



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

716.836.4506 tel
716.834.8785 fax

February 17, 2012

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

**Subject: First Quarter 2012 Groundwater Monitoring Report
January 2012 Sampling Event
Former Scott Aviation Facility
Lancaster, New York
NYSDEC Site Code No. 9-15-149**

Dear Mr. May,

On behalf of Scott Technologies, Inc., AECOM is pleased to provide the First Quarter 2012 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 8, 2010 through April 7, 2011), dated June 2011, and the wells sampled during this groundwater monitoring event reflected this new schedule. Additionally, vapor samples were collected as part of the January 2012 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. 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 on November 21, 2003, and it 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, quarterly monitoring data, as well as 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 the 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 the NYSDEC in January 2007. 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 the 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 the NYSDEC in June 2010.

Per a letter from NYSDEC dated August 16, 2010, an Institutional Controls/Engineering Controls (IC/EC) certification is required for the site by July 31 of each calendar year, and it is to include four quarters of groundwater sampling based on the attached **Table 1** (proposed groundwater monitoring schedule for the site from October 2011 through July 2012). Additionally, the NYSDEC letter stated going forward the RAER should be revised into a PRR. Subsequently, the sixth year of combined DPE groundwater remediation system operation was summarized in the PRR (April 8, 2010 through April 7, 2011) and was submitted to the NYSDEC in June 2011.

Quarterly Groundwater Monitoring Activities – January 2012

AECOM personnel collected quarterly groundwater samples on January 12 and 13, 2012, in accordance with the procedures outlined in the NYSDEC-approved RDWP. Monitoring wells sampled in January 2012 included MW-2, MW-3, MW-6, MW-8R, MW-10, MW-11, MW-12, and MW-13S (**Figure 2**). Field forms generated during this sampling event are provided in **Appendix A**. Groundwater samples were analyzed for VOCs by Test America Laboratories, Inc. (Amherst, New York) using United States Environmental Protection Agency (EPA) SW-846 Method 8260B.

Prior to the collection of groundwater samples, a complete round of groundwater levels were measured in all site wells and piezometers. **Table 2** provides a summary of groundwater elevations measured on January 12, 2012. 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 12, 2012.

Groundwater elevations measured on January 12, 2012 ranged from 687.02 feet above mean sea level (AMSL) at MW-15S to 670.52 feet AMSL at MW-14D. The average groundwater surface elevation across the site was 6.9 feet lower when compared to the prior round of groundwater measurements collected on October 3, 2011. Based on the January 2012 water level measurements, the groundwater surface beneath the site exhibits inward flow towards the DPE wells and the GWCT. As **Figure 4** illustrates the DPE wells and the GWCT induce 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 potentially migrate off-site.

Groundwater Quality Results – January 2012

Table 3 summarizes VOC data for groundwater samples collected in January 2012. 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 2012**

VOCs Detected in Groundwater	Concentration Range (µg/L)	Number of Detections	Remedial Action Objective/NYCRR Exceedances
Vinyl chloride	1.4 – 2,700	5	4
1,1-Dichloroethane	9.8 – 1,400	4	4
cis-1,2-Dichloroethene	2.5 – 56,000	4	3
Chloroethane	2.5 – 19	4	3
Trichloroethene	53,000 – 99,000	2	2
1,1-Dichloroethene	1.1 – 510	2	1
Methylene Chloride	380	1	1
Benzene	1.4	1	1
1,1,1-Trichloroethane	0.88	1	0

Nine VOCs were detected in groundwater above their associated detection limit during the monitoring period. Eight of the nine VOCs detected exceeded either the site-specific RAOs for groundwater or the NYCRR criteria. The most prevalent compounds detected in groundwater in January 2012 included vinyl chloride (VC), 1,1-dichloroethane (1,1-DCA), cis-1,2-dichloroethene (cis-1,2-DCE), chloroethane, trichloroethane, and 1,1-dichloroethene (1,1-DCE). Note methylene chloride is likely a laboratory contaminate. The occurrence of the aforementioned 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 2012 groundwater monitoring event is provided in **Appendix C**. A complete hard copy of the analytical data report is on file in AECOM's Amherst, New York office, and it 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, via reductive dechlorination, continues to occur at the site naturally. In addition, attenuation may also be the result of the 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 eight monitoring wells and piezometers sampled in January 2012 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 2011, 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, MW-11, and MW-12.

Table 4 shows a summary of historical and current TCE concentrations. Although there was not a reduction in TCE concentrations between the baseline sampling event and the January 2012 monitoring event for MW-8R and MW-13S, TCE concentration observed at the two wells is within the historical range of TCE. 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 perched groundwater and soil at the site.

Quarterly Combined DPE Remediation System Vapor Effluent Monitoring Activities – January 2012

AECOM personnel collected vapor effluent samples from the combined DPE groundwater remediation system vapor discharge stacks on January 12, 2012. Summa canisters were used to collect vapor samples from permanent sample ports located on two system air stacks. **Figure 3** shows the location of both vapor sample ports. The first sample was obtained from the vapor effluent discharge from the DPE system at the liquid ring pump (LRP). The second sample was obtained from the air stripper (AS) unit discharge. Air samples were analyzed for VOCs by Method TO-15 (modified TO-14A) by Test America Laboratories, Inc. located in Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – January 2012

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** (complete hard copy available in AECOM's Amherst, New York office). Six VOCs were detected in the combined DPE remediation system LRP effluent, and ten VOCs were detected in the AS unit effluent. The total VOCs discharged in the LRP effluent were 18,900 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) and 60 $\mu\text{g}/\text{m}^3$ in the AS unit effluent. The calculated VOC discharge-loading rate for the combined DPE remediation system was approximately 0.0015 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:

- On October 24, 2011, AECOM and subcontractor Matrix Environmental Technologies Inc. (Matrix) performed the annual O&M activity and on October 25, 2011 restarted the combined GWCT and DPE remediation systems; note, per approval by NYSDEC, the combined GWCT and DPE remediation systems had been turned off during the chemical oxidation pilot test activity

- On October 25-26, 2010, Matrix performed the annual scale abatement activity of select DPE wells (DPE-1, DPE-2, DPE-3 and DPE-5) and associated conveyance piping.
- On November 21, 2011, the DPE system trailer was winterized.
- The DPE system was observed down on December 7, 2011 (LRP alarm); Matrix restarted the system on December 8, 2011.
- The DPE system was observed down on December 19, 2011 (LRP alarm); Matrix restarted the system during the week of December 19, 2011.
- The DPE system was observed down on December 30, 2011 (LRP alarm); Matrix restarted the system on December 30, 2011 and repaired air stripper effluent totalizer.
- The DPE system was observed down on January 3, 2012 (LPR alarm); Matrix restarted the system on January 4, 2012.
- The DPE system was observed down on January 8, 2012 (LRP alarm); AECOM restarted the system and contacted Matrix to schedule repairs. On January 9, 2012, Matrix inspected the system and will be submitting a quote in February 2012 to overhaul the DPE system.
- On January 16, 2012 (following the first quarter 2012 groundwater sampling event), AECOM observed the DPE system was down. The system was left off to prevent potential damage to equipment until the DPE system overhaul is performed; note the GWCT and AS remained running.

The combined DPE remediation system ran throughout the monitoring period with only a couple minor down times. Based on a system operational period from October 25, 2011 (system restart) to January 12, 2012, the total combined DPE system runtime was approximately 50.7 percent. This runtime percentage was derived from the LRP run timer divided by the monitoring time period. During this operational period, the DPE system collected an estimated 15,551 gallons of groundwater at an average flow rate of 0.14 gallons per minute (gpm). The GWCT collected 168,835 gallons of groundwater at an average flow rate of 1.52 gpm. Therefore, the estimated total volume of groundwater treated and discharged by the AS unit to the local sanitary sewer was 184,386 gallons at a combined average flow rate of 1.66 gpm.

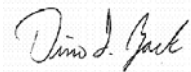
Summary

The combined DPE remediation system (DPE and GWCT) was fully operational during First Quarter 2012 groundwater sampling and monitoring activities that occurred on January 12-13, 2012. TCE was not detected above its RAO in site perimeter monitoring wells MW-2, MW-3, MW-6, MW-10, MW-11 and MW-12.

Based on the results of the January 2012 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 combined system during the First Quarter 2012 were less than the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event is scheduled for April 2012, and 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

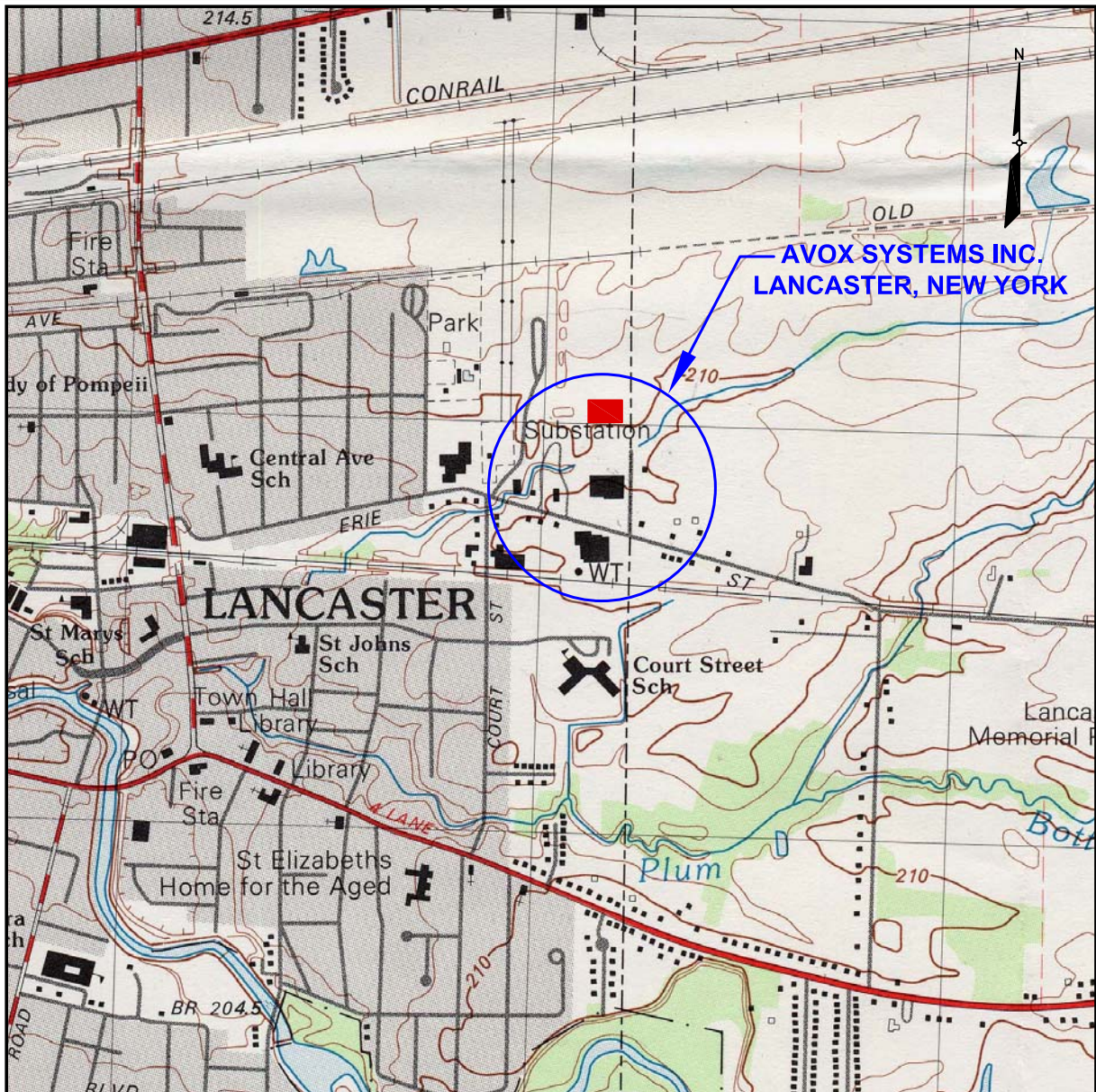


Dino L. Zack, P.G.
Project Manager
dino.zack@aecom.com

\Enclosures

cc: Deanna Ripstein, NYSDOH – Western Regional Office (Electronic Copy)
Robert Biondo, AVOX Systems Inc. (Electronic Copy)
John Perkins, Tyco Fire Protection (Electronic Copy)
Eric Frauen, O&M, Inc. (Electronic Copy)
AECOM Project File (Hard 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.

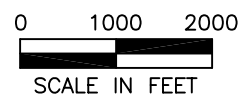
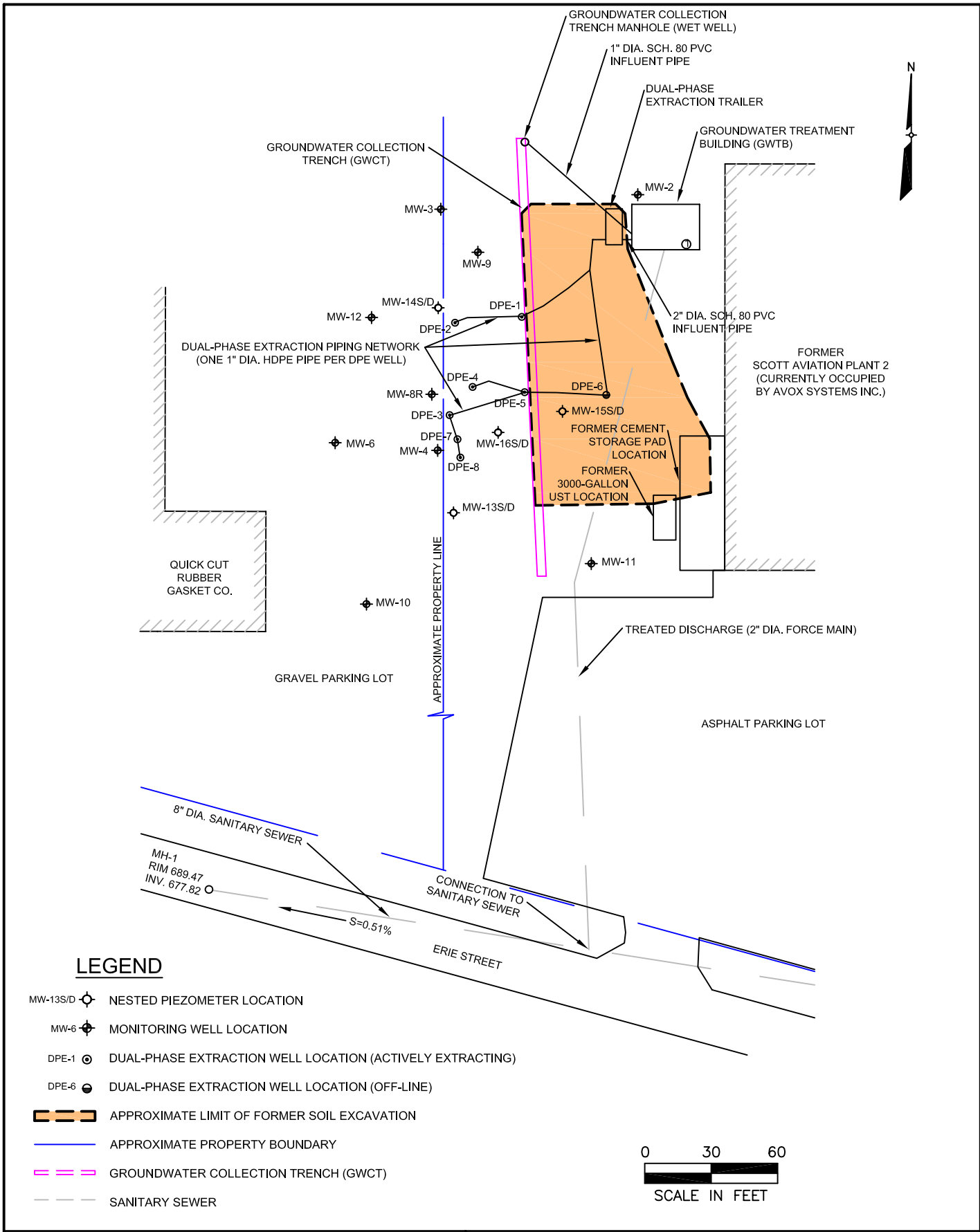


FIGURE 1
SITE LOCATION MAP

FORMER SCOTT AVIATION FACILITY AREA 1
 LANCASTER, NEW YORK

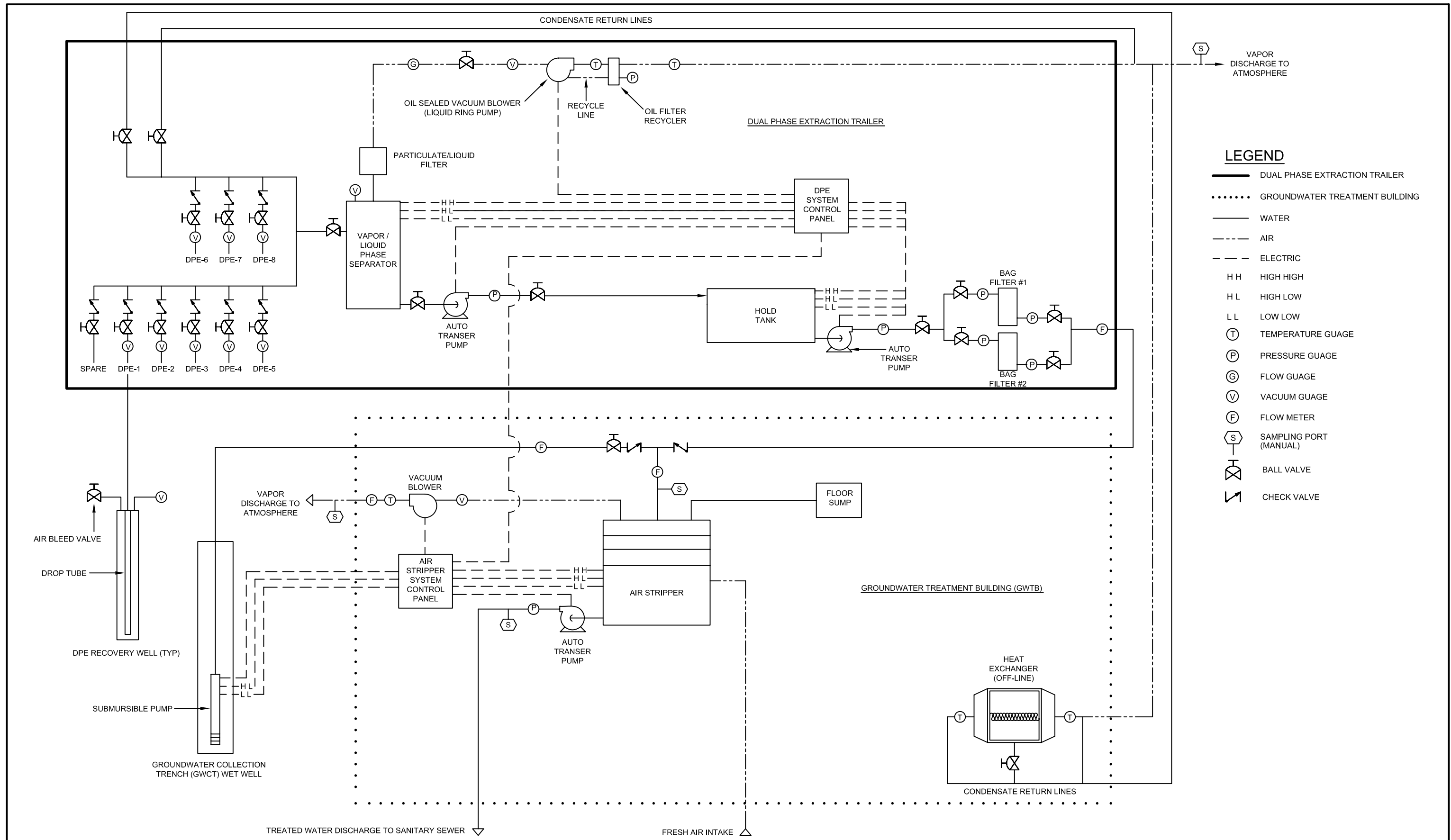




**FIGURE 2
SITE FEATURES MAP**

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)
 - (X) BALL VALVE
 - (Z) CHECK VALVE

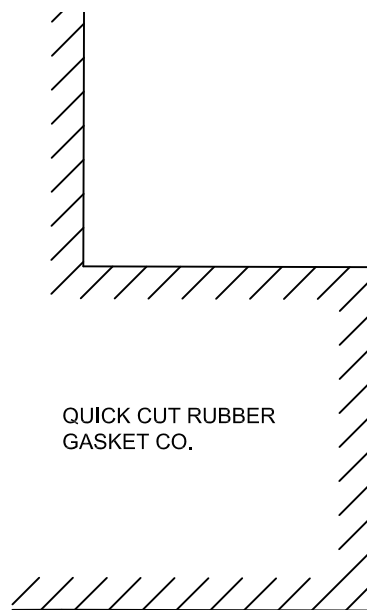


FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM
FOR COMBINED DUAL PHASE EXTRACTION
REMEDICATION SYSTEM
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

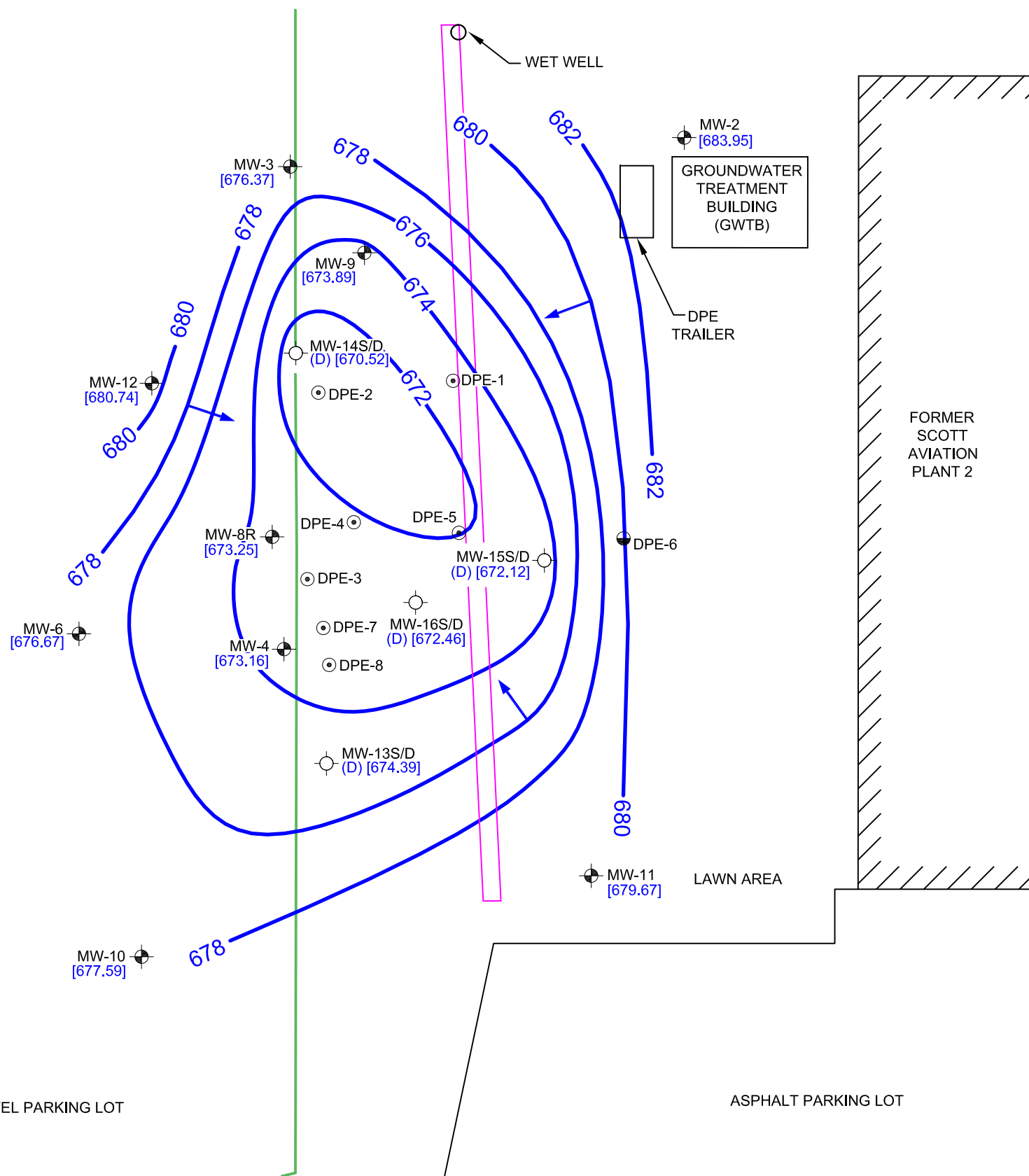
Quarterly Groundwater Monitoring Water Level Data - January 12, 2012
 Former Scott Aviation Facility
 NYSDEC Site Code No. 9-15-149
 Lancaster, New York

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	6.40	683.95
MW-3	687.02	10.65	676.37
MW-4	686.42	13.26	673.16
MW-6	686.53	9.86	676.67
MW-8R	686.21	12.96	673.25
MW-9	688.64	14.75	673.89
MW-10	687.41	9.82	677.59
MW-11	688.65	8.98	679.67
MW-12	686.15	5.41	680.74
Nested Piezometers			
MW-13S	686.60	8.11	678.49
MW-13D	686.73	12.34	674.39
MW-14S	685.70	5.10	680.60
MW-14D	685.82	15.30	670.52
MW-15S	687.52	0.50	687.02
MW-15D	687.62	15.50	672.12
MW-16S	685.84	3.80	682.04
MW-16D	686.01	13.55	672.46

Notes:
 TOC - Top of Casing
 AMSL - Above Mean Sea Level



GRAVEL PARKING LOT



LEGEND

- MW-13S/D NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION (ON -LINE)
- DPE-2 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [683.95] GROUNDWATER SURFACE ELEVATION IN FEET AMSL
- 680 — ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET AMSL
- 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 LEVELS WERE COLLECTED ON JANUARY 12, 2012.

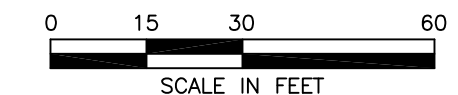


FIGURE 4
 GROUNDWATER SURFACE CONTOUR MAP
 JANUARY 2012
 DEEP OVBURDEN GROUNDWATER LEVELS
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

TABLES

Table 1

**Groundwater Monitoring Schedule - April 2012 through January 2013
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
April 2012 (Annual)	17	MW-2 MW-3 MW-4 MW-6 MW-8R MW-9 MW-10 MW-11 MW-12 MW-13S MW-13D MW-14S MW-14D MW-15S MW-15D MW-16S MW-16D
July 2012 (Quarterly)	8	MW-2 MW-3 MW-4 MW-6 MW-10 MW-11 MW-12 MW-16S
October 2012 (Quarterly)	8	MW-2 MW-3 MW-6 MW-8R MW-10 MW-11 MW-12 MW-13S
January 2013 (Quarterly)	8	MW-2 MW-3 MW-4 MW-6 MW-10 MW-11 MW-12 MW-16S

Table 2

**Quarterly Groundwater Monitoring Water Level Data - January 12, 2012
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	6.40	683.95
MW-3	687.02	10.65	676.37
MW-4	686.42	13.26	673.16
MW-6	686.53	9.86	676.67
MW-8R	686.21	12.96	673.25
MW-9	688.64	14.75	673.89
MW-10	687.41	9.82	677.59
MW-11	688.65	8.98	679.67
MW-12	686.15	5.41	680.74
Nested Piezometers			
MW-13S	686.60	8.11	678.49
MW-13D	686.73	12.34	674.39
MW-14S	685.70	5.10	680.60
MW-14D	685.82	15.30	670.52
MW-15S	687.52	0.50	687.02
MW-15D	687.62	15.50	672.12
MW-16S	685.84	3.80	682.04
MW-16D	686.01	13.55	672.46

Notes:

TOC - Top of Casing

AMSL - Above Mean Sea Level

Table 3

Summary of Laboratory Analytical Data for Groundwater - January 2012
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 01/12/12 480-14998-1	MW-3 01/13/12 480-14998-2	MW-6 01/12/12 480-14998-3	MW-8R 01/13/12 480-14998-4
Volatile Organic Compounds by Method 8260 (µg/L)					
1,1,1-Trichloroethane	5	< 1 U	< 1 U	< 1 U	< 800 U
1,1-Dichloroethane	5	< 1 U	11.0	< 1 U	520 J
1,1-Dichloroethene	5	< 1 U	< 1 U	< 1 U	510 J
Benzene	1	< 1 U	< 1 U	< 1 U	< 800 U
Chloroethane	5	3	2.5	< 1 U	< 800 U
cis-1,2-Dichloroethene	5	< 1 U	2.5	< 1 U	56,000
Methylene Chloride	5	< 1 U	< 1 U	< 1 U	< 800 U
Trichloroethene	5	< 1 U	< 1 U	< 1 U	99,000
Vinyl chloride	2	< 1 U	13	< 1 U	2,700
Volatile Organic Compounds by Method 8260 (µg/L)					
Sample ID Date Collected Lab Sample ID	Groundwater RAO/ NYCRR Objectives	MW-10 01/12/12 480-14998-5	MW-11 01/12/12 480-14998-6	MW-12 01/12/12 480-14998-7	MW-13S 01/13/12 480-14998-8
Volatile Organic Compounds by Method 8260 (µg/L)					
1,1,1-Trichloroethane	5	< 1 U	0.88 J	< 1 U	< 800 U
1,1-Dichloroethane	5	< 1 U	9.8	< 1 U	1,400
1,1-Dichloroethene	5	< 1 U	1.1	< 1 U	< 800 U
Benzene	1	< 1 U	< 1 U	1.4	< 800 U
Chloroethane	5	< 1 U	5.4	19	< 800 U
cis-1,2-Dichloroethene	5	< 1 U	33	< 1 U	30,000
Methylene Chloride	5	< 1 U	< 1 U	< 1 U	380 J
Trichloroethene	5	< 1 U	< 1 U	< 1 U	53,000
Vinyl chloride	2	< 1 U	16	1.4	770 J

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

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

Table 4

**Summary of Historical and Current Trichloroethene Concentrations
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
MW-2	<1	NA	NA	NA	<10	NA	NA	<25	<25	<25	<5	<5	<20	<5	<5	<5	<5
MW-3	<1	NA	NA	NA	<10	NA	NA	<25	<25	<25	<5	<5	<20	<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
MW-6	<1	NA	<10	<10	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.63	<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
MW-10	<1	NA	NA	NA	<10	NA	NA	<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
MW-12	NA	NA	13	<10	<10	<5	<5	<25	<25	<25	NA	<5	<20	<5	<5	<5	<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
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

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.

Table 4

Summary of Historical and Current Trichloroethene Concentrations
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 2008 ⁴	Oct 2008 ⁴	Jan 2009 ⁴	Apr 2009 ⁴	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		
MW-2	<5	<5	<5	<5	<5	<5	<25	<25	<25	350 ⁶	<1	<1	<1	<1	<1	ND	ND
MW-3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	ND	ND
MW-4	500	6,300	19,000	4,100	2,300	NS	7,400	3,000	NS	7,800	NS	13,000	NS	17,000	NS	NS	NS
MW-6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	ND	ND
MW-8R	7,400	22,000	8,400	13,000	NS	1,400	NS	2,500	19,000	NS	99,000	89,000	36,000	33,000	99,000	Increase	6%
MW-10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	ND	ND
MW- 11	1	0.81	0.77	0.95	0.69	0.97	0.77	0.95	1	0.8	NS	1.2	<1	<1	<1	ND	ND
MW-12	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	ND	ND
MW-13S	1,800	5,800	3,400	3,400	NS	400	NS	1,400	400	NS	39,000	40,000	31,000	NS	53,000	Increase	Increase
MW-16S	58,000	63,000	92,000	130,000	87,000	NS	22,000	220,000	NS	300,000	NS	250,000	NS	190,000	NS	NS	NS

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.

Table 5

Vapor Monitoring Results - January 2012
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID: Sample Date:	LRP Effluent 1/12/2012	AS Effluent 1/12/2012
<u>VOCs by Method TO-15 ($\mu\text{g}/\text{m}^3$)</u>		
Vinyl chloride	140	2.1
Chloroethane	U	9.6
Bromoethene(Vinyl Bromide)	U	0.87
Methylene Chloride	U	2.1
n-Hexane	U	1.3
1,1-Dichloroethane	110	2.2
cis-1,2-Dichloroethene	4,500	15
1,2-Dichloroethene, Total	4,500	15
Trichloroethene	9,400	11
Toluene	U	1.2
1,1,1-Trichloroethane	250	U
<hr/>		
Total Detected VOCs ($\mu\text{g}/\text{m}^3$)	18,900	60
Vacuum (inches Hg)*	20	0.44
Air Flow Rate (acfm)*	21	271
VOC discharge loading (lb/hr)	0.0015	0.0001
Total VOC discharge loading (lb/hr)	0.0015	

Notes:

* The LRP flow rate used for the calculation was recorded during the sampling activity (22 scfm, 20 in. Hg) on January 12, 2011.

* The air stripper vacuum measured on that day was 6 inches H₂O and the flow rate was 285 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 concentration **not** included in the Total Detected VOCs).



APPENDIX A

Field Forms

Date (mo/day/yr) 1/12/2012
 Field Personnel D. Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60242861
 Well ID # MW-2
 Upgradient Downgradient
 Weather Conditions heavy rain
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = 17 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 6.4 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 10.6 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = 1.7 gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation = Peristaltic Pump
 Method of Sample Collection = EPA Low Flow
 Total Volume of Water Removed _____ liter

Casing Diameter 2 inches
 Casing Material PVC
 Measuring Point Elevation 690.35 1/100 ft
 Height of Riser (above land surface) 3.35 1/100 ft
 Land Surface Elevation 687 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 (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	100	100	100	100	100	
Time (Military)	9:50	9:55	10:00	10:05	10:10	10:15	10:20
Depth to Groundwater Below Top of Casing (ft)	7.3	8.21	8.42	8.64	8.87	8.98	9.1
Drawdown (ft)	-0.9	-0.91	-0.21	-0.22	-0.23	-0.11	-0.12
pH (S.U.)	6.63	6.7	6.68	6.62	6.59	6.56	6.55
Sp. Cond. (mS/cm)	0.824	0.662	0.619	0.605	0.572	0.569	0.565
Turbidity (NTUs)	190	158	78	94	61.2	25.3	27.3
Dissolved Oxygen (mg/L)	3.11	0.64	0.58	0.48	0.41	0.39	0.35
Water Temperature (°C)	11.47	11	10.14	10.23	10.01	9.94	9.82
ORP (mV)	-102.8	-91.7	-87.5	-72.4	-69.1	-61.1	-56.2

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

COMMENTS/OBSERVATIONS Start purging at 09:45. Set tubing at center of well screen. Samples collected at 10:25. Minor iron bacteria.



APPENDIX B

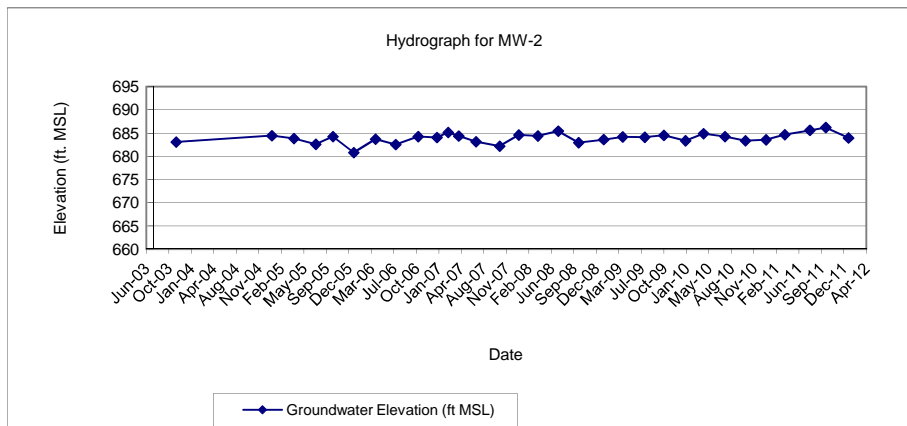
Summary of Groundwater Elevations

**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

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
 TOC Elevation as of 6/13/08 - 690.35

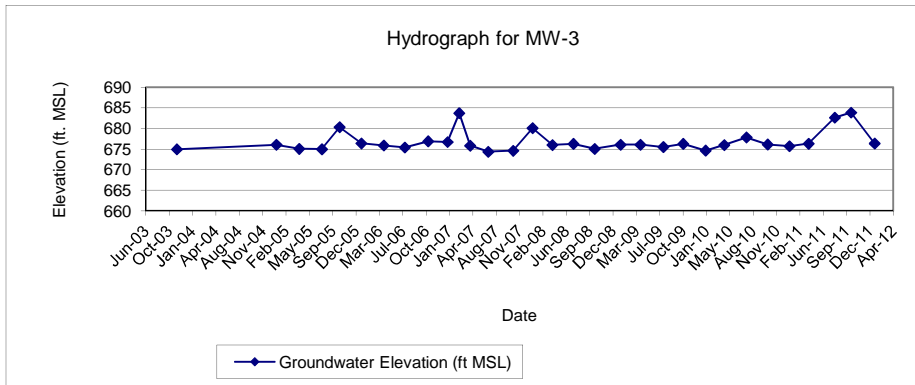


**MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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
 TOC Elevation as of 6/13/08 - 687.02

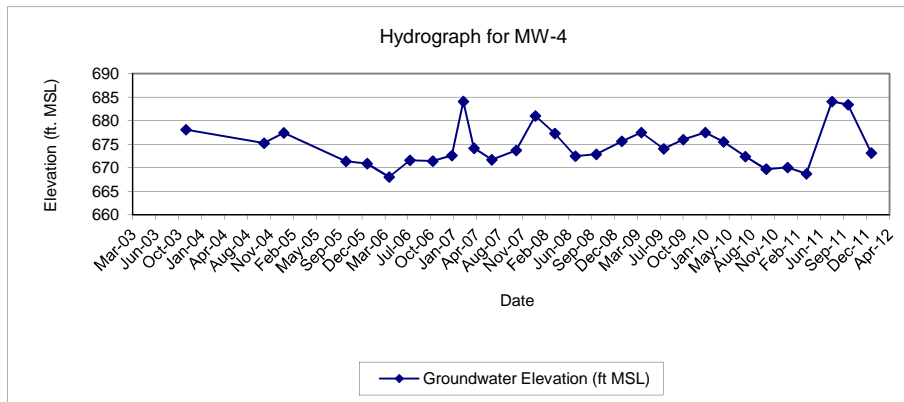


**MONITORING WELL MW-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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
 TOC Elevation as of 6/13/08 - 686.42

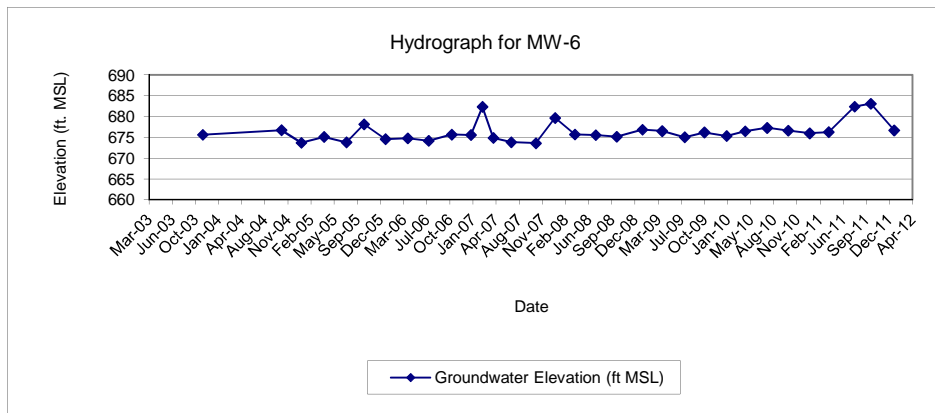


**MONITORING WELL MW-6
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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
 TOC Elevation as of 6/13/08 - 686.53

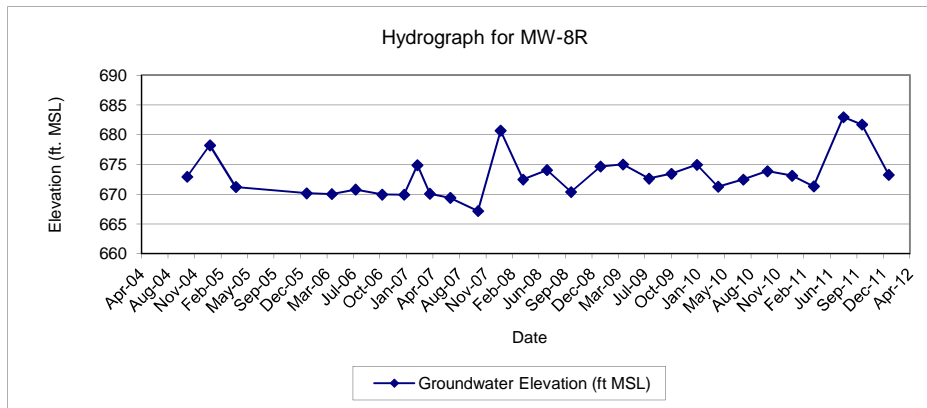


**MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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
 TOC Elevation as of 6/13/08 - 686.21

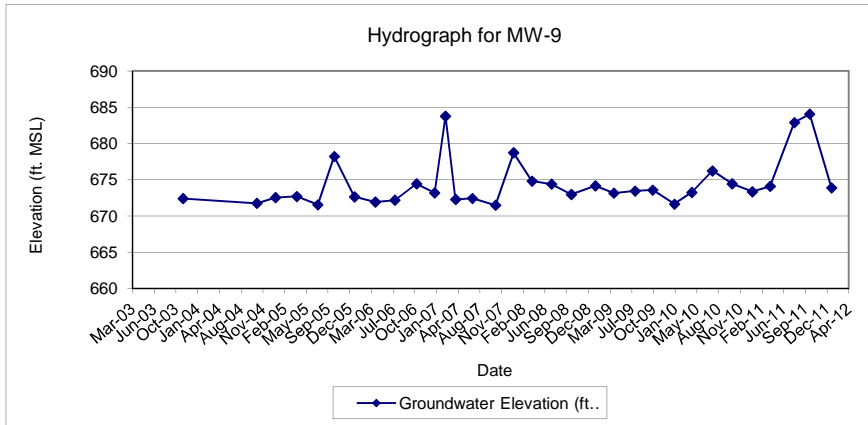


**MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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
 TOC Elevation as of 6/13/08 - 688.64

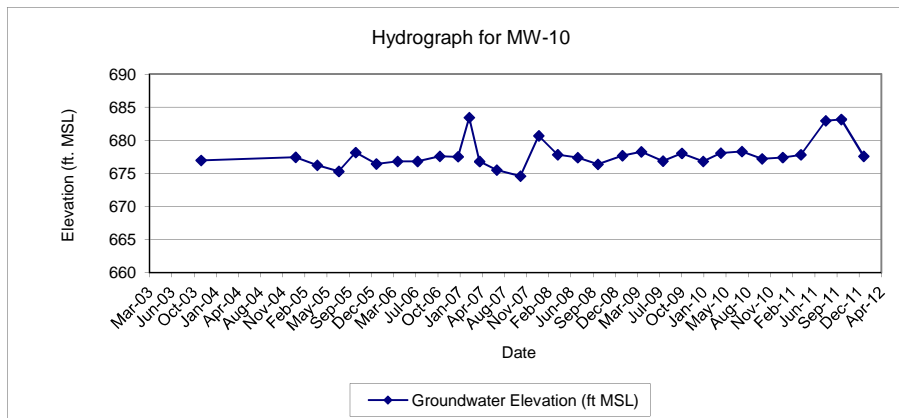


**MONITORING WELL MW-10
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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
 TOC Elevation as of 6/13/08 - 687.41

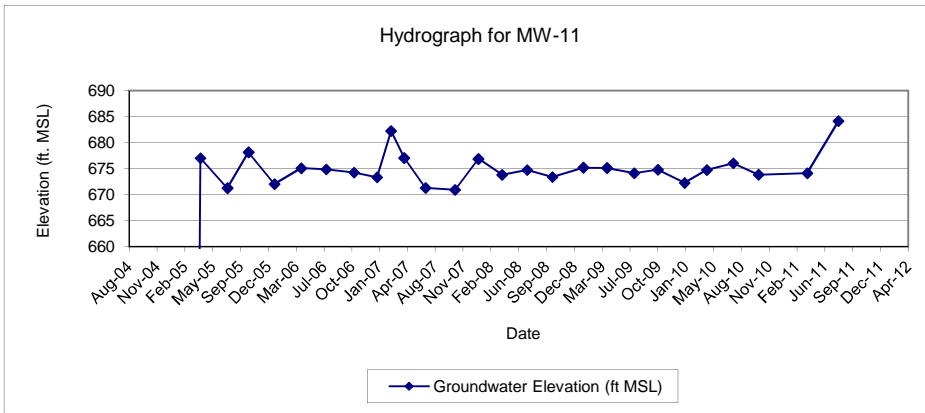


**MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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	FALSE
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	674.8
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	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

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
 TOC Elevation as of 6/13/08 - 688.65

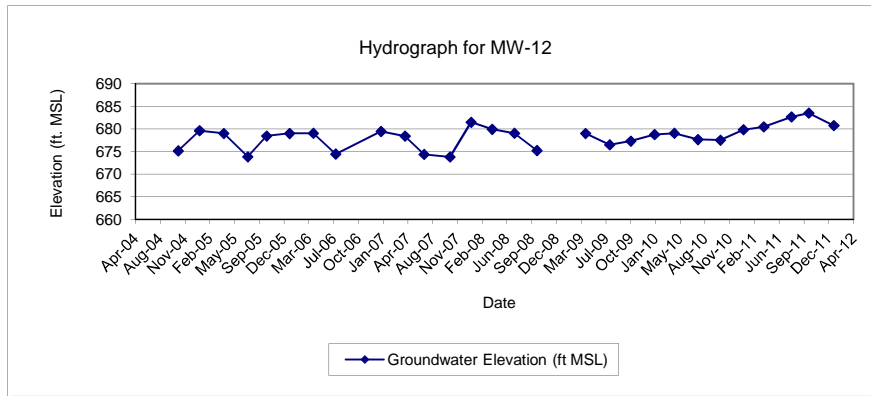


MONITORING WELL MW-12
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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 located due to snow cover
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.14

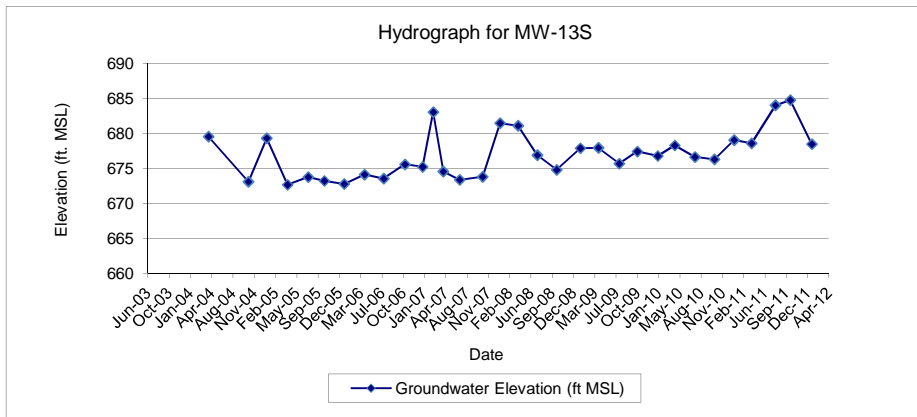


**MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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
 TOC Elevation as of 6/13/08 - 686.60



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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

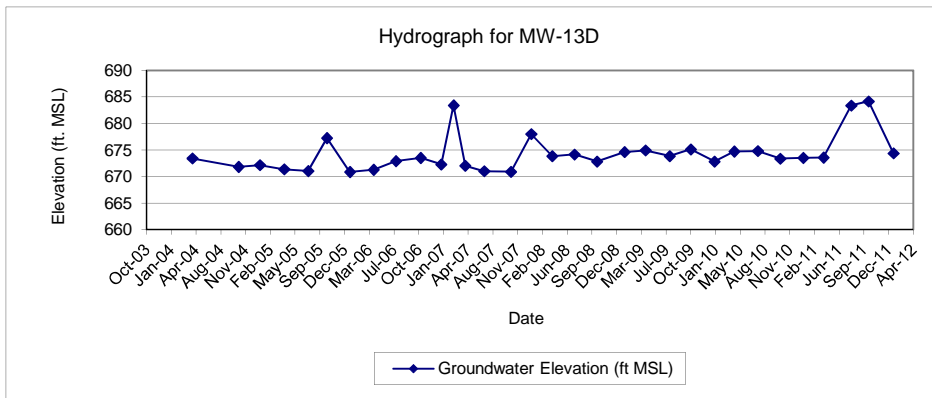
TOC - top of PVC casing

TOC Elevation - 686.71

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 686.73

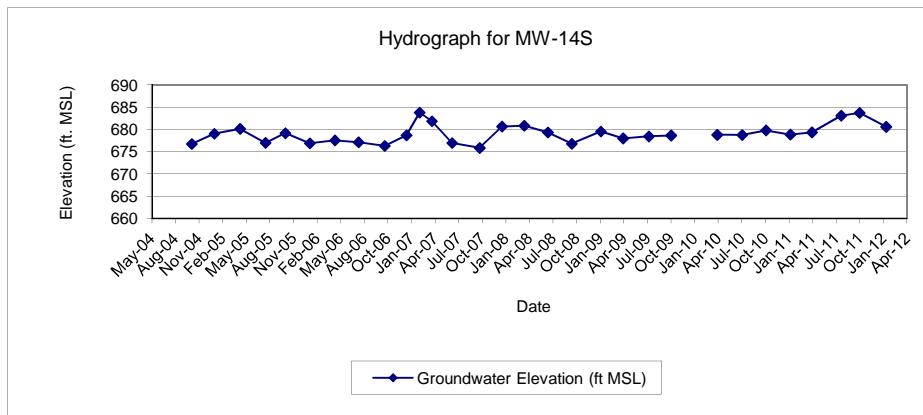


**MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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
 TOC Elevation as of 6/13/08 - 685.70

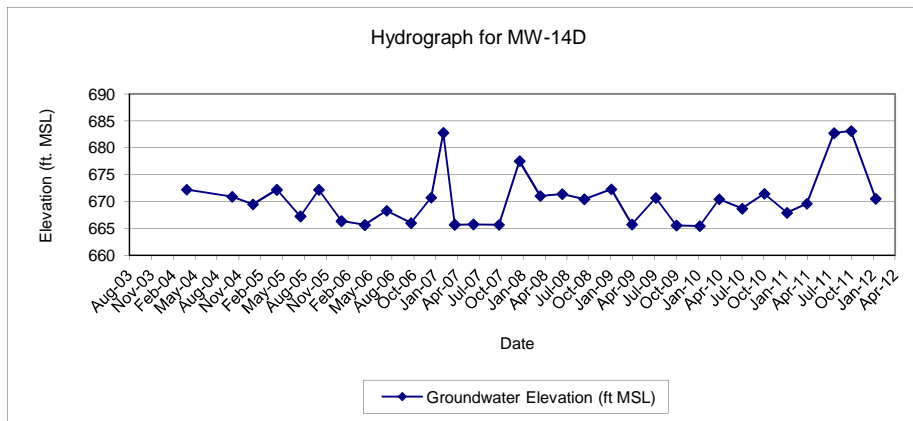


**MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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
 TOC Elevation as of 6/13/08 - 685.82



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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

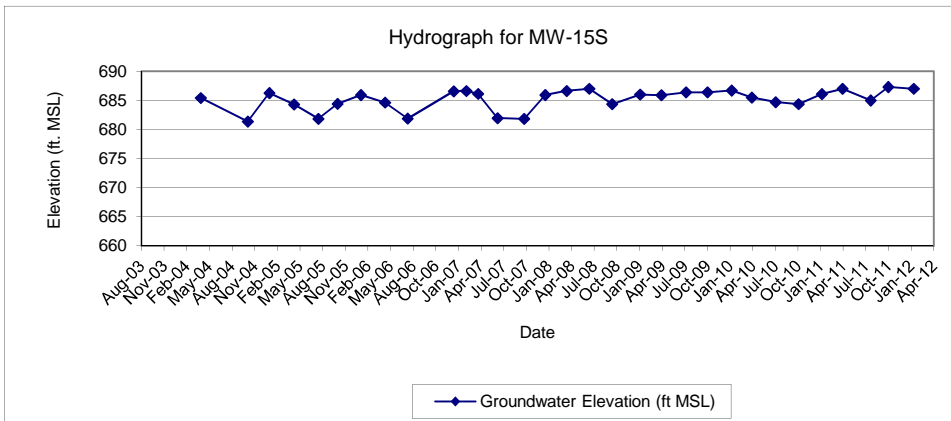
TOC - top of PVC casing

TOC Elevation - 686.64'

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

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

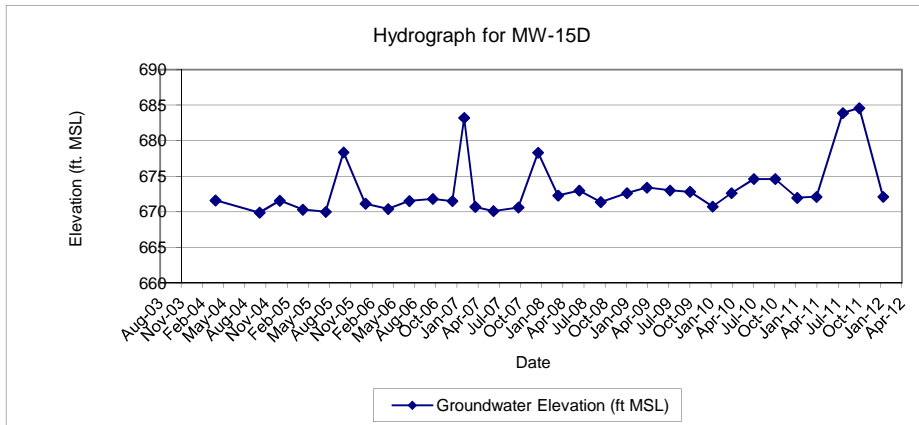


**MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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

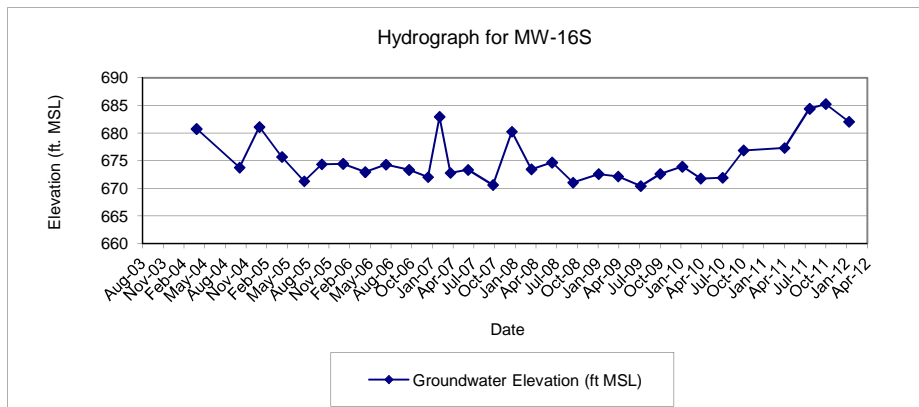


**MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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	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

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
- TOC Elevation as of 6/13/08 - 690.37'
- TOC Elevation as of 4/7/2011 - 685.84'

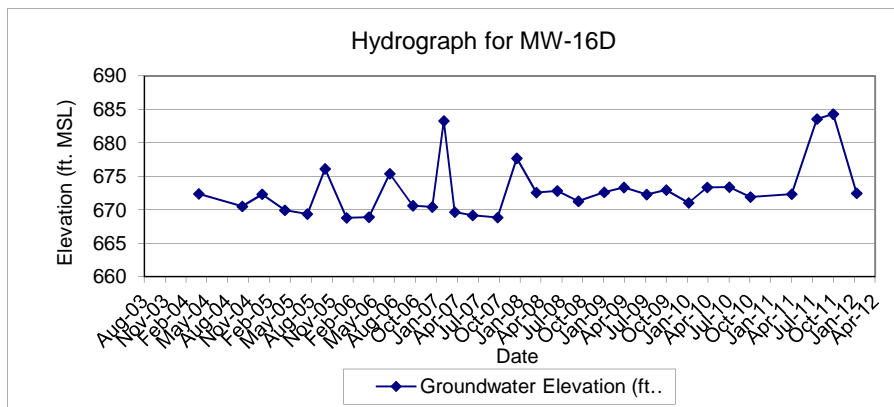


**MONITORING WELL MW-16D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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	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

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
- TOC Elevation as of 6/13/08 - 690.55'
- TOC Elevation as of 4/7/2011 - 686.01'





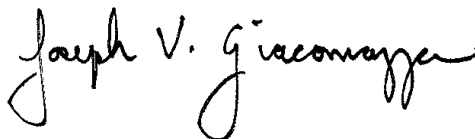
APPENDIX C

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

ANALYTICAL REPORT

Job Number: 480-14998-1
Job Description: Scott Aviation site
Sampling Event: Groundwater analysis

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



Approved for release.
Joe Giacomazza
Project Administrator
1/27/2012 2:43 PM

Designee for
Brian Fischer
Project Manager II
brian.fischer@testamericainc.com
01/27/2012

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



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Job Narrative
480-14998-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: The following sample(s) was diluted due to the abundance of target analytes: (480-14998-4 MS), (480-14998-4 MSD), Duplicate (480-14998-9), MW-8R (480-14998-4). Elevated reporting limits (RLs) are provided.

Method 8260B: The following sample was diluted due to the abundance of target analytes: MW-13S (480-14998-8). Elevated reporting limits (RLs) are provided.

Method 8260B: The following samples were diluted due to the abundance of target analytes: (480-14998-4 MSDL), (480-14998-4 MSDDL), Duplicate DL (480-14998-9 DL), MW-8R DL (480-14998-4 DL). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1

SDG No.: _____

Instrument ID: HP5973C Analysis Batch Number: 43192Lab Sample ID: STD 480-43192/2 IC Client Sample ID: _____Date Analyzed: 12/07/11 12:38 Lab File ID: C16038.D GC Column: ZB-624 (30) ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	4.94	Peak Tail	HillL	12/08/11 09:50

Lab Sample ID: STD 480-43192/3 IC Client Sample ID: _____Date Analyzed: 12/07/11 13:03 Lab File ID: C16039.D GC Column: ZB-624 (30) ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dibromo-3-Chloropropane	15.27	Baseline	HillL	12/08/11 09:48

SAMPLE SUMMARY

Client: AECOM, Inc.

Job Number: 480-14998-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-14998-1	MW-2	Ground Water	01/12/2012 1025	01/13/2012 1745
480-14998-2	MW-3	Ground Water	01/13/2012 0805	01/13/2012 1745
480-14998-3	MW-6	Ground Water	01/12/2012 1410	01/13/2012 1745
480-14998-4	MW-8R	Ground Water	01/13/2012 1050	01/13/2012 1745
480-14998-5	MW-10	Ground Water	01/12/2012 1515	01/13/2012 1745
480-14998-6	MW-11	Ground Water	01/12/2012 1105	01/13/2012 1745
480-14998-7	MW-12	Ground Water	01/12/2012 1330	01/13/2012 1745
480-14998-8	MW-13S	Ground Water	01/13/2012 0915	01/13/2012 1745
480-14998-9FD	Duplicate	Water	01/13/2012 0700	01/13/2012 1745
480-14998-10RB	Rinse Blank	Water	01/12/2012 0730	01/13/2012 1745
480-14998-11TB	Trip Blank	Water	01/13/2012 0000	01/13/2012 1745

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-14998-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-14998-1 Chloroethane	MW-2	3.0		1.0	ug/L	8260B
480-14998-2 1,1-Dichloroethane	MW-3	11		1.0	ug/L	8260B
Chloroethane		2.5		1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.5		1.0	ug/L	8260B
Vinyl chloride		13		1.0	ug/L	8260B
480-14998-4 1,1-Dichloroethane	MW-8R	520	J	800	ug/L	8260B
1,1-Dichloroethene		510	J	800	ug/L	8260B
cis-1,2-Dichloroethene		56000		800	ug/L	8260B
Trichloroethene		99000		2000	ug/L	8260B
Vinyl chloride		2700		800	ug/L	8260B
480-14998-6 1,1,1-Trichloroethane	MW-11	0.88	J	1.0	ug/L	8260B
1,1-Dichloroethane		9.8		1.0	ug/L	8260B
1,1-Dichloroethene		1.1		1.0	ug/L	8260B
Chloroethane		5.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		33		1.0	ug/L	8260B
Vinyl chloride		16		1.0	ug/L	8260B
480-14998-7 Benzene	MW-12	1.4		1.0	ug/L	8260B
Chloroethane		19		1.0	ug/L	8260B
Vinyl chloride		1.4		1.0	ug/L	8260B
480-14998-8 cis-1,2-Dichloroethene	MW-13S	30000		800	ug/L	8260B
Methylene Chloride		380	J	800	ug/L	8260B
Trichloroethene		53000		800	ug/L	8260B
Vinyl chloride		770	J	800	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-14998-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-14998-9FD	DUPLICATE					
1,1-Dichloroethane		580	J	800	ug/L	8260B
1,1-Dichloroethene		470	J	800	ug/L	8260B
cis-1,2-Dichloroethene		58000		800	ug/L	8260B
Trichloroethene		120000		2000	ug/L	8260B
Vinyl chloride		2900		800	ug/L	8260B
480-14998-10RB	RINSE BLANK					
Methylene Chloride		0.50	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: AECOM, Inc.

Job Number: 480-14998-1

Description	Lab Location	Method	Preparation Method
Matrix Ground Water			
Volatile Organic Compounds (GC/MS)	TAL BUF	SW846 8260B	
Purge and Trap	TAL BUF		SW846 5030B
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL BUF	SW846 8260B	
Purge and Trap	TAL BUF		SW846 5030B

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: 480-14998-1

Method	Analyst	Analyst ID
SW846 8260B	Coder, David	DC
SW846 8260B	Cwiklinski, Charles D	CDC

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: MW-2

Lab Sample ID: 480-14998-1

Date Sampled: 01/12/2012 1025

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16972.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1333			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1333				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	1.0
Chloroethane	3.0		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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
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: 480-14998-1

Client Sample ID: MW-2

Lab Sample ID: 480-14998-1

Date Sampled: 01/12/2012 1025

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16972.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1333			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1333				

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)	94		66 - 137
Toluene-d8 (Surr)	95		71 - 126
4-Bromofluorobenzene (Surr)	82		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: MW-3

Lab Sample ID: 480-14998-2

Date Sampled: 01/13/2012 0805

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16973.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1357			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1357				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	11		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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	1.0
Chloroethane	2.5		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	2.5		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	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	1.0
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: 480-14998-1

Client Sample ID: MW-3

Lab Sample ID: 480-14998-2

Date Sampled: 01/13/2012 0805

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16973.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1357			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1357				

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)	96		66 - 137
Toluene-d8 (Surr)	94		71 - 126
4-Bromofluorobenzene (Surr)	82		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: MW-6

Lab Sample ID: 480-14998-3

Date Sampled: 01/12/2012 1410

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16974.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1423			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1423				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
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: 480-14998-1

Client Sample ID: MW-6

Lab Sample ID: 480-14998-3

Date Sampled: 01/12/2012 1410

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16974.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1423			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1423				

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
Toluene-d8 (Surr)	95		71 - 126
4-Bromofluorobenzene (Surr)	83		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: MW-8R

Lab Sample ID: 480-14998-4

Date Sampled: 01/13/2012 1050

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16975.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1447			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1447				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		660	800
1,1,2,2-Tetrachloroethane	ND		170	800
1,1,2-Trichloroethane	ND		180	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	800
1,1-Dichloroethane	520	J	300	800
1,1-Dichloroethene	510	J	230	800
1,2,4-Trichlorobenzene	ND		330	800
1,2-Dibromo-3-Chloropropane	ND		310	800
1,2-Dibromoethane	ND		580	800
1,2-Dichlorobenzene	ND		630	800
1,2-Dichloroethane	ND		170	800
1,2-Dichloropropane	ND		580	800
1,3-Dichlorobenzene	ND		620	800
1,4-Dichlorobenzene	ND		670	800
2-Hexanone	ND		990	4000
2-Butanone (MEK)	ND		1100	8000
4-Methyl-2-pentanone (MIBK)	ND		1700	4000
Acetone	ND		2400	8000
Benzene	ND		330	800
Bromodichloromethane	ND		310	800
Bromoform	ND		210	800
Bromomethane	ND		550	800
Carbon disulfide	ND		150	800
Carbon tetrachloride	ND		220	800
Chlorobenzene	ND		600	800
Dibromochloromethane	ND		260	800
Chloroethane	ND		260	800
Chloroform	ND		270	800
Chloromethane	ND		280	800
cis-1,2-Dichloroethene	56000		650	800
cis-1,3-Dichloropropene	ND		290	800
Cyclohexane	ND		140	800
Dichlorodifluoromethane	ND		540	800
Ethylbenzene	ND		590	800
Isopropylbenzene	ND		630	800
Methyl acetate	ND		400	800
Methyl tert-butyl ether	ND		130	800
Methylcyclohexane	ND		130	800
Methylene Chloride	ND		350	800
Styrene	ND		580	800
Tetrachloroethene	ND		290	800
Toluene	ND		410	800
trans-1,2-Dichloroethene	ND		720	800
trans-1,3-Dichloropropene	ND		300	800
Trichloroethene	110000	E	370	800
Trichlorofluoromethane	ND		700	800

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: MW-8R

Lab Sample ID: 480-14998-4

Date Sampled: 01/13/2012 1050

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16975.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1447			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1447				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	2700		720	800
Xylenes, Total	ND		530	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	84		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: MW-8R

Lab Sample ID: 480-14998-4

Date Sampled: 01/13/2012 1050

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48336	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16997.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	01/18/2012 0052	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	01/18/2012 0052				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		1600	2000
1,1,2,2-Tetrachloroethane	ND		420	2000
1,1,2-Trichloroethane	ND		460	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		620	2000
1,1-Dichloroethane	ND		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-Hexanone	ND		2500	10000
2-Butanone (MEK)	ND		2600	20000
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
Dibromochloromethane	ND		640	2000
Chloroethane	ND		640	2000
Chloroform	ND		680	2000
Chloromethane	ND		700	2000
cis-1,2-Dichloroethene	53000		1600	2000
cis-1,3-Dichloropropene	ND		720	2000
Cyclohexane	ND		360	2000
Dichlorodifluoromethane	ND		1400	2000
Ethylbenzene	ND		1500	2000
Isopropylbenzene	ND		1600	2000
Methyl acetate	ND		1000	2000
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: 480-14998-1

Client Sample ID: MW-8R

Lab Sample ID: 480-14998-4

Date Sampled: 01/13/2012 1050

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48336	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16997.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	01/18/2012 0052	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	01/18/2012 0052				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	2500		1800	2000
Xylenes, Total	ND		1300	4000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		66 - 137
Toluene-d8 (Surr)	90		71 - 126
4-Bromofluorobenzene (Surr)	77		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: MW-10

Lab Sample ID: 480-14998-5

Date Sampled: 01/12/2012 1515

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16976.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1512			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1512				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
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: 480-14998-1

Client Sample ID: MW-10

Lab Sample ID: 480-14998-5

Date Sampled: 01/12/2012 1515

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16976.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1512			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1512				

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
Toluene-d8 (Surr)	95		71 - 126
4-Bromofluorobenzene (Surr)	83		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: MW-11

Lab Sample ID: 480-14998-6

Date Sampled: 01/12/2012 1105

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16977.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1538			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1538				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.88	J	0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	9.8		0.38	1.0
1,1-Dichloroethene	1.1		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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	1.0
Chloroethane	5.4		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	33		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	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	1.0
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: 480-14998-1

Client Sample ID: MW-11

Lab Sample ID: 480-14998-6

Date Sampled: 01/12/2012 1105

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16977.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1538			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1538				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	16		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
Toluene-d8 (Surr)	96		71 - 126
4-Bromofluorobenzene (Surr)	84		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: MW-12

Lab Sample ID: 480-14998-7

Date Sampled: 01/12/2012 1330

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16978.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1602			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1602				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	1.4		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
Dibromochloromethane	ND		0.32	1.0
Chloroethane	19		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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
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: 480-14998-1

Client Sample ID: MW-12

Lab Sample ID: 480-14998-7

Date Sampled: 01/12/2012 1330

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16978.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1602			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1602				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	1.4		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	84		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: MW-13S

Lab Sample ID: 480-14998-8

Date Sampled: 01/13/2012 0915

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16979.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1627			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1627				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		660	800
1,1,2,2-Tetrachloroethane	ND		170	800
1,1,2-Trichloroethane	ND		180	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	800
1,1-Dichloroethane	ND		300	800
1,1-Dichloroethene	ND		230	800
1,2,4-Trichlorobenzene	ND		330	800
1,2-Dibromo-3-Chloropropane	ND		310	800
1,2-Dibromoethane	ND		580	800
1,2-Dichlorobenzene	ND		630	800
1,2-Dichloroethane	ND		170	800
1,2-Dichloropropane	ND		580	800
1,3-Dichlorobenzene	ND		620	800
1,4-Dichlorobenzene	ND		670	800
2-Hexanone	ND		990	4000
2-Butanone (MEK)	ND		1100	8000
4-Methyl-2-pentanone (MIBK)	ND		1700	4000
Acetone	ND		2400	8000
Benzene	ND		330	800
Bromodichloromethane	ND		310	800
Bromoform	ND		210	800
Bromomethane	ND		550	800
Carbon disulfide	ND		150	800
Carbon tetrachloride	ND		220	800
Chlorobenzene	ND		600	800
Dibromochloromethane	ND		260	800
Chloroethane	ND		260	800
Chloroform	ND		270	800
Chloromethane	ND		280	800
cis-1,2-Dichloroethene	30000		650	800
cis-1,3-Dichloropropene	ND		290	800
Cyclohexane	ND		140	800
Dichlorodifluoromethane	ND		540	800
Ethylbenzene	ND		590	800
Isopropylbenzene	ND		630	800
Methyl acetate	ND		400	800
Methyl tert-butyl ether	ND		130	800
Methylcyclohexane	ND		130	800
Methylene Chloride	380	J	350	800
Styrene	ND		580	800
Tetrachloroethene	ND		290	800
Toluene	ND		410	800
trans-1,2-Dichloroethene	ND		720	800
trans-1,3-Dichloropropene	ND		300	800
Trichloroethene	53000		370	800
Trichlorofluoromethane	ND		700	800

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: MW-13S

Lab Sample ID: 480-14998-8

Date Sampled: 01/13/2012 0915

Client Matrix: Ground Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16979.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1627			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1627				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	770	J	720	800
Xylenes, Total	ND		530	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
Toluene-d8 (Surr)	95		71 - 126
4-Bromofluorobenzene (Surr)	84		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: Duplicate

Lab Sample ID: 480-14998-9FD

Date Sampled: 01/13/2012 0700

Client Matrix: Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16980.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1652			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1652				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		660	800
1,1,2,2-Tetrachloroethane	ND		170	800
1,1,2-Trichloroethane	ND		180	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	800
1,1-Dichloroethane	580	J	300	800
1,1-Dichloroethene	470	J	230	800
1,2,4-Trichlorobenzene	ND		330	800
1,2-Dibromo-3-Chloropropane	ND		310	800
1,2-Dibromoethane	ND		580	800
1,2-Dichlorobenzene	ND		630	800
1,2-Dichloroethane	ND		170	800
1,2-Dichloropropane	ND		580	800
1,3-Dichlorobenzene	ND		620	800
1,4-Dichlorobenzene	ND		670	800
2-Hexanone	ND		990	4000
2-Butanone (MEK)	ND		1100	8000
4-Methyl-2-pentanone (MIBK)	ND		1700	4000
Acetone	ND		2400	8000
Benzene	ND		330	800
Bromodichloromethane	ND		310	800
Bromoform	ND		210	800
Bromomethane	ND		550	800
Carbon disulfide	ND		150	800
Carbon tetrachloride	ND		220	800
Chlorobenzene	ND		600	800
Dibromochloromethane	ND		260	800
Chloroethane	ND		260	800
Chloroform	ND		270	800
Chloromethane	ND		280	800
cis-1,2-Dichloroethene	58000		650	800
cis-1,3-Dichloropropene	ND		290	800
Cyclohexane	ND		140	800
Dichlorodifluoromethane	ND		540	800
Ethylbenzene	ND		590	800
Isopropylbenzene	ND		630	800
Methyl acetate	ND		400	800
Methyl tert-butyl ether	ND		130	800
Methylcyclohexane	ND		130	800
Methylene Chloride	ND		350	800
Styrene	ND		580	800
Tetrachloroethene	ND		290	800
Toluene	ND		410	800
trans-1,2-Dichloroethene	ND		720	800
trans-1,3-Dichloropropene	ND		300	800
Trichloroethene	130000	E	370	800
Trichlorofluoromethane	ND		700	800

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: Duplicate

Lab Sample ID: 480-14998-9FD

Date Sampled: 01/13/2012 0700

Client Matrix: Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16980.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1652			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1652				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	2900		720	800
Xylenes, Total	ND		530	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
Toluene-d8 (Surr)	96		71 - 126
4-Bromofluorobenzene (Surr)	84		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: Duplicate

Lab Sample ID: 480-14998-9FD

Date Sampled: 01/13/2012 0700

Client Matrix: Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48336	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16998.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	01/18/2012 0117	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	01/18/2012 0117				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		1600	2000
1,1,2,2-Tetrachloroethane	ND		420	2000
1,1,2-Trichloroethane	ND		460	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		620	2000
1,1-Dichloroethane	ND		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-Hexanone	ND		2500	10000
2-Butanone (MEK)	ND		2600	20000
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
Dibromochloromethane	ND		640	2000
Chloroethane	ND		640	2000
Chloroform	ND		680	2000
Chloromethane	ND		700	2000
cis-1,2-Dichloroethene	54000		1600	2000
cis-1,3-Dichloropropene	ND		720	2000
Cyclohexane	ND		360	2000
Dichlorodifluoromethane	ND		1400	2000
Ethylbenzene	ND		1500	2000
Isopropylbenzene	ND		1600	2000
Methyl acetate	ND		1000	2000
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	120000		920	2000
Trichlorofluoromethane	ND		1800	2000

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: Duplicate

Lab Sample ID: 480-14998-9FD

Date Sampled: 01/13/2012 0700

Client Matrix: Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48336	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16998.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	01/18/2012 0117	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	01/18/2012 0117				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	2800		1800	2000
Xylenes, Total	ND		1300	4000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		66 - 137
Toluene-d8 (Surr)	91		71 - 126
4-Bromofluorobenzene (Surr)	77		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: Rinse Blank

Lab Sample ID: 480-14998-10RB

Date Sampled: 01/12/2012 0730

Client Matrix: Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16981.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1717			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1717				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	0.50	J	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: 480-14998-1

Client Sample ID: Rinse Blank

Lab Sample ID: 480-14998-10RB

Client Matrix: Water

Date Sampled: 01/12/2012 0730

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16981.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1717			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1717				

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
Toluene-d8 (Surr)	94		71 - 126
4-Bromofluorobenzene (Surr)	83		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-14998-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-14998-11TB

Date Sampled: 01/13/2012 0000

Client Matrix: Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16982.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1742			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1742				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
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: 480-14998-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-14998-11TB

Date Sampled: 01/13/2012 0000

Client Matrix: Water

Date Received: 01/13/2012 1745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C16982.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1742			Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1742				

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
Toluene-d8 (Surr)	94		71 - 126
4-Bromofluorobenzene (Surr)	83		73 - 120

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
480-14998-1	MW-2	94	95	82
480-14998-2	MW-3	96	94	82
480-14998-3	MW-6	96	95	83
480-14998-4	MW-8R	97	98	84
480-14998-4 DL	MW-8R DL	90	90	77
480-14998-5	MW-10	97	95	83
480-14998-6	MW-11	96	96	84
480-14998-7	MW-12	98	98	84
480-14998-8	MW-13S	96	95	84
480-14998-9	Duplicate	98	96	84
480-14998-9 DL	Duplicate DL	88	91	77
480-14998-10	Rinse Blank	97	94	83
480-14998-11	Trip Blank	96	94	83
MB 480-48180/5		96	95	81
MB 480-48336/5		94	95	82
LCS 480-48180/4		96	95	86
LCS 480-48336/4		93	96	82
480-14998-4 MS	MW-8R MS	99	94	83
480-14998-4 MS DL	MW-8R MS DL	93	96	84
480-14998-4 MSD	MW-8R MSD	94	95	83
480-14998-4 MSD DL	MW-8R MSD DL	95	94	83

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: 480-14998-1

Method Blank - Batch: 480-48180

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 480-48180/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/17/2012 1138
 Prep Date: 01/17/2012 1138
 Leach Date: N/A

Analysis Batch: 480-48180
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: HP5973C
 Lab File ID: C16968.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
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
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: 480-14998-1

Method Blank - Batch: 480-48180

**Method: 8260B
Preparation: 5030B**

Lab Sample ID:	MB 480-48180/5	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C16968.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1138	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1138				
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)	96	66 - 137
Toluene-d8 (Surr)	95	71 - 126
4-Bromofluorobenzene (Surr)	81	73 - 120

Lab Control Sample - Batch: 480-48180

**Method: 8260B
Preparation: 5030B**

Lab Sample ID:	LCS 480-48180/4	Analysis Batch:	480-48180	Instrument ID:	HP5973C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C16969.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/17/2012 1203	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	01/17/2012 1203				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	23.9	96	71 - 129	
1,1-Dichloroethene	25.0	22.6	90	65 - 138	
1,2-Dichlorobenzene	25.0	22.4	90	77 - 120	
1,2-Dichloroethane	25.0	23.9	96	75 - 127	
Benzene	25.0	22.9	92	71 - 124	
Chlorobenzene	25.0	22.1	88	72 - 120	
cis-1,2-Dichloroethene	25.0	21.3	85	74 - 124	
Ethylbenzene	25.0	21.8	87	77 - 123	
Methyl tert-butyl ether	25.0	22.8	91	64 - 127	
Tetrachloroethene	25.0	20.3	81	74 - 122	
Toluene	25.0	21.9	88	70 - 122	
trans-1,2-Dichloroethene	25.0	23.1	92	73 - 127	
Trichloroethene	25.0	22.0	88	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	66 - 137
Toluene-d8 (Surr)	95	71 - 126
4-Bromofluorobenzene (Surr)	86	73 - 120

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-14998-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-48180**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 480-14998-4	Analysis Batch: 480-48180	Instrument ID: HP5973C
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C16989.D
Dilution: 800	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 01/17/2012 2037		Final Weight/Volume: 5 mL
Prep Date: 01/17/2012 2037		
Leach Date: N/A		

MSD Lab Sample ID: 480-14998-4	Analysis Batch: 480-48180	Instrument ID: HP5973C
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C16990.D
Dilution: 800	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 01/17/2012 2102		Final Weight/Volume: 5 mL
Prep Date: 01/17/2012 2102		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1-Dichloroethane	107	102	71 - 129	5	20		
1,1-Dichloroethene	105	99	65 - 138	5	16		
1,2-Dichlorobenzene	95	95	77 - 120	0	20		
1,2-Dichloroethane	100	98	75 - 127	2	20		
Benzene	102	98	71 - 124	4	13		
Chlorobenzene	94	93	72 - 120	0	25		
cis-1,2-Dichloroethene	112	101	74 - 124	3	15		
Ethylbenzene	95	94	77 - 123	1	15		
Methyl tert-butyl ether	95	93	64 - 127	2	37		
Tetrachloroethene	88	86	74 - 122	2	20		
Toluene	96	95	70 - 122	1	15		
trans-1,2-Dichloroethene	106	100	73 - 127	5	20		
Trichloroethene	136	109	74 - 123	4	16	E 4	E 4
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	99		94	66 - 137			
Toluene-d8 (Surr)	94		95	71 - 126			
4-Bromofluorobenzene (Surr)	83		83	73 - 120			

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-14998-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-48180**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 480-14998-4 Units: ug/L
 Client Matrix: Water
 Dilution: 800
 Analysis Date: 01/17/2012 2037
 Prep Date: 01/17/2012 2037
 Leach Date: N/A

MSD Lab Sample ID: 480-14998-4
 Client Matrix: Water
 Dilution: 800
 Analysis Date: 01/17/2012 2102
 Prep Date: 01/17/2012 2102
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1-Dichloroethane	520 J	20000	20000	21900	20900
1,1-Dichloroethene	510 J	20000	20000	21400	20300
1,2-Dichlorobenzene	ND	20000	20000	19000	19000
1,2-Dichloroethane	ND	20000	20000	20000	19700
Benzene	ND	20000	20000	20500	19700
Chlorobenzene	ND	20000	20000	18700	18600
cis-1,2-Dichloroethene	56000	20000	20000	78700	76500
Ethylbenzene	ND	20000	20000	19000	18700
Methyl tert-butyl ether	ND	20000	20000	19000	18600
Tetrachloroethene	ND	20000	20000	17500	17200
Toluene	ND	20000	20000	19200	19000
trans-1,2-Dichloroethene	ND	20000	20000	21200	20100
Trichloroethene	110000	20000	20000	138000 E 4	133000 E 4

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-14998-1

Method Blank - Batch: 480-48336

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 480-48336/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/17/2012 2334
 Prep Date: 01/17/2012 2334
 Leach Date: N/A

Analysis Batch: 480-48336
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: HP5973C
 Lab File ID: C16995.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
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
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: 480-14998-1

Method Blank - Batch: 480-48336

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 480-48336/5	Analysis Batch: 480-48336	Instrument ID: HP5973C
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C16995.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 01/17/2012 2334	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 01/17/2012 2334		
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
Toluene-d8 (Surr)	95	71 - 126
4-Bromofluorobenzene (Surr)	82	73 - 120

Lab Control Sample - Batch: 480-48336

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: LCS 480-48336/4	Analysis Batch: 480-48336	Instrument ID: HP5973C
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C16994.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 01/17/2012 2309	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 01/17/2012 2309		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	26.4	106	71 - 129	
1,1-Dichloroethene	25.0	26.0	104	65 - 138	
1,2-Dichlorobenzene	25.0	24.4	98	77 - 120	
1,2-Dichloroethane	25.0	25.2	101	75 - 127	
Benzene	25.0	25.5	102	71 - 124	
Chlorobenzene	25.0	23.7	95	72 - 120	
cis-1,2-Dichloroethene	25.0	23.2	93	74 - 124	
Ethylbenzene	25.0	23.8	95	77 - 123	
Methyl tert-butyl ether	25.0	23.9	96	64 - 127	
Tetrachloroethene	25.0	22.5	90	74 - 122	
Toluene	25.0	24.0	96	70 - 122	
trans-1,2-Dichloroethene	25.0	26.0	104	73 - 127	
Trichloroethene	25.0	24.7	99	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	66 - 137
Toluene-d8 (Surr)	96	71 - 126
4-Bromofluorobenzene (Surr)	82	73 - 120

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-14998-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-48336**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 480-14998-4DL	Analysis Batch: 480-48336	Instrument ID: HP5973C
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C17014.D
Dilution: 2000	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 01/18/2012 0756	Run Type: DL	Final Weight/Volume: 5 mL
Prep Date: 01/18/2012 0756		
Leach Date: N/A		

MSD Lab Sample ID: 480-14998-4DL	Analysis Batch: 480-48336	Instrument ID: HP5973C
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C17015.D
Dilution: 2000	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 01/18/2012 0820	Run Type: DL	Final Weight/Volume: 5 mL
Prep Date: 01/18/2012 0820		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1-Dichloroethane	106	108	71 - 129	2	20		
1,1-Dichloroethene	104	109	65 - 138	5	16		
1,2-Dichlorobenzene	96	98	77 - 120	2	20		
1,2-Dichloroethane	101	102	75 - 127	1	20		
Benzene	101	103	71 - 124	2	13		
Chlorobenzene	96	97	72 - 120	2	25		
cis-1,2-Dichloroethene	84	88	74 - 124	2	15		
Ethylbenzene	96	98	77 - 123	2	15		
Methyl tert-butyl ether	96	96	64 - 127	1	37		
Tetrachloroethene	90	92	74 - 122	2	20		
Toluene	98	99	70 - 122	1	15		
trans-1,2-Dichloroethene	104	107	73 - 127	2	20		
Trichloroethene	86	90	74 - 123	1	16		
Surrogate		MS % Rec	MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)		93	95		66 - 137		
Toluene-d8 (Surr)		96	94		71 - 126		
4-Bromofluorobenzene (Surr)		84	83		73 - 120		

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-14998-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-48336**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 480-14998-4DL Units: ug/L
 Client Matrix: Water
 Dilution: 2000
 Analysis Date: 01/18/2012 0756
 Prep Date: 01/18/2012 0756
 Leach Date: N/A
 Run Type: DL

MSD Lab Sample ID: 480-14998-4DL
 Client Matrix: Water
 Dilution: 2000
 Analysis Date: 01/18/2012 0820
 Prep Date: 01/18/2012 0820
 Leach Date: N/A
 Run Type: DL

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1-Dichloroethane	ND	50000	50000	53200	54200
1,1-Dichloroethene	ND	50000	50000	52000	54400
1,2-Dichlorobenzene	ND	50000	50000	48000	49000
1,2-Dichloroethane	ND	50000	50000	50400	51000
Benzene	ND	50000	50000	50600	51600
Chlorobenzene	ND	50000	50000	47800	48600
cis-1,2-Dichloroethene	53000	50000	50000	94800	96600
Ethylbenzene	ND	50000	50000	48000	48800
Methyl tert-butyl ether	ND	50000	50000	47800	48200
Tetrachloroethene	ND	50000	50000	45000	46000
Toluene	ND	50000	50000	49000	49400
trans-1,2-Dichloroethene	ND	50000	50000	52200	53400
Trichloroethene	99000	50000	50000	142000	144000

DATA REPORTING QUALIFIERS

Client: AECOM, Inc.

