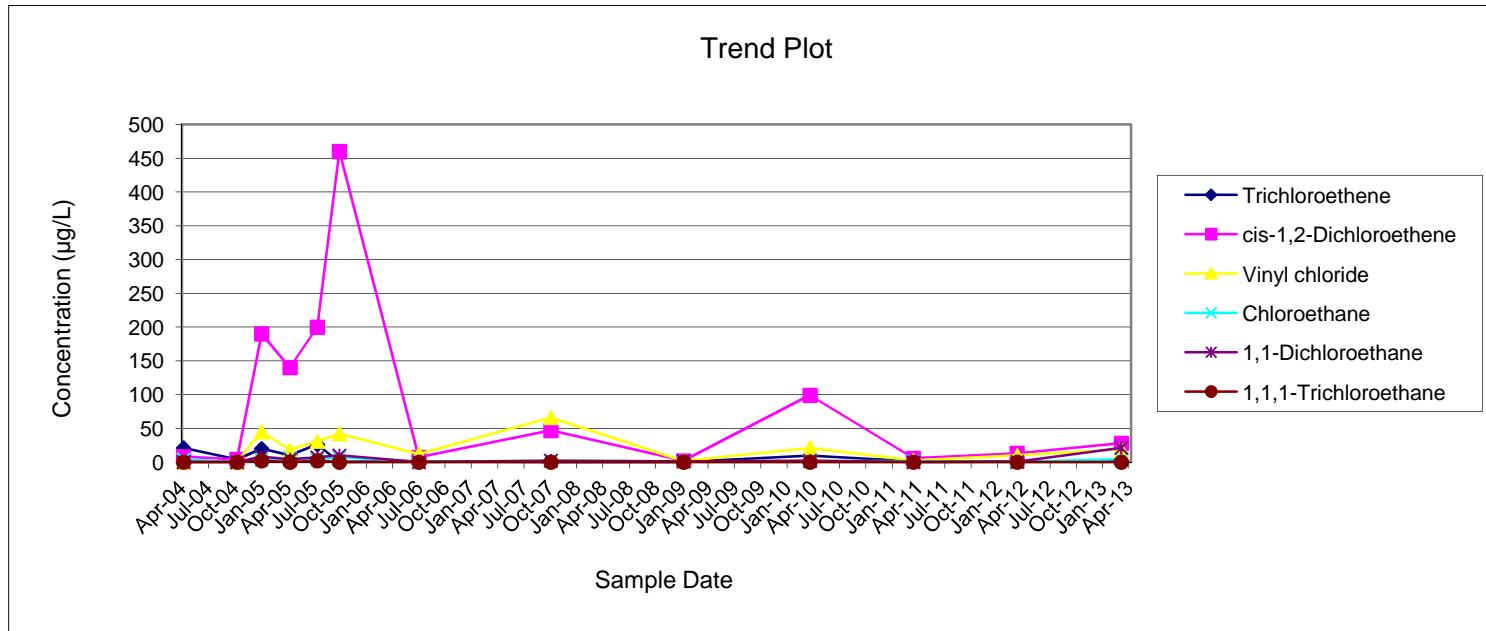
**PIEZOMETER MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