Job Number: 480-14998-1

Lab Section	Qualifier	Description
GC/MS VOA		
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	E	Result exceeded calibration range.
	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: 480-14998-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:480-48180					
LCS 480-48180/4	Lab Control Sample	T	Water	8260B	
MB 480-48180/5	Method Blank	T	Water	8260B	
480-14998-1	MW-2	T	Water	8260B	
480-14998-2	MW-3	T	Water	8260B	
480-14998-3	MW-6	T	Water	8260B	
480-14998-4	MW-8R	T	Water	8260B	
480-14998-4MS	Matrix Spike	T	Water	8260B	
480-14998-4MSD	Matrix Spike Duplicate	T	Water	8260B	
480-14998-5	MW-10	T	Water	8260B	
480-14998-6	MW-11	T	Water	8260B	
480-14998-7	MW-12	T	Water	8260B	
480-14998-8	MW-13S	T	Water	8260B	
480-14998-9FD	Duplicate	T	Water	8260B	
480-14998-10RB	Rinse Blank	T	Water	8260B	
480-14998-11TB	Trip Blank	T	Water	8260B	
Analysis Batch:480-48336					
LCS 480-48336/4	Lab Control Sample	T	Water	8260B	
MB 480-48336/5	Method Blank	T	Water	8260B	
480-14998-4DL	MW-8R	T	Water	8260B	
480-14998-4MSDL	Matrix Spike	T	Water	8260B	
480-14998-4MSDDL	Matrix Spike Duplicate	T	Water	8260B	
480-14998-9FDDL	Duplicate	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-14998-1

Laboratory Chronicle

Lab ID: 480-14998-1

Client ID: MW-2

Sample Date/Time: 01/12/2012 10:25

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-14998-A-1		480-48180		01/17/2012 13:33	1	TAL BUF	CDC
A:8260B	480-14998-A-1		480-48180		01/17/2012 13:33	1	TAL BUF	CDC

Lab ID: 480-14998-2

Client ID: MW-3

Sample Date/Time: 01/13/2012 08:05

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-14998-A-2		480-48180		01/17/2012 13:57	1	TAL BUF	CDC
A:8260B	480-14998-A-2		480-48180		01/17/2012 13:57	1	TAL BUF	CDC

Lab ID: 480-14998-3

Client ID: MW-6

Sample Date/Time: 01/12/2012 14:10

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-14998-A-3		480-48180		01/17/2012 14:23	1	TAL BUF	CDC
A:8260B	480-14998-A-3		480-48180		01/17/2012 14:23	1	TAL BUF	CDC

Lab ID: 480-14998-4

Client ID: MW-8R

Sample Date/Time: 01/13/2012 10:50

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-14998-A-4		480-48180		01/17/2012 14:47	800	TAL BUF	CDC
A:8260B	480-14998-A-4		480-48180		01/17/2012 14:47	800	TAL BUF	CDC
P:5030B	480-14998-B-4	DL	480-48336		01/18/2012 00:52	2000	TAL BUF	DC
A:8260B	480-14998-B-4	DL	480-48336		01/18/2012 00:52	2000	TAL BUF	DC

Lab ID: 480-14998-4 MS

Client ID: MW-8R

Sample Date/Time: 01/13/2012 10:50

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-14998-A-4 MS		480-48180		01/17/2012 20:37	800	TAL BUF	CDC
A:8260B	480-14998-A-4 MS		480-48180		01/17/2012 20:37	800	TAL BUF	CDC
P:5030B	480-14998-B-4 MS	DL	480-48336		01/18/2012 07:56	2000	TAL BUF	DC
A:8260B	480-14998-B-4 MS	DL	480-48336		01/18/2012 07:56	2000	TAL BUF	DC

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-14998-1

Laboratory Chronicle

Lab ID: 480-14998-4 MSD

Client ID: MW-8R

Sample Date/Time: 01/13/2012 10:50

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-14998-A-4 MSD		480-48180		01/17/2012	21:02	800	TAL BUF	CDC
A:8260B	480-14998-A-4 MSD		480-48180		01/17/2012	21:02	800	TAL BUF	CDC
P:5030B	480-14998-B-4 MSD	DL	480-48336		01/18/2012	08:20	2000	TAL BUF	DC
A:8260B	480-14998-B-4 MSD	DL	480-48336		01/18/2012	08:20	2000	TAL BUF	DC

Lab ID: 480-14998-5

Client ID: MW-10

Sample Date/Time: 01/12/2012 15:15

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-14998-A-5		480-48180		01/17/2012	15:12	1	TAL BUF	CDC
A:8260B	480-14998-A-5		480-48180		01/17/2012	15:12	1	TAL BUF	CDC

Lab ID: 480-14998-6

Client ID: MW-11

Sample Date/Time: 01/12/2012 11:05

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-14998-A-6		480-48180		01/17/2012	15:38	1	TAL BUF	CDC
A:8260B	480-14998-A-6		480-48180		01/17/2012	15:38	1	TAL BUF	CDC

Lab ID: 480-14998-7

Client ID: MW-12

Sample Date/Time: 01/12/2012 13:30

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-14998-A-7		480-48180		01/17/2012	16:02	1	TAL BUF	CDC
A:8260B	480-14998-A-7		480-48180		01/17/2012	16:02	1	TAL BUF	CDC

Lab ID: 480-14998-8

Client ID: MW-13S

Sample Date/Time: 01/13/2012 09:15

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-14998-A-8		480-48180		01/17/2012	16:27	800	TAL BUF	CDC
A:8260B	480-14998-A-8		480-48180		01/17/2012	16:27	800	TAL BUF	CDC

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-14998-1

Laboratory Chronicle

Lab ID: 480-14998-9

Client ID: Duplicate

Sample Date/Time: 01/13/2012 07:00

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-14998-A-9		480-48180		01/17/2012 16:52	800	TAL BUF	CDC
A:8260B	480-14998-A-9		480-48180		01/17/2012 16:52	800	TAL BUF	CDC
P:5030B	480-14998-B-9	DL	480-48336		01/18/2012 01:17	2000	TAL BUF	DC
A:8260B	480-14998-B-9	DL	480-48336		01/18/2012 01:17	2000	TAL BUF	DC

Lab ID: 480-14998-10

Client ID: Rinse Blank

Sample Date/Time: 01/12/2012 07:30

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-14998-A-10		480-48180		01/17/2012 17:17	1	TAL BUF	CDC
A:8260B	480-14998-A-10		480-48180		01/17/2012 17:17	1	TAL BUF	CDC

Lab ID: 480-14998-11

Client ID: Trip Blank

Sample Date/Time: 01/13/2012 00:00

Received Date/Time: 01/13/2012 17:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-14998-A-11		480-48180		01/17/2012 17:42	1	TAL BUF	CDC
A:8260B	480-14998-A-11		480-48180		01/17/2012 17:42	1	TAL BUF	CDC

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:5030B	MB 480-48180/5		480-48180		01/17/2012 11:38	1	TAL BUF	CDC
A:8260B	MB 480-48180/5		480-48180		01/17/2012 11:38	1	TAL BUF	CDC
P:5030B	MB 480-48336/5		480-48336		01/17/2012 23:34	1	TAL BUF	DC
A:8260B	MB 480-48336/5		480-48336		01/17/2012 23:34	1	TAL BUF	DC

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:5030B	LCS 480-48180/4		480-48180		01/17/2012 12:03	1	TAL BUF	CDC
A:8260B	LCS 480-48180/4		480-48180		01/17/2012 12:03	1	TAL BUF	CDC
P:5030B	LCS 480-48336/4		480-48336		01/17/2012 23:09	1	TAL BUF	DC
A:8260B	LCS 480-48336/4		480-48336		01/17/2012 23:09	1	TAL BUF	DC

Lab References:

TAL BUF = TestAmerica Buffalo

Certification Summary

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

TestAmerica Job ID: 480-14998-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
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	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
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 8260B

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): ZB-624 (30) ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
MW-2	480-14998-1	94	95	82
MW-3	480-14998-2	96	94	82
MW-6	480-14998-3	96	95	83
MW-8R	480-14998-4	97	98	84
MW-8R DL	480-14998-4 DL	90	90	77
MW-10	480-14998-5	97	95	83
MW-11	480-14998-6	96	96	84
MW-12	480-14998-7	98	98	84
MW-13S	480-14998-8	96	95	84
Duplicate	480-14998-9	98	96	84
Duplicate DL	480-14998-9 DL	88	91	77
Rinse Blank	480-14998-10	97	94	83
Trip Blank	480-14998-11	96	94	83
	MB 480-48180/5	96	95	81
	MB 480-48336/5	94	95	82
	LCS 480-48180/4	96	95	86
	LCS 480-48336/4	93	96	82
MW-8R MS	480-14998-4 MS	99	94	83
MW-8R MS DL	480-14998-4 MS DL	93	96	84
MW-8R MSD	480-14998-4 MSD	94	95	83
MW-8R MSD DL	480-14998-4 MSD DL	95	94	83

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	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.: 480-14998-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C16969.D
 Lab ID: LCS 480-48180/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	23.9	96	71-129	
1,1-Dichloroethene	25.0	22.6	90	65-138	
1,2-Dichlorobenzene	25.0	22.4	90	77-120	
1,2-Dichloroethane	25.0	23.9	96	75-127	
Benzene	25.0	22.9	92	71-124	
Chlorobenzene	25.0	22.1	88	72-120	
cis-1,2-Dichloroethene	25.0	21.3	85	74-124	
Ethylbenzene	25.0	21.8	87	77-123	
Methyl tert-butyl ether	25.0	22.8	91	64-127	
Tetrachloroethene	25.0	20.3	81	74-122	
Toluene	25.0	21.9	88	70-122	
trans-1,2-Dichloroethene	25.0	23.1	92	73-127	
Trichloroethene	25.0	22.0	88	74-123	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C16994.D
 Lab ID: LCS 480-48336/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	26.4	106	71-129	
1,1-Dichloroethene	25.0	26.0	104	65-138	
1,2-Dichlorobenzene	25.0	24.4	98	77-120	
1,2-Dichloroethane	25.0	25.2	101	75-127	
Benzene	25.0	25.5	102	71-124	
Chlorobenzene	25.0	23.7	95	72-120	
cis-1,2-Dichloroethene	25.0	23.2	93	74-124	
Ethylbenzene	25.0	23.8	95	77-123	
Methyl tert-butyl ether	25.0	23.9	96	64-127	
Tetrachloroethene	25.0	22.5	90	74-122	
Toluene	25.0	24.0	96	70-122	
trans-1,2-Dichloroethene	25.0	26.0	104	73-127	
Trichloroethene	25.0	24.7	99	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.: 480-14998-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C16989.D
 Lab ID: 480-14998-4 MS Client ID: MW-8R MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	20000	520 J	21900	107	71-129	
1,1-Dichloroethene	20000	510 J	21400	105	65-138	
1,2-Dichlorobenzene	20000	ND	19000	95	77-120	
1,2-Dichloroethane	20000	ND	20000	100	75-127	
Benzene	20000	ND	20500	102	71-124	
Chlorobenzene	20000	ND	18700	94	72-120	
cis-1,2-Dichloroethene	20000	56000	78700	112	74-124	
Ethylbenzene	20000	ND	19000	95	77-123	
Methyl tert-butyl ether	20000	ND	19000	95	64-127	
Tetrachloroethene	20000	ND	17500	88	74-122	
Toluene	20000	ND	19200	96	70-122	
trans-1,2-Dichloroethene	20000	ND	21200	106	73-127	
Trichloroethene	20000	110000	138000	136	74-123	E 4

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C17014.D
 Lab ID: 480-14998-4 MS DL Client ID: MW-8R MS DL

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	50000	ND	53200	106	71-129	
1,1-Dichloroethene	50000	ND	52000	104	65-138	
1,2-Dichlorobenzene	50000	ND	48000	96	77-120	
1,2-Dichloroethane	50000	ND	50400	101	75-127	
Benzene	50000	ND	50600	101	71-124	
Chlorobenzene	50000	ND	47800	96	72-120	
cis-1,2-Dichloroethene	50000	53000	94800	84	74-124	
Ethylbenzene	50000	ND	48000	96	77-123	
Methyl tert-butyl ether	50000	ND	47800	96	64-127	
Tetrachloroethene	50000	ND	45000	90	74-122	
Toluene	50000	ND	49000	98	70-122	
trans-1,2-Dichloroethene	50000	ND	52200	104	73-127	
Trichloroethene	50000	99000	142000	86	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.: 480-14998-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C16990.D
 Lab ID: 480-14998-4 MSD Client ID: MW-8R MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethane	20000	20900	102	5	20	71-129	
1,1-Dichloroethene	20000	20300	99	5	16	65-138	
1,2-Dichlorobenzene	20000	19000	95	0	20	77-120	
1,2-Dichloroethane	20000	19700	98	2	20	75-127	
Benzene	20000	19700	98	4	13	71-124	
Chlorobenzene	20000	18600	93	0	25	72-120	
cis-1,2-Dichloroethene	20000	76500	101	3	15	74-124	
Ethylbenzene	20000	18700	94	1	15	77-123	
Methyl tert-butyl ether	20000	18600	93	2	37	64-127	
Tetrachloroethene	20000	17200	86	2	20	74-122	
Toluene	20000	19000	95	1	15	70-122	
trans-1,2-Dichloroethene	20000	20100	100	5	20	73-127	
Trichloroethene	20000	133000	109	4	16	74-123	E 4

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.: 480-14998-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C17015.D
 Lab ID: 480-14998-4 MSD DL Client ID: MW-8R MSD DL

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethane	50000	54200	108	2	20	71-129	
1,1-Dichloroethene	50000	54400	109	5	16	65-138	
1,2-Dichlorobenzene	50000	49000	98	2	20	77-120	
1,2-Dichloroethane	50000	51000	102	1	20	75-127	
Benzene	50000	51600	103	2	13	71-124	
Chlorobenzene	50000	48600	97	2	25	72-120	
cis-1,2-Dichloroethene	50000	96600	88	2	15	74-124	
Ethylbenzene	50000	48800	98	2	15	77-123	
Methyl tert-butyl ether	50000	48200	96	1	37	64-127	
Tetrachloroethene	50000	46000	92	2	20	74-122	
Toluene	50000	49400	99	1	15	70-122	
trans-1,2-Dichloroethene	50000	53400	107	2	20	73-127	
Trichloroethene	50000	144000	90	1	16	74-123	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Lab File ID: C16968.D Lab Sample ID: MB 480-48180/5
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: HP5973C Date Analyzed: 01/17/2012 11:38
 GC Column: ZB-624 (30) ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-48180/4	C16969.D	01/17/2012 12:03
MW-2	480-14998-1	C16972.D	01/17/2012 13:33
MW-3	480-14998-2	C16973.D	01/17/2012 13:57
MW-6	480-14998-3	C16974.D	01/17/2012 14:23
MW-8R	480-14998-4	C16975.D	01/17/2012 14:47
MW-10	480-14998-5	C16976.D	01/17/2012 15:12
MW-11	480-14998-6	C16977.D	01/17/2012 15:38
MW-12	480-14998-7	C16978.D	01/17/2012 16:02
MW-13S	480-14998-8	C16979.D	01/17/2012 16:27
Duplicate	480-14998-9	C16980.D	01/17/2012 16:52
Rinse Blank	480-14998-10	C16981.D	01/17/2012 17:17
Trip Blank	480-14998-11	C16982.D	01/17/2012 17:42
MW-8R MS	480-14998-4 MS	C16989.D	01/17/2012 20:37
MW-8R MSD	480-14998-4 MSD	C16990.D	01/17/2012 21:02

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Lab File ID: C16995.D Lab Sample ID: MB 480-48336/5
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: HP5973C Date Analyzed: 01/17/2012 23:34
 GC Column: ZB-624 (30) ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-48336/4	C16994.D	01/17/2012 23:09
MW-8R DL	480-14998-4 DL	C16997.D	01/18/2012 00:52
Duplicate DL	480-14998-9 DL	C16998.D	01/18/2012 01:17
MW-8R MS DL	480-14998-4 MS DL	C17014.D	01/18/2012 07:56
MW-8R MSD DL	480-14998-4 MSD DL	C17015.D	01/18/2012 08:20

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

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Lab File ID: C16036.D BFB Injection Date: 12/07/2011
 Instrument ID: HP5973C BFB Injection Time: 11:42
 Analysis Batch No.: 43192

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.9
75	30.0 - 60.0 % of mass 95	50.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.4
173	Less than 2.0 % of mass 174	0.3 (0.4) 1
174	50.0 - 120.00 % of mass 95	81.5
175	5.0 - 9.0 % of mass 174	5.9 (7.2) 1
176	95.0 - 101.0 % of mass 174	79.0 (97.0) 1
177	5.0 - 9.0 % of mass 176	5.5 (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
	STD 480-43192/2	C16038.D	12/07/2011	12:38
	STD 480-43192/3	C16039.D	12/07/2011	13:03
	STD 480-43192/5	C16041.D	12/07/2011	13:54
	STD 480-43192/6	C16042.D	12/07/2011	14:19
	STD 480-43192/7	C16043.D	12/07/2011	14:44
	STD 480-43192/19	C16046.D	12/07/2011	16:44

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

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Lab File ID: C16964.D BFB Injection Date: 01/17/2012
 Instrument ID: HP5973C BFB Injection Time: 09:43
 Analysis Batch No.: 48180

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.7
75	30.0 - 60.0 % of mass 95	53.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.0
173	Less than 2.0 % of mass 174	0.6 (0.9) 1
174	50.0 - 120.00 % of mass 95	70.0
175	5.0 - 9.0 % of mass 174	5.5 (7.9) 1
176	95.0 - 101.0 % of mass 174	68.6 (97.9) 1
177	5.0 - 9.0 % of mass 176	4.7 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-48180/2	C16965.D	01/17/2012	10:12
	MB 480-48180/5	C16968.D	01/17/2012	11:38
	LCS 480-48180/4	C16969.D	01/17/2012	12:03
MW-2	480-14998-1	C16972.D	01/17/2012	13:33
MW-3	480-14998-2	C16973.D	01/17/2012	13:57
MW-6	480-14998-3	C16974.D	01/17/2012	14:23
MW-8R	480-14998-4	C16975.D	01/17/2012	14:47
MW-10	480-14998-5	C16976.D	01/17/2012	15:12
MW-11	480-14998-6	C16977.D	01/17/2012	15:38
MW-12	480-14998-7	C16978.D	01/17/2012	16:02
MW-13S	480-14998-8	C16979.D	01/17/2012	16:27
Duplicate	480-14998-9	C16980.D	01/17/2012	16:52
Rinse Blank	480-14998-10	C16981.D	01/17/2012	17:17
Trip Blank	480-14998-11	C16982.D	01/17/2012	17:42
MW-8R MS	480-14998-4 MS	C16989.D	01/17/2012	20:37
MW-8R MSD	480-14998-4 MSD	C16990.D	01/17/2012	21:02

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

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Lab File ID: C16991.D BFB Injection Date: 01/17/2012
 Instrument ID: HP5973C BFB Injection Time: 21:31
 Analysis Batch No.: 48336

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.3
75	30.0 - 60.0 % of mass 95	52.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.6
173	Less than 2.0 % of mass 174	0.3 (0.4) 1
174	50.0 - 120.00 % of mass 95	76.3
175	5.0 - 9.0 % of mass 174	5.7 (7.5) 1
176	95.0 - 101.0 % of mass 174	73.2 (96.0) 1
177	5.0 - 9.0 % of mass 176	5.0 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-48336/2	C16992.D	01/17/2012	22:00
	LCS 480-48336/4	C16994.D	01/17/2012	23:09
	MB 480-48336/5	C16995.D	01/17/2012	23:34
MW-8R DL	480-14998-4 DL	C16997.D	01/18/2012	00:52
Duplicate DL	480-14998-9 DL	C16998.D	01/18/2012	01:17
MW-8R MS DL	480-14998-4 MS DL	C17014.D	01/18/2012	07:56
MW-8R MSD DL	480-14998-4 MSD DL	C17015.D	01/18/2012	08:20

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

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Sample No.: STD 480-43192/5 Date Analyzed: 12/07/2011 13:54
 Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm)
 Lab File ID (Standard): C16041.D Heated Purge: (Y/N) N
 Calibration ID: 5233

	DFB		CBZ		DCB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	535001	9.52	278674	11.90	273679	13.93
UPPER LIMIT	1070002	10.02	557348	12.40	547358	14.43
LOWER LIMIT	267501	9.02	139337	11.40	136840	13.43
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCVIS 480-48180/2	539542	9.52	291310	11.90	269867	13.93
CCVIS 480-48336/2	520654	9.52	281073	11.90	260485	13.93

DFB = 1,4-Difluorobenzene
 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.: 480-14998-1
 SDG No.: _____
 Sample No.: CCVIS 480-48180/2 Date Analyzed: 01/17/2012 10:12
 Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm)
 Lab File ID (Standard): C16965.D Heated Purge: (Y/N) N
 Calibration ID: 5234

	DFB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	539542	9.52	291310	11.90	269867	13.93	
UPPER LIMIT	1079084	10.02	582620	12.40	539734	14.43	
LOWER LIMIT	269771	9.02	145655	11.40	134934	13.43	
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 480-48180/5	528476	9.52	282515	11.90	244745	13.93	
LCS 480-48180/4	527295	9.52	280344	11.90	250197	13.93	
480-14998-1	MW-2	519741	9.52	274784	11.90	240853	13.94
480-14998-2	MW-3	505296	9.52	272100	11.90	235286	13.93
480-14998-3	MW-6	507889	9.52	269921	11.90	235109	13.93
480-14998-4	MW-8R	512492	9.52	268672	11.90	236522	13.94
480-14998-5	MW-10	499825	9.52	267389	11.90	233584	13.93
480-14998-6	MW-11	508071	9.52	268247	11.90	230080	13.93
480-14998-7	MW-12	500710	9.52	265031	11.90	235001	13.93
480-14998-8	MW-13S	505003	9.52	269730	11.90	246607	13.93
480-14998-9	Duplicate	503728	9.52	269407	11.90	241275	13.93
480-14998-10	Rinse Blank	498160	9.52	269917	11.90	239570	13.93
480-14998-11	Trip Blank	502327	9.52	270533	11.90	242503	13.93
480-14998-4 MS	MW-8R MS	515483	9.52	281130	11.90	251595	13.93
480-14998-4 MSD	MW-8R MSD	522102	9.52	278566	11.90	250081	13.93

DFB = 1,4-Difluorobenzene
 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.: 480-14998-1
 SDG No.: _____
 Sample No.: CCVIS 480-48336/2 Date Analyzed: 01/17/2012 22:00
 Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm)
 Lab File ID (Standard): C16992.D Heated Purge: (Y/N) N
 Calibration ID: 5234

	DFB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	520654	9.52	281073	11.90	260485	13.93	
UPPER LIMIT	1041308	10.02	562146	12.40	520970	14.43	
LOWER LIMIT	260327	9.02	140537	11.40	130243	13.43	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-48336/4	523390	9.52	282465	11.90	252341	13.94	
MB 480-48336/5	523967	9.52	281627	11.90	242970	13.93	
480-14998-4 DL	MW-8R DL	549834	9.52	295683	11.90	257804	13.94
480-14998-9 DL	Duplicate DL	551527	9.52	293016	11.90	256465	13.93
480-14998-4 MS DL	MW-8R MS DL	520866	9.52	276308	11.90	250393	13.93
480-14998-4 MSD DL	MW-8R MSD DL	522862	9.52	279240	11.90	247728	13.93

DFB = 1,4-Difluorobenzene
 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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-2 Lab Sample ID: 480-14998-1
 Matrix: Ground Water Lab File ID: C16972.D
 Analysis Method: 8260B Date Collected: 01/12/2012 10:25
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 13:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	3.0		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
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-2 Lab Sample ID: 480-14998-1
 Matrix: Ground Water Lab File ID: C16972.D
 Analysis Method: 8260B Date Collected: 01/12/2012 10:25
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 13:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	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
2037-26-5	Toluene-d8 (Surr)	95		71-126
460-00-4	4-Bromofluorobenzene (Surr)	82		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16972.D
 Lims ID: 480-14998-A-1 Client ID: MW-2
 Inject. Date: 17-Jan-2012 13:33:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-14998-A-1
 Misc. Info.: 480-0008916-006
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 33
 Lims Batch ID: 48180 Lims Sample ID: 6
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 21:38:24

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	96	519741	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	274784	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.940	13.928	0.012	94	240853	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	95575	23.4	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	584481	23.7	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	168288	20.4	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62		5.188					
14 Bromomethane	94		5.793					
15 Chloroethane	64	5.947	5.935	0.012	53	15776	2.97	
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96		6.931					
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.690					
39 1,1-Dichloroethane	63		8.081					
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96		8.580					
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95		9.777					
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.935					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 17-Jan-2012 21:38:24

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16972.D

Injection Date: 17-Jan-2012 13:33:30

Limit Group: MV - 8260B ICAL

Client ID: MW-2

Instrument ID: HP5973C

Lims Batch ID: 48180

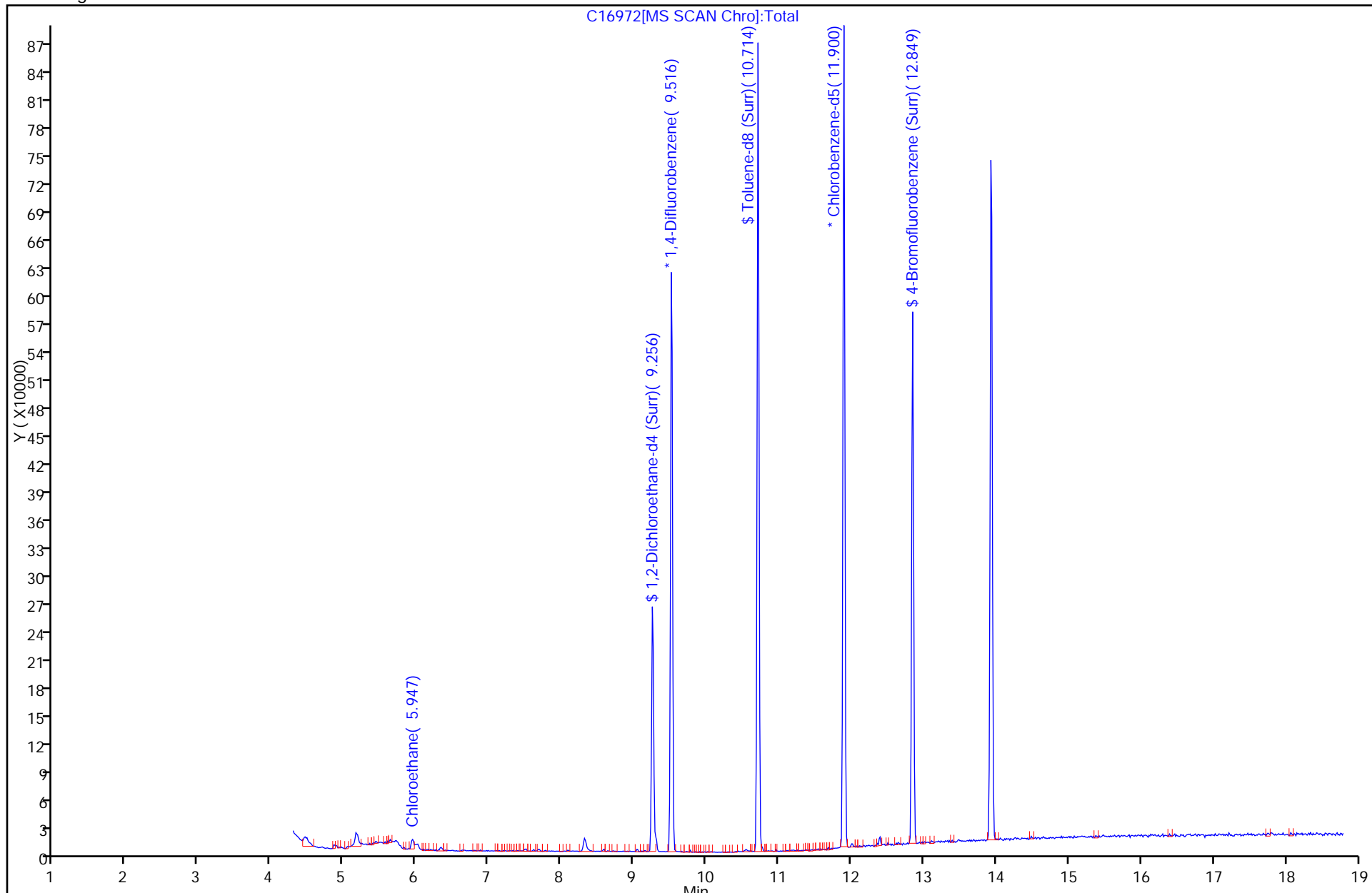
Lims Sample ID: 6

Operator ID: LH

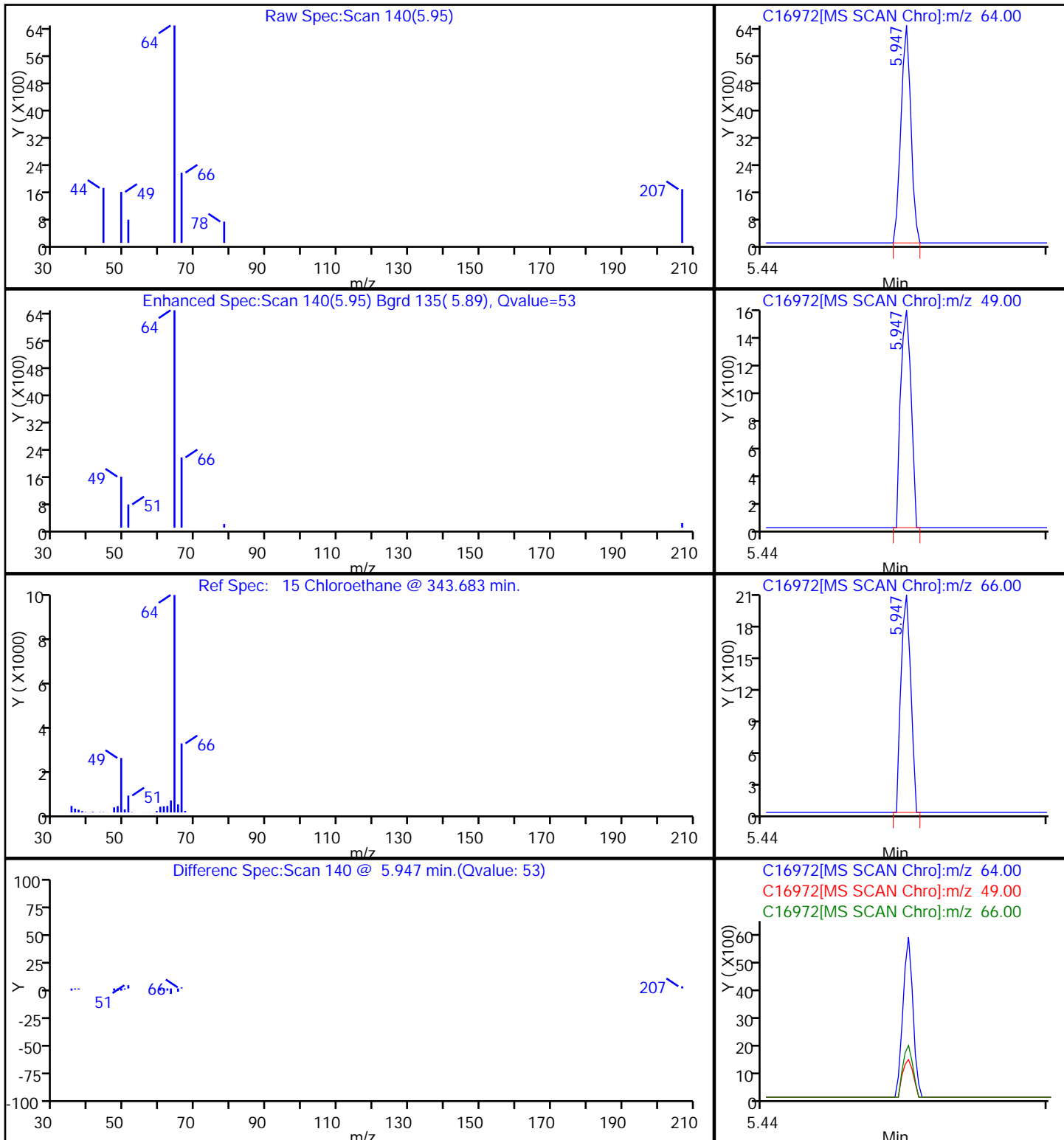
Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



15 Chloroethane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-14998-2
 Matrix: Ground Water Lab File ID: C16973.D
 Analysis Method: 8260B Date Collected: 01/13/2012 08:05
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 13:57
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	11		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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	2.5		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	2.5		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
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-14998-2
 Matrix: Ground Water Lab File ID: C16973.D
 Analysis Method: 8260B Date Collected: 01/13/2012 08:05
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 13:57
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	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)	96		66-137
2037-26-5	Toluene-d8 (Surr)	94		71-126
460-00-4	4-Bromofluorobenzene (Surr)	82		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16973.D
 Lims ID: 480-14998-A-2 Client ID: MW-3
 Inject. Date: 17-Jan-2012 13:57:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-14998-A-2
 Misc. Info.: 480-0008916-007
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 34
 Lims Batch ID: 48180 Lims Sample ID: 7
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 21:38:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	96	505296	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	272100	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	97	235286	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	95585	24.1	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	574727	23.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	167979	20.6	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62	5.176	5.188	-0.012	82	113158	13.4	
14 Bromomethane	94		5.793					
15 Chloroethane	64	5.947	5.935	0.012	52	12799	2.48	
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96		6.931					
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.690					
39 1,1-Dichloroethane	63	8.082	8.081	0.001	84	132970	10.6	
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	59	19640	2.51	
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95		9.777					
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.935					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 17-Jan-2012 21:38:40

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16973.D

Injection Date: 17-Jan-2012 13:57:30

Limit Group: MV - 8260B ICAL

Client ID: MW-3

Instrument ID: HP5973C

Lims Batch ID: 48180

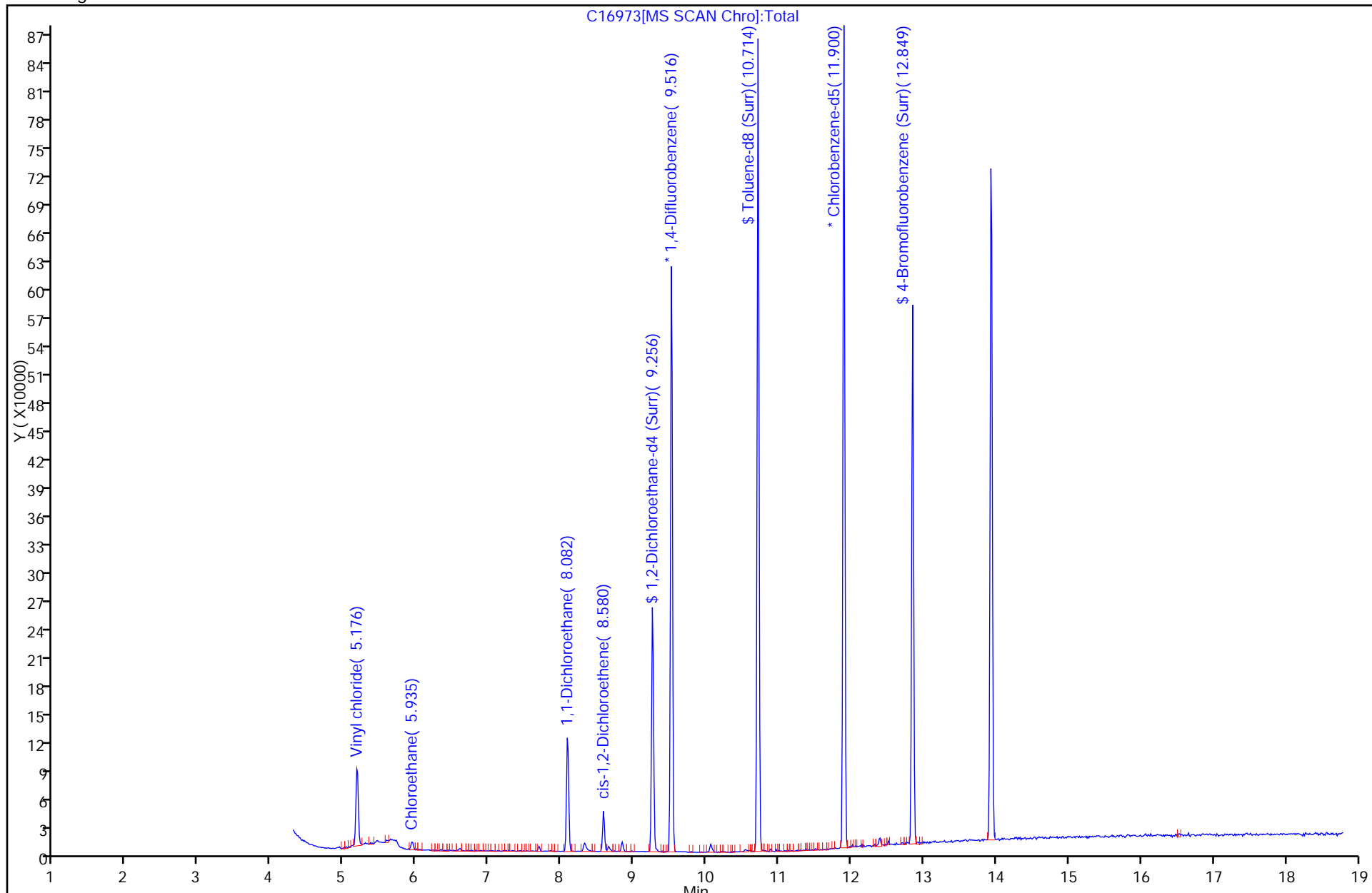
Lims Sample ID: 7

Operator ID: LH

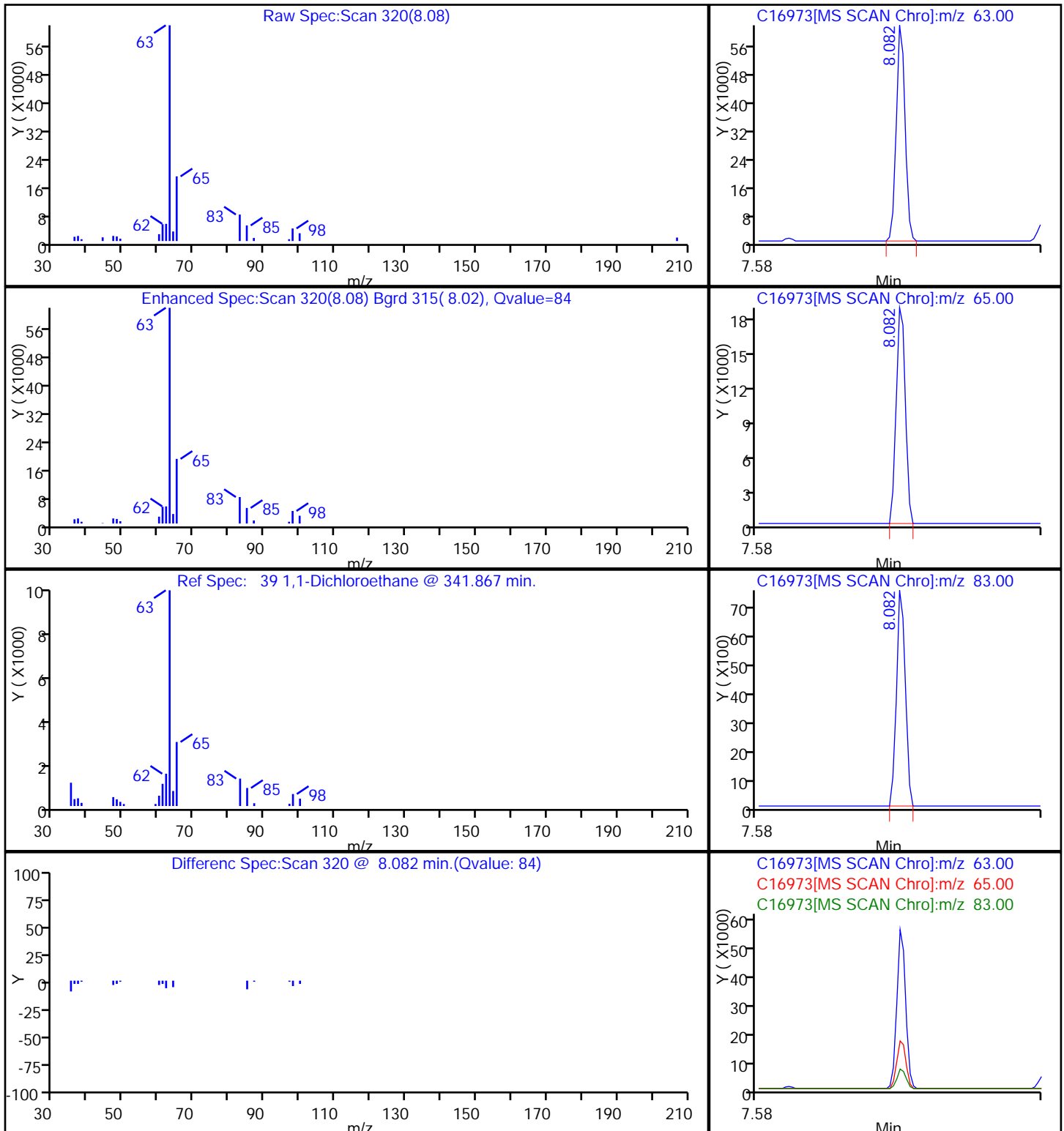
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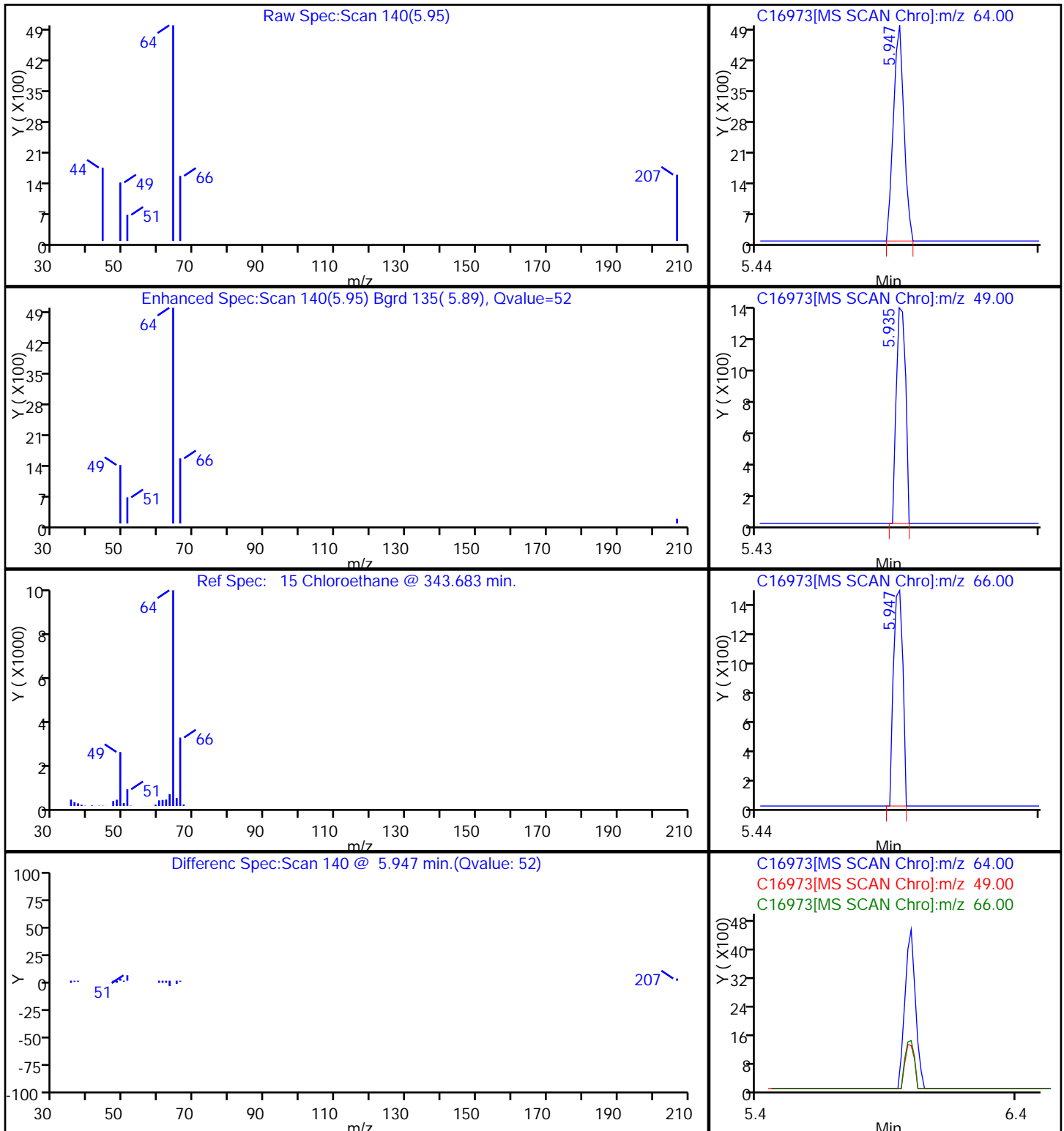
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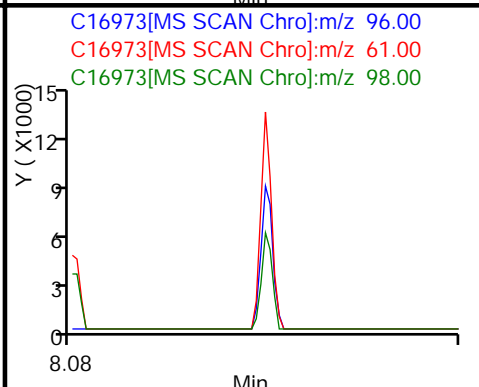
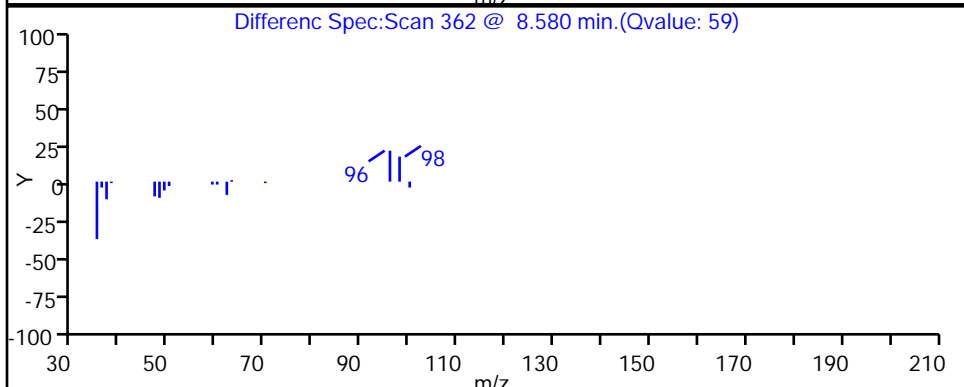
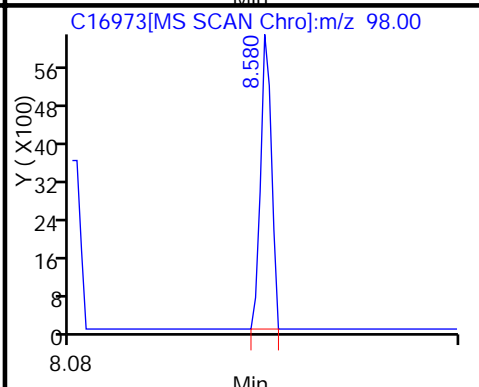
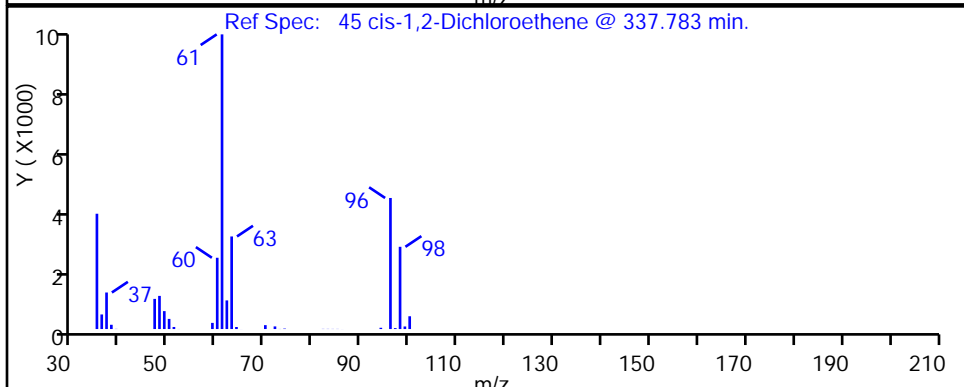
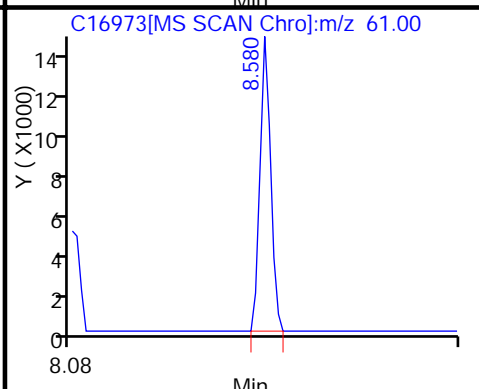
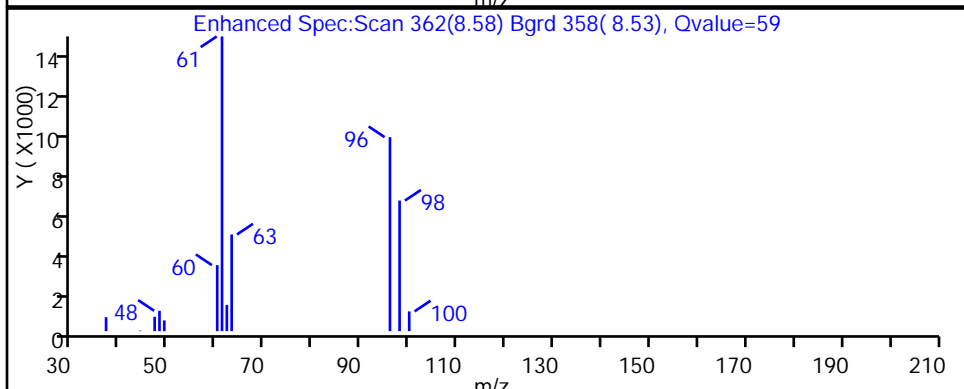
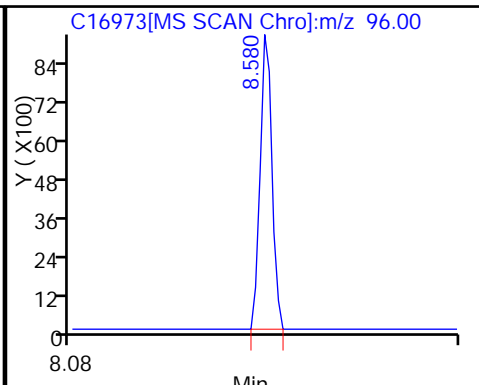
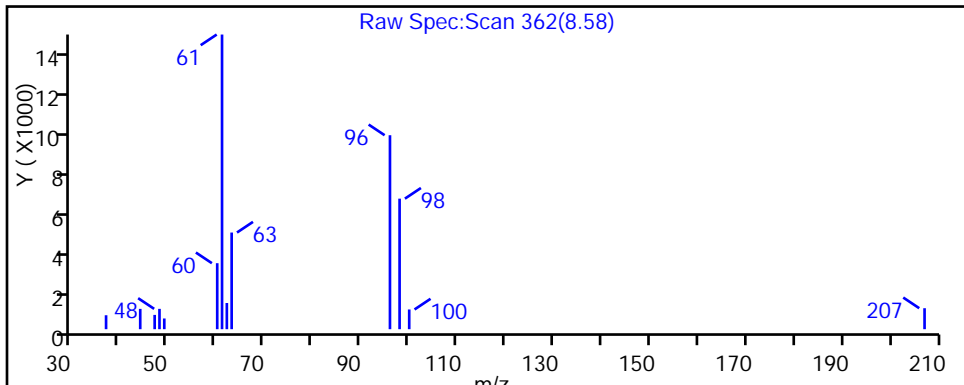
39 1,1-Dichloroethane



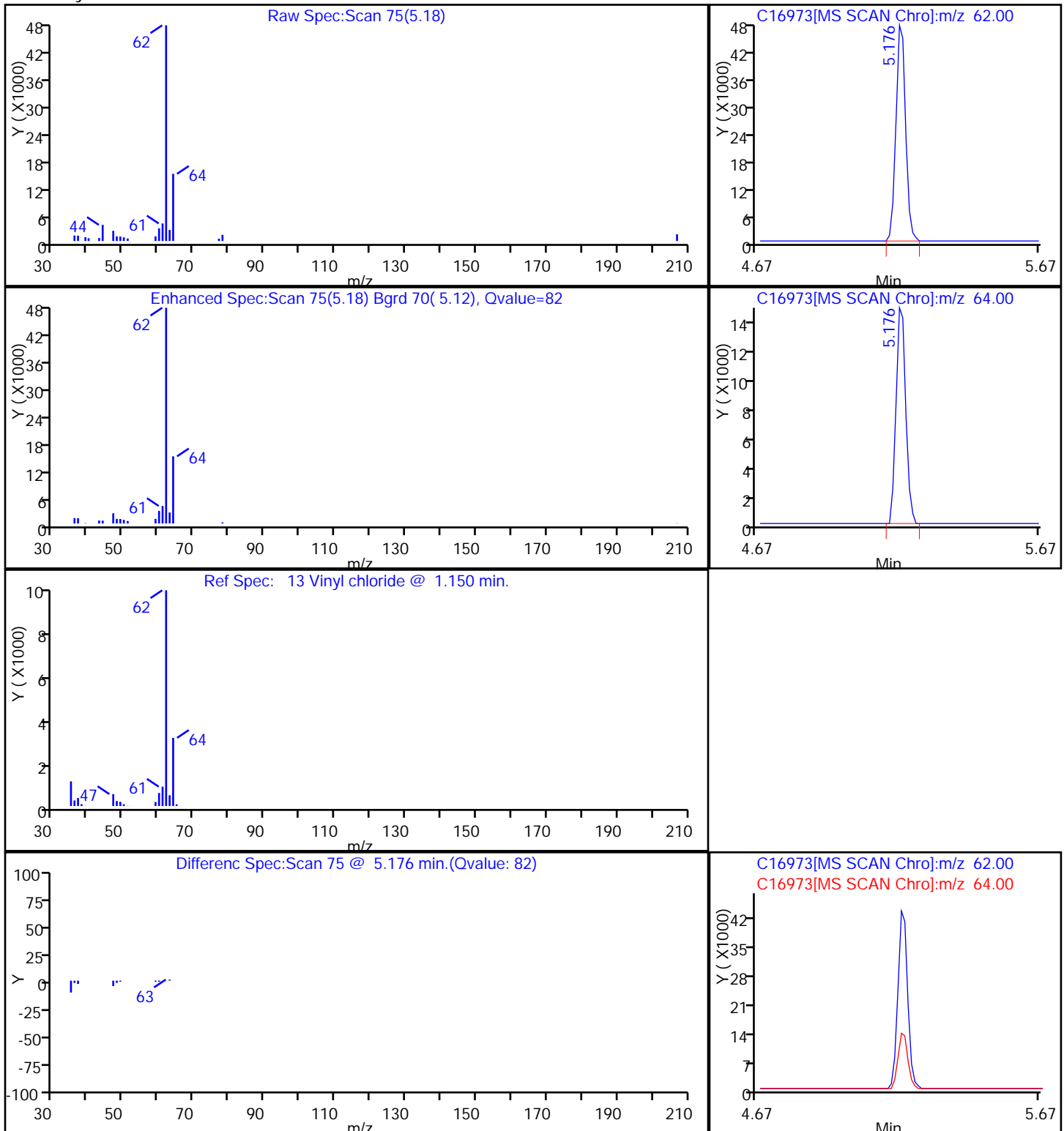
15 Chloroethane



45 cis-1,2-Dichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-6 Lab Sample ID: 480-14998-3
 Matrix: Ground Water Lab File ID: C16974.D
 Analysis Method: 8260B Date Collected: 01/12/2012 14:10
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 14:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-6 Lab Sample ID: 480-14998-3
 Matrix: Ground Water Lab File ID: C16974.D
 Analysis Method: 8260B Date Collected: 01/12/2012 14:10
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 14:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	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
2037-26-5	Toluene-d8 (Surr)	95		71-126
460-00-4	4-Bromofluorobenzene (Surr)	83		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16974.D
 Lims ID: 480-14998-A-3 Client ID: MW-6
 Inject. Date: 17-Jan-2012 14:23:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-14998-A-3
 Misc. Info.: 480-0008916-008
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 35
 Lims Batch ID: 48180 Lims Sample ID: 8
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 21:38:48

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.517	9.516	0.001	95	507889	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	269921	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	97	235109	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	95813	24.0	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	576566	23.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	167566	20.7	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62		5.188					
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96		6.931					
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.690					
39 1,1-Dichloroethane	63		8.081					
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96		8.580					
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95		9.777					
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.935					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 17-Jan-2012 21:38:48

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16974.D

Injection Date: 17-Jan-2012 14:23:30

Limit Group: MV - 8260B ICAL

Client ID: MW-6

Instrument ID: HP5973C

Lims Batch ID: 48180

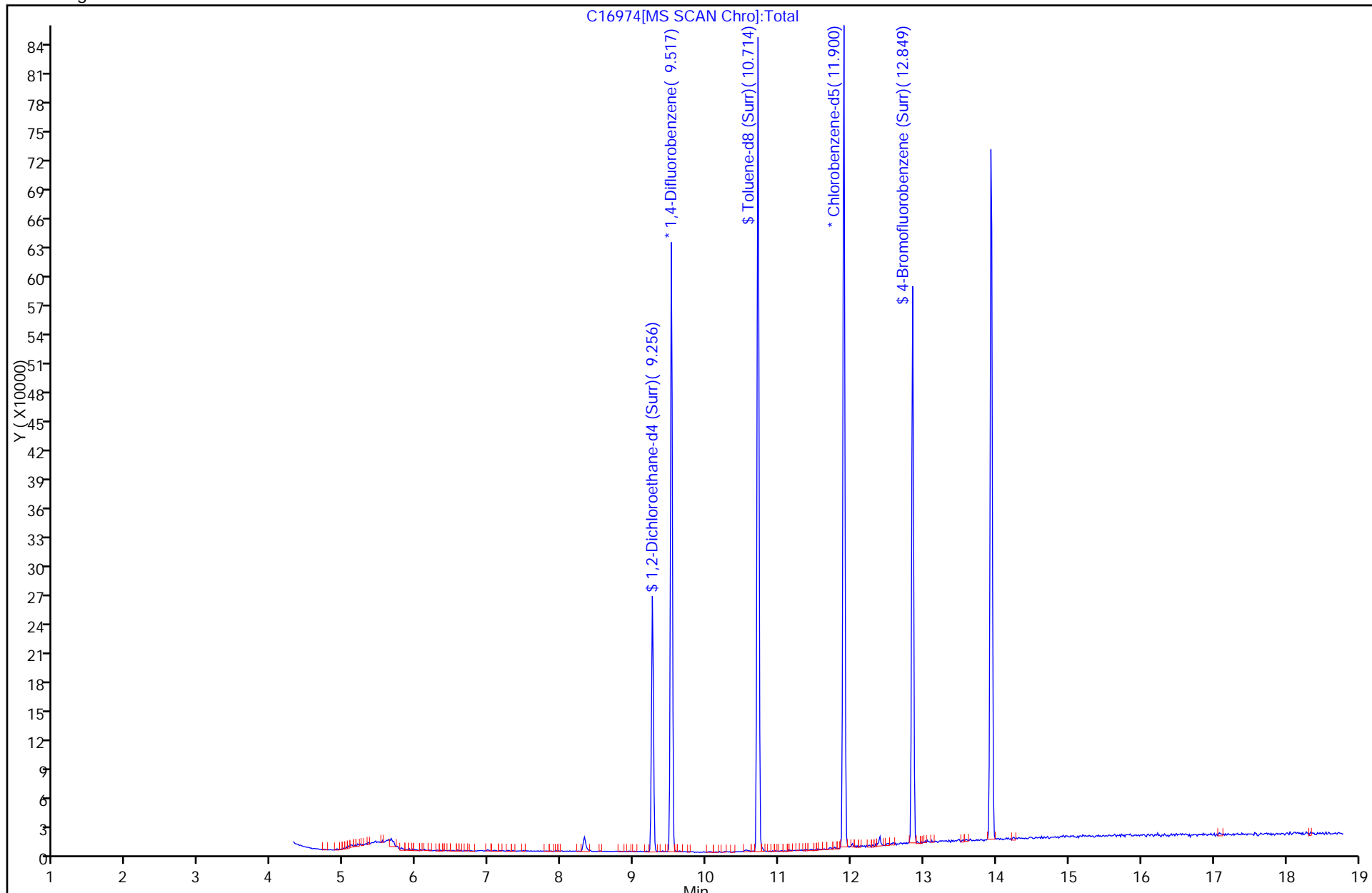
Lims Sample ID: 8

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R Lab Sample ID: 480-14998-4
 Matrix: Ground Water Lab File ID: C16975.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 14:47
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		800	660
79-34-5	1,1,2,2-Tetrachloroethane	ND		800	170
79-00-5	1,1,2-Trichloroethane	ND		800	180
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250
75-34-3	1,1-Dichloroethane	520	J	800	300
75-35-4	1,1-Dichloroethene	510	J	800	230
120-82-1	1,2,4-Trichlorobenzene	ND		800	330
96-12-8	1,2-Dibromo-3-Chloropropane	ND		800	310
106-93-4	1,2-Dibromoethane	ND		800	580
95-50-1	1,2-Dichlorobenzene	ND		800	630
107-06-2	1,2-Dichloroethane	ND		800	170
78-87-5	1,2-Dichloropropane	ND		800	580
541-73-1	1,3-Dichlorobenzene	ND		800	620
106-46-7	1,4-Dichlorobenzene	ND		800	670
591-78-6	2-Hexanone	ND		4000	990
78-93-3	2-Butanone (MEK)	ND		8000	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		4000	1700
67-64-1	Acetone	ND		8000	2400
71-43-2	Benzene	ND		800	330
75-27-4	Bromodichloromethane	ND		800	310
75-25-2	Bromoform	ND		800	210
74-83-9	Bromomethane	ND		800	550
75-15-0	Carbon disulfide	ND		800	150
56-23-5	Carbon tetrachloride	ND		800	220
108-90-7	Chlorobenzene	ND		800	600
124-48-1	Dibromochloromethane	ND		800	260
75-00-3	Chloroethane	ND		800	260
67-66-3	Chloroform	ND		800	270
74-87-3	Chloromethane	ND		800	280
156-59-2	cis-1,2-Dichloroethene	56000		800	650
10061-01-5	cis-1,3-Dichloropropene	ND		800	290
110-82-7	Cyclohexane	ND		800	140
75-71-8	Dichlorodifluoromethane	ND		800	540
100-41-4	Ethylbenzene	ND		800	590
98-82-8	Isopropylbenzene	ND		800	630

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R Lab Sample ID: 480-14998-4
 Matrix: Ground Water Lab File ID: C16975.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 14:47
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		800	400
1634-04-4	Methyl tert-butyl ether	ND		800	130
108-87-2	Methylcyclohexane	ND		800	130
75-09-2	Methylene Chloride	ND		800	350
100-42-5	Styrene	ND		800	580
127-18-4	Tetrachloroethene	ND		800	290
108-88-3	Toluene	ND		800	410
156-60-5	trans-1,2-Dichloroethene	ND		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	110000	E	800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	2700		800	720
1330-20-7	Xylenes, Total	ND		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		66-137
2037-26-5	Toluene-d8 (Surr)	98		71-126
460-00-4	4-Bromofluorobenzene (Surr)	84		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16975.D
 Lims ID: 480-14998-A-4 Client ID: MW-8R
 Inject. Date: 17-Jan-2012 14:47:30 Dil. Factor: 800.0000
 Sample Type: Client
 Sample ID: 480-14998-A-4
 Misc. Info.: 480-0008916-009
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 36
 Lims Batch ID: 48180 Lims Sample ID: 9
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 21:39:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	96	512492	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	85	268672	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.940	13.928	0.012	95	236522	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	97567	24.3	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	587532	24.4	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	168286	20.9	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62	5.176	5.188	-0.012	62	28821	3.38	
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96	6.931	6.931	0.0	38	3730	0.6351	
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.690					
39 1,1-Dichloroethane	63	8.081	8.081	0.0	1	8352	0.6556	
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96	8.579	8.580	-0.001	71	557855	70.4	
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95	9.777	9.777	0.0	93	1002301	138.9	E
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.935					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Report Date: 17-Jan-2012 21:39:17

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16975.D

Injection Date: 17-Jan-2012 14:47:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 48180

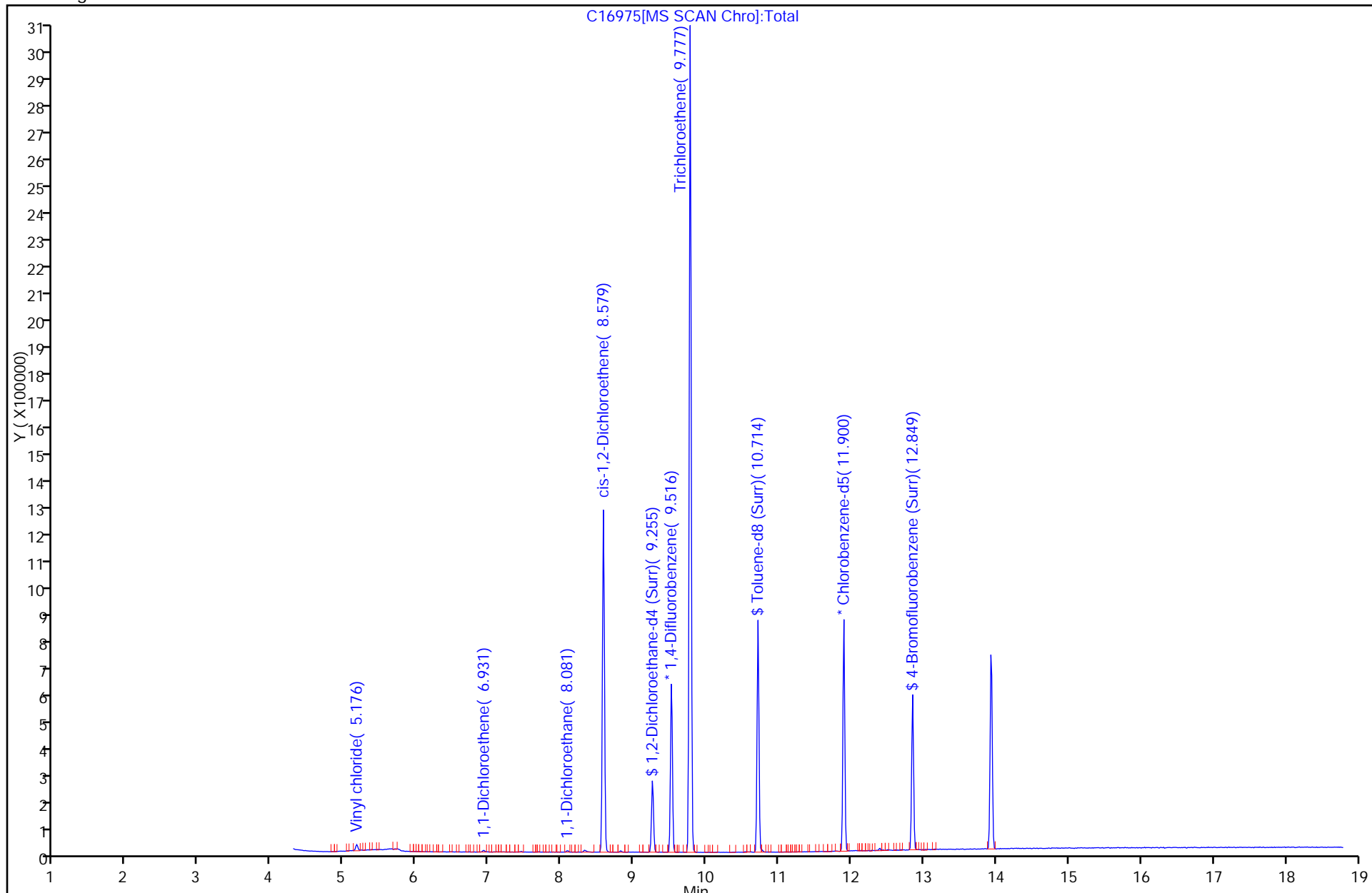
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Operator ID: LH

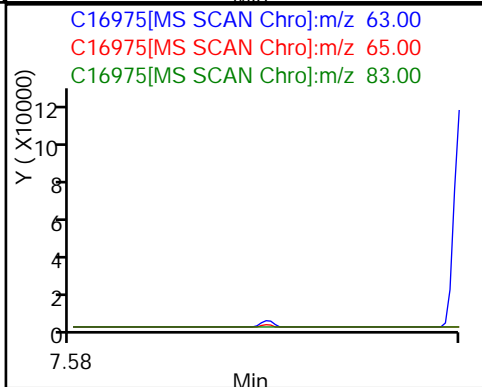
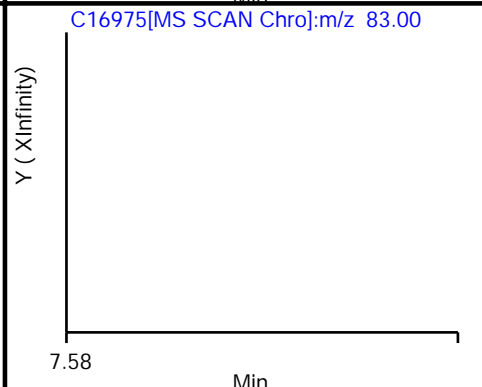
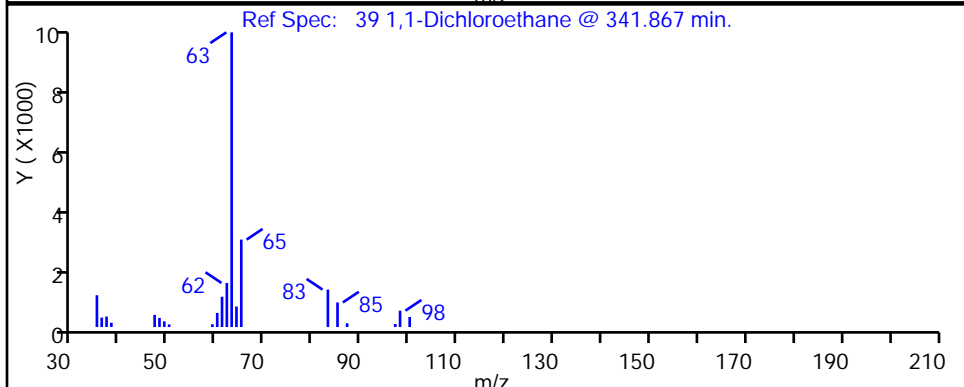
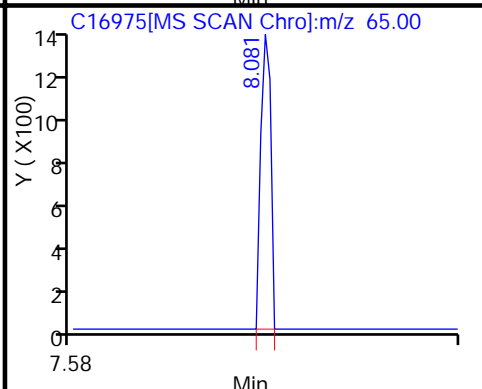
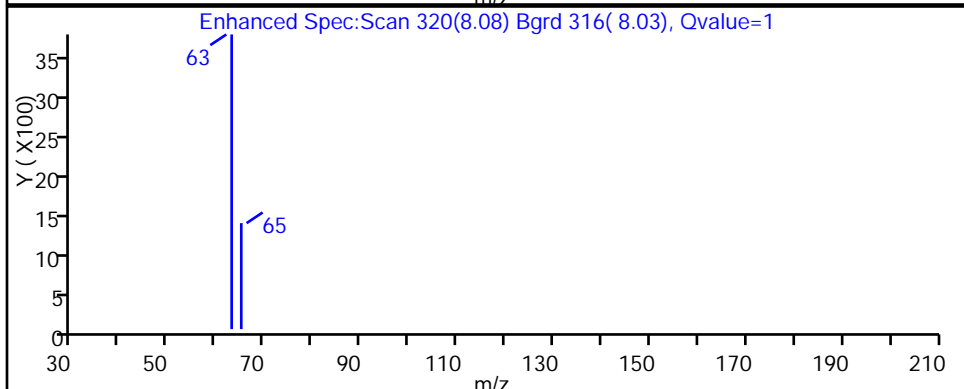
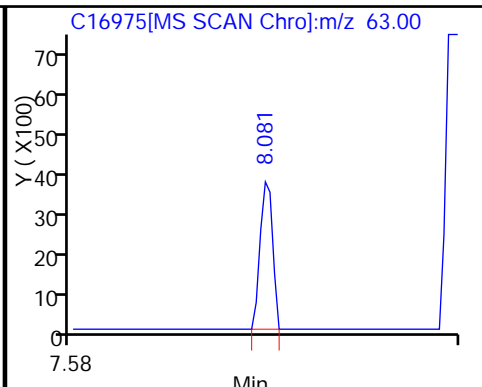
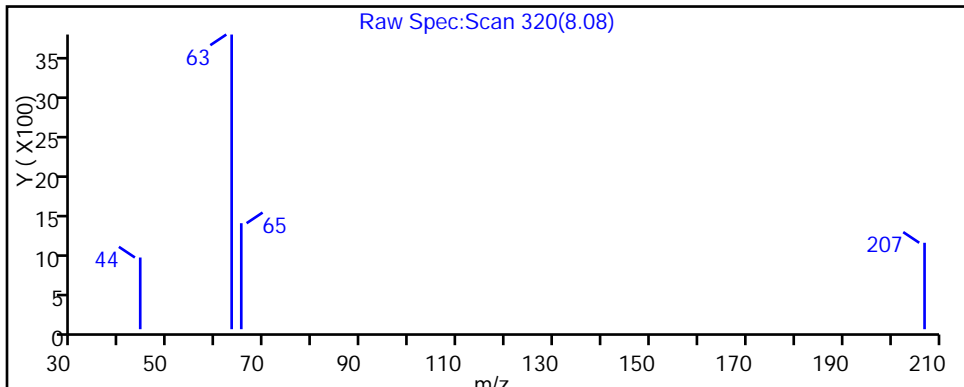
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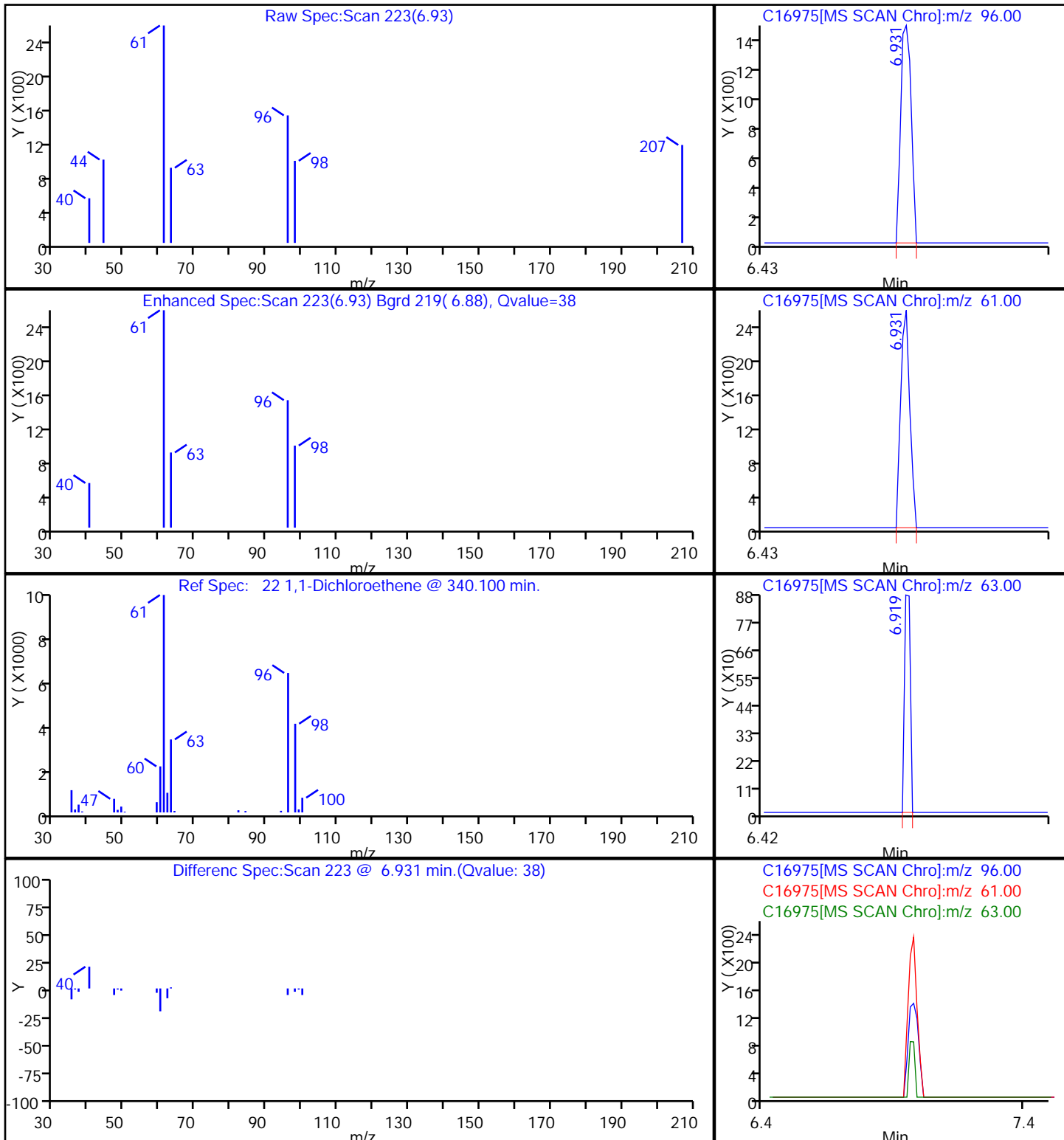
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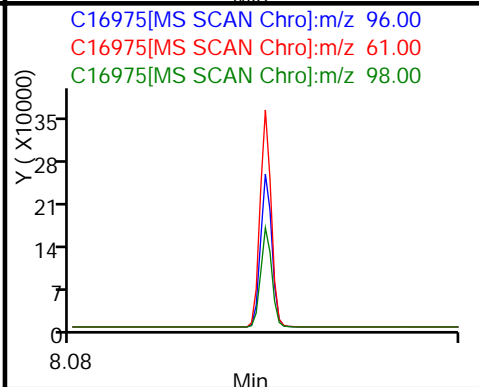
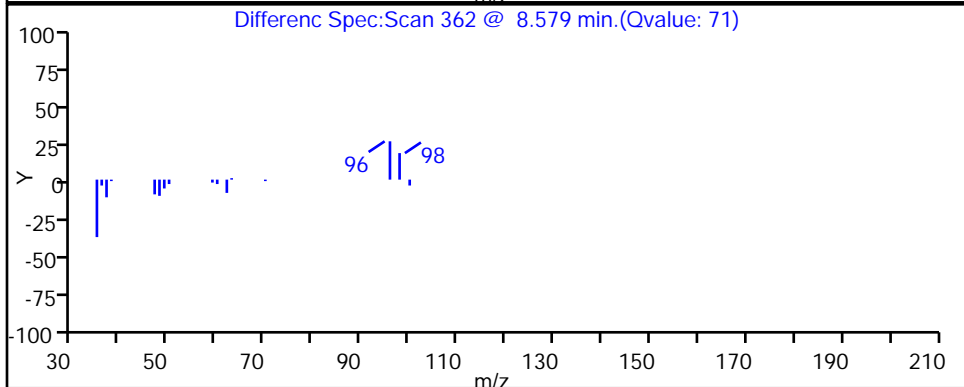
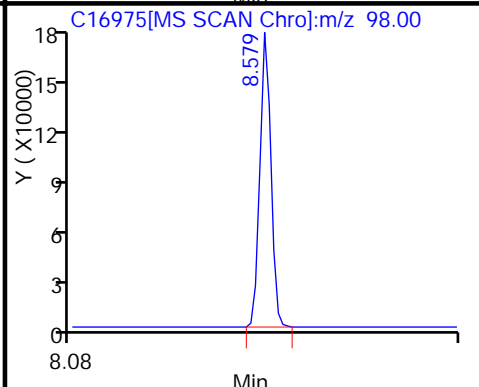
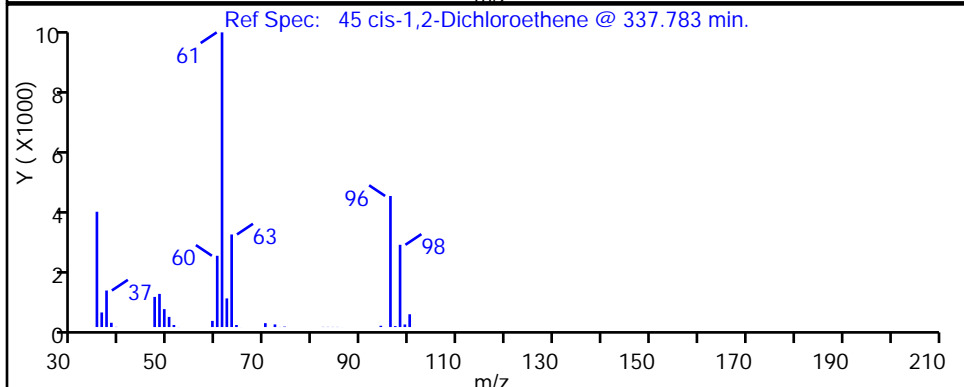
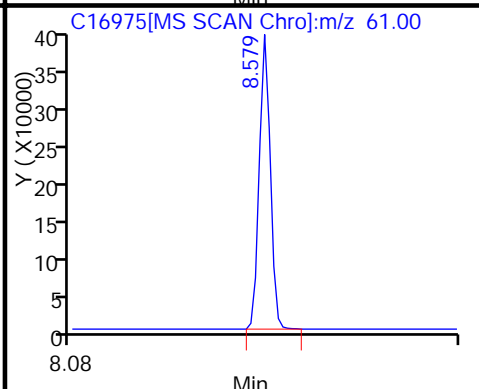
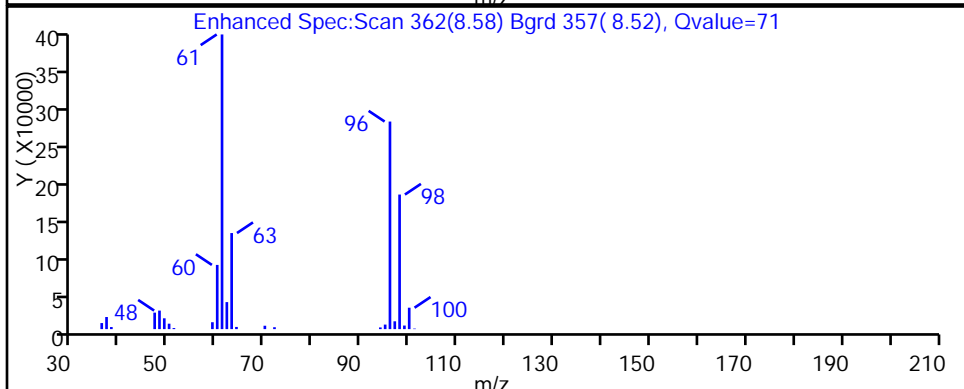
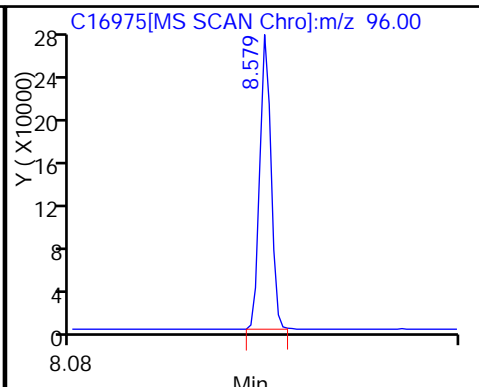
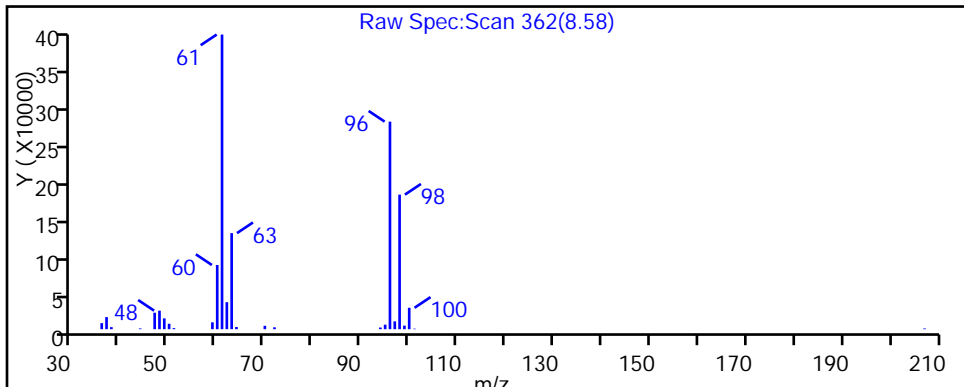
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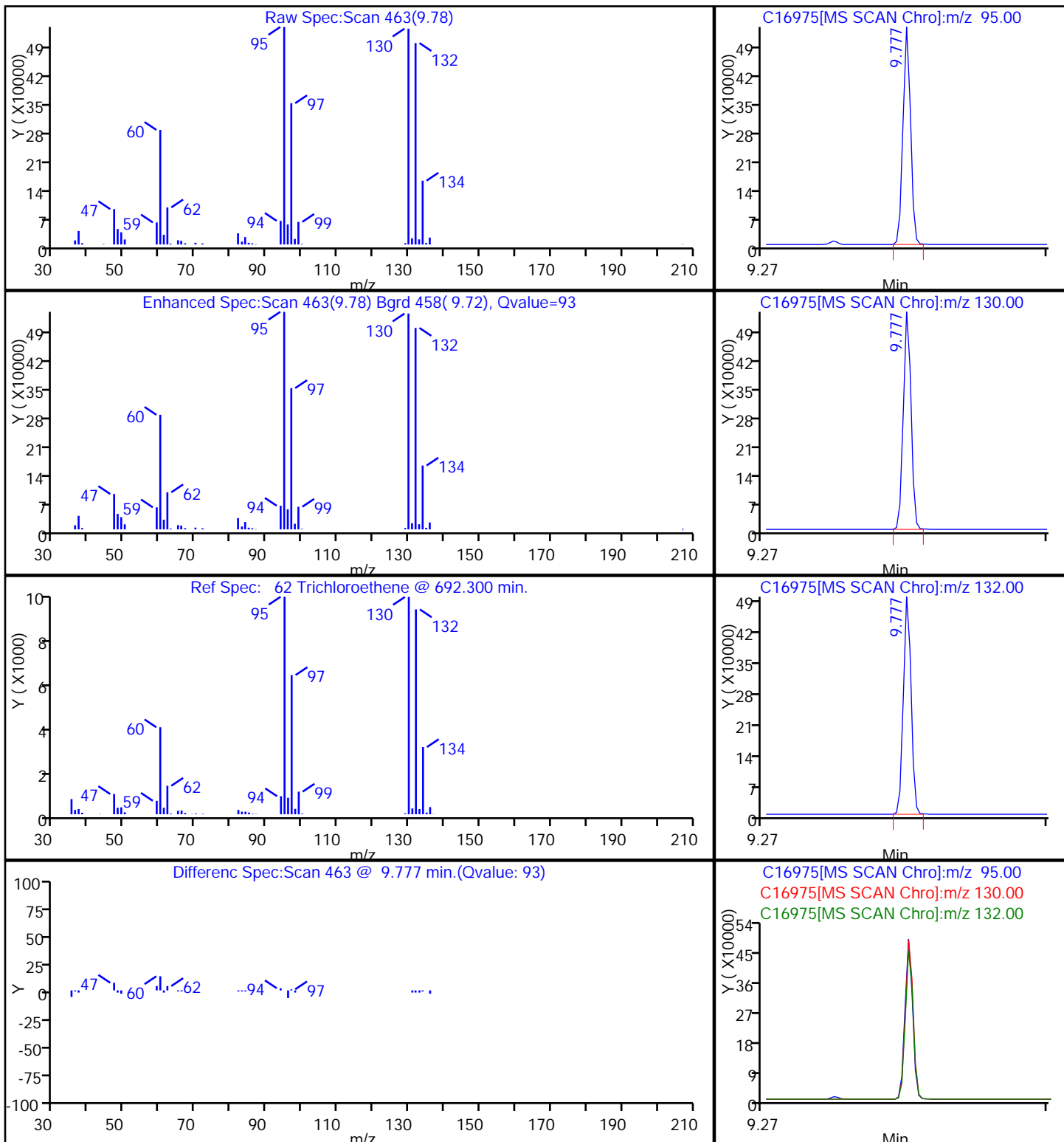
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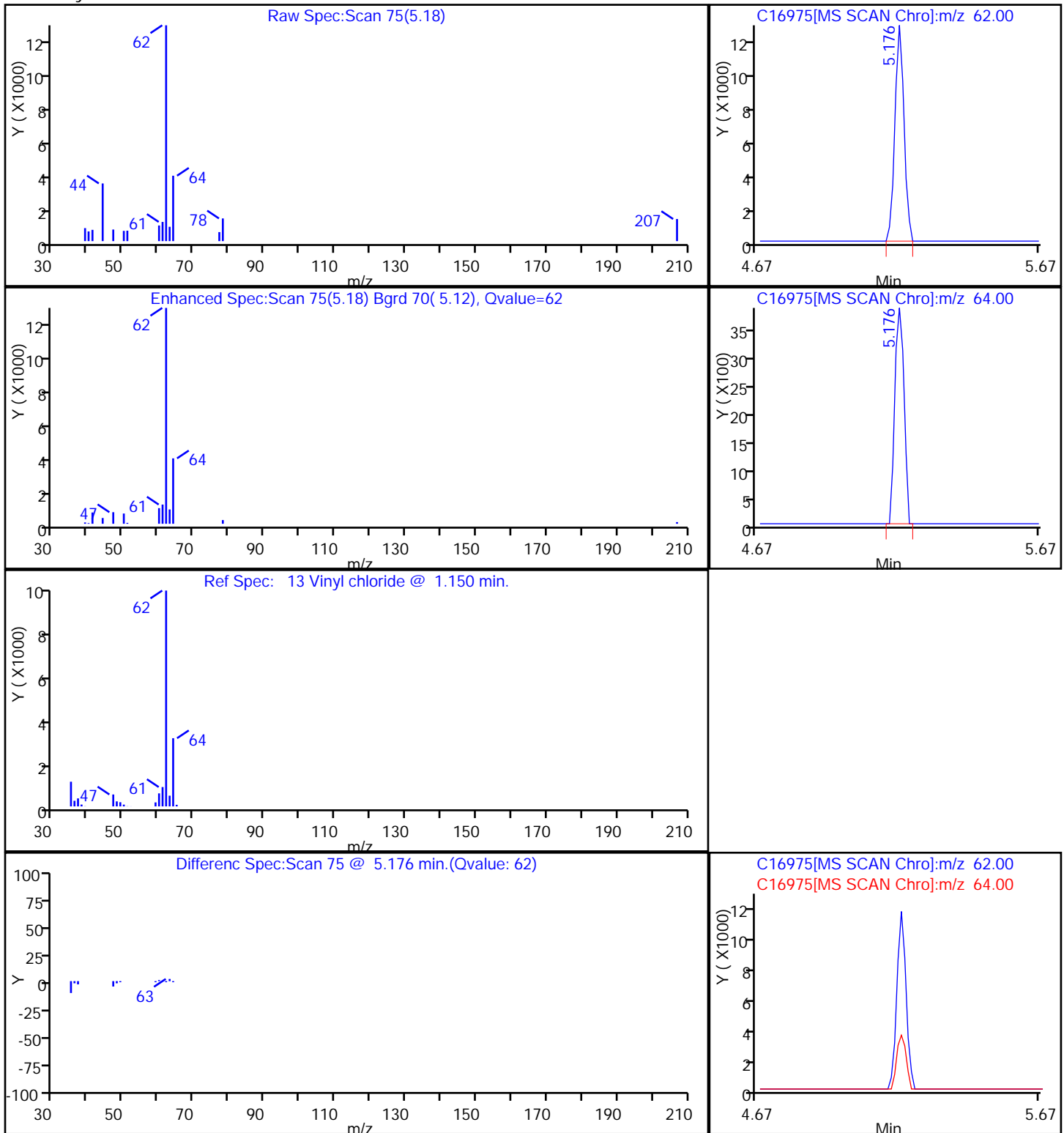
45 cis-1,2-Dichloroethene



62 Trichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R DL Lab Sample ID: 480-14998-4 DL
 Matrix: Ground Water Lab File ID: C16997.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/18/2012 00:52
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48336 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2000	1600
79-34-5	1,1,2,2-Tetrachloroethane	ND		2000	420
79-00-5	1,1,2-Trichloroethane	ND		2000	460
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	620
75-34-3	1,1-Dichloroethane	ND		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
591-78-6	2-Hexanone	ND		10000	2500
78-93-3	2-Butanone (MEK)	ND		20000	2600
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
124-48-1	Dibromochloromethane	ND		2000	640
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	53000		2000	1600
10061-01-5	cis-1,3-Dichloropropene	ND		2000	720
110-82-7	Cyclohexane	ND		2000	360
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R DL Lab Sample ID: 480-14998-4 DL
 Matrix: Ground Water Lab File ID: C16997.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/18/2012 00:52
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48336 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2000	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	2500		2000	1800
1330-20-7	Xylenes, Total	ND		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		66-137
2037-26-5	Toluene-d8 (Surr)	90		71-126
460-00-4	4-Bromofluorobenzene (Surr)	77		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C16997.D
 Lims ID: 480-14998-B-4 Client ID: MW-8R
 Inject. Date: 18-Jan-2012 00:52:30 Dil. Factor: 2000.0000
 Sample Type: Client
 Sample ID: 480-14998-B-4
 Misc. Info.: 480-0008937-006
 Operator: CDC Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 2
 Lims Batch ID: 48336 Lims Sample ID: 6
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C-8260.m
 Last Update: 18-Jan-2012 00:06:57 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

First Level Reviewer: coderd

Date: 18-Jan-2012 11:18:01

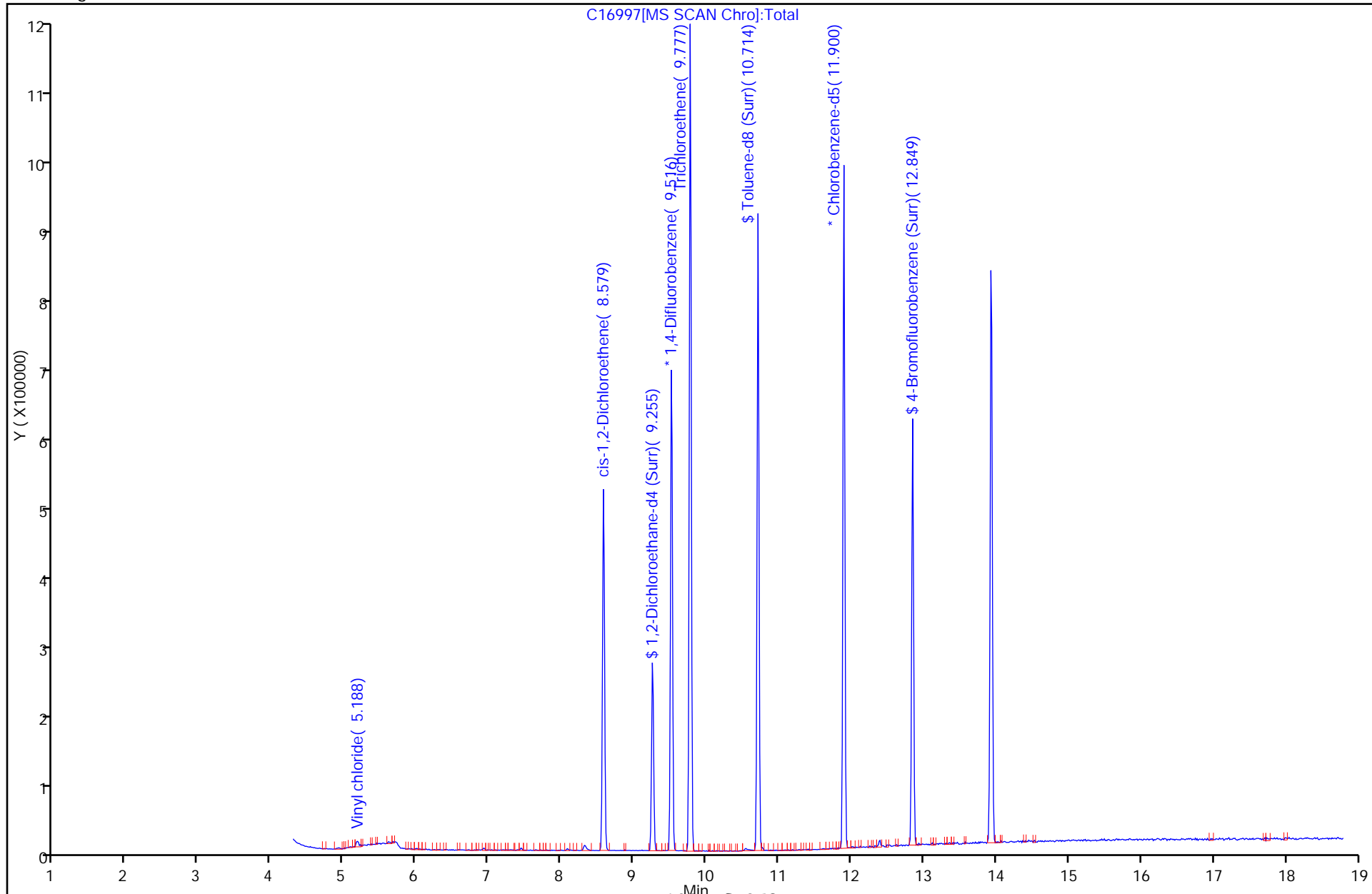
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	96	549834	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	295683	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.940	13.940	0.0	95	257804	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	96670	22.4	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	593446	22.4	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	169729	19.2	
10 Dichlorodifluoromethane	85		4.536					
12 Chloromethane	50		4.939					
13 Vinyl chloride	62	5.188	5.176	0.012	34	11477	1.25	
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.279					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.860					
22 1,1-Dichloroethene	96		6.919					
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.678					
39 1,1-Dichloroethane	63		8.082					
43 2-Butanone (MEK)	43		8.532					
45 cis-1,2-Dichloroethene	96	8.579	8.580	-0.001	71	223272	26.3	
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95	9.777	9.777	0.0	92	383507	49.5	
64 Methylcyclohexane	83		9.920					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.936					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

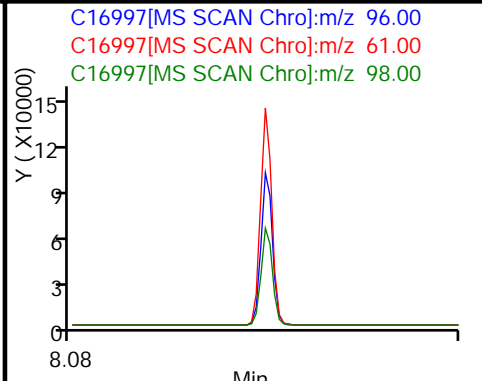
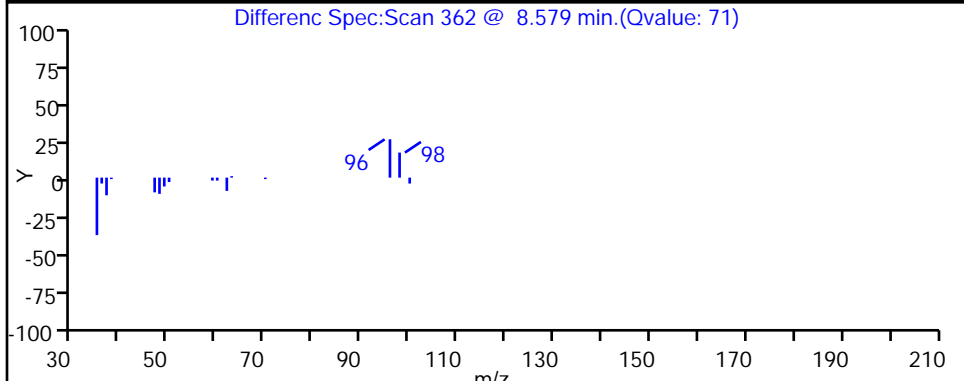
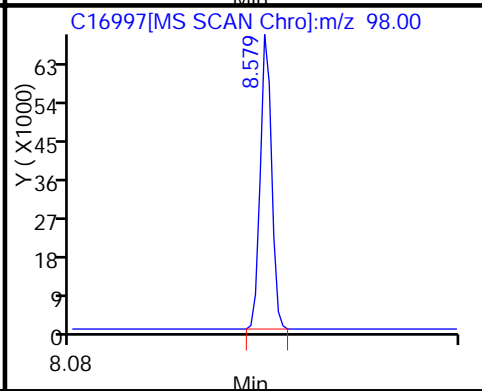
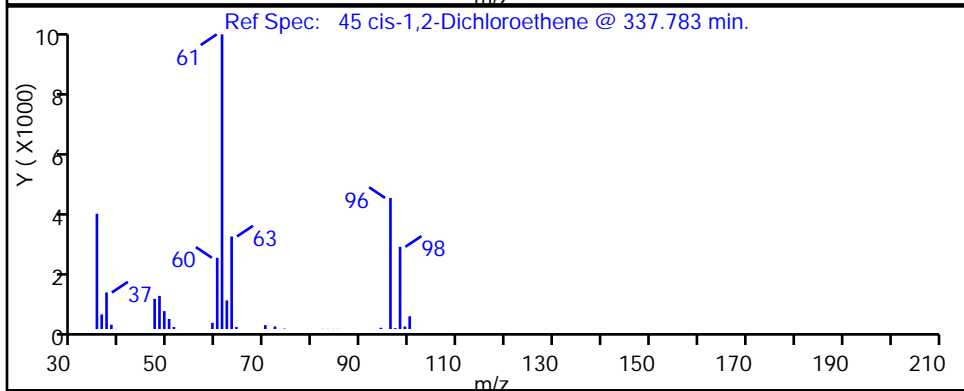
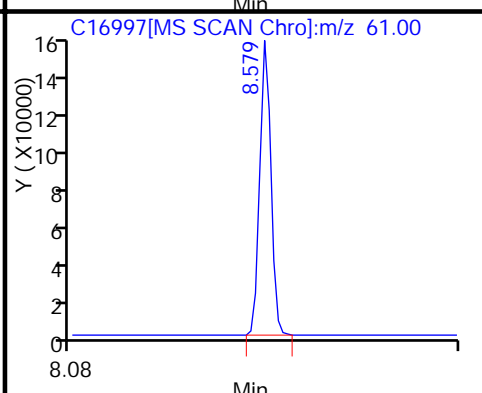
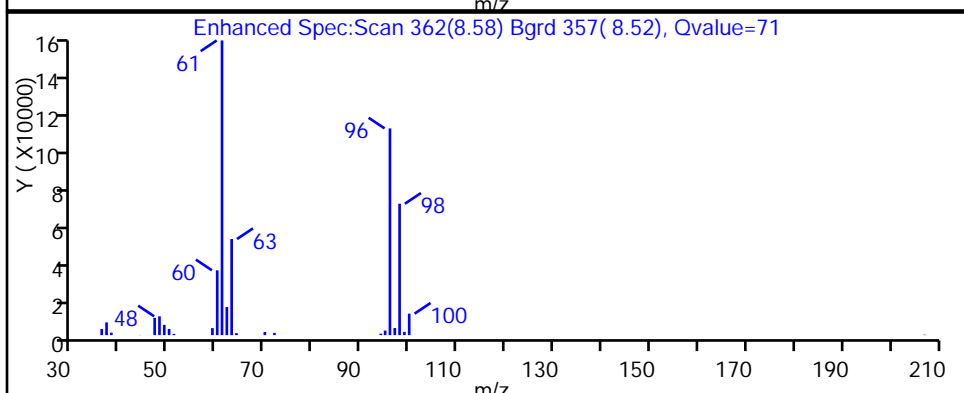
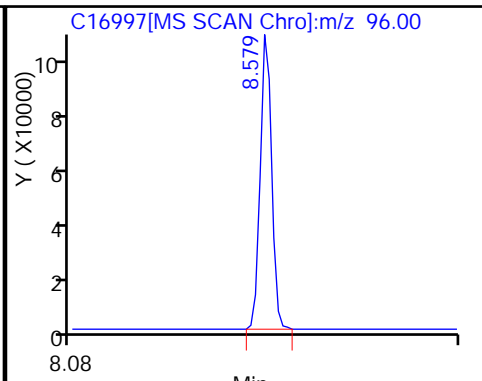
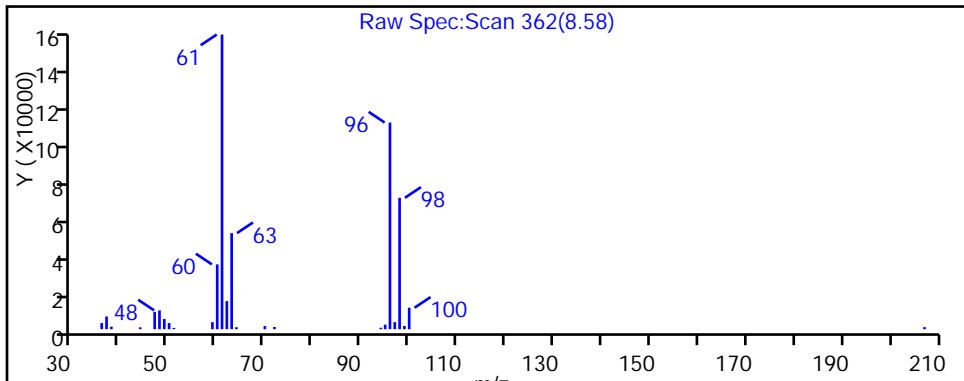
QC Flag Legend

Processing Flags

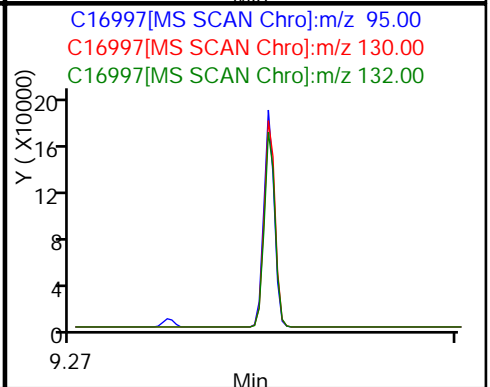
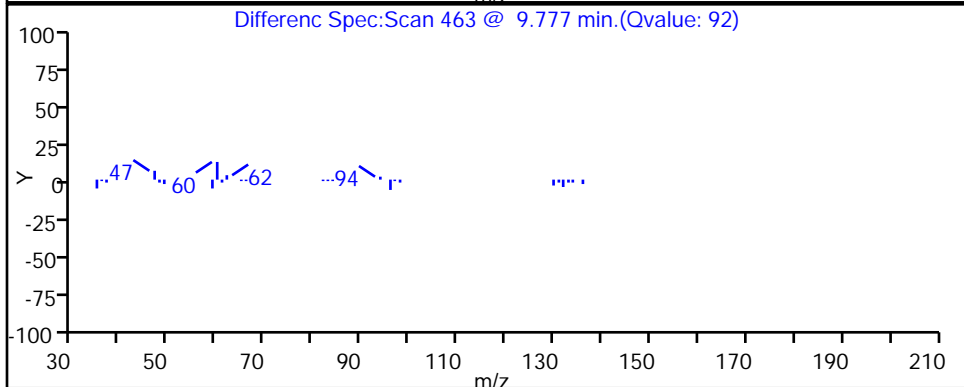
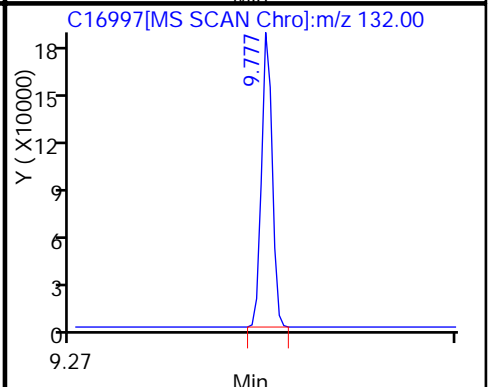
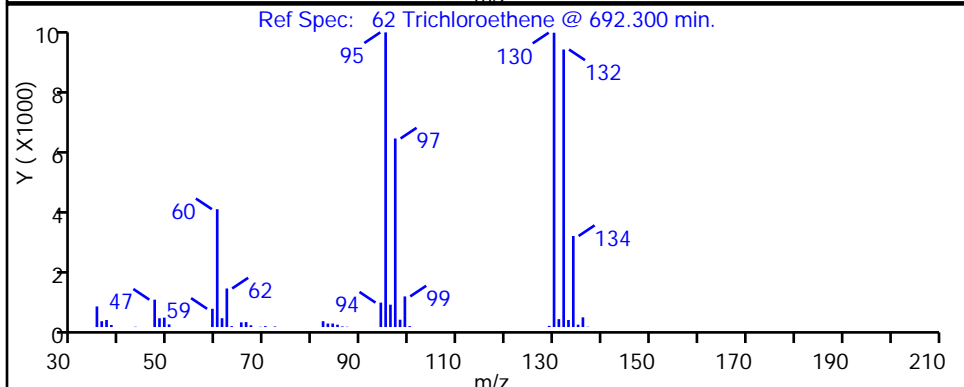
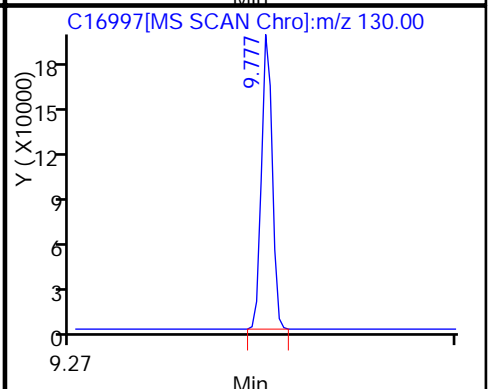
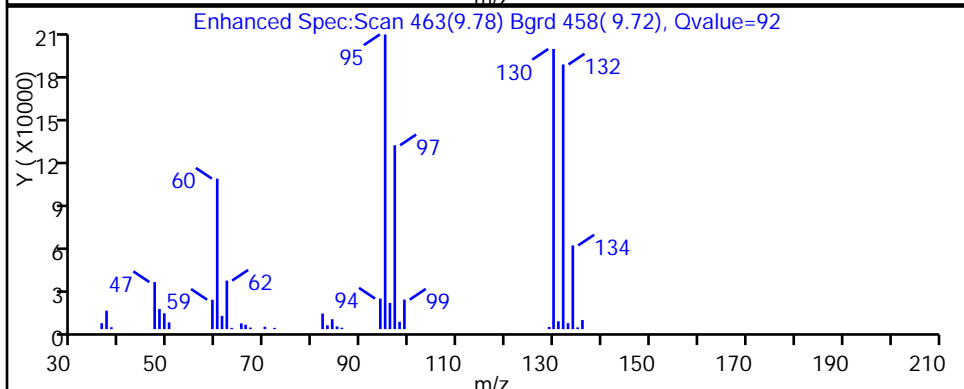
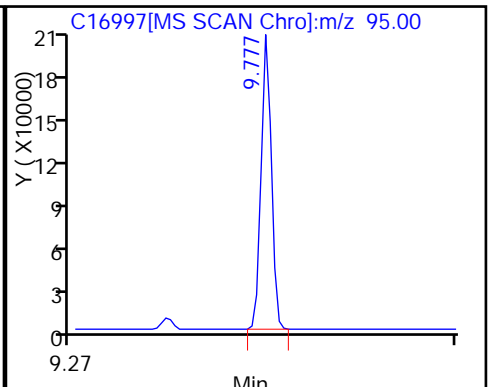
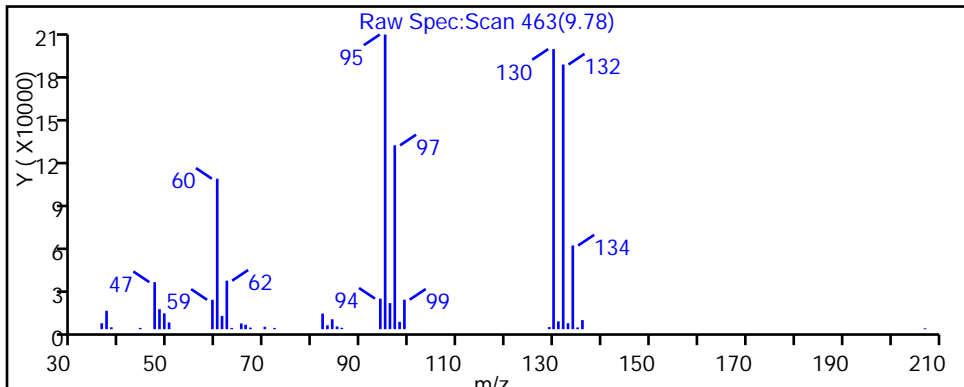
7 - Failed Limit of Detection



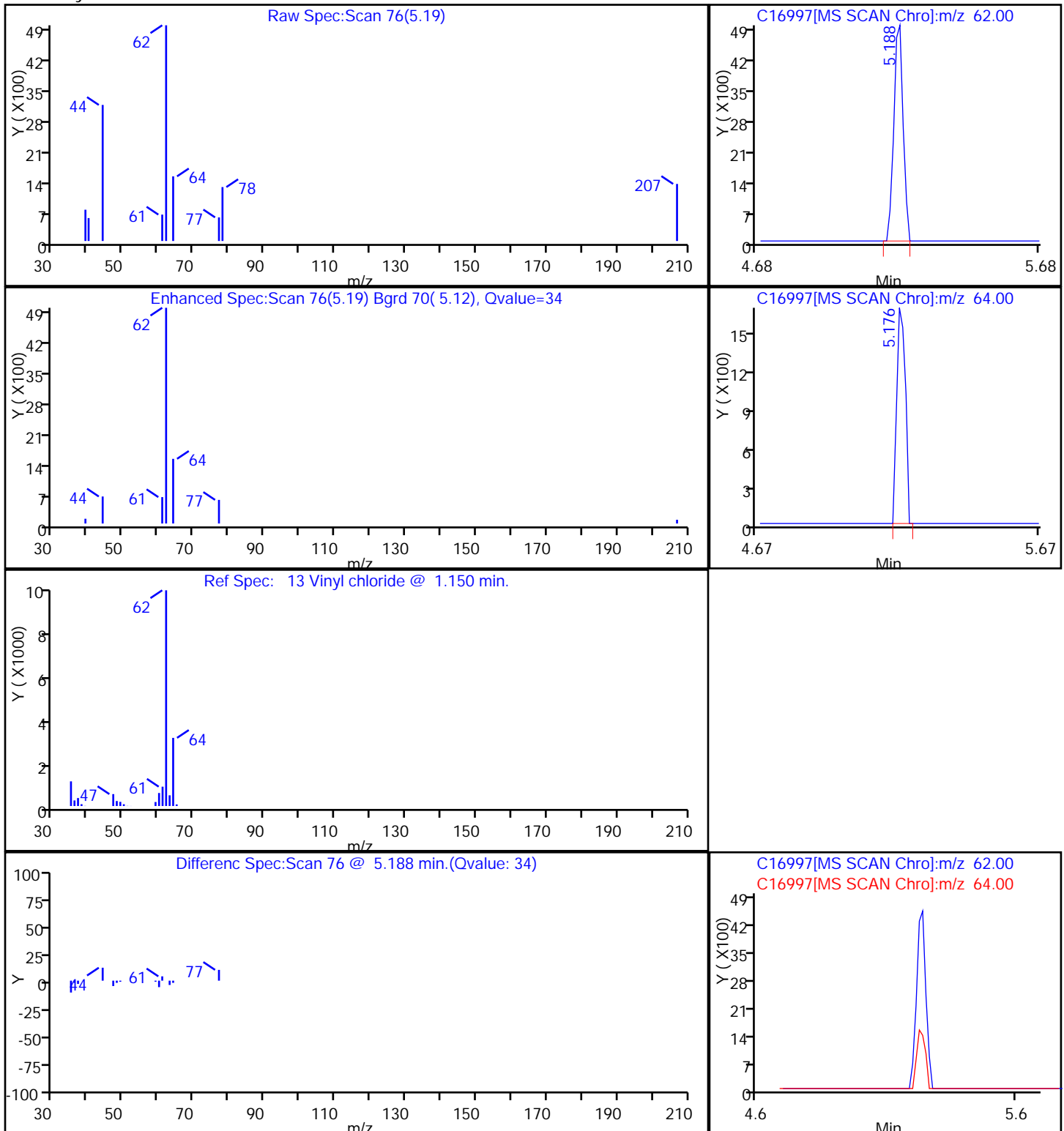
45 cis-1,2-Dichloroethene



62 Trichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 480-14998-5
 Matrix: Ground Water Lab File ID: C16976.D
 Analysis Method: 8260B Date Collected: 01/12/2012 15:15
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 15:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 480-14998-5
 Matrix: Ground Water Lab File ID: C16976.D
 Analysis Method: 8260B Date Collected: 01/12/2012 15:15
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 15:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	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
2037-26-5	Toluene-d8 (Surr)	95		71-126
460-00-4	4-Bromofluorobenzene (Surr)	83		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16976.D
 Lims ID: 480-14998-A-5 Client ID: MW-10
 Inject. Date: 17-Jan-2012 15:12:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-14998-A-5
 Misc. Info.: 480-0008916-010
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 37
 Lims Batch ID: 48180 Lims Sample ID: 10
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 21:39:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	499825	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	267389	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	97	233584	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	95244	24.3	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	570502	23.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	86	166643	20.8	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62		5.188					
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96		6.931					
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.690					
39 1,1-Dichloroethane	63		8.081					
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96		8.580					
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95		9.777					
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.935					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 17-Jan-2012 21:39:29

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16976.D

Injection Date: 17-Jan-2012 15:12:30

Limit Group: MV - 8260B ICAL

Client ID: MW-10

Instrument ID: HP5973C

Lims Batch ID: 48180

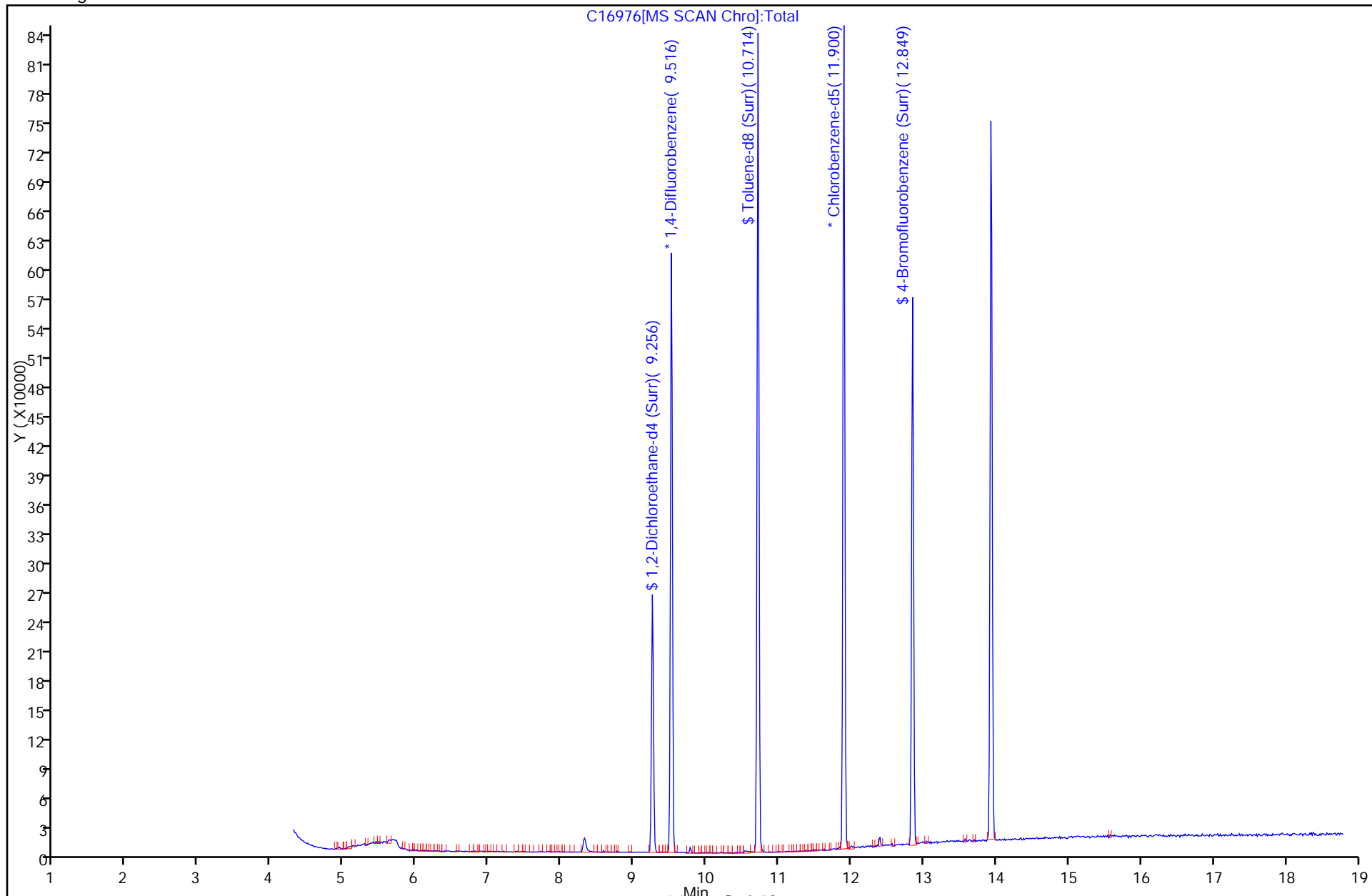
Lims Sample ID: 10

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-11 Lab Sample ID: 480-14998-6
 Matrix: Ground Water Lab File ID: C16977.D
 Analysis Method: 8260B Date Collected: 01/12/2012 11:05
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.88	J	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	9.8		1.0	0.38
75-35-4	1,1-Dichloroethene	1.1		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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	5.4		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	33		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
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-11 Lab Sample ID: 480-14998-6
 Matrix: Ground Water Lab File ID: C16977.D
 Analysis Method: 8260B Date Collected: 01/12/2012 11:05
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	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	16		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
2037-26-5	Toluene-d8 (Surr)	96		71-126
460-00-4	4-Bromofluorobenzene (Surr)	84		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16977.D
 Lims ID: 480-14998-A-6 Client ID: MW-11
 Inject. Date: 17-Jan-2012 15:38:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-14998-A-6
 Misc. Info.: 480-0008916-011
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 38
 Lims Batch ID: 48180 Lims Sample ID: 11
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 21:39:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	96	508071	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	268247	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	97	230080	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	95929	24.1	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	580313	24.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	167712	20.9	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62	5.188	5.188	0.0	84	138072	16.3	
14 Bromomethane	94		5.793					
15 Chloroethane	64	5.947	5.935	0.012	70	28301	5.44	
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96	6.931	6.931	0.0	51	6098	1.05	
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96	7.690	7.690	0.0	57	3942	0.6006	
39 1,1-Dichloroethane	63	8.081	8.081	0.0	83	124260	9.84	
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	71	258871	33.0	
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97	8.995	8.995	0.0	40	9291	0.8806	
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95		9.777					
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.935					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 17-Jan-2012 21:40:00

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16977.D

Injection Date: 17-Jan-2012 15:38:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973C

Lims Batch ID: 48180

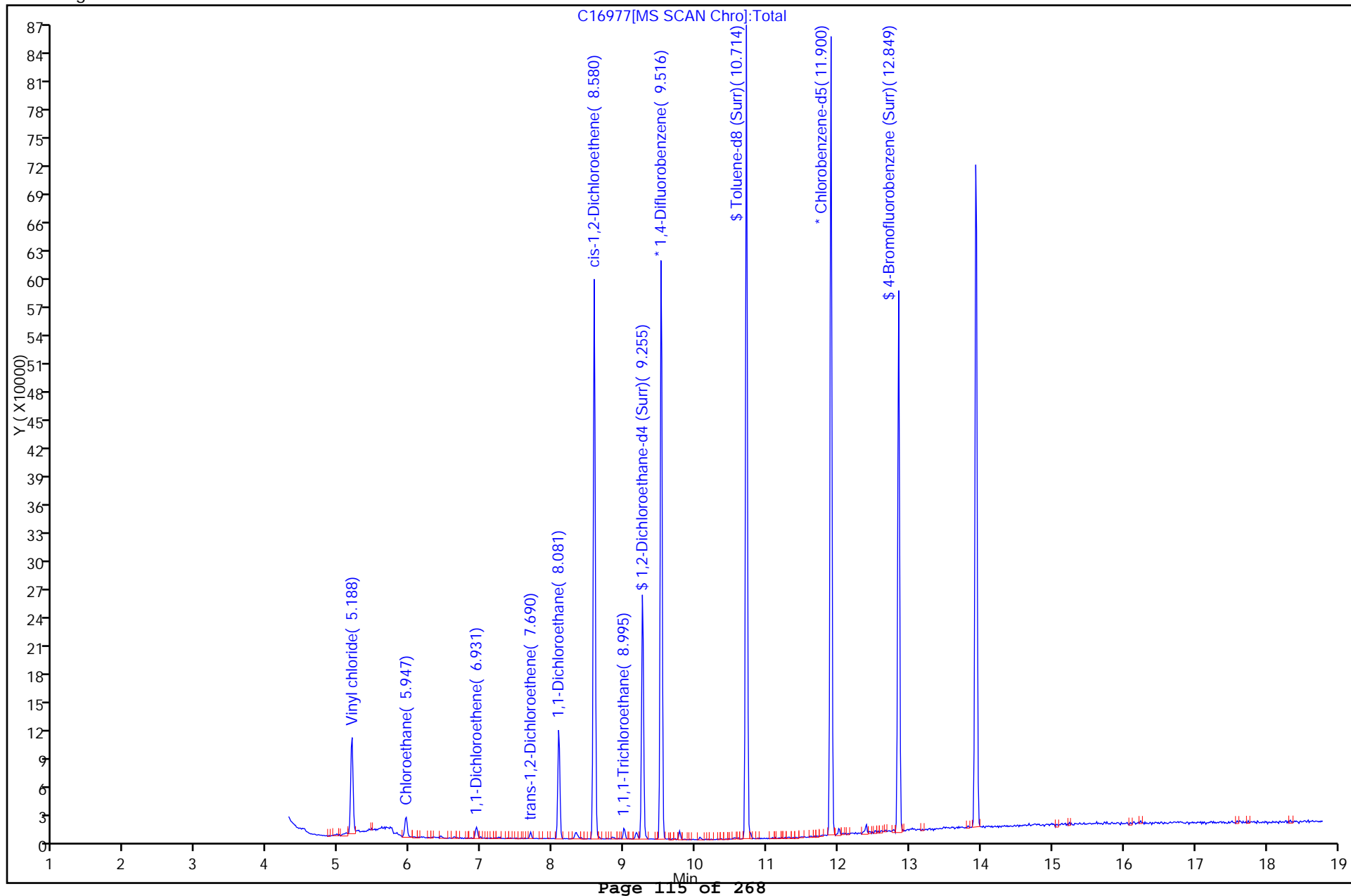
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Operator ID: LH

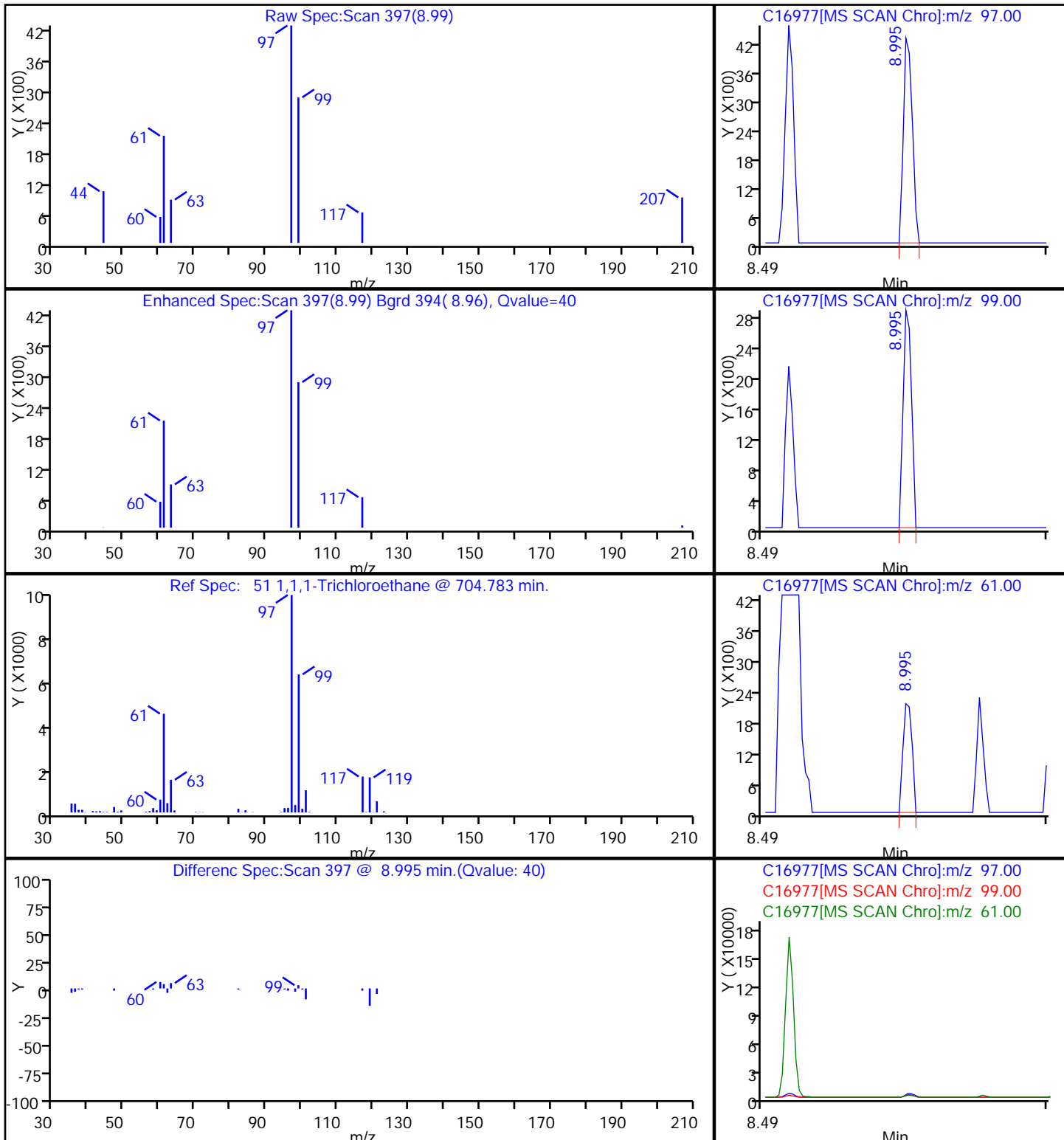
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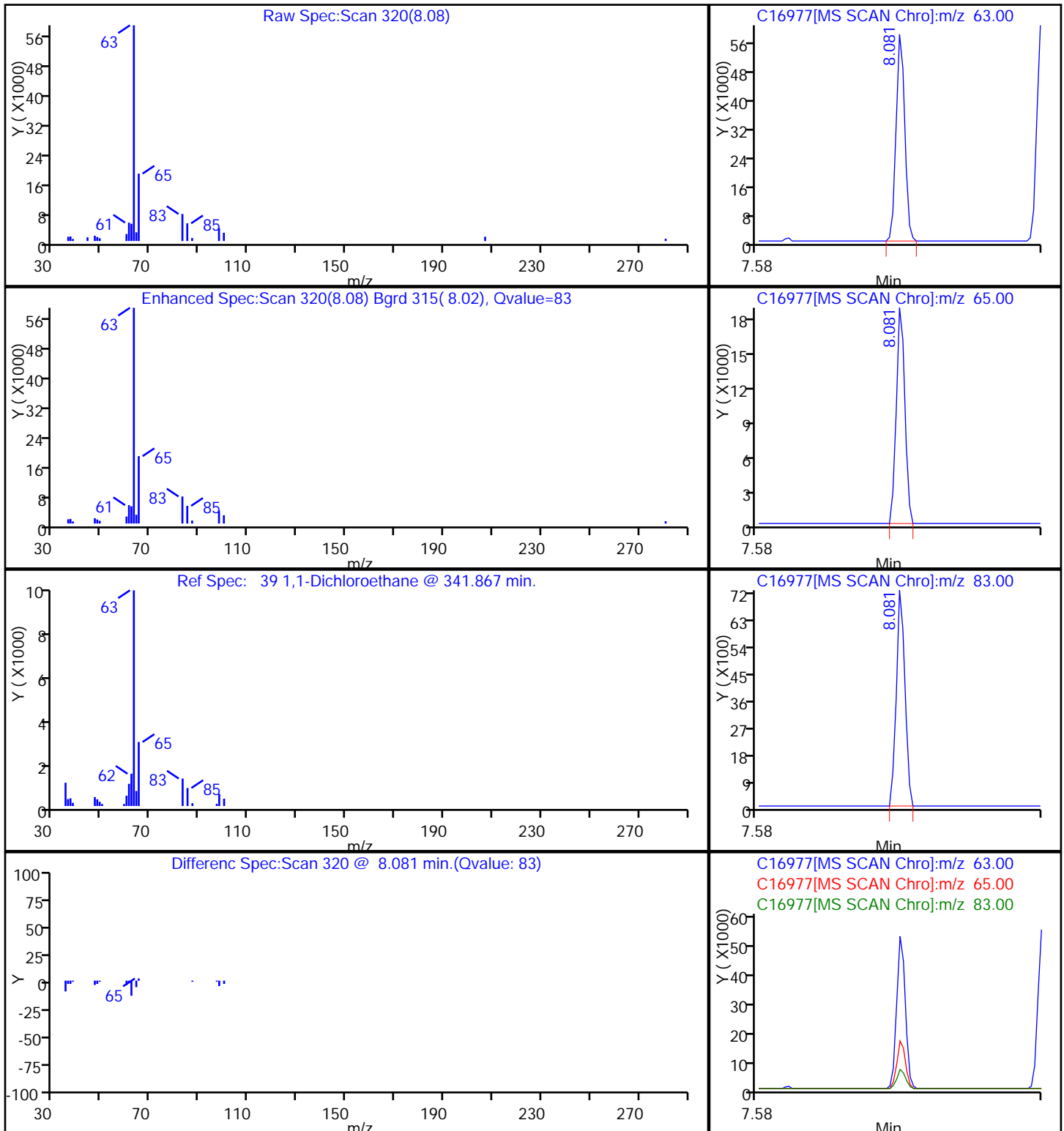
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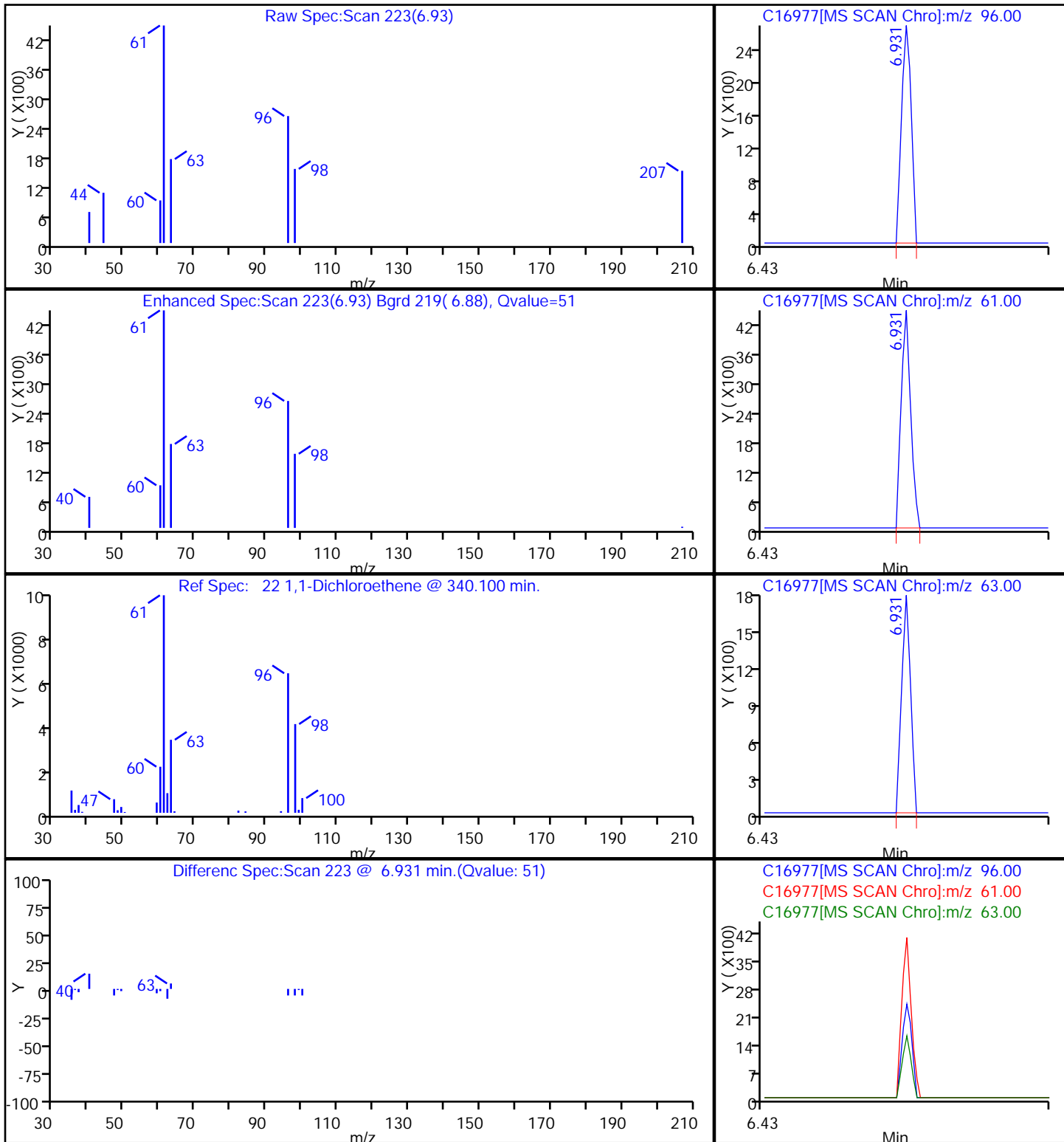
51 1,1,1-Trichloroethane



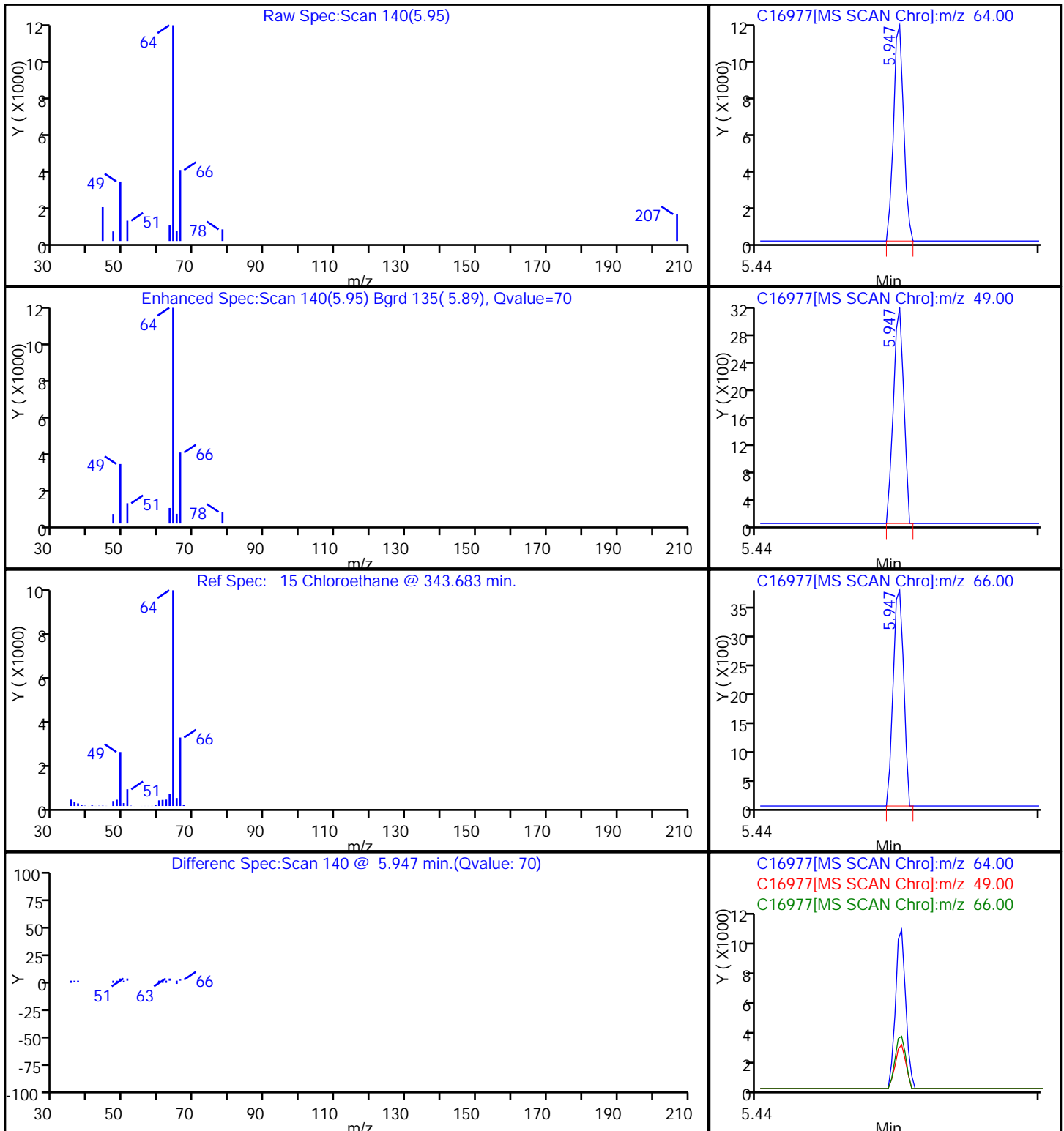
39 1,1-Dichloroethane



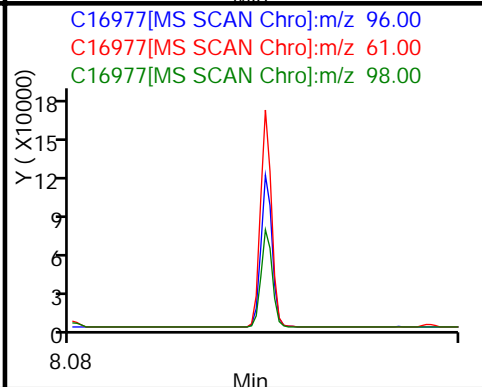
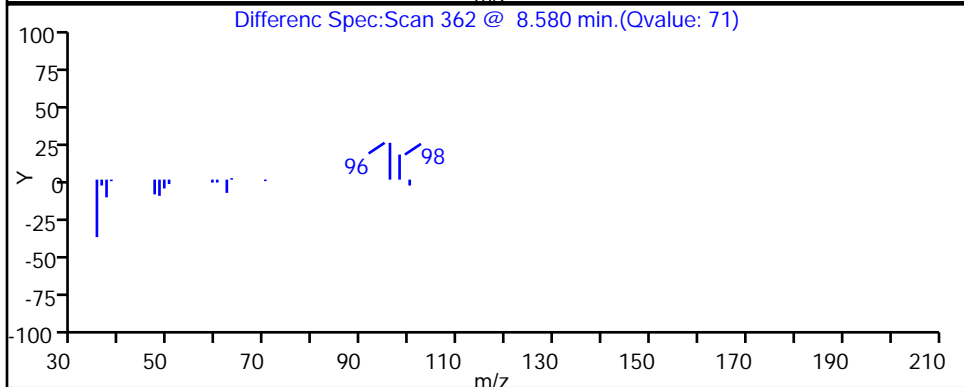
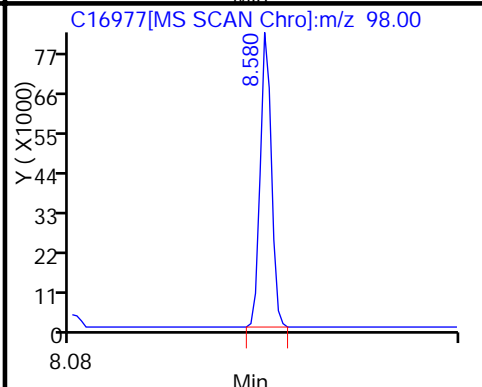
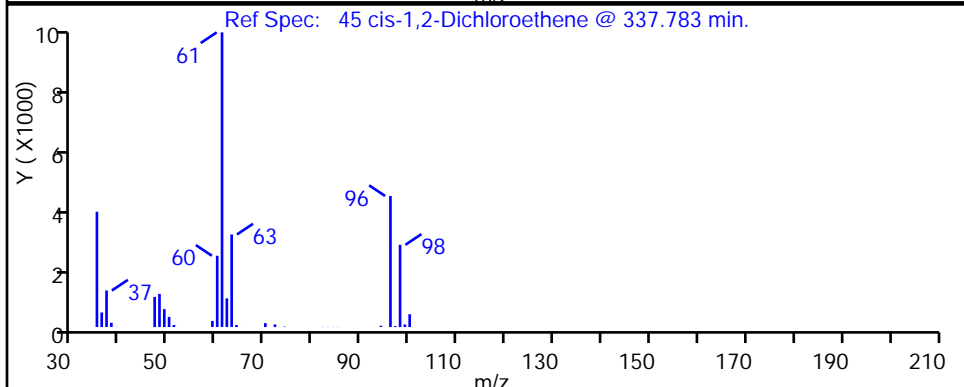
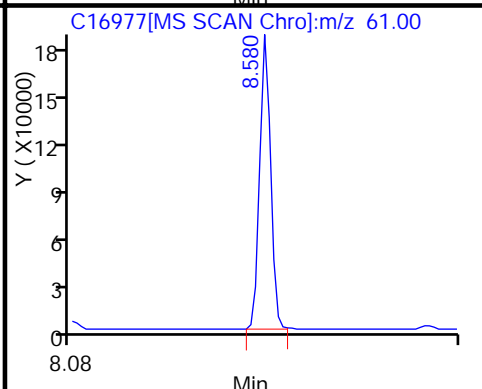
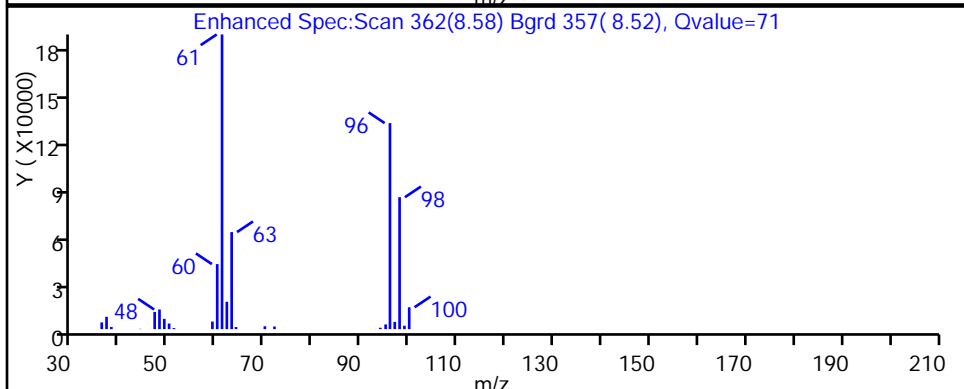
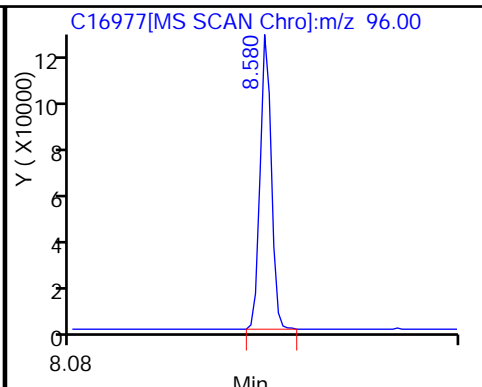
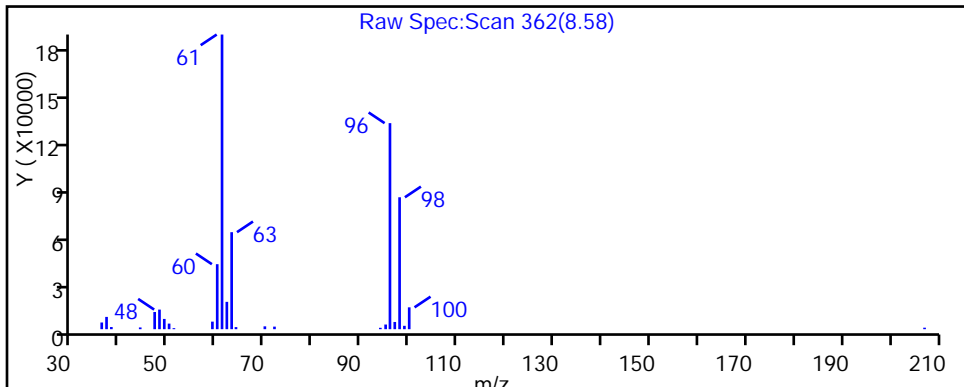
22 1,1-Dichloroethene



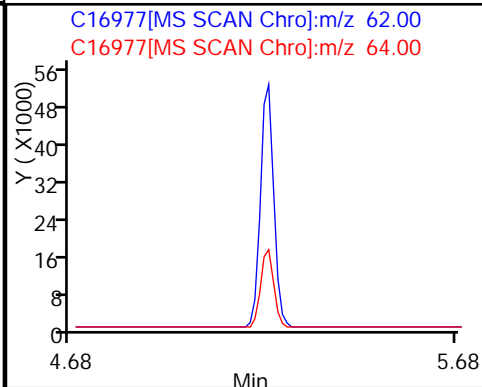
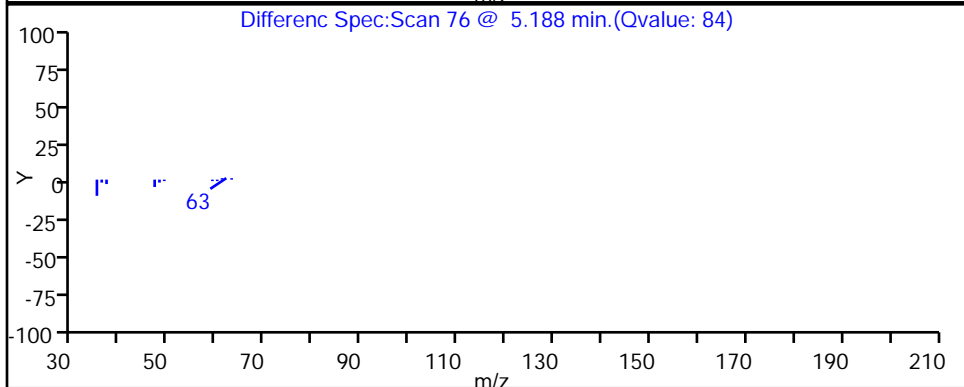
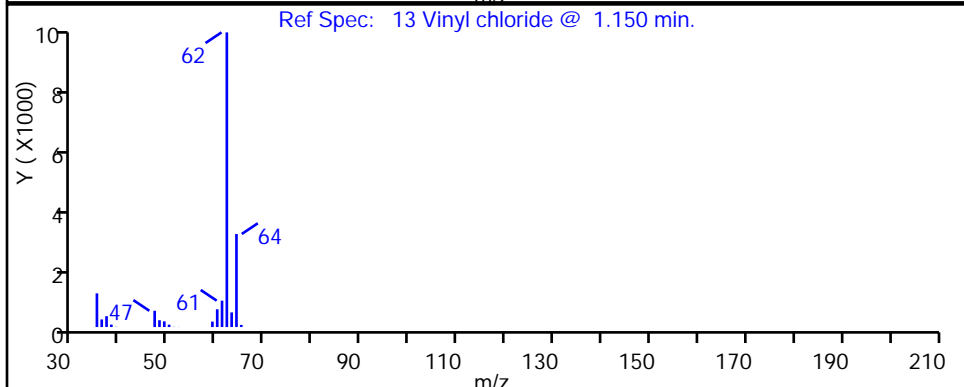
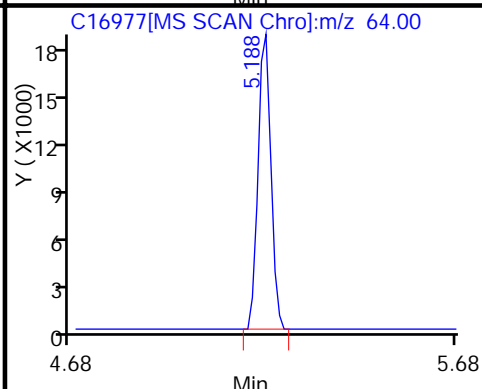
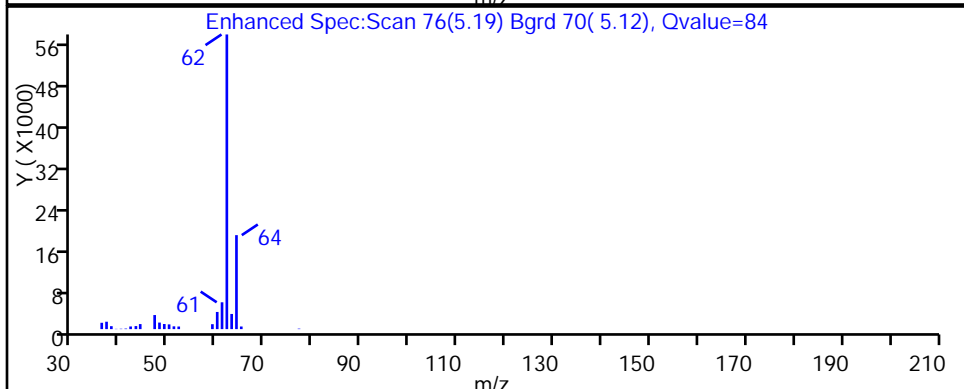
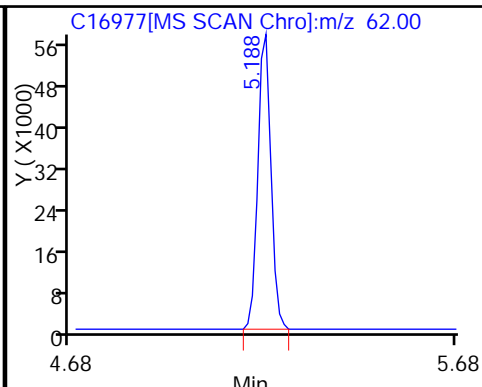
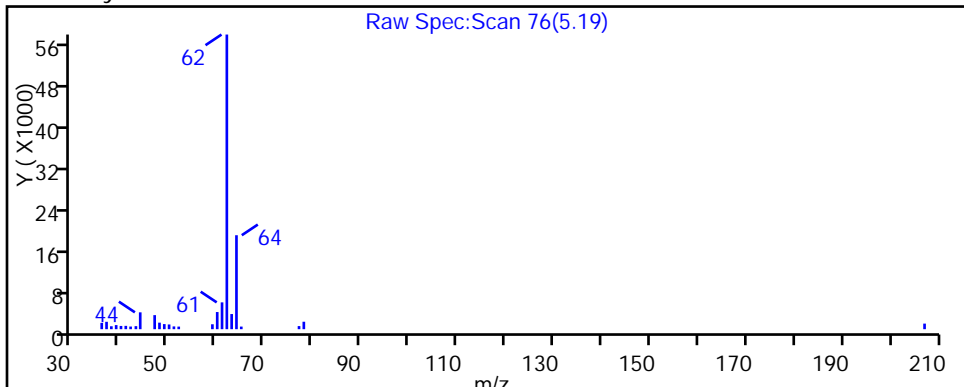
15 Chloroethane



45 cis-1,2-Dichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-12 Lab Sample ID: 480-14998-7
 Matrix: Ground Water Lab File ID: C16978.D
 Analysis Method: 8260B Date Collected: 01/12/2012 13:30
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 16:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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	1.4		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
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	19		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
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-12 Lab Sample ID: 480-14998-7
 Matrix: Ground Water Lab File ID: C16978.D
 Analysis Method: 8260B Date Collected: 01/12/2012 13:30
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 16:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	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	1.4		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
2037-26-5	Toluene-d8 (Surr)	98		71-126
460-00-4	4-Bromofluorobenzene (Surr)	84		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16978.D
 Lims ID: 480-14998-A-7 Client ID: MW-12
 Inject. Date: 17-Jan-2012 16:02:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-14998-A-7
 Misc. Info.: 480-0008916-012
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 39
 Lims Batch ID: 48180 Lims Sample ID: 12
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 21:40:16

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.517	9.516	0.001	96	500710	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	85	265031	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	97	235001	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	95985	24.4	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	583358	24.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	83	167129	21.0	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62	5.176	5.188	-0.012	28	11529	1.38	
14 Bromomethane	94		5.793					
15 Chloroethane	64	5.947	5.935	0.012	92	94676	18.5	
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96		6.931					
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.690					
39 1,1-Dichloroethane	63		8.081					
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96		8.580					
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78	9.303	9.303	0.0	57	37926	1.42	
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95		9.777					
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.935					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 17-Jan-2012 21:40:16

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16978.D

Injection Date: 17-Jan-2012 16:02:30

Limit Group: MV - 8260B ICAL

Client ID: MW-12

Instrument ID: HP5973C

Lims Batch ID: 48180

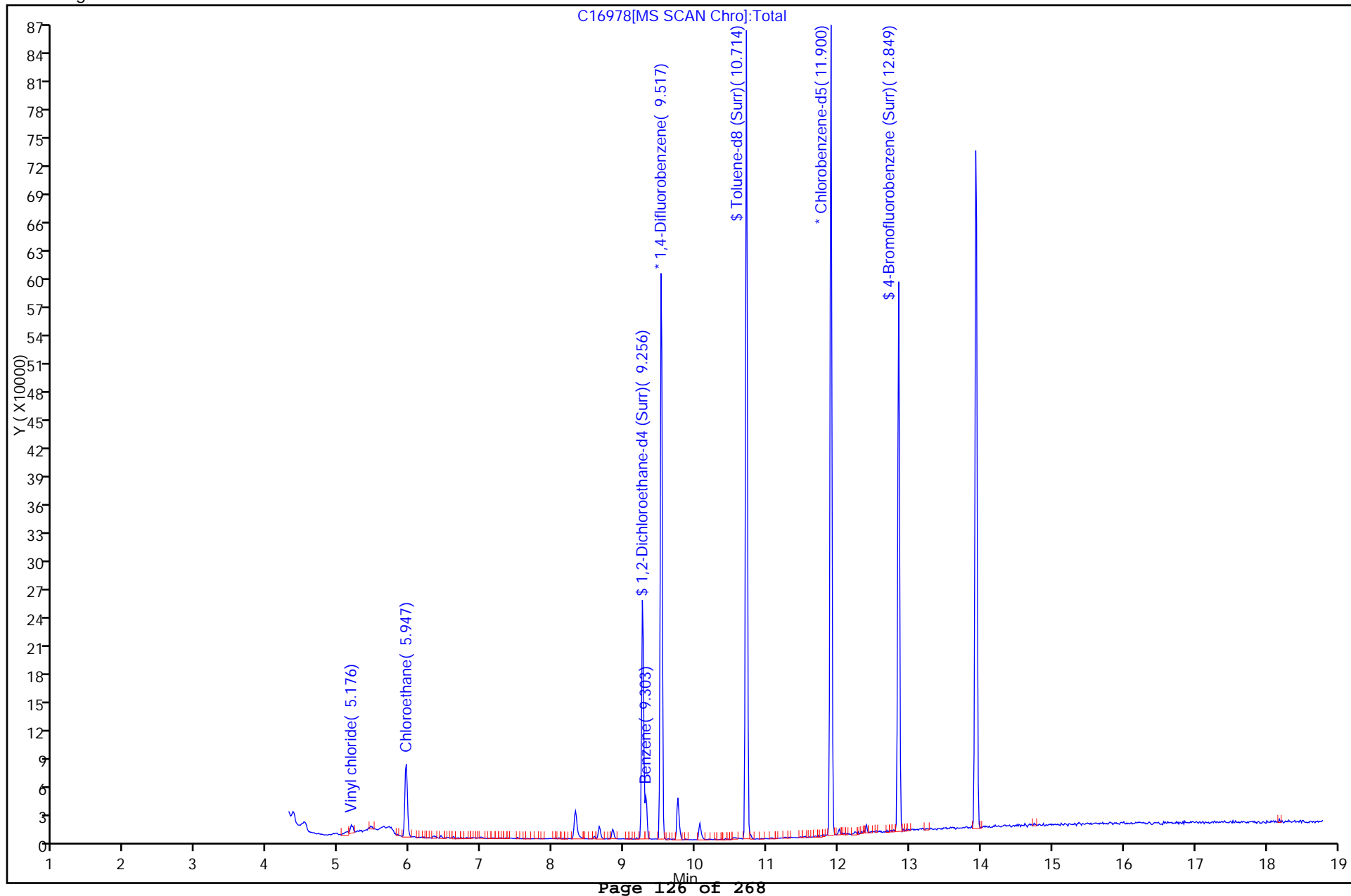
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Operator ID: LH

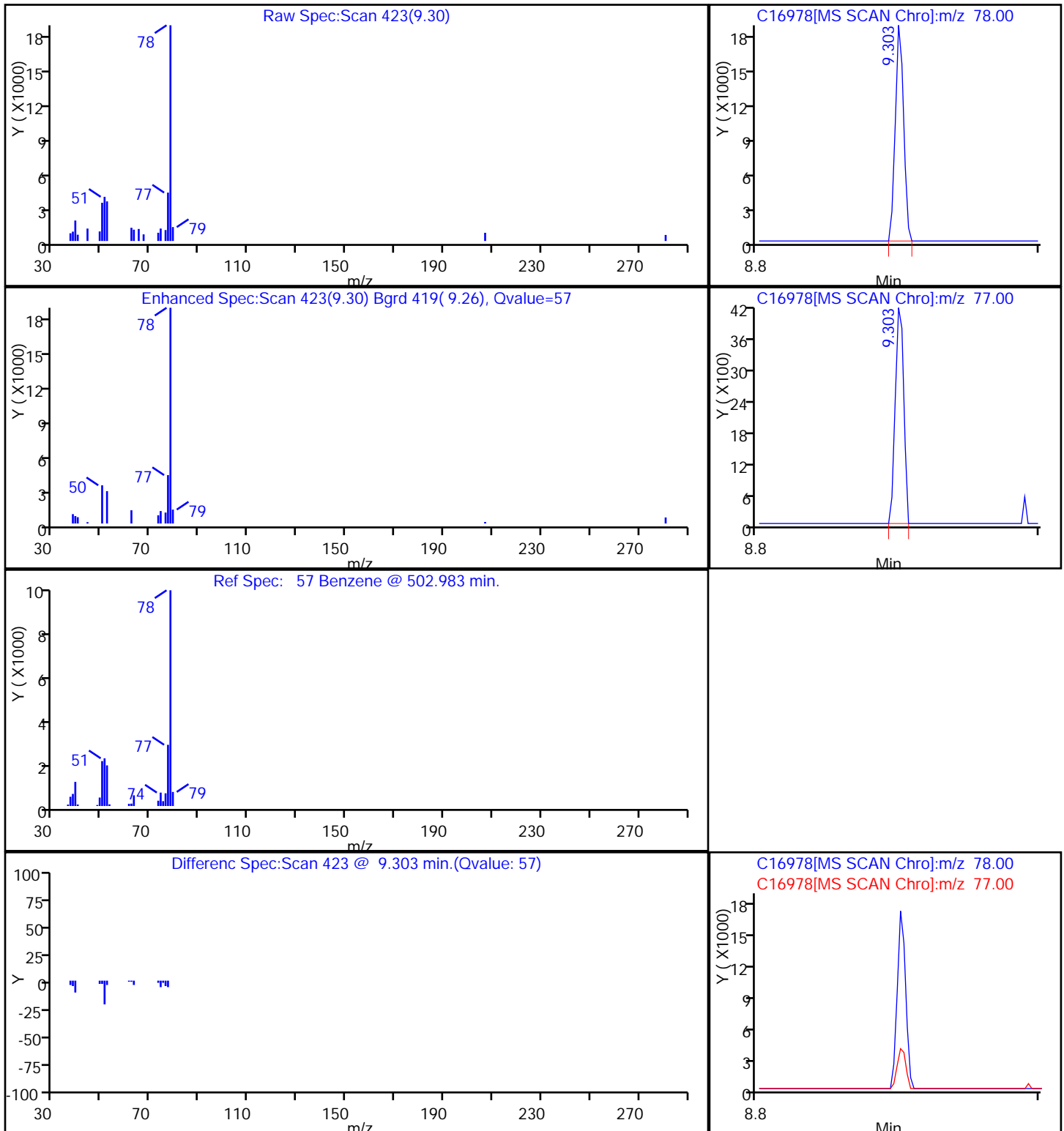
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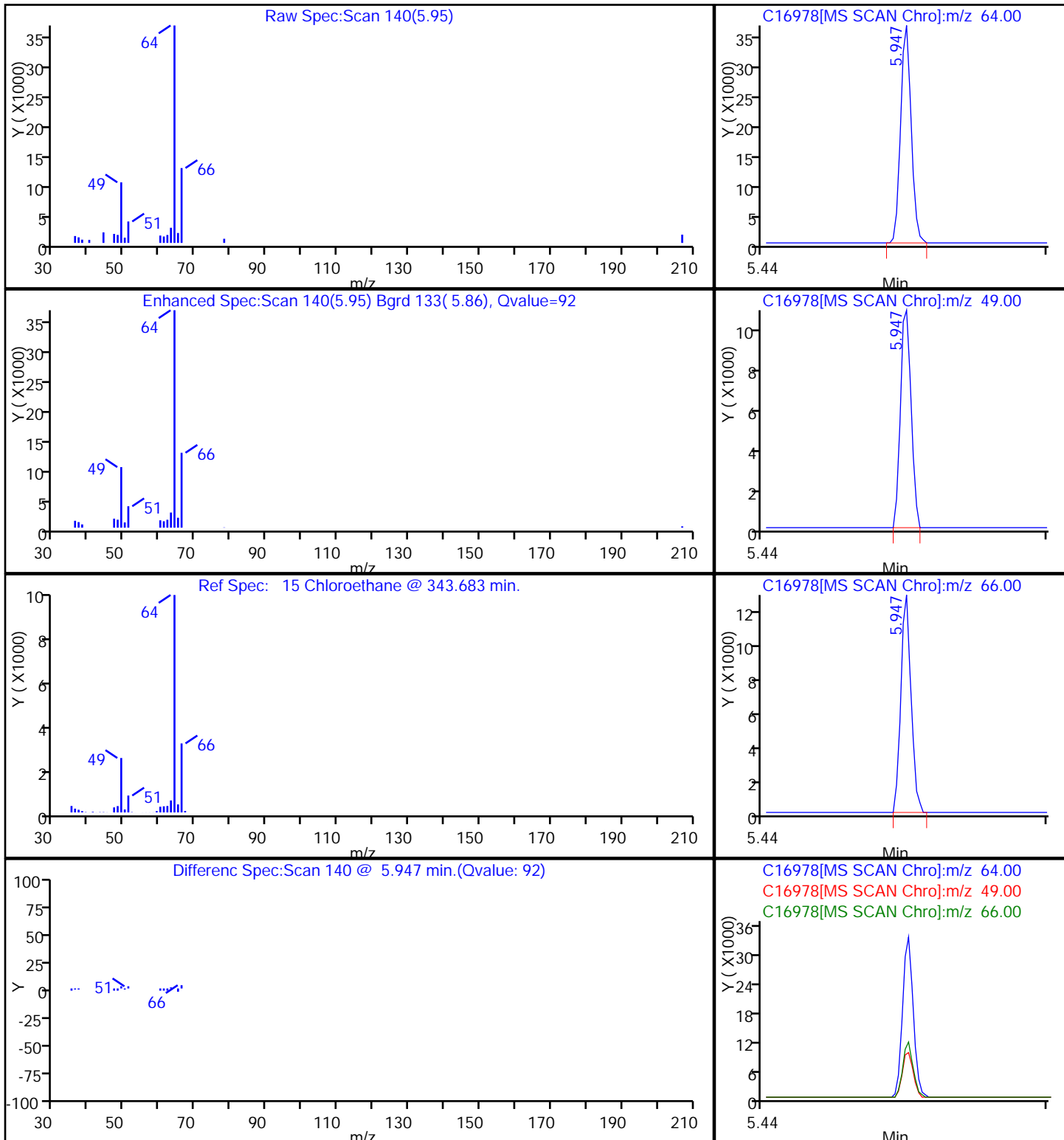
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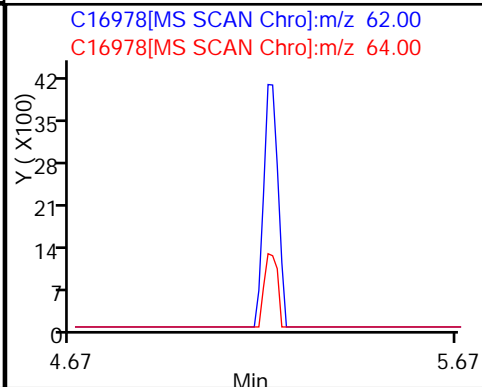
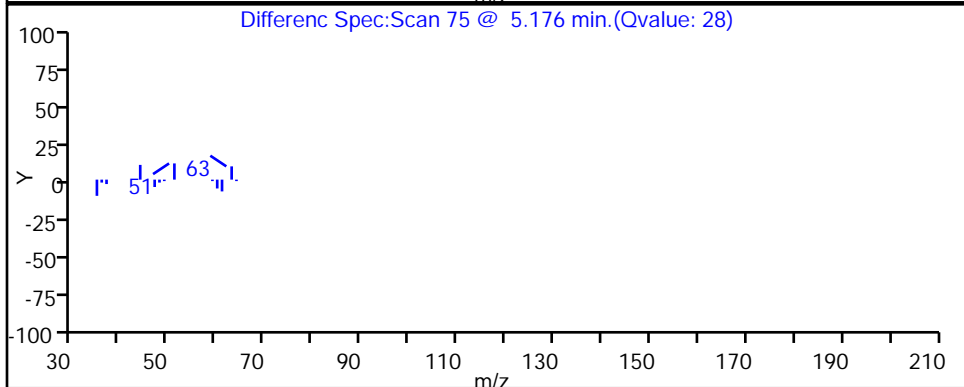
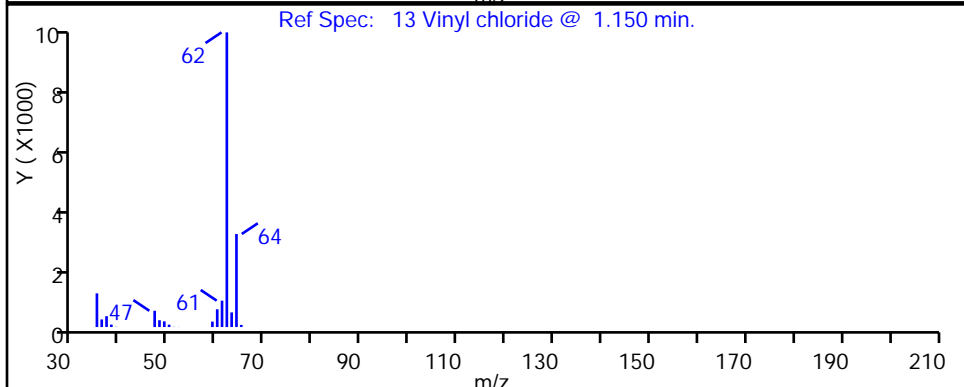
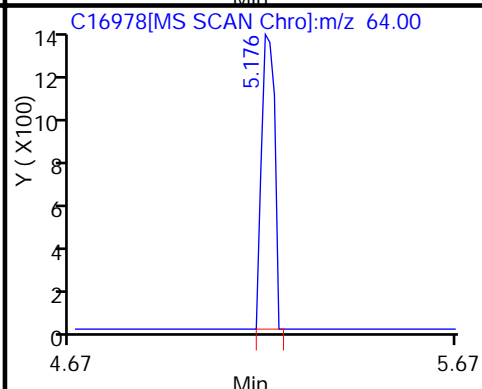
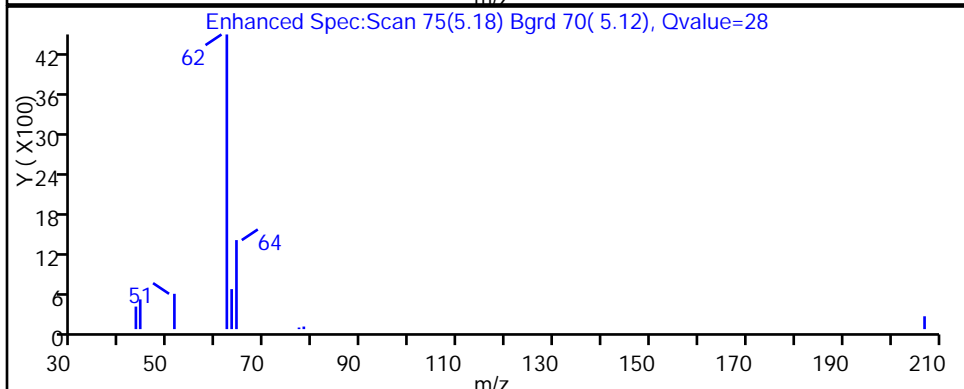
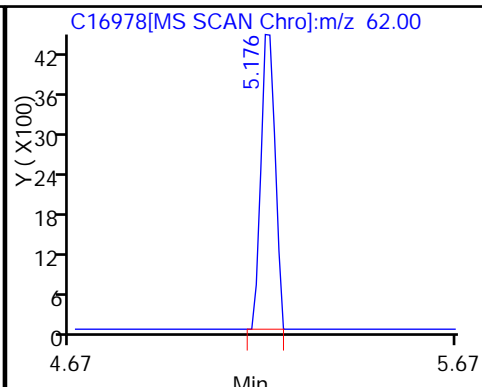
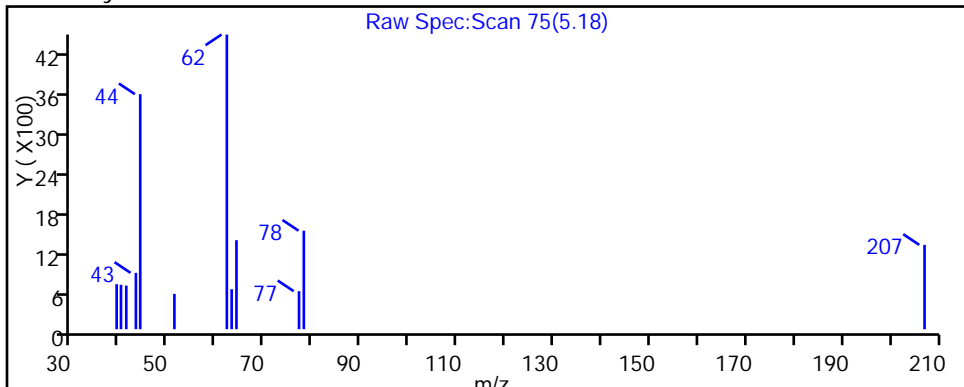
57 Benzene



15 Chloroethane



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-13S Lab Sample ID: 480-14998-8
 Matrix: Ground Water Lab File ID: C16979.D
 Analysis Method: 8260B Date Collected: 01/13/2012 09:15
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 16:27
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		800	660
79-34-5	1,1,2,2-Tetrachloroethane	ND		800	170
79-00-5	1,1,2-Trichloroethane	ND		800	180
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250
75-34-3	1,1-Dichloroethane	ND		800	300
75-35-4	1,1-Dichloroethene	ND		800	230
120-82-1	1,2,4-Trichlorobenzene	ND		800	330
96-12-8	1,2-Dibromo-3-Chloropropane	ND		800	310
106-93-4	1,2-Dibromoethane	ND		800	580
95-50-1	1,2-Dichlorobenzene	ND		800	630
107-06-2	1,2-Dichloroethane	ND		800	170
78-87-5	1,2-Dichloropropane	ND		800	580
541-73-1	1,3-Dichlorobenzene	ND		800	620
106-46-7	1,4-Dichlorobenzene	ND		800	670
591-78-6	2-Hexanone	ND		4000	990
78-93-3	2-Butanone (MEK)	ND		8000	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		4000	1700
67-64-1	Acetone	ND		8000	2400
71-43-2	Benzene	ND		800	330
75-27-4	Bromodichloromethane	ND		800	310
75-25-2	Bromoform	ND		800	210
74-83-9	Bromomethane	ND		800	550
75-15-0	Carbon disulfide	ND		800	150
56-23-5	Carbon tetrachloride	ND		800	220
108-90-7	Chlorobenzene	ND		800	600
124-48-1	Dibromochloromethane	ND		800	260
75-00-3	Chloroethane	ND		800	260
67-66-3	Chloroform	ND		800	270
74-87-3	Chloromethane	ND		800	280
156-59-2	cis-1,2-Dichloroethene	30000		800	650
10061-01-5	cis-1,3-Dichloropropene	ND		800	290
110-82-7	Cyclohexane	ND		800	140
75-71-8	Dichlorodifluoromethane	ND		800	540
100-41-4	Ethylbenzene	ND		800	590
98-82-8	Isopropylbenzene	ND		800	630

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-13S Lab Sample ID: 480-14998-8
 Matrix: Ground Water Lab File ID: C16979.D
 Analysis Method: 8260B Date Collected: 01/13/2012 09:15
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 16:27
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		800	400
1634-04-4	Methyl tert-butyl ether	ND		800	130
108-87-2	Methylcyclohexane	ND		800	130
75-09-2	Methylene Chloride	380	J	800	350
100-42-5	Styrene	ND		800	580
127-18-4	Tetrachloroethene	ND		800	290
108-88-3	Toluene	ND		800	410
156-60-5	trans-1,2-Dichloroethene	ND		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	53000		800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	770	J	800	720
1330-20-7	Xylenes, Total	ND		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		66-137
2037-26-5	Toluene-d8 (Surr)	95		71-126
460-00-4	4-Bromofluorobenzene (Surr)	84		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16979.D
 Lims ID: 480-14998-A-8 Client ID: MW-13S
 Inject. Date: 17-Jan-2012 16:27:30 Dil. Factor: 800.0000
 Sample Type: Client
 Sample ID: 480-14998-A-8
 Misc. Info.: 480-0008916-013
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 40
 Lims Batch ID: 48180 Lims Sample ID: 13
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 23:10:54

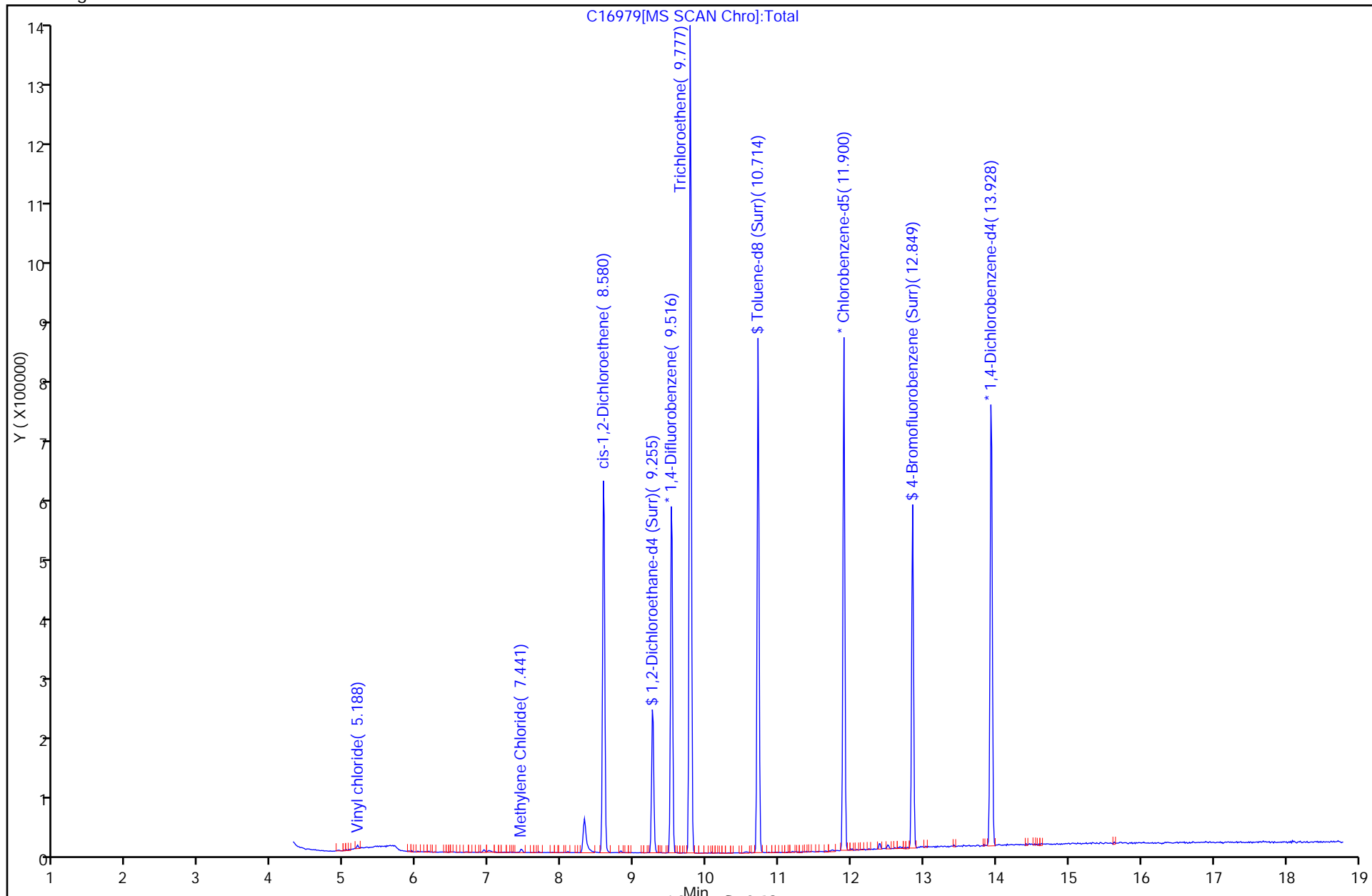
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	96	505003	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	269730	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	97	246607	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	95165	24.0	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	575044	23.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	85	169667	21.0	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62	5.188	5.188	0.0	22	8044	0.9566	
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96		6.931					
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84	7.453	7.441	0.012	48	3203	0.4809	
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.690					
39 1,1-Dichloroethane	63		8.081					
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	72	293102	37.5	
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95	9.777	9.777	0.0	93	472561	66.5	
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.935					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

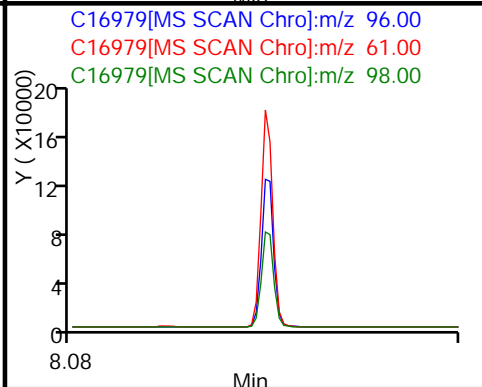
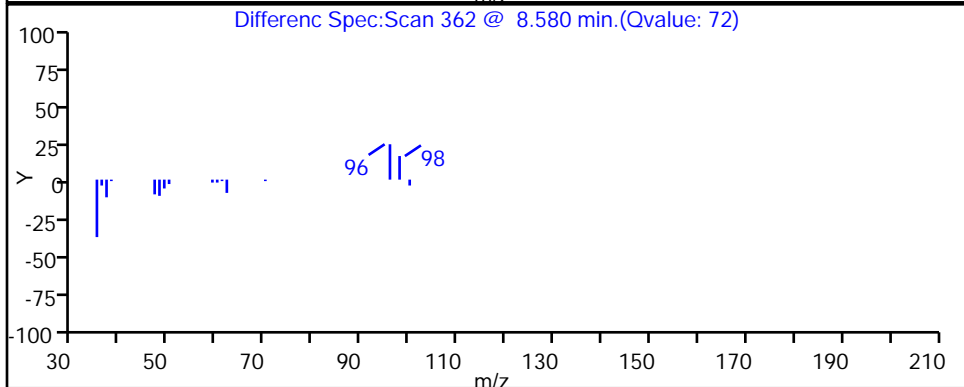
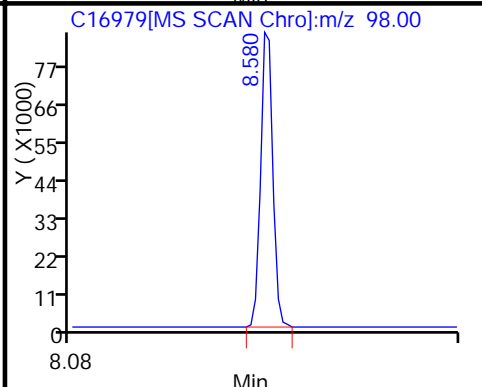
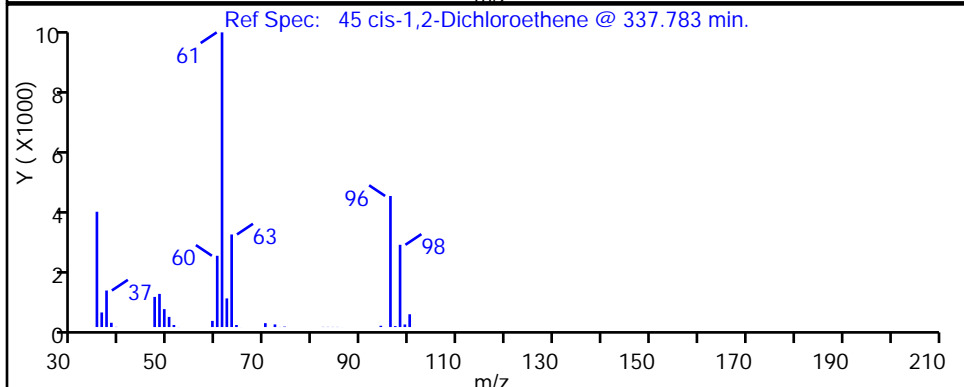
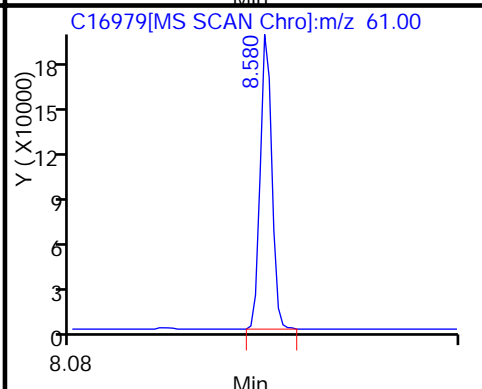
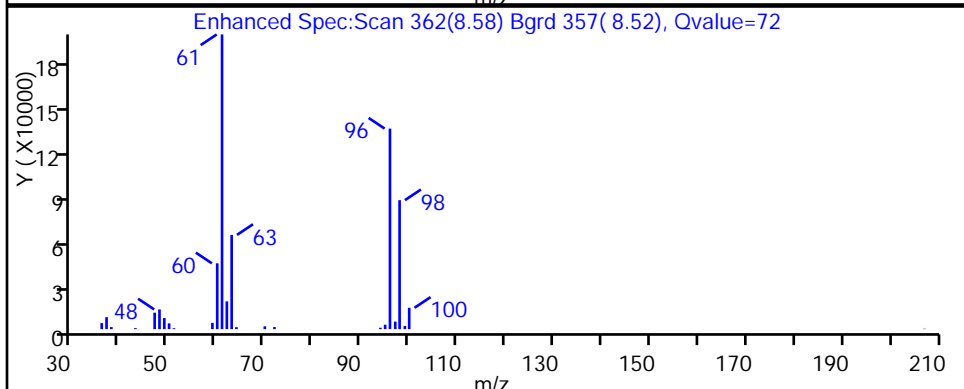
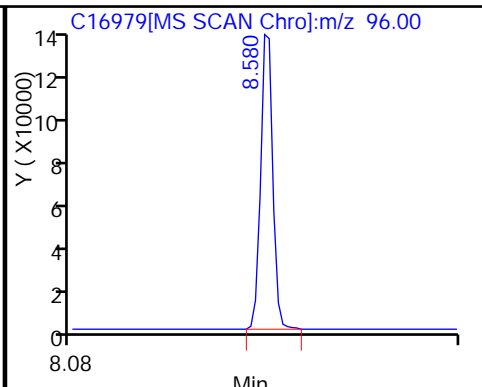
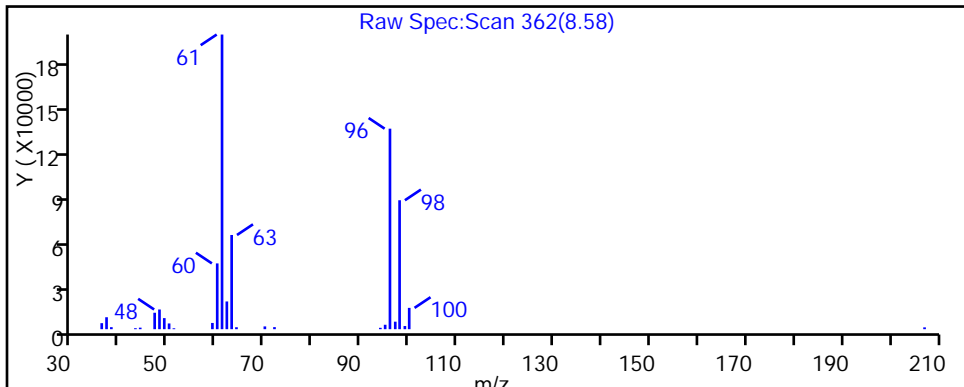
QC Flag Legend