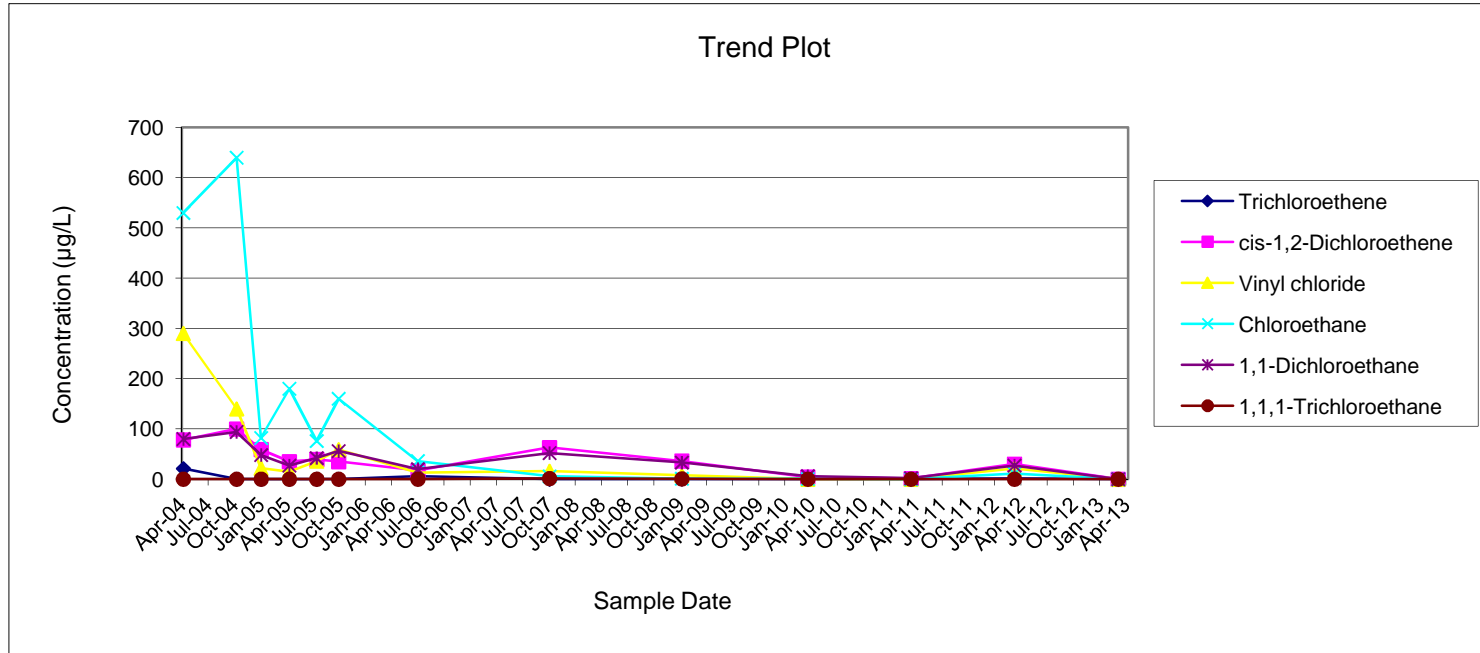
**PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	8	< 10	4	< 10	< 10
10/12/2004	4	4	< 10	< 10	< 10	< 10
1/6/2005	20	190	45	3	8	2
4/15/2005	10	140	18	6	4	< 10
7/20/2005	26	200	31	4	7	2
10/5/2005	< 10	460	42	7.2	9.9	<10
7/10/2006	0.96	7.2	12	0.82	< 5	< 5
10/15/2007	< 5	47	66	1.8	2.2	< 5
1/21/2009	<5	2	1.4	0.91	1.3	<5
4/8/2010	9.4	99	21	1.5	2	<5
4/5/2011	0.97	5.6	2.6	1.5	<1	<1
4/2/2012	0.64	13	9.9	<1	0.44	<1
4/1/2013	0.99	28	19	4.6	21	<1

PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



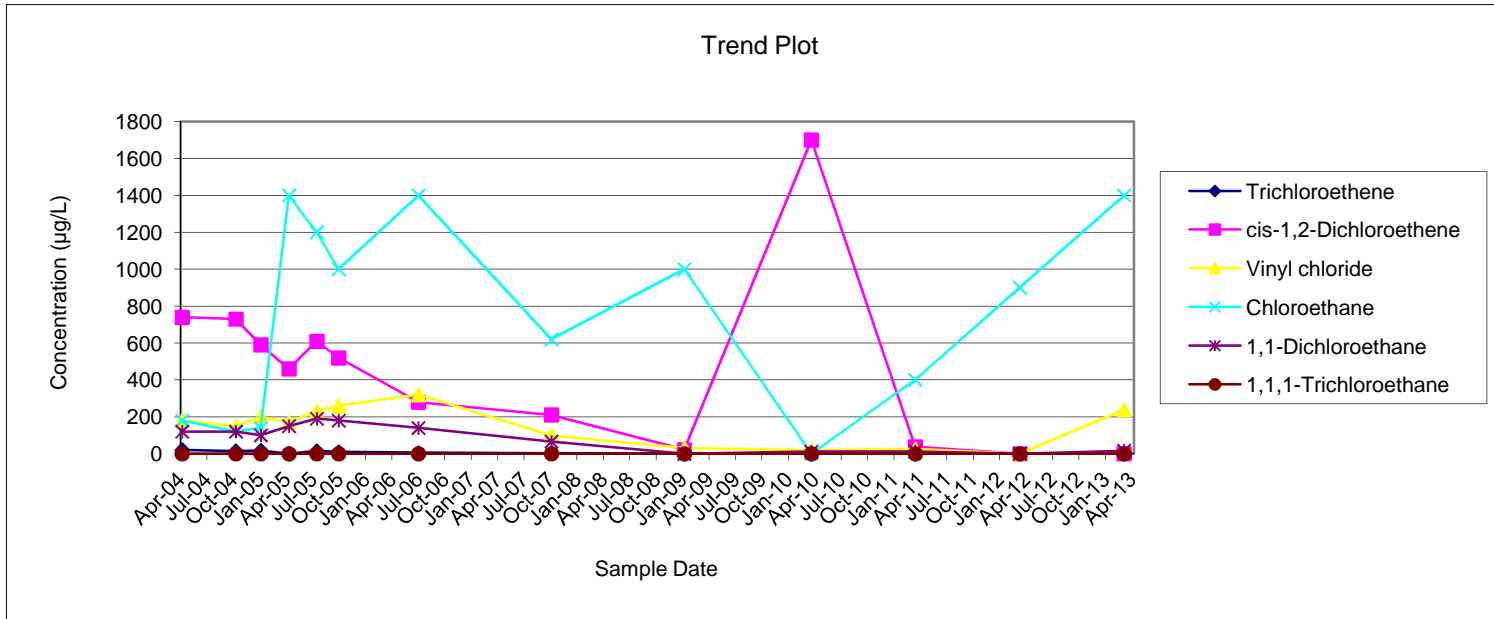
PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



**PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	740	180	180	120	< 10
10/12/2004	14	730	150	120	120	< 50
1/7/2005	18	590	200	140	100	< 50
4/15/2005	< 50	460	170	1,400	150	< 50
7/21/2005	15	610	230	1,200	190	< 25
10/5/2005	10	520	260	1,000	180	<50
7/10/2006	4.9	280	320	1,400	140	< 5
10/16/2007	3.6	210	99	620	66	< 5
1/21/2009	<25	22	32	1000	<25	<25
4/8/2010	<5	1700	19	<5	12	<5
4/5/2011	<8	38	26	400	13	<8
4/3/2012	<10	<10	<10	900	<10	<10
4/1/2013	<8	<8	240	1400	16	<8