Processing Flags

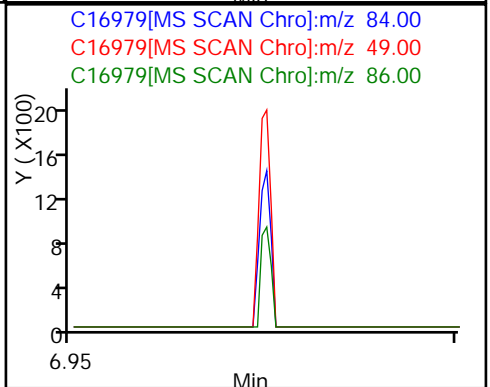
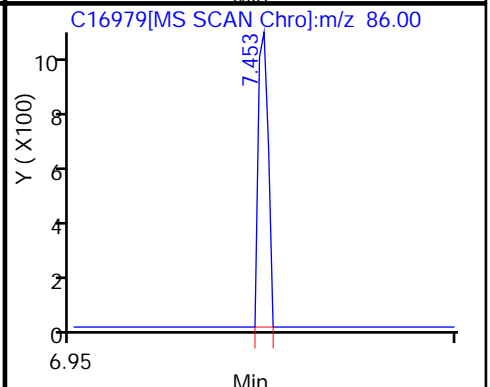
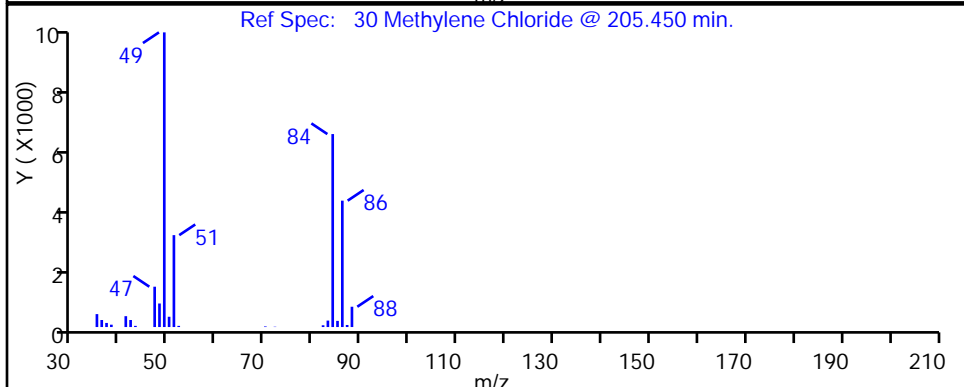
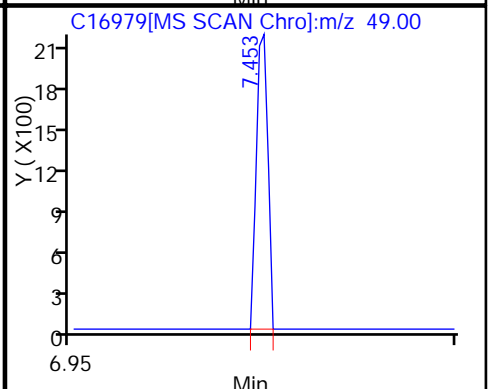
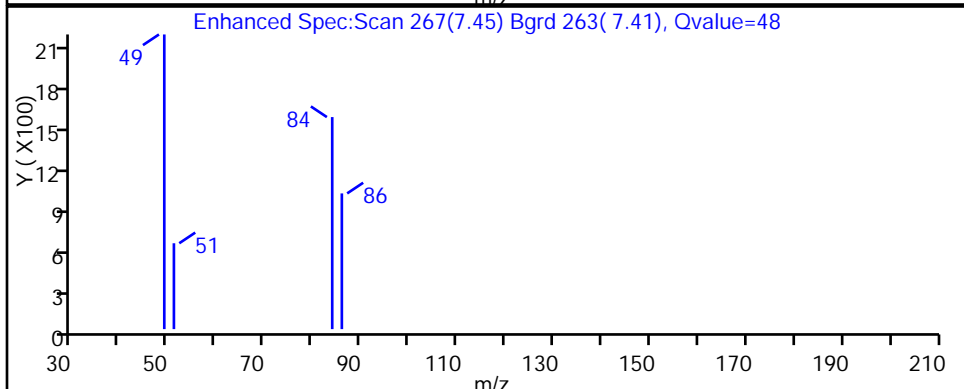
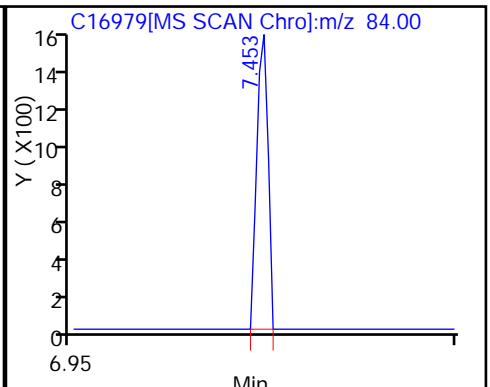
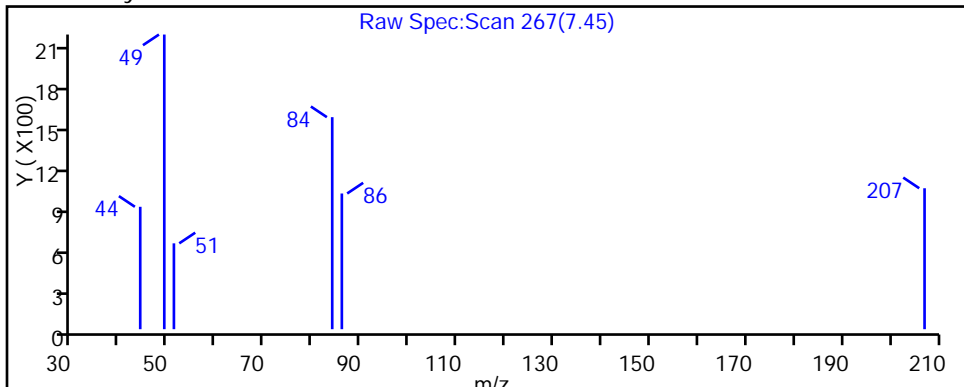
7 - Failed Limit of Detection



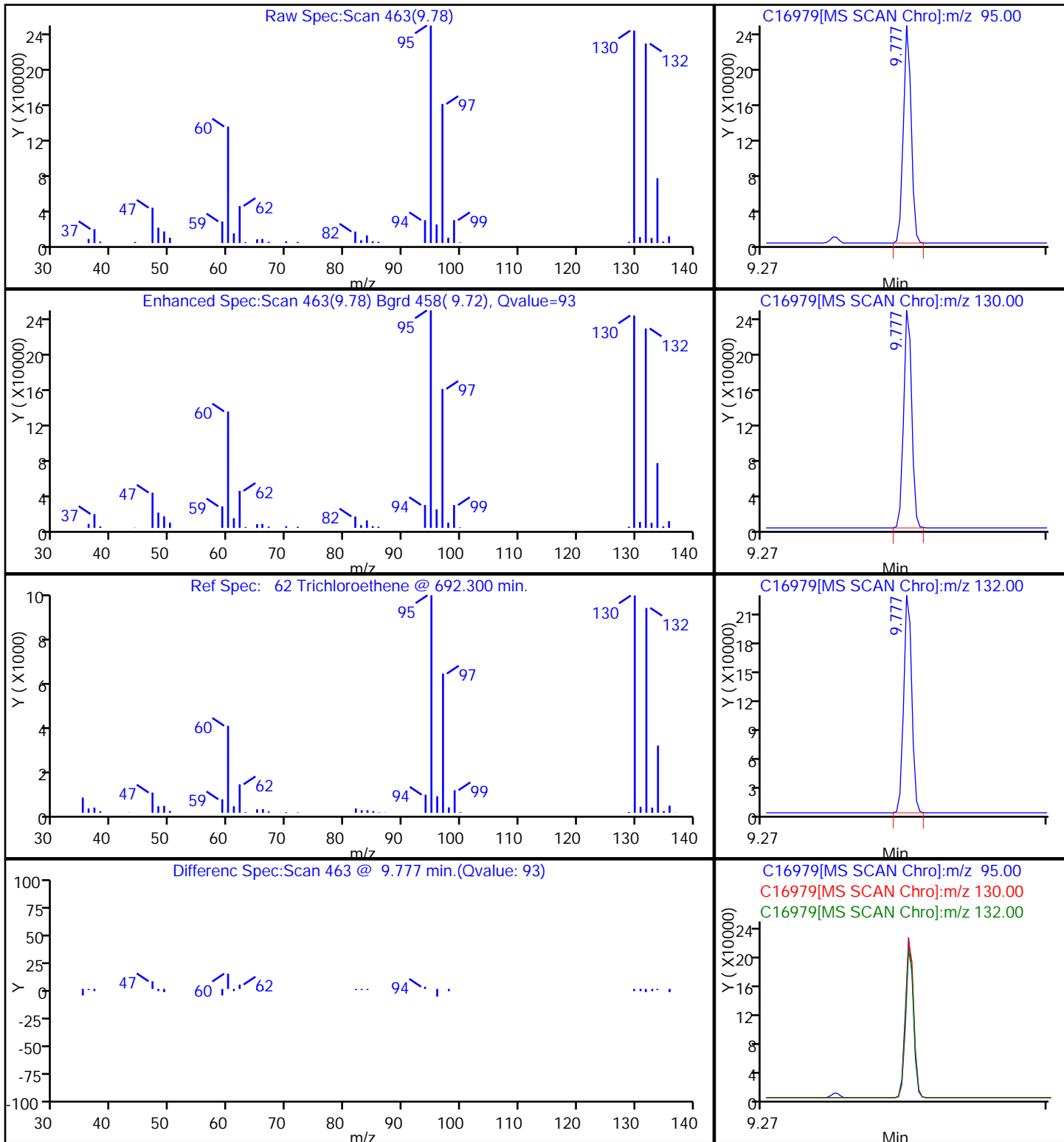
45 cis-1,2-Dichloroethene



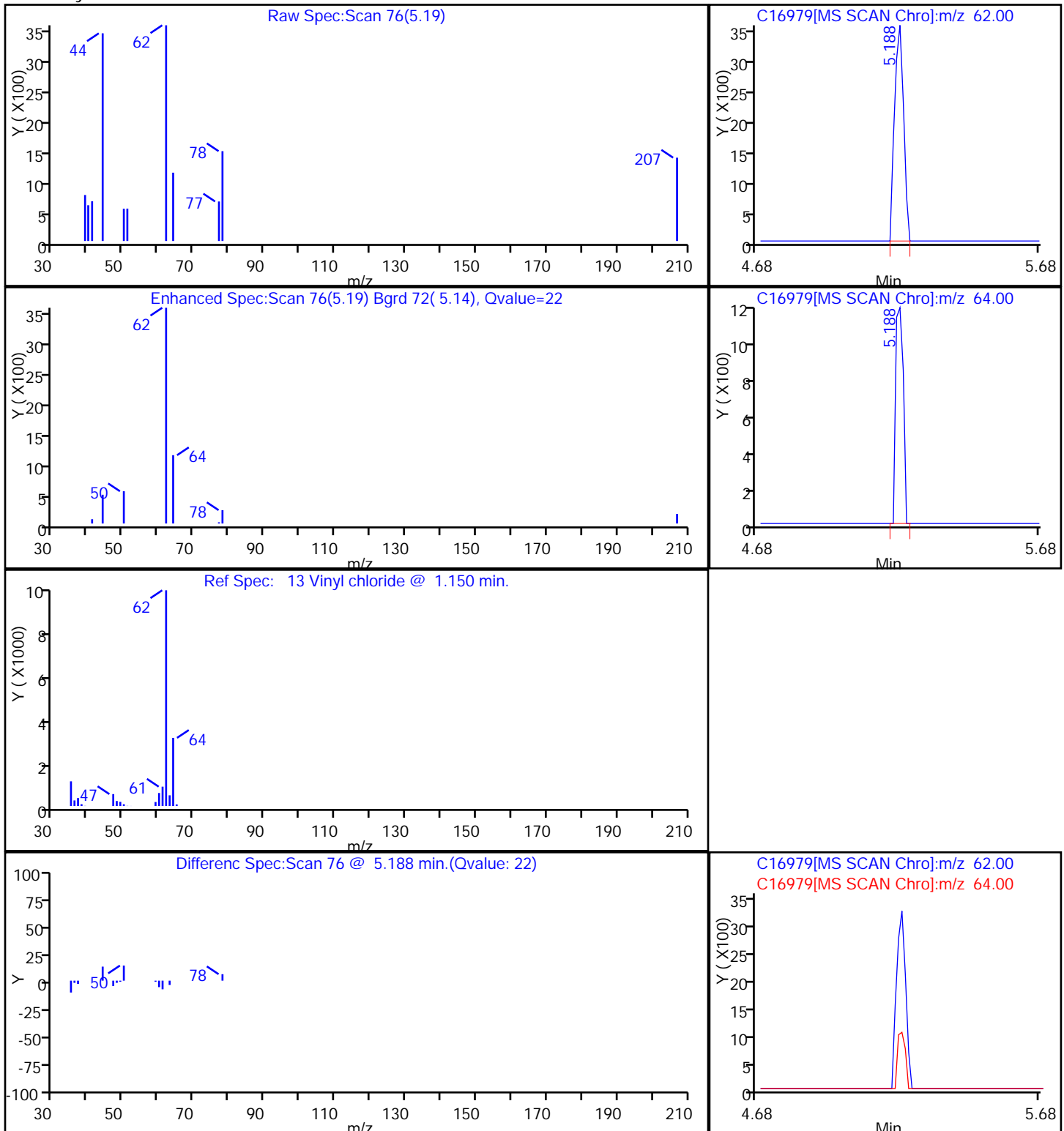
30 Methylene Chloride



62 Trichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: Duplicate Lab Sample ID: 480-14998-9
 Matrix: Water Lab File ID: C16980.D
 Analysis Method: 8260B Date Collected: 01/13/2012 07:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 16:52
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		800	660
79-34-5	1,1,2,2-Tetrachloroethane	ND		800	170
79-00-5	1,1,2-Trichloroethane	ND		800	180
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250
75-34-3	1,1-Dichloroethane	580	J	800	300
75-35-4	1,1-Dichloroethene	470	J	800	230
120-82-1	1,2,4-Trichlorobenzene	ND		800	330
96-12-8	1,2-Dibromo-3-Chloropropane	ND		800	310
106-93-4	1,2-Dibromoethane	ND		800	580
95-50-1	1,2-Dichlorobenzene	ND		800	630
107-06-2	1,2-Dichloroethane	ND		800	170
78-87-5	1,2-Dichloropropane	ND		800	580
541-73-1	1,3-Dichlorobenzene	ND		800	620
106-46-7	1,4-Dichlorobenzene	ND		800	670
591-78-6	2-Hexanone	ND		4000	990
78-93-3	2-Butanone (MEK)	ND		8000	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		4000	1700
67-64-1	Acetone	ND		8000	2400
71-43-2	Benzene	ND		800	330
75-27-4	Bromodichloromethane	ND		800	310
75-25-2	Bromoform	ND		800	210
74-83-9	Bromomethane	ND		800	550
75-15-0	Carbon disulfide	ND		800	150
56-23-5	Carbon tetrachloride	ND		800	220
108-90-7	Chlorobenzene	ND		800	600
124-48-1	Dibromochloromethane	ND		800	260
75-00-3	Chloroethane	ND		800	260
67-66-3	Chloroform	ND		800	270
74-87-3	Chloromethane	ND		800	280
156-59-2	cis-1,2-Dichloroethene	58000		800	650
10061-01-5	cis-1,3-Dichloropropene	ND		800	290
110-82-7	Cyclohexane	ND		800	140
75-71-8	Dichlorodifluoromethane	ND		800	540
100-41-4	Ethylbenzene	ND		800	590
98-82-8	Isopropylbenzene	ND		800	630

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: Duplicate Lab Sample ID: 480-14998-9
 Matrix: Water Lab File ID: C16980.D
 Analysis Method: 8260B Date Collected: 01/13/2012 07:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 16:52
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		800	400
1634-04-4	Methyl tert-butyl ether	ND		800	130
108-87-2	Methylcyclohexane	ND		800	130
75-09-2	Methylene Chloride	ND		800	350
100-42-5	Styrene	ND		800	580
127-18-4	Tetrachloroethene	ND		800	290
108-88-3	Toluene	ND		800	410
156-60-5	trans-1,2-Dichloroethene	ND		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	130000	E	800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	2900		800	720
1330-20-7	Xylenes, Total	ND		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		66-137
2037-26-5	Toluene-d8 (Surr)	96		71-126
460-00-4	4-Bromofluorobenzene (Surr)	84		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16980.D
 Lims ID: 480-14998-A-9 Client ID: Duplicate
 Inject. Date: 17-Jan-2012 16:52:30 Dil. Factor: 800.0000
 Sample Type: Client
 Sample ID: 480-14998-A-9
 Misc. Info.: 480-0008916-014
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 41
 Lims Batch ID: 48180 Lims Sample ID: 14
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 22:13:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	503728	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	85	269407	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	97	241275	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	96507	24.4	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	582477	24.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	168357	20.9	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62	5.176	5.188	-0.012	67	30558	3.64	
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96	6.931	6.931	0.0	39	3360	0.5821	
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.690					
39 1,1-Dichloroethane	63	8.082	8.081	0.001	1	9154	0.7310	
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	71	567581	72.9	
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95	9.777	9.777	0.0	93	1117338	157.6	E
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.935					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Report Date: 17-Jan-2012 22:13:01

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16980.D

Injection Date: 17-Jan-2012 16:52:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 48180

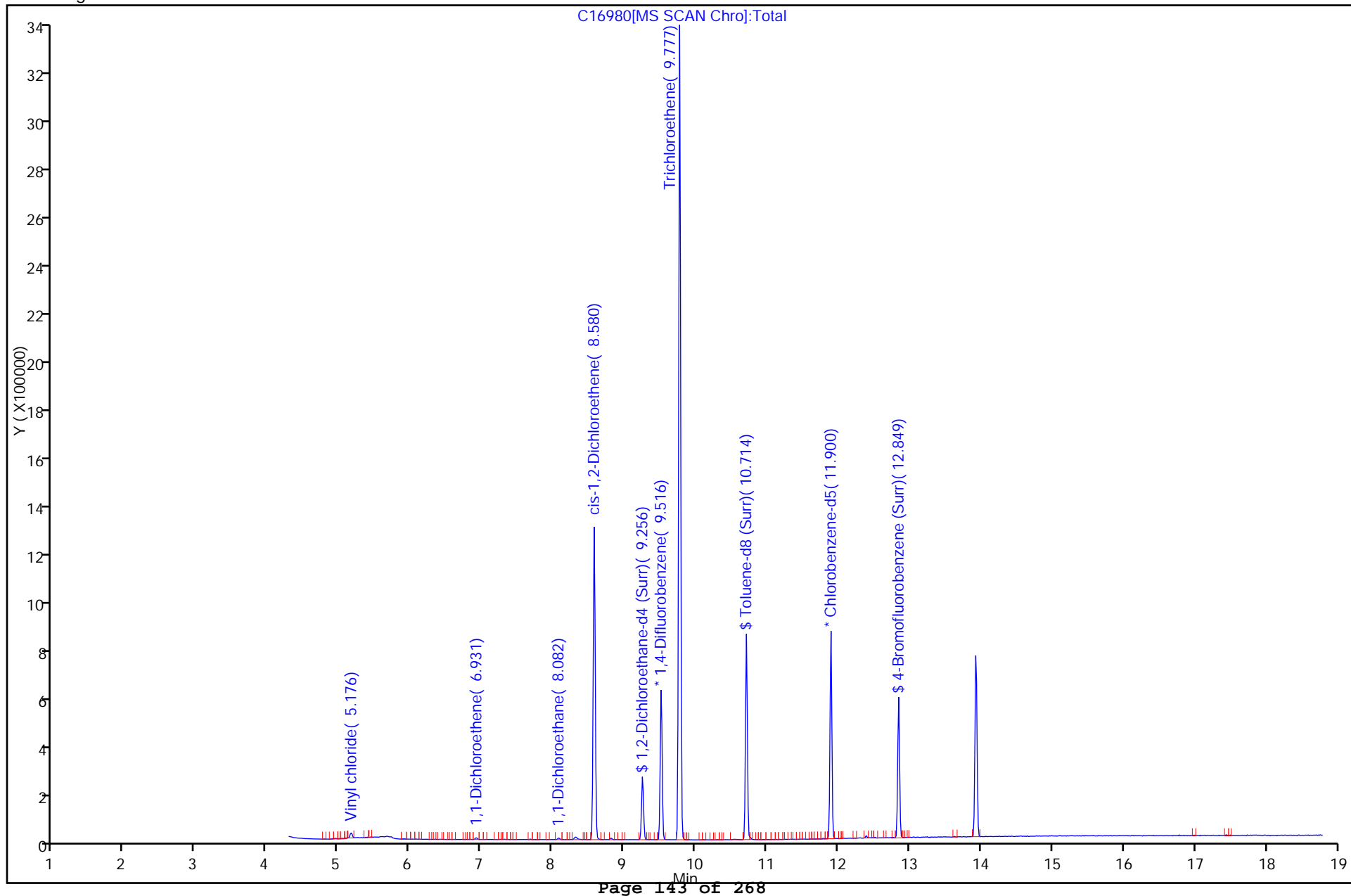
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Operator ID: LH

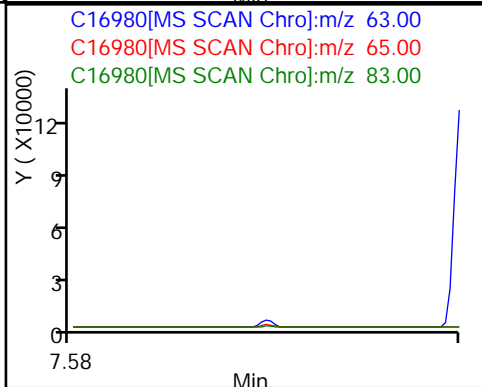
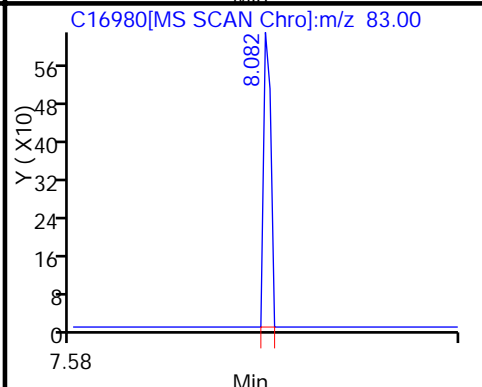
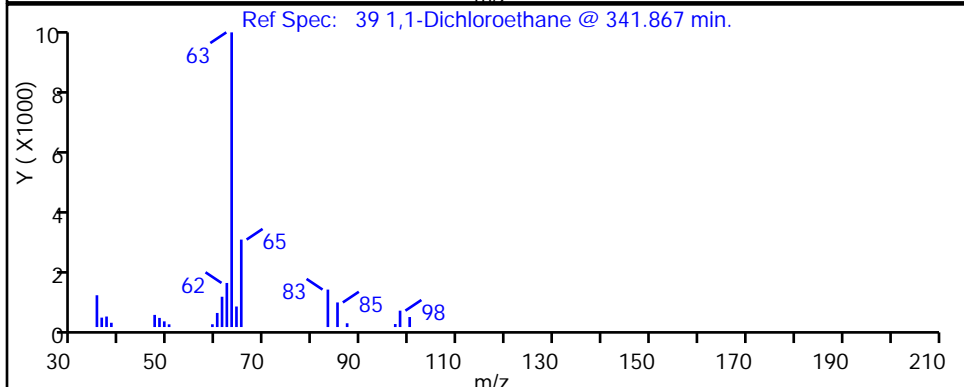
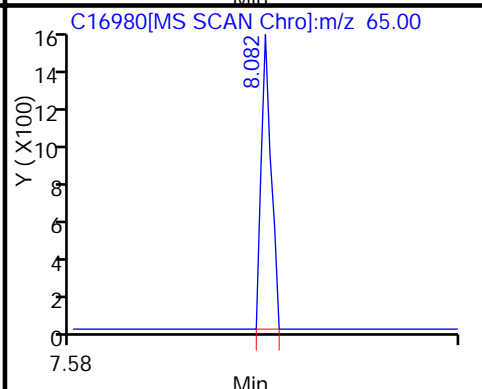
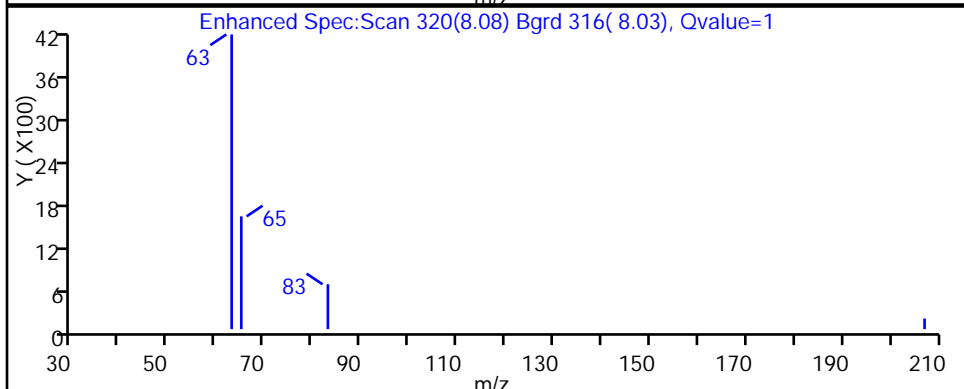
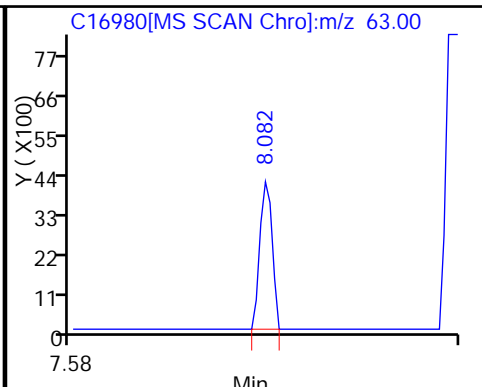
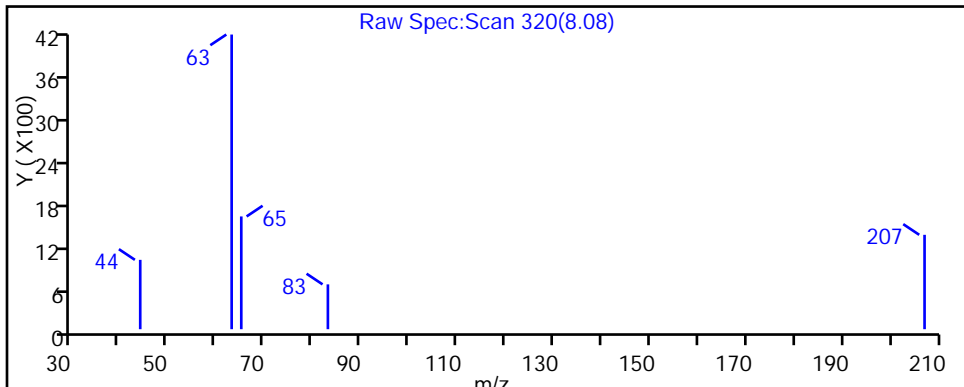
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Column Dia: 0.25 mm

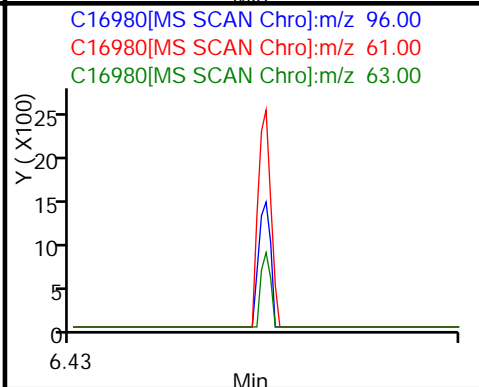
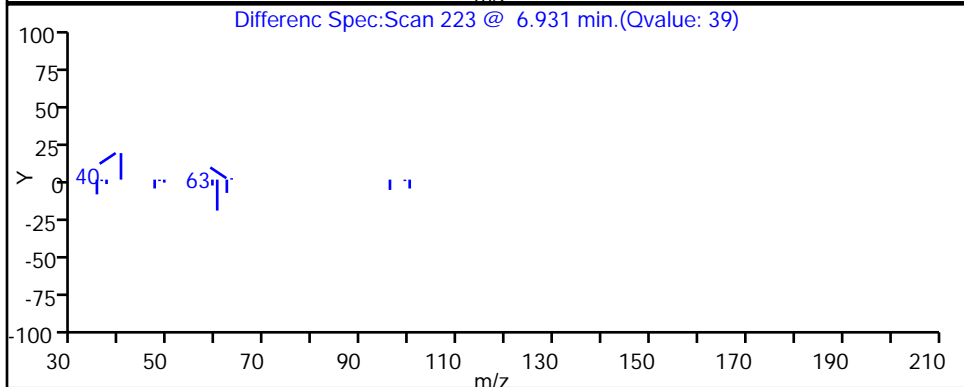
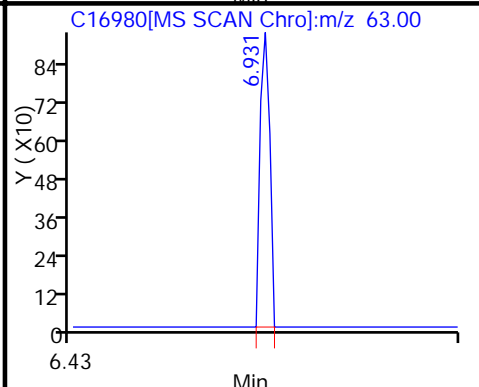
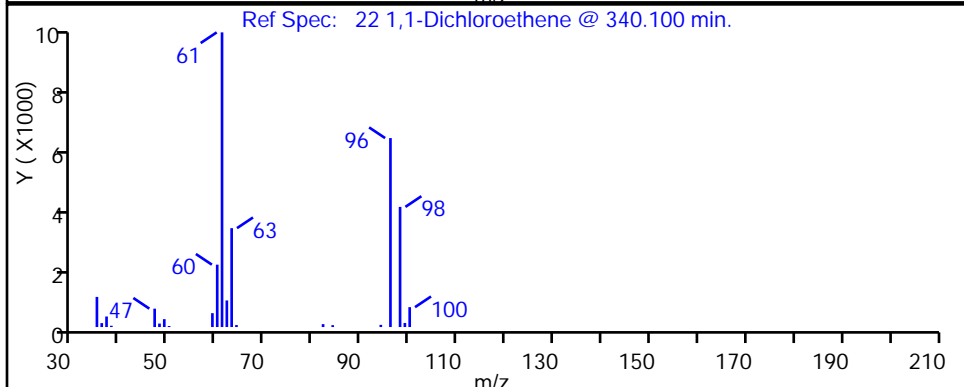
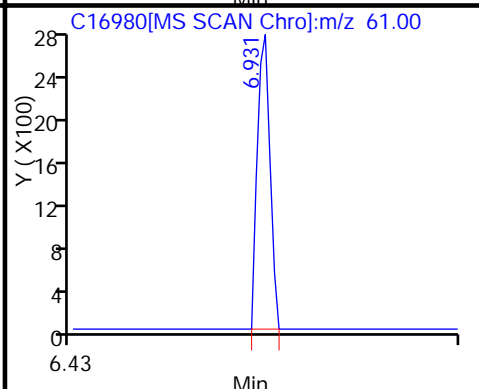
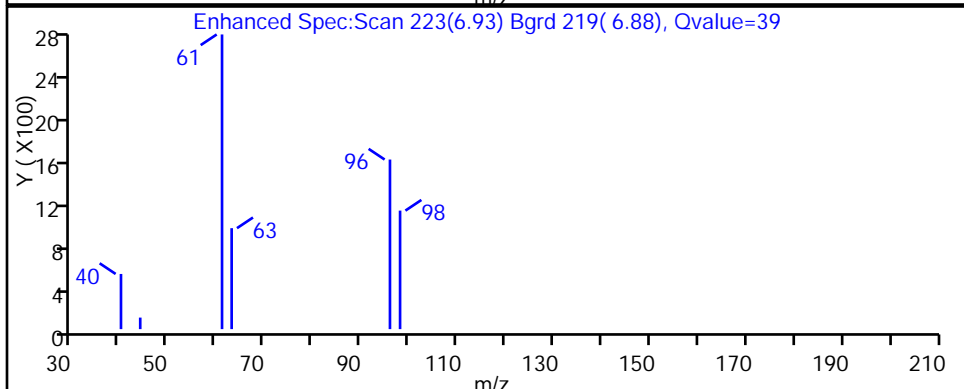
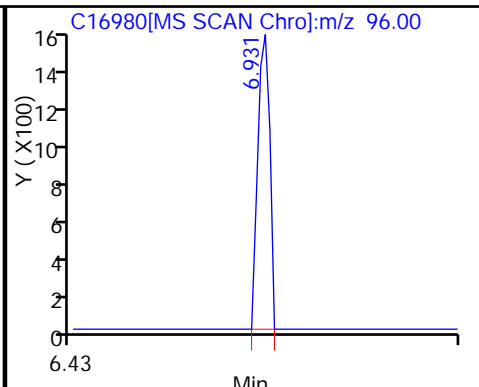
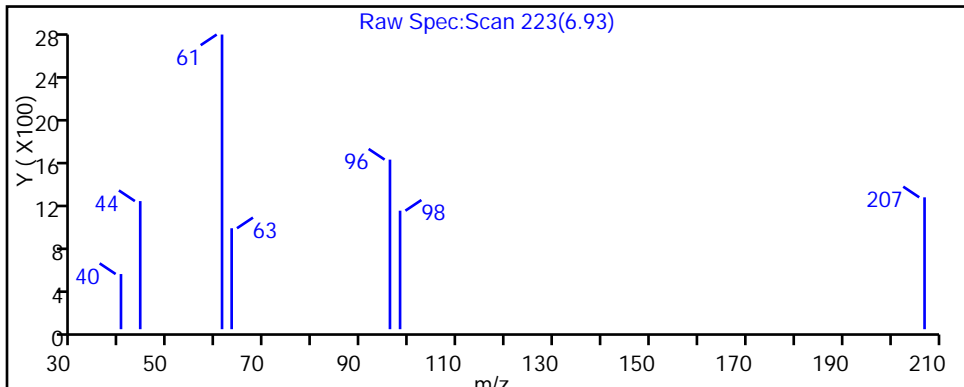
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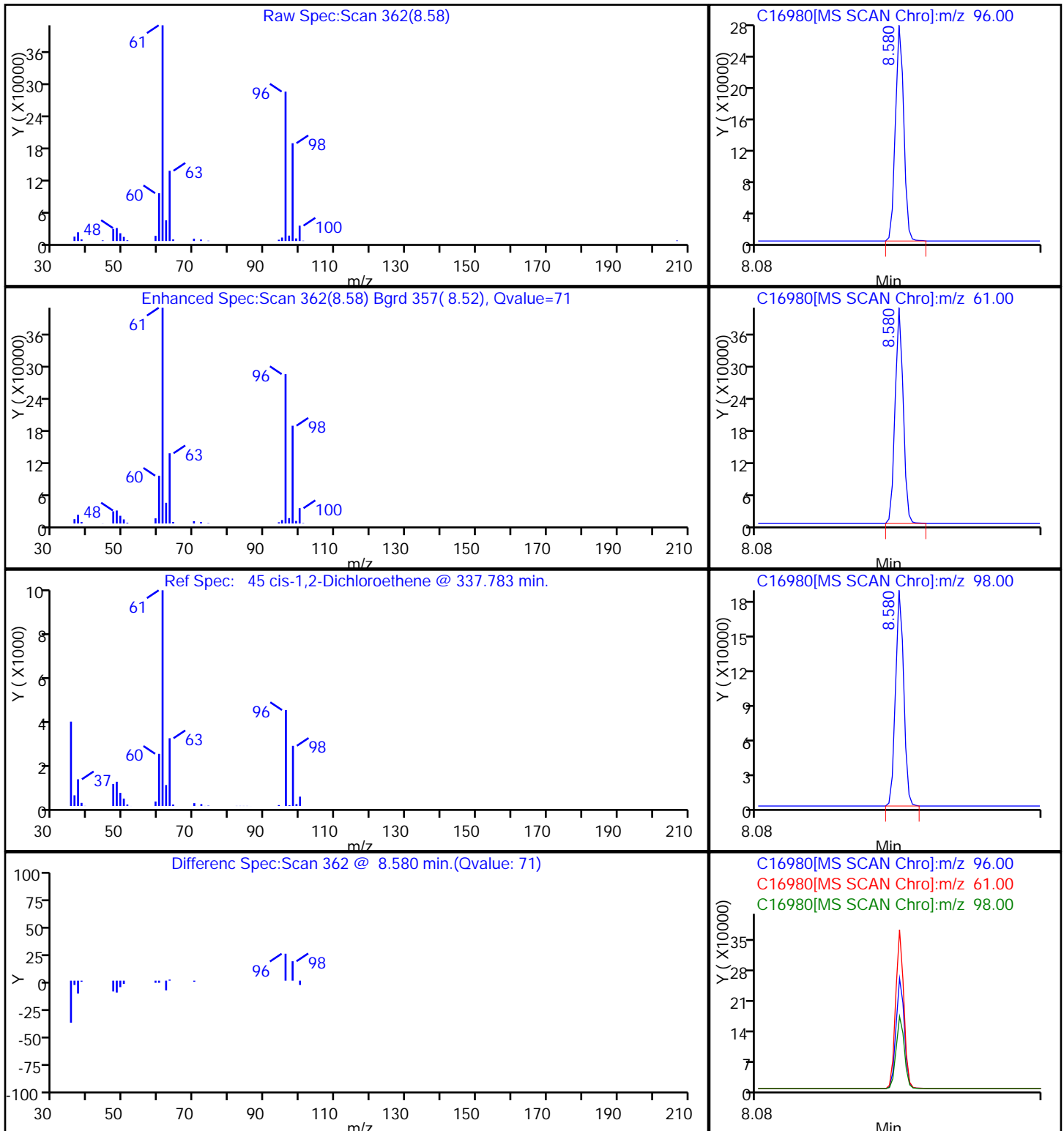
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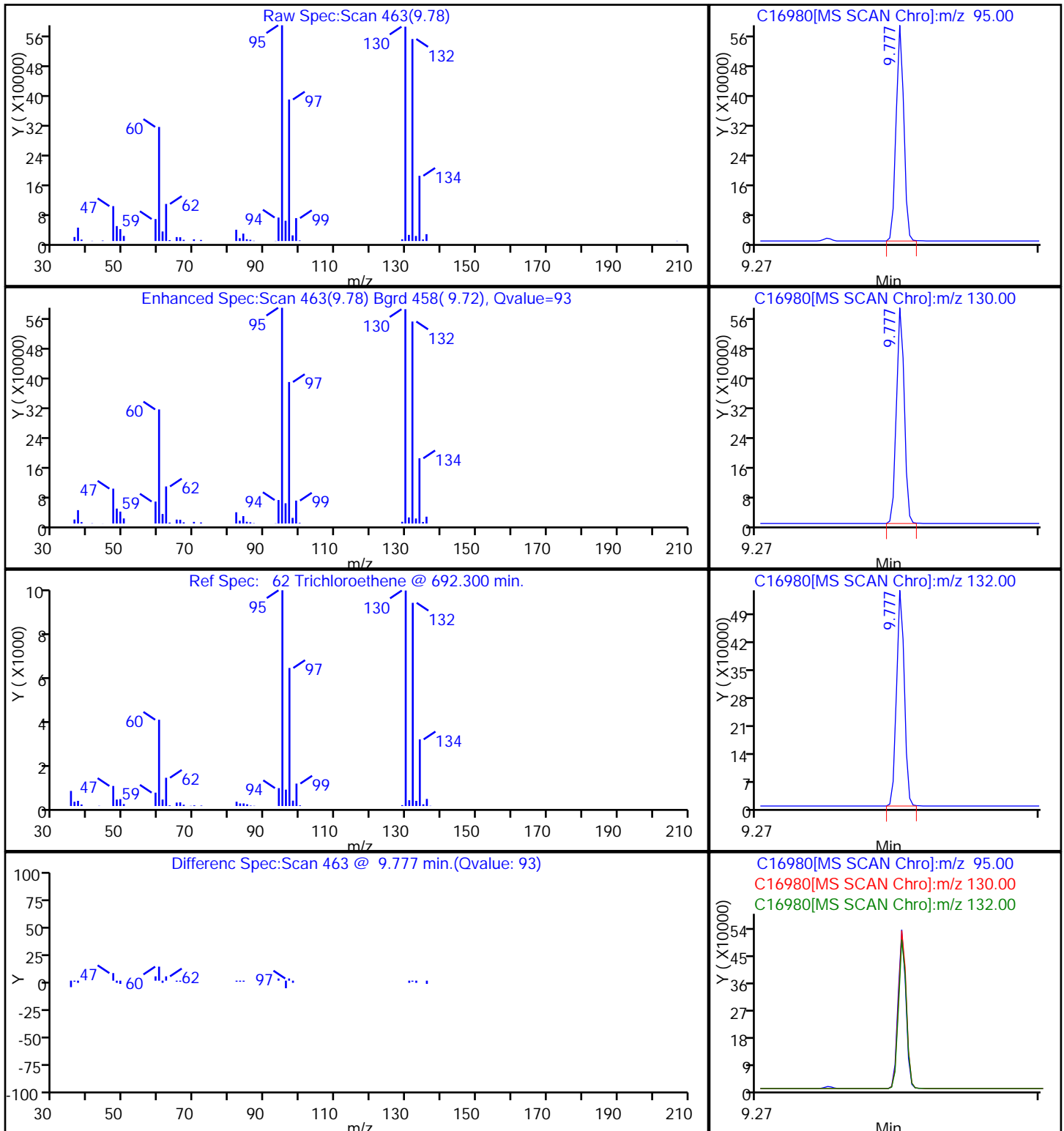
22 1,1-Dichloroethene



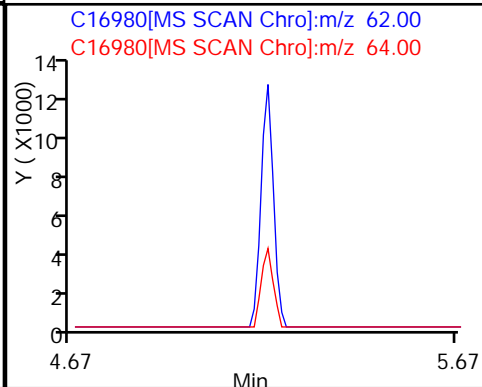
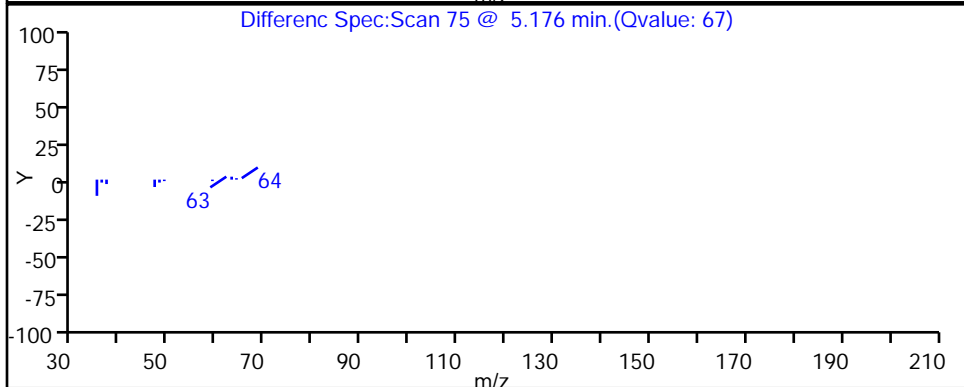
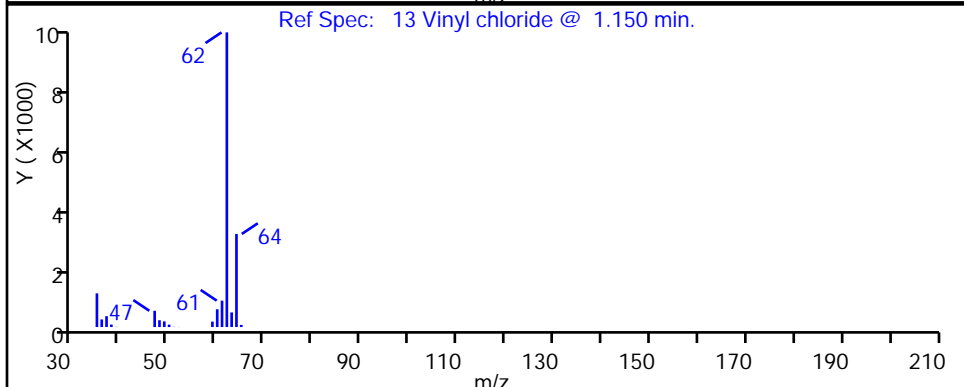
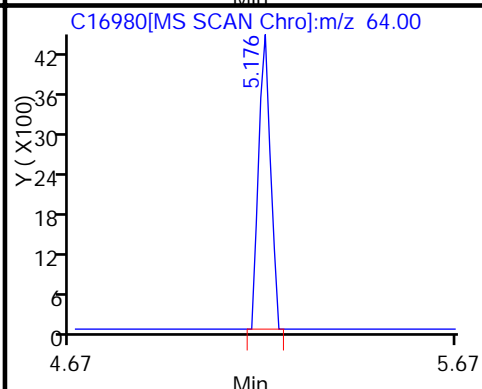
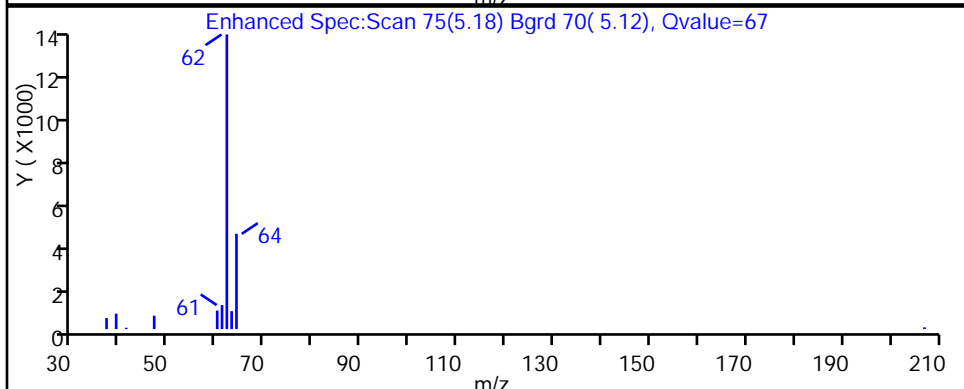
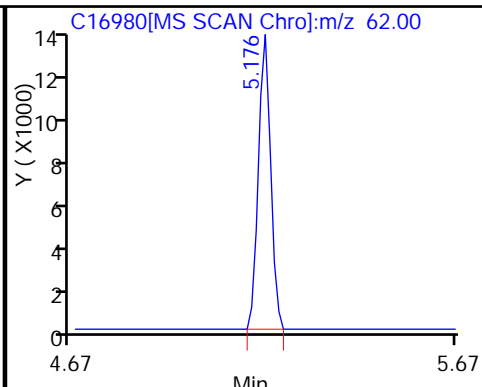
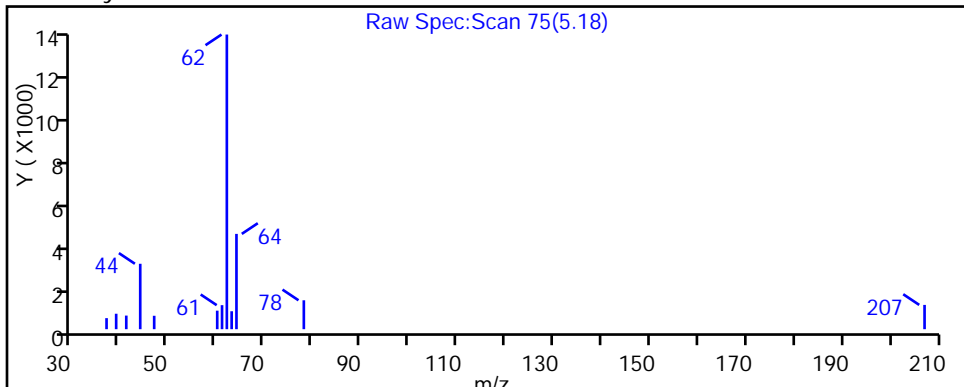
45 cis-1,2-Dichloroethene



62 Trichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: Duplicate DL Lab Sample ID: 480-14998-9 DL
 Matrix: Water Lab File ID: C16998.D
 Analysis Method: 8260B Date Collected: 01/13/2012 07:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/18/2012 01:17
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48336 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2000	1600
79-34-5	1,1,2,2-Tetrachloroethane	ND		2000	420
79-00-5	1,1,2-Trichloroethane	ND		2000	460
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	620
75-34-3	1,1-Dichloroethane	ND		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
591-78-6	2-Hexanone	ND		10000	2500
78-93-3	2-Butanone (MEK)	ND		20000	2600
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
124-48-1	Dibromochloromethane	ND		2000	640
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	54000		2000	1600
10061-01-5	cis-1,3-Dichloropropene	ND		2000	720
110-82-7	Cyclohexane	ND		2000	360
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: Duplicate DL Lab Sample ID: 480-14998-9 DL
 Matrix: Water Lab File ID: C16998.D
 Analysis Method: 8260B Date Collected: 01/13/2012 07:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/18/2012 01:17
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48336 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2000	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	120000		2000	920
75-69-4	Trichlorofluoromethane	ND		2000	1800
75-01-4	Vinyl chloride	2800		2000	1800
1330-20-7	Xylenes, Total	ND		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		66-137
2037-26-5	Toluene-d8 (Surr)	91		71-126
460-00-4	4-Bromofluorobenzene (Surr)	77		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C16998.D
 Lims ID: 480-14998-B-9 Client ID: Duplicate
 Inject. Date: 18-Jan-2012 01:17:30 Dil. Factor: 2000.0000
 Sample Type: Client
 Sample ID: 480-14998-B-9
 Misc. Info.: 480-0008937-007
 Operator: CDC Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 3
 Lims Batch ID: 48336 Lims Sample ID: 7
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C-8260.m
 Last Update: 18-Jan-2012 00:06:57 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

First Level Reviewer: coderd

Date: 18-Jan-2012 11:18:26

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	551527	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	293016	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.940	-0.012	98	256465	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	95518	22.1	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	597752	22.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	85	169677	19.3	
10 Dichlorodifluoromethane	85		4.536					
12 Chloromethane	50		4.939					
13 Vinyl chloride	62	5.176	5.176	0.0	21	12992	1.41	
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.279					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.860					
22 1,1-Dichloroethene	96		6.919					
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.678					
39 1,1-Dichloroethane	63		8.082					
43 2-Butanone (MEK)	43		8.532					
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	71	228356	26.8	
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95	9.777	9.777	0.0	93	456205	58.8	
64 Methylcyclohexane	83		9.920					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.936					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 18-Jan-2012 11:18:26

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C16998.D

Injection Date: 18-Jan-2012 01:17:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 48336

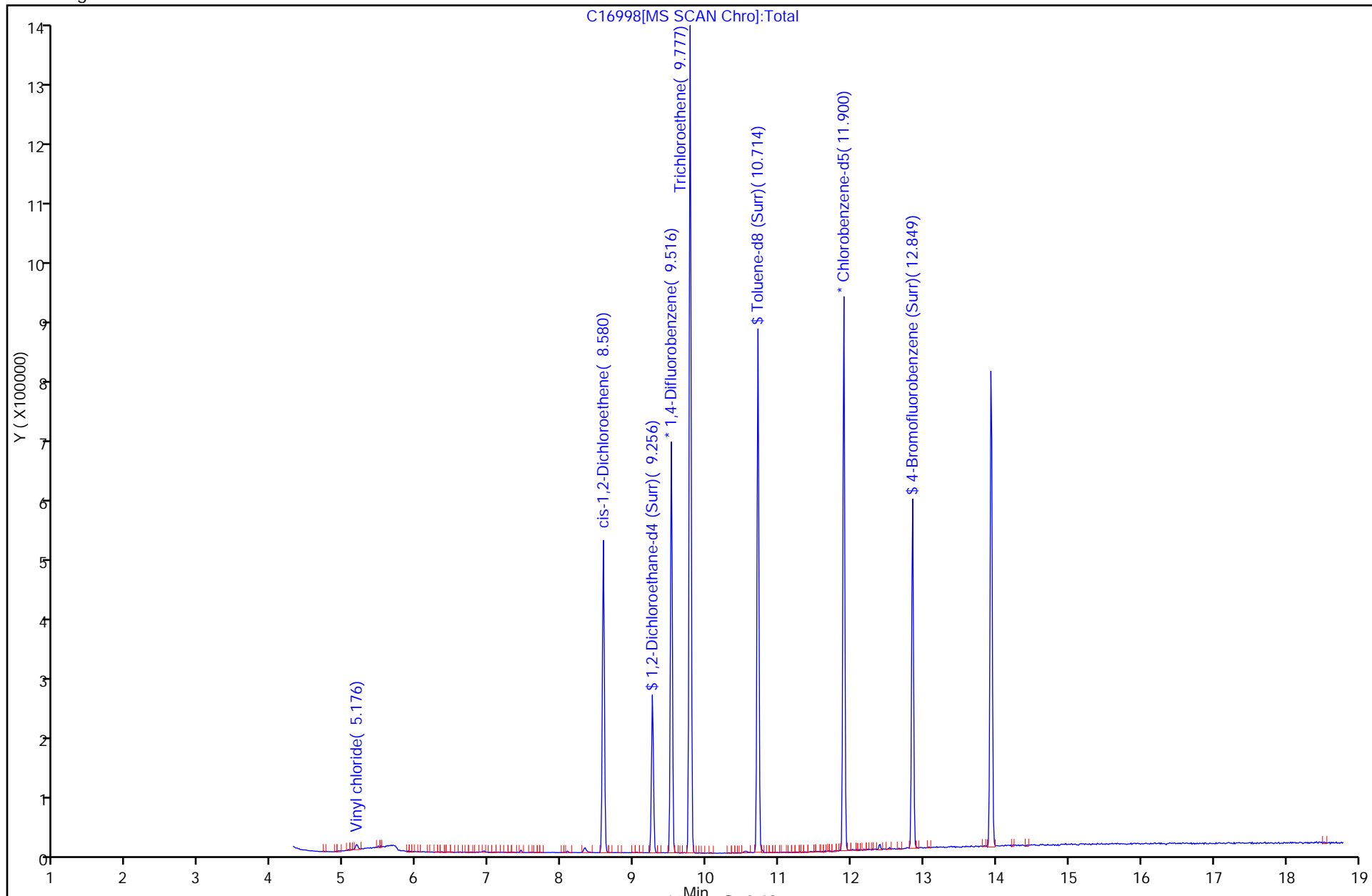
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Operator ID: CDC

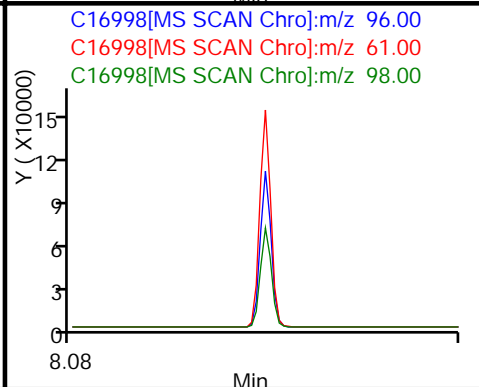
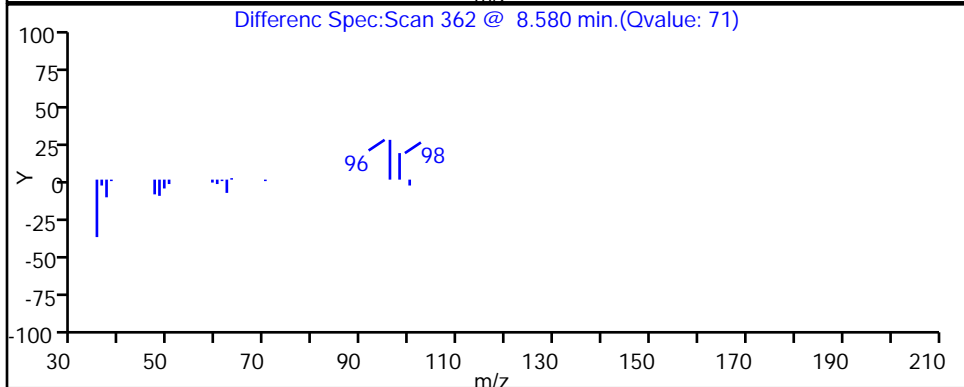
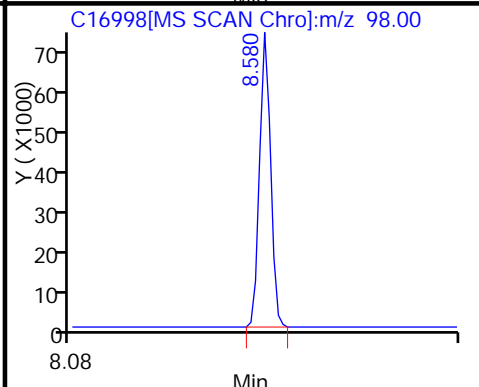
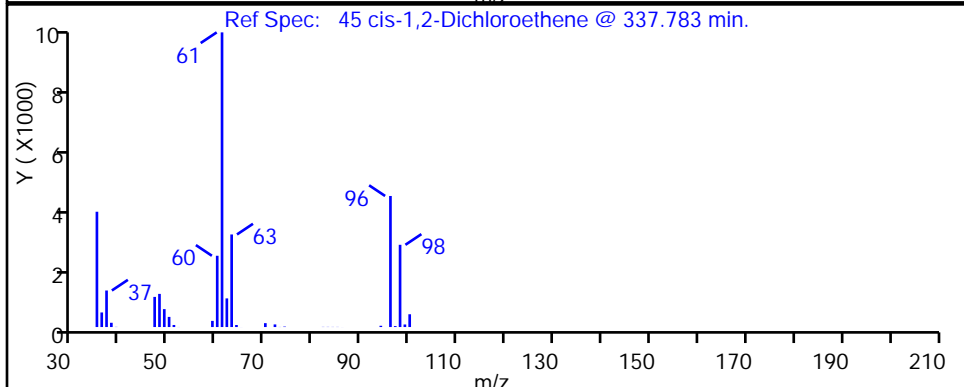
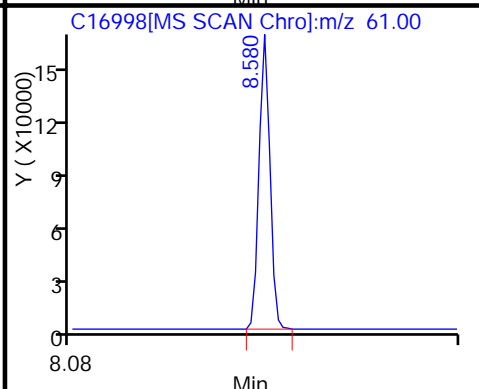
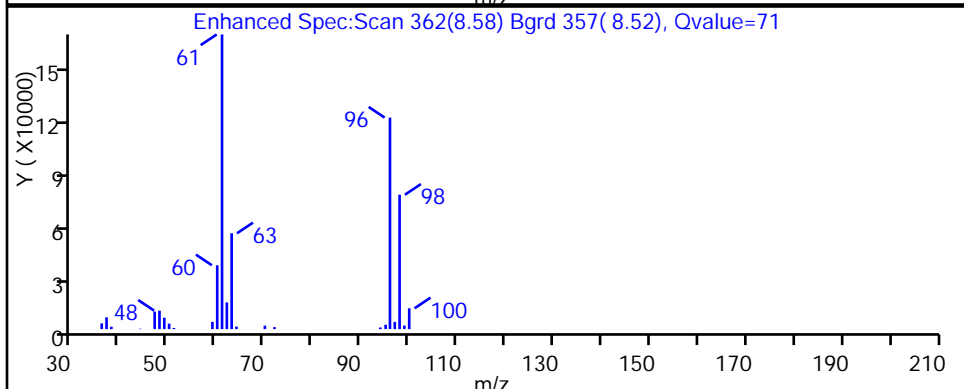
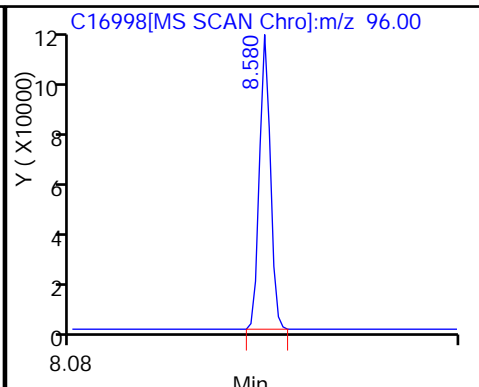
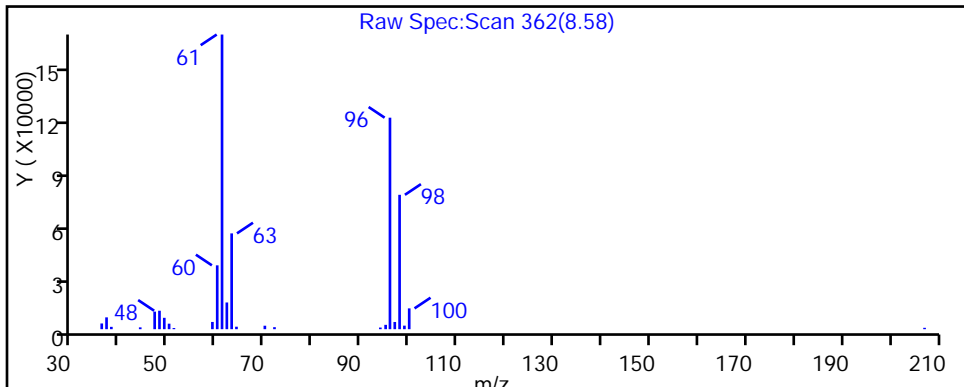
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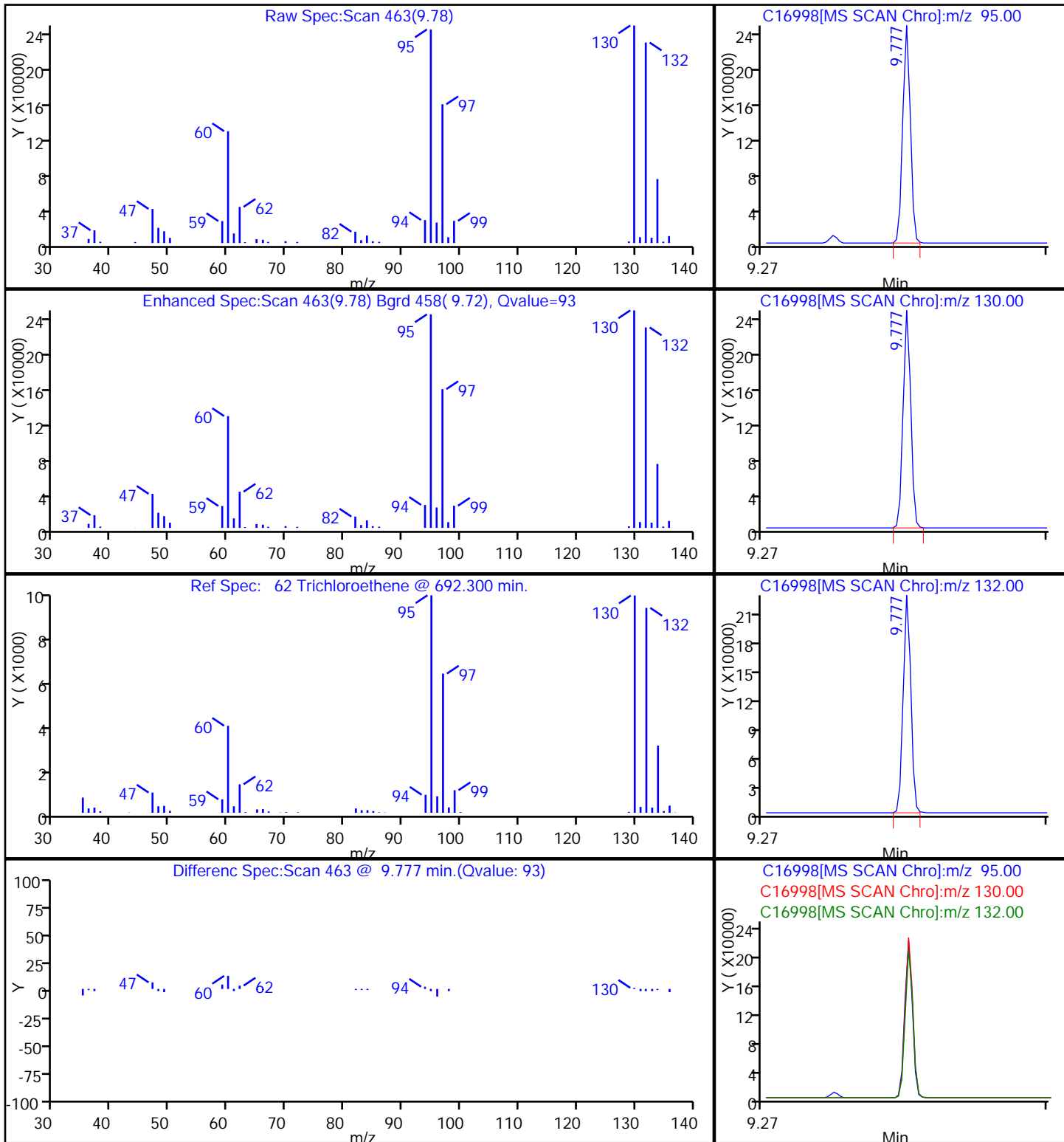
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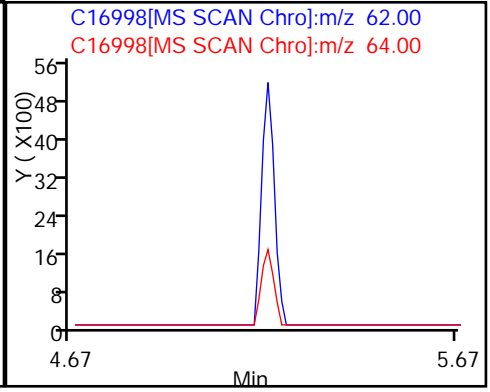
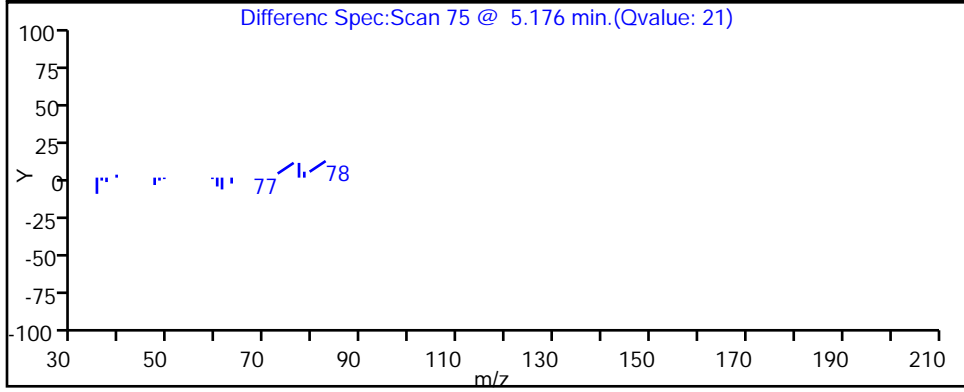
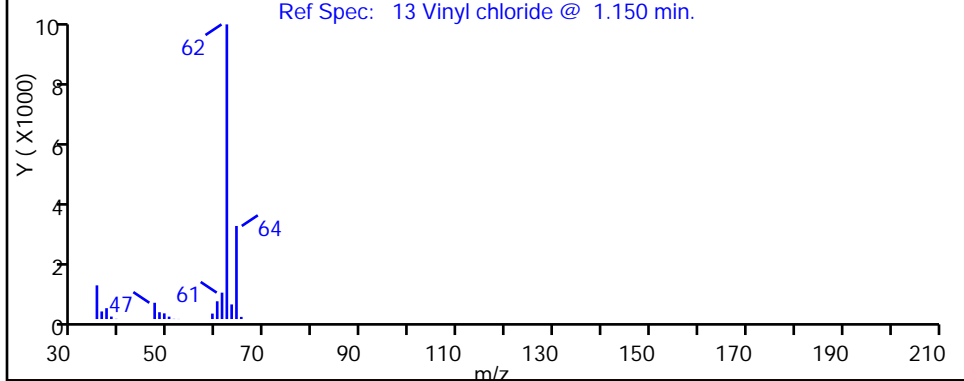
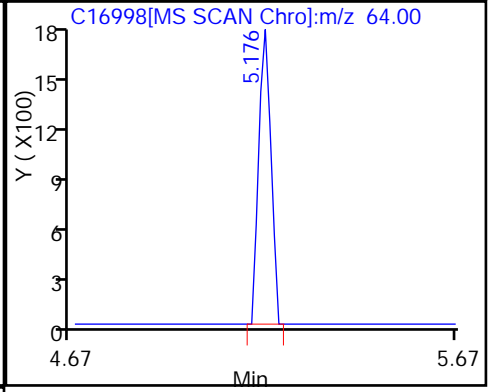
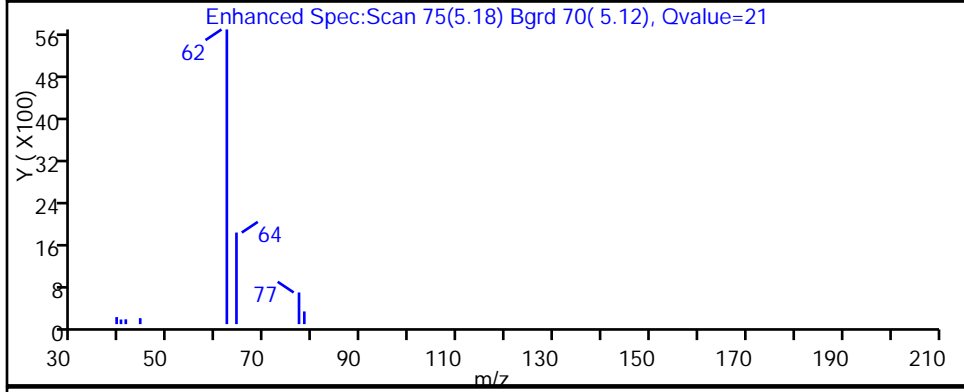
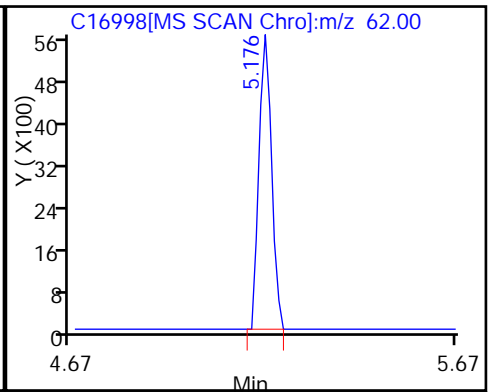
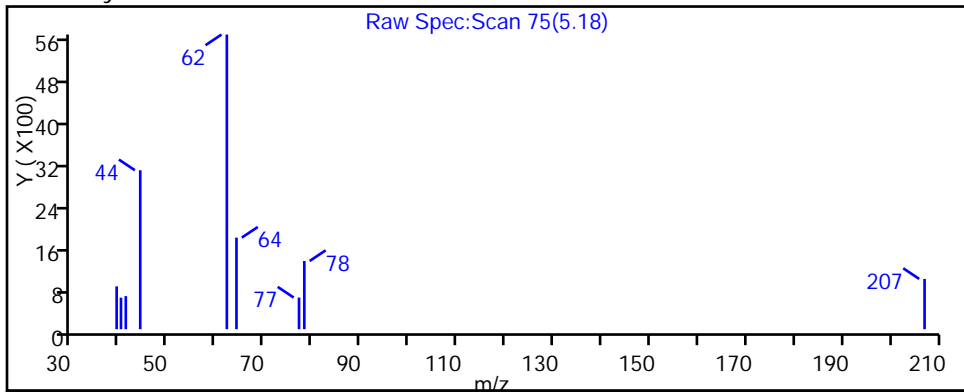
45 cis-1,2-Dichloroethene



62 Trichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: Rinse Blank Lab Sample ID: 480-14998-10
 Matrix: Water Lab File ID: C16981.D
 Analysis Method: 8260B Date Collected: 01/12/2012 07:30
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 17:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: Rinse Blank Lab Sample ID: 480-14998-10
 Matrix: Water Lab File ID: C16981.D
 Analysis Method: 8260B Date Collected: 01/12/2012 07:30
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 17:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	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	0.50	J	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
2037-26-5	Toluene-d8 (Surr)	94		71-126
460-00-4	4-Bromofluorobenzene (Surr)	83		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16981.D
 Lims ID: 480-14998-A-10 Client ID: Rinse Blank
 Inject. Date: 17-Jan-2012 17:17:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-14998-A-10
 Misc. Info.: 480-0008916-015
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 42
 Lims Batch ID: 48180 Lims Sample ID: 15
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 22:13:26

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.517	9.516	0.001	96	498160	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	269917	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	97	239570	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	95081	24.3	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	571320	23.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	85	167263	20.7	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62		5.188					
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96		6.931					
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84	7.441	7.441	0.0	47	3290	0.5007	
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.690					
39 1,1-Dichloroethane	63		8.081					
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96		8.580					
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95		9.777					
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.935					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 17-Jan-2012 22:13:26

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16981.D

Injection Date: 17-Jan-2012 17:17:30

Limit Group: MV - 8260B ICAL

Client ID: Rinse Blank

Instrument ID: HP5973C

Lims Batch ID: 48180

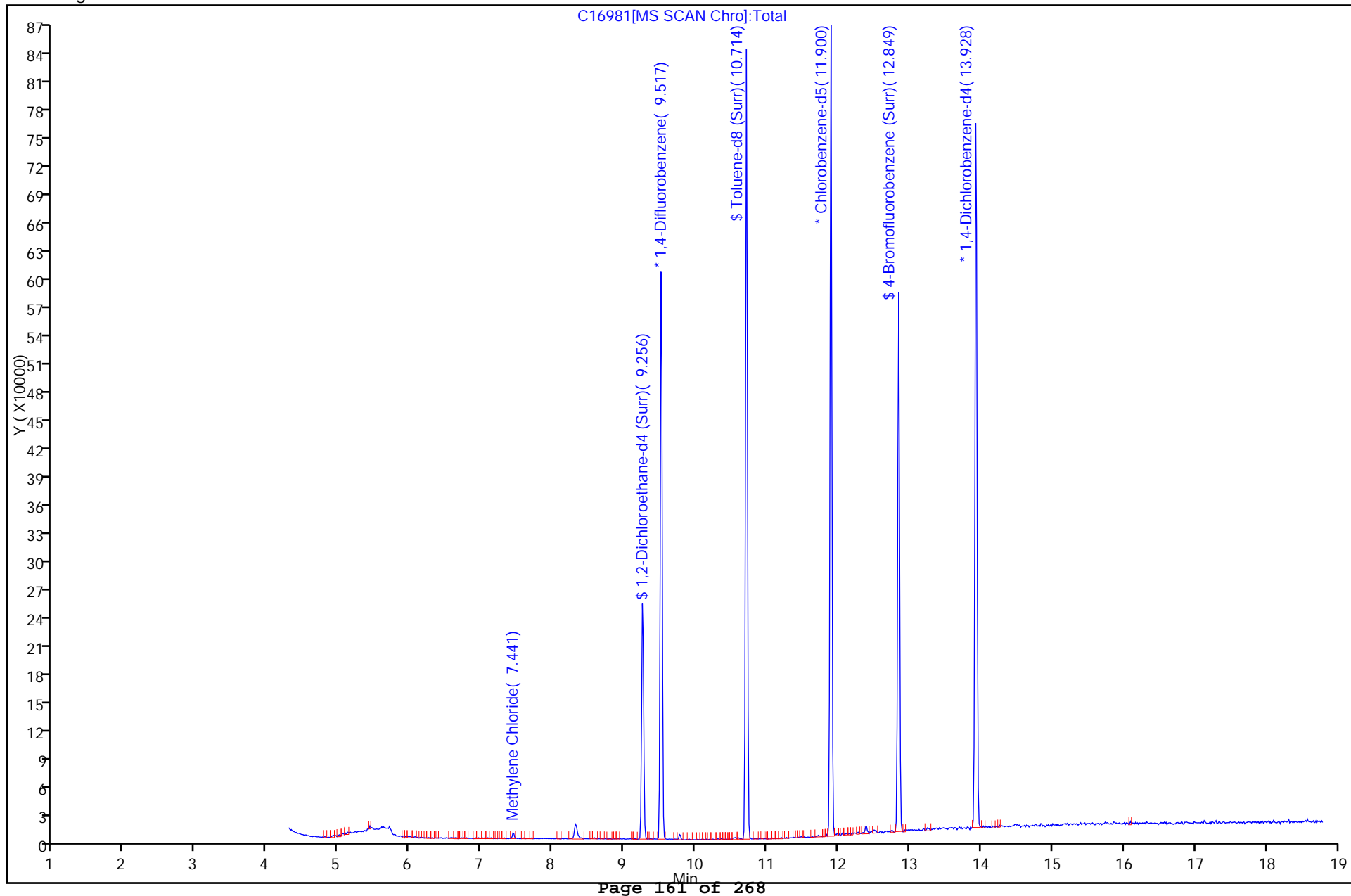
Lims Sample ID: 15

Operator ID: LH

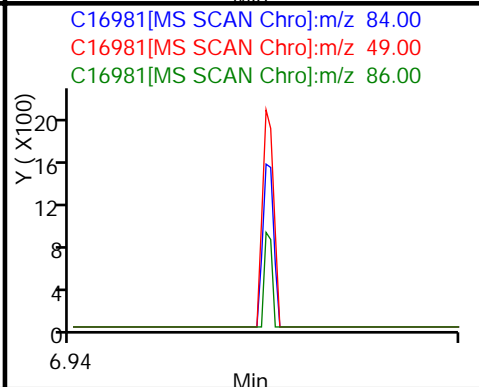
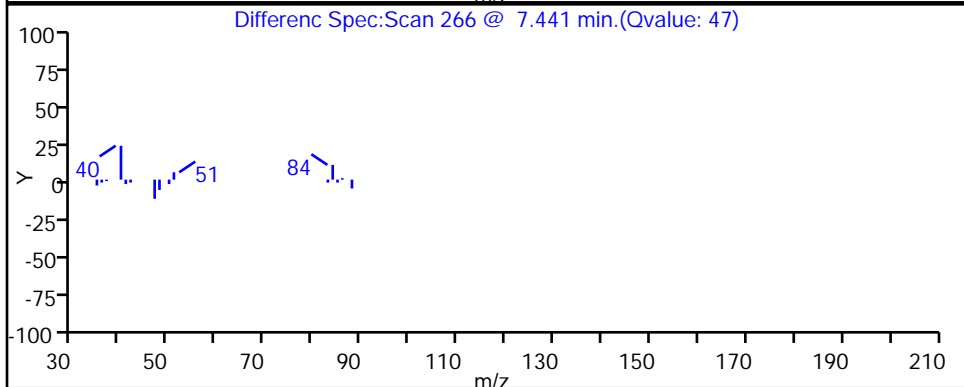
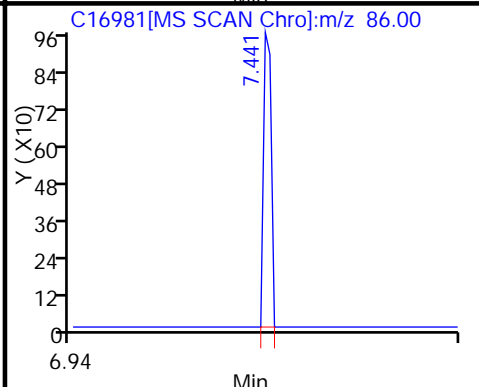
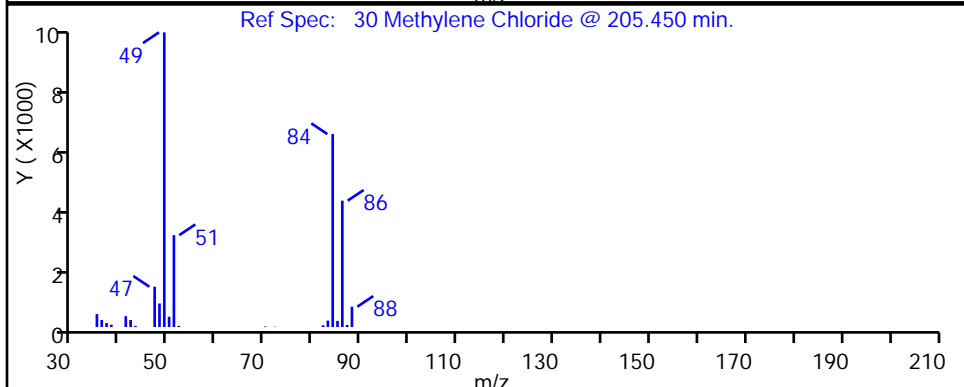
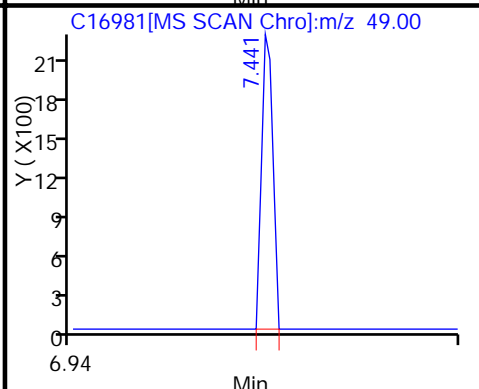
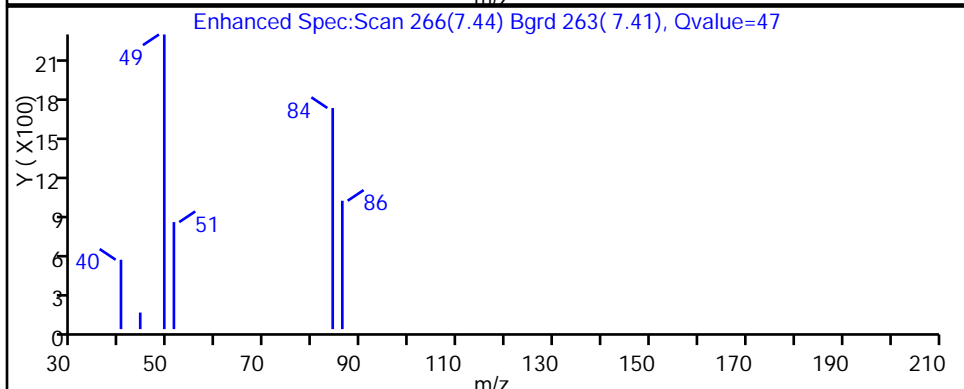
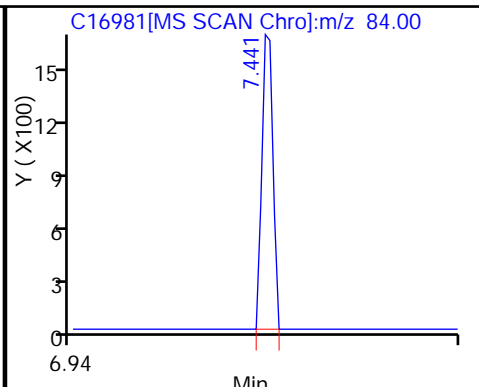
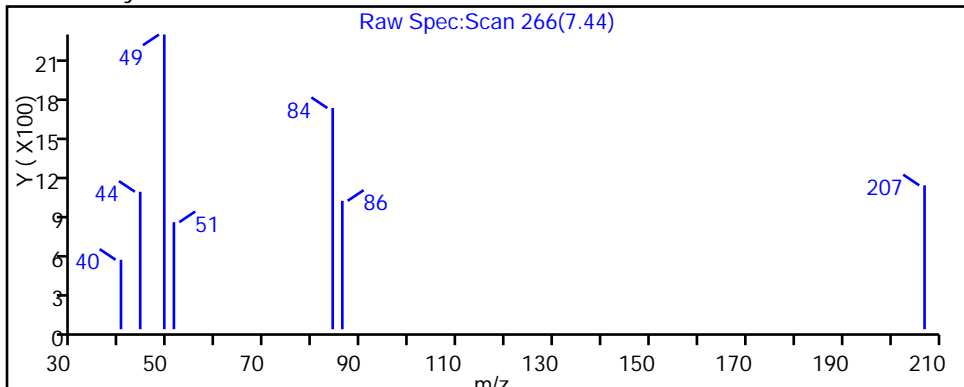
Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



30 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: Trip Blank Lab Sample ID: 480-14998-11
 Matrix: Water Lab File ID: C16982.D
 Analysis Method: 8260B Date Collected: 01/13/2012 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 17:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: Trip Blank Lab Sample ID: 480-14998-11
 Matrix: Water Lab File ID: C16982.D
 Analysis Method: 8260B Date Collected: 01/13/2012 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 17:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	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
2037-26-5	Toluene-d8 (Surr)	94		71-126
460-00-4	4-Bromofluorobenzene (Surr)	83		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16982.D
 Lims ID: 480-14998-A-11 Client ID: Trip Blank
 Inject. Date: 17-Jan-2012 17:42:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-14998-A-11
 Misc. Info.: 480-0008916-016
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 43
 Lims Batch ID: 48180 Lims Sample ID: 16
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 22:13:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	96	502327	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	270533	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	97	242503	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	94698	24.0	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	572045	23.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	168684	20.8	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62		5.188					
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96		6.931					
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73		7.631					
34 trans-1,2-Dichloroethene	96		7.690					
39 1,1-Dichloroethane	63		8.081					
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96		8.580					
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
62 Trichloroethene	95		9.777					
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112		11.924					
88 Ethylbenzene	91		11.935					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 17-Jan-2012 22:13:57

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16982.D

Injection Date: 17-Jan-2012 17:42:30

Limit Group: MV - 8260B ICAL

Client ID: Trip Blank

Instrument ID: HP5973C

Lims Batch ID: 48180

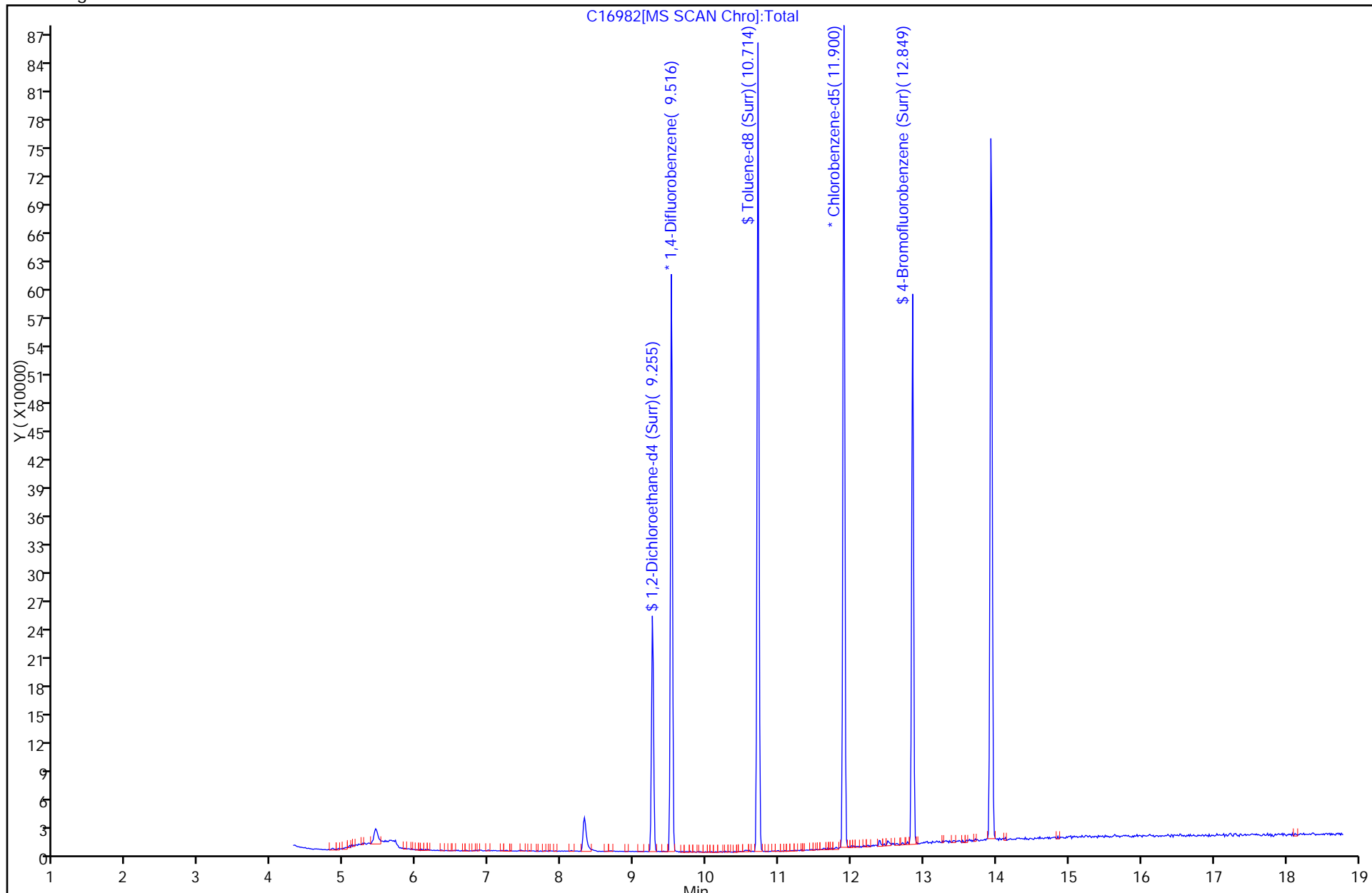
Lims Sample ID: 16

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



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

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1 Analy Batch No.: 43192

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2011 12:38 Calibration End Date: 12/07/2011 16:44 Calibration ID: 5233

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-43192/2	C16038.D
Level 2	STD 480-43192/3	C16039.D
Level 3	STD 480-43192/19	C16046.D
Level 4	STD 480-43192/5	C16041.D
Level 5	STD 480-43192/6	C16042.D
Level 6	STD 480-43192/7	C16043.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3787 0.3717	0.3572	0.4214	0.3535	0.3556	Ave		0.3730			6.9		15.0				
Chloromethane	0.6071 0.3805	0.4347	0.4450	0.3789	0.3687	Lin1F		0.3832		0.1000				0.9950			0.9900
Vinyl chloride	0.4620 0.4022	0.4050	0.4593	0.3859	0.3833	Ave		0.4163			8.5		30.0				
Bromomethane	0.4081 0.2577	0.2897	0.3000	0.2597	0.2575	Lin1F		0.2617						0.9960			0.9900
Chloroethane	0.2931 0.2395	0.2515	0.2720	0.2385	0.2399	Ave		0.2558			8.7		15.0				
Trichlorofluoromethane	0.5664 0.5099	0.4884	0.5703	0.4841	0.5040	Ave		0.5205			7.4		15.0				
Acrolein	0.0296 0.0273	0.0255	0.0270	0.0250	0.0266	Ave		0.0268			6.0		15.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2194 0.2816	0.2618	0.3059	0.2623	0.2867	Ave		0.2696			11.0		15.0				
1,1-Dichloroethene	0.4190 0.2853	0.3218	0.3336	0.2813	0.2903	LinF		0.2865						0.9990			0.9900
Acetone	0.1161 0.0860	0.0925	0.0964	0.0845	0.0869	Ave		0.0937			13.0		15.0				
Iodomethane	0.3623 0.3528	0.3558	0.3889	0.3445	0.3634	Ave		0.3613			4.2		15.0				
Carbon disulfide	0.9414 0.8920	0.9137	0.9883	0.8676	0.9188	Ave		0.9203			4.5		15.0				
Methyl acetate	0.4344 0.3653	0.3681	0.3912	0.3594	0.3695	Ave		0.3813			7.4		15.0				
Acetonitrile	0.0229 0.0204	0.0235	0.0233	0.0202	0.0206	Ave		0.0218			7.2		15.0				
Methylene Chloride	0.5150 0.3209	0.3746	0.3760	0.3290	0.3303	Lin1F		0.3298						0.9960			0.9900

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.: 480-14998-1

Analy Batch No.: 43192

SDG No.: _____

Instrument ID: HP5973C

GC Column: ZB-624 (30) ID: 0.53(mm)

Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2011 12:38

Calibration End Date: 12/07/2011 16:44

Calibration ID: 5233

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 3	LVL 4	LVL 5		B	M1	M2								
Methyl tert-butyl ether	1.0523 0.8950	0.9479	0.9844	0.8819	0.9159	Ave		0.9462			6.7		15.0				
Acrylonitrile	0.1189 0.1121	0.1085	0.1178	0.1081	0.1097	Ave		0.1125			4.2		15.0				
trans-1,2-Dichloroethene	0.4765 0.3174	0.3467	0.3707	0.3143	0.3235	Lin1F		0.3230						0.9970		0.9900	
Vinyl acetate	0.4932 0.4762	0.4529	0.4899	0.4461	0.4726	Ave		0.4718			4.0		15.0				
1,1-Dichloroethane	0.7385 0.5716	0.6104	0.6546	0.5700	0.5838	Ave		0.6215		0.1000	11.0		15.0				
2-Butanone (MEK)	0.1515 0.1314	0.1307	0.1386	0.1240	0.1279	Ave		0.1340			7.3		15.0				
2,2-Dichloropropane	0.6516 0.4765	0.5211	0.5541	0.4669	0.4850	Ave		0.5259			13.0		15.0				
cis-1,2-Dichloroethene	0.4842 0.3496	0.3913	0.3948	0.3439	0.3548	Ave		0.3864			14.0		15.0				
Bromochloromethane	0.2024 0.1747	0.1808	0.1954	0.1725	0.1747	Ave		0.1834			6.8		15.0				
Chloroform	0.7003 0.5653	0.6032	0.6367	0.5552	0.5740	Ave		0.6058			9.1		30.0				
Tetrahydrofuran	0.0958 0.0848	0.0817	0.0890	0.0806	0.0846	Ave		0.0861			6.5		15.0				
1,1,1-Trichloroethane	0.5647 0.5035	0.5022	0.5540	0.4834	0.5073	Ave		0.5192			6.2		15.0				
Cyclohexane	0.4760 0.5001	0.4955	0.5497	0.4668	0.5074	Ave		0.4993			5.8		15.0				
1,1-Dichloropropene	0.5424 0.4497	0.4538	0.4997	0.4253	0.4511	Ave		0.4703			9.1		15.0				
Carbon tetrachloride	0.5201 0.4729	0.4511	0.5141	0.4453	0.4681	Ave		0.4786			6.6		15.0				
Benzene	1.6198 1.2205	1.3294	1.3900	1.2190	1.2425	Ave		1.3369			12.0		15.0				
1,2-Dichloroethane	0.5595 0.4643	0.4775	0.5115	0.4557	0.4679	Ave		0.4894			8.1		15.0				
Trichloroethene	0.4137 0.3324	0.3518	0.3599	0.3214	0.3323	Ave		0.3519			9.5		15.0				
Methylcyclohexane	0.4649 0.5235	0.5122	0.5657	0.4841	0.5230	Ave		0.5122			6.8		15.0				
1,2-Dichloropropane	0.3818 0.3264	0.3417	0.3641	0.3230	0.3295	Ave		0.3444			6.9		30.0				

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.: 480-14998-1 Analy Batch No.: 43192

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2011 12:38 Calibration End Date: 12/07/2011 16:44 Calibration ID: 5233

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 3	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	0.2650 0.2156	0.2208	0.2327	0.2073	0.2130	Ave		0.2257			9.3		15.0				
Bromodichloromethane	0.5103 0.4411	0.4397	0.4733	0.4194	0.4414	Ave		0.4542			7.1		15.0				
2-Chloroethyl vinyl ether	0.0652 0.0795	0.0703	0.0763	0.0639	0.0747	Ave		0.0717			8.7		15.0				
cis-1,3-Dichloropropene	0.6445 0.5336	0.5441	0.5661	0.5087	0.5312	Ave		0.5547			8.6		15.0				
4-Methyl-2-pentanone (MIBK)	0.5841 0.5403	0.5246	0.5622	0.5137	0.5479	Ave		0.5455			4.7		15.0				
Toluene	1.8566 1.4815	1.6145	1.6906	1.4572	1.5230	Ave		1.6039			9.4		30.0				
Ethyl methacrylate	0.7761 0.7837	0.7277	0.7761	0.7232	0.7816	Ave		0.7614			3.7		15.0				
trans-1,3-Dichloropropene	1.1890 0.9462	0.9727	1.0208	0.9071	0.9482	Ave		0.9973			10.0		15.0				
1,1,2-Trichloroethane	0.5746 0.4477	0.4836	0.4962	0.4402	0.4611	Ave		0.4839			10.0		15.0				
2-Hexanone	0.4018 0.3708	0.3504	0.3842	0.3426	0.3746	Ave		0.3707			5.9		15.0				
Tetrachloroethene	0.8309 0.6525	0.6811	0.7365	0.6350	0.6748	Ave		0.7018			10.0		15.0				
1,3-Dichloropropane	1.2080 0.9419	1.0036	1.0416	0.9273	0.9632	Ave		1.0143			10.0		15.0				
Dibromochloromethane	0.7754 0.6663	0.6531	0.6893	0.6275	0.6642	Ave		0.6793			7.5		15.0				
1,2-Dibromoethane	0.6414 0.5563	0.5623	0.5943	0.5210	0.5560	Ave		0.5719			7.2		15.0				
Chlorobenzene	2.2022 1.6792	1.8712	1.9111	1.6499	1.7389	Ave		1.8421		0.3000	11.0		15.0				
Ethylbenzene	3.9951 2.8509	3.1750	3.2260	2.7969	2.9455	Ave		3.1649			14.0		30.0				
1,1,1,2-Tetrachloroethane	0.7591 0.6267	0.6804	0.6977	0.6129	0.6526	Ave		0.6716			7.9		15.0				
m,p-Xylene	1.3765 1.1133	1.2042	1.2585	1.0764	1.1448	Ave		1.1956			9.2		15.0				
o-Xylene	1.3922 1.1002	1.1739	1.2311	1.0828	1.1323	Ave		1.1854			9.7		15.0				
Styrene	2.0247 1.7790	1.8134	1.8957	1.6918	1.7973	Ave		1.8337			6.2		15.0				

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.: 480-14998-1

Analy Batch No.: 43192

SDG No.: _____

Instrument ID: HP5973C

GC Column: ZB-624 (30) ID: 0.53(mm)

Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2011 12:38

Calibration End Date: 12/07/2011 16:44

Calibration ID: 5233

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 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	3.8183 2.9177	3.1449	3.3138	2.8374	2.9605	Ave		3.1654			11.0		15.0				
Bromoform	0.4458 0.4310	0.4042	0.4319	0.3910	0.4223	Ave		0.4210		0.1000	4.8		15.0				
1,1,2,2-Tetrachloroethane	0.8545 0.7035	0.7194	0.7648	0.6822	0.6991	Ave		0.7373		0.3000	8.7		15.0				
trans-1,4-Dichloro-2-butene	0.1941 0.2081	0.1796	0.1927	0.1819	0.1997	Ave		0.1927			5.6		15.0				
N-Propylbenzene	4.8195 3.6123	3.8472	4.0620	3.5102	3.6506	Ave		3.9170			12.0		15.0				
1,2,3-Trichloropropane	0.2809 0.2194	0.2315	0.2392	0.2088	0.2120	Ave		0.2320			11.0		15.0				
Bromobenzene	0.9680 0.7091	0.7883	0.8125	0.7104	0.7228	Ave		0.7852			13.0		15.0				
1,3,5-Trimethylbenzene	3.1282 2.4265	2.5965	2.7490	2.3770	2.4667	Ave		2.6240			11.0		15.0				
2-Chlorotoluene	0.9256 0.7007	0.7724	0.8058	0.6966	0.7064	Ave		0.7679			12.0		15.0				
4-Chlorotoluene	0.9788 0.7232	0.7706	0.8190	0.7092	0.7330	Ave		0.7890			13.0		15.0				
tert-Butylbenzene	0.7294 0.5328	0.5586	0.5913	0.5119	0.5273	Ave		0.5752			14.0		15.0				
1,2,4-Trimethylbenzene	3.1558 2.4801	2.6671	2.7724	2.4176	2.5007	Ave		2.6656			10.0		15.0				
sec-Butylbenzene	4.1160 3.1726	3.3044	3.5436	3.0585	3.1931	Ave		3.3980			11.0		15.0				
4-Isopropyltoluene	3.1759 2.5735	2.6659	2.8460	2.4859	2.5820	Ave		2.7215			9.3		15.0				
1,3-Dichlorobenzene	1.7074 1.3661	1.4789	1.5619	1.3451	1.3737	Ave		1.4722			9.6		15.0				
1,4-Dichlorobenzene	1.8490 1.4037	1.5265	1.6001	1.3760	1.4087	Ave		1.5273			12.0		15.0				
n-Butylbenzene	2.8436 2.4443	2.4369	2.6948	2.2925	2.4373	Ave		2.5249			8.0		15.0				
1,2-Dichlorobenzene	1.7144 1.3298	1.4093	1.5034	1.3077	1.3349	Ave		1.4333			11.0		15.0				
1,2-Dibromo-3-Chloropropane	0.1961 0.1334	0.1482	0.1695	0.1248	0.1347	Lin1F		0.1352						0.9930		0.9900	
1,2,4-Trichlorobenzene	1.0789 0.9656	0.9098	1.0233	0.8998	0.9580	Ave		0.9726			7.0		15.0				

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.: 480-14998-1 Analy Batch No.: 43192

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2011 12:38 Calibration End Date: 12/07/2011 16:44 Calibration ID: 5233

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 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.5259 0.4507	0.4476	0.4897	0.4138	0.4476	Ave		0.4625			8.5		15.0				
Naphthalene	2.7521 2.2235	2.0571	2.3150	1.9899	2.1602	Ave		2.2496			12.0		15.0				
1,2,3-Trichlorobenzene	0.9671 0.8759	0.8193	0.9347	0.8182	0.8682	Ave		0.8806			6.9		15.0				
1,2-Dichloroethane-d4 (Surr)	0.2154 0.1883	0.1947	0.2108	0.1794	0.1888	Ave		0.1962			7.1		15.0				
Toluene-d8 (Surr)	2.2931 2.1257	2.1851	2.4189	2.1955	2.2244	Ave		2.2405			4.6		15.0				
4-Bromofluorobenzene (Surr)	0.9216 0.6691	0.6915	0.7840	0.7197	0.7085	Ave		0.7491			12.0		15.0				

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.: 480-14998-1

Analy Batch No.: 43192

SDG No.: _____

Instrument ID: HP5973C

GC Column: ZB-624 (30) ID: 0.53(mm)

Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2011 12:38

Calibration End Date: 12/07/2011 16:44

Calibration ID: 5233

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-43192/2	C16038.D
Level 2	STD 480-43192/3	C16039.D
Level 3	STD 480-43192/19	C16046.D
Level 4	STD 480-43192/5	C16041.D
Level 5	STD 480-43192/6	C16042.D
Level 6	STD 480-43192/7	C16043.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	DFB	Ave	8422 808617	39034	89352	189124	379742	1.00 100	5.00	10.0	25.0	50.0
Chloromethane	DFB	Lin1F	13500 827741	47497	94351	202731	393643	1.00 100	5.00	10.0	25.0	50.0
Vinyl chloride	DFB	Ave	10275 874947	44252	97389	206455	409324	1.00 100	5.00	10.0	25.0	50.0
Bromomethane	DFB	Lin1F	9076 560545	31657	63607	138920	274948	1.00 100	5.00	10.0	25.0	50.0
Chloroethane	DFB	Ave	6519 520994	27486	57660	127601	256197	1.00 100	5.00	10.0	25.0	50.0
Trichlorofluoromethane	DFB	Ave	12596 1109335	53364	120910	259005	538169	1.00 100	5.00	10.0	25.0	50.0
Acrolein	DFB	Ave	13162 1187250	55775	114494	267723	567015	20.0 2000	100	200	500	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	DFB	Ave	4879 612623	28604	64859	140346	306131	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloroethene	DFB	LinF	9317 620638	35165	70735	150476	309973	1.00 100	5.00	10.0	25.0	50.0
Acetone	DFB	Ave	12913 935767	50555	102188	225958	463680	5.00 500	25.0	50.0	125	250
Iodomethane	DFB	Ave	8057 767514	38876	82462	184288	387993	1.00 100	5.00	10.0	25.0	50.0
Carbon disulfide	DFB	Ave	20934 1940542	99846	209535	464189	981107	1.00 100	5.00	10.0	25.0	50.0
Methyl acetate	DFB	Ave	9661 794706	40223	82936	192287	394573	1.00 100	5.00	10.0	25.0	50.0
Acetonitrile	DFB	Ave	20378 1772657	102835	197233	433216	879265	40.0 4000	200	400	1000	2000
Methylene Chloride	DFB	Lin1F	11453 698202	40936	79713	176021	352706	1.00 100	5.00	10.0	25.0	50.0
Methyl tert-butyl ether	DFB	Ave	23401 1947097	103582	208708	471835	977944	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1 Analy Batch No.: 43192

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2011 12:38 Calibration End Date: 12/07/2011 16:44 Calibration ID: 5233

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	DFB	Ave	13217 1219026	59308	124878	289185	585828	5.00 500	25.0	50.0	125	250
trans-1,2-Dichloroethene	DFB	Lin1F	10597 690413	37884	78595	168136	345406	1.00 100	5.00	10.0	25.0	50.0
Vinyl acetate	DFB	Ave	54842 5179642	247471	519379	1193280	2523279	5.00 500	25.0	50.0	125	250
1,1-Dichloroethane	DFB	Ave	16422 1243500	66705	138778	304957	623333	1.00 100	5.00	10.0	25.0	50.0
2-Butanone (MEK)	DFB	Ave	16841 1429055	71407	146974	331689	682578	5.00 500	25.0	50.0	125	250
2,2-Dichloropropane	DFB	Ave	14490 1036708	56947	117473	249807	517897	1.00 100	5.00	10.0	25.0	50.0
cis-1,2-Dichloroethene	DFB	Ave	10768 760458	42755	83701	184010	378871	1.00 100	5.00	10.0	25.0	50.0
Bromochloromethane	DFB	Ave	4501 380053	19758	41423	92266	186502	1.00 100	5.00	10.0	25.0	50.0
Chloroform	DFB	Ave	15573 1229744	65909	134983	297018	612883	1.00 100	5.00	10.0	25.0	50.0
Tetrahydrofuran	DFB	Ave	10649 922359	44618	94388	215562	451417	5.00 500	25.0	50.0	125	250
1,1,1-Trichloroethane	DFB	Ave	12558 1095347	54874	117448	258631	541697	1.00 100	5.00	10.0	25.0	50.0
Cyclohexane	DFB	Ave	10585 1088085	54145	116546	249759	541802	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloropropene	DFB	Ave	12061 978437	49584	105949	227522	481621	1.00 100	5.00	10.0	25.0	50.0
Carbon tetrachloride	DFB	Ave	11567 1028734	49297	109005	238210	499832	1.00 100	5.00	10.0	25.0	50.0
Benzene	DFB	Ave	36022 2655324	145271	294708	652156	1326685	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane	DFB	Ave	12442 1010071	52177	108453	243814	499640	1.00 100	5.00	10.0	25.0	50.0
Trichloroethene	DFB	Ave	9201 723133	38440	76315	171961	354866	1.00 100	5.00	10.0	25.0	50.0
Methylcyclohexane	DFB	Ave	10338 1138963	55971	119938	258980	558442	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloropropane	DFB	Ave	8491 710126	37338	77195	172828	351866	1.00 100	5.00	10.0	25.0	50.0
Dibromomethane	DFB	Ave	5894 468967	24127	49337	110918	227427	1.00 100	5.00	10.0	25.0	50.0
Bromodichloromethane	DFB	Ave	11348 959716	48050	100339	224375	471295	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1 Analy Batch No.: 43192

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2011 12:38 Calibration End Date: 12/07/2011 16:44 Calibration ID: 5233

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chloroethyl vinyl ether	DFB	Ave	7255 864765	38435	80838	170955	398652	5.00 500	25.0	50.0	125	250
cis-1,3-Dichloropropene	DFB	Ave	14332 1160916	59461	120018	272174	567238	1.00 100	5.00	10.0	25.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	32470 3072103	144898	306174	715738	1495217	5.00 500	25.0	50.0	125	250
Toluene	CBZ	Ave	20641 1684826	89193	184144	406084	831253	1.00 100	5.00	10.0	25.0	50.0
Ethyl methacrylate	CBZ	Ave	8628 891237	40201	84536	201546	426602	1.00 100	5.00	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	13219 1076098	53737	111187	252773	517506	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	6388 509102	26715	54050	122680	251686	1.00 100	5.00	10.0	25.0	50.0
2-Hexanone	CBZ	Ave	22333 2108455	96775	209264	477421	1022225	5.00 500	25.0	50.0	125	250
Tetrachloroethene	CBZ	Ave	9237 742049	37627	80220	176948	368314	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichloropropane	CBZ	Ave	13430 1071112	55443	113457	258405	525690	1.00 100	5.00	10.0	25.0	50.0
Dibromochloromethane	CBZ	Ave	8621 757777	36081	75083	174863	362541	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromoethane	CBZ	Ave	7131 632699	31062	64732	145192	303484	1.00 100	5.00	10.0	25.0	50.0
Chlorobenzene	CBZ	Ave	24483 1909647	103374	208164	459783	949072	1.00 100	5.00	10.0	25.0	50.0
Ethylbenzene	CBZ	Ave	44416 3242119	175401	351392	779425	1607631	1.00 100	5.00	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	8439 712757	37588	76001	170794	356189	1.00 100	5.00	10.0	25.0	50.0
m,p-Xylene	CBZ	Ave	30606 2532158	133053	274166	599911	1249653	2.00 200	10.0	20.0	50.0	100
o-Xylene	CBZ	Ave	15478 1251151	64852	134097	301761	617974	1.00 100	5.00	10.0	25.0	50.0
Styrene	CBZ	Ave	22510 2023162	100180	206493	471473	980978	1.00 100	5.00	10.0	25.0	50.0
Isopropylbenzene	DCB	Ave	40338 3279078	169536	355853	776549	1627071	1.00 100	5.00	10.0	25.0	50.0
Bromoform	CBZ	Ave	4956 490145	22331	47043	108972	230514	1.00 100	5.00	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	9027 790671	38781	82132	186709	384229	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1 Analy Batch No.: 43192

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2011 12:38 Calibration End Date: 12/07/2011 16:44 Calibration ID: 5233

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	10255 1169576	48415	103447	248976	548875	5.00 500	25.0	50.0	125	250
N-Propylbenzene	DCB	Ave	50916 4059696	207396	436202	960665	2006343	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichloropropane	DCB	Ave	2968 246628	12478	25683	57131	116523	1.00 100	5.00	10.0	25.0	50.0
Bromobenzene	DCB	Ave	10226 796988	42497	87254	194434	397232	1.00 100	5.00	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	33048 2727036	139970	295201	650534	1355706	1.00 100	5.00	10.0	25.0	50.0
2-Chlorotoluene	DCB	Ave	9778 787505	41640	86531	190658	388209	1.00 100	5.00	10.0	25.0	50.0
4-Chlorotoluene	DCB	Ave	10341 812834	41542	87953	194104	402843	1.00 100	5.00	10.0	25.0	50.0
tert-Butylbenzene	DCB	Ave	7706 598747	30112	63500	140091	289798	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	33339 2787245	143778	297714	661660	1374387	1.00 100	5.00	10.0	25.0	50.0
sec-Butylbenzene	DCB	Ave	43484 3565538	178132	380533	837046	1754901	1.00 100	5.00	10.0	25.0	50.0
4-Isopropyltoluene	DCB	Ave	33552 2892306	143714	305619	680348	1419063	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichlorobenzene	DCB	Ave	18038 1535342	79727	167727	368138	754963	1.00 100	5.00	10.0	25.0	50.0
1,4-Dichlorobenzene	DCB	Ave	19534 1577514	82290	171827	376573	774201	1.00 100	5.00	10.0	25.0	50.0
n-Butylbenzene	DCB	Ave	30041 2747017	131371	289385	627401	1339545	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichlorobenzene	DCB	Ave	18112 1494465	75974	161448	357894	733655	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Lin1F	2072 149941	7989	18198	34148	74008	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	11398 1085196	49045	109890	246252	526488	1.00 100	5.00	10.0	25.0	50.0
Hexachlorobutadiene	DCB	Ave	5556 506481	24128	52591	113237	245973	1.00 100	5.00	10.0	25.0	50.0
Naphthalene	DCB	Ave	29075 2498912	110895	248594	544601	1187240	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	10217 984347	44168	100374	223916	477153	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFB	Ave	4790 409628	21277	44688	95968	201643	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1 Analy Batch No.: 43192

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2011 12:38 Calibration End Date: 12/07/2011 16:44 Calibration ID: 5233

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene-d8 (Surr)	CBZ	Ave	25493 2417472	120714	263476	611825	1214084	1.00 100	5.00	10.0	25.0	50.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	10246 760944	38203	85395	200554	386718	1.00 100	5.00	10.0	25.0	50.0

Curve Type Legend:

<p>Ave = Average ISTD Lin1F = Linear 1/conc ISTD forced zero LinF = Linear ISTD forced zero</p>

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16038.D
 Lims ID: STD Client ID:
 Inject. Date: 07-Dec-2011 12:38:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 1
 Sample ID: STD
 Misc. Info.: 480-0008025-002
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 57
 Lims Batch ID: 43192 Lims Sample ID: 2
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C-8260.m
 Last Update: 08-Dec-2011 09:50:23 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

First Level Reviewer: HILL

Date: 08-Dec-2011 09:50:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.528	9.516	0.012	94	555953	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	85	277937	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.940	13.928	0.012	93	264113	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	4790	1.10	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	50	25493	1.02	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	54	10246	1.23	
10 Dichlorodifluoromethane	85	4.559	4.548	0.011	43	8422	1.02	
12 Chloromethane	50	4.939	4.939	0.0	62	13500	1.58	M
13 Vinyl chloride	62	5.176	5.176	0.0	43	10275	1.11	
14 Bromomethane	94	5.793	5.793	0.0	80	9076	1.56	
15 Chloroethane	64	5.947	5.935	0.012	41	6519	1.15	
17 Trichlorofluoromethane	101	6.291	6.279	0.012	44	12596	1.09	
20 Acrolein	56	6.836	6.824	0.012	66	13162	22.1	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.872	6.872	0.0	7	4879	0.8137	
22 1,1-Dichloroethene	96	6.931	6.931	0.0	61	9317	1.46	
23 Acetone	43	6.990	6.991	-0.001	92	12913	6.19	
25 Iodomethane	142	7.168	7.168	0.0	74	8057	1.00	
26 Carbon disulfide	76	7.251	7.251	0.0	95	20934	1.02	
27 Methyl acetate	43	7.287	7.275	0.012	75	9661	1.14	
29 Acetonitrile	40	7.323	7.323	-0.001	97	20378	42.0	
30 Methylene Chloride	84	7.453	7.441	0.012	74	11453	1.56	
32 Methyl tert-butyl ether	73	7.643	7.631	0.012	72	23401	1.11	
33 Acrylonitrile	53	7.690	7.678	0.012	84	13217	5.28	
34 trans-1,2-Dichloroethene	96	7.690	7.690	0.0	69	10597	1.48	
37 Vinyl acetate	43	8.034	8.034	0.0	97	54842	5.23	
39 1,1-Dichloroethane	63	8.093	8.082	0.011	18	16422	1.19	
43 2-Butanone (MEK)	43	8.556	8.544	0.012	95	16841	5.65	
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	36	10768	1.25	
44 2,2-Dichloropropane	77	8.580	8.580	0.0	57	14490	1.24	
48 Chlorobromomethane	128	8.805	8.805	0.0	74	4501	1.10	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
50 Chloroform	83	8.829	8.817	0.012	57	15573	1.16	
49 Tetrahydrofuran	42	8.852	8.829	0.023	78	10649	5.56	
51 1,1,1-Trichloroethane	97	9.006	8.995	0.011	61	12558	1.09	
52 Cyclohexane	56	9.042	9.042	0.0	63	10585	0.9534	
54 1,1-Dichloropropene	75	9.113	9.113	0.0	40	12061	1.15	
55 Carbon tetrachloride	117	9.137	9.137	0.0	62	11567	1.09	
57 Benzene	78	9.303	9.303	0.0	94	36022	1.21	
58 1,2-Dichloroethane	62	9.327	9.315	0.012	59	12442	1.14	
62 Trichloroethene	95	9.777	9.777	0.0	73	9201	1.18	
64 Methylcyclohexane	83	9.931	9.931	0.0	60	10338	0.9076	
65 1,2-Dichloropropane	63	9.991	9.979	0.012	55	8491	1.11	
67 Dibromomethane	93	10.121	10.121	0.0	76	5894	1.17	
68 Dichlorobromomethane	83	10.180	10.180	0.0	55	11348	1.12	
69 2-Chloroethyl vinyl ether	63	10.299	10.299	0.0	55	7255	4.55	
72 cis-1,3-Dichloropropene	75	10.501	10.501	0.0	53	14332	1.16	
73 4-Methyl-2-pentanone (MIBK)	43	10.548	10.536	0.012	84	32470	5.35	
74 Toluene	92	10.773	10.773	0.0	78	20641	1.16	
75 Ethyl methacrylate	69	10.844	10.845	-0.001	35	8628	1.02	
77 trans-1,3-Dichloropropene	75	10.916	10.904	0.012	62	13219	1.19	
79 1,1,2-Trichloroethane	83	11.094	11.094	0.0	43	6388	1.19	
80 2-Hexanone	43	11.177	11.177	0.0	89	22333	5.42	
81 Tetrachloroethene	166	11.224	11.224	0.0	82	9237	1.18	
82 1,3-Dichloropropane	76	11.236	11.236	0.0	62	13430	1.19	
83 Chlorodibromomethane	129	11.461	11.461	0.0	49	8621	1.14	
84 Ethylene Dibromide	107	11.592	11.592	0.0	54	7131	1.12	
87 Chlorobenzene	112	11.924	11.924	0.0	81	24483	1.20	
88 Ethylbenzene	91	11.935	11.936	-0.001	80	44416	1.26	
89 1,1,1,2-Tetrachloroethane	131	11.971	11.959	0.012	20	8439	1.13	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	96	30606	2.30	
91 o-Xylene	106	12.362	12.362	0.0	86	15478	1.17	
92 Styrene	104	12.374	12.374	0.0	80	22510	1.10	
94 Isopropylbenzene	105	12.635	12.635	0.0	81	40338	1.21	
95 Bromoform	173	12.659	12.659	0.0	38	4956	1.06	
97 1,1,2,2-Tetrachloroethane	83	12.920	12.920	0.0	17	9027	1.16	
98 trans-1,4-Dichloro-2-butene	53	12.955	12.955	0.0	78	10255	5.04	
99 N-Propylbenzene	91	12.991	12.991	0.0	91	50916	1.23	
100 1,2,3-Trichloropropane	110	13.003	13.003	0.0	1	2968	1.21	
101 Bromobenzene	156	13.050	13.050	0.0	37	10226	1.23	
102 1,3,5-Trimethylbenzene	105	13.109	13.110	-0.001	53	33048	1.19	
103 2-Chlorotoluene	126	13.157	13.157	0.0	83	9778	1.21	
105 4-Chlorotoluene	126	13.252	13.240	0.012	71	10341	1.24	
106 tert-Butylbenzene	134	13.441	13.442	-0.001	75	7706	1.27	
107 1,2,4-Trimethylbenzene	105	13.477	13.477	0.0	53	33339	1.18	
109 sec-Butylbenzene	105	13.643	13.643	0.0	70	43484	1.21	
110 4-Isopropyltoluene	119	13.738	13.738	0.0	78	33552	1.17	
111 1,3-Dichlorobenzene	146	13.880	13.880	0.0	67	18038	1.16	
113 1,4-Dichlorobenzene	146	13.963	13.963	0.0	70	19534	1.21	
115 n-Butylbenzene	91	14.165	14.165	0.0	84	30041	1.13	
116 1,2-Dichlorobenzene	146	14.378	14.378	0.0	65	18112	1.20	
117 1,2-Dibromo-3-Chloropropane	75	15.280	15.268	0.012	8	2072	1.45	
119 1,2,4-Trichlorobenzene	180	16.335	16.335	0.0	36	11398	1.11	
120 Hexachlorobutadiene	225	16.454	16.454	0.0	15	5556	1.14	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.774	16.786	-0.012	64	29075	1.22	
122 1,2,3-Trichlorobenzene	180	17.165	17.153	0.012	29	10217	1.10	
S 123 Total BTEX	1				0		7.11	
S 124 Xylenes, Total	1				0		3.48	
S 125 1,2-Dichloroethene, Total	1				0		2.73	
S 126 1,3-Dichloropropene, Total	1				0		2.35	

QC Flag Legend

Review Flags

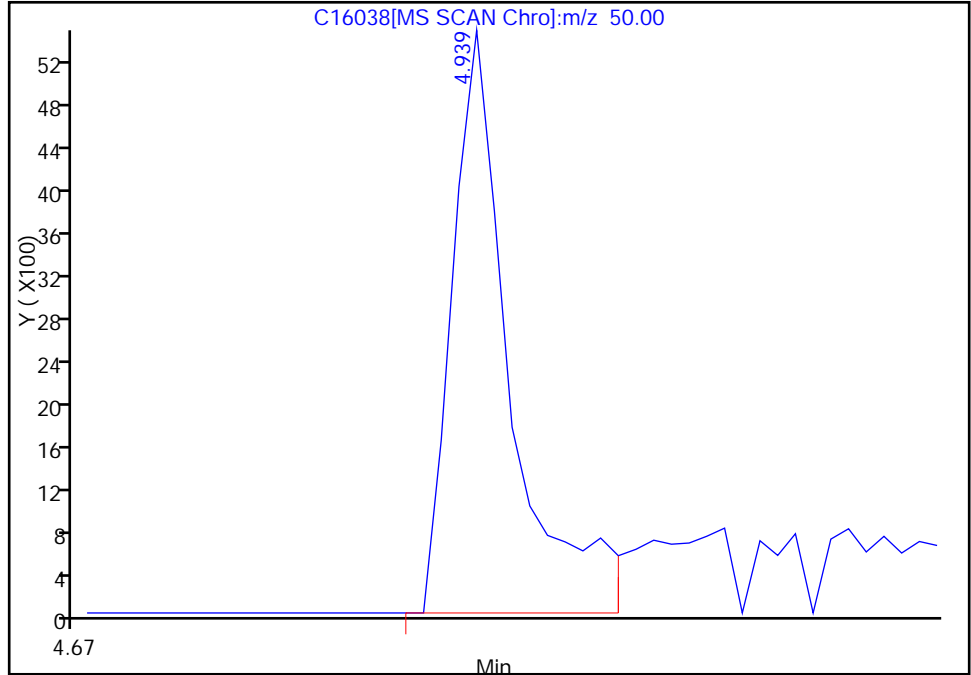
M - Manually Integrated

Data File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16038.D
Injection Date: 07-Dec-2011 12:38:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973C
Lims Batch ID: 43192 Lims Sample ID: 2
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

12 Chloromethane, Signal: 1, m/z: 50.0 Type: quant, RT: 4.94

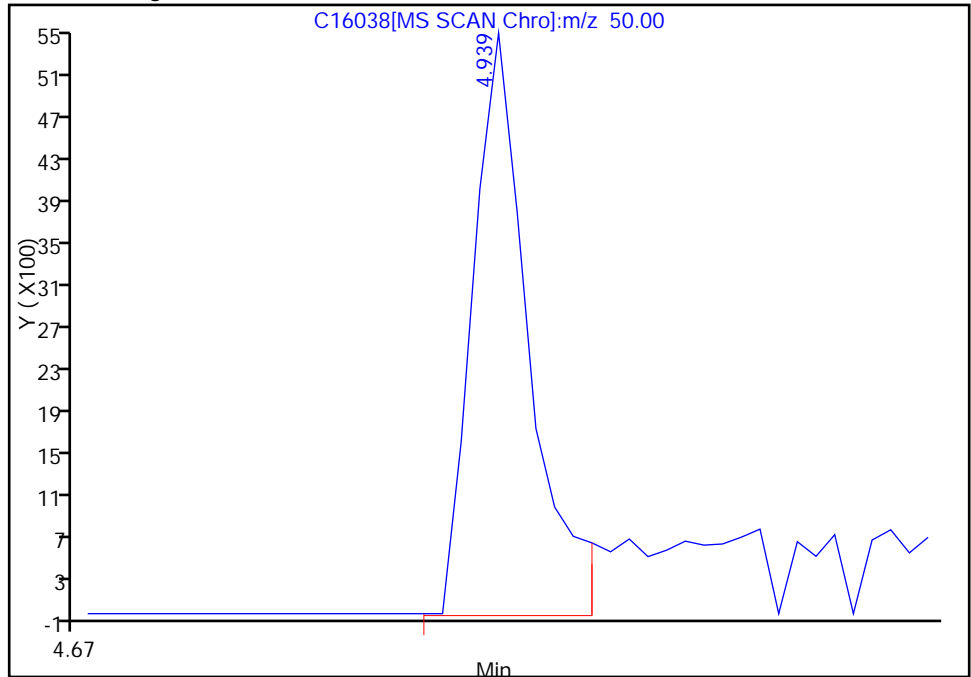
RT: 4.94
Response: 14653
Amount: 1.718436

Processing Integration Results



RT: 4.94
Response: 13500
Amount: 1.584339

Manual Integration Results



Reviewer: HillL, 08-Dec-2011 09:50:23
Audit Action: Manually Integrated
Audit Reason: Peak Tail

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16039.D
 Lims ID: STD-2 Client ID:
 Inject. Date: 07-Dec-2011 13:03:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 2
 Sample ID: STD-2
 Misc. Info.: 480-0008025-003
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 58
 Lims Batch ID: 43192 Lims Sample ID: 3
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C-8260.m
 Last Update: 08-Dec-2011 09:50:30 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 08-Dec-2011 09:50:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	546366	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	85	276220	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	95	269541	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	21277	4.96	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	88	120714	4.88	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	38203	4.62	
10 Dichlorodifluoromethane	85	4.548	4.548	0.0	66	39034	4.79	
12 Chloromethane	50	4.939	4.939	0.0	87	47497	5.67	
13 Vinyl chloride	62	5.176	5.176	0.0	76	44252	4.86	
14 Bromomethane	94	5.793	5.793	0.0	88	31657	5.53	
15 Chloroethane	64	5.935	5.935	0.0	75	27486	4.92	
17 Trichlorofluoromethane	101	6.291	6.279	0.012	73	53364	4.69	
20 Acrolein	56	6.836	6.824	0.012	88	55775	95.1	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.872	6.872	0.0	68	28604	4.85	
22 1,1-Dichloroethene	96	6.931	6.931	0.0	84	35165	5.62	
23 Acetone	43	6.991	6.991	0.0	95	50555	24.7	
25 Iodomethane	142	7.168	7.168	0.0	93	38876	4.92	
26 Carbon disulfide	76	7.251	7.251	0.0	98	99846	4.96	
27 Methyl acetate	43	7.287	7.275	0.012	93	40223	4.83	
29 Acetonitrile	40	7.323	7.323	0.0	98	102835	215.7	
30 Methylene Chloride	84	7.453	7.441	0.012	82	40936	5.68	
32 Methyl tert-butyl ether	73	7.643	7.631	0.012	86	103582	5.01	
33 Acrylonitrile	53	7.690	7.678	0.012	92	59308	24.1	
34 trans-1,2-Dichloroethene	96	7.690	7.690	0.0	90	37884	5.37	
37 Vinyl acetate	43	8.034	8.034	0.0	97	247471	24.0	
39 1,1-Dichloroethane	63	8.082	8.082	0.0	76	66705	4.91	
43 2-Butanone (MEK)	43	8.556	8.544	0.012	97	71407	24.4	
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	71	42755	5.06	
44 2,2-Dichloropropane	77	8.580	8.580	0.0	66	56947	4.95	
48 Chlorobromomethane	128	8.805	8.805	0.0	83	19758	4.93	

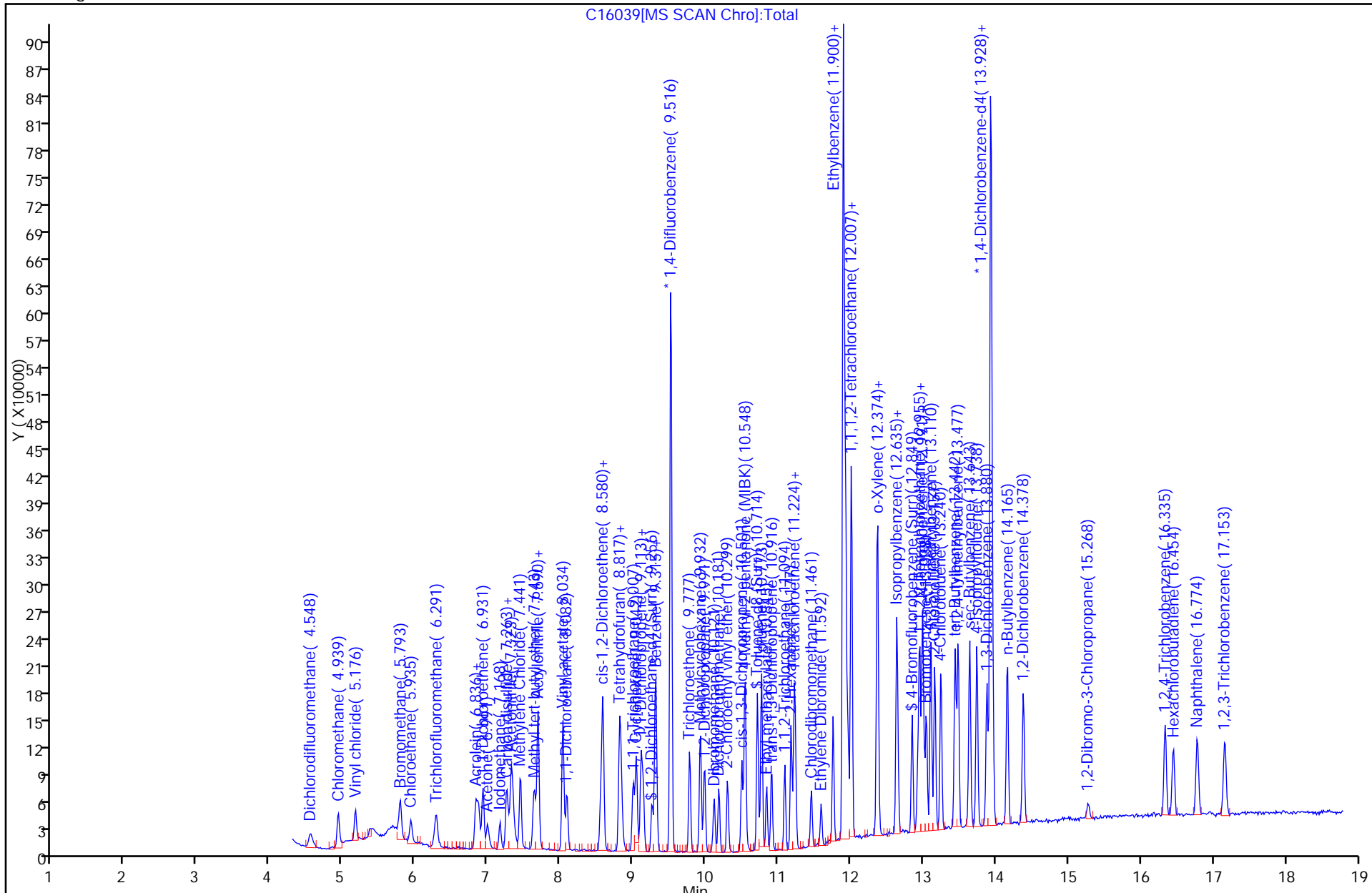
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
50 Chloroform	83	8.817	8.817	0.0	75	65909	4.98	
49 Tetrahydrofuran	42	8.841	8.829	0.012	83	44618	23.7	
51 1,1,1-Trichloroethane	97	9.007	8.995	0.012	85	54874	4.84	
52 Cyclohexane	56	9.042	9.042	0.0	90	54145	4.96	
54 1,1-Dichloropropene	75	9.113	9.113	0.0	79	49584	4.82	
55 Carbon tetrachloride	117	9.137	9.137	0.0	69	49297	4.71	
57 Benzene	78	9.303	9.303	0.0	95	145271	4.97	
58 1,2-Dichloroethane	62	9.327	9.315	0.012	73	52177	4.88	
62 Trichloroethene	95	9.777	9.777	0.0	88	38440	5.00	
64 Methylcyclohexane	83	9.932	9.931	0.001	88	55971	5.00	
65 1,2-Dichloropropane	63	9.991	9.979	0.012	62	37338	4.96	
67 Dibromomethane	93	10.121	10.121	0.0	87	24127	4.89	
68 Dichlorobromomethane	83	10.181	10.180	0.001	83	48050	4.84	
69 2-Chloroethyl vinyl ether	63	10.299	10.299	0.0	87	38435	24.5	
72 cis-1,3-Dichloropropene	75	10.501	10.501	0.0	81	59461	4.90	
73 4-Methyl-2-pentanone (MIBK)	43	10.548	10.536	0.012	79	144898	24.0	
74 Toluene	92	10.773	10.773	0.0	92	89193	5.03	
75 Ethyl methacrylate	69	10.845	10.845	0.0	78	40201	4.78	
77 trans-1,3-Dichloropropene	75	10.916	10.904	0.012	76	53737	4.88	
79 1,1,2-Trichloroethane	83	11.094	11.094	0.0	83	26715	5.00	
80 2-Hexanone	43	11.177	11.177	0.0	96	96775	23.6	
81 Tetrachloroethene	166	11.224	11.224	0.0	85	37627	4.85	
82 1,3-Dichloropropane	76	11.236	11.236	0.0	74	55443	4.95	
83 Chlorodibromomethane	129	11.461	11.461	0.0	76	36081	4.81	
84 Ethylene Dibromide	107	11.592	11.592	0.0	85	31062	4.92	
87 Chlorobenzene	112	11.924	11.924	0.0	82	103374	5.08	
88 Ethylbenzene	91	11.936	11.936	0.0	89	175401	5.02	
89 1,1,1,2-Tetrachloroethane	131	11.959	11.959	0.0	38	37588	5.07	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	99	133053	10.1	
91 o-Xylene	106	12.362	12.362	0.0	91	64852	4.95	
92 Styrene	104	12.374	12.374	0.0	88	100180	4.94	
94 Isopropylbenzene	105	12.635	12.635	0.0	94	169536	4.97	
95 Bromoform	173	12.659	12.659	0.0	64	22331	4.80	
97 1,1,2,2-Tetrachloroethane	83	12.920	12.920	0.0	80	38781	4.88	
98 trans-1,4-Dichloro-2-butene	53	12.955	12.955	0.0	93	48415	23.3	
99 N-Propylbenzene	91	12.991	12.991	0.0	98	207396	4.91	
100 1,2,3-Trichloropropane	110	13.003	13.003	0.0	1	12478	4.99	
101 Bromobenzene	156	13.050	13.050	0.0	47	42497	5.02	
102 1,3,5-Trimethylbenzene	105	13.110	13.110	0.0	69	139970	4.95	
103 2-Chlorotoluene	126	13.157	13.157	0.0	91	41640	5.03	
105 4-Chlorotoluene	126	13.252	13.240	0.012	94	41542	4.88	
106 tert-Butylbenzene	134	13.442	13.442	0.0	87	30112	4.86	
107 1,2,4-Trimethylbenzene	105	13.477	13.477	0.0	95	143778	5.00	
109 sec-Butylbenzene	105	13.643	13.643	0.0	91	178132	4.86	
110 4-Isopropyltoluene	119	13.738	13.738	0.0	94	143714	4.90	
111 1,3-Dichlorobenzene	146	13.880	13.880	0.0	95	79727	5.02	
113 1,4-Dichlorobenzene	146	13.963	13.963	0.0	90	82290	5.00	
115 n-Butylbenzene	91	14.165	14.165	0.0	95	131371	4.83	
116 1,2-Dichlorobenzene	146	14.378	14.378	0.0	91	75974	4.92	
117 1,2-Dibromo-3-Chloropropane	75	15.268	15.268	0.0	24	7989	5.48	M
119 1,2,4-Trichlorobenzene	180	16.335	16.335	0.0	85	49045	4.68	
120 Hexachlorobutadiene	225	16.454	16.454	0.0	73	24128	4.84	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.774	16.786	-0.012	91	110895	4.57	
122 1,2,3-Trichlorobenzene	180	17.153	17.153	0.0	79	44168	4.65	
S 123 Total BTEX	1				0		30.0	
S 124 Xylenes, Total	1				0		15.0	
S 125 1,2-Dichloroethene, Total	1				0		10.4	
S 126 1,3-Dichloropropene, Total	1				0		9.78	

QC Flag Legend

Review Flags

M - Manually Integrated

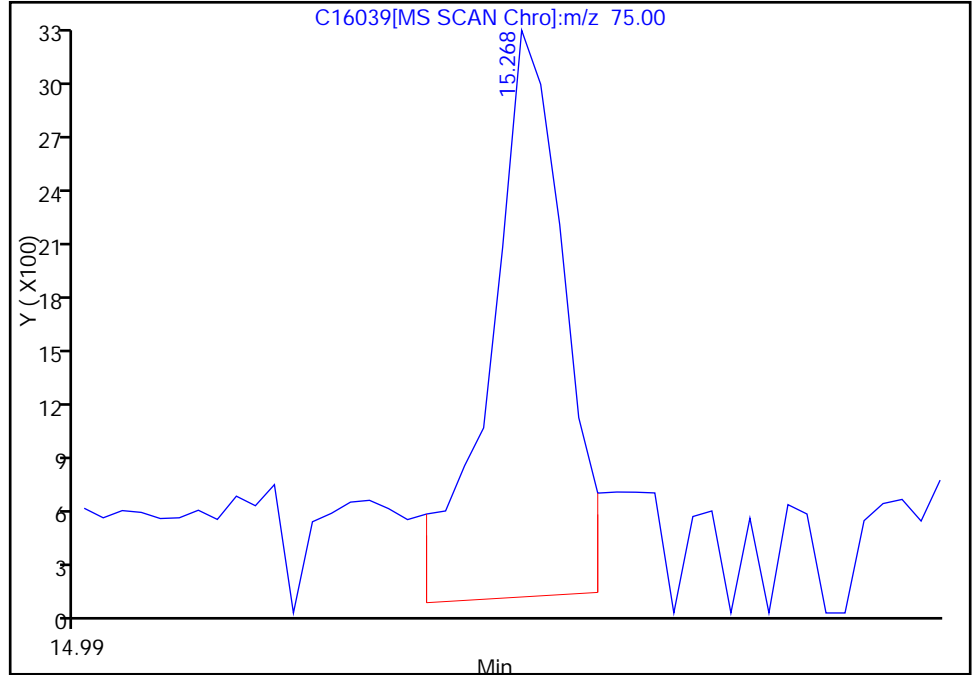


Data File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16039.D
Injection Date: 07-Dec-2011 13:03:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973C
Lims Batch ID: 43192 Lims Sample ID: 3
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

117 1,2-Dibromo-3-Chloropropane, Signal: 1, m/z: 75.0 Type: quant, RT: 15.27

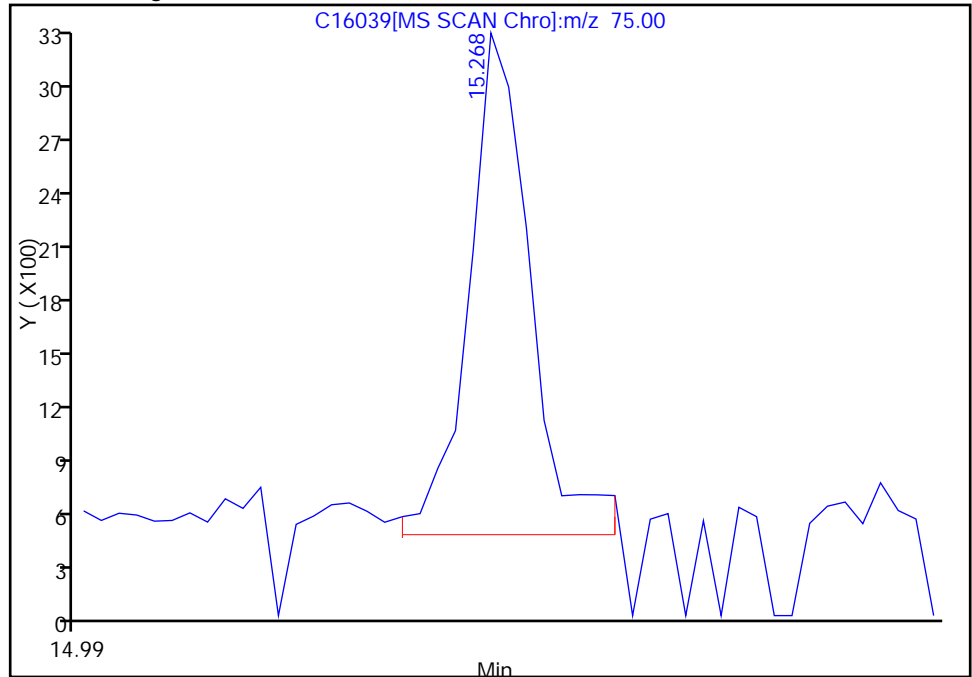
RT: 15.27
Response: 10105
Amount: 7.014162

Processing Integration Results



RT: 15.27
Response: 7989
Amount: 5.480125

Manual Integration Results



Reviewer: HillL, 08-Dec-2011 09:48:51
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16041.D
 Lims ID: STD-4 Client ID:
 Inject. Date: 07-Dec-2011 13:54:30 Dil. Factor: 1.0000
 Sample Type: ICIS Calib Level: 4
 Sample ID: STD-4
 Misc. Info.: 480-0008025-005
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 60
 Lims Batch ID: 43192 Lims Sample ID: 5
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C-8260.m
 Last Update: 08-Dec-2011 09:50:39 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

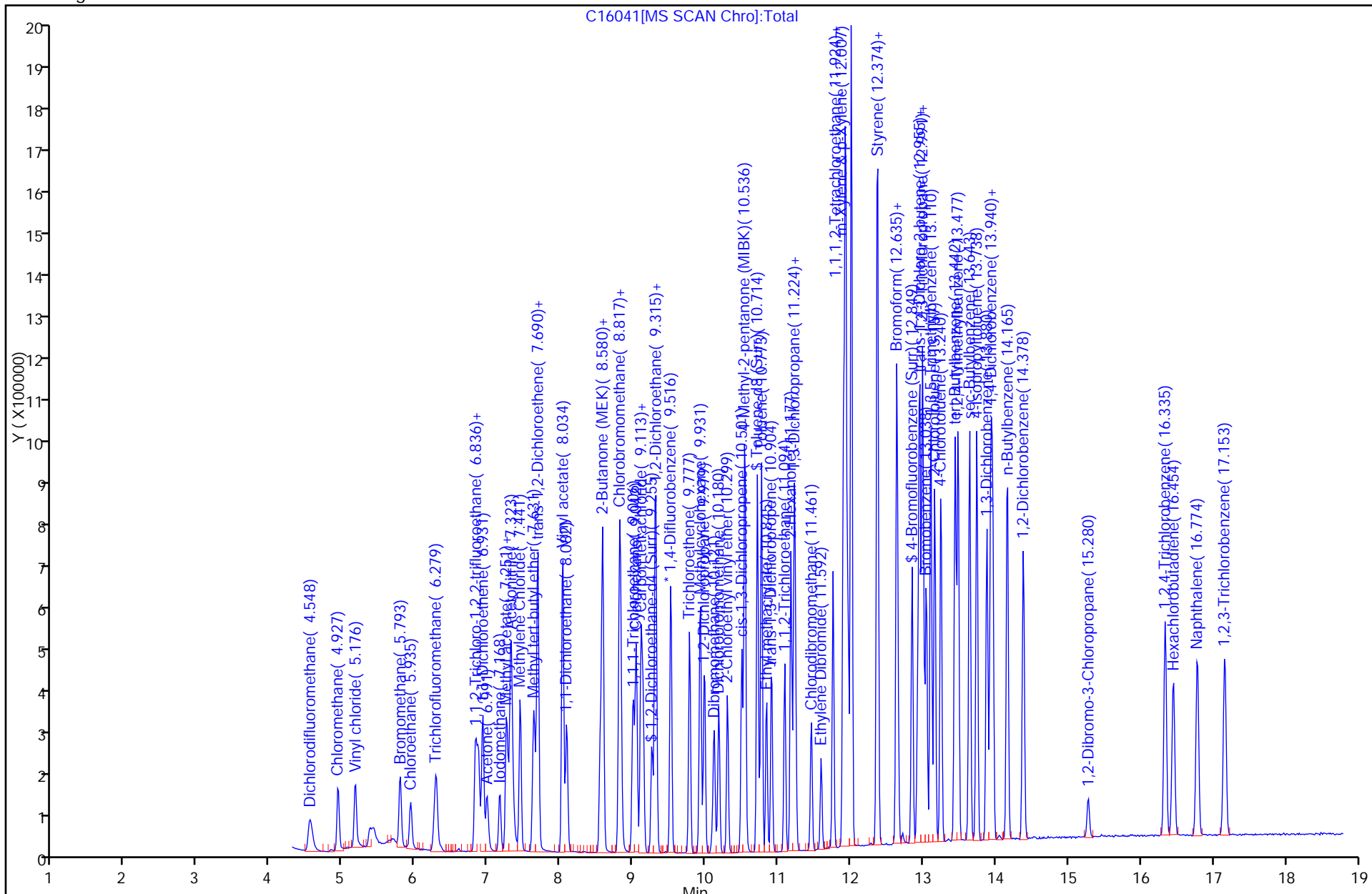
First Level Reviewer: HillL

Date: 08-Dec-2011 09:50:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	535001	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	85	278674	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	77	273679	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	95968	22.9	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	611825	24.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	88	200554	24.0	
10 Dichlorodifluoromethane	85	4.548	4.548	0.0	85	189124	23.7	
12 Chloromethane	50	4.927	4.927	0.0	88	202731	24.7	
13 Vinyl chloride	62	5.176	5.176	0.0	83	206455	23.2	
14 Bromomethane	94	5.793	5.793	0.0	91	138920	24.8	
15 Chloroethane	64	5.935	5.935	0.0	93	127601	23.3	
17 Trichlorofluoromethane	101	6.279	6.279	0.0	83	259005	23.3	
20 Acrolein	56	6.824	6.824	0.0	98	267723	466.3	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.872	6.872	0.0	86	140346	24.3	
22 1,1-Dichloroethene	96	6.931	6.931	0.0	83	150476	24.5	
23 Acetone	43	6.991	6.991	0.0	96	225958	112.6	
25 Iodomethane	142	7.168	7.168	0.0	98	184288	23.8	
26 Carbon disulfide	76	7.251	7.251	0.0	100	464189	23.6	
27 Methyl acetate	43	7.275	7.275	0.0	96	192287	23.6	
29 Acetonitrile	40	7.323	7.323	0.0	99	433216	927.9	
30 Methylene Chloride	84	7.441	7.441	0.0	86	176021	24.9	
32 Methyl tert-butyl ether	73	7.631	7.631	0.0	90	471835	23.3	
33 Acrylonitrile	53	7.678	7.678	0.0	97	289185	120.1	
34 trans-1,2-Dichloroethene	96	7.690	7.690	0.0	94	168136	24.3	
37 Vinyl acetate	43	8.034	8.034	0.0	97	1193280	118.2	
39 1,1-Dichloroethane	63	8.082	8.082	0.0	84	304957	22.9	
43 2-Butanone (MEK)	43	8.544	8.544	0.0	99	331689	115.7	
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	73	184010	22.3	
44 2,2-Dichloropropane	77	8.580	8.580	0.0	67	249807	22.2	
48 Chlorobromomethane	128	8.805	8.805	0.0	91	92266	23.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
50 Chloroform	83	8.817	8.817	0.0	81	297018	22.9	
49 Tetrahydrofuran	42	8.829	8.829	0.0	86	215562	117.0	
51 1,1,1-Trichloroethane	97	8.995	8.995	0.0	91	258631	23.3	
52 Cyclohexane	56	9.042	9.042	0.0	91	249759	23.4	
54 1,1-Dichloropropene	75	9.113	9.113	0.0	82	227522	22.6	
55 Carbon tetrachloride	117	9.137	9.137	0.0	69	238210	23.3	
57 Benzene	78	9.303	9.303	0.0	95	652156	22.8	
58 1,2-Dichloroethane	62	9.315	9.315	0.0	53	243814	23.3	
62 Trichloroethene	95	9.777	9.777	0.0	94	171961	22.8	
64 Methylcyclohexane	83	9.931	9.931	0.0	89	258980	23.6	
65 1,2-Dichloropropane	63	9.979	9.979	0.0	70	172828	23.4	
67 Dibromomethane	93	10.121	10.121	0.0	92	110918	23.0	
68 Dichlorobromomethane	83	10.180	10.180	0.0	70	224375	23.1	
69 2-Chloroethyl vinyl ether	63	10.299	10.299	0.0	91	170955	111.5	
72 cis-1,3-Dichloropropene	75	10.501	10.501	0.0	89	272174	22.9	
73 4-Methyl-2-pentanone (MIBK)	43	10.536	10.536	0.0	97	715738	117.7	
74 Toluene	92	10.773	10.773	0.0	94	406084	22.7	
75 Ethyl methacrylate	69	10.845	10.845	0.0	86	201546	23.7	
77 trans-1,3-Dichloropropene	75	10.904	10.904	0.0	88	252773	22.7	
79 1,1,2-Trichloroethane	83	11.094	11.094	0.0	87	122680	22.7	
80 2-Hexanone	43	11.177	11.177	0.0	95	477421	115.5	
81 Tetrachloroethene	166	11.224	11.224	0.0	90	176948	22.6	
82 1,3-Dichloropropane	76	11.236	11.236	0.0	73	258405	22.9	
83 Chlorodibromomethane	129	11.461	11.461	0.0	86	174863	23.1	
84 Ethylene Dibromide	107	11.592	11.592	0.0	98	145192	22.8	
87 Chlorobenzene	112	11.924	11.924	0.0	84	459783	22.4	
88 Ethylbenzene	91	11.936	11.936	0.0	95	779425	22.1	
89 1,1,1,2-Tetrachloroethane	131	11.959	11.959	0.0	59	170794	22.8	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	98	599911	45.0	
91 o-Xylene	106	12.362	12.362	0.0	91	301761	22.8	
92 Styrene	104	12.374	12.374	0.0	89	471473	23.1	
94 Isopropylbenzene	105	12.635	12.635	0.0	96	776549	22.4	
95 Bromoform	173	12.659	12.659	0.0	90	108972	23.2	
97 1,1,2,2-Tetrachloroethane	83	12.920	12.920	0.0	73	186709	23.1	
98 trans-1,4-Dichloro-2-butene	53	12.955	12.955	0.0	92	248976	118.0	
99 N-Propylbenzene	91	12.991	12.991	0.0	98	960665	22.4	
100 1,2,3-Trichloropropane	110	13.003	13.003	0.0	1	57131	22.5	
101 Bromobenzene	156	13.050	13.050	0.0	58	194434	22.6	
102 1,3,5-Trimethylbenzene	105	13.110	13.110	0.0	70	650534	22.6	
103 2-Chlorotoluene	126	13.157	13.157	0.0	92	190658	22.7	
105 4-Chlorotoluene	126	13.240	13.240	0.0	99	194104	22.5	
106 tert-Butylbenzene	134	13.442	13.442	0.0	92	140091	22.2	
107 1,2,4-Trimethylbenzene	105	13.477	13.477	0.0	98	661660	22.7	
109 sec-Butylbenzene	105	13.643	13.643	0.0	94	837046	22.5	
110 4-Isopropyltoluene	119	13.738	13.738	0.0	96	680348	22.8	
111 1,3-Dichlorobenzene	146	13.880	13.880	0.0	97	368138	22.8	
113 1,4-Dichlorobenzene	146	13.963	13.963	0.0	94	376573	22.5	
115 n-Butylbenzene	91	14.165	14.165	0.0	97	627401	22.7	
116 1,2-Dichlorobenzene	146	14.378	14.378	0.0	94	357894	22.8	
117 1,2-Dibromo-3-Chloropropane	75	15.280	15.280	0.0	69	34148	23.1	
119 1,2,4-Trichlorobenzene	180	16.335	16.335	0.0	93	246252	23.1	
120 Hexachlorobutadiene	225	16.454	16.454	0.0	90	113237	22.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.786	16.786	0.0	97	544601	22.1	
122 1,2,3-Trichlorobenzene	180	17.153	17.153	0.0	93	223916	23.2	
S 123 Total BTEX	1				0		135.5	
S 124 Xylenes, Total	1				0		67.8	
S 125 1,2-Dichloroethene, Total	1				0		46.6	
S 126 1,3-Dichloropropene, Total	1				0		45.7	



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16042.D
 Lims ID: STD-5 Client ID:
 Inject. Date: 07-Dec-2011 14:19:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 5
 Sample ID: STD-5
 Misc. Info.: 480-0008025-006
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 61
 Lims Batch ID: 43192 Lims Sample ID: 6
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C-8260.m
 Last Update: 08-Dec-2011 09:50:45 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

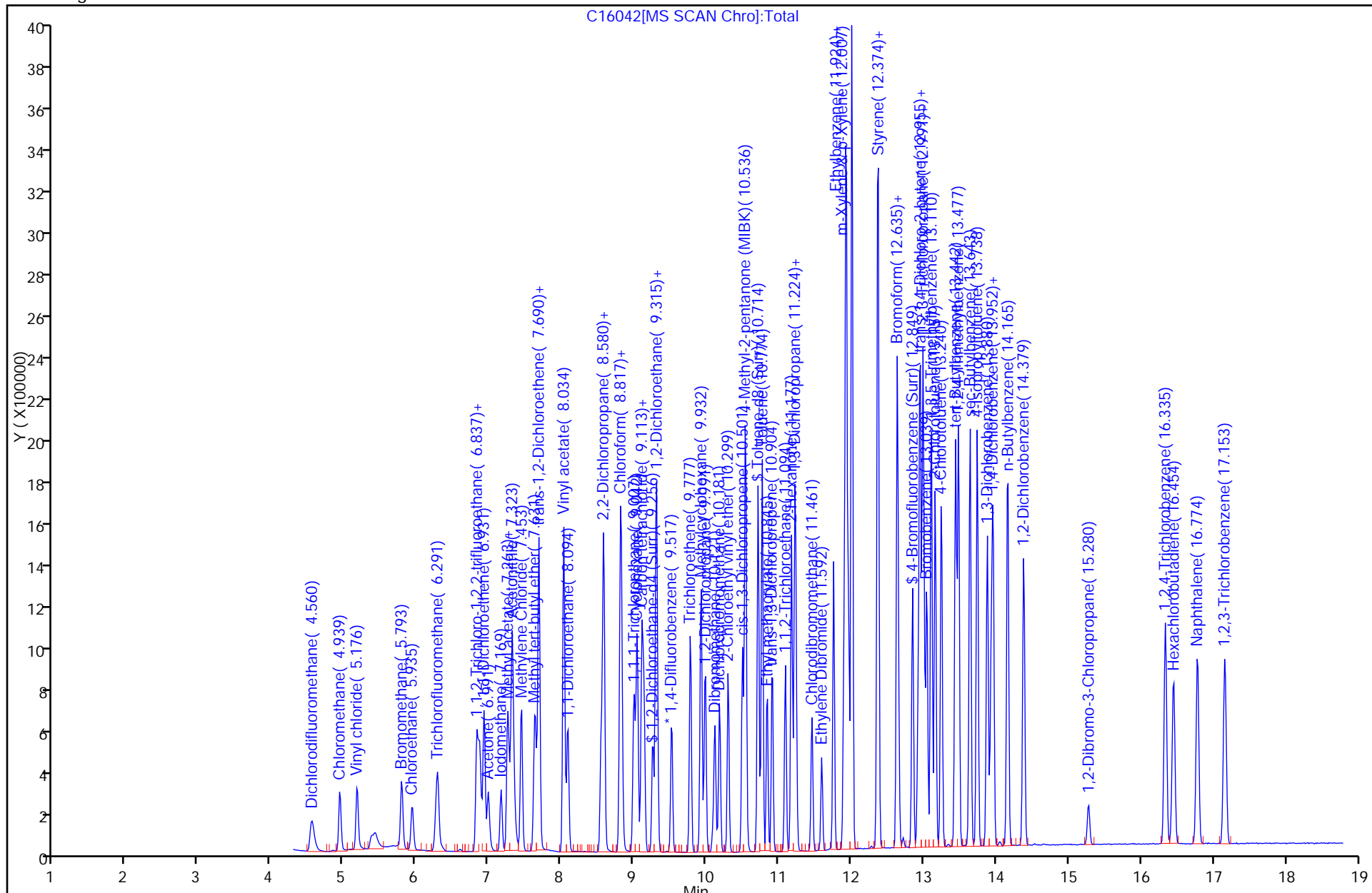
First Level Reviewer: HILL

Date: 08-Dec-2011 09:50:45

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.528	9.516	0.012	93	533884	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	85	272896	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	65	274798	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	201643	48.1	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	1214084	49.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	88	386718	47.3	
10 Dichlorodifluoromethane	85	4.560	4.548	0.012	87	379742	47.7	
12 Chloromethane	50	4.939	4.927	0.012	89	393643	48.1	
13 Vinyl chloride	62	5.176	5.176	0.0	84	409324	46.0	
14 Bromomethane	94	5.793	5.793	0.0	92	274948	49.2	
15 Chloroethane	64	5.947	5.935	0.012	95	256197	46.9	
17 Trichlorofluoromethane	101	6.291	6.279	0.012	84	538169	48.4	
20 Acrolein	56	6.837	6.824	0.012	99	567015	989.7	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.872	6.872	0.0	88	306131	53.2	
22 1,1-Dichloroethene	96	6.931	6.931	0.0	86	309973	50.7	
23 Acetone	43	6.991	6.991	0.0	97	463680	231.6	
25 Iodomethane	142	7.169	7.168	0.001	99	387993	50.3	
26 Carbon disulfide	76	7.263	7.251	0.012	100	981107	49.9	
27 Methyl acetate	43	7.287	7.275	0.012	96	394573	48.5	
29 Acetonitrile	40	7.323	7.323	0.0	99	879265	1887.3	
30 Methylene Chloride	84	7.453	7.441	0.012	84	352706	50.1	
32 Methyl tert-butyl ether	73	7.631	7.631	0.0	90	977944	48.4	
33 Acrylonitrile	53	7.690	7.678	0.012	95	585828	243.8	
34 trans-1,2-Dichloroethene	96	7.690	7.690	0.0	93	345406	50.1	
37 Vinyl acetate	43	8.034	8.034	0.0	97	2523279	250.4	
39 1,1-Dichloroethane	63	8.094	8.082	0.012	84	623333	47.0	
43 2-Butanone (MEK)	43	8.544	8.544	0.0	100	682578	238.5	
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	73	378871	45.9	
44 2,2-Dichloropropane	77	8.580	8.580	0.0	68	517897	46.1	
48 Chlorobromomethane	128	8.805	8.805	0.0	91	186502	47.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
50 Chloroform	83	8.817	8.817	0.0	80	612883	47.4	
49 Tetrahydrofuran	42	8.829	8.829	0.0	85	451417	245.6	
51 1,1,1-Trichloroethane	97	9.007	8.995	0.012	93	541697	48.9	
52 Cyclohexane	56	9.042	9.042	0.0	91	541802	50.8	
54 1,1-Dichloropropene	75	9.113	9.113	0.0	82	481621	48.0	
55 Carbon tetrachloride	117	9.137	9.137	0.0	69	499832	48.9	
57 Benzene	78	9.303	9.303	0.0	96	1326685	46.5	
58 1,2-Dichloroethane	62	9.327	9.315	0.012	74	499640	47.8	
62 Trichloroethene	95	9.777	9.777	0.0	93	354866	47.2	
64 Methylcyclohexane	83	9.932	9.931	0.001	90	558442	51.1	
65 1,2-Dichloropropane	63	9.991	9.979	0.012	70	351866	47.8	
67 Dibromomethane	93	10.121	10.121	0.0	92	227427	47.2	
68 Dichlorobromomethane	83	10.181	10.180	0.001	70	471295	48.6	
69 2-Chloroethyl vinyl ether	63	10.299	10.299	0.0	91	398652	260.5	
72 cis-1,3-Dichloropropene	75	10.501	10.501	0.0	90	567238	47.9	
73 4-Methyl-2-pentanone (MIBK)	43	10.536	10.536	0.0	96	1495217	251.1	
74 Toluene	92	10.774	10.773	0.001	93	831253	47.5	
75 Ethyl methacrylate	69	10.845	10.845	0.0	87	426602	51.3	
77 trans-1,3-Dichloropropene	75	10.916	10.904	0.012	75	517506	47.5	
79 1,1,2-Trichloroethane	83	11.094	11.094	0.0	88	251686	47.6	
80 2-Hexanone	43	11.177	11.177	0.0	96	1022225	252.6	
81 Tetrachloroethene	166	11.224	11.224	0.0	91	368314	48.1	
82 1,3-Dichloropropane	76	11.236	11.236	0.0	73	525690	47.5	
83 Chlorodibromomethane	129	11.461	11.461	0.0	88	362541	48.9	
84 Ethylene Dibromide	107	11.592	11.592	0.0	97	303484	48.6	
87 Chlorobenzene	112	11.924	11.924	0.0	84	949072	47.2	
88 Ethylbenzene	91	11.936	11.936	0.0	96	1607631	46.5	
89 1,1,1,2-Tetrachloroethane	131	11.959	11.959	0.0	65	356189	48.6	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	98	1249653	95.8	
91 o-Xylene	106	12.363	12.362	0.001	91	617974	47.8	
92 Styrene	104	12.374	12.374	0.0	89	980978	49.0	
94 Isopropylbenzene	105	12.635	12.635	0.0	96	1627071	46.8	
95 Bromoform	173	12.659	12.659	0.0	93	230514	50.2	
97 1,1,2,2-Tetrachloroethane	83	12.920	12.920	0.0	73	384229	47.4	
98 trans-1,4-Dichloro-2-butene	53	12.955	12.955	0.0	93	548875	259.1	
99 N-Propylbenzene	91	12.991	12.991	0.0	98	2006343	46.6	
100 1,2,3-Trichloropropane	110	13.003	13.003	0.0	1	116523	45.7	
101 Bromobenzene	156	13.050	13.050	0.0	58	397232	46.0	
102 1,3,5-Trimethylbenzene	105	13.110	13.110	0.0	69	1355706	47.0	
103 2-Chlorotoluene	126	13.157	13.157	0.0	85	388209	46.0	
105 4-Chlorotoluene	126	13.240	13.240	0.0	99	402843	46.5	
106 tert-Butylbenzene	134	13.442	13.442	0.0	88	289798	45.8	
107 1,2,4-Trimethylbenzene	105	13.477	13.477	0.0	73	1374387	46.9	
109 sec-Butylbenzene	105	13.643	13.643	0.0	94	1754901	47.0	
110 4-Isopropyltoluene	119	13.738	13.738	0.0	97	1419063	47.4	
111 1,3-Dichlorobenzene	146	13.880	13.880	0.0	97	754963	46.7	
113 1,4-Dichlorobenzene	146	13.963	13.963	0.0	94	774201	46.1	
115 n-Butylbenzene	91	14.165	14.165	0.0	97	1339545	48.3	
116 1,2-Dichlorobenzene	146	14.379	14.378	0.0	95	733655	46.6	
117 1,2-Dibromo-3-Chloropropane	75	15.268	15.280	-0.012	69	74008	49.8	
119 1,2,4-Trichlorobenzene	180	16.335	16.335	0.0	93	526488	49.2	
120 Hexachlorobutadiene	225	16.454	16.454	0.0	89	245973	48.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.774	16.786	-0.012	97	1187240	48.0	
122 1,2,3-Trichlorobenzene	180	17.153	17.153	0.0	93	477153	49.3	
S 123 Total BTEX	1				0		284.0	
S 124 Xylenes, Total	1				0		143.5	
S 125 1,2-Dichloroethene, Total	1				0		96.0	
S 126 1,3-Dichloropropene, Total	1				0		95.4	



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16043.D
 Lims ID: STD-6 Client ID:
 Inject. Date: 07-Dec-2011 14:44:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 6
 Sample ID: STD-6
 Misc. Info.: 480-0008025-007
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 62
 Lims Batch ID: 43192 Lims Sample ID: 7
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C-8260.m
 Last Update: 08-Dec-2011 09:50:52 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

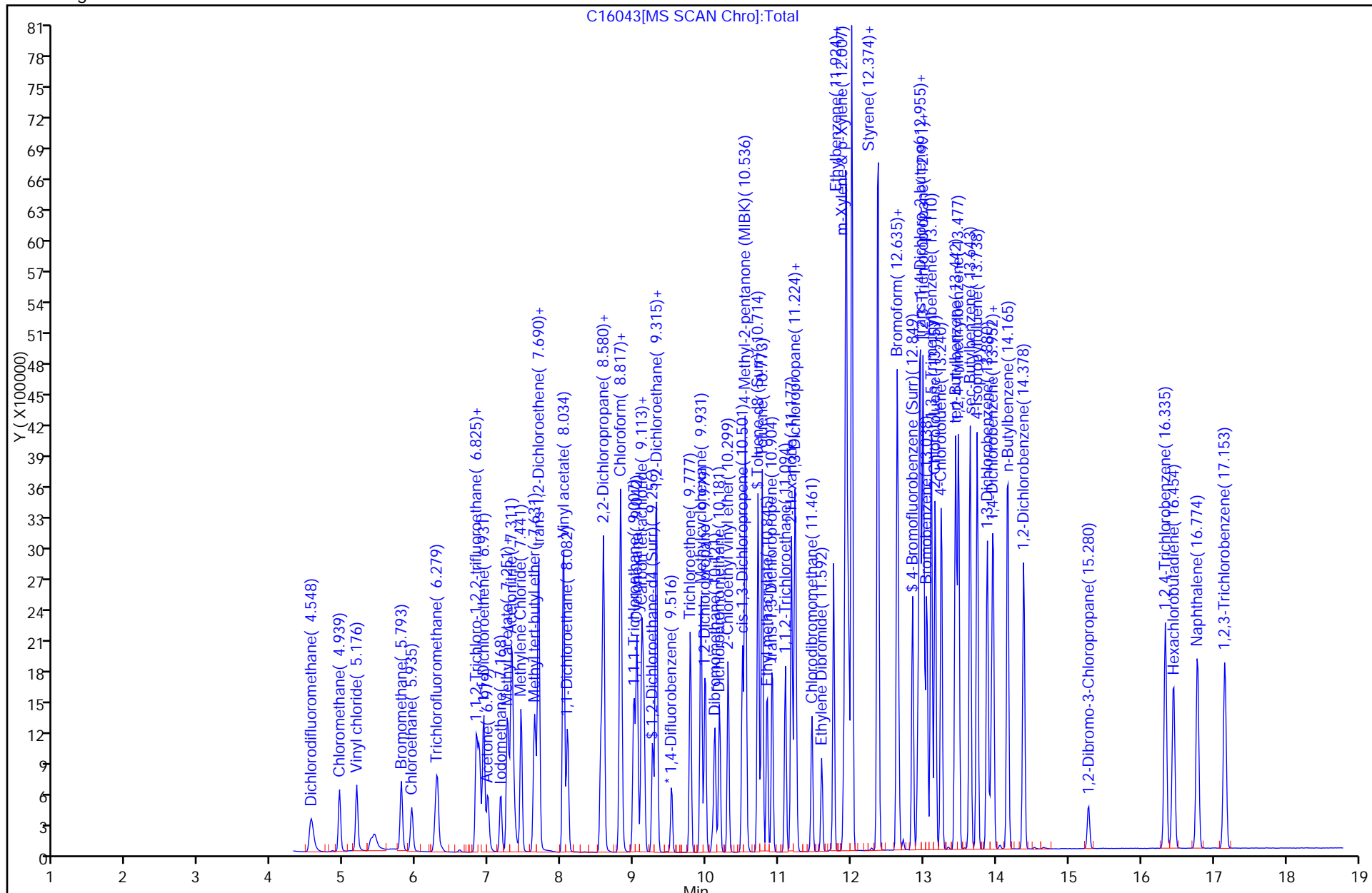
First Level Reviewer: HILL

Date: 08-Dec-2011 09:50:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	543881	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	85	284309	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	60	280966	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	409628	96.0	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	2417472	94.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	88	760944	89.3	
10 Dichlorodifluoromethane	85	4.548	4.548	0.0	88	808617	99.6	
12 Chloromethane	50	4.939	4.927	0.012	88	827741	99.3	
13 Vinyl chloride	62	5.176	5.176	0.0	84	874947	96.6	
14 Bromomethane	94	5.793	5.793	0.0	92	560545	98.4	
15 Chloroethane	64	5.935	5.935	0.0	95	520994	93.6	
17 Trichlorofluoromethane	101	6.279	6.279	0.0	87	1109335	98.0	
20 Acrolein	56	6.825	6.824	0.001	99	1187250	2034.1	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.860	6.872	-0.012	90	612623	104.4	
22 1,1-Dichloroethene	96	6.931	6.931	0.0	87	620638	99.6	
23 Acetone	43	6.979	6.991	-0.012	99	935767	458.9	
25 Iodomethane	142	7.168	7.168	0.0	99	767514	97.7	
26 Carbon disulfide	76	7.251	7.251	0.0	100	1940542	96.9	
27 Methyl acetate	43	7.275	7.275	0.0	97	794706	95.8	
29 Acetonitrile	40	7.311	7.323	-0.012	99	1772657	3735.0	
30 Methylene Chloride	84	7.441	7.441	0.0	87	698202	97.3	
32 Methyl tert-butyl ether	73	7.631	7.631	0.0	90	1947097	94.6	
33 Acrylonitrile	53	7.678	7.678	0.0	97	1219026	498.0	
34 trans-1,2-Dichloroethene	96	7.690	7.690	0.0	94	690413	98.3	
37 Vinyl acetate	43	8.034	8.034	0.0	97	5179642	504.6	
39 1,1-Dichloroethane	63	8.082	8.082	0.0	85	1243500	92.0	
43 2-Butanone (MEK)	43	8.544	8.544	0.0	99	1429055	490.2	
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	72	760458	90.5	
44 2,2-Dichloropropane	77	8.580	8.580	0.0	66	1036708	90.6	
48 Chlorobromomethane	128	8.805	8.805	0.0	91	380053	95.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
50 Chloroform	83	8.817	8.817	0.0	81	1229744	93.3	
49 Tetrahydrofuran	42	8.829	8.829	0.0	85	922359	492.6	
51 1,1,1-Trichloroethane	97	9.007	8.995	0.012	93	1095347	97.0	
52 Cyclohexane	56	9.042	9.042	0.0	91	1088085	100.2	
54 1,1-Dichloropropene	75	9.113	9.113	0.0	83	978437	95.6	
55 Carbon tetrachloride	117	9.137	9.137	0.0	70	1028734	98.8	
57 Benzene	78	9.303	9.303	0.0	95	2655324	91.3	
58 1,2-Dichloroethane	62	9.327	9.315	0.012	76	1010071	94.9	
62 Trichloroethene	95	9.777	9.777	0.0	94	723133	94.4	
64 Methylcyclohexane	83	9.931	9.931	0.0	89	1138963	102.2	
65 1,2-Dichloropropane	63	9.979	9.979	0.0	67	710126	94.8	
67 Dibromomethane	93	10.121	10.121	0.0	92	468967	95.5	
68 Dichlorobromomethane	83	10.181	10.180	0.0	71	959716	97.1	
69 2-Chloroethyl vinyl ether	63	10.299	10.299	0.0	91	864765	554.7	
72 cis-1,3-Dichloropropene	75	10.501	10.501	0.0	91	1160916	96.2	
73 4-Methyl-2-pentanone (MIBK)	43	10.536	10.536	0.0	96	3072103	495.3	
74 Toluene	92	10.773	10.773	0.0	93	1684826	92.4	
75 Ethyl methacrylate	69	10.845	10.845	0.0	87	891237	102.9	
77 trans-1,3-Dichloropropene	75	10.904	10.904	0.0	89	1076098	94.9	
79 1,1,2-Trichloroethane	83	11.094	11.094	0.0	88	509102	92.5	
80 2-Hexanone	43	11.177	11.177	0.0	95	2108455	500.1	
81 Tetrachloroethene	166	11.224	11.224	0.0	90	742049	93.0	
82 1,3-Dichloropropane	76	11.236	11.236	0.0	73	1071112	92.9	
83 Chlorodibromomethane	129	11.461	11.461	0.0	87	757777	98.1	
84 Ethylene Dibromide	107	11.592	11.592	0.0	98	632699	97.3	
87 Chlorobenzene	112	11.924	11.924	0.0	83	1909647	91.2	
88 Ethylbenzene	91	11.936	11.936	0.0	95	3242119	90.1	
89 1,1,1,2-Tetrachloroethane	131	11.959	11.959	0.0	68	712757	93.3	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	98	2532158	186.2	
91 o-Xylene	106	12.362	12.362	0.0	91	1251151	92.8	
92 Styrene	104	12.374	12.374	0.0	89	2023162	97.0	
94 Isopropylbenzene	105	12.635	12.635	0.0	97	3279078	92.2	
95 Bromoform	173	12.659	12.659	0.0	90	490145	102.4	
97 1,1,2,2-Tetrachloroethane	83	12.920	12.920	0.0	73	790671	95.4	
98 trans-1,4-Dichloro-2-butene	53	12.955	12.955	0.0	93	1169576	540.0	
99 N-Propylbenzene	91	12.991	12.991	0.0	99	4059696	92.2	
100 1,2,3-Trichloropropane	110	13.003	13.003	0.0	1	246628	94.6	
101 Bromobenzene	156	13.050	13.050	0.0	58	796988	90.3	
102 1,3,5-Trimethylbenzene	105	13.110	13.110	0.0	70	2727036	92.5	
103 2-Chlorotoluene	126	13.157	13.157	0.0	85	787505	91.2	
105 4-Chlorotoluene	126	13.240	13.240	0.0	99	812834	91.7	
106 tert-Butylbenzene	134	13.442	13.442	0.0	92	598747	92.6	
107 1,2,4-Trimethylbenzene	105	13.477	13.477	0.0	99	2787245	93.0	
109 sec-Butylbenzene	105	13.643	13.643	0.0	94	3565538	93.4	
110 4-Isopropyltoluene	119	13.738	13.738	0.0	94	2892306	94.6	
111 1,3-Dichlorobenzene	146	13.880	13.880	0.0	97	1535342	92.8	
113 1,4-Dichlorobenzene	146	13.963	13.963	0.0	94	1577514	91.9	
115 n-Butylbenzene	91	14.165	14.165	0.0	97	2747017	96.8	
116 1,2-Dichlorobenzene	146	14.378	14.378	0.0	95	1494465	92.8	
117 1,2-Dibromo-3-Chloropropane	75	15.268	15.280	-0.012	77	149941	98.7	
119 1,2,4-Trichlorobenzene	180	16.335	16.335	0.0	90	1085196	99.3	
120 Hexachlorobutadiene	225	16.454	16.454	0.0	82	506481	97.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.774	16.786	-0.012	97	2498912	98.8	
122 1,2,3-Trichlorobenzene	180	17.153	17.153	0.0	92	984347	99.5	
S 123 Total BTEX	1				0		552.8	
S 124 Xylenes, Total	1				0		279.0	
S 125 1,2-Dichloroethene, Total	1				0		188.7	
S 126 1,3-Dichloropropene, Total	1				0		191.1	



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16046.D
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 Inject. Date: 07-Dec-2011 16:44:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 3
 Sample ID: STD-3
 Misc. Info.: 480-0008025-019
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 65
 Lims Batch ID: 43192 Lims Sample ID: 19
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C-8260.m
 Last Update: 08-Dec-2011 13:56:38 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