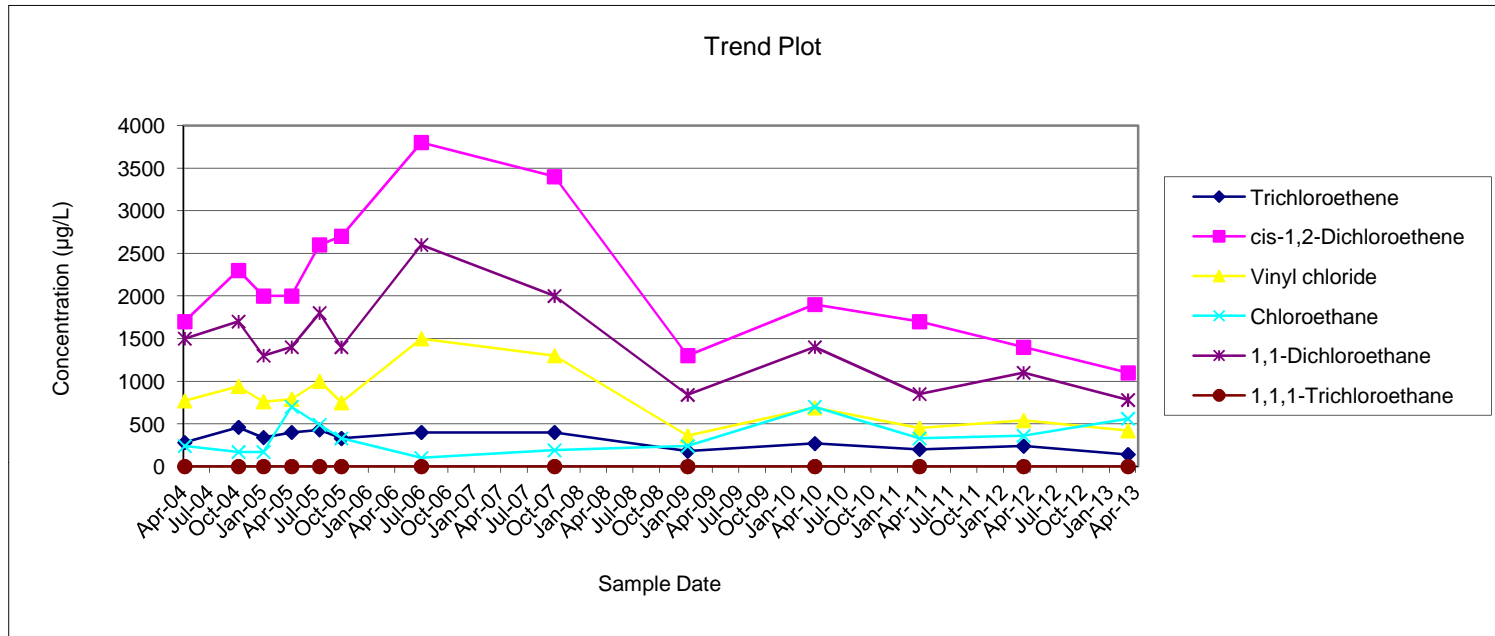
**PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	280	1,700	770	240	1,500	< 250
10/12/2004	460	2,300	940	170	1,700	< 250
1/7/2005	340	2,000	760	170	1,300	< 250
4/15/2005	400	2,000	790	700	1,400	< 200
7/21/2005	430	2,600	1,000	490	1,800	< 120
10/5/2005	330	2,700	750	330	1,400	<100
7/10/2006	400	3,800	1,500	100	2,600	< 25
10/16/2007	400	3400	1300	190	2000	< 200
1/21/2009	180	1300	360	240	840	<5
4/8/2010	270	1900	690	700	1400	<10
4/7/2011	200	1700	450	330	850	<1
4/3/2012	240	1400	540	360	1100	<1
4/1/2013	140	1100	420	560	780	<20

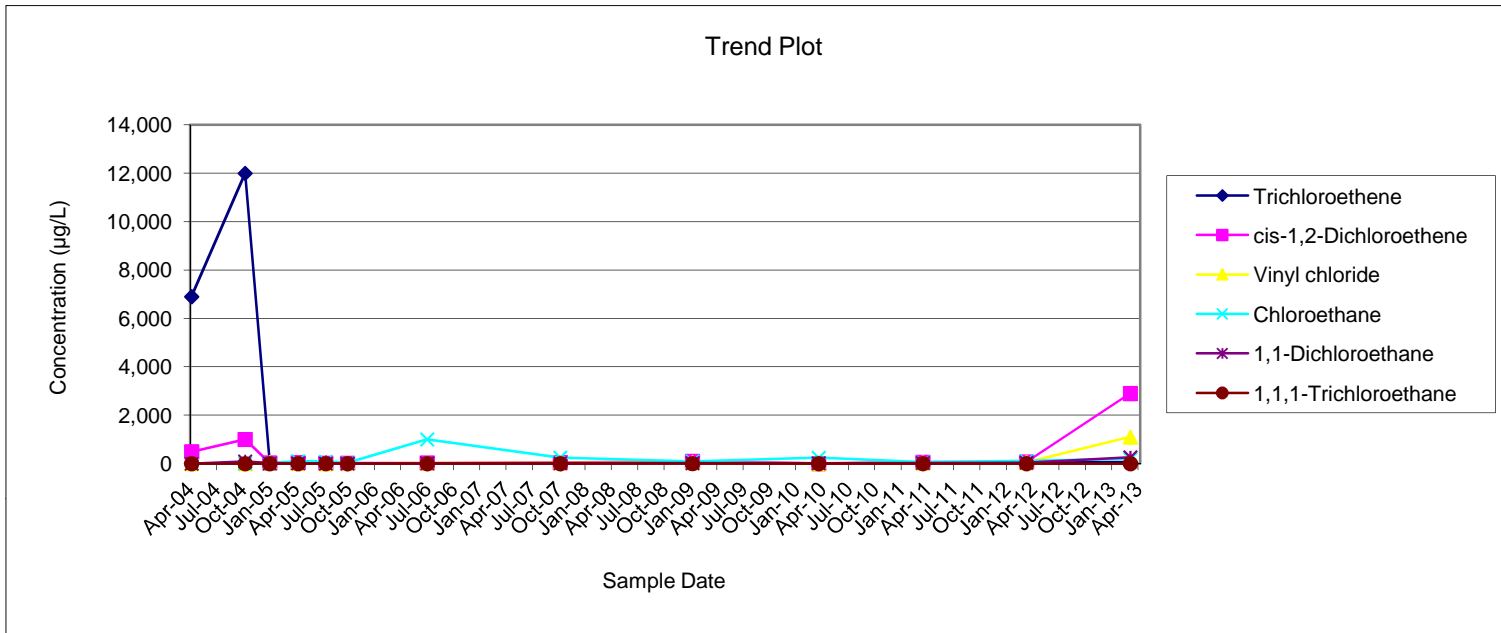
**PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**PIEZOMETER MW-16D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	6,900	490	< 500	< 500	< 500	< 500
10/12/2004	12,000	1,000	< 500	< 500	91	< 500
1/6/2005	9	27	39	22	15	< 10
4/15/2005	32	36	17	100	10	< 10
7/21/2005	25	12	4	84	2	< 10
10/5/2005	1.3	16	10	41	5	<5
7/10/2006	6.1	27	21	1,000	9.7	< 5
10/18/2007	6	48	39	250	16	< 20
1/22/2009	52	92	39	90	21	1.9
4/8/2010	12	6.9	3.6	240	8.7	< 10
4/7/2011	22	59	33	59	27	1.2
4/3/2012	42	66	46	110	35	<1
4/1/2013	57	2900	1100	190	260	<1

PIEZOMETER MW-16D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



**PIEZOMETER MW-16S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	860,000	62,000	< 20,000	< 20,000	5,000	14,000
10/12/2004	200,000	46,000	< 10,000	< 10,000	2,900	< 10,000
1/7/2005	420,000	64,000	< 10,000	< 10,000	3,800	3,300
4/15/2005	400,000	71,000	< 25,000	< 25,000	< 25,000	< 25,000
7/21/2005	480,000	76,000	1,500	2,200	4,400	2,700
10/5/2005	440,000	74,000	< 25,000	< 25,000	4,100	< 25,000
1/6/2006	470,000	82,000	2,600	< 20,000	3,300	5,200
4/14/2006	260,000	56,000	3,900	< 20,000	2,600	< 20,000
7/10/2006	310,000	78,000	4,000	< 20,000	3,500	< 20,000
10/19/2006	77,000	22,000	1,300	< 5,000	940	< 5,000
1/10/2007	44,000	18,000	1,900	< 2,500	840	< 2,500
4/17/2007	94,000	36,000	3,300	1,800	1,500	< 5,000
7/3/2007	86,000	38,000	3,000	< 5,000	1,400	< 5,000
10/18/2007	130000	47000	2800	2600	1600	820
1/8/2008	67000	30000	3200	< 5000	1100	< 5000
4/3/2008	76,000	35,000	2,900	710	1,300	500
7/2/2008	58,000	26,000	2,400	570	830	<5000
10/2/2008	63,000	26,000	3,100	690	920	<5000
1/22/2009	92,000	51,000	4,200	730	1,800	490
4/15/2009	130,000	61,000	4,200	<2000	1,800	900
7/22/2009	87,000	45,000	3,000	650	1,500	740
1/19/2010	22,000	18,000	2,600	1,100	670	340
4/8/2010	220,000	99,000	6,800	1,100	3,000	2,000
10/11/2010	300,000	90,000	6,300	<20,000	3,100	5,000
4/7/2011	250,000	74,000	7,100	<4,000	<4,000	5,600
10/4/2011	190,000	67,000	3,700	<800	1,400	4,600
4/3/2012	250,000	84,000	8,400	960	1,700	4,900
7/6/2012	170,000	72,000	3,900	<2000	1,200	2,400
1/21/2013	240,000	79,000	9,300	2,900	2,200	7,200
4/3/2013	230,000	82,000	7,300	<4,000	1,500	<4,000
7/1/2013	120,000	65,000	5,400	1,200	1,200	2,600
1/22/2014	110,000	43,000	3,700	<2,000	830	2,700

PIEZOMETER MW-16S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