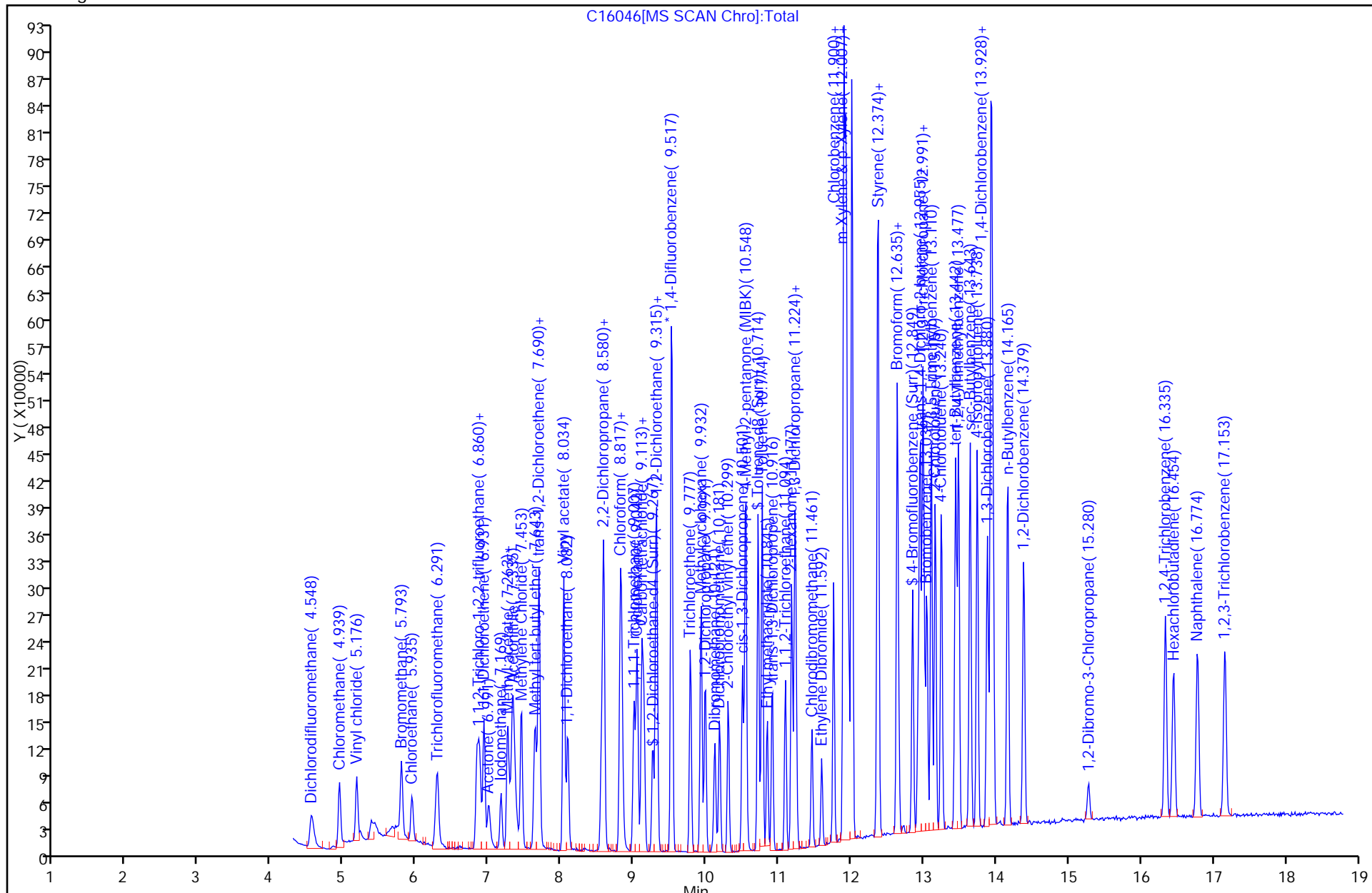
First Level Reviewer: HillL

Date: 08-Dec-2011 13:56:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.528	9.516	0.012	93	530043	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	85	272312	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	81	268464	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	44688	10.7	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	92	263476	10.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	86	85395	10.5	
10 Dichlorodifluoromethane	85	4.548	4.548	0.0	81	89352	11.3	
12 Chloromethane	50	4.939	4.927	0.012	88	94351	11.6	
13 Vinyl chloride	62	5.176	5.176	0.0	83	97389	11.0	
14 Bromomethane	94	5.793	5.793	0.0	88	63607	11.5	
15 Chloroethane	64	5.935	5.935	0.0	93	57660	10.6	
17 Trichlorofluoromethane	101	6.291	6.279	0.012	81	120910	11.0	
20 Acrolein	56	6.837	6.824	0.012	92	114494	201.3	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.872	6.872	0.0	79	64859	11.3	
22 1,1-Dichloroethene	96	6.931	6.931	0.0	81	70735	11.6	
23 Acetone	43	7.003	6.991	0.012	96	102188	51.4	
25 Iodomethane	142	7.169	7.168	0.001	96	82462	10.8	
26 Carbon disulfide	76	7.252	7.251	0.001	99	209535	10.7	
27 Methyl acetate	43	7.287	7.275	0.012	96	82936	10.3	
29 Acetonitrile	40	7.335	7.323	0.012	99	197233	426.4	
30 Methylene Chloride	84	7.453	7.441	0.012	82	79713	11.4	
32 Methyl tert-butyl ether	73	7.643	7.631	0.012	89	208708	10.4	
33 Acrylonitrile	53	7.690	7.678	0.012	97	124878	52.3	
34 trans-1,2-Dichloroethene	96	7.690	7.690	0.0	93	78595	11.5	
37 Vinyl acetate	43	8.034	8.034	0.0	97	519379	51.9	
39 1,1-Dichloroethane	63	8.094	8.082	0.012	81	138778	10.5	
43 2-Butanone (MEK)	43	8.556	8.544	0.012	99	146974	51.7	
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	73	83701	10.2	
44 2,2-Dichloropropane	77	8.580	8.580	0.0	69	117473	10.5	
48 Chlorobromomethane	128	8.805	8.805	0.0	89	41423	10.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
50 Chloroform	83	8.817	8.817	0.0	80	134983	10.5	
49 Tetrahydrofuran	42	8.841	8.829	0.012	84	94388	51.7	
51 1,1,1-Trichloroethane	97	9.007	8.995	0.012	92	117448	10.7	
52 Cyclohexane	56	9.042	9.042	0.0	91	116546	11.0	
54 1,1-Dichloropropene	75	9.113	9.113	0.0	89	105949	10.6	
55 Carbon tetrachloride	117	9.137	9.137	0.0	78	109005	10.7	
57 Benzene	78	9.303	9.303	0.0	95	294708	10.4	
58 1,2-Dichloroethane	62	9.327	9.315	0.012	75	108453	10.5	
62 Trichloroethene	95	9.777	9.777	0.0	92	76315	10.2	
64 Methylcyclohexane	83	9.932	9.931	0.001	89	119938	11.0	
65 1,2-Dichloropropane	63	9.991	9.979	0.012	69	77195	10.6	
67 Dibromomethane	93	10.121	10.121	0.0	88	49337	10.3	
68 Dichlorobromomethane	83	10.181	10.180	0.001	68	100339	10.4	
69 2-Chloroethyl vinyl ether	63	10.299	10.299	0.0	89	80838	53.2	
72 cis-1,3-Dichloropropene	75	10.501	10.501	0.0	89	120018	10.2	
73 4-Methyl-2-pentanone (MIBK)	43	10.548	10.536	0.012	95	306174	51.5	
74 Toluene	92	10.774	10.773	0.001	93	184144	10.5	
75 Ethyl methacrylate	69	10.845	10.845	0.0	84	84536	10.2	
77 trans-1,3-Dichloropropene	75	10.916	10.904	0.012	83	111187	10.2	
79 1,1,2-Trichloroethane	83	11.094	11.094	0.0	87	54050	10.3	
80 2-Hexanone	43	11.177	11.177	0.0	96	209264	51.8	
81 Tetrachloroethene	166	11.224	11.224	0.0	90	80220	10.5	
82 1,3-Dichloropropane	76	11.236	11.236	0.0	73	113457	10.3	
83 Chlorodibromomethane	129	11.461	11.461	0.0	83	75083	10.1	
84 Ethylene Dibromide	107	11.592	11.592	0.0	96	64732	10.4	
87 Chlorobenzene	112	11.924	11.924	0.0	83	208164	10.4	
88 Ethylbenzene	91	11.936	11.936	0.0	91	351392	10.2	
89 1,1,1,2-Tetrachloroethane	131	11.959	11.959	0.0	52	76001	10.4	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	98	274166	21.1	
91 o-Xylene	106	12.363	12.362	0.001	91	134097	10.4	
92 Styrene	104	12.374	12.374	0.0	88	206493	10.3	
94 Isopropylbenzene	105	12.635	12.635	0.0	96	355853	10.5	
95 Bromoform	173	12.659	12.659	0.0	85	47043	10.3	
97 1,1,2,2-Tetrachloroethane	83	12.920	12.920	0.0	74	82132	10.4	
98 trans-1,4-Dichloro-2-butene	53	12.955	12.955	0.0	93	103447	50.0	
99 N-Propylbenzene	91	12.991	12.991	0.0	98	436202	10.4	
100 1,2,3-Trichloropropane	110	13.003	13.003	0.0	1	25683	10.3	
101 Bromobenzene	156	13.050	13.050	0.0	48	87254	10.3	
102 1,3,5-Trimethylbenzene	105	13.110	13.110	0.0	68	295201	10.5	
103 2-Chlorotoluene	126	13.157	13.157	0.0	85	86531	10.5	
105 4-Chlorotoluene	126	13.252	13.240	0.012	97	87953	10.4	
106 tert-Butylbenzene	134	13.442	13.442	0.0	86	63500	10.3	
107 1,2,4-Trimethylbenzene	105	13.477	13.477	0.0	97	297714	10.4	
109 sec-Butylbenzene	105	13.643	13.643	0.0	93	380533	10.4	
110 4-Isopropyltoluene	119	13.738	13.738	0.0	93	305619	10.5	
111 1,3-Dichlorobenzene	146	13.880	13.880	0.0	97	167727	10.6	
113 1,4-Dichlorobenzene	146	13.963	13.963	0.0	91	171827	10.5	
115 n-Butylbenzene	91	14.165	14.165	0.0	96	289385	10.7	
116 1,2-Dichlorobenzene	146	14.379	14.378	0.0	95	161448	10.5	
117 1,2-Dibromo-3-Chloropropane	75	15.268	15.280	-0.012	52	18198	12.5	
119 1,2,4-Trichlorobenzene	180	16.335	16.335	0.0	90	109890	10.5	
120 Hexachlorobutadiene	225	16.454	16.454	0.0	88	52591	10.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.774	16.786	-0.012	96	248594	10.3	
122 1,2,3-Trichlorobenzene	180	17.165	17.153	0.012	92	100374	10.6	
S 123 Total BTEX	1				0		62.6	
S 124 Xylenes, Total	1				0		31.4	
S 125 1,2-Dichloroethene, Total	1				0		21.7	
S 126 1,3-Dichloropropene, Total	1				0		20.4	



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-48180/2 Calibration Date: 01/17/2012 10:12
 Instrument ID: HP5973C Calib Start Date: 12/07/2011 12:38
 GC Column: ZB-624 (30) ID: 0.53 (mm) Calib End Date: 12/07/2011 16:44
 Lab File ID: C16965.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	0.3730	0.3529		23.7	25.0	-5.4	50.0
Chloromethane	Lin1F		0.4527	0.1000	29.5	25.0	18.0	50.0
Vinyl chloride	Ave	0.4163	0.4693		28.2	25.0	12.7	20.0
Bromomethane	Lin1F		0.2906		27.8	25.0	11.2	50.0
Chloroethane	Ave	0.2558	0.2775		27.1	25.0	8.5	50.0
Trichlorofluoromethane	Ave	0.5205	0.5194		24.9	25.0	-0.2	50.0
Acrolein	Ave	0.0268	0.0253		471	500	-5.7	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2696	0.3079		28.6	25.0	14.2	50.0
1,1-Dichloroethene	LinF		0.2987	0.1000	26.1	25.0	4.4	20.0
Acetone	Ave	0.0937	0.0848		113	125	-9.5	50.0
Iodomethane	Ave	0.3613	0.3831		26.5	25.0	6.0	50.0
Carbon disulfide	Ave	0.9203	1.023		27.8	25.0	11.1	50.0
Methyl acetate	Ave	0.3813	0.3266		21.4	25.0	-14.4	50.0
Acetonitrile	Ave	0.0218	0.0212		972	1000	-2.8	50.0
Methylene Chloride	Lin1F		0.3465		26.3	25.0	5.2	50.0
Methyl tert-butyl ether	Ave	0.9462	0.8948		23.6	25.0	-5.4	50.0
Acrylonitrile	Ave	0.1125	0.1147		127	125	1.9	50.0
trans-1,2-Dichloroethene	Lin1F		0.3375		26.1	25.0	4.4	50.0
Vinyl acetate	Ave	0.4718	0.5773		153	125	22.4	50.0
1,1-Dichloroethane	Ave	0.6215	0.6444		25.9	25.0	3.7	50.0
2-Butanone (MEK)	Ave	0.1340	0.1243		116	125	-7.2	50.0
2,2-Dichloropropane	Ave	0.5259	0.5391		25.6	25.0	2.5	50.0
cis-1,2-Dichloroethene	Ave	0.3864	0.3615		23.4	25.0	-6.5	50.0
Bromochloromethane	Ave	0.1834	0.1696		23.1	25.0	-7.5	50.0
Chloroform	Ave	0.6058	0.6153		25.4	25.0	1.6	20.0
Tetrahydrofuran	Ave	0.0861	0.0849		123	125	-1.4	50.0
1,1,1-Trichloroethane	Ave	0.5192	0.5077		24.4	25.0	-2.2	50.0
Cyclohexane	Ave	0.4993	0.5912		29.6	25.0	18.4	50.0
1,1-Dichloropropene	Ave	0.4703	0.4713		25.0	25.0	0.2	50.0
Carbon tetrachloride	Ave	0.4786	0.4507		23.5	25.0	-5.8	50.0
Benzene	Ave	1.337	1.334		25.0	25.0	-0.2	50.0
1,2-Dichloroethane	Ave	0.4894	0.4785		24.4	25.0	-2.2	50.0
Trichloroethene	Ave	0.3519	0.3412		24.2	25.0	-3.0	50.0
Methylcyclohexane	Ave	0.5122	0.5470		26.7	25.0	6.8	50.0
1,2-Dichloropropane	Ave	0.3444	0.3616		26.2	25.0	5.0	20.0
Dibromomethane	Ave	0.2257	0.2098		23.2	25.0	-7.1	50.0
Bromodichloromethane	Ave	0.4542	0.4385		24.1	25.0	-3.5	50.0
2-Chloroethyl vinyl ether	Ave	0.0717	0.1042		182	125	45.4	50.0
cis-1,3-Dichloropropene	Ave	0.5547	0.5244		23.6	25.0	-5.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5455	0.4964		114	125	-9.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-48180/2 Calibration Date: 01/17/2012 10:12
 Instrument ID: HP5973C Calib Start Date: 12/07/2011 12:38
 GC Column: ZB-624 (30) ID: 0.53 (mm) Calib End Date: 12/07/2011 16:44
 Lab File ID: C16965.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
Toluene	Ave	1.604	1.507		23.5	25.0	-6.0	20.0
Ethyl methacrylate	Ave	0.7614	0.6833		22.4	25.0	-10.3	50.0
trans-1,3-Dichloropropene	Ave	0.997	0.8875		22.2	25.0	-11.0	50.0
1,1,2-Trichloroethane	Ave	0.4839	0.4361		22.5	25.0	-9.9	50.0
2-Hexanone	Ave	0.3707	0.3320		112	125	-10.5	50.0
Tetrachloroethene	Ave	0.7018	0.6186		22.0	25.0	-11.9	50.0
1,3-Dichloropropane	Ave	1.014	0.9361		23.1	25.0	-7.7	50.0
Dibromochloromethane	Ave	0.6793	0.5713		21.0	25.0	-15.9	50.0
1,2-Dibromoethane	Ave	0.5719	0.5060		22.1	25.0	-11.5	50.0
Chlorobenzene	Ave	1.842	1.672	0.3000	22.7	25.0	-9.3	50.0
Ethylbenzene	Ave	3.165	2.913		23.0	25.0	-8.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6716	0.5853		21.8	25.0	-12.8	50.0
m,p-Xylene	Ave	1.196	1.103		46.1	50.0	-7.7	50.0
o-Xylene	Ave	1.185	1.057		22.3	25.0	-10.9	50.0
Styrene	Ave	1.834	1.670		22.8	25.0	-8.9	50.0
Isopropylbenzene	Ave	3.165	3.027		23.9	25.0	-4.4	50.0
Bromoform	Ave	0.4210	0.3284	0.1000	19.5	25.0	-22.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7373	0.6960	0.3000	23.6	25.0	-5.6	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1927	0.1452		94.2	125	-24.6	50.0
N-Propylbenzene	Ave	3.917	3.854		24.6	25.0	-1.6	50.0
1,2,3-Trichloropropane	Ave	0.2320	0.2050		22.1	25.0	-11.6	50.0
Bromobenzene	Ave	0.7852	0.7245		23.1	25.0	-7.7	50.0
1,3,5-Trimethylbenzene	Ave	2.624	2.514		24.0	25.0	-4.2	50.0
2-Chlorotoluene	Ave	0.7679	0.7285		23.7	25.0	-5.1	50.0
4-Chlorotoluene	Ave	0.7890	0.7462		23.6	25.0	-5.4	50.0
tert-Butylbenzene	Ave	0.5752	0.5233		22.7	25.0	-9.0	50.0
1,2,4-Trimethylbenzene	Ave	2.666	2.540		23.8	25.0	-4.7	50.0
sec-Butylbenzene	Ave	3.398	3.248		23.9	25.0	-4.4	50.0
4-Isopropyltoluene	Ave	2.722	2.568		23.6	25.0	-5.7	50.0
1,3-Dichlorobenzene	Ave	1.472	1.393		23.7	25.0	-5.4	50.0
1,4-Dichlorobenzene	Ave	1.527	1.430		23.4	25.0	-6.4	50.0
n-Butylbenzene	Ave	2.525	2.552		25.3	25.0	1.1	50.0
1,2-Dichlorobenzene	Ave	1.433	1.329		23.2	25.0	-7.3	50.0
1,2-Dibromo-3-Chloropropane	Lin1F		0.1132		20.9	25.0	-16.4	50.0
1,2,4-Trichlorobenzene	Ave	0.9726	0.8522		21.9	25.0	-12.4	50.0
Hexachlorobutadiene	Ave	0.4625	0.3461		18.7	25.0	-25.2	50.0
Naphthalene	Ave	2.250	1.814		20.2	25.0	-19.4	50.0
1,2,3-Trichlorobenzene	Ave	0.8806	0.7423		21.1	25.0	-15.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1962	0.1887		24.0	25.0	-3.9	50.0
Toluene-d8 (Surr)	Ave	2.240	2.131		23.8	25.0	-4.9	50.0
4-Bromofluorobenzene (Surr)	Ave	0.7491	0.6257		20.9	25.0	-16.5	50.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16965.D
 Lims ID: CCVIS Client ID:
 Inject. Date: 17-Jan-2012 10:12:30 Dil. Factor: 1.0000
 Sample Type: CCVIS
 Sample ID: CCVIS
 Misc. Info.: 480-0008916-002
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 26
 Lims Batch ID: 48180 Lims Sample ID: 2
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:15:29 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

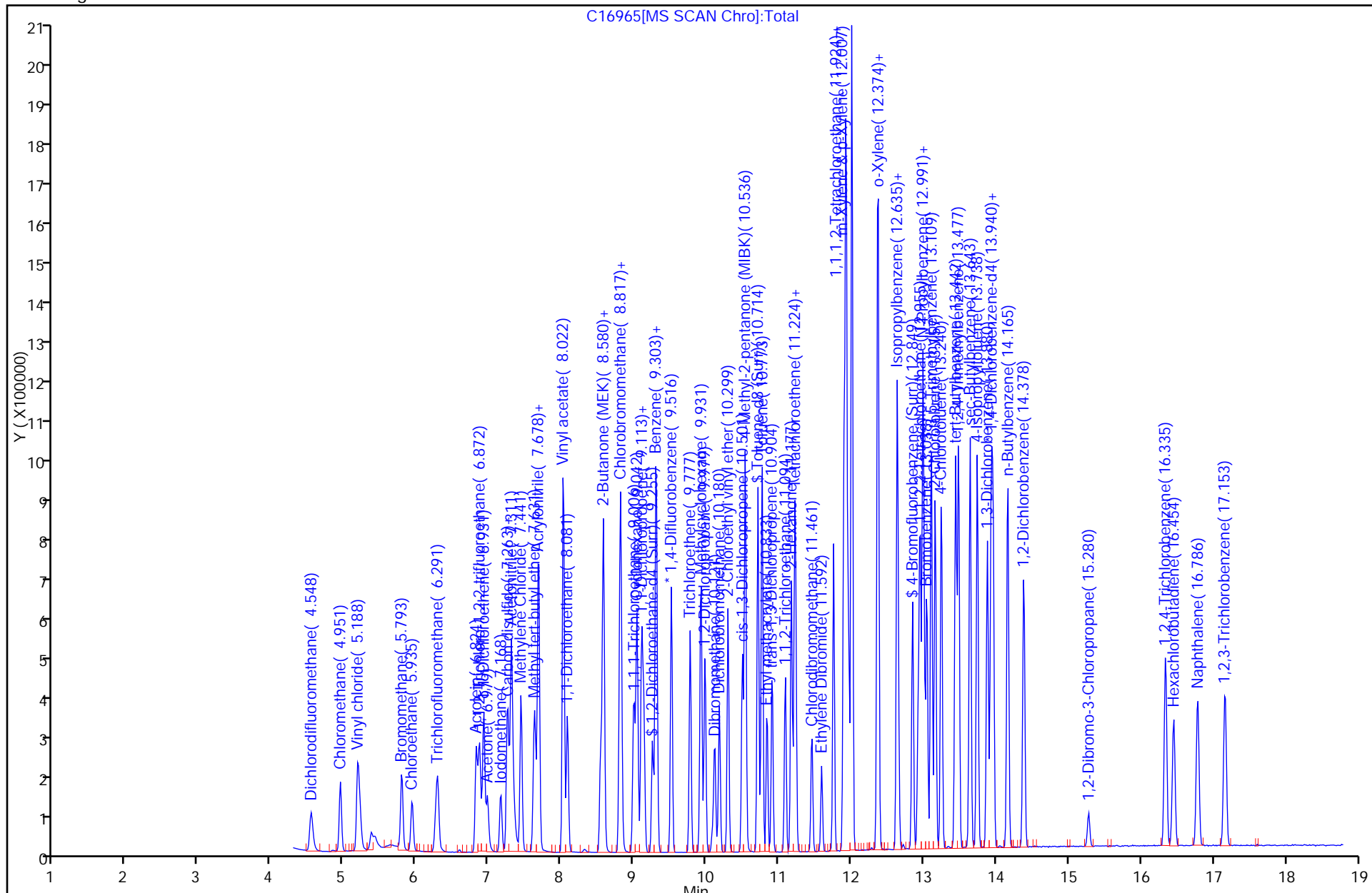
First Level Reviewer: Hilll

Date: 17-Jan-2012 10:29:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	539542	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	291310	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	78	269867	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	101784	24.0	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	620693	23.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	182261	20.9	
10 Dichlorodifluoromethane	85	4.548	4.548	0.0	86	190409	23.7	
12 Chloromethane	50	4.951	4.951	0.0	88	244273	29.5	
13 Vinyl chloride	62	5.188	5.188	0.0	84	253184	28.2	
14 Bromomethane	94	5.793	5.793	0.0	92	156796	27.8	
15 Chloroethane	64	5.935	5.935	0.0	95	149717	27.1	
17 Trichlorofluoromethane	101	6.291	6.291	0.0	84	280240	24.9	
20 Acrolein	56	6.824	6.824	0.0	96	272953	471.4	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.872	6.872	0.0	87	166137	28.6	
22 1,1-Dichloroethene	96	6.931	6.931	0.0	85	161133	26.1	
23 Acetone	43	6.979	6.979	0.0	97	228770	113.1	
25 Iodomethane	142	7.168	7.168	0.0	98	206682	26.5	
26 Carbon disulfide	76	7.251	7.251	0.0	100	551684	27.8	
27 Methyl acetate	43	7.275	7.275	0.0	90	176187	21.4	
29 Acetonitrile	40	7.311	7.311	0.0	100	457762	972.3	
30 Methylene Chloride	84	7.441	7.441	0.0	90	186931	26.3	
32 Methyl tert-butyl ether	73	7.631	7.631	0.0	91	482798	23.6	
33 Acrylonitrile	53	7.678	7.678	0.0	96	309363	127.4	
34 trans-1,2-Dichloroethene	96	7.690	7.690	0.0	94	182117	26.1	
37 Vinyl acetate	43	8.022	8.022	0.0	97	1557504	153.0	
39 1,1-Dichloroethane	63	8.081	8.081	0.0	84	347702	25.9	
43 2-Butanone (MEK)	43	8.544	8.544	0.0	100	335375	116.0	
44 2,2-Dichloropropane	77	8.580	8.580	0.0	66	290841	25.6	
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	73	195018	23.4	
48 Chlorobromomethane	128	8.805	8.805	0.0	84	91523	23.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
50 Chloroform	83	8.817	8.817	0.0	82	331967	25.4	
49 Tetrahydrofuran	42	8.829	8.829	0.0	88	229014	123.3	
51 1,1,1-Trichloroethane	97	8.995	8.995	0.0	90	273904	24.4	
52 Cyclohexane	56	9.042	9.042	0.0	93	318960	29.6	
54 1,1-Dichloropropene	75	9.113	9.113	0.0	90	254257	25.0	
55 Carbon tetrachloride	117	9.137	9.137	0.0	78	243164	23.5	
57 Benzene	78	9.303	9.303	0.0	95	719872	25.0	
58 1,2-Dichloroethane	62	9.315	9.315	0.0	56	258194	24.4	
62 Trichloroethene	95	9.777	9.777	0.0	94	184103	24.2	
64 Methylcyclohexane	83	9.931	9.931	0.0	91	295114	26.7	
65 1,2-Dichloropropane	63	9.979	9.979	0.0	67	195114	26.2	
67 Dibromomethane	93	10.109	10.109	0.0	82	113207	23.2	
68 Dichlorobromomethane	83	10.180	10.180	0.0	82	236601	24.1	
69 2-Chloroethyl vinyl ether	63	10.299	10.299	0.0	90	281023	181.7	
72 cis-1,3-Dichloropropene	75	10.501	10.501	0.0	89	282956	23.6	
73 4-Methyl-2-pentanone (MIBK)	43	10.536	10.536	0.0	97	723027	113.8	
74 Toluene	92	10.773	10.773	0.0	93	439105	23.5	
75 Ethyl methacrylate	69	10.833	10.833	0.0	89	199046	22.4	
77 trans-1,3-Dichloropropene	75	10.904	10.904	0.0	90	258546	22.2	
79 1,1,2-Trichloroethane	83	11.094	11.094	0.0	88	127033	22.5	
80 2-Hexanone	43	11.177	11.177	0.0	96	483499	111.9	
81 Tetrachloroethene	166	11.224	11.224	0.0	89	180204	22.0	
82 1,3-Dichloropropane	76	11.236	11.236	0.0	76	272704	23.1	
83 Chlorodibromomethane	129	11.461	11.461	0.0	87	166418	21.0	
84 Ethylene Dibromide	107	11.592	11.592	0.0	97	147408	22.1	
87 Chlorobenzene	112	11.924	11.924	0.0	82	486956	22.7	
88 Ethylbenzene	91	11.935	11.935	0.0	95	848441	23.0	
89 1,1,1,2-Tetrachloroethane	131	11.959	11.959	0.0	58	170507	21.8	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	98	642867	46.1	
91 o-Xylene	106	12.362	12.362	0.0	91	307784	22.3	
92 Styrene	104	12.374	12.374	0.0	88	486464	22.8	
94 Isopropylbenzene	105	12.635	12.635	0.0	97	816765	23.9	
95 Bromoform	173	12.659	12.659	0.0	82	95674	19.5	
97 1,1,2,2-Tetrachloroethane	83	12.920	12.920	0.0	71	187820	23.6	
98 trans-1,4-Dichloro-2-butene	53	12.955	12.955	0.0	94	195979	94.2	
99 N-Propylbenzene	91	12.991	12.991	0.0	99	1039971	24.6	
100 1,2,3-Trichloropropane	110	13.015	13.015	0.0	1	55322	22.1	
101 Bromobenzene	156	13.050	13.050	0.0	54	195528	23.1	
102 1,3,5-Trimethylbenzene	105	13.109	13.109	0.0	70	678425	24.0	
103 2-Chlorotoluene	126	13.157	13.157	0.0	91	196591	23.7	
105 4-Chlorotoluene	126	13.252	13.252	0.0	97	201372	23.6	
106 tert-Butylbenzene	134	13.442	13.442	0.0	87	141216	22.7	
107 1,2,4-Trimethylbenzene	105	13.477	13.477	0.0	98	685507	23.8	
109 sec-Butylbenzene	105	13.643	13.643	0.0	94	876656	23.9	
110 4-Isopropyltoluene	119	13.738	13.738	0.0	97	692946	23.6	
111 1,3-Dichlorobenzene	146	13.880	13.880	0.0	97	375925	23.7	
113 1,4-Dichlorobenzene	146	13.963	13.963	0.0	93	385886	23.4	
115 n-Butylbenzene	91	14.165	14.165	0.0	97	688571	25.3	
116 1,2-Dichlorobenzene	146	14.378	14.378	0.0	94	358539	23.2	
117 1,2-Dibromo-3-Chloropropane	75	15.280	15.280	0.0	61	30548	20.9	
119 1,2,4-Trichlorobenzene	180	16.335	16.335	0.0	89	229980	21.9	
120 Hexachlorobutadiene	225	16.454	16.454	0.0	89	93402	18.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.786	16.786	0.0	97	489431	20.2	
122 1,2,3-Trichlorobenzene	180	17.165	17.165	0.0	93	200310	21.1	
S 125 1,2-Dichloroethene, Total	1				0		49.5	
S 126 1,3-Dichloropropene, Total	1				0		45.9	
S 123 Total BTEX	1				0		139.9	
S 124 Xylenes, Total	1				0		68.4	



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-48336/2 Calibration Date: 01/17/2012 22:00
 Instrument ID: HP5973C Calib Start Date: 12/07/2011 12:38
 GC Column: ZB-624 (30) ID: 0.53 (mm) Calib End Date: 12/07/2011 16:44
 Lab File ID: C16992.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	0.3730	0.3508		23.5	25.0	-6.0	50.0
Chloromethane	Lin1F		0.4438	0.1000	29.0	25.0	16.0	50.0
Vinyl chloride	Ave	0.4163	0.4714		28.3	25.0	13.2	20.0
Bromomethane	Lin1F		0.2821		26.9	25.0	7.6	50.0
Chloroethane	Ave	0.2558	0.2806		27.4	25.0	9.7	50.0
Trichlorofluoromethane	Ave	0.5205	0.5331		25.6	25.0	2.4	50.0
Acrolein	Ave	0.0268	0.0249		463	500	-7.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2696	0.3156		29.3	25.0	17.0	50.0
1,1-Dichloroethene	LinF		0.3096	0.1000	27.0	25.0	8.0	20.0
Acetone	Ave	0.0937	0.0833		111	125	-11.1	50.0
Iodomethane	Ave	0.3613	0.3946		27.3	25.0	9.2	50.0
Carbon disulfide	Ave	0.9203	1.024		27.8	25.0	11.3	50.0
Methyl acetate	Ave	0.3813	0.3266		21.4	25.0	-14.3	50.0
Acetonitrile	Ave	0.0218	0.0217		997	1000	-0.3	50.0
Methylene Chloride	Lin1F		0.3561		27.0	25.0	8.0	50.0
Methyl tert-butyl ether	Ave	0.9462	0.9287		24.5	25.0	-1.9	50.0
Acrylonitrile	Ave	0.1125	0.1147		127	125	1.9	50.0
trans-1,2-Dichloroethene	Lin1F		0.3407		26.4	25.0	5.6	50.0
Vinyl acetate	Ave	0.4718	0.5833		155	125	23.6	50.0
1,1-Dichloroethane	Ave	0.6215	0.6705		27.0	25.0	7.9	50.0
2-Butanone (MEK)	Ave	0.1340	0.1261		118	125	-5.9	50.0
2,2-Dichloropropane	Ave	0.5259	0.5560		26.4	25.0	5.7	50.0
cis-1,2-Dichloroethene	Ave	0.3864	0.3795		24.6	25.0	-1.8	50.0
Bromochloromethane	Ave	0.1834	0.1755		23.9	25.0	-4.3	50.0
Chloroform	Ave	0.6058	0.6290		26.0	25.0	3.8	20.0
Tetrahydrofuran	Ave	0.0861	0.0855		124	125	-0.7	50.0
1,1,1-Trichloroethane	Ave	0.5192	0.5297		25.5	25.0	2.0	50.0
Cyclohexane	Ave	0.4993	0.6040		30.2	25.0	21.0	50.0
1,1-Dichloropropene	Ave	0.4703	0.4977		26.5	25.0	5.8	50.0
Carbon tetrachloride	Ave	0.4786	0.4743		24.8	25.0	-0.9	50.0
Benzene	Ave	1.337	1.386		25.9	25.0	3.7	50.0
1,2-Dichloroethane	Ave	0.4894	0.4982		25.5	25.0	1.8	50.0
Trichloroethene	Ave	0.3519	0.3584		25.5	25.0	1.8	50.0
Methylcyclohexane	Ave	0.5122	0.5677		27.7	25.0	10.8	50.0
1,2-Dichloropropane	Ave	0.3444	0.3777		27.4	25.0	9.7	20.0
Dibromomethane	Ave	0.2257	0.2144		23.7	25.0	-5.0	50.0
Bromodichloromethane	Ave	0.4542	0.4552		25.1	25.0	0.2	50.0
2-Chloroethyl vinyl ether	Ave	0.0717	0.0730		127	125	1.8	50.0
cis-1,3-Dichloropropene	Ave	0.5547	0.5481		24.7	25.0	-1.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5455	0.5056		116	125	-7.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-48336/2 Calibration Date: 01/17/2012 22:00
 Instrument ID: HP5973C Calib Start Date: 12/07/2011 12:38
 GC Column: ZB-624 (30) ID: 0.53 (mm) Calib End Date: 12/07/2011 16:44
 Lab File ID: C16992.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
Toluene	Ave	1.604	1.561		24.3	25.0	-2.7	20.0
Ethyl methacrylate	Ave	0.7614	0.6924		22.7	25.0	-9.1	50.0
trans-1,3-Dichloropropene	Ave	0.997	0.9226		23.1	25.0	-7.5	50.0
1,1,2-Trichloroethane	Ave	0.4839	0.4503		23.3	25.0	-6.9	50.0
2-Hexanone	Ave	0.3707	0.3398		115	125	-8.3	50.0
Tetrachloroethene	Ave	0.7018	0.6383		22.7	25.0	-9.1	50.0
1,3-Dichloropropane	Ave	1.014	0.9621		23.7	25.0	-5.1	50.0
Dibromochloromethane	Ave	0.6793	0.5866		21.6	25.0	-13.6	50.0
1,2-Dibromoethane	Ave	0.5719	0.5199		22.7	25.0	-9.1	50.0
Chlorobenzene	Ave	1.842	1.751	0.3000	23.8	25.0	-4.9	50.0
Ethylbenzene	Ave	3.165	3.045		24.1	25.0	-3.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6716	0.6065		22.6	25.0	-9.7	50.0
m,p-Xylene	Ave	1.196	1.155		48.3	50.0	-3.4	50.0
o-Xylene	Ave	1.185	1.125		23.7	25.0	-5.1	50.0
Styrene	Ave	1.834	1.734		23.6	25.0	-5.4	50.0
Isopropylbenzene	Ave	3.165	3.189		25.2	25.0	0.7	50.0
Bromoform	Ave	0.4210	0.3350	0.1000	19.9	25.0	-20.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7373	0.7127	0.3000	24.2	25.0	-3.3	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1927	0.1317		85.4	125	-31.7	50.0
N-Propylbenzene	Ave	3.917	4.012		25.6	25.0	2.4	50.0
1,2,3-Trichloropropane	Ave	0.2320	0.2054		22.1	25.0	-11.5	50.0
Bromobenzene	Ave	0.7852	0.7537		24.0	25.0	-4.0	50.0
1,3,5-Trimethylbenzene	Ave	2.624	2.623		25.0	25.0	-0.0	50.0
2-Chlorotoluene	Ave	0.7679	0.7633		24.9	25.0	-0.6	50.0
4-Chlorotoluene	Ave	0.7890	0.7836		24.8	25.0	-0.7	50.0
tert-Butylbenzene	Ave	0.5752	0.5517		24.0	25.0	-4.1	50.0
1,2,4-Trimethylbenzene	Ave	2.666	2.657		24.9	25.0	-0.3	50.0
sec-Butylbenzene	Ave	3.398	3.413		25.1	25.0	0.4	50.0
4-Isopropyltoluene	Ave	2.722	2.692		24.7	25.0	-1.1	50.0
1,3-Dichlorobenzene	Ave	1.472	1.457		24.7	25.0	-1.0	50.0
1,4-Dichlorobenzene	Ave	1.527	1.506		24.7	25.0	-1.4	50.0
n-Butylbenzene	Ave	2.525	2.683		26.6	25.0	6.3	50.0
1,2-Dichlorobenzene	Ave	1.433	1.408		24.6	25.0	-1.8	50.0
1,2-Dibromo-3-Chloropropane	Lin1F		0.1191		22.0	25.0	-12.0	50.0
1,2,4-Trichlorobenzene	Ave	0.9726	0.8994		23.1	25.0	-7.5	50.0
Hexachlorobutadiene	Ave	0.4625	0.3675		19.9	25.0	-20.5	50.0
Naphthalene	Ave	2.250	1.895		21.1	25.0	-15.8	50.0
1,2,3-Trichlorobenzene	Ave	0.8806	0.7773		22.1	25.0	-11.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1962	0.1848		23.5	25.0	-5.8	50.0
Toluene-d8 (Surr)	Ave	2.240	2.168		24.2	25.0	-3.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.7491	0.6319		21.1	25.0	-15.6	50.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C16992.D
 Lims ID: CCVIS Client ID:
 Inject. Date: 17-Jan-2012 22:00:30 Dil. Factor: 1.0000
 Sample Type: CCVIS
 Sample ID: CCVIS
 Misc. Info.: 480-0008937-002
 Operator: CDC Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 1
 Lims Batch ID: 48336 Lims Sample ID: 2
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C-8260.m
 Last Update: 17-Jan-2012 22:41:23 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 22:41:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	520654	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	281073	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	79	260485	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	96220	23.5	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	609381	24.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	177620	21.1	
10 Dichlorodifluoromethane	85	4.536	4.536	0.0	86	182630	23.5	
12 Chloromethane	50	4.939	4.939	0.0	88	231062	29.0	
13 Vinyl chloride	62	5.176	5.176	0.0	84	245417	28.3	
14 Bromomethane	94	5.793	5.793	0.0	91	146849	26.9	
15 Chloroethane	64	5.935	5.935	0.0	93	146075	27.4	
17 Trichlorofluoromethane	101	6.279	6.279	0.0	83	277565	25.6	
20 Acrolein	56	6.825	6.825	0.0	98	258792	463.2	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.860	6.860	0.0	88	164307	29.3	
22 1,1-Dichloroethene	96	6.919	6.919	0.0	85	161191	27.0	
23 Acetone	43	6.979	6.979	0.0	97	216820	111.1	
25 Iodomethane	142	7.157	7.157	0.0	99	205429	27.3	
26 Carbon disulfide	76	7.251	7.251	0.0	100	533399	27.8	
27 Methyl acetate	43	7.275	7.275	0.0	96	170053	21.4	
29 Acetonitrile	40	7.311	7.311	0.0	99	452826	996.7	
30 Methylene Chloride	84	7.441	7.441	0.0	88	185393	27.0	
32 Methyl tert-butyl ether	73	7.631	7.631	0.0	91	483541	24.5	
33 Acrylonitrile	53	7.678	7.678	0.0	98	298493	127.4	
34 trans-1,2-Dichloroethene	96	7.678	7.678	0.0	91	177373	26.4	
37 Vinyl acetate	43	8.022	8.022	0.0	97	1518596	154.5	
39 1,1-Dichloroethane	63	8.082	8.082	0.0	85	349079	27.0	
43 2-Butanone (MEK)	43	8.532	8.532	0.0	100	328279	117.6	
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	72	197589	24.6	
44 2,2-Dichloropropane	77	8.580	8.580	0.0	67	289487	26.4	
48 Chlorobromomethane	128	8.805	8.805	0.0	74	91360	23.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
50 Chloroform	83	8.817	8.817	0.0	82	327487	26.0	
49 Tetrahydrofuran	42	8.817	8.817	0.0	79	222464	124.1	
51 1,1,1-Trichloroethane	97	8.995	8.995	0.0	91	275769	25.5	
52 Cyclohexane	56	9.042	9.042	0.0	92	314480	30.2	
54 1,1-Dichloropropene	75	9.101	9.101	0.0	83	259136	26.5	
55 Carbon tetrachloride	117	9.137	9.137	0.0	70	246967	24.8	
57 Benzene	78	9.303	9.303	0.0	97	721722	25.9	
58 1,2-Dichloroethane	62	9.315	9.315	0.0	62	259403	25.5	
62 Trichloroethene	95	9.777	9.777	0.0	93	186621	25.5	
64 Methylcyclohexane	83	9.920	9.920	0.0	94	295548	27.7	
65 1,2-Dichloropropane	63	9.979	9.979	0.0	70	196641	27.4	
67 Dibromomethane	93	10.109	10.109	0.0	84	111630	23.7	
68 Dichlorobromomethane	83	10.180	10.180	0.0	83	237021	25.1	
69 2-Chloroethyl vinyl ether	63	10.299	10.299	0.0	90	189943	127.3	
72 cis-1,3-Dichloropropene	75	10.501	10.501	0.0	90	285377	24.7	
73 4-Methyl-2-pentanone (MIBK)	43	10.536	10.536	0.0	94	710534	115.9	
74 Toluene	92	10.773	10.773	0.0	93	438841	24.3	
75 Ethyl methacrylate	69	10.833	10.833	0.0	89	194615	22.7	
77 trans-1,3-Dichloropropene	75	10.904	10.904	0.0	82	259311	23.1	
79 1,1,2-Trichloroethane	83	11.094	11.094	0.0	87	126574	23.3	
80 2-Hexanone	43	11.177	11.177	0.0	96	477577	114.6	
81 Tetrachloroethene	166	11.224	11.224	0.0	86	179395	22.7	
82 1,3-Dichloropropane	76	11.236	11.236	0.0	76	270418	23.7	
83 Chlorodibromomethane	129	11.461	11.461	0.0	86	164880	21.6	
84 Ethylene Dibromide	107	11.592	11.592	0.0	97	146122	22.7	
87 Chlorobenzene	112	11.924	11.924	0.0	80	492248	23.8	
88 Ethylbenzene	91	11.936	11.936	0.0	95	855780	24.1	
89 1,1,1,2-Tetrachloroethane	131	11.959	11.959	0.0	57	170462	22.6	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	99	649046	48.3	
91 o-Xylene	106	12.362	12.362	0.0	91	316137	23.7	
92 Styrene	104	12.374	12.374	0.0	88	487368	23.6	
94 Isopropylbenzene	105	12.635	12.635	0.0	97	830600	25.2	
95 Bromoform	173	12.659	12.659	0.0	81	94168	19.9	
97 1,1,2,2-Tetrachloroethane	83	12.920	12.920	0.0	73	185638	24.2	
98 trans-1,4-Dichloro-2-butene	53	12.955	12.955	0.0	93	171461	85.4	
99 N-Propylbenzene	91	12.991	12.991	0.0	99	1045043	25.6	
100 1,2,3-Trichloropropane	110	13.003	13.003	0.0	8	53490	22.1	
101 Bromobenzene	156	13.050	13.050	0.0	52	196331	24.0	
102 1,3,5-Trimethylbenzene	105	13.110	13.110	0.0	69	683335	25.0	
103 2-Chlorotoluene	126	13.157	13.157	0.0	85	198832	24.9	
105 4-Chlorotoluene	126	13.240	13.240	0.0	99	204122	24.8	
106 tert-Butylbenzene	134	13.442	13.442	0.0	92	143700	24.0	
107 1,2,4-Trimethylbenzene	105	13.477	13.477	0.0	98	692228	24.9	
109 sec-Butylbenzene	105	13.643	13.643	0.0	94	888946	25.1	
110 4-Isopropyltoluene	119	13.738	13.738	0.0	94	701271	24.7	
111 1,3-Dichlorobenzene	146	13.880	13.880	0.0	97	379610	24.7	
113 1,4-Dichlorobenzene	146	13.963	13.963	0.0	94	392415	24.7	
115 n-Butylbenzene	91	14.165	14.165	0.0	97	698921	26.6	
116 1,2-Dichlorobenzene	146	14.378	14.378	0.0	94	366787	24.6	
117 1,2-Dibromo-3-Chloropropane	75	15.280	15.280	0.0	57	31034	22.0	
119 1,2,4-Trichlorobenzene	180	16.335	16.335	0.0	89	234268	23.1	
120 Hexachlorobutadiene	225	16.454	16.454	0.0	87	95739	19.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.786	16.786	0.0	97	493561	21.1	
122 1,2,3-Trichlorobenzene	180	17.165	17.165	0.0	91	202474	22.1	
S 123 Total BTEX	1				0		146.3	
S 124 Xylenes, Total	1				0		72.0	
S 125 1,2-Dichloroethene, Total	1				0		50.9	
S 126 1,3-Dichloropropene, Total	1				0		47.8	

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16036.D
 Lims ID: BFB Client ID:
 Inject. Date: 07-Dec-2011 11:42:30 Dil. Factor: 1.0000
 Sample Type: BFB
 Sample ID: BFB
 Misc. Info.: 480-0008025-001
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 55
 Lims Batch ID: 43192 Lims Sample ID: 1
 Detector: MS SCAN

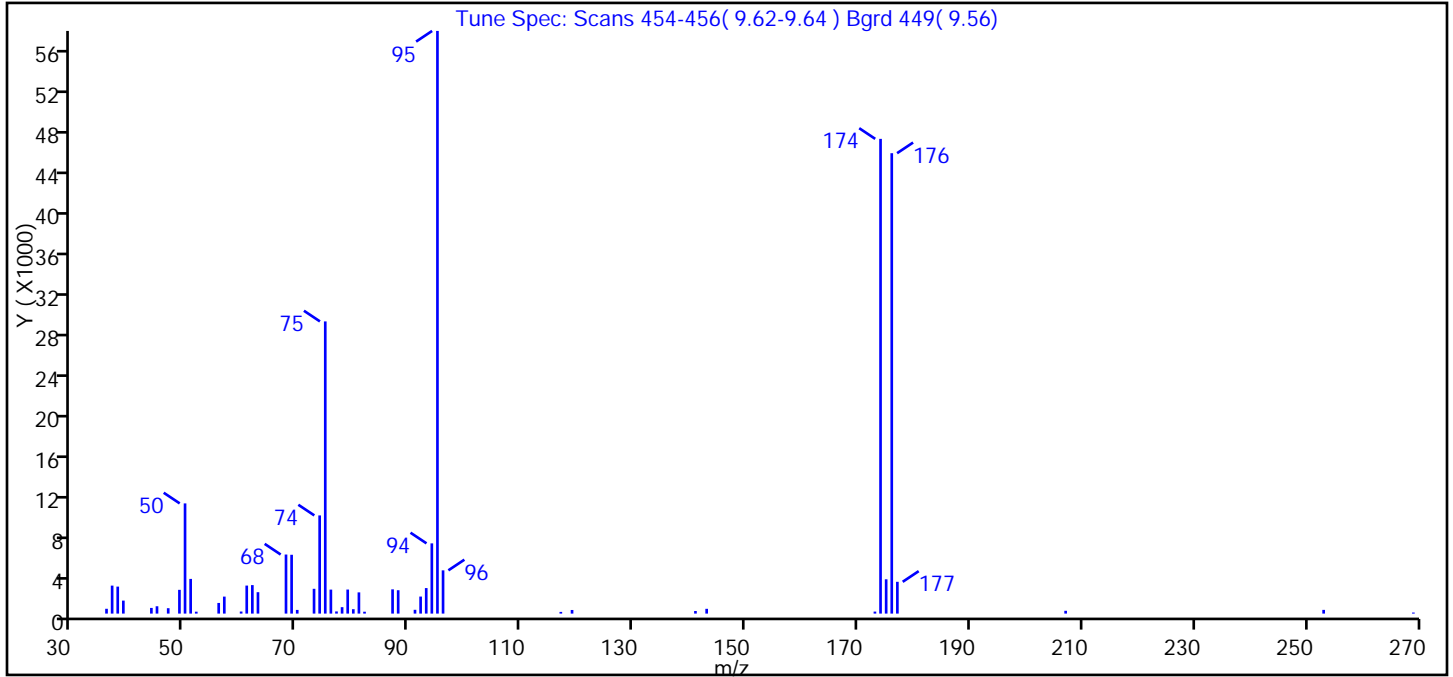
Method: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C-8260.m
 Last Update: 08-Dec-2011 13:56:35 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

First Level Reviewer: HILL Date: 07-Dec-2011 11:52:44

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
\$ 61 BFB	95	9.632	9.632	0.0	0	156524	0	

Data File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16036.D
 Injection Date: 07-Dec-2011 11:42:30 Limit Group: MV - 8260B ICAL
 Client ID: Instrument ID: HP5973C
 Lims Batch ID: 43192 Lims Sample ID: 1
 Operator ID: LH
 Column Type: ZB-624 Column Dia: 0.25 mm
 Tune Method: BFB Method 8260

\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.91
75	30.00 - 60.00% of mass 95	50.15
96	5.00 - 9.00% of mass 95	7.42
173	Less than 2.00% of mass 174	0.34 (0.42)
174	Greater than 50.00% of mass 95	81.48
175	5.00 - 9.00% of mass 174	5.89 (7.23)
176	95.00 - 101.00% of mass 174	79.02 (96.98)
177	5.00 - 9.00% of mass 176	5.46 (6.90)

Data File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16036.D\C-8260.rsl\spectra.d

Injection Date: 07-Dec-2011 11:42:30

Spectrum: Tune Spec: Scans 454-456(9.62-9.64) Bgrd 449(9.56)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 50

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	473	60.00	202	79.00	2362	119.00	355
37.00	2748	61.00	2752	80.00	433	141.00	254
38.00	2650	62.00	2798	81.00	2084	143.00	469
39.00	1276	63.00	2103	82.00	185	173.00	197
44.00	558	68.00	5801	87.00	2381	174.00	46624
45.00	721	69.00	5777	88.00	2296	175.00	3369
47.00	530	70.00	361	91.00	373	176.00	45216
49.00	2334	73.00	2435	92.00	1673	177.00	3122
50.00	10822	74.00	9642	93.00	2506	207.00	275
51.00	3408	75.00	28696	94.00	6897	253.00	365
52.00	188	76.00	2356	95.00	57224	269.00	103
56.00	1046	77.00	212	96.00	4248		
57.00	1669	78.00	631	117.00	167		

TestAmerica Laboratories
Target Compound Quantitation Report

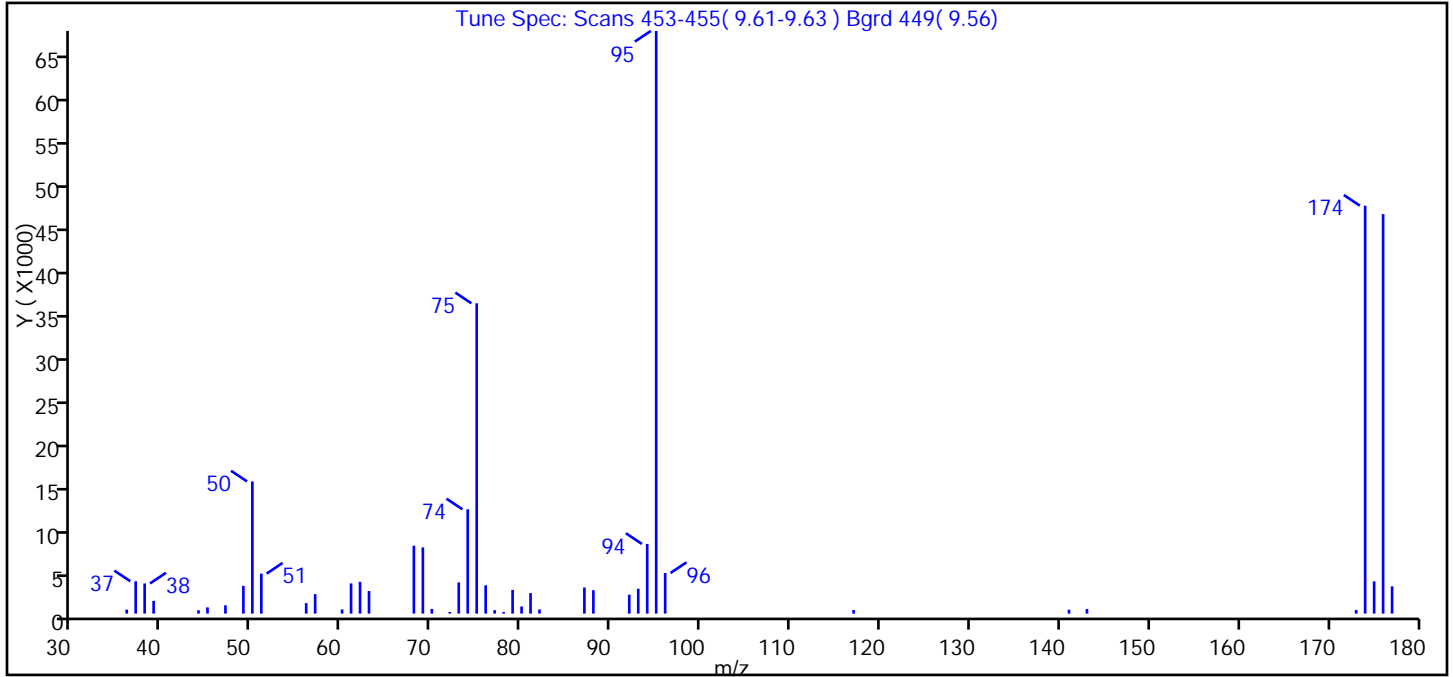
Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16964.D
 Lims ID: BFB Client ID:
 Inject. Date: 17-Jan-2012 09:43:30 Dil. Factor: 1.0000
 Sample Type: BFB
 Sample ID: BFB
 Misc. Info.: 480-0008916-001
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 25
 Lims Batch ID: 48180 Lims Sample ID: 1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 09:52:09 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

First Level Reviewer: HILL Date: 17-Jan-2012 09:52:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
\$ 61 BFB	95	9.621	9.621	0.0	0	190018	0	

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16964.D
 Injection Date: 17-Jan-2012 09:43:30 Limit Group: MV - 8260B ICAL
 Client ID: Instrument ID: HP5973C
 Lims Batch ID: 48180 Lims Sample ID: 1
 Operator ID: LH
 Column Type: ZB-624 Column Dia: 0.25 mm
 Tune Method: BFB Method 8260

\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.68
75	30.00 - 60.00% of mass 95	53.26
96	5.00 - 9.00% of mass 95	6.97
173	Less than 2.00% of mass 174	0.62 (0.89)
174	Greater than 50.00% of mass 95	70.01
175	5.00 - 9.00% of mass 174	5.53 (7.89)
176	95.00 - 101.00% of mass 174	68.56 (97.92)
177	5.00 - 9.00% of mass 176	4.68 (6.83)

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16964.D\C-8260.rsl\spectra.d

Injection Date: 17-Jan-2012 09:43:30

Spectrum: Tune Spec: Scans 453-455(9.61-9.63) Bgrd 449(9.56)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 45

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	463	60.00	483	77.00	400	96.00	4681
37.00	3726	61.00	3480	78.00	181	117.00	414
38.00	3474	62.00	3662	79.00	2735	141.00	448
39.00	1472	63.00	2602	80.00	820	143.00	535
44.00	388	68.00	7828	81.00	2368	173.00	419
45.00	718	69.00	7634	82.00	479	174.00	47032
47.00	961	70.00	539	87.00	3011	175.00	3713
49.00	3202	72.00	190	88.00	2701	176.00	46056
50.00	15238	73.00	3593	92.00	2181	177.00	3145
51.00	4612	74.00	12024	93.00	2870		
56.00	1204	75.00	35776	94.00	8033		
57.00	2248	76.00	3263	95.00	67176		

TestAmerica Laboratories
Target Compound Quantitation Report

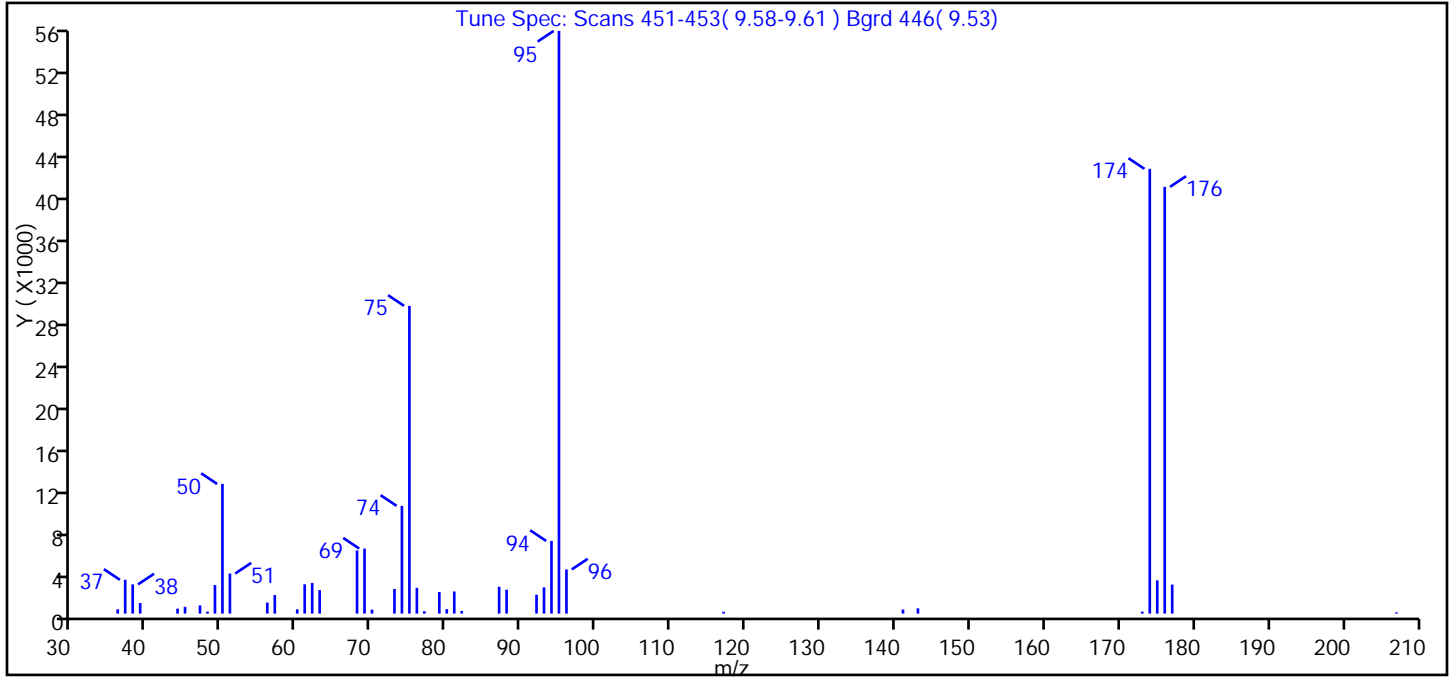
Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C16991.D
 Lims ID: BFB Client ID:
 Inject. Date: 17-Jan-2012 21:31:30 Dil. Factor: 1.0000
 Sample Type: BFB
 Sample ID: BFB
 Misc. Info.: 480-0008937-001
 Operator: CDC Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 1
 Lims Batch ID: 48336 Lims Sample ID: 1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C-8260.m
 Last Update: 17-Jan-2012 21:40:34 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc Date: 17-Jan-2012 21:40:34

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
\$ 61 BFB	95	9.597	9.597	0.0	0	151324	0	

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C16991.D
 Injection Date: 17-Jan-2012 21:31:30 Limit Group: MV - 8260B ICAL
 Client ID: Instrument ID: HP5973C
 Lims Batch ID: 48336 Lims Sample ID: 1
 Operator ID: CDC
 Column Type: ZB-624 Column Dia: 0.25 mm
 Tune Method: BFB Method 8260

\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.26
75	30.00 - 60.00% of mass 95	52.82
96	5.00 - 9.00% of mass 95	7.58
173	Less than 2.00% of mass 174	0.34 (0.44)
174	Greater than 50.00% of mass 95	76.33
175	5.00 - 9.00% of mass 174	5.71 (7.48)
176	95.00 - 101.00% of mass 174	73.24 (95.95)
177	5.00 - 9.00% of mass 176	4.98 (6.80)

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C16991.D\C-8260.rsl\spectra.d

Injection Date: 17-Jan-2012 21:31:30

Spectrum: Tune Spec: Scans 451-453(9.58-9.61) Bgrd 446(9.53)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 45

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	407	57.00	1762	77.00	226	117.00	175
37.00	3213	60.00	405	79.00	2052	141.00	392
38.00	2774	61.00	2782	80.00	424	143.00	498
39.00	1006	62.00	2914	81.00	2103	173.00	186
44.00	471	63.00	2235	82.00	249	174.00	42280
45.00	641	68.00	6002	87.00	2551	175.00	3161
47.00	779	69.00	6182	88.00	2269	176.00	40568
48.00	189	70.00	377	92.00	1797	177.00	2760
49.00	2715	73.00	2341	93.00	2491	207.00	116
50.00	12328	74.00	10243	94.00	6908		
51.00	3810	75.00	29256	95.00	55392		
56.00	1049	76.00	2450	96.00	4199		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-48180/5
 Matrix: Water Lab File ID: C16968.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 11:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-48180/5
 Matrix: Water Lab File ID: C16968.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 11:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	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
2037-26-5	Toluene-d8 (Surr)	95		71-126
460-00-4	4-Bromofluorobenzene (Surr)	81		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16968.D
 Lims ID: MB Client ID:
 Inject. Date: 17-Jan-2012 11:38:30 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: MB
 Misc. Info.: 480-0008916-005
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 29
 Lims Batch ID: 48180 Lims Sample ID: 5
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 12:20:59 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

First Level Reviewer: HILL

Date: 17-Jan-2012 12:20:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	528476	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	282515	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.940	-0.012	97	244745	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.256	0.0	0	99630	24.0	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	599125	23.7	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	171965	20.3	
10 Dichlorodifluoromethane	85		4.548					
11 Chlorodifluoromethane	51		4.571					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62		5.188					
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
16 Dichlorofluoromethane	67		6.208					
17 Trichlorofluoromethane	101		6.291					
18 Ethyl ether	59		6.587					
19 Propene oxide	58		6.730					
20 Acrolein	56		6.824					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96		6.931					
23 Acetone	43		6.979					
24 Isopropyl alcohol	45		7.074					
25 Iodomethane	142		7.168					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
28 3-Chloro-1-propene	41		7.299					
29 Acetonitrile	40		7.311					
30 Methylene Chloride	84		7.441					
31 2-Methyl-2-propanol	59		7.477					
32 Methyl tert-butyl ether	73		7.631					
33 Acrylonitrile	53		7.678					
34 trans-1,2-Dichloroethene	96		7.690					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
35 Hexane	57		7.844					
36 Isopropyl ether	45		7.999					
37 Vinyl acetate	43		8.022					
39 1,1-Dichloroethane	63		8.081					
38 1,1-Dimethoxyethane	75		8.082					
40 2-Chloro-1,3-butadiene	53		8.141					
41 Tert-butyl ethyl ether	59		8.307					
42 Ethyl acetate	43		8.508					
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96		8.580					
44 2,2-Dichloropropane	77		8.580					
46 Propionitrile	54		8.639					
47 Methacrylonitrile	41		8.746					
48 Chlorobromomethane	128		8.805					
50 Chloroform	83		8.817					
49 Tetrahydrofuran	42		8.829					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
53 Isobutyl alcohol	43		9.066					
54 1,1-Dichloropropene	75		9.113					
55 Carbon tetrachloride	117		9.137					
56 Tert-amyl methyl ether	73		9.267					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
59 n-Heptane	43		9.327					
60 n-Butanol	56		9.576					
62 Trichloroethene	95		9.777					
63 Methyl methacrylate	41		9.908					
64 Methylcyclohexane	83		9.931					
65 1,2-Dichloropropane	63		9.979					
66 1,4-Dioxane	88		10.050					
67 Dibromomethane	93		10.109					
68 Dichlorobromomethane	83		10.180					
69 2-Chloroethyl vinyl ether	63		10.299					
70 2-Nitropropane	43		10.335					
71 Epichlorohydrin	57		10.441					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
75 Ethyl methacrylate	69		10.833					
76 2-Methylthiophene	97		10.892					
77 trans-1,3-Dichloropropene	75		10.904					
78 3-Methylthiophene	97		11.022					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
82 1,3-Dichloropropane	76		11.236					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
85 3-Chlorobenzotrifluoride	180		11.734					
86 4-Chlorobenzotrifluoride	180		11.781					
87 Chlorobenzene	112		11.924					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
88 Ethylbenzene	91		11.935					
89 1,1,1,2-Tetrachloroethane	131		11.959					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
93 2-Chlorobenzotrifluoride	180		12.540					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
96 Cyclohexanone	55		12.849					
97 1,1,2,2-Tetrachloroethane	83		12.920					
98 trans-1,4-Dichloro-2-butene	53		12.955					
99 N-Propylbenzene	91		12.991					
100 1,2,3-Trichloropropane	110		13.015					
101 Bromobenzene	156		13.050					
102 1,3,5-Trimethylbenzene	105		13.109					
103 2-Chlorotoluene	126		13.157					
104 3-Chlorotoluene	126		13.204					
105 4-Chlorotoluene	126		13.252					
106 tert-Butylbenzene	134		13.442					
107 1,2,4-Trimethylbenzene	105		13.477					
108 Pentachloroethane	167		13.572					
109 sec-Butylbenzene	105		13.643					
110 4-Isopropyltoluene	119		13.738					
111 1,3-Dichlorobenzene	146		13.880					
112 1,2,3-Trimethylbenzene	105		13.928					
113 1,4-Dichlorobenzene	146		13.963					
114 Dicyclopentadiene	66		13.928					
115 n-Butylbenzene	91		14.165					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
118 1,3,5-Trichlorobenzene	180		15.469					
119 1,2,4-Trichlorobenzene	180		16.335					
120 Hexachlorobutadiene	225		16.454					
121 Naphthalene	128		16.786					
122 1,2,3-Trichlorobenzene	180		17.165					
S 123 Total BTEX	1		30.000					7
S 124 Xylenes, Total	1		30.000					7
S 125 1,2-Dichloroethene, Total	1		30.000					7
S 126 1,3-Dichloropropene, Total	1		30.000					7
T 127 Ethanol TIC	45		0.000					1
T 128 Hexachloroethane TIC	117		0.000					1
T 9 bis(2-chloromethyl)ether TIC	1		0.000					1
T 8 t-Amyl alcohol	59		0.000					1
T 7 Ethylene oxide	1		0.000					1

QC Flag Legend

Processing Flags

1 - Missing Peaks

7 - Failed Limit of Detection

Report Date: 17-Jan-2012 12:20:59

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16968.D

Injection Date: 17-Jan-2012 11:38:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973C

Lims Batch ID: 48180

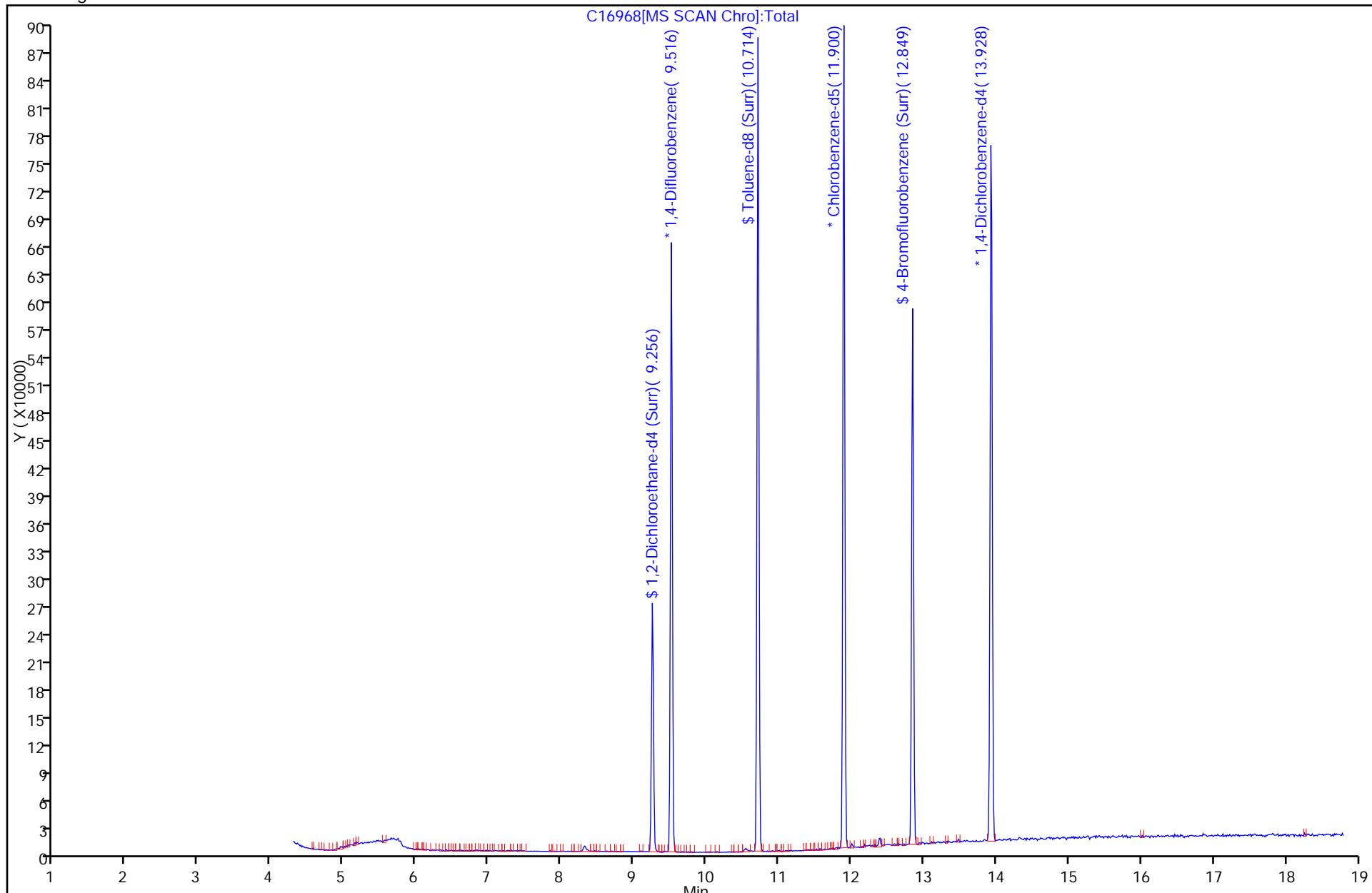
Lims Sample ID: 5

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-48336/5
 Matrix: Water Lab File ID: C16995.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 23:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48336 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-14998-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-48336/5
 Matrix: Water Lab File ID: C16995.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 23:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48336 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	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
2037-26-5	Toluene-d8 (Surr)	95		71-126
460-00-4	4-Bromofluorobenzene (Surr)	82		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C16995.D
 Lims ID: MB Client ID:
 Inject. Date: 17-Jan-2012 23:34:30 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: MB
 Misc. Info.: 480-0008937-005
 Operator: CDC Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 4
 Lims Batch ID: 48336 Lims Sample ID: 5
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C-8260.m
 Last Update: 18-Jan-2012 00:06:57 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 18-Jan-2012 00:06:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	96	523967	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	281627	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.940	-0.012	97	242970	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	96122	23.4	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	597271	23.7	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	174028	20.6	
10 Dichlorodifluoromethane	85		4.536					
11 Chlorodifluoromethane	51		4.571					
12 Chloromethane	50		4.939					
13 Vinyl chloride	62		5.176					
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
16 Dichlorofluoromethane	67		6.208					
17 Trichlorofluoromethane	101		6.279					
18 Ethyl ether	59		6.587					
19 Propene oxide	58		6.730					
20 Acrolein	56		6.825					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.860					
22 1,1-Dichloroethene	96		6.919					
23 Acetone	43		6.979					
24 Isopropyl alcohol	45		7.074					
25 Iodomethane	142		7.157					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
28 3-Chloro-1-propene	41		7.299					
29 Acetonitrile	40		7.311					
30 Methylene Chloride	84		7.441					
31 2-Methyl-2-propanol	59		7.477					
32 Methyl tert-butyl ether	73		7.631					
33 Acrylonitrile	53		7.678					
34 trans-1,2-Dichloroethene	96		7.678					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
35 Hexane	57		7.844					
36 Isopropyl ether	45		7.998					
37 Vinyl acetate	43		8.022					
39 1,1-Dichloroethane	63		8.082					
38 1,1-Dimethoxyethane	75		8.093					
40 2-Chloro-1,3-butadiene	53		8.141					
41 Tert-butyl ethyl ether	59		8.307					
42 Ethyl acetate	43		8.508					
43 2-Butanone (MEK)	43		8.532					
45 cis-1,2-Dichloroethene	96		8.580					
44 2,2-Dichloropropane	77		8.580					
46 Propionitrile	54		8.639					
47 Methacrylonitrile	41		8.746					
48 Chlorobromomethane	128		8.805					
50 Chloroform	83		8.817					
49 Tetrahydrofuran	42		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
53 Isobutyl alcohol	43		9.066					
54 1,1-Dichloropropene	75		9.101					
55 Carbon tetrachloride	117		9.137					
56 Tert-amyl methyl ether	73		9.267					
57 Benzene	78		9.303					
58 1,2-Dichloroethane	62		9.315					
59 n-Heptane	43		9.327					
60 n-Butanol	56		9.576					
62 Trichloroethene	95		9.777					
63 Methyl methacrylate	41		9.908					
64 Methylcyclohexane	83		9.920					
65 1,2-Dichloropropane	63		9.979					
66 1,4-Dioxane	88		10.062					
67 Dibromomethane	93		10.109					
68 Dichlorobromomethane	83		10.180					
69 2-Chloroethyl vinyl ether	63		10.299					
70 2-Nitropropane	43		10.335					
71 Epichlorohydrin	57		10.441					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92		10.773					
75 Ethyl methacrylate	69		10.833					
76 2-Methylthiophene	97		10.892					
77 trans-1,3-Dichloropropene	75		10.904					
78 3-Methylthiophene	97		11.022					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166		11.224					
82 1,3-Dichloropropane	76		11.236					
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
85 3-Chlorobenzotrifluoride	180		11.734					
86 4-Chlorobenzotrifluoride	180		11.781					
87 Chlorobenzene	112		11.924					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
88 Ethylbenzene	91		11.936					
89 1,1,1,2-Tetrachloroethane	131		11.959					
90 m-Xylene & p-Xylene	106		12.007					
91 o-Xylene	106		12.362					
92 Styrene	104		12.374					
93 2-Chlorobenzotrifluoride	180		12.540					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
96 Cyclohexanone	55		12.849					
97 1,1,2,2-Tetrachloroethane	83		12.920					
98 trans-1,4-Dichloro-2-butene	53		12.955					
99 N-Propylbenzene	91		12.991					
100 1,2,3-Trichloropropane	110		13.003					
101 Bromobenzene	156		13.050					
102 1,3,5-Trimethylbenzene	105		13.110					
103 2-Chlorotoluene	126		13.157					
104 3-Chlorotoluene	126		13.204					
105 4-Chlorotoluene	126		13.240					
106 tert-Butylbenzene	134		13.442					
107 1,2,4-Trimethylbenzene	105		13.477					
108 Pentachloroethane	167		13.572					
109 sec-Butylbenzene	105		13.643					
110 4-Isopropyltoluene	119		13.738					
111 1,3-Dichlorobenzene	146		13.880					
112 1,2,3-Trimethylbenzene	105		13.928					
114 Dicyclopentadiene	66		13.928					
113 1,4-Dichlorobenzene	146		13.963					
115 n-Butylbenzene	91		14.165					
116 1,2-Dichlorobenzene	146		14.378					
117 1,2-Dibromo-3-Chloropropane	75		15.280					
118 1,3,5-Trichlorobenzene	180		15.469					
119 1,2,4-Trichlorobenzene	180		16.335					
120 Hexachlorobutadiene	225		16.454					
121 Naphthalene	128		16.786					
122 1,2,3-Trichlorobenzene	180		17.165					
S 123 Total BTEX	1		30.000					7
S 124 Xylenes, Total	1		30.000					7
S 125 1,2-Dichloroethene, Total	1		30.000					7
S 126 1,3-Dichloropropene, Total	1		30.000					7
T 127 Ethanol TIC	45		0.000					1
T 128 Hexachloroethane TIC	117		0.000					1
T 9 bis(2-chloromethyl)ether TIC	1		0.000					1
T 8 t-Amyl alcohol	59		0.000					1
T 7 Ethylene oxide	1		0.000					1

QC Flag Legend

Processing Flags

1 - Missing Peaks

7 - Failed Limit of Detection

Report Date: 18-Jan-2012 00:06:57

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C16995.D

Injection Date: 17-Jan-2012 23:34:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973C

Lims Batch ID: 48336

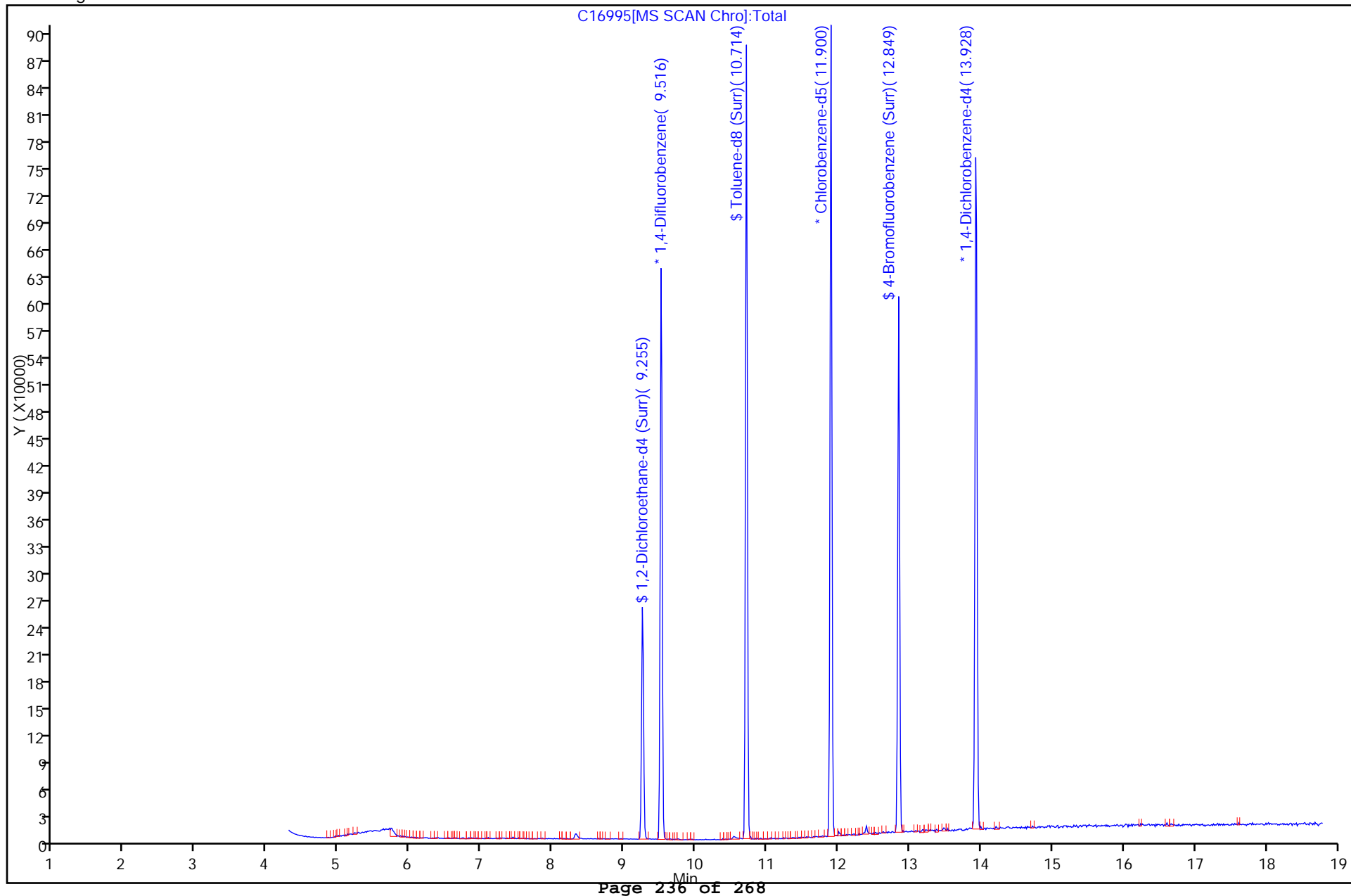
Lims Sample ID: 5

Operator ID: CDC

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-48180/4
 Matrix: Water Lab File ID: C16969.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 12:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	23.9		1.0	0.38
75-35-4	1,1-Dichloroethene	22.6		1.0	0.29
95-50-1	1,2-Dichlorobenzene	22.4		1.0	0.79
107-06-2	1,2-Dichloroethane	23.9		1.0	0.21
71-43-2	Benzene	22.9		1.0	0.41
108-90-7	Chlorobenzene	22.1		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	21.3		1.0	0.81
100-41-4	Ethylbenzene	21.8		1.0	0.74
1634-04-4	Methyl tert-butyl ether	22.8		1.0	0.16
127-18-4	Tetrachloroethene	20.3		1.0	0.36
108-88-3	Toluene	21.9		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	23.1		1.0	0.90
79-01-6	Trichloroethene	22.0		1.0	0.46
1330-20-7	Xylenes, Total	65.2		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		66-137
2037-26-5	Toluene-d8 (Surr)	95		71-126
460-00-4	4-Bromofluorobenzene (Surr)	86		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

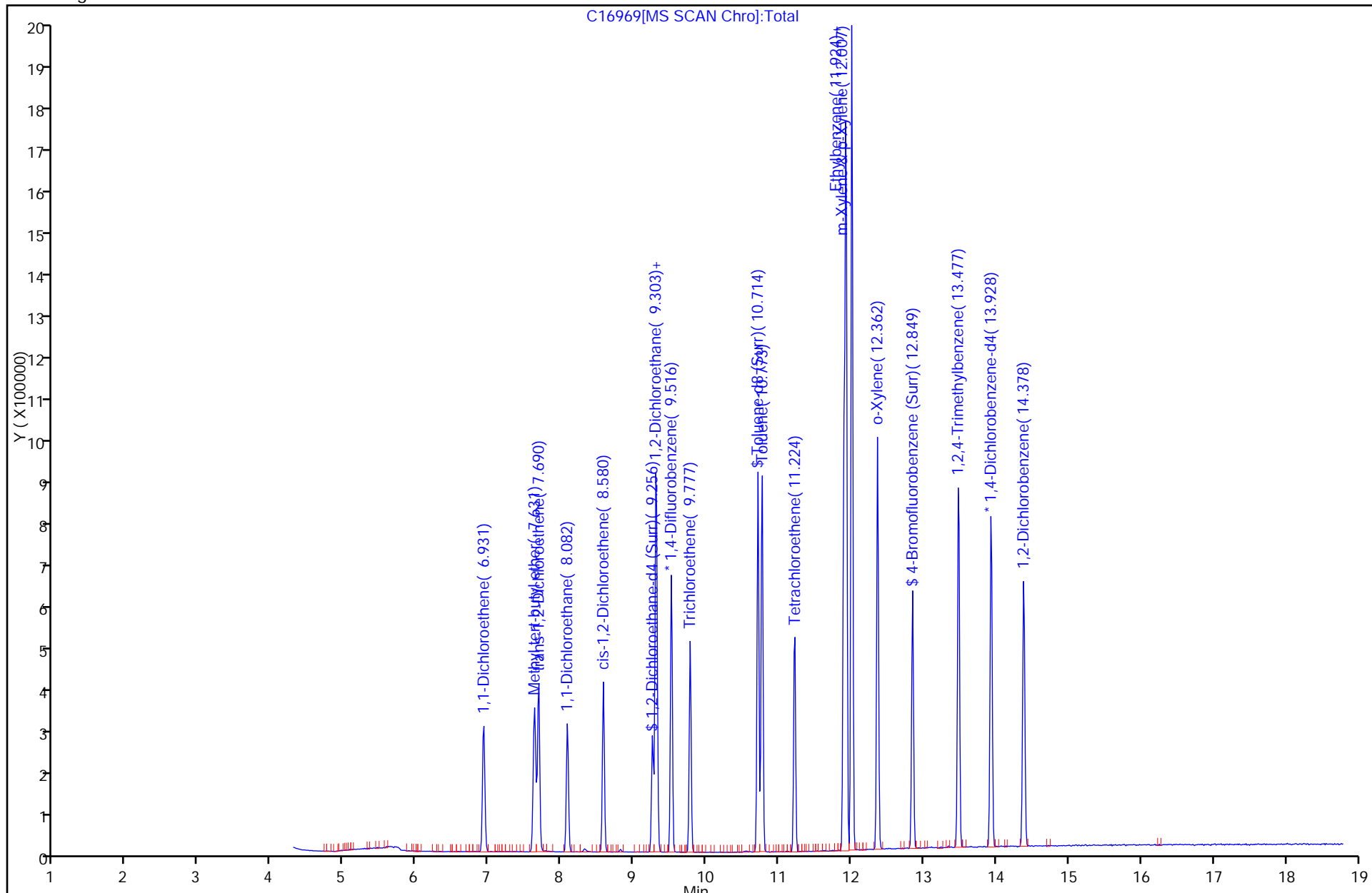
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 Lims ID: LCS Client ID:
 Inject. Date: 17-Jan-2012 12:03:30 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: LCS
 Misc. Info.: 480-0008916-004
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 30
 Lims Batch ID: 48180 Lims Sample ID: 4
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 12:21:31 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

First Level Reviewer: HILL

Date: 17-Jan-2012 12:21:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	527295	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	280344	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.940	-0.012	97	250197	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.256	0.0	0	99399	24.0	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	598386	23.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	85	179854	21.4	
22 1,1-Dichloroethene	96	6.931	6.931	0.0	87	136634	22.6	
32 Methyl tert-butyl ether	73	7.631	7.631	0.0	91	455783	22.8	
34 trans-1,2-Dichloroethene	96	7.690	7.690	0.0	94	157296	23.1	
39 1,1-Dichloroethane	63	8.082	8.081	0.001	85	313428	23.9	
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	70	173916	21.3	
57 Benzene	78	9.303	9.303	0.0	95	645588	22.9	
58 1,2-Dichloroethane	62	9.315	9.315	0.0	58	246922	23.9	
62 Trichloroethene	95	9.777	9.777	0.0	93	163114	22.0	
74 Toluene	92	10.773	10.773	0.0	92	394440	21.9	
81 Tetrachloroethene	166	11.224	11.224	0.0	91	159759	20.3	
87 Chlorobenzene	112	11.924	11.924	0.0	81	456015	22.1	
88 Ethylbenzene	91	11.936	11.935	0.001	95	773760	21.8	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	99	587993	43.9	
91 o-Xylene	106	12.362	12.362	0.0	98	282631	21.3	
107 1,2,4-Trimethylbenzene	105	13.477	13.477	0.0	98	587537	22.0	
116 1,2-Dichlorobenzene	146	14.378	14.378	0.0	94	321871	22.4	
S 124 Xylenes, Total	1				0		65.1	
S 125 1,2-Dichloroethene, Total	1				0		44.4	



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-48336/4
 Matrix: Water Lab File ID: C16994.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 23:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48336 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	26.4		1.0	0.38
75-35-4	1,1-Dichloroethene	26.0		1.0	0.29
95-50-1	1,2-Dichlorobenzene	24.4		1.0	0.79
107-06-2	1,2-Dichloroethane	25.2		1.0	0.21
71-43-2	Benzene	25.5		1.0	0.41
108-90-7	Chlorobenzene	23.7		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	23.2		1.0	0.81
100-41-4	Ethylbenzene	23.8		1.0	0.74
1634-04-4	Methyl tert-butyl ether	23.9		1.0	0.16
127-18-4	Tetrachloroethene	22.5		1.0	0.36
108-88-3	Toluene	24.0		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	26.0		1.0	0.90
79-01-6	Trichloroethene	24.7		1.0	0.46
1330-20-7	Xylenes, Total	71.6		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		66-137
2037-26-5	Toluene-d8 (Surr)	96		71-126
460-00-4	4-Bromofluorobenzene (Surr)	82		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C16994.D
 Lims ID: LCS Client ID:
 Inject. Date: 17-Jan-2012 23:09:30 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: LCS
 Misc. Info.: 480-0008937-004
 Operator: CDC Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 3
 Lims Batch ID: 48336 Lims Sample ID: 4
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C-8260.m
 Last Update: 17-Jan-2012 23:43:04 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 23:43:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.517	9.516	0.001	96	523390	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	282465	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.940	13.940	0.0	95	252341	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	95641	23.3	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	605499	23.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	84	174206	20.6	
22 1,1-Dichloroethene	96	6.931	6.919	0.012	87	155749	26.0	
32 Methyl tert-butyl ether	73	7.631	7.631	0.0	91	472985	23.9	
34 trans-1,2-Dichloroethene	96	7.690	7.678	0.012	93	175608	26.0	
39 1,1-Dichloroethane	63	8.082	8.082	0.0	85	343787	26.4	
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	71	187814	23.2	
57 Benzene	78	9.303	9.303	0.0	95	714264	25.5	
58 1,2-Dichloroethane	62	9.315	9.315	0.0	57	258108	25.2	
62 Trichloroethene	95	9.778	9.777	0.001	94	182240	24.7	
74 Toluene	92	10.774	10.773	0.001	93	435374	24.0	
81 Tetrachloroethene	166	11.224	11.224	0.0	90	178204	22.5	
87 Chlorobenzene	112	11.924	11.924	0.0	82	494018	23.7	
88 Ethylbenzene	91	11.936	11.936	0.0	95	850643	23.8	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	98	651767	48.2	
91 o-Xylene	106	12.363	12.362	0.001	98	314060	23.4	
107 1,2,4-Trimethylbenzene	105	13.477	13.477	0.0	98	660369	24.5	
116 1,2-Dichlorobenzene	146	14.379	14.378	0.001	93	352898	24.4	
S 124 Xylenes, Total	1				0		71.7	
S 125 1,2-Dichloroethene, Total	1				0		49.2	

Report Date: 17-Jan-2012 23:43:04

Chrom Revision: 2.0 01-Sep-2011 14:10:00

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C16994.D

Injection Date: 17-Jan-2012 23:09:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973C

Lims Batch ID: 48336

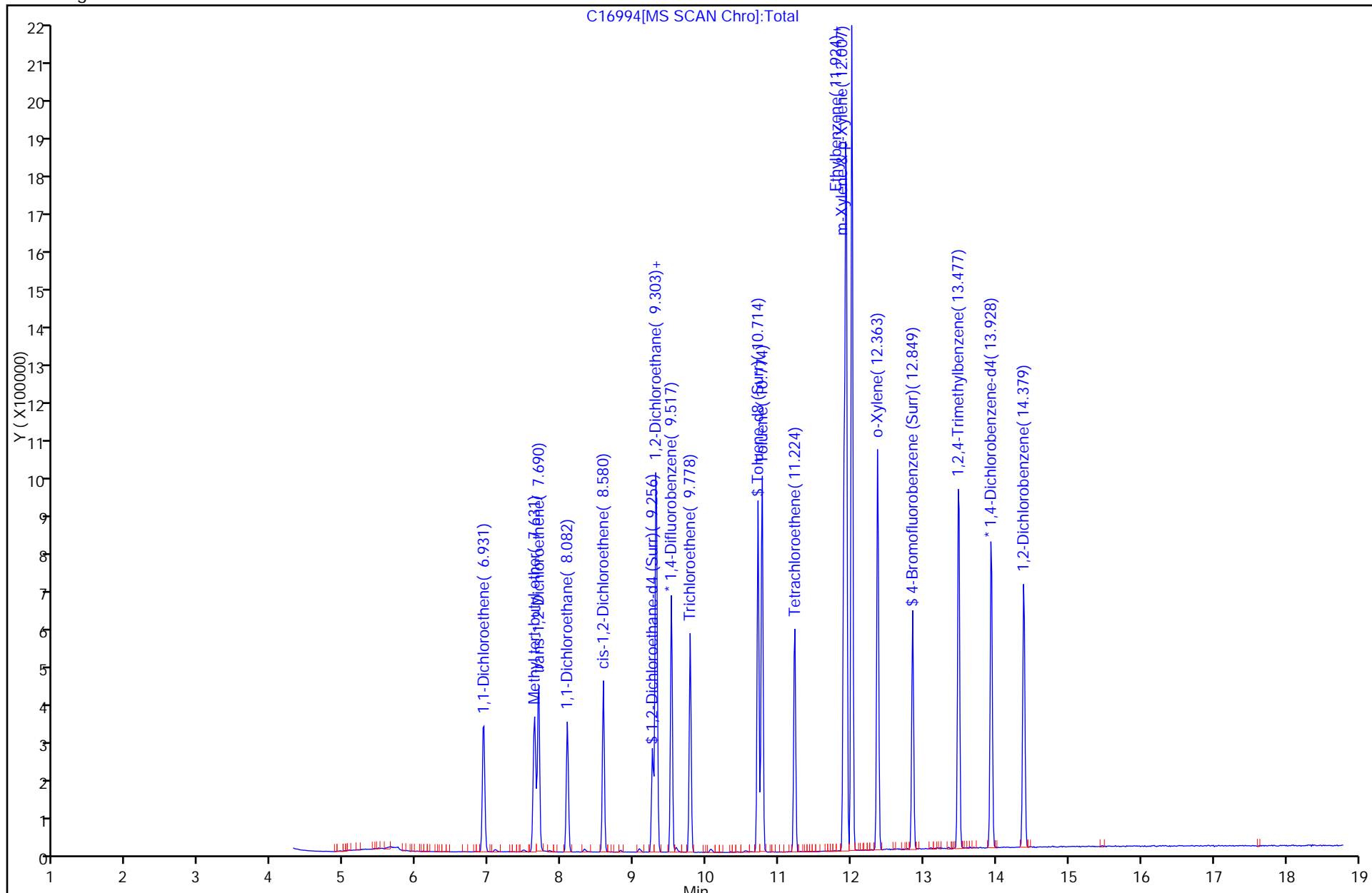
Lims Sample ID: 4

Operator ID: CDC

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R MS Lab Sample ID: 480-14998-4 MS
 Matrix: Ground Water Lab File ID: C16989.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 20:37
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		800	660
79-34-5	1,1,2,2-Tetrachloroethane	ND		800	170
79-00-5	1,1,2-Trichloroethane	ND		800	180
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250
75-34-3	1,1-Dichloroethane	21900		800	300
75-35-4	1,1-Dichloroethene	21400		800	230
120-82-1	1,2,4-Trichlorobenzene	ND		800	330
96-12-8	1,2-Dibromo-3-Chloropropane	ND		800	310
106-93-4	1,2-Dibromoethane	ND		800	580
95-50-1	1,2-Dichlorobenzene	19000		800	630
107-06-2	1,2-Dichloroethane	20000		800	170
78-87-5	1,2-Dichloropropane	ND		800	580
541-73-1	1,3-Dichlorobenzene	ND		800	620
106-46-7	1,4-Dichlorobenzene	ND		800	670
591-78-6	2-Hexanone	ND		4000	990
78-93-3	2-Butanone (MEK)	ND		8000	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		4000	1700
67-64-1	Acetone	ND		8000	2400
71-43-2	Benzene	20500		800	330
75-27-4	Bromodichloromethane	ND		800	310
75-25-2	Bromoform	ND		800	210
74-83-9	Bromomethane	ND		800	550
75-15-0	Carbon disulfide	ND		800	150
56-23-5	Carbon tetrachloride	ND		800	220
108-90-7	Chlorobenzene	18700		800	600
124-48-1	Dibromochloromethane	ND		800	260
75-00-3	Chloroethane	ND		800	260
67-66-3	Chloroform	ND		800	270
74-87-3	Chloromethane	ND		800	280
156-59-2	cis-1,2-Dichloroethene	78700		800	650
10061-01-5	cis-1,3-Dichloropropene	ND		800	290
110-82-7	Cyclohexane	ND		800	140
75-71-8	Dichlorodifluoromethane	ND		800	540
100-41-4	Ethylbenzene	19000		800	590
98-82-8	Isopropylbenzene	ND		800	630

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R MS Lab Sample ID: 480-14998-4 MS
 Matrix: Ground Water Lab File ID: C16989.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 20:37
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		800	400
1634-04-4	Methyl tert-butyl ether	19000		800	130
108-87-2	Methylcyclohexane	ND		800	130
75-09-2	Methylene Chloride	ND		800	350
100-42-5	Styrene	ND		800	580
127-18-4	Tetrachloroethene	17500		800	290
108-88-3	Toluene	19200		800	410
156-60-5	trans-1,2-Dichloroethene	21200		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	138000		800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	2700		800	720
1330-20-7	Xylenes, Total	56400		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		66-137
2037-26-5	Toluene-d8 (Surr)	94		71-126
460-00-4	4-Bromofluorobenzene (Surr)	83		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16989.D
 Lims ID: 480-14998-A-4 MS Client ID:
 Inject. Date: 17-Jan-2012 20:37:30 Dil. Factor: 800.0000
 Sample Type: MS
 Sample ID: 480-14998-A-4 MS
 Misc. Info.: 480-0008916-022
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 50
 Lims Batch ID: 48180 Lims Sample ID: 22
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 22:43:59

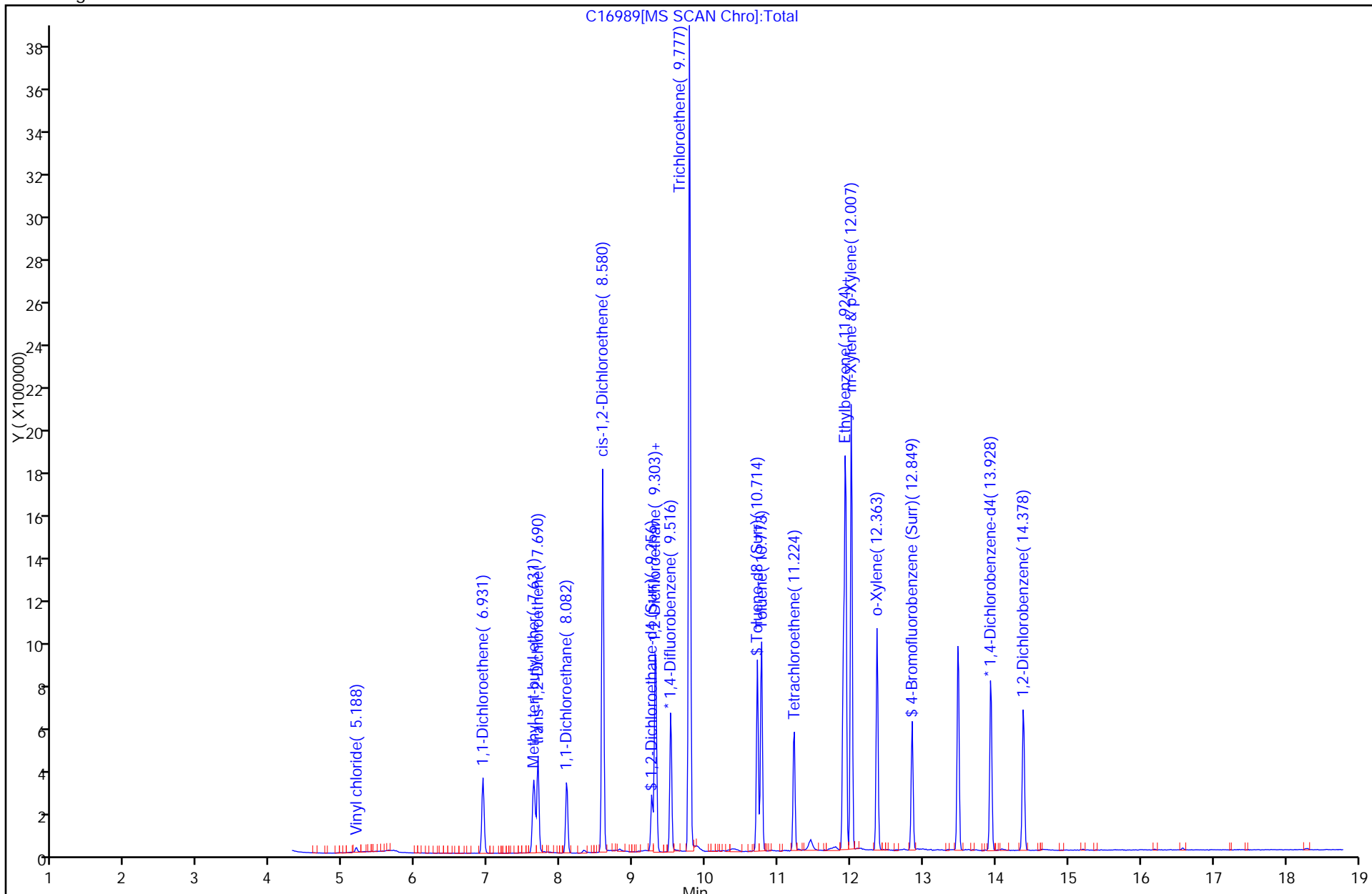
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	96	515483	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	281130	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	97	251595	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	99795	24.7	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	591574	23.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	85	174475	20.7	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62	5.188	5.188	0.0	62	28984	3.38	
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96	6.931	6.931	0.0	88	158383	26.8	
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73	7.631	7.631	0.0	91	463029	23.7	
34 trans-1,2-Dichloroethene	96	7.690	7.690	0.0	93	176591	26.5	
39 1,1-Dichloroethane	63	8.082	8.081	0.001	85	351441	27.4	
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	71	783871	98.4	
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78	9.303	9.303	0.0	96	706405	25.6	
58 1,2-Dichloroethane	62	9.315	9.315	0.0	54	251841	25.0	
62 Trichloroethene	95	9.777	9.777	0.0	93	1255422	173.0	E
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92	10.773	10.773	0.0	92	433044	24.0	
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166	11.224	11.224	0.0	90	172939	21.9	
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112	11.924	11.924	0.0	81	484185	23.4	
88 Ethylbenzene	91	11.936	11.935	0.001	95	841997	23.7	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	98	637474	47.4	
91 o-Xylene	106	12.363	12.362	0.001	98	308099	23.1	
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146	14.378	14.378	0.0	94	343974	23.8	
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1				0		70.5	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R MS DL Lab Sample ID: 480-14998-4 MS DL
 Matrix: Ground Water Lab File ID: C17014.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/18/2012 07:56
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48336 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2000	1600
79-34-5	1,1,2,2-Tetrachloroethane	ND		2000	420
79-00-5	1,1,2-Trichloroethane	ND		2000	460
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1540	J	2000	620
75-34-3	1,1-Dichloroethane	53200		2000	760
75-35-4	1,1-Dichloroethene	52000		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	48000		2000	1600
107-06-2	1,2-Dichloroethane	50400		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
591-78-6	2-Hexanone	ND		10000	2500
78-93-3	2-Butanone (MEK)	ND		20000	2600
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10000	4200
67-64-1	Acetone	ND		20000	6000
71-43-2	Benzene	50600		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	47800		2000	1500
124-48-1	Dibromochloromethane	ND		2000	640
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	94800		2000	1600
10061-01-5	cis-1,3-Dichloropropene	ND		2000	720
110-82-7	Cyclohexane	ND		2000	360
75-71-8	Dichlorodifluoromethane	ND		2000	1400
100-41-4	Ethylbenzene	48000		2000	1500
98-82-8	Isopropylbenzene	ND		2000	1600

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R MS DL Lab Sample ID: 480-14998-4 MS DL
 Matrix: Ground Water Lab File ID: C17014.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/18/2012 07:56
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48336 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2000	1000
1634-04-4	Methyl tert-butyl ether	47800		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	45000		2000	720
108-88-3	Toluene	49000		2000	1000
156-60-5	trans-1,2-Dichloroethene	52200		2000	1800
10061-02-6	trans-1,3-Dichloropropene	ND		2000	740
79-01-6	Trichloroethene	142000		2000	920
75-69-4	Trichlorofluoromethane	ND		2000	1800
75-01-4	Vinyl chloride	2280		2000	1800
1330-20-7	Xylenes, Total	143000		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		66-137
2037-26-5	Toluene-d8 (Surr)	96		71-126
460-00-4	4-Bromofluorobenzene (Surr)	84		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C17014.D
 Lims ID: 480-14998-B-4 MS Client ID:
 Inject. Date: 18-Jan-2012 07:56:30 Dil. Factor: 2000.0000
 Sample Type: MS
 Sample ID: 480-14998-B-4 MS
 Misc. Info.: 480-0008937-025
 Operator: CDC Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 19
 Lims Batch ID: 48336 Lims Sample ID: 25
 Detector: MS SCAN

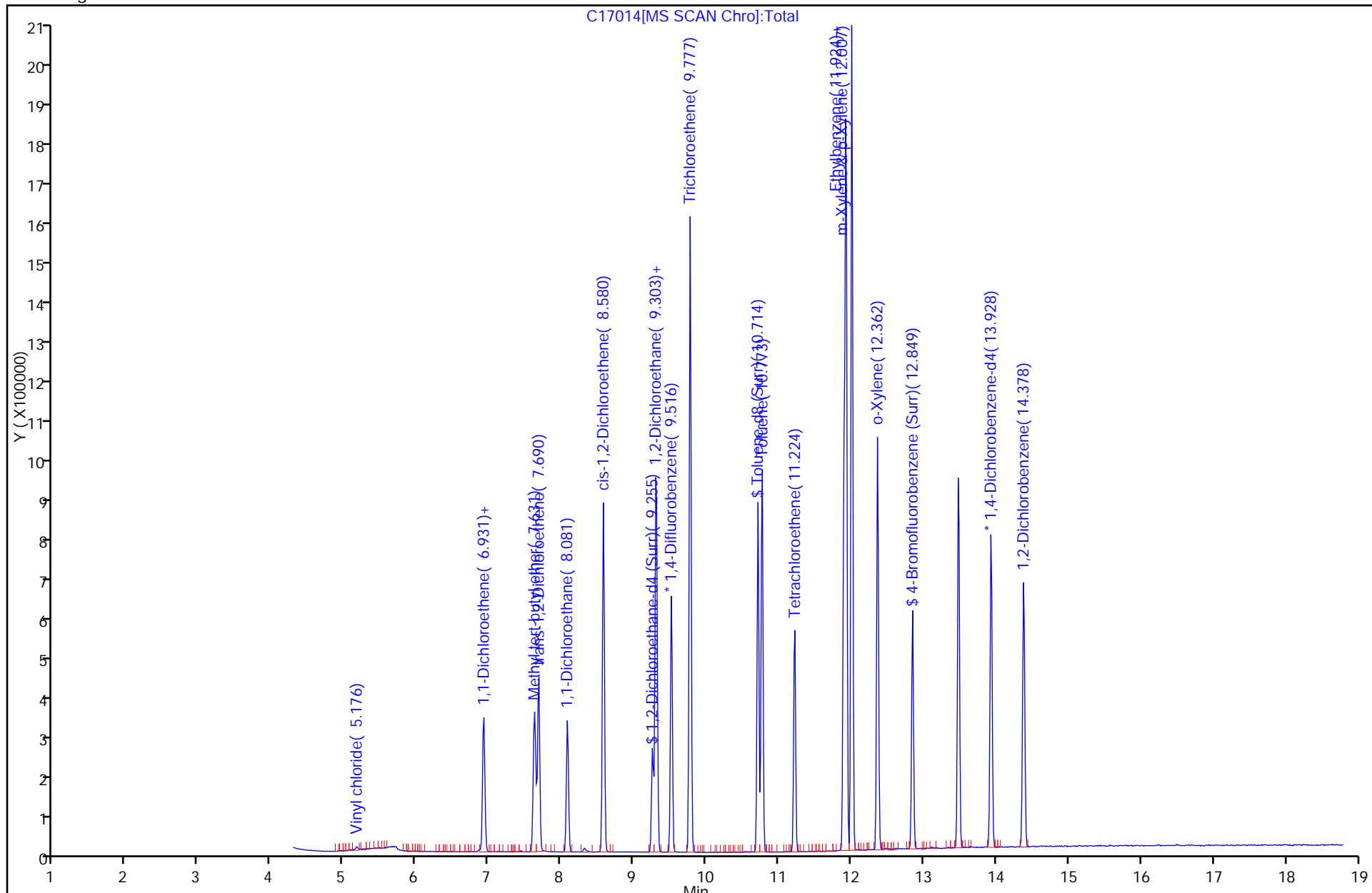
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 Last Update: 18-Jan-2012 00:06:57 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

First Level Reviewer: coderd

Date: 18-Jan-2012 11:25:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	520866	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	276308	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.940	-0.012	97	250393	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	95239	23.3	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	593903	24.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	85	174404	21.1	
10 Dichlorodifluoromethane	85		4.536					
12 Chloromethane	50		4.939					
13 Vinyl chloride	62	5.176	5.176	0.0	22	9913	1.14	
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.279					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.872	6.860	0.012	14	4325	0.7699	
22 1,1-Dichloroethene	96	6.931	6.919	0.012	88	155414	26.0	
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73	7.631	7.631	0.0	92	471190	23.9	
34 trans-1,2-Dichloroethene	96	7.690	7.678	0.012	93	175693	26.1	
39 1,1-Dichloroethane	63	8.081	8.082	-0.001	86	344331	26.6	
43 2-Butanone (MEK)	43		8.532					
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	71	381464	47.4	
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78	9.303	9.303	0.0	95	703981	25.3	
58 1,2-Dichloroethane	62	9.315	9.315	0.0	57	256624	25.2	
62 Trichloroethene	95	9.777	9.777	0.0	93	519699	70.9	
64 Methylcyclohexane	83		9.920					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92	10.773	10.773	0.0	93	433878	24.5	
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166	11.224	11.224	0.0	90	174717	22.5	
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112	11.924	11.924	0.0	80	486276	23.9	
88 Ethylbenzene	91	11.935	11.936	-0.001	95	840915	24.0	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	98	639545	48.4	
91 o-Xylene	106	12.362	12.362	0.0	98	305720	23.3	
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146	14.378	14.378	0.0	94	343879	24.0	
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1				0		71.7	



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R MSD Lab Sample ID: 480-14998-4 MSD
 Matrix: Ground Water Lab File ID: C16990.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 21:02
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		800	660
79-34-5	1,1,2,2-Tetrachloroethane	ND		800	170
79-00-5	1,1,2-Trichloroethane	ND		800	180
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250
75-34-3	1,1-Dichloroethane	20900		800	300
75-35-4	1,1-Dichloroethene	20300		800	230
120-82-1	1,2,4-Trichlorobenzene	ND		800	330
96-12-8	1,2-Dibromo-3-Chloropropane	ND		800	310
106-93-4	1,2-Dibromoethane	ND		800	580
95-50-1	1,2-Dichlorobenzene	19000		800	630
107-06-2	1,2-Dichloroethane	19700		800	170
78-87-5	1,2-Dichloropropane	ND		800	580
541-73-1	1,3-Dichlorobenzene	ND		800	620
106-46-7	1,4-Dichlorobenzene	ND		800	670
591-78-6	2-Hexanone	ND		4000	990
78-93-3	2-Butanone (MEK)	ND		8000	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		4000	1700
67-64-1	Acetone	ND		8000	2400
71-43-2	Benzene	19700		800	330
75-27-4	Bromodichloromethane	ND		800	310
75-25-2	Bromoform	ND		800	210
74-83-9	Bromomethane	ND		800	550
75-15-0	Carbon disulfide	ND		800	150
56-23-5	Carbon tetrachloride	ND		800	220
108-90-7	Chlorobenzene	18600		800	600
124-48-1	Dibromochloromethane	ND		800	260
75-00-3	Chloroethane	ND		800	260
67-66-3	Chloroform	329	J	800	270
74-87-3	Chloromethane	ND		800	280
156-59-2	cis-1,2-Dichloroethene	76500		800	650
10061-01-5	cis-1,3-Dichloropropene	ND		800	290
110-82-7	Cyclohexane	ND		800	140
75-71-8	Dichlorodifluoromethane	ND		800	540
100-41-4	Ethylbenzene	18700		800	590
98-82-8	Isopropylbenzene	ND		800	630

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R MSD Lab Sample ID: 480-14998-4 MSD
 Matrix: Ground Water Lab File ID: C16990.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/17/2012 21:02
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48180 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		800	400
1634-04-4	Methyl tert-butyl ether	18600		800	130
108-87-2	Methylcyclohexane	ND		800	130
75-09-2	Methylene Chloride	ND		800	350
100-42-5	Styrene	ND		800	580
127-18-4	Tetrachloroethene	17200		800	290
108-88-3	Toluene	19000		800	410
156-60-5	trans-1,2-Dichloroethene	20100		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	133000		800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	2580		800	720
1330-20-7	Xylenes, Total	55000		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		66-137
2037-26-5	Toluene-d8 (Surr)	95		71-126
460-00-4	4-Bromofluorobenzene (Surr)	83		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C16990.D
 Lims ID: 480-14998-A-4 MSD Client ID:
 Inject. Date: 17-Jan-2012 21:02:30 Dil. Factor: 800.0000
 Sample Type: MSD
 Sample ID: 480-14998-A-4 MSD
 Misc. Info.: 480-0008916-023
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 51
 Lims Batch ID: 48180 Lims Sample ID: 23
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20120117-8916.b\C-8260.m
 Last Update: 17-Jan-2012 21:38:11 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-19

First Level Reviewer: cwiklinc

Date: 17-Jan-2012 22:44:39

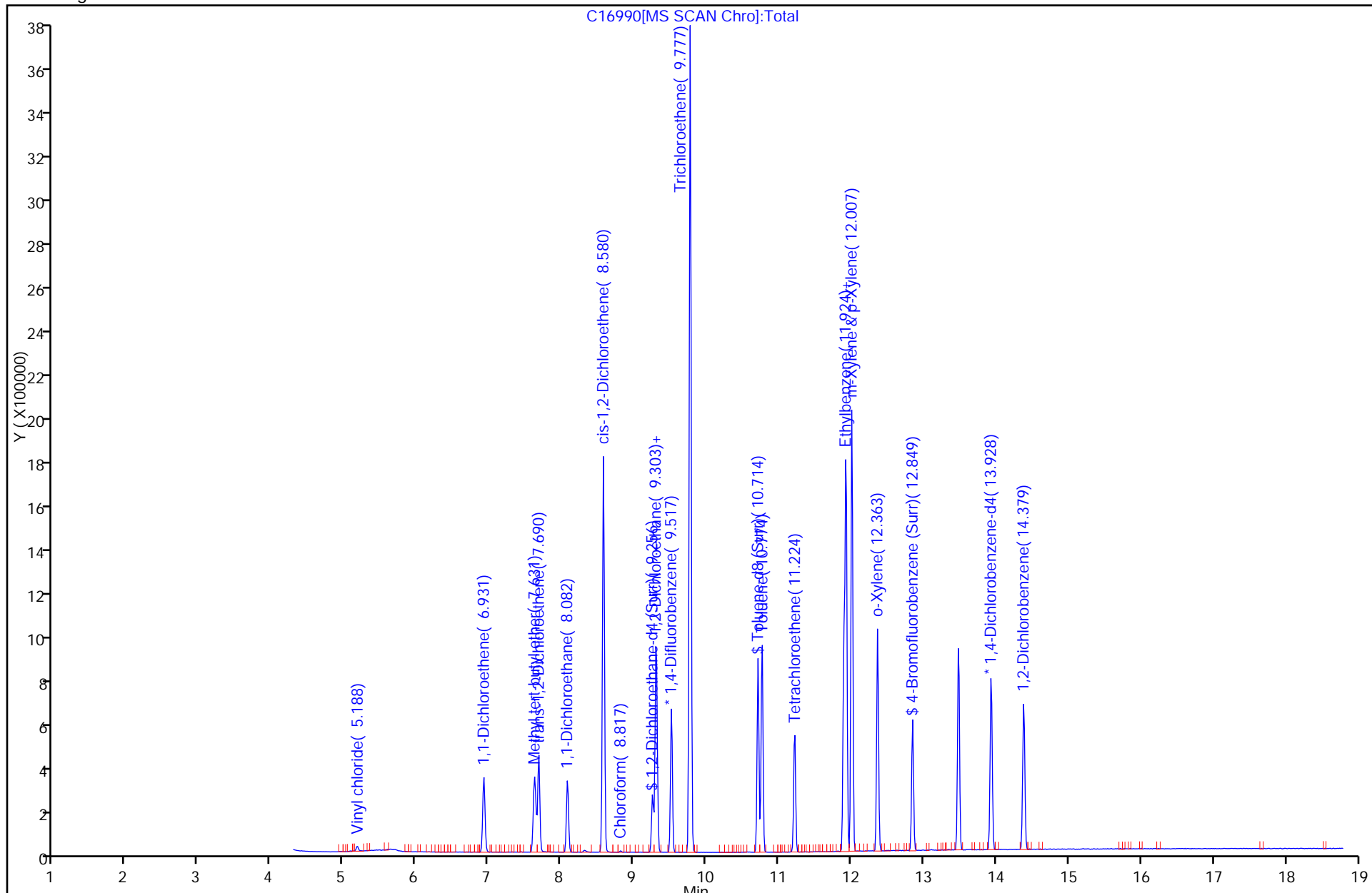
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.517	9.516	0.001	96	522102	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	278566	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.928	0.0	97	250081	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.256	9.255	0.001	0	96637	23.6	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	94	594522	23.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	85	173626	20.8	
10 Dichlorodifluoromethane	85		4.548					
12 Chloromethane	50		4.951					
13 Vinyl chloride	62	5.188	5.188	0.0	65	27960	3.22	
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.291					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.872					
22 1,1-Dichloroethene	96	6.931	6.931	0.0	87	151935	25.4	
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73	7.631	7.631	0.0	91	457717	23.2	
34 trans-1,2-Dichloroethene	96	7.690	7.690	0.0	92	169574	25.1	
39 1,1-Dichloroethane	63	8.082	8.081	0.001	86	338730	26.1	
43 2-Butanone (MEK)	43		8.544					
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	71	771902	95.6	
50 Chloroform	83	8.817	8.817	0.0	31	5209	0.4118	
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78	9.303	9.303	0.0	95	686328	24.6	
58 1,2-Dichloroethane	62	9.315	9.315	0.0	57	251086	24.6	
62 Trichloroethene	95	9.777	9.777	0.0	94	1221033	166.1	E
64 Methylcyclohexane	83		9.931					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92	10.774	10.773	0.001	93	425200	23.8	
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166	11.224	11.224	0.0	90	168204	21.5	
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112	11.924	11.924	0.0	81	478450	23.3	
88 Ethylbenzene	91	11.936	11.935	0.001	95	826810	23.4	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	99	617277	46.3	
91 o-Xylene	106	12.363	12.362	0.001	98	297074	22.5	
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146	14.379	14.378	0.001	94	340983	23.8	
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1				0		68.8	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R MSD DL Lab Sample ID: 480-14998-4 MSD DL
 Matrix: Ground Water Lab File ID: C17015.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/18/2012 08:20
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48336 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2000	1600
79-34-5	1,1,2,2-Tetrachloroethane	ND		2000	420
79-00-5	1,1,2-Trichloroethane	ND		2000	460
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1020	J	2000	620
75-34-3	1,1-Dichloroethane	54200		2000	760
75-35-4	1,1-Dichloroethene	54400		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	49000		2000	1600
107-06-2	1,2-Dichloroethane	51000		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
591-78-6	2-Hexanone	ND		10000	2500
78-93-3	2-Butanone (MEK)	ND		20000	2600
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10000	4200
67-64-1	Acetone	ND		20000	6000
71-43-2	Benzene	51600		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	48600		2000	1500
124-48-1	Dibromochloromethane	ND		2000	640
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	96600		2000	1600
10061-01-5	cis-1,3-Dichloropropene	ND		2000	720
110-82-7	Cyclohexane	ND		2000	360
75-71-8	Dichlorodifluoromethane	ND		2000	1400
100-41-4	Ethylbenzene	48800		2000	1500
98-82-8	Isopropylbenzene	ND		2000	1600

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1
 SDG No.: _____
 Client Sample ID: MW-8R MSD DL Lab Sample ID: 480-14998-4 MSD DL
 Matrix: Ground Water Lab File ID: C17015.D
 Analysis Method: 8260B Date Collected: 01/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/18/2012 08:20
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48336 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2000	1000
1634-04-4	Methyl tert-butyl ether	48200		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	46000		2000	720
108-88-3	Toluene	49400		2000	1000
156-60-5	trans-1,2-Dichloroethene	53400		2000	1800
10061-02-6	trans-1,3-Dichloropropene	ND		2000	740
79-01-6	Trichloroethene	144000		2000	920
75-69-4	Trichlorofluoromethane	ND		2000	1800
75-01-4	Vinyl chloride	2360		2000	1800
1330-20-7	Xylenes, Total	146000		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		66-137
2037-26-5	Toluene-d8 (Surr)	94		71-126
460-00-4	4-Bromofluorobenzene (Surr)	83		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C17015.D
 Lims ID: 480-14998-B-4 MSD Client ID:
 Inject. Date: 18-Jan-2012 08:20:30 Dil. Factor: 2000.0000
 Sample Type: MSD
 Sample ID: 480-14998-B-4 MSD
 Misc. Info.: 480-0008937-026
 Operator: CDC Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 20
 Lims Batch ID: 48336 Lims Sample ID: 26
 Detector: MS SCAN

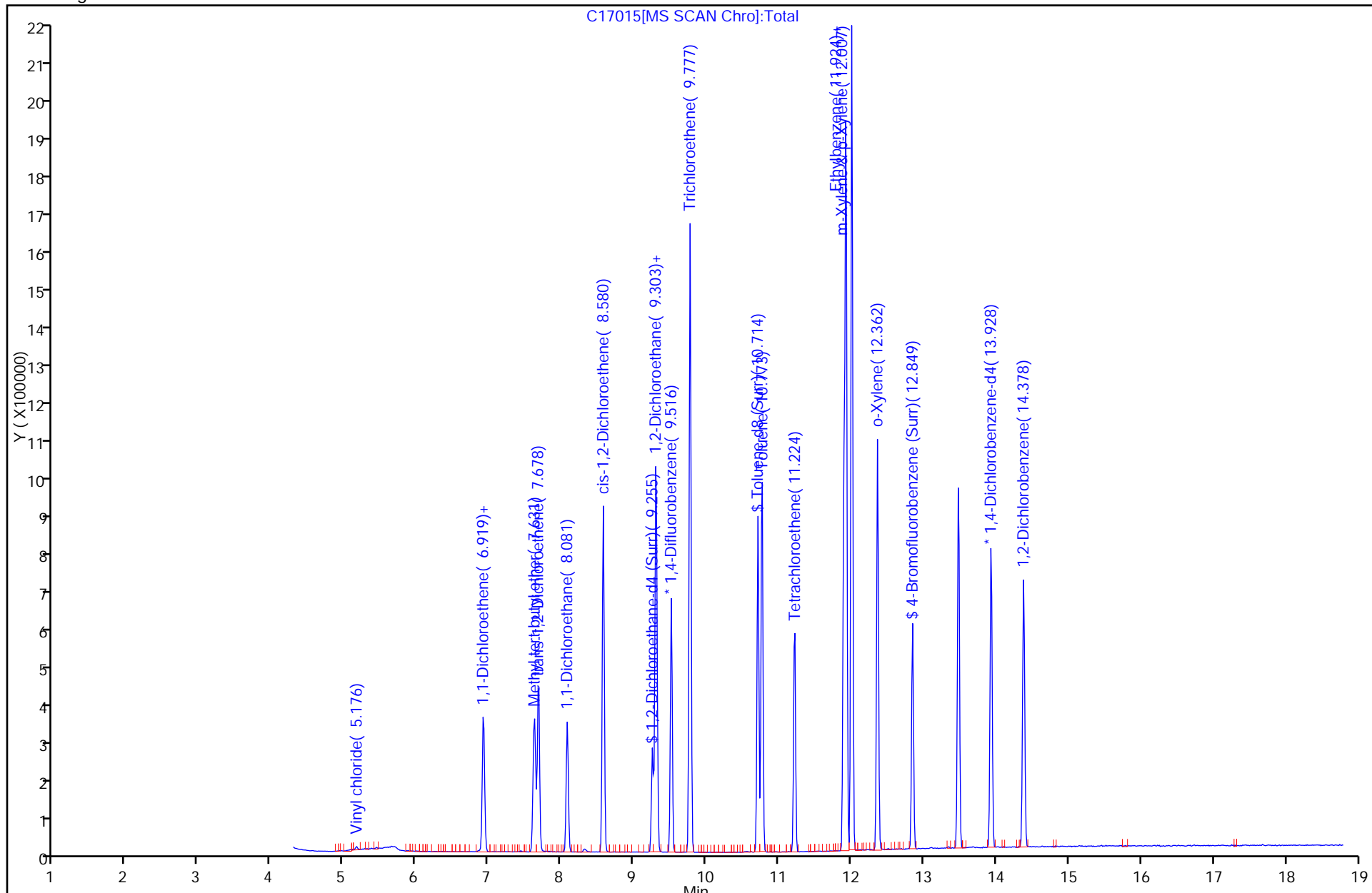
Method: \\Bufchrom\ChromData\HP5973C\20120117-8937.b\C-8260.m
 Last Update: 18-Jan-2012 00:06:57 Calib Date: 07-Dec-2011 21:21:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20111207-8025.b\C16057.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Process Host: CORP-CTX-16

First Level Reviewer: coderd

Date: 18-Jan-2012 11:27:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.516	9.516	0.0	95	522862	25.0	
* 2 Chlorobenzene-d5	82	11.900	11.900	0.0	86	279240	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.928	13.940	-0.012	97	247728	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.255	9.255	0.0	0	97821	23.8	
\$ 5 Toluene-d8 (Surr)	98	10.714	10.714	0.0	93	588806	23.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.849	12.849	0.0	86	173262	20.7	
10 Dichlorodifluoromethane	85		4.536					
12 Chloromethane	50		4.939					
13 Vinyl chloride	62	5.176	5.176	0.0	25	10234	1.18	
14 Bromomethane	94		5.793					
15 Chloroethane	64		5.935					
17 Trichlorofluoromethane	101		6.279					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.860	6.860	0.0	1	2867	0.5084	
22 1,1-Dichloroethene	96	6.919	6.919	0.0	86	162740	27.2	
23 Acetone	43		6.979					
26 Carbon disulfide	76		7.251					
27 Methyl acetate	43		7.275					
30 Methylene Chloride	84		7.441					
32 Methyl tert-butyl ether	73	7.631	7.631	0.0	91	476892	24.1	
34 trans-1,2-Dichloroethene	96	7.690	7.678	0.012	93	180375	26.7	
39 1,1-Dichloroethane	63	8.081	8.082	-0.001	85	352586	27.1	
43 2-Butanone (MEK)	43		8.532					
45 cis-1,2-Dichloroethene	96	8.580	8.580	0.0	71	390004	48.3	
50 Chloroform	83		8.817					
51 1,1,1-Trichloroethane	97		8.995					
52 Cyclohexane	56		9.042					
55 Carbon tetrachloride	117		9.137					
57 Benzene	78	9.303	9.303	0.0	95	721670	25.8	
58 1,2-Dichloroethane	62	9.315	9.315	0.0	60	260937	25.5	
62 Trichloroethene	95	9.777	9.777	0.0	94	529389	71.9	
64 Methylcyclohexane	83		9.920					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.979					
68 Dichlorobromomethane	83		10.180					
72 cis-1,3-Dichloropropene	75		10.501					
73 4-Methyl-2-pentanone (MIBK)	43		10.536					
74 Toluene	92	10.773	10.773	0.0	93	443149	24.7	
77 trans-1,3-Dichloropropene	75		10.904					
79 1,1,2-Trichloroethane	83		11.094					
80 2-Hexanone	43		11.177					
81 Tetrachloroethene	166	11.224	11.224	0.0	91	180393	23.0	
83 Chlorodibromomethane	129		11.461					
84 Ethylene Dibromide	107		11.592					
87 Chlorobenzene	112	11.924	11.924	0.0	80	499480	24.3	
88 Ethylbenzene	91	11.935	11.936	-0.001	95	861551	24.4	
90 m-Xylene & p-Xylene	106	12.007	12.007	0.0	99	655289	49.1	
91 o-Xylene	106	12.362	12.362	0.0	98	317674	24.0	
92 Styrene	104		12.374					
94 Isopropylbenzene	105		12.635					
95 Bromoform	173		12.659					
97 1,1,2,2-Tetrachloroethane	83		12.920					
111 1,3-Dichlorobenzene	146		13.880					
113 1,4-Dichlorobenzene	146		13.963					
116 1,2-Dichlorobenzene	146	14.378	14.378	0.0	93	348621	24.5	
117 1,2-Dibromo-3-Chloropropane	75		15.280					
119 1,2,4-Trichlorobenzene	180		16.335					
S 124 Xylenes, Total	1				0		73.1	



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1

SDG No.: _____

Instrument ID: HP5973C Start Date: 12/07/2011 11:42Analysis Batch Number: 43192 End Date: 12/07/2011 21:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-43192/1		12/07/2011 11:42	1	C16036.D	ZB-624 (30) 0.53 (mm)
STD 480-43192/2 IC		12/07/2011 12:38	1	C16038.D	ZB-624 (30) 0.53 (mm)
STD 480-43192/3 IC		12/07/2011 13:03	1	C16039.D	ZB-624 (30) 0.53 (mm)
STD 480-43192/5 ICIS		12/07/2011 13:54	1	C16041.D	ZB-624 (30) 0.53 (mm)
STD 480-43192/6 IC		12/07/2011 14:19	1	C16042.D	ZB-624 (30) 0.53 (mm)
STD 480-43192/7 IC		12/07/2011 14:44	1	C16043.D	ZB-624 (30) 0.53 (mm)
STD 480-43192/19 IC		12/07/2011 16:44	1	C16046.D	ZB-624 (30) 0.53 (mm)
ICV 480-43192/8		12/07/2011 17:35	1		ZB-624 (30) 0.53 (mm)
STD 480-43192/10 IC		12/07/2011 19:15	1		ZB-624 (30) 0.53 (mm)
STD 480-43192/11 IC		12/07/2011 19:40	1		ZB-624 (30) 0.53 (mm)
STD 480-43192/12 IC		12/07/2011 20:05	1		ZB-624 (30) 0.53 (mm)
STD 480-43192/13 IC		12/07/2011 20:31	1		ZB-624 (30) 0.53 (mm)
STD 480-43192/14 IC		12/07/2011 20:56	1		ZB-624 (30) 0.53 (mm)
STD 480-43192/15 IC		12/07/2011 21:21	1		ZB-624 (30) 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-14998-1

SDG No.: _____

Instrument ID: HP5973CStart Date: 01/17/2012 09:43Analysis Batch Number: 48180End Date: 01/17/2012 21:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-48180/1		01/17/2012 09:43	1	C16964.D	ZB-624 (30) 0.53 (mm)
CCVIS 480-48180/2		01/17/2012 10:12	1	C16965.D	ZB-624 (30) 0.53 (mm)
CCV 480-48180/3		01/17/2012 10:49	1		ZB-624 (30) 0.53 (mm)
MB 480-48180/5		01/17/2012 11:38	1	C16968.D	ZB-624 (30) 0.53 (mm)
LCS 480-48180/4		01/17/2012 12:03	1	C16969.D	ZB-624 (30) 0.53 (mm)
ZZZZZ		01/17/2012 12:42	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/17/2012 13:07	1		ZB-624 (30) 0.53 (mm)
480-14998-1	MW-2	01/17/2012 13:33	1	C16972.D	ZB-624 (30) 0.53 (mm)
480-14998-2	MW-3	01/17/2012 13:57	1	C16973.D	ZB-624 (30) 0.53 (mm)
480-14998-3	MW-6	01/17/2012 14:23	1	C16974.D	ZB-624 (30) 0.53 (mm)
480-14998-4	MW-8R	01/17/2012 14:47	800	C16975.D	ZB-624 (30) 0.53 (mm)
480-14998-5	MW-10	01/17/2012 15:12	1	C16976.D	ZB-624 (30) 0.53 (mm)
480-14998-6	MW-11	01/17/2012 15:38	1	C16977.D	ZB-624 (30) 0.53 (mm)
480-14998-7	MW-12	01/17/2012 16:02	1	C16978.D	ZB-624 (30) 0.53 (mm)
480-14998-8	MW-13S	01/17/2012 16:27	800	C16979.D	ZB-624 (30) 0.53 (mm)
480-14998-9	Duplicate	01/17/2012 16:52	800	C16980.D	ZB-624 (30) 0.53 (mm)
480-14998-10	Rinse Blank	01/17/2012 17:17	1	C16981.D	ZB-624 (30) 0.53 (mm)
480-14998-11	Trip Blank	01/17/2012 17:42	1	C16982.D	ZB-624 (30) 0.53 (mm)
ZZZZZ		01/17/2012 18:07	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/17/2012 18:32	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/17/2012 18:57	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/17/2012 19:21	20		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/17/2012 19:46	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/17/2012 20:12	20		ZB-624 (30) 0.53 (mm)
480-14998-4 MS	MW-8R MS	01/17/2012 20:37	800	C16989.D	ZB-624 (30) 0.53 (mm)
480-14998-4 MSD	MW-8R MSD	01/17/2012 21:02	800	C16990.D	ZB-624 (30) 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-14998-1

SDG No.: _____

Instrument ID: HP5973C Start Date: 01/17/2012 21:31

Analysis Batch Number: 48336 End Date: 01/18/2012 08:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-48336/1		01/17/2012 21:31	1	C16991.D	ZB-624 (30) 0.53 (mm)
CCVIS 480-48336/2		01/17/2012 22:00	1	C16992.D	ZB-624 (30) 0.53 (mm)
CCV 480-48336/3		01/17/2012 22:43	1		ZB-624 (30) 0.53 (mm)
LCS 480-48336/4		01/17/2012 23:09	1	C16994.D	ZB-624 (30) 0.53 (mm)
MB 480-48336/5		01/17/2012 23:34	1	C16995.D	ZB-624 (30) 0.53 (mm)
480-14998-4 DL	MW-8R DL	01/18/2012 00:52	2000	C16997.D	ZB-624 (30) 0.53 (mm)
480-14998-9 DL	Duplicate DL	01/18/2012 01:17	2000	C16998.D	ZB-624 (30) 0.53 (mm)
ZZZZZ		01/18/2012 01:42	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/18/2012 02:06	5		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/18/2012 02:56	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/18/2012 03:20	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/18/2012 03:45	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/18/2012 04:10	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/18/2012 05:26	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/18/2012 05:51	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/18/2012 06:41	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/18/2012 07:06	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		01/18/2012 07:31	1		ZB-624 (30) 0.53 (mm)
480-14998-4 MS DL	MW-8R MS DL	01/18/2012 07:56	2000	C17014.D	ZB-624 (30) 0.53 (mm)
480-14998-4 MSD DL	MW-8R MSD DL	01/18/2012 08:20	2000	C17015.D	ZB-624 (30) 0.53 (mm)

Shipping and Receiving Documents

Chain of Custody Record

Client Information		Lab PM: Fischer, Brian		Carrier Tracking No(s):		COC No: 480-20191-3450.1	
Company: AECOM, Inc.		E-Mail: brian.fischer@testamericainc.com		Page: Page 1 of 1		Job #:	
Address: 100 Corporate Parkway Suite 341		Due Date Requested: 57D		Analysis Requested:		Preservation Codes:	
City: Amherst		TAT Requested (days): 57A		Field Filtered Samples (Yes or No):		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify)	
State, Zip: NY, 14226		PO #: Purchase Order not requir		82608 - TCL list OLM04.2		Other:	
Phone:		WO #:		X		Special Instructions/Note:	
Email: dino.zack@aecom.com		Project #: 48002539		X			
Project Name: Scott Aviation site		SSOW #:		A			
Site: New York				X			
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (w=water, S=solid, O=soil, BT=tissue, A=air)	Field Filtered Samples (Yes or No)	Total Number of Containers	Special Instructions/Note
MW-2	1/12/12	10:25	G	Water	X	3	
MW-3	1/13/12	08:05	G	Water		3	
MW-6	1/12/12	14:10	G	Water		3	
MW-8R	1/13/12	10:50	G	Water		3	
MW-10	1/12/12	15:15	G	Water		3	
MW-11	1/12/12	11:05	G	Water		3	
MW-12	1/12/12	13:30	G	Water		3	
MW-13S	1/13/12	08:15	G	Water		3	
Duplicate	1/13/12	07:00	G	Water		3	
Rinse	1/12/12	07:30	G	Water	X	3	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify) <i>per SOW</i>							
Empty Kit Relinquished by: <i>[Signature]</i> Date: <i>1/13/12</i> Time: <i>11:00am</i> Relinquished by: <i>[Signature]</i> Date: <i>1-13-12</i> Time: <i>17:45</i> Relinquished by: <i>[Signature]</i> Date: <i>1-13-12</i> Time: <i>17:45</i>							
Special Instructions/QC Requirements: <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Method of Shipment: _____							
Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Company: <i>BFL</i>	

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-14998-1

Login Number: 14998

List Source: TestAmerica Buffalo

List Number: 1

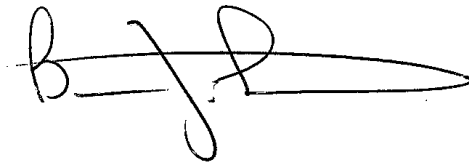
Creator: Robitaille, Zach L

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	1.9 #2
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: 480-15056-1
Job Description: Scott Aviation site

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



Approved for release.
Brian Fischer
Project Manager II
1/30/2012 12:29 PM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com
01/30/2012

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



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Job Narrative
480-15056-1

Receipt

All samples were received in good condition within temperature requirements.

Air Toxics

No analytical or quality issues were noted.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-15056-1

SDG No.: _____

Instrument ID: C.i Analysis Batch Number: 32216

Lab Sample ID: IC 200-32216/3 Client Sample ID: _____

Date Analyzed: 01/12/12 17:27 Lab File ID: ckn003.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	6.52	Baseline event	wrd	01/13/12 08:14
1,1-Dichloroethane	9.95	Peak not found by the data system	wrd	01/13/12 08:15
1,2-Dichloroethane	12.04	Peak not found by the data system	wrd	01/13/12 08:16

Lab Sample ID: IC 200-32216/4 Client Sample ID: _____

Date Analyzed: 01/12/12 18:17 Lab File ID: ckn004.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	9.36	Baseline event	wrd	01/13/12 08:18

Lab Sample ID: IC 200-32216/5 Client Sample ID: _____

Date Analyzed: 01/12/12 19:07 Lab File ID: ckn005.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:19
Acetonitrile	8.74	Baseline event	wrd	01/13/12 08:20

Lab Sample ID: ICIS 200-32216/6 Client Sample ID: _____

Date Analyzed: 01/12/12 19:56 Lab File ID: ckn006.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.69	Baseline event	wrd	01/13/12 08:21
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:21

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-15056-1

SDG No.: _____

Instrument ID: C.i Analysis Batch Number: 32216

Lab Sample ID: IC 200-32216/7 Client Sample ID: _____

Date Analyzed: 01/12/12 20:47 Lab File ID: ckn007.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:22
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:22

Lab Sample ID: IC 200-32216/8 Client Sample ID: _____

Date Analyzed: 01/12/12 21:37 Lab File ID: ckn008.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:23
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:24

Lab Sample ID: IC 200-32216/9 Client Sample ID: _____

Date Analyzed: 01/12/12 22:26 Lab File ID: ckn009.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:25
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:25

Lab Sample ID: ICV 200-32216/12 Client Sample ID: _____

Date Analyzed: 01/13/12 00:56 Lab File ID: ckn012.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.69	Baseline event	wrd	01/13/12 08:30
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:33

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-15056-1

SDG No.: _____

Instrument ID: C.i Analysis Batch Number: 32534

Lab Sample ID: CCVIS 200-32534/2 Client Sample ID: _____

Date Analyzed: 01/19/12 10:52 Lab File ID: ckne002.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.69	Baseline event	pd	01/19/12 11:30
Acetonitrile	8.72	Baseline event	pd	01/19/12 11:31

Lab Sample ID: LCS 200-32534/3 Client Sample ID: _____

Date Analyzed: 01/19/12 11:42 Lab File ID: ckne003.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.69	Baseline event	pd	01/19/12 12:32

Lab Sample ID: 480-15056-2 Client Sample ID: AS Effluent

Date Analyzed: 01/19/12 17:27 Lab File ID: ckne009.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl Ethyl Ketone	10.78	Baseline event	wrd	01/20/12 10:47

SAMPLE SUMMARY

Client: AECOM, Inc.

Job Number: 480-15056-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-15056-1	LRP Effluent	Air	01/12/2012 0700	01/17/2012 1020
480-15056-2	AS Effluent	Air	01/12/2012 0700	01/17/2012 1020

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-15056-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-15056-1	LRP EFFLUENT					
Vinyl chloride		53		16	ppb v/v	TO-15
Vinyl chloride		140		41	ug/m3	TO-15
1,1-Dichloroethane		28		16	ppb v/v	TO-15
1,1-Dichloroethane		110		65	ug/m3	TO-15
cis-1,2-Dichloroethene		1100		16	ppb v/v	TO-15
cis-1,2-Dichloroethene		4500		64	ug/m3	TO-15
1,2-Dichloroethene, Total		1100		16	ppb v/v	TO-15
1,2-Dichloroethene, Total		4500		64	ug/m3	TO-15
1,1,1-Trichloroethane		46		16	ppb v/v	TO-15
1,1,1-Trichloroethane		250		87	ug/m3	TO-15
Trichloroethene		1700		16	ppb v/v	TO-15
Trichloroethene		9400		86	ug/m3	TO-15
480-15056-2	AS EFFLUENT					
Vinyl chloride		0.80		0.20	ppb v/v	TO-15
Vinyl chloride		2.1		0.51	ug/m3	TO-15
Chloroethane		3.6		0.50	ppb v/v	TO-15
Chloroethane		9.6		1.3	ug/m3	TO-15
Methylene Chloride		0.60		0.50	ppb v/v	TO-15
Methylene Chloride		2.1		1.7	ug/m3	TO-15
n-Hexane		0.38		0.20	ppb v/v	TO-15
n-Hexane		1.3		0.70	ug/m3	TO-15
1,1-Dichloroethane		0.54		0.20	ppb v/v	TO-15
1,1-Dichloroethane		2.2		0.81	ug/m3	TO-15
cis-1,2-Dichloroethene		3.7		0.20	ppb v/v	TO-15
cis-1,2-Dichloroethene		15		0.79	ug/m3	TO-15
1,2-Dichloroethene, Total		3.8		0.20	ppb v/v	TO-15
1,2-Dichloroethene, Total		15		0.79	ug/m3	TO-15
Trichloroethene		2.0		0.20	ppb v/v	TO-15
Trichloroethene		11		1.1	ug/m3	TO-15
Toluene		0.31		0.20	ppb v/v	TO-15
Toluene		1.2		0.75	ug/m3	TO-15
Xylene (total)		0.22		0.20	ppb v/v	TO-15
Xylene (total)		0.97		0.87	ug/m3	TO-15

METHOD SUMMARY

Client: AECOM, Inc.

Job Number: 480-15056-1

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: 480-15056-1

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

Analytical Data

Client: AECOM, Inc.

Job Number: 480-15056-1

Client Sample ID: LRP Effluent

Lab Sample ID: 480-15056-1

Date Sampled: 01/12/2012 0700

Client Matrix: Air

Date Received: 01/17/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-32534	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ckne008.d
Dilution:	80.1			Initial Weight/Volume:	33 mL
Analysis Date:	01/19/2012 1637			Final Weight/Volume:	200 mL
Prep Date:	01/19/2012 1637			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		40	40
1,2-Dichlorotetrafluoroethane	ND		16	16
Chloromethane	ND		40	40
Vinyl chloride	53		16	16
1,3-Butadiene	ND		16	16
Bromomethane	ND		16	16
Chloroethane	ND		40	40
Bromoethene(Vinyl Bromide)	ND		16	16
Trichlorofluoromethane	ND		16	16
Freon TF	ND		16	16
1,1-Dichloroethene	ND		16	16
Acetone	ND		400	400
Isopropyl alcohol	ND		400	400
Carbon disulfide	ND		40	40
3-Chloropropene	ND		40	40
Methylene Chloride	ND		40	40
tert-Butyl alcohol	ND		400	400
Methyl tert-butyl ether	ND		16	16
trans-1,2-Dichloroethene	ND		16	16
n-Hexane	ND		16	16
1,1-Dichloroethane	28		16	16
Methyl Ethyl Ketone	ND		40	40
cis-1,2-Dichloroethene	1100		16	16
1,2-Dichloroethene, Total	1100		16	16
Chloroform	ND		16	16
Tetrahydrofuran	ND		400	400
1,1,1-Trichloroethane	46		16	16
Cyclohexane	ND		16	16
Carbon tetrachloride	ND		16	16
2,2,4-Trimethylpentane	ND		16	16
Benzene	ND		16	16
1,2-Dichloroethane	ND		16	16
n-Heptane	ND		16	16
Trichloroethene	1700		16	16
1,2-Dichloropropane	ND		16	16
1,4-Dioxane	ND		400	400
Bromodichloromethane	ND		16	16
cis-1,3-Dichloropropene	ND		16	16
methyl isobutyl ketone	ND		40	40
Toluene	ND		16	16
trans-1,3-Dichloropropene	ND		16	16
1,1,2-Trichloroethane	ND		16	16
Tetrachloroethene	ND		16	16
Methyl Butyl Ketone (2-Hexanone)	ND		40	40
Dibromochloromethane	ND		16	16
1,2-Dibromoethane	ND		16	16

Client: AECOM, Inc.

Job Number: 480-15056-1

Client Sample ID: LRP Effluent

Lab Sample ID: 480-15056-1

Date Sampled: 01/12/2012 0700

Client Matrix: Air

Date Received: 01/17/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-32534	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ckne008.d
Dilution:	80.1			Initial Weight/Volume:	33 mL
Analysis Date:	01/19/2012 1637			Final Weight/Volume:	200 mL
Prep Date:	01/19/2012 1637			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Chlorobenzene	ND		16	16
Ethylbenzene	ND		16	16
m,p-Xylene	ND		40	40
Xylene, o-	ND		16	16
Xylene (total)	ND		16	16
Styrene	ND		16	16
Bromoform	ND		16	16
1,1,2,2-Tetrachloroethane	ND		16	16
4-Ethyltoluene	ND		16	16
1,3,5-Trimethylbenzene	ND		16	16
2-Chlorotoluene	ND		16	16
1,2,4-Trimethylbenzene	ND		16	16
1,3-Dichlorobenzene	ND		16	16
1,4-Dichlorobenzene	ND		16	16
1,2-Dichlorobenzene	ND		16	16
1,2,4-Trichlorobenzene	ND		40	40
Hexachlorobutadiene	ND		16	16

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	200		200	200
1,2-Dichlorotetrafluoroethane	110		110	110
Chloromethane	83		83	83
Vinyl chloride	140		41	41
1,3-Butadiene	35		35	35
Bromomethane	62		62	62
Chloroethane	110		110	110
Bromoethene(Vinyl Bromide)	70		70	70
Trichlorofluoromethane	90		90	90
Freon TF	120		120	120
1,1-Dichloroethene	64		64	64
Acetone	950		950	950
Isopropyl alcohol	980		980	980
Carbon disulfide	120		120	120
3-Chloropropene	130		130	130
Methylene Chloride	140		140	140
tert-Butyl alcohol	1200		1200	1200
Methyl tert-butyl ether	58		58	58
trans-1,2-Dichloroethene	64		64	64
n-Hexane	56		56	56
1,1-Dichloroethane	110		65	65
Methyl Ethyl Ketone	120		120	120
cis-1,2-Dichloroethene	4500		64	64
1,2-Dichloroethene, Total	4500		64	64
Chloroform	78		78	78
Tetrahydrofuran	1200		1200	1200
1,1,1-Trichloroethane	250		87	87

Client: AECOM, Inc.

Job Number: 480-15056-1

Client Sample ID: LRP Effluent

Lab Sample ID: 480-15056-1

Date Sampled: 01/12/2012 0700

Client Matrix: Air

Date Received: 01/17/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-32534	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ckne008.d
Dilution:	80.1			Initial Weight/Volume:	33 mL
Analysis Date:	01/19/2012 1637			Final Weight/Volume:	200 mL
Prep Date:	01/19/2012 1637			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
Cyclohexane	55		55	55
Carbon tetrachloride	100		100	100
2,2,4-Trimethylpentane	75		75	75
Benzene	51		51	51
1,2-Dichloroethane	65		65	65
n-Heptane	66		66	66
Trichloroethene	9400		86	86
1,2-Dichloropropane	74		74	74
1,4-Dioxane	1400		1400	1400
Bromodichloromethane	110		110	110
cis-1,3-Dichloropropene	73		73	73
methyl isobutyl ketone	160		160	160
Toluene	60		60	60
trans-1,3-Dichloropropene	73		73	73
1,1,2-Trichloroethane	87		87	87
Tetrachloroethene	110		110	110
Methyl Butyl Ketone (2-Hexanone)	160		160	160
Dibromochloromethane	140		140	140
1,2-Dibromoethane	120		120	120
Chlorobenzene	74		74	74
Ethylbenzene	70		70	70
m,p-Xylene	170		170	170
Xylene, o-	70		70	70
Xylene (total)	70		70	70
Styrene	68		68	68
Bromoform	170		170	170
1,1,2,2-Tetrachloroethane	110		110	110
4-Ethyltoluene	79		79	79
1,3,5-Trimethylbenzene	79		79	79
2-Chlorotoluene	83		83	83
1,2,4-Trimethylbenzene	79		79	79
1,3-Dichlorobenzene	96		96	96
1,4-Dichlorobenzene	96		96	96
1,2-Dichlorobenzene	96		96	96
1,2,4-Trichlorobenzene	300		300	300
Hexachlorobutadiene	170		170	170

Analytical Data

Client: AECOM, Inc.

Job Number: 480-15056-1

Client Sample ID: AS Effluent

Lab Sample ID: 480-15056-2

Date Sampled: 01/12/2012 0700

Client Matrix: Air

Date Received: 01/17/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-32534	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ckne009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/19/2012 1727			Final Weight/Volume:	200 mL
Prep Date:	01/19/2012 1727			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		0.50	0.50
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20
Chloromethane	ND		0.50	0.50
Vinyl chloride	0.80		0.20	0.20
1,3-Butadiene	ND		0.20	0.20
Bromomethane	ND		0.20	0.20
Chloroethane	3.6		0.50	0.50
Bromoethene(Vinyl Bromide)	ND		0.20	0.20
Trichlorofluoromethane	ND		0.20	0.20
Freon TF	ND		0.20	0.20
1,1-Dichloroethene	ND		0.20	0.20
Acetone	ND		5.0	5.0
Isopropyl alcohol	ND		5.0	5.0
Carbon disulfide	ND		0.50	0.50
3-Chloropropene	ND		0.50	0.50
Methylene Chloride	0.60		0.50	0.50
tert-Butyl alcohol	ND		5.0	5.0
Methyl tert-butyl ether	ND		0.20	0.20
trans-1,2-Dichloroethene	ND		0.20	0.20
n-Hexane	0.38		0.20	0.20
1,1-Dichloroethane	0.54		0.20	0.20
Methyl Ethyl Ketone	ND		0.50	0.50
cis-1,2-Dichloroethene	3.7		0.20	0.20
1,2-Dichloroethene, Total	3.8		0.20	0.20
Chloroform	ND		0.20	0.20
Tetrahydrofuran	ND		5.0	5.0
1,1,1-Trichloroethane	ND		0.20	0.20
Cyclohexane	ND		0.20	0.20
Carbon tetrachloride	ND		0.20	0.20
2,2,4-Trimethylpentane	ND		0.20	0.20
Benzene	ND		0.20	0.20
1,2-Dichloroethane	ND		0.20	0.20
n-Heptane	ND		0.20	0.20
Trichloroethene	2.0		0.20	0.20
1,2-Dichloropropane	ND		0.20	0.20
1,4-Dioxane	ND		5.0	5.0
Bromodichloromethane	ND		0.20	0.20
cis-1,3-Dichloropropene	ND		0.20	0.20
methyl isobutyl ketone	ND		0.50	0.50
Toluene	0.31		0.20	0.20
trans-1,3-Dichloropropene	ND		0.20	0.20
1,1,2-Trichloroethane	ND		0.20	0.20
Tetrachloroethene	ND		0.20	0.20
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50
Dibromochloromethane	ND		0.20	0.20
1,2-Dibromoethane	ND		0.20	0.20

Client: AECOM, Inc.

Job Number: 480-15056-1

Client Sample ID: AS Effluent

Lab Sample ID: 480-15056-2

Date Sampled: 01/12/2012 0700

Client Matrix: Air

Date Received: 01/17/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-32534	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ckne009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/19/2012 1727			Final Weight/Volume:	200 mL
Prep Date:	01/19/2012 1727			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Chlorobenzene	ND		0.20	0.20
Ethylbenzene	ND		0.20	0.20
m,p-Xylene	ND		0.50	0.50
Xylene, o-	ND		0.20	0.20
Xylene (total)	0.22		0.20	0.20
Styrene	ND		0.20	0.20
Bromoform	ND		0.20	0.20
1,1,2,2-Tetrachloroethane	ND		0.20	0.20
4-Ethyltoluene	ND		0.20	0.20
1,3,5-Trimethylbenzene	ND		0.20	0.20
2-Chlorotoluene	ND		0.20	0.20
1,2,4-Trimethylbenzene	ND		0.20	0.20
1,3-Dichlorobenzene	ND		0.20	0.20
1,4-Dichlorobenzene	ND		0.20	0.20
1,2-Dichlorobenzene	ND		0.20	0.20
1,2,4-Trichlorobenzene	ND		0.50	0.50
Hexachlorobutadiene	ND		0.20	0.20

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	2.5		2.5	2.5
1,2-Dichlorotetrafluoroethane	1.4		1.4	1.4
Chloromethane	1.0		1.0	1.0
Vinyl chloride	2.1		0.51	0.51
1,3-Butadiene	0.44		0.44	0.44
Bromomethane	0.78		0.78	0.78
Chloroethane	9.6		1.3	1.3
Bromoethene(Vinyl Bromide)	0.87		0.87	0.87
Trichlorofluoromethane	1.1		1.1	1.1
Freon TF	1.5		1.5	1.5
1,1-Dichloroethene	0.79		0.79	0.79
Acetone	12		12	12
Isopropyl alcohol	12		12	12
Carbon disulfide	1.6		1.6	1.6
3-Chloropropene	1.6		1.6	1.6
Methylene Chloride	2.1		1.7	1.7
tert-Butyl alcohol	15		15	15
Methyl tert-butyl ether	0.72		0.72	0.72
trans-1,2-Dichloroethene	0.79		0.79	0.79
n-Hexane	1.3		0.70	0.70
1,1-Dichloroethane	2.2		0.81	0.81
Methyl Ethyl Ketone	1.5		1.5	1.5
cis-1,2-Dichloroethene	15		0.79	0.79
1,2-Dichloroethene, Total	15		0.79	0.79
Chloroform	0.98		0.98	0.98
Tetrahydrofuran	15		15	15
1,1,1-Trichloroethane	1.1		1.1	1.1

Client: AECOM, Inc.

Job Number: 480-15056-1

Client Sample ID: AS Effluent

Lab Sample ID: 480-15056-2

Date Sampled: 01/12/2012 0700

Client Matrix: Air

Date Received: 01/17/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-32534	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ckne009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/19/2012 1727			Final Weight/Volume:	200 mL
Prep Date:	01/19/2012 1727			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
Cyclohexane	0.69		0.69	0.69
Carbon tetrachloride	1.3		1.3	1.3
2,2,4-Trimethylpentane	0.93		0.93	0.93
Benzene	0.64		0.64	0.64
1,2-Dichloroethane	0.81		0.81	0.81
n-Heptane	0.82		0.82	0.82
Trichloroethene	11		1.1	1.1
1,2-Dichloropropane	0.92		0.92	0.92
1,4-Dioxane	18		18	18
Bromodichloromethane	1.3		1.3	1.3
cis-1,3-Dichloropropene	0.91		0.91	0.91
methyl isobutyl ketone	2.0		2.0	2.0
Toluene	1.2		0.75	0.75
trans-1,3-Dichloropropene	0.91		0.91	0.91
1,1,2-Trichloroethane	1.1		1.1	1.1
Tetrachloroethene	1.4		1.4	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0		2.0	2.0
Dibromochloromethane	1.7		1.7	1.7
1,2-Dibromoethane	1.5		1.5	1.5
Chlorobenzene	0.92		0.92	0.92
Ethylbenzene	0.87		0.87	0.87
m,p-Xylene	2.2		2.2	2.2
Xylene, o-	0.87		0.87	0.87
Xylene (total)	0.97		0.87	0.87
Styrene	0.85		0.85	0.85
Bromoform	2.1		2.1	2.1
1,1,2,2-Tetrachloroethane	1.4		1.4	1.4
4-Ethyltoluene	0.98		0.98	0.98
1,3,5-Trimethylbenzene	0.98		0.98	0.98
2-Chlorotoluene	1.0		1.0	1.0
1,2,4-Trimethylbenzene	0.98		0.98	0.98
1,3-Dichlorobenzene	1.2		1.2	1.2
1,4-Dichlorobenzene	1.2		1.2	1.2
1,2-Dichlorobenzene	1.2		1.2	1.2
1,2,4-Trichlorobenzene	3.7		3.7	3.7
Hexachlorobutadiene	2.1		2.1	2.1

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-15056-1

Method Blank - Batch: 200-32534

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-32534/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 01/19/2012 1232
 Prep Date: 01/19/2012 1232
 Leach Date: N/A

Analysis Batch: 200-32534
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: C.i
 Lab File ID: ckne004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	ND		0.50	0.50
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20
Chloromethane	ND		0.50	0.50
Vinyl chloride	ND		0.20	0.20
1,3-Butadiene	ND		0.20	0.20
Bromomethane	ND		0.20	0.20
Chloroethane	ND		0.50	0.50
Bromoethene(Vinyl Bromide)	ND		0.20	0.20
Trichlorofluoromethane	ND		0.20	0.20
Freon TF	ND		0.20	0.20
1,1-Dichloroethene	ND		0.20	0.20
Acetone	ND		5.0	5.0
Isopropyl alcohol	ND		5.0	5.0
Carbon disulfide	ND		0.50	0.50
3-Chloropropene	ND		0.50	0.50
Methylene Chloride	ND		0.50	0.50
tert-Butyl alcohol	ND		5.0	5.0
Methyl tert-butyl ether	ND		0.20	0.20
trans-1,2-Dichloroethene	ND		0.20	0.20
n-Hexane	ND		0.20	0.20
1,1-Dichloroethane	ND		0.20	0.20
Methyl Ethyl Ketone	ND		0.50	0.50
cis-1,2-Dichloroethene	ND		0.20	0.20
1,2-Dichloroethene, Total	ND		0.20	0.20
Chloroform	ND		0.20	0.20
Tetrahydrofuran	ND		5.0	5.0
1,1,1-Trichloroethane	ND		0.20	0.20
Cyclohexane	ND		0.20	0.20
Carbon tetrachloride	ND		0.20	0.20
2,2,4-Trimethylpentane	ND		0.20	0.20
Benzene	ND		0.20	0.20
1,2-Dichloroethane	ND		0.20	0.20
n-Heptane	ND		0.20	0.20
Trichloroethene	ND		0.20	0.20
1,2-Dichloropropane	ND		0.20	0.20
1,4-Dioxane	ND		5.0	5.0
Bromodichloromethane	ND		0.20	0.20
cis-1,3-Dichloropropene	ND		0.20	0.20
methyl isobutyl ketone	ND		0.50	0.50
Toluene	ND		0.20	0.20
trans-1,3-Dichloropropene	ND		0.20	0.20
1,1,2-Trichloroethane	ND		0.20	0.20
Tetrachloroethene	ND		0.20	0.20
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50
Dibromochloromethane	ND		0.20	0.20

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-15056-1

Method Blank - Batch: 200-32534

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-32534/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 01/19/2012 1232
 Prep Date: 01/19/2012 1232
 Leach Date: N/A

Analysis Batch: 200-32534
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: C.i
 Lab File ID: ckne004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
1,2-Dibromoethane	ND		0.20	0.20
Chlorobenzene	ND		0.20	0.20
Ethylbenzene	ND		0.20	0.20
m,p-Xylene	ND		0.50	0.50
Xylene, o-	ND		0.20	0.20
Xylene (total)	ND		0.20	0.20
Styrene	ND		0.20	0.20
Bromoform	ND		0.20	0.20
1,1,2,2-Tetrachloroethane	ND		0.20	0.20
4-Ethyltoluene	ND		0.20	0.20
1,3,5-Trimethylbenzene	ND		0.20	0.20
2-Chlorotoluene	ND		0.20	0.20
1,2,4-Trimethylbenzene	ND		0.20	0.20
1,3-Dichlorobenzene	ND		0.20	0.20
1,4-Dichlorobenzene	ND		0.20	0.20
1,2-Dichlorobenzene	ND		0.20	0.20
1,2,4-Trichlorobenzene	ND		0.50	0.50
Hexachlorobutadiene	ND		0.20	0.20

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-15056-1

Method Blank - Batch: 200-32534

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-32534/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 01/19/2012 1232
 Prep Date: 01/19/2012 1232
 Leach Date: N/A

Analysis Batch: 200-32534
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: C.i
 Lab File ID: ckne004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	2.5		2.5	2.5
1,2-Dichlorotetrafluoroethane	1.4		1.4	1.4
Chloromethane	1.0		1.0	1.0
Vinyl chloride	0.51		0.51	0.51
1,3-Butadiene	0.44		0.44	0.44
Bromomethane	0.78		0.78	0.78
Chloroethane	1.3		1.3	1.3
Bromoethene(Vinyl Bromide)	0.87		0.87	0.87
Trichlorofluoromethane	1.1		1.1	1.1
Freon TF	1.5		1.5	1.5
1,1-Dichloroethene	0.79		0.79	0.79
Acetone	12		12	12
Isopropyl alcohol	12		12	12
Carbon disulfide	1.6		1.6	1.6
3-Chloropropene	1.6		1.6	1.6
Methylene Chloride	1.7		1.7	1.7
tert-Butyl alcohol	15		15	15
Methyl tert-butyl ether	0.72		0.72	0.72
trans-1,2-Dichloroethene	0.79		0.79	0.79
n-Hexane	0.70		0.70	0.70
1,1-Dichloroethane	0.81		0.81	0.81
Methyl Ethyl Ketone	1.5		1.5	1.5
cis-1,2-Dichloroethene	0.79		0.79	0.79
1,2-Dichloroethene, Total	0.79		0.79	0.79
Chloroform	0.98		0.98	0.98
Tetrahydrofuran	15		15	15
1,1,1-Trichloroethane	1.1		1.1	1.1
Cyclohexane	0.69		0.69	0.69
Carbon tetrachloride	1.3		1.3	1.3
2,2,4-Trimethylpentane	0.93		0.93	0.93
Benzene	0.64		0.64	0.64
1,2-Dichloroethane	0.81		0.81	0.81
n-Heptane	0.82		0.82	0.82
Trichloroethene	1.1		1.1	1.1
1,2-Dichloropropane	0.92		0.92	0.92
1,4-Dioxane	18		18	18
Bromodichloromethane	1.3		1.3	1.3
cis-1,3-Dichloropropene	0.91		0.91	0.91
methyl isobutyl ketone	2.0		2.0	2.0
Toluene	0.75		0.75	0.75
trans-1,3-Dichloropropene	0.91		0.91	0.91
1,1,2-Trichloroethane	1.1		1.1	1.1
Tetrachloroethene	1.4		1.4	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0		2.0	2.0
Dibromochloromethane	1.7		1.7	1.7

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-15056-1

Method Blank - Batch: 200-32534

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-32534/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 01/19/2012 1232
 Prep Date: 01/19/2012 1232
 Leach Date: N/A

Analysis Batch: 200-32534
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: C.i
 Lab File ID: ckne004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
1,2-Dibromoethane	1.5		1.5	1.5
Chlorobenzene	0.92		0.92	0.92
Ethylbenzene	0.87		0.87	0.87
m,p-Xylene	2.2		2.2	2.2
Xylene, o-	0.87		0.87	0.87
Xylene (total)	0.87		0.87	0.87
Styrene	0.85		0.85	0.85
Bromoform	2.1		2.1	2.1
1,1,2,2-Tetrachloroethane	1.4		1.4	1.4
4-Ethyltoluene	0.98		0.98	0.98
1,3,5-Trimethylbenzene	0.98		0.98	0.98
2-Chlorotoluene	1.0		1.0	1.0
1,2,4-Trimethylbenzene	0.98		0.98	0.98
1,3-Dichlorobenzene	1.2		1.2	1.2
1,4-Dichlorobenzene	1.2		1.2	1.2
1,2-Dichlorobenzene	1.2		1.2	1.2
1,2,4-Trichlorobenzene	3.7		3.7	3.7
Hexachlorobutadiene	2.1		2.1	2.1

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-15056-1

Lab Control Sample - Batch: 200-32534

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-32534/3	Analysis Batch: 200-32534	Instrument ID: C.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: ckne003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 01/19/2012 1142	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 01/19/2012 1142		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.56	96	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	9.60	96	70 - 130	
Chloromethane	10.0	8.95	89	70 - 130	
Vinyl chloride	10.0	9.41	94	70 - 130	
1,3-Butadiene	10.0	9.63	96	70 - 130	
Bromomethane	10.0	9.49	95	70 - 130	
Chloroethane	10.0	9.43	94	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.78	98	70 - 130	
Trichlorofluoromethane	10.0	9.55	95	70 - 130	
Freon TF	10.0	10.4	104	70 - 130	
1,1-Dichloroethene	10.0	10.7	107	70 - 130	
Acetone	10.0	8.45	84	70 - 130	
Isopropyl alcohol	10.0	8.92	89	70 - 130	
Carbon disulfide	10.0	9.56	96	70 - 130	
3-Chloropropene	10.0	8.96	90	70 - 130	
Methylene Chloride	10.0	9.54	95	70 - 130	
tert-Butyl alcohol	10.0	8.94	89	70 - 130	
Methyl tert-butyl ether	10.0	8.66	87	70 - 130	
trans-1,2-Dichloroethene	10.0	9.28	93	70 - 130	
n-Hexane	10.0	9.24	92	70 - 130	
1,1-Dichloroethane	10.0	9.36	94	70 - 130	
Methyl Ethyl Ketone	10.0	8.29	83	70 - 130	
cis-1,2-Dichloroethene	10.0	9.82	98	70 - 130	
Chloroform	10.0	9.46	95	70 - 130	
Tetrahydrofuran	10.0	8.09	81	70 - 130	
1,1,1-Trichloroethane	10.0	9.40	94	70 - 130	
Cyclohexane	10.0	9.36	94	70 - 130	
Carbon tetrachloride	10.0	9.43	94	70 - 130	
2,2,4-Trimethylpentane	10.0	9.02	90	70 - 130	
Benzene	10.0	9.05	91	70 - 130	
1,2-Dichloroethane	10.0	9.05	91	70 - 130	
n-Heptane	10.0	8.79	88	70 - 130	
Trichloroethene	10.0	9.44	94	70 - 130	
1,2-Dichloropropane	10.0	8.84	88	70 - 130	
1,4-Dioxane	10.0	8.51	85	70 - 130	
Bromodichloromethane	10.0	9.66	97	70 - 130	
cis-1,3-Dichloropropene	10.0	9.01	90	70 - 130	
methyl isobutyl ketone	10.0	7.94	79	70 - 130	
Toluene	10.0	9.05	91	70 - 130	
trans-1,3-Dichloropropene	10.0	8.65	87	70 - 130	
1,1,2-Trichloroethane	10.0	8.59	86	70 - 130	
Tetrachloroethene	10.0	9.20	92	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	7.74	77	70 - 130	
Dibromochloromethane	10.0	9.89	99	70 - 130	
1,2-Dibromoethane	10.0	9.06	91	70 - 130	
Chlorobenzene	10.0	8.96	90	70 - 130	

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-15056-1

Lab Control Sample - Batch: 200-32534

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-32534/3	Analysis Batch: 200-32534	Instrument ID: C.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: ckne003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 01/19/2012 1142	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 01/19/2012 1142		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylbenzene	10.0	8.77	88	70 - 130	
m,p-Xylene	20.0	17.2	86	70 - 130	
Xylene, o-	10.0	8.52	85	70 - 130	
Styrene	10.0	8.75	88	70 - 130	
Bromoform	10.0	9.47	95	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	8.15	82	70 - 130	
4-Ethyltoluene	10.0	8.97	90	70 - 130	
1,3,5-Trimethylbenzene	10.0	8.63	86	70 - 130	
2-Chlorotoluene	10.0	8.88	89	70 - 130	
1,2,4-Trimethylbenzene	10.0	8.53	85	70 - 130	
1,3-Dichlorobenzene	10.0	8.46	85	70 - 130	
1,4-Dichlorobenzene	10.0	8.37	84	70 - 130	
1,2-Dichlorobenzene	10.0	8.22	82	70 - 130	
1,2,4-Trichlorobenzene	10.0	7.73	77	70 - 130	
Hexachlorobutadiene	10.0	7.51	75	70 - 130	

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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Quality Control Results

Client: AECOM, Inc.

Job Number: 480-15056-1

QC Association Summary

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Report Basis</u>	<u>Client Matrix</u>	<u>Method</u>	<u>Prep Batch</u>
Air - GC/MS VOA					
Analysis Batch:200-32534					
LCS 200-32534/3	Lab Control Sample	T	Air	TO-15	
MB 200-32534/4	Method Blank	T	Air	TO-15	
480-15056-1	LRP Effluent	T	Air	TO-15	
480-15056-2	AS Effluent	T	Air	TO-15	

Report Basis

T = Total

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-15056-1

Laboratory Chronicle

Lab ID: 480-15056-1

Client ID: LRP Effluent

Sample Date/Time: 01/12/2012 07:00

Received Date/Time: 01/17/2012 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	480-15056-A-1		200-32534		01/19/2012 16:37	80.1	TAL BUR	WRD
A:TO-15	480-15056-A-1		200-32534		01/19/2012 16:37	80.1	TAL BUR	WRD

Lab ID: 480-15056-2

Client ID: AS Effluent

Sample Date/Time: 01/12/2012 07:00

Received Date/Time: 01/17/2012 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	480-15056-A-2		200-32534		01/19/2012 17:27	1	TAL BUR	WRD
A:TO-15	480-15056-A-2		200-32534		01/19/2012 17:27	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 200-32534/4		200-32534		01/19/2012 12:32	1	TAL BUR	WRD
A:TO-15	MB 200-32534/4		200-32534		01/19/2012 12:32	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 200-32534/3		200-32534		01/19/2012 11:42	1	TAL BUR	WRD
A:TO-15	LCS 200-32534/3		200-32534		01/19/2012 11:42	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Certification Summary

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

TestAmerica Job ID: 480-15056-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	ACCLASS	DoD ELAP		ADE-1492
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	Delaware	Delaware DNREC	3	NA
TestAmerica Burlington	Florida	NELAC Secondary AB	4	E87467
TestAmerica Burlington	Louisiana	NELAC Secondary AB	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	State Program	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAC	1	200610
TestAmerica Burlington	New Jersey	NELAC	2	VT972
TestAmerica Burlington	New York	NELAC	2	10391
TestAmerica Burlington	Pennsylvania	NELAC	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	USDA		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAC Secondary AB	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.: 480-15056-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: ckne003.d
 Lab ID: LCS 200-32534/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.56	96	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.60	96	70-130	
Chloromethane	10.0	8.95	89	70-130	
Vinyl chloride	10.0	9.41	94	70-130	
1,3-Butadiene	10.0	9.63	96	70-130	
Bromomethane	10.0	9.49	95	70-130	
Chloroethane	10.0	9.43	94	70-130	
Bromoethene (Vinyl Bromide)	10.0	9.78	98	70-130	
Trichlorofluoromethane	10.0	9.55	95	70-130	
Freon TF	10.0	10.4	104	70-130	
1,1-Dichloroethene	10.0	10.7	107	70-130	
Acetone	10.0	8.45	84	70-130	
Isopropyl alcohol	10.0	8.92	89	70-130	
Carbon disulfide	10.0	9.56	96	70-130	
3-Chloropropene	10.0	8.96	90	70-130	
Methylene Chloride	10.0	9.54	95	70-130	
tert-Butyl alcohol	10.0	8.94	89	70-130	
Methyl tert-butyl ether	10.0	8.66	87	70-130	
trans-1,2-Dichloroethene	10.0	9.28	93	70-130	
n-Hexane	10.0	9.24	92	70-130	
1,1-Dichloroethane	10.0	9.36	94	70-130	
Methyl Ethyl Ketone	10.0	8.29	83	70-130	
cis-1,2-Dichloroethene	10.0	9.82	98	70-130	
Chloroform	10.0	9.46	95	70-130	
Tetrahydrofuran	10.0	8.09	81	70-130	
1,1,1-Trichloroethane	10.0	9.40	94	70-130	
Cyclohexane	10.0	9.36	94	70-130	
Carbon tetrachloride	10.0	9.43	94	70-130	
2,2,4-Trimethylpentane	10.0	9.02	90	70-130	
Benzene	10.0	9.05	91	70-130	
1,2-Dichloroethane	10.0	9.05	91	70-130	
n-Heptane	10.0	8.79	88	70-130	
Trichloroethene	10.0	9.44	94	70-130	
1,2-Dichloropropane	10.0	8.84	88	70-130	
1,4-Dioxane	10.0	8.51	85	70-130	
Bromodichloromethane	10.0	9.66	97	70-130	
cis-1,3-Dichloropropene	10.0	9.01	90	70-130	
methyl isobutyl ketone	10.0	7.94	79	70-130	
Toluene	10.0	9.05	91	70-130	
trans-1,3-Dichloropropene	10.0	8.65	87	70-130	
1,1,2-Trichloroethane	10.0	8.59	86	70-130	
Tetrachloroethene	10.0	9.20	92	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.: 480-15056-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: ckne003.d
 Lab ID: LCS 200-32534/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Methyl Butyl Ketone (2-Hexanone)	10.0	7.74	77	70-130	
Dibromochloromethane	10.0	9.89	99	70-130	
1,2-Dibromoethane	10.0	9.06	91	70-130	
Chlorobenzene	10.0	8.96	90	70-130	
Ethylbenzene	10.0	8.77	88	70-130	
m,p-Xylene	20.0	17.2	86	70-130	
Xylene, o-	10.0	8.52	85	70-130	
Styrene	10.0	8.75	88	70-130	
Bromoform	10.0	9.47	95	70-130	
1,1,2,2-Tetrachloroethane	10.0	8.15	82	70-130	
4-Ethyltoluene	10.0	8.97	90	70-130	
1,3,5-Trimethylbenzene	10.0	8.63	86	70-130	
2-Chlorotoluene	10.0	8.88	89	70-130	
1,2,4-Trimethylbenzene	10.0	8.53	85	70-130	
1,3-Dichlorobenzene	10.0	8.46	85	70-130	
1,4-Dichlorobenzene	10.0	8.37	84	70-130	
1,2-Dichlorobenzene	10.0	8.22	82	70-130	
1,2,4-Trichlorobenzene	10.0	7.73	77	70-130	
Hexachlorobutadiene	10.0	7.51	75	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.: 480-15056-1
 SDG No.: _____
 Lab File ID: ckne004.d Lab Sample ID: MB 200-32534/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: C.i Date Analyzed: 01/19/2012 12:32
 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 200-32534/3	ckne003.d	01/19/2012 11:42
LRP Effluent	480-15056-1	ckne008.d	01/19/2012 16:37
AS Effluent	480-15056-2	ckne009.d	01/19/2012 17:27

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Lab File ID: ckn001.d BFB Injection Date: 01/12/2012
 Instrument ID: C.i BFB Injection Time: 15:51
 Analysis Batch No.: 32216

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.4	
75	30.0 - 66.0% of mass 95	48.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.1	
173	Less than 2.0% of mass 174	0.4	(0.5) 1
174	50.0 - 120.0% of mass 95	74.4	
175	4.0 - 9.0 % of mass 174	5.4	(7.2) 1
176	93.0 - 101.0% of mass 174	71.7	(96.3) 1
177	5.0 - 9.0% of mass 176	4.7	(6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-32216/3	ckn003.d	01/12/2012	17:27
	IC 200-32216/4	ckn004.d	01/12/2012	18:17
	IC 200-32216/5	ckn005.d	01/12/2012	19:07
	ICIS 200-32216/6	ckn006.d	01/12/2012	19:56
	IC 200-32216/7	ckn007.d	01/12/2012	20:47
	IC 200-32216/8	ckn008.d	01/12/2012	21:37
	IC 200-32216/9	ckn009.d	01/12/2012	22:26
	ICV 200-32216/12	ckn012.d	01/13/2012	00:56

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Lab File ID: ckne001.d BFB Injection Date: 01/19/2012
 Instrument ID: C.i BFB Injection Time: 09:59
 Analysis Batch No.: 32534

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	16.3	
75	30.0 - 66.0% of mass 95	47.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.3	(0.3) 1
174	50.0 - 120.0% of mass 95	78.2	
175	4.0 - 9.0 % of mass 174	5.4	(6.9) 1
176	93.0 - 101.0% of mass 174	74.7	(95.5) 1
177	5.0 - 9.0% of mass 176	4.9	(6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-32534/2	ckne002.d	01/19/2012	10:52
	LCS 200-32534/3	ckne003.d	01/19/2012	11:42
	MB 200-32534/4	ckne004.d	01/19/2012	12:32
LRP Effluent	480-15056-1	ckne008.d	01/19/2012	16:37
AS Effluent	480-15056-2	ckne009.d	01/19/2012	17:27

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Sample No.: ICIS 200-32216/6 Date Analyzed: 01/12/2012 19:56
 Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): ckn006.d Heated Purge: (Y/N) N
 Calibration ID: 12941

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	370433	11.13	2111595	12.44	1980776	16.37
UPPER LIMIT	518606	11.46	2956233	12.77	2773086	16.70
LOWER LIMIT	222260	10.80	1266957	12.11	1188466	16.04
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-32216/12		380296	11.12	2183812	12.44	1809282
						16.37

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Sample No.: CCVIS 200-32534/2 Date Analyzed: 01/19/2012 10:52
 Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): ckne002.d Heated Purge: (Y/N) N
 Calibration ID: 12941

	BCM		DFB		CBZ			
	AREA #	RT #	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	406637	11.12	2341328	12.44	2185810	16.36		
UPPER LIMIT	569292	11.45	3277859	12.77	3060134	16.69		
LOWER LIMIT	243982	10.79	1404797	12.11	1311486	16.03		
LAB SAMPLE ID	CLIENT SAMPLE ID							
LCS 200-32534/3			411828	11.12	2396706	12.44	2240734	16.36
MB 200-32534/4			371878	11.11	2226024	12.44	2066984	16.36
480-15056-1		LRP Effluent	325170	11.12	1884877	12.44	1749444	16.36
480-15056-2		AS Effluent	318174	11.12	1847461	12.44	1759218	16.36

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: LRP Effluent Lab Sample ID: 480-15056-1
 Matrix: Air Lab File ID: ckne008.d
 Analysis Method: TO-15 Date Collected: 01/12/2012 07:00
 Sample wt/vol: 33 (mL) Date Analyzed: 01/19/2012 16:37
 Soil Aliquot Vol: _____ Dilution Factor: 80.1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 32534 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		40	40
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		16	16
74-87-3	Chloromethane	50.49	ND		40	40
75-01-4	Vinyl chloride	62.50	53		16	16
106-99-0	1,3-Butadiene	54.09	ND		16	16
74-83-9	Bromomethane	94.94	ND		16	16
75-00-3	Chloroethane	64.52	ND		40	40
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		16	16
75-69-4	Trichlorofluoromethane	137.37	ND		16	16
76-13-1	Freon TF	187.38	ND		16	16
75-35-4	1,1-Dichloroethene	96.94	ND		16	16
67-64-1	Acetone	58.08	ND		400	400
67-63-0	Isopropyl alcohol	60.10	ND		400	400
75-15-0	Carbon disulfide	76.14	ND		40	40
107-05-1	3-Chloropropene	76.53	ND		40	40
75-09-2	Methylene Chloride	84.93	ND		40	40
75-65-0	tert-Butyl alcohol	74.12	ND		400	400
1634-04-4	Methyl tert-butyl ether	88.15	ND		16	16
156-60-5	trans-1,2-Dichloroethene	96.94	ND		16	16
110-54-3	n-Hexane	86.17	ND		16	16
75-34-3	1,1-Dichloroethane	98.96	28		16	16
78-93-3	Methyl Ethyl Ketone	72.11	ND		40	40
156-59-2	cis-1,2-Dichloroethene	96.94	1100		16	16
540-59-0	1,2-Dichloroethene, Total	96.94	1100		16	16
67-66-3	Chloroform	119.38	ND		16	16
109-99-9	Tetrahydrofuran	72.11	ND		400	400
71-55-6	1,1,1-Trichloroethane	133.41	46		16	16
110-82-7	Cyclohexane	84.16	ND		16	16
56-23-5	Carbon tetrachloride	153.81	ND		16	16
540-84-1	2,2,4-Trimethylpentane	114.23	ND		16	16
71-43-2	Benzene	78.11	ND		16	16
107-06-2	1,2-Dichloroethane	98.96	ND		16	16
142-82-5	n-Heptane	100.21	ND		16	16
79-01-6	Trichloroethene	131.39	1700		16	16
78-87-5	1,2-Dichloropropane	112.99	ND		16	16

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: LRP Effluent Lab Sample ID: 480-15056-1
 Matrix: Air Lab File ID: ckne008.d
 Analysis Method: TO-15 Date Collected: 01/12/2012 07:00
 Sample wt/vol: 33 (mL) Date Analyzed: 01/19/2012 16:37
 Soil Aliquot Vol: _____ Dilution Factor: 80.1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 32534 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	ND		400	400
75-27-4	Bromodichloromethane	163.83	ND		16	16
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		16	16
108-10-1	methyl isobutyl ketone	100.16	ND		40	40
108-88-3	Toluene	92.14	ND		16	16
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		16	16
79-00-5	1,1,2-Trichloroethane	133.41	ND		16	16
127-18-4	Tetrachloroethene	165.83	ND		16	16
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		40	40
124-48-1	Dibromochloromethane	208.29	ND		16	16
106-93-4	1,2-Dibromoethane	187.87	ND		16	16
108-90-7	Chlorobenzene	112.30	ND		16	16
100-41-4	Ethylbenzene	106.17	ND		16	16
179601-23-1	m,p-Xylene	106.17	ND		40	40
95-47-6	Xylene, o-	106.17	ND		16	16
1330-20-7	Xylene (total)	106.17	ND		16	16
100-42-5	Styrene	104.15	ND		16	16
75-25-2	Bromoform	252.75	ND		16	16
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		16	16
622-96-8	4-Ethyltoluene	120.20	ND		16	16
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		16	16
95-49-8	2-Chlorotoluene	126.59	ND		16	16
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		16	16
541-73-1	1,3-Dichlorobenzene	147.00	ND		16	16
106-46-7	1,4-Dichlorobenzene	147.00	ND		16	16
95-50-1	1,2-Dichlorobenzene	147.00	ND		16	16
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		40	40
87-68-3	Hexachlorobutadiene	260.76	ND		16	16

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: LRP Effluent Lab Sample ID: 480-15056-1
 Matrix: Air Lab File ID: ckne008.d
 Analysis Method: TO-15 Date Collected: 01/12/2012 07:00
 Sample wt/vol: 33 (mL) Date Analyzed: 01/19/2012 16:37
 Soil Aliquot Vol: _____ Dilution Factor: 80.1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 32534 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	200		200	200
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	110		110	110
74-87-3	Chloromethane	50.49	83		83	83
75-01-4	Vinyl chloride	62.50	140		41	41
106-99-0	1,3-Butadiene	54.09	35		35	35
74-83-9	Bromomethane	94.94	62		62	62
75-00-3	Chloroethane	64.52	110		110	110
593-60-2	Bromoethene (Vinyl Bromide)	106.96	70		70	70
75-69-4	Trichlorofluoromethane	137.37	90		90	90
76-13-1	Freon TF	187.38	120		120	120
75-35-4	1,1-Dichloroethene	96.94	64		64	64
67-64-1	Acetone	58.08	950		950	950
67-63-0	Isopropyl alcohol	60.10	980		980	980
75-15-0	Carbon disulfide	76.14	120		120	120
107-05-1	3-Chloropropene	76.53	130		130	130
75-09-2	Methylene Chloride	84.93	140		140	140
75-65-0	tert-Butyl alcohol	74.12	1200		1200	1200
1634-04-4	Methyl tert-butyl ether	88.15	58		58	58
156-60-5	trans-1,2-Dichloroethene	96.94	64		64	64
110-54-3	n-Hexane	86.17	56		56	56
75-34-3	1,1-Dichloroethane	98.96	110		65	65
78-93-3	Methyl Ethyl Ketone	72.11	120		120	120
156-59-2	cis-1,2-Dichloroethene	96.94	4500		64	64
540-59-0	1,2-Dichloroethene, Total	96.94	4500		64	64
67-66-3	Chloroform	119.38	78		78	78
109-99-9	Tetrahydrofuran	72.11	1200		1200	1200
71-55-6	1,1,1-Trichloroethane	133.41	250		87	87
110-82-7	Cyclohexane	84.16	55		55	55
56-23-5	Carbon tetrachloride	153.81	100		100	100
540-84-1	2,2,4-Trimethylpentane	114.23	75		75	75
71-43-2	Benzene	78.11	51		51	51
107-06-2	1,2-Dichloroethane	98.96	65		65	65
142-82-5	n-Heptane	100.21	66		66	66
79-01-6	Trichloroethene	131.39	9400		86	86
78-87-5	1,2-Dichloropropane	112.99	74		74	74

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: LRP Effluent Lab Sample ID: 480-15056-1
 Matrix: Air Lab File ID: ckne008.d
 Analysis Method: TO-15 Date Collected: 01/12/2012 07:00
 Sample wt/vol: 33 (mL) Date Analyzed: 01/19/2012 16:37
 Soil Aliquot Vol: _____ Dilution Factor: 80.1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 32534 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	1400		1400	1400
75-27-4	Bromodichloromethane	163.83	110		110	110
10061-01-5	cis-1,3-Dichloropropene	110.97	73		73	73
108-10-1	methyl isobutyl ketone	100.16	160		160	160
108-88-3	Toluene	92.14	60		60	60
10061-02-6	trans-1,3-Dichloropropene	110.97	73		73	73
79-00-5	1,1,2-Trichloroethane	133.41	87		87	87
127-18-4	Tetrachloroethene	165.83	110		110	110
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	160		160	160
124-48-1	Dibromochloromethane	208.29	140		140	140
106-93-4	1,2-Dibromoethane	187.87	120		120	120
108-90-7	Chlorobenzene	112.30	74		74	74
100-41-4	Ethylbenzene	106.17	70		70	70
179601-23-1	m,p-Xylene	106.17	170		170	170
95-47-6	Xylene, o-	106.17	70		70	70
1330-20-7	Xylene (total)	106.17	70		70	70
100-42-5	Styrene	104.15	68		68	68
75-25-2	Bromoform	252.75	170		170	170
79-34-5	1,1,2,2-Tetrachloroethane	167.85	110		110	110
622-96-8	4-Ethyltoluene	120.20	79		79	79
108-67-8	1,3,5-Trimethylbenzene	120.20	79		79	79
95-49-8	2-Chlorotoluene	126.59	83		83	83
95-63-6	1,2,4-Trimethylbenzene	120.20	79		79	79
541-73-1	1,3-Dichlorobenzene	147.00	96		96	96
106-46-7	1,4-Dichlorobenzene	147.00	96		96	96
95-50-1	1,2-Dichlorobenzene	147.00	96		96	96
120-82-1	1,2,4-Trichlorobenzene	181.45	300		300	300
87-68-3	Hexachlorobutadiene	260.76	170		170	170

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 480-15056-1
 Client Smp ID: LRP Effluent
 Inj Date : 19-JAN-2012 16:37
 Operator : pad Inst ID: C.i
 Smp Info : 480-15056-A-1
 Misc Info : 33,80.1 to15all cdf13.21
 Comment :
 Method : /chem/C.i/Csvr.p/ckneto15.b/to15v5.m
 Meth Date : 20-Jan-2012 11:29 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.d
 Als bottle: 8
 Dil Factor: 80.10000
 Integrator: HP RTE Compound Sublist: TO15all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	80.10000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	33.00000	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)
2 Dichlorodifluoromethane	85							
4 1,2-Dichloro-1,1,2,2-tetraflu	85							
5 Chloromethane	50							
7 Vinyl chloride	62		5.767	5.767	(0.519)	25635	0.66252	53
8 1,3-Butadiene	54							
9 Bromomethane	94							
10 Chloroethane	64							
12 Vinyl bromide	106							
13 Trichlorofluoromethane	101							
17 1,1,2-Trichloro-1,2,2-trifluo	101							
19 1,1-Dichloroethene	96							
20 Acetone	43		8.254	8.211	(0.742)	6418	0.12102	9.7(a)
21 Carbon disulfide	76							
22 Isopropanol	45							

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
23 Allyl chloride	41							
25 Methylene chloride	49		8.900	8.910	(0.800)	6412	0.16087	13(a)
26 Tert-butyl alcohol	59							
27 Methyl tert-butyl ether	73							
28 1,2-Dichloroethene (trans)	61		9.273	9.279	(0.834)	6976	0.12430	10(a)
30 n-Hexane	57		9.572	9.572	(0.861)	3544	0.05476	4.4(aQ)
31 1,1-Dichloroethane	63		9.940	9.951	(0.894)	24864	0.35211	28
M 33 1,2-Dichloroethene, Total	61					589607	14.1507	1100
34 1,2-Dichloroethene (cis)	96		10.768	10.773	(0.968)	582631	14.0264	1100
36 Methyl Ethyl Ketone	72							
* 37 Bromochloromethane	128		11.120	11.125	(1.000)	325170	10.0000	(Q)
38 Tetrahydrofuran	42							
39 Chloroform	83							
40 Cyclohexane	84							
41 1,1,1-Trichloroethane	97		11.451	11.451	(0.921)	55565	0.57613	46
42 Carbon tetrachloride	117							
43 2,2,4-Trimethylpentane	57							
44 Benzene	78							
45 1,2-Dichloroethane	62							
46 n-Heptane	43		12.118	12.129	(0.974)	2978	0.03810	3.1(a)
* 47 1,4-Difluorobenzene	114		12.438	12.443	(1.000)	1884877	10.0000	
49 Trichloroethene	95		12.806	12.812	(1.030)	1311409	21.7924	1700
50 1,2-Dichloropropane	63							
53 1,4-Dioxane	88							
54 Bromodichloromethane	83							
55 1,3-Dichloropropene (cis)	75							
56 Methyl isobutyl ketone	43							
58 Toluene	92		14.551	14.557	(0.889)	10565	0.10877	8.7(a)
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		16.361	16.366	(1.000)	1749444	10.0000	
66 Chlorobenzene	112							
68 Ethylbenzene	91							
69 Xylene (m,p)	106							
M 70 Xylenes, Total	106							
71 Xylene (o)	106							
72 Styrene	104							
73 Bromoform	173							
75 1,1,2,2-Tetrachloroethane	83							
79 4-Ethyltoluene	105							
80 2-Chlorotoluene	91							
81 1,3,5-Trimethylbenzene	105							
84 1,2,4-Trimethylbenzene	105							

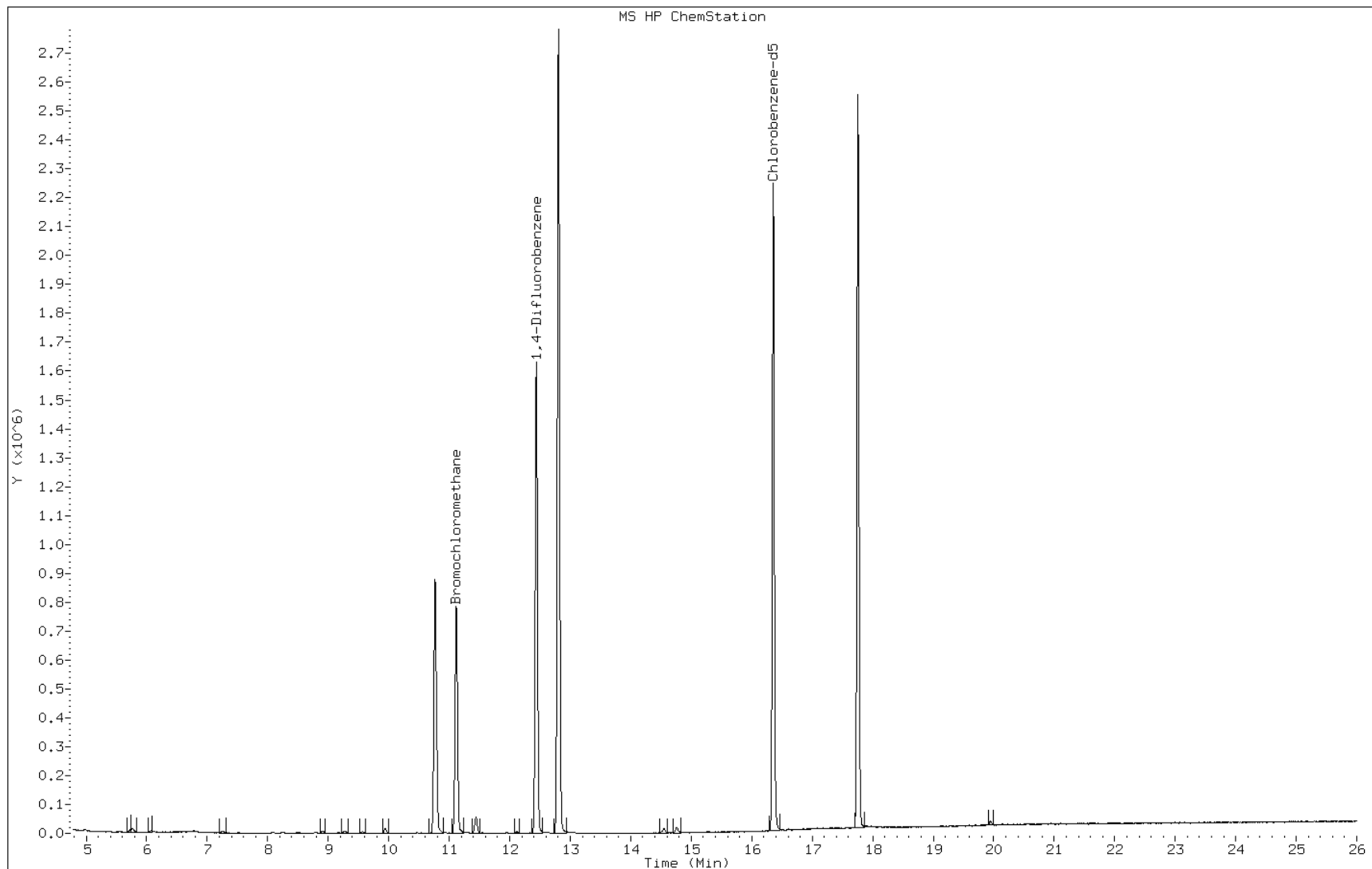
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	
87 1,3-Dichlorobenzene	146				Compound Not Detected.		
88 1,4-Dichlorobenzene	146				Compound Not Detected.		
92 1,2-Dichlorobenzene	146				Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225				Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: ckne008.d
Client ID: LRP Effluent
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 480-15056-A-1
Lab Sample ID: 480-15056-1

Date: 19-JAN-2012 16:37
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Data File: ckne008.d

Lab Sample ID: 480-15056-1

Date: 19-JAN-2012 16:37

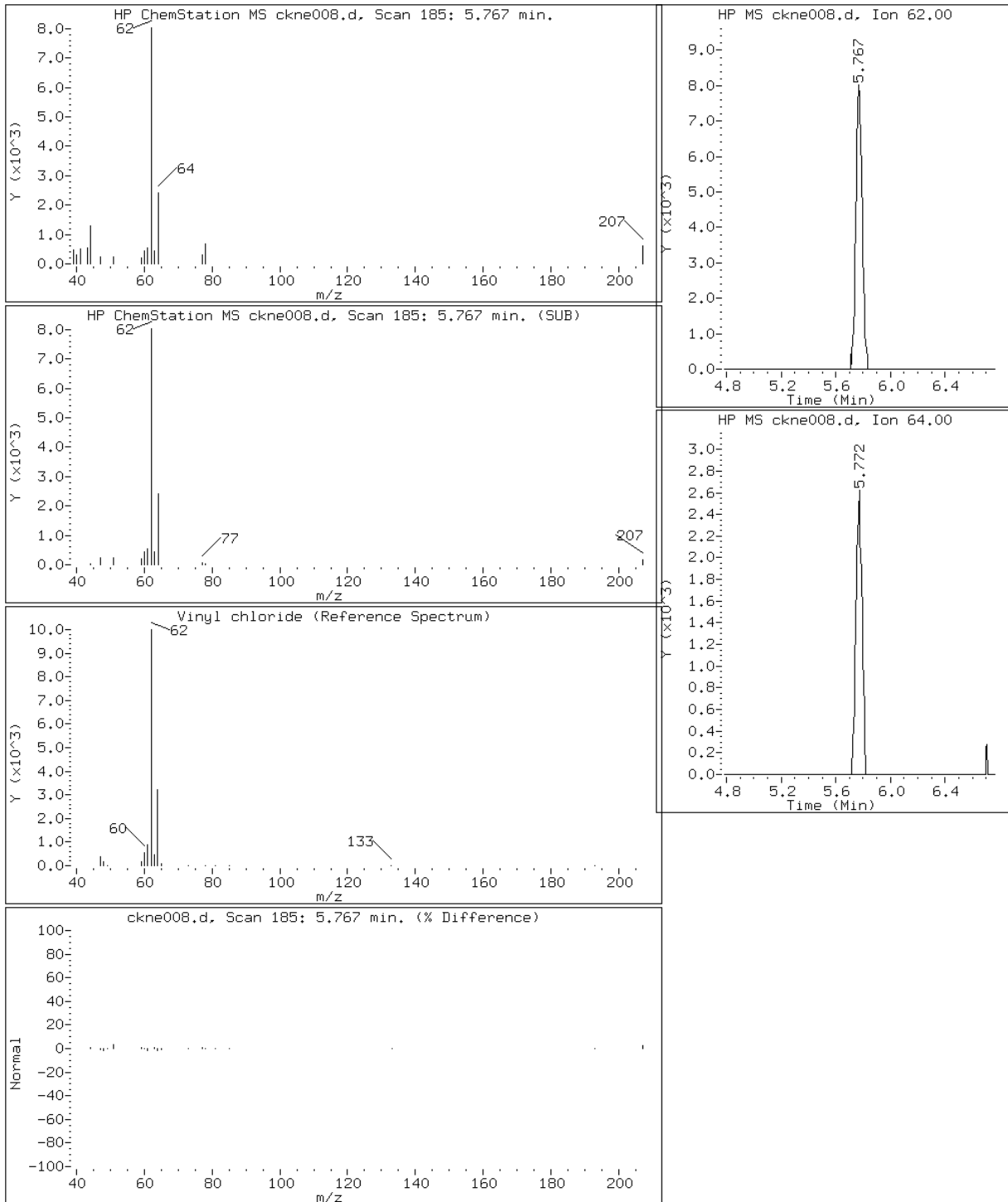
Client ID: LRP Effluent

Instrument: C.i

Sample Info: 480-15056-A-1

Operator: pad

7 Vinyl chloride



Data File: ckne008.d

Lab Sample ID: 480-15056-1

Date: 19-JAN-2012 16:37

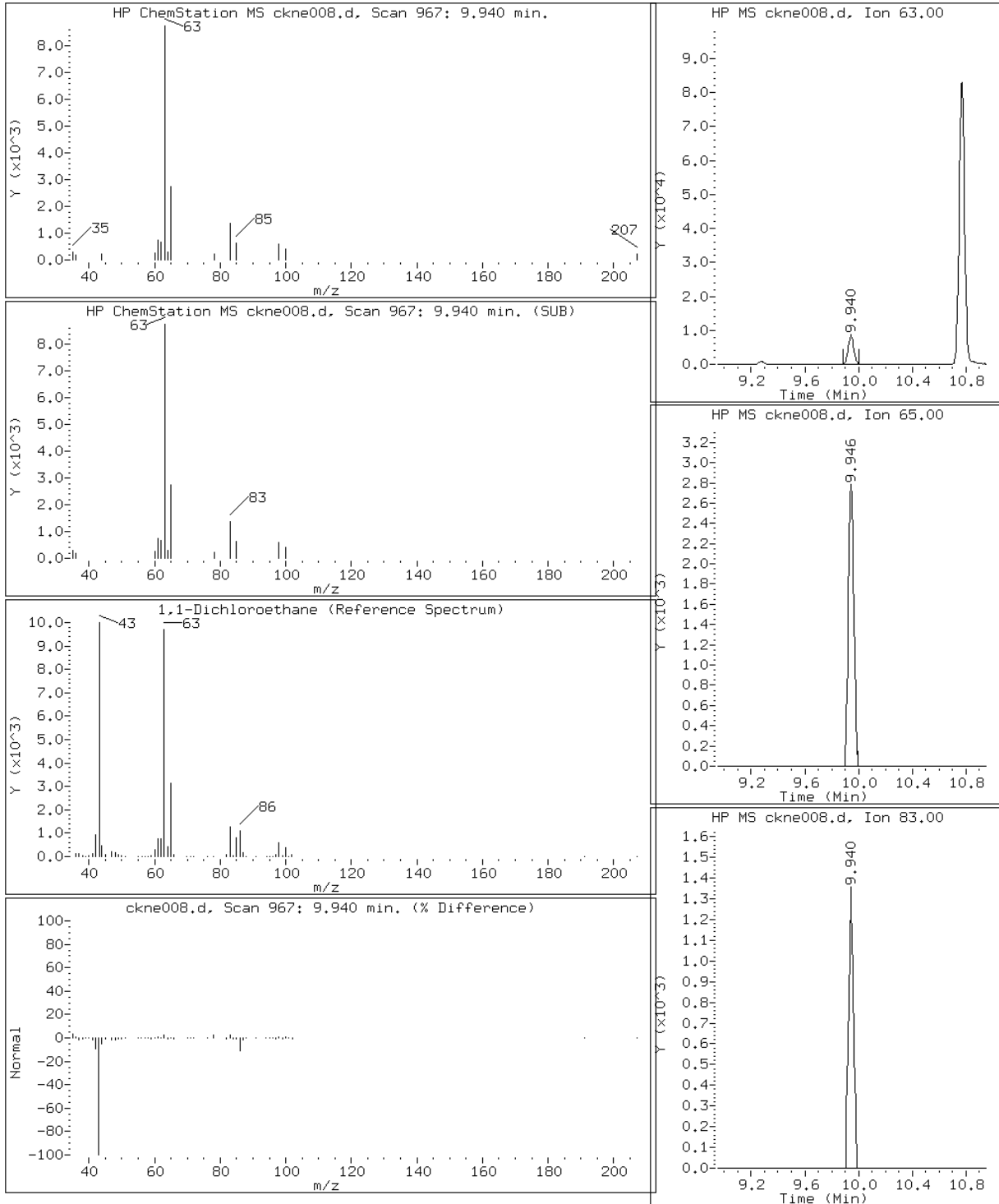
Client ID: LRP Effluent

Instrument: C.i

Sample Info: 480-15056-A-1

Operator: pad

31 1,1-Dichloroethane



Data File: ckne008.d

Lab Sample ID: 480-15056-1

Date: 19-JAN-2012 16:37

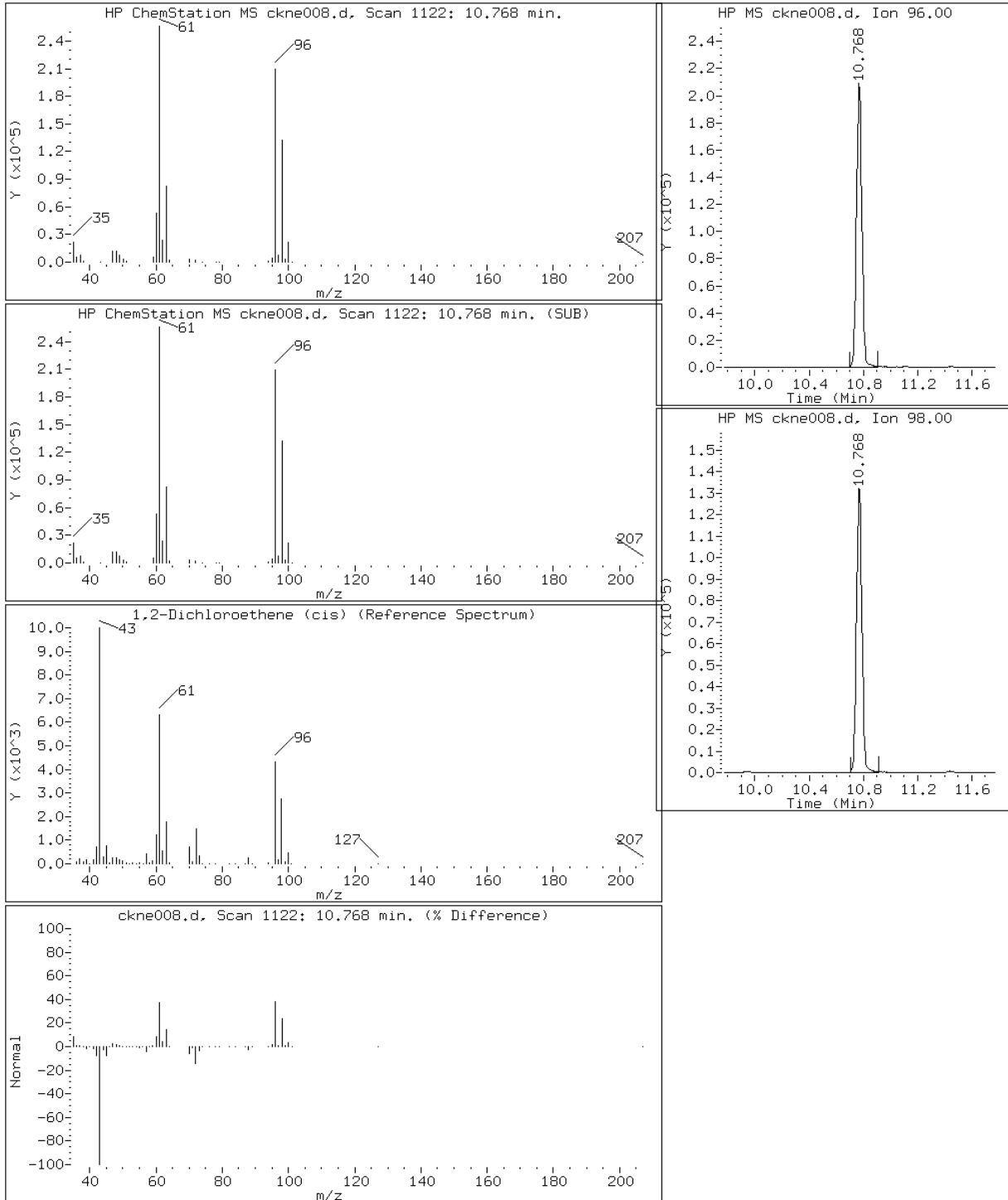
Client ID: LRP Effluent

Instrument: C.i

Sample Info: 480-15056-A-1

Operator: pad

34 1,2-Dichloroethene (cis)



Data File: ckne008.d

Lab Sample ID: 480-15056-1

Date: 19-JAN-2012 16:37

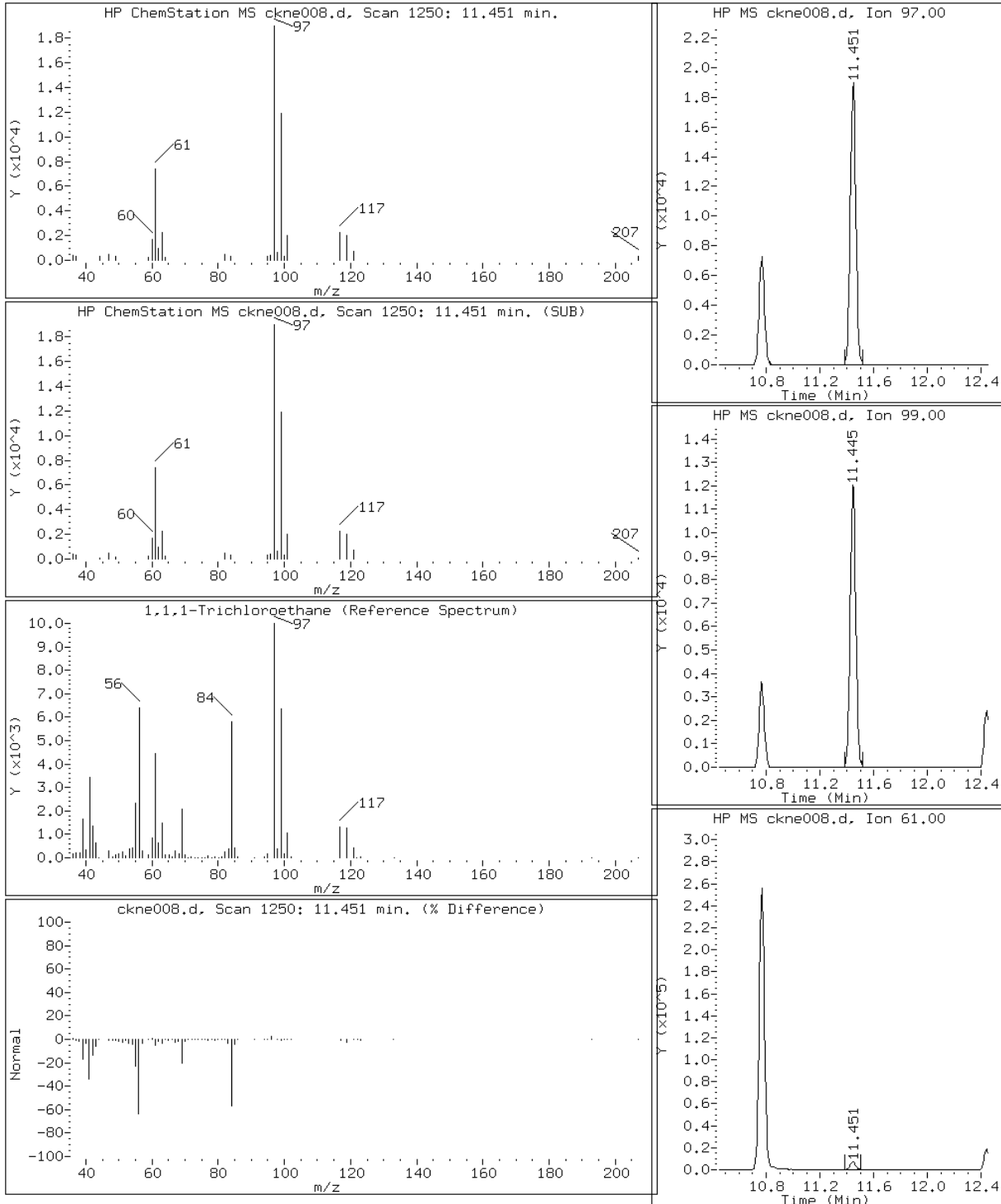
Client ID: LRP Effluent

Instrument: C.i

Sample Info: 480-15056-A-1

Operator: pad

41 1,1,1-Trichloroethane



Data File: ckne008.d

Lab Sample ID: 480-15056-1

Date: 19-JAN-2012 16:37

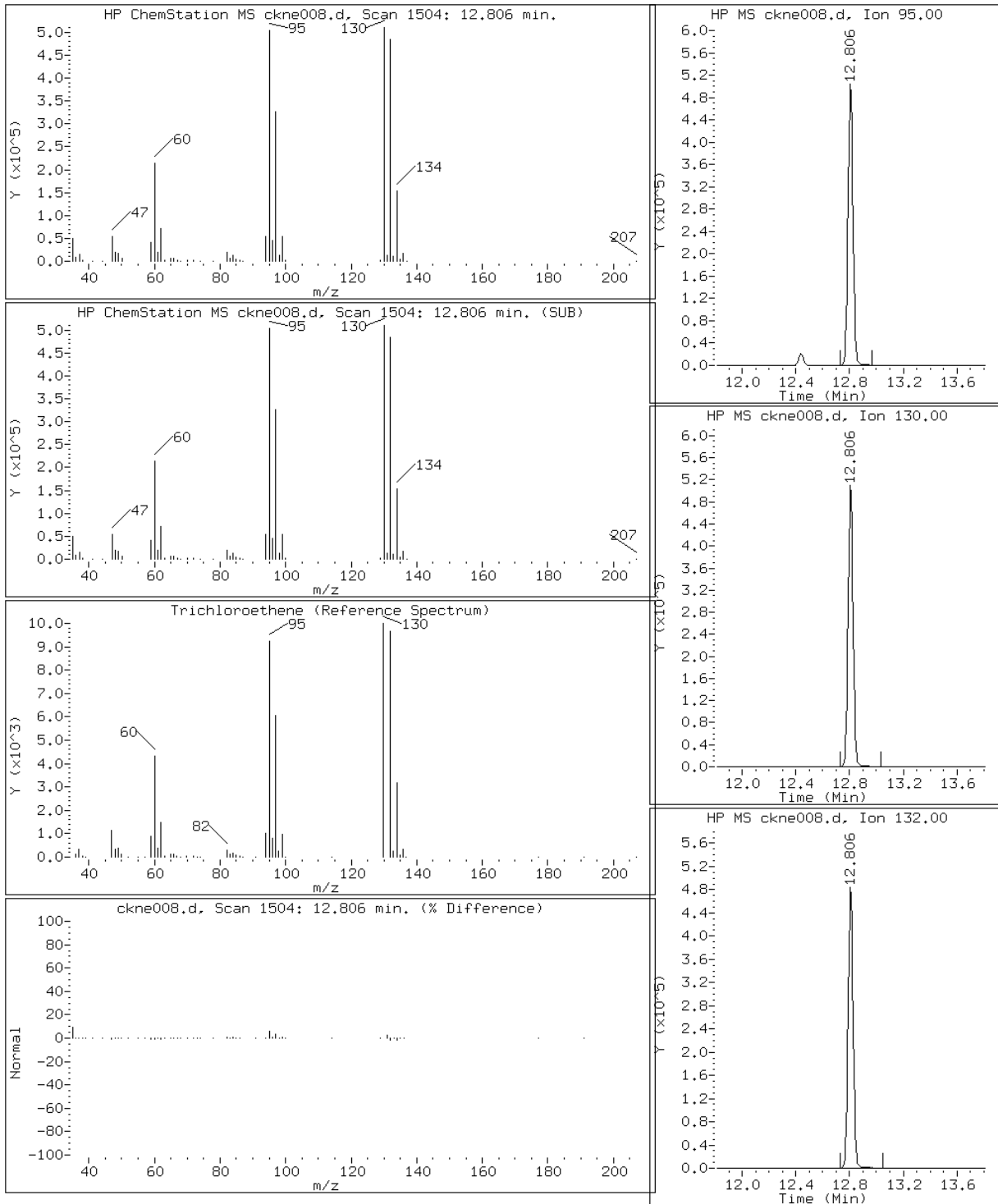
Client ID: LRP Effluent

Instrument: C.i

Sample Info: 480-15056-A-1

Operator: pad

49 Trichloroethene



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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: AS Effluent Lab Sample ID: 480-15056-2
 Matrix: Air Lab File ID: ckne009.d
 Analysis Method: TO-15 Date Collected: 01/12/2012 07:00
 Sample wt/vol: 200 (mL) Date Analyzed: 01/19/2012 17:27
 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.: 32534 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.20	0.20
74-87-3	Chloromethane	50.49	ND		0.50	0.50
75-01-4	Vinyl chloride	62.50	0.80		0.20	0.20
106-99-0	1,3-Butadiene	54.09	ND		0.20	0.20
74-83-9	Bromomethane	94.94	ND		0.20	0.20
75-00-3	Chloroethane	64.52	3.6		0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	ND		0.20	0.20
76-13-1	Freon TF	187.38	ND		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	ND		0.20	0.20
67-64-1	Acetone	58.08	ND		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	ND		5.0	5.0
75-15-0	Carbon disulfide	76.14	ND		0.50	0.50
107-05-1	3-Chloropropene	76.53	ND		0.50	0.50
75-09-2	Methylene Chloride	84.93	0.60		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	ND		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.20	0.20
110-54-3	n-Hexane	86.17	0.38		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	0.54		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	ND		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	3.7		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	3.8		0.20	0.20
67-66-3	Chloroform	119.38	ND		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	ND		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.20	0.20
110-82-7	Cyclohexane	84.16	ND		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	ND		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	0.20
71-43-2	Benzene	78.11	ND		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	ND		0.20	0.20
142-82-5	n-Heptane	100.21	ND		0.20	0.20
79-01-6	Trichloroethene	131.39	2.0		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: AS Effluent Lab Sample ID: 480-15056-2
 Matrix: Air Lab File ID: ckne009.d
 Analysis Method: TO-15 Date Collected: 01/12/2012 07:00
 Sample wt/vol: 200 (mL) Date Analyzed: 01/19/2012 17:27
 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.: 32534 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	ND		5.0	5.0
75-27-4	Bromodichloromethane	163.83	ND		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	ND		0.50	0.50
108-88-3	Toluene	92.14	0.31		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.20	0.20
127-18-4	Tetrachloroethene	165.83	ND		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		0.50	0.50
124-48-1	Dibromochloromethane	208.29	ND		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	ND		0.20	0.20
108-90-7	Chlorobenzene	112.30	ND		0.20	0.20
100-41-4	Ethylbenzene	106.17	ND		0.20	0.20
179601-23-1	m,p-Xylene	106.17	ND		0.50	0.50
95-47-6	Xylene, o-	106.17	ND		0.20	0.20
1330-20-7	Xylene (total)	106.17	0.22		0.20	0.20
100-42-5	Styrene	104.15	ND		0.20	0.20
75-25-2	Bromoform	252.75	ND		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	ND		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	ND		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	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
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	ND		0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: AS Effluent Lab Sample ID: 480-15056-2
 Matrix: Air Lab File ID: ckne009.d
 Analysis Method: TO-15 Date Collected: 01/12/2012 07:00
 Sample wt/vol: 200 (mL) Date Analyzed: 01/19/2012 17:27
 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.: 32534 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	2.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4		1.4	1.4
74-87-3	Chloromethane	50.49	1.0		1.0	1.0
75-01-4	Vinyl chloride	62.50	2.1		0.51	0.51
106-99-0	1,3-Butadiene	54.09	0.44		0.44	0.44
74-83-9	Bromomethane	94.94	0.78		0.78	0.78
75-00-3	Chloroethane	64.52	9.6		1.3	1.3
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87		0.87	0.87
75-69-4	Trichlorofluoromethane	137.37	1.1		1.1	1.1
76-13-1	Freon TF	187.38	1.5		1.5	1.5
75-35-4	1,1-Dichloroethene	96.94	0.79		0.79	0.79
67-64-1	Acetone	58.08	12		12	12
67-63-0	Isopropyl alcohol	60.10	12		12	12
75-15-0	Carbon disulfide	76.14	1.6		1.6	1.6
107-05-1	3-Chloropropene	76.53	1.6		1.6	1.6
75-09-2	Methylene Chloride	84.93	2.1		1.7	1.7
75-65-0	tert-Butyl alcohol	74.12	15		15	15
1634-04-4	Methyl tert-butyl ether	88.15	0.72		0.72	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	0.79		0.79	0.79
110-54-3	n-Hexane	86.17	1.3		0.70	0.70
75-34-3	1,1-Dichloroethane	98.96	2.2		0.81	0.81
78-93-3	Methyl Ethyl Ketone	72.11	1.5		1.5	1.5
156-59-2	cis-1,2-Dichloroethene	96.94	15		0.79	0.79
540-59-0	1,2-Dichloroethene, Total	96.94	15		0.79	0.79
67-66-3	Chloroform	119.38	0.98		0.98	0.98
109-99-9	Tetrahydrofuran	72.11	15		15	15
71-55-6	1,1,1-Trichloroethane	133.41	1.1		1.1	1.1
110-82-7	Cyclohexane	84.16	0.69		0.69	0.69
56-23-5	Carbon tetrachloride	153.81	1.3		1.3	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	0.93		0.93	0.93
71-43-2	Benzene	78.11	0.64		0.64	0.64
107-06-2	1,2-Dichloroethane	98.96	0.81		0.81	0.81
142-82-5	n-Heptane	100.21	0.82		0.82	0.82
79-01-6	Trichloroethene	131.39	11		1.1	1.1
78-87-5	1,2-Dichloropropane	112.99	0.92		0.92	0.92

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: AS Effluent Lab Sample ID: 480-15056-2
 Matrix: Air Lab File ID: ckne009.d
 Analysis Method: TO-15 Date Collected: 01/12/2012 07:00
 Sample wt/vol: 200 (mL) Date Analyzed: 01/19/2012 17:27
 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.: 32534 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	18		18	18
75-27-4	Bromodichloromethane	163.83	1.3		1.3	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91		0.91	0.91
108-10-1	methyl isobutyl ketone	100.16	2.0		2.0	2.0
108-88-3	Toluene	92.14	1.2		0.75	0.75
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91		0.91	0.91
79-00-5	1,1,2-Trichloroethane	133.41	1.1		1.1	1.1
127-18-4	Tetrachloroethene	165.83	1.4		1.4	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0		2.0	2.0
124-48-1	Dibromochloromethane	208.29	1.7		1.7	1.7
106-93-4	1,2-Dibromoethane	187.87	1.5		1.5	1.5
108-90-7	Chlorobenzene	112.30	0.92		0.92	0.92
100-41-4	Ethylbenzene	106.17	0.87		0.87	0.87
179601-23-1	m,p-Xylene	106.17	2.2		2.2	2.2
95-47-6	Xylene, o-	106.17	0.87		0.87	0.87
1330-20-7	Xylene (total)	106.17	0.97		0.87	0.87
100-42-5	Styrene	104.15	0.85		0.85	0.85
75-25-2	Bromoform	252.75	2.1		2.1	2.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4		1.4	1.4
622-96-8	4-Ethyltoluene	120.20	0.98		0.98	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98		0.98	0.98
95-49-8	2-Chlorotoluene	126.59	1.0		1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98		0.98	0.98
541-73-1	1,3-Dichlorobenzene	147.00	1.2		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	1.2		1.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	1.2		1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7		3.7	3.7
87-68-3	Hexachlorobutadiene	260.76	2.1		2.1	2.1

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 480-15056-2
 Client Smp ID: AS Effluent
 Inj Date : 19-JAN-2012 17:27
 Operator : pad
 Smp Info : 480-15056-A-2
 Misc Info : 200,1 to15all
 Comment :
 Method : /chem/C.i/Csvr.p/ckneto15.b/to15v5.m
 Meth Date : 20-Jan-2012 11:29 wrd
 Cal Date : 12-JAN-2012 22:26
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: C.i
 Quant Type: ISTD
 Cal File: ckn009.d
 Compound Sublist: TO15all.sub

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	FINAL
	MASS						(ppb v/v)	(ppb v/v)
=====	=====	=====	=====	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		5.052	5.057	(0.454)	37134	0.36176	0.36(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		Compound Not Detected.					
5 Chloromethane	50		5.511	5.516	(0.496)	12952	0.41633	0.42(a)
7 Vinyl chloride	62		5.767	5.767	(0.519)	30406	0.80311	0.80
8 1,3-Butadiene	54		Compound Not Detected.					
9 Bromomethane	94		Compound Not Detected.					
10 Chloroethane	64		6.712	6.712	(0.604)	74999	3.62731	3.6
12 Vinyl bromide	106		Compound Not Detected.					
13 Trichlorofluoromethane	101		7.144	7.149	(0.642)	17269	0.16609	0.17(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101		8.014	8.014	(0.721)	3839	0.05296	0.053(aQ)
19 1,1-Dichloroethene	96		Compound Not Detected.					
20 Acetone	43		8.233	8.211	(0.740)	63284	1.21959	1.2(a)
21 Carbon disulfide	76		Compound Not Detected.					
22 Isopropanol	45		8.387	8.350	(0.754)	13828	0.38832	0.39(a)
23 Allyl chloride	41		Compound Not Detected.					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)	
25 Methylene chloride	49	8.905	8.910	(0.801)	23279	0.59690	0.60	
26 Tert-butyl alcohol	59	Compound Not Detected.						
27 Methyl tert-butyl ether	73	Compound Not Detected.						
28 1,2-Dichloroethene (trans)	61	9.273	9.279	(0.834)	6719	0.12235	0.12(a)	
30 n-Hexane	57	9.567	9.572	(0.860)	24169	0.38168	0.38	
31 1,1-Dichloroethane	63	9.935	9.951	(0.893)	37318	0.54009	0.54	
M 33 1,2-Dichloroethene, Total	61					156089	3.79740	3.8
34 1,2-Dichloroethene (cis)	96	10.768	10.773	(0.968)	149370	3.67504	3.7	
36 Methyl Ethyl Ketone	72	10.784	10.762	(0.970)	5157	0.27119	0.27(aQM)	
* 37 Bromochloromethane	128	11.120	11.125	(1.000)	318174	10.0000	(Q)	
38 Tetrahydrofuran	42	11.184	11.152	(0.899)	4824	0.11777	0.12(a)	
39 Chloroform	83	Compound Not Detected.						
40 Cyclohexane	84	11.467	11.477	(0.922)	9609	0.15831	0.16(aQ)	
41 1,1,1-Trichloroethane	97	11.440	11.451	(0.920)	8913	0.09429	0.094(a)	
42 Carbon tetrachloride	117	11.638	11.648	(0.936)	5129	0.05327	0.053(a)	
43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
44 Benzene	78	11.947	11.958	(0.961)	22951	0.17431	0.17(a)	
45 1,2-Dichloroethane	62	Compound Not Detected.						
46 n-Heptane	43	12.118	12.129	(0.974)	5790	0.07558	0.076(a)	
* 47 1,4-Difluorobenzene	114	12.438	12.443	(1.000)	1847461	10.0000		
49 Trichloroethene	95	12.806	12.812	(1.030)	118551	2.00993	2.0	
50 1,2-Dichloropropane	63	Compound Not Detected.						
53 1,4-Dioxane	88	13.340	13.303	(1.073)	1541	0.09932	0.099(a)	
54 Bromodichloromethane	83	Compound Not Detected.						
55 1,3-Dichloropropene (cis)	75	Compound Not Detected.						
56 Methyl isobutyl ketone	43	Compound Not Detected.						
58 Toluene	92	14.546	14.557	(0.889)	30395	0.31119	0.31	
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.						
60 1,1,2-Trichloroethane	83	Compound Not Detected.						
61 Tetrachloroethene	166	Compound Not Detected.						
62 2-Hexanone	43	Compound Not Detected.						
63 Dibromochloromethane	129	Compound Not Detected.						
64 1,2-Dibromoethane	107	Compound Not Detected.						
* 65 Chlorobenzene-d5	117	16.361	16.366	(1.000)	1759218	10.0000		
66 Chlorobenzene	112	Compound Not Detected.						
68 Ethylbenzene	91	16.457	16.462	(1.006)	12053	0.05574	0.056(a)	
69 Xylene (m,p)	106	16.590	16.601	(1.014)	13447	0.15822	0.16(a)	
M 70 Xylenes, Total	106					18697	0.22297	0.22
71 Xylene (o)	106	17.087	17.092	(1.044)	5250	0.06476	0.065(a)	
72 Styrene	104	Compound Not Detected.						
73 Bromoform	173	Compound Not Detected.						
75 1,1,2,2-Tetrachloroethane	83	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.						
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
87 1,3-Dichlorobenzene	146	Compound Not Detected.						

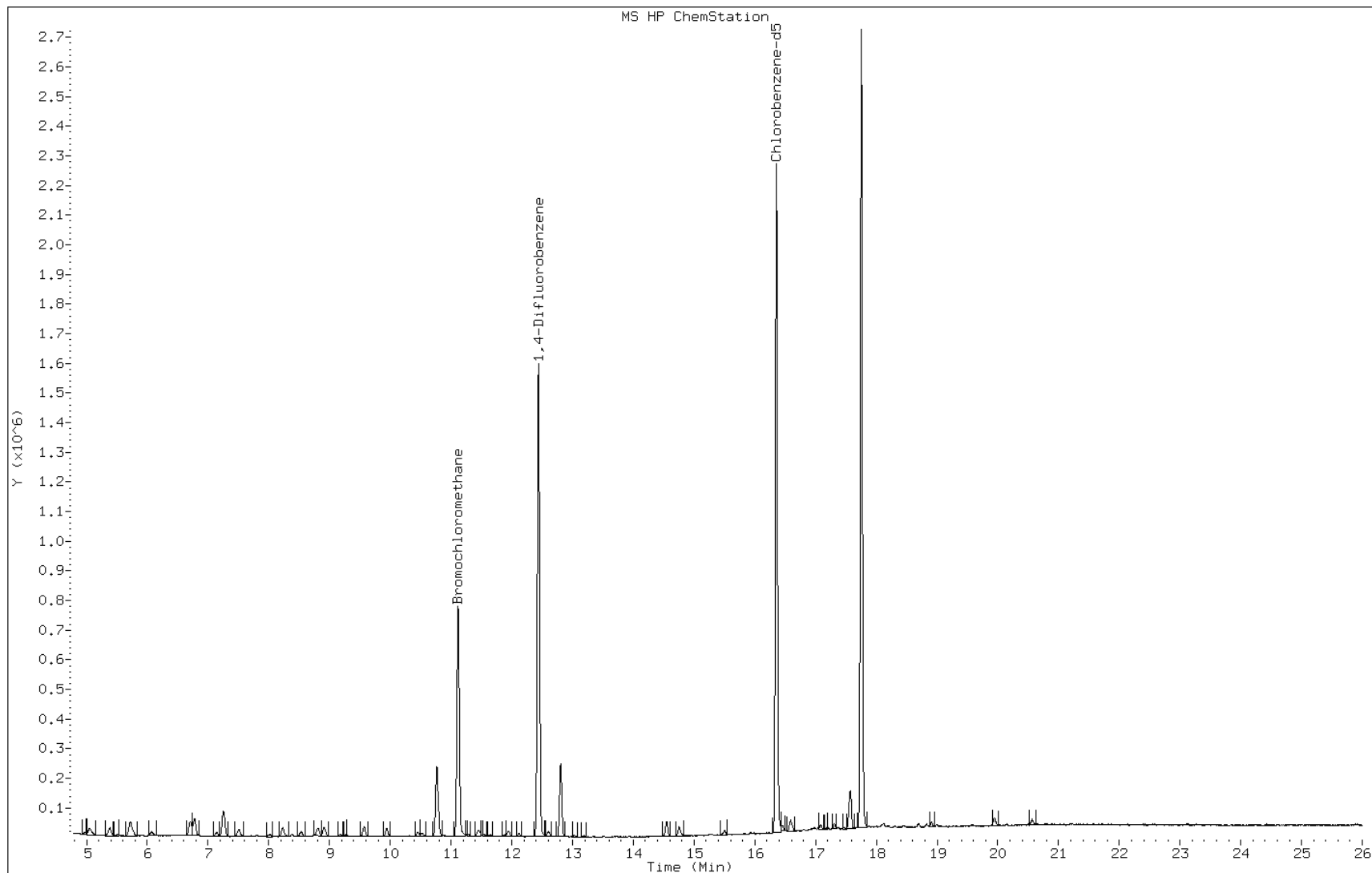
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	
88 1,4-Dichlorobenzene	146				Compound Not Detected.		
92 1,2-Dichlorobenzene	146				Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225				Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: ckne009.d
Client ID: AS Effluent
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 480-15056-A-2
Lab Sample ID: 480-15056-2

Date: 19-JAN-2012 17:27
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Data File: ckne009.d

Lab Sample ID: 480-15056-2

Date: 19-JAN-2012 17:27

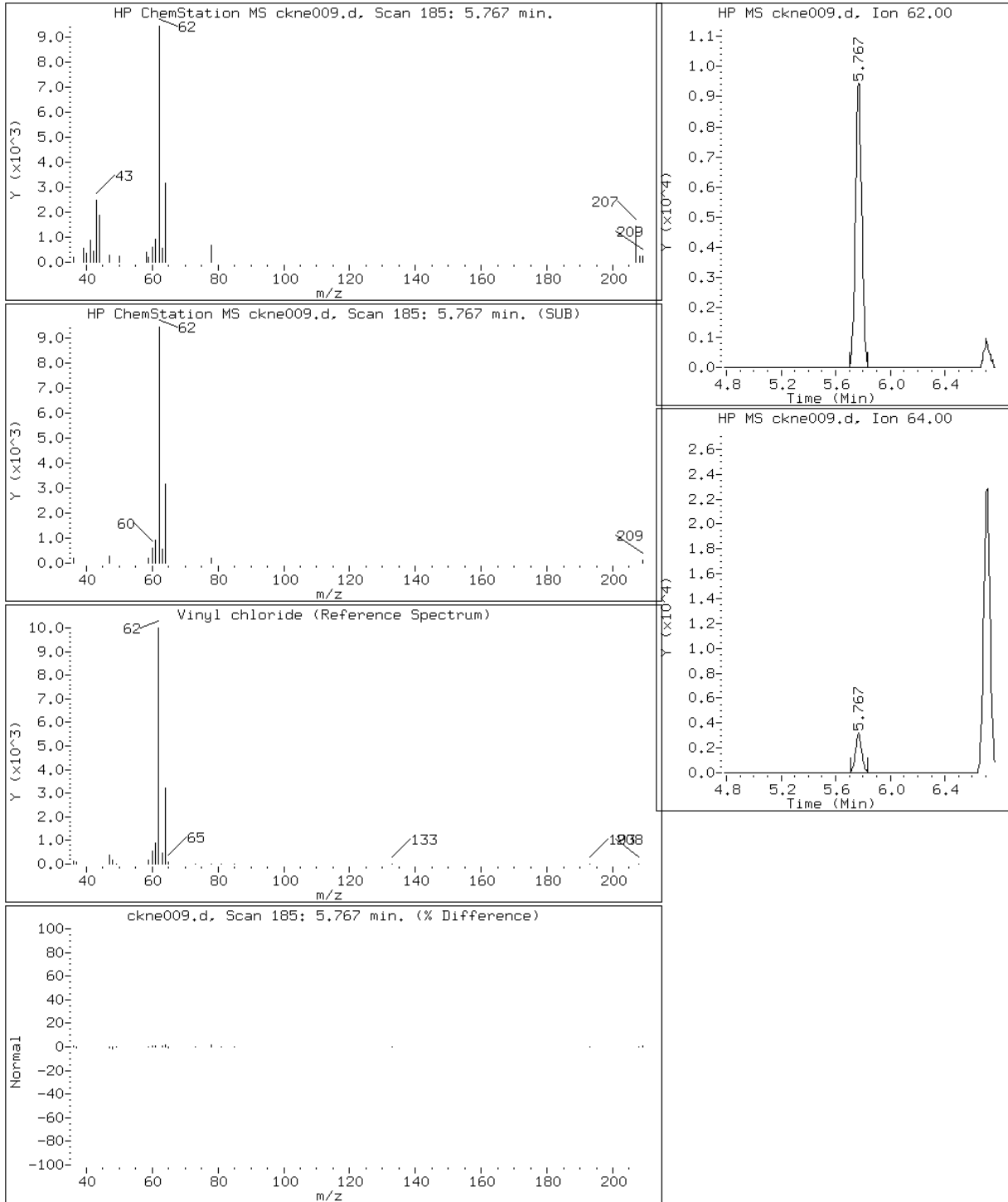
Client ID: AS Effluent

Instrument: C.i

Sample Info: 480-15056-A-2

Operator: pad

7 Vinyl chloride



Data File: ckne009.d

Lab Sample ID: 480-15056-2

Date: 19-JAN-2012 17:27

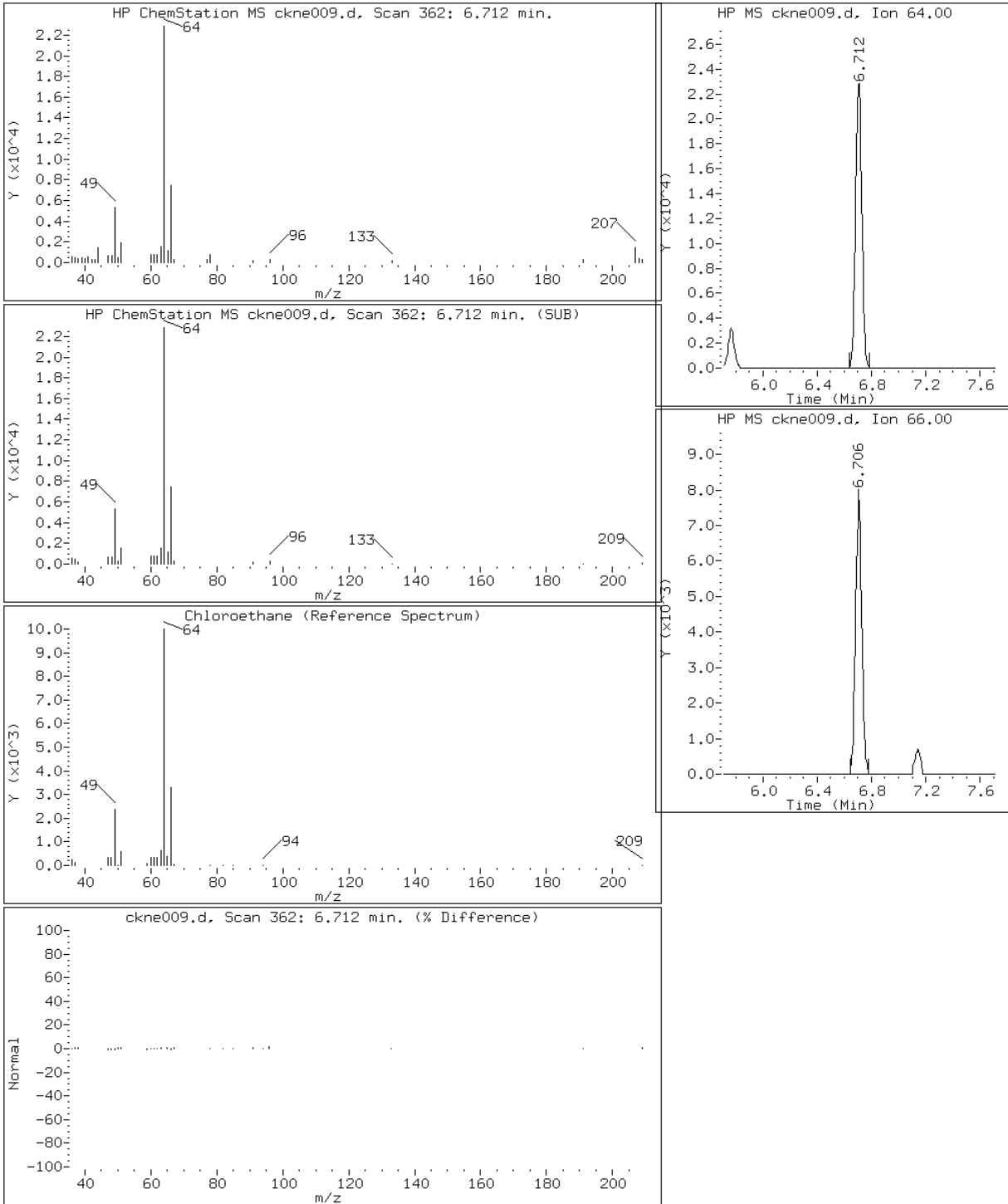
Client ID: AS Effluent

Instrument: C.i

Sample Info: 480-15056-A-2

Operator: pad

10 Chloroethane



Data File: ckne009.d

Lab Sample ID: 480-15056-2

Date: 19-JAN-2012 17:27

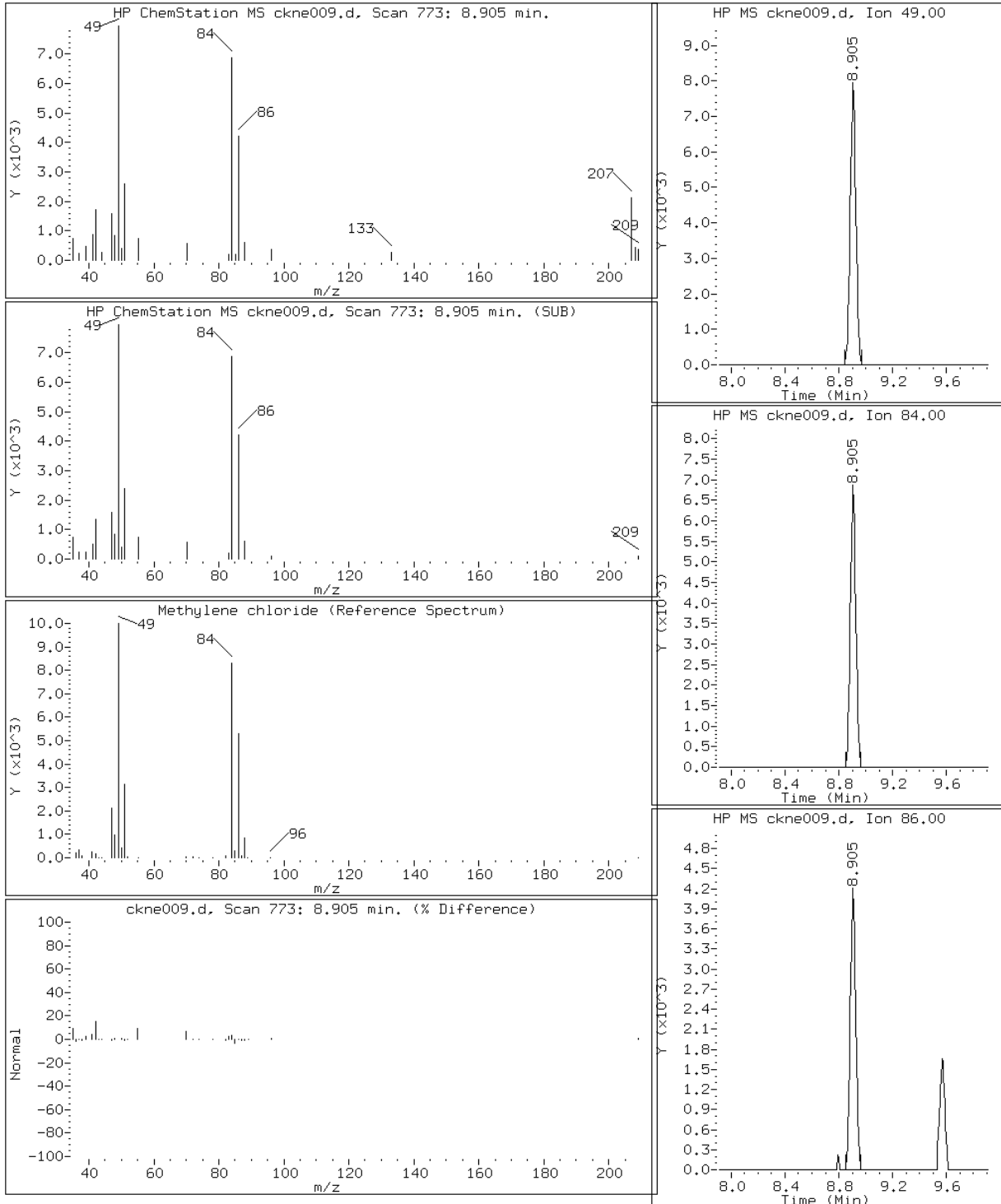
Client ID: AS Effluent

Instrument: C.i

Sample Info: 480-15056-A-2

Operator: pad

25 Methylene chloride



Data File: ckne009.d

Lab Sample ID: 480-15056-2

Date: 19-JAN-2012 17:27

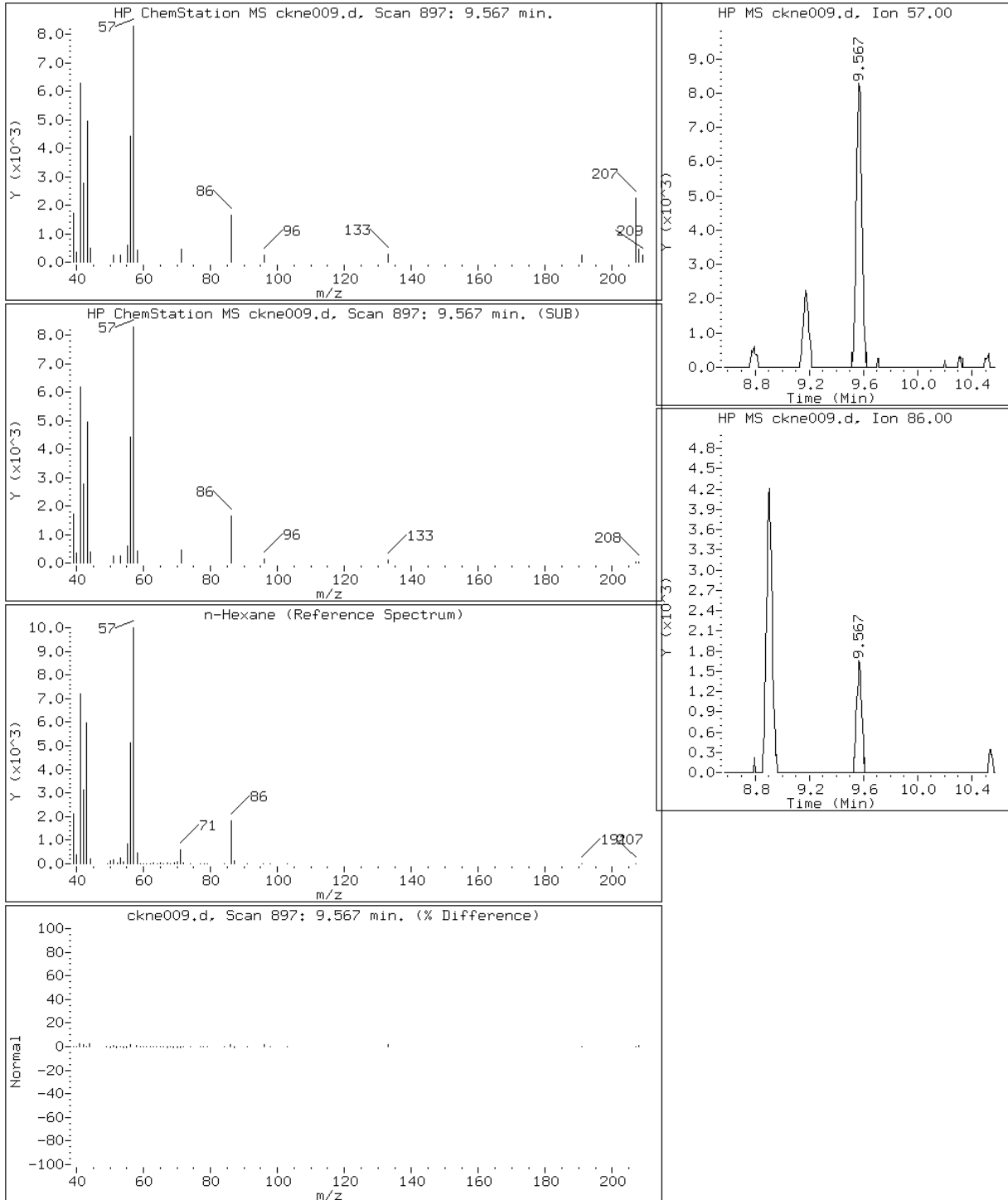
Client ID: AS Effluent

Instrument: C.i

Sample Info: 480-15056-A-2

Operator: pad

30 n-Hexane



Data File: ckne009.d

Lab Sample ID: 480-15056-2

Date: 19-JAN-2012 17:27

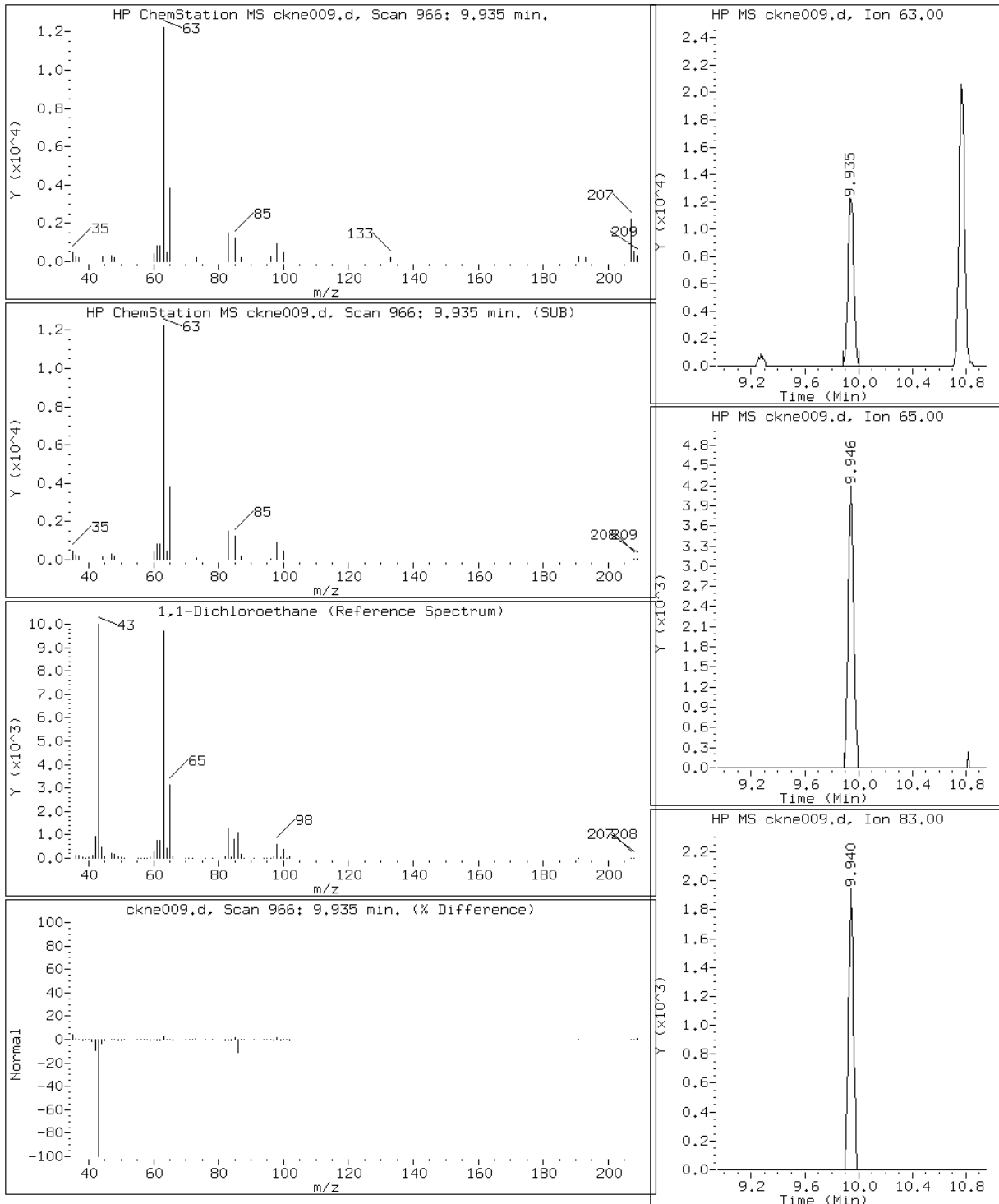
Client ID: AS Effluent

Instrument: C.i

Sample Info: 480-15056-A-2

Operator: pad

31 1,1-Dichloroethane



Data File: ckne009.d

Lab Sample ID: 480-15056-2

Date: 19-JAN-2012 17:27

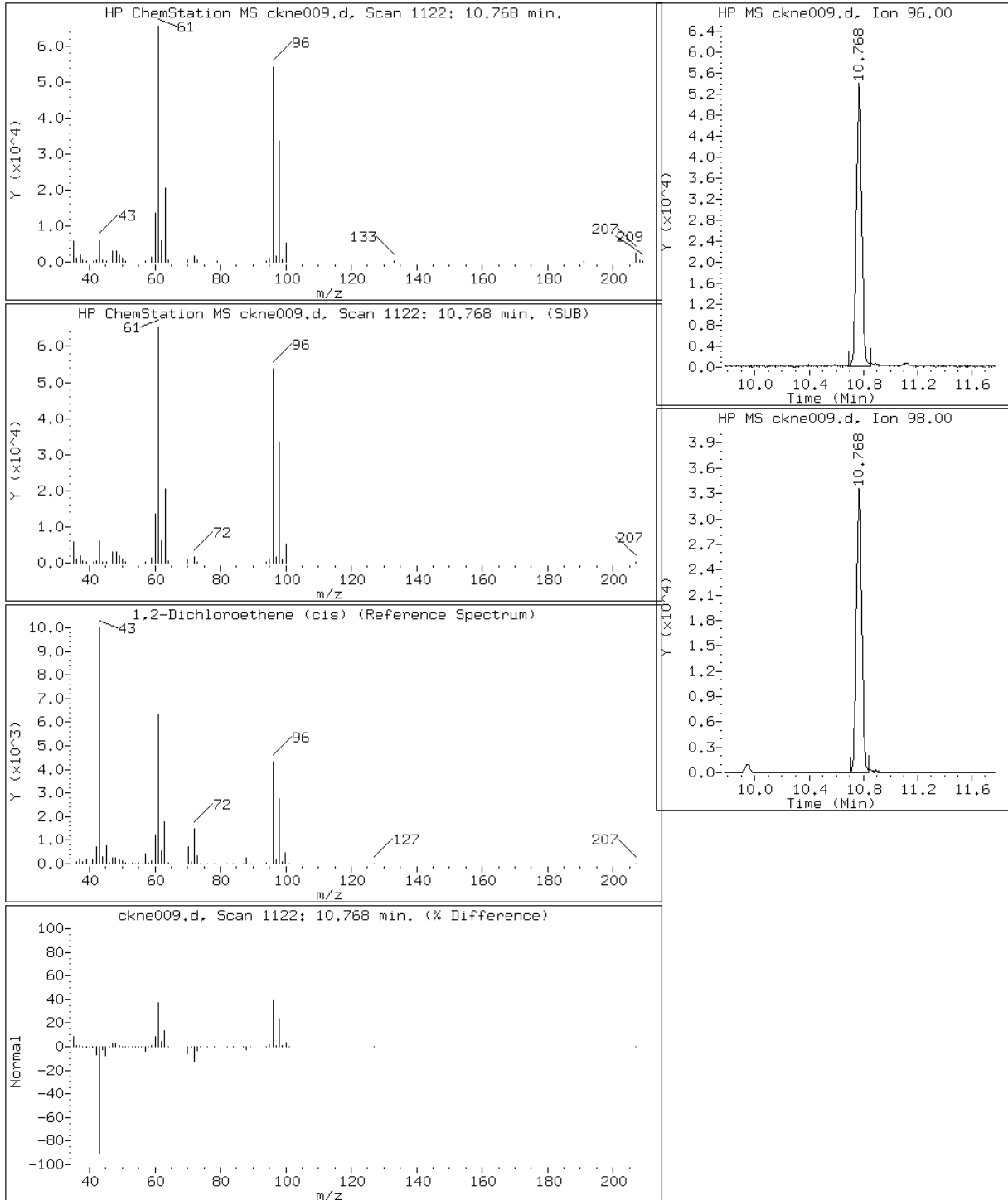
Client ID: AS Effluent

Instrument: C.i

Sample Info: 480-15056-A-2

Operator: pad

34 1,2-Dichloroethene (cis)



Data File: ckne009.d

Lab Sample ID: 480-15056-2

Date: 19-JAN-2012 17:27

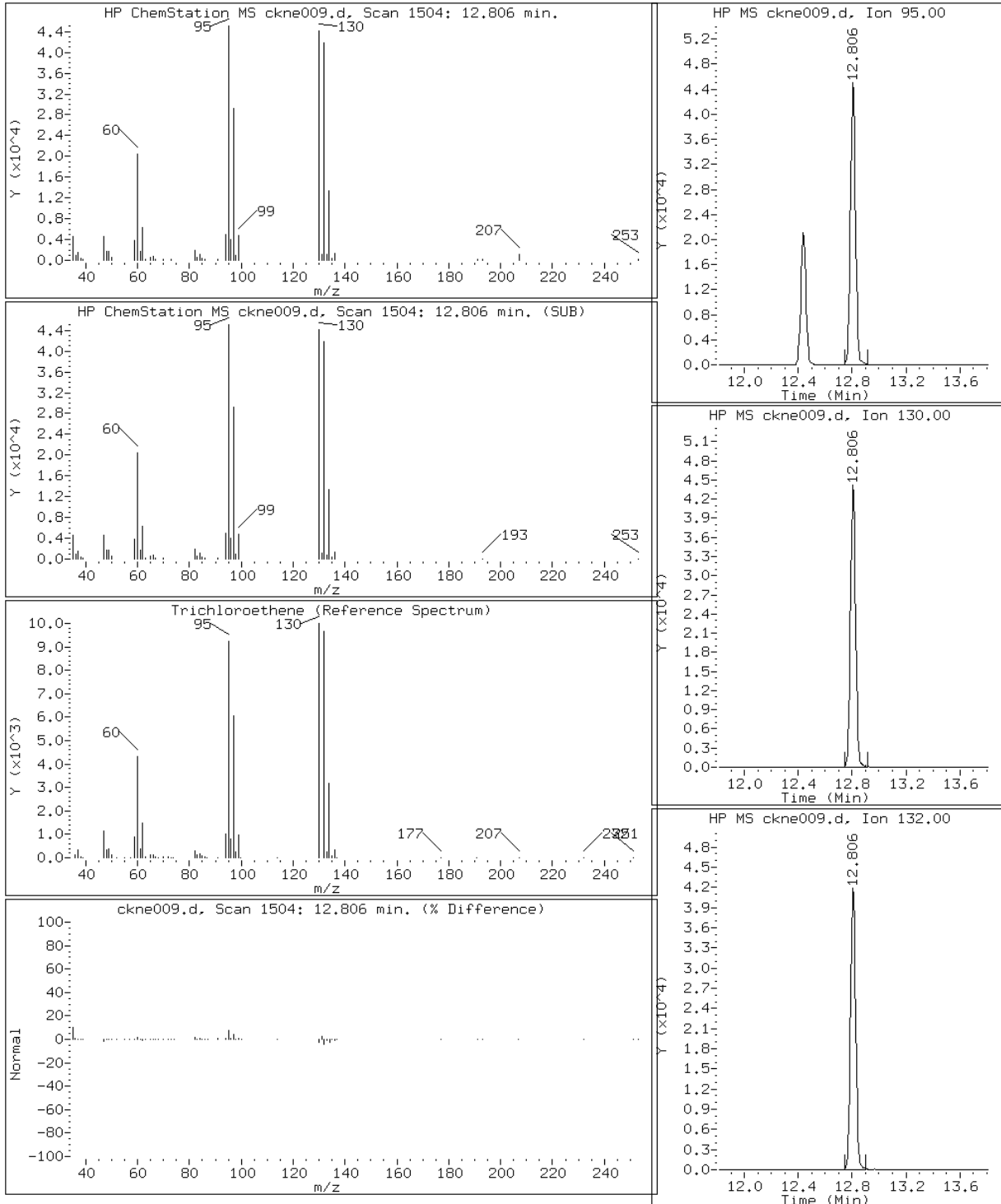
Client ID: AS Effluent

Instrument: C.i

Sample Info: 480-15056-A-2

Operator: pad

49 Trichloroethene



Data File: ckne009.d

Lab Sample ID: 480-15056-2

Date: 19-JAN-2012 17:27

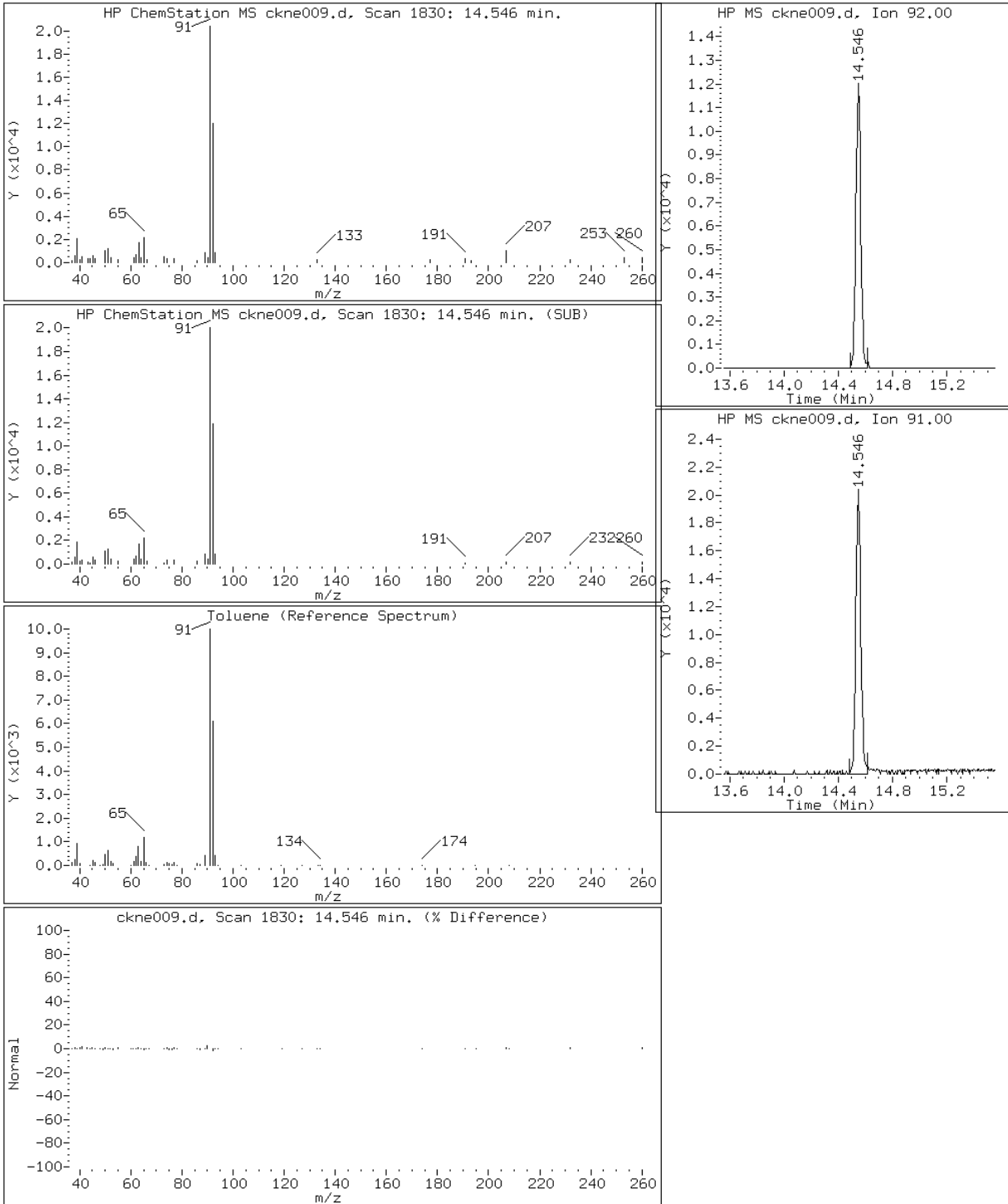
Client ID: AS Effluent

Instrument: C.i

Sample Info: 480-15056-A-2

Operator: pad

58 Toluene

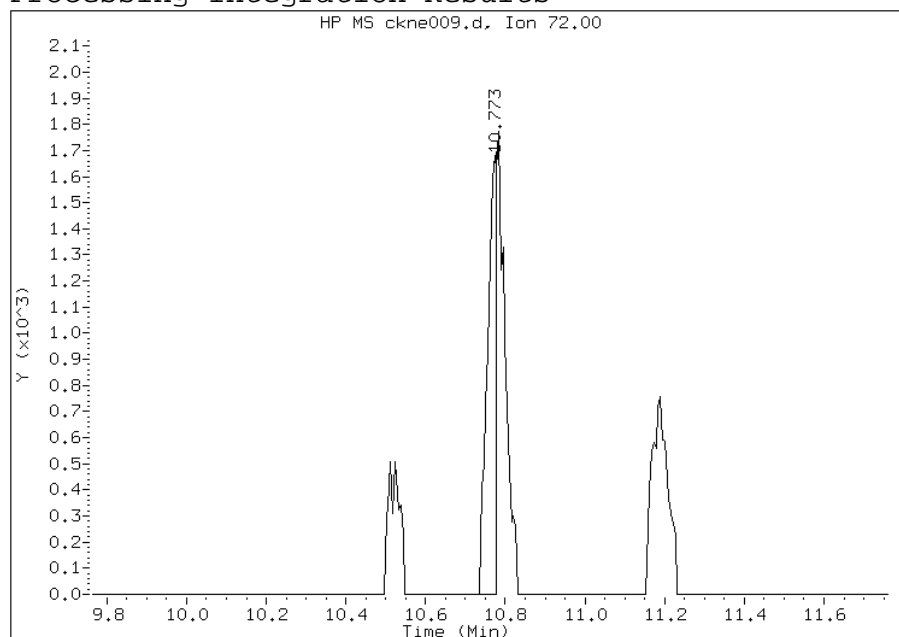


Manual Integration Report

Data File: ckne009.d
Lab Sample ID: 480-15056-2
Inj. Date and Time: 19-JAN-2012 17:27
Instrument ID: C.i
Client ID: AS Effluent
Compound: 36 Methyl Ethyl Ketone
CAS #: 78-93-3
Report Date: 01/20/2012

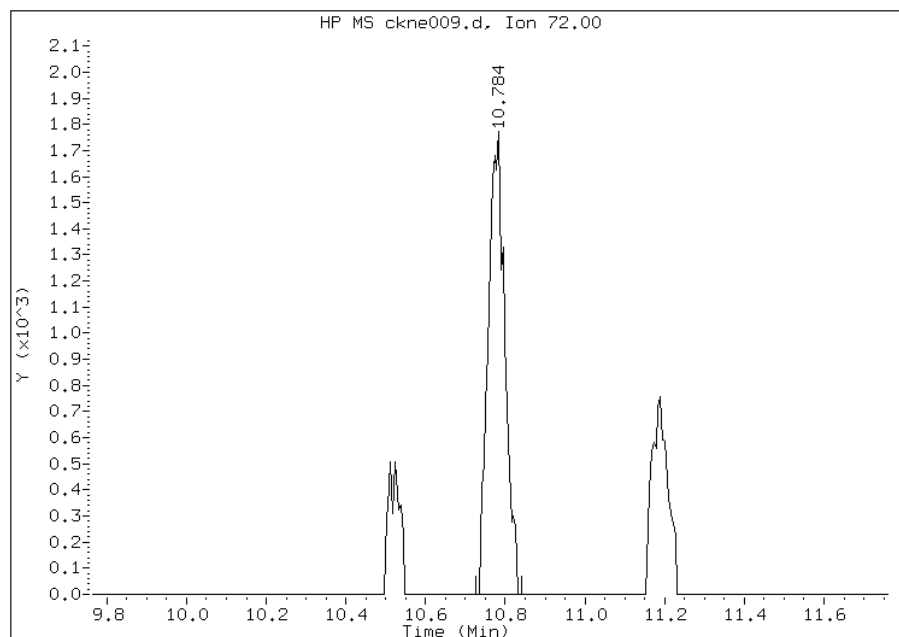
Processing Integration Results

RT: 10.77
Response: 2804
Amount: 0.147455
Conc: 0.147455



Manual Integration Results

RT: 10.78
Response: 5157
Amount: 0.271192
Conc: 0.271192



File Uploaded By: wrd
Manual Integration Reason: Baseline event

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1 Analy Batch No.: 32216

SDG No.: _____

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-32216/3	ic 260559	ckn003.d
Level 2	IC 200-32216/4	ic 260524	ckn004.d
Level 3	IC 200-32216/5	ic 275708	ckn005.d
Level 4	ICIS 200-32216/6	icis 275681	ckn006.d
Level 5	IC 200-32216/7	ic 260512	ckn007.d
Level 6	IC 200-32216/8	ic 260506	ckn008.d
Level 7	IC 200-32216/9	ic 275630	ckn009.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															
Propylene	0.7970	0.9419 0.7217	0.9321	0.8488	0.8298	Ave	0.8452				9.9		30.0				
Dichlorodifluoromethane	3.0852	3.5591 2.8353	3.4854	3.2215	3.1704	Ave	3.2261				8.2		30.0				
Freon 22	1.6810	1.9125 1.5348	1.8407	1.7138	1.7040	Ave	1.7311				7.6		30.0				
1,2-Dichlorotetrafluoroethane	3.5007 3.3937	3.3895 3.1737	3.6761	3.4052	3.4148	Ave	3.4219				4.4		30.0				
Chloromethane	0.9241	1.1544 0.8537	1.0422	0.9527	0.9395	Ave	0.9778				10.8		30.0				
n-Butane	1.8647	2.2133 1.7202	2.0548	1.9146	1.9173	Ave	1.9475				8.7		30.0				
Vinyl chloride	1.2269 1.1712	1.1987 1.0883	1.2635	1.1965	1.1845	Ave	1.1899				4.6		30.0				
1,3-Butadiene	0.9290 0.9288	0.8990 0.8572	1.0005	0.9378	0.9357	Ave	0.9269				4.7		30.0				
Bromomethane	1.1038 1.0637	1.0753 0.9939	1.1503	1.0690	1.0782	Ave	1.0763				4.4		30.0				
Chloroethane	0.6441	0.6661 0.5901	0.7007	0.6461	0.6520	Ave	0.6498				5.5		30.0				
Isopentane	1.7544 1.4328	1.6996 1.3006	1.5868	1.4631	1.4631	Ave	1.5286				10.5		30.0				
Bromoethene (Vinyl Bromide)	1.1087 1.0878	1.0258 1.0334	1.1313	1.0733	1.0876	Ave	1.0782				3.5		30.0				
Trichlorofluoromethane	3.3821 3.2508	3.2716 3.0569	3.4273	3.2082	3.2784	Ave	3.2679				3.7		30.0				
n-Pentane	2.2075	2.2861 2.0764	2.2959	2.1551	2.2311	Ave	2.2087				3.8		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1 Analy Batch No.: 32216

SDG No.: _____

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

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								
Ethanol	0.4067	0.4374 0.3576	0.3576	0.3783	0.4168	Ave		0.3924			8.4		30.0				
Ethyl ether	0.8460 0.8116	0.7859 0.7794	0.8776	0.8690	0.8540	Ave		0.8319			4.8		30.0				
Acrolein	0.3177	0.4079	0.4301	0.4373	0.3577	Ave		0.3902			13.1		30.0				
Freon TF	2.2942 2.3319	2.2001 2.2445	2.3443	2.2148	2.3168	Ave		2.2781			2.6		30.0				
1,1-Dichloroethene	1.0382 1.1211	0.9861 1.0698	1.1229	1.0721	1.1184	Ave		1.0755			4.7		30.0				
Acetone	1.5999	1.3603	1.7778	1.6908	1.7256	Ave		1.6309			10.1		30.0				
Isopropyl alcohol	1.0430	1.0332	1.1554	1.2150	1.1493	Ave		1.1192			7.0		30.0				
Carbon disulfide	3.2967	3.1114 3.1544	3.3593	3.2017	3.3005	Ave		3.2373			3.0		30.0				
3-Chloropropene	1.5643 1.5990	1.4615 1.4805	1.7161	1.6067	1.7478	Ave		1.5966			6.8		30.0				
Acetonitrile	0.6282	0.6667	0.6868	0.6600	0.7428	Ave		0.6769			6.3		30.0				
Methylene Chloride	1.1879	1.4094 1.1047	1.2828	1.1665	1.2030	Ave		1.2257			8.7		30.0				
tert-Butyl alcohol	1.5569	1.5205	1.7332	1.7825	1.7223	Ave		1.6631			7.0		30.0				
Methyl tert-butyl ether	3.4986 3.3176	3.2952 3.1746	3.5924	3.5616	3.5024	Ave		3.4203			4.6		30.0				
trans-1,2-Dichloroethene	1.7025 1.7589	1.6671 1.6654	1.8285	1.6946	1.7645	Ave		1.7259			3.5		30.0				
Acrylonitrile	0.7446	0.7353 0.7626	0.8114	0.7893	0.7947	Ave		0.7730			3.9		30.0				
n-Hexane	1.9953 2.0186	1.9499 1.9238	2.0777	1.9431	2.0227	Ave		1.9902			2.7		30.0				
Vinyl acetate	2.6444	2.6902	3.0191	2.9971	2.8091	Ave		2.8320			6.1		30.0				
1,1-Dichloroethane	2.1993 2.1819	2.1164 2.0816	2.2854	2.1433	2.1935	Ave		2.1716			3.0		30.0				
Ethyl acetate	0.1083	0.1051	0.1125	0.1157	0.1137	Ave		0.1111			3.9		30.0				
Methyl Ethyl Ketone	0.5677	0.6971 0.5324	0.5906	0.5999	0.5984	Ave		0.5977			9.2		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1 Analy Batch No.: 32216

SDG No.: _____

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

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								
cis-1,2-Dichloroethene	1.2933 1.2974	1.2222 1.2639	1.3131	1.2577	1.2945	Ave		1.2774			2.4		30.0				
Tetrahydrofuran			0.2329	0.2328	0.2260	Ave		0.2217			5.7		30.0				
Chloroform	2.6712 2.6339	2.5287 2.5074	2.7506	2.5984	2.6464	Ave		2.6195			3.2		30.0				
1,1,1-Trichloroethane	0.5024 0.5239	0.4821 0.5132	0.5272	0.5104	0.5226	Ave		0.5117			3.1		30.0				
Cyclohexane	0.3183 0.3411	0.3072 0.3385	0.3340	0.3214	0.3391	Ave		0.3285			3.9		30.0				
Carbon tetrachloride	0.4949 0.5405	0.4778 0.5347	0.5408	0.5214	0.5382	Ave		0.5212			4.8		30.0				
2,2,4-Trimethylpentane	1.0776 1.1578	1.0337 1.1460	1.1414	1.1192	1.1519	Ave		1.1182			4.1		30.0				
Benzene	0.7292 0.7204	0.6953 0.7254	0.7115	0.6933	0.7136	Ave		0.7127			2.0		30.0				
1,2-Dichloroethane	0.2985 0.3103	0.2970 0.2956	0.3210	0.3113	0.3140	Ave		0.3068			3.2		30.0				
n-Heptane	0.4131 0.4244	0.3931 0.4088	0.4221	0.4146	0.4267	Ave		0.4147			2.8		30.0				
n-Butanol			0.0883	0.0918	0.0797	Ave		0.0848			9.4		30.0				
Trichloroethene	0.3096 0.3330	0.2941 0.3331	0.3239	0.3142	0.3270	Ave		0.3193			4.4		30.0				
1,2-Dichloropropane	0.2428 0.2466	0.2332 0.2411	0.2506	0.2450	0.2473	Ave		0.2438			2.3		30.0				
Methyl methacrylate		0.1798 0.2301	0.2318	0.2443	0.2407	Ave		0.2263			10.4		30.0				
1,4-Dioxane		0.0789 0.0814	0.0827	0.0904	0.0866	Ave		0.0840			5.4		30.0				
Dibromomethane	0.2337 0.2634	0.2200 0.2692	0.2503	0.2478	0.2583	Ave		0.2489			6.9		30.0				
Bromodichloromethane	0.4589 0.5258	0.4542 0.5123	0.5283	0.5195	0.5253	Ave		0.5035			6.5		30.0				
cis-1,3-Dichloropropene	0.3623 0.3800	0.3553 0.3750	0.3909	0.3860	0.3874	Ave		0.3767			3.6		30.0				
methyl isobutyl ketone		0.3744 0.4039	0.4504	0.4658	0.4506	Ave		0.4284			8.0		30.0				
n-Octane	0.5673 0.5690	0.5350 0.5354	0.5932	0.5769	0.5816	Ave		0.5655			4.0		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1 Analy Batch No.: 32216

SDG No.: _____

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

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								
Toluene	0.5414 0.5588	0.5321 0.5628	0.5641	0.5528	0.5745	Ave		0.5552			2.6		30.0				
trans-1,3-Dichloropropene	0.3904 0.3868	0.3543 0.3895	0.4066	0.4012	0.3981	Ave		0.3896			4.4		30.0				
1,1,2-Trichloroethane	0.2474 0.2496	0.2369 0.2467	0.2625	0.2524	0.2579	Ave		0.2505			3.3		30.0				
Tetrachloroethene	0.4190 0.4777	0.3962 0.5027	0.4511	0.4523	0.4753	Ave		0.4535			8.0		30.0				
Methyl Butyl Ketone (2-Hexanone)	0.4394	0.3759 0.4202	0.4622	0.4849	0.4710	Ave		0.4423			9.0		30.0				
Dibromochloromethane	0.4555 0.5545	0.4378 0.5679	0.5487	0.5436	0.5635	Ave		0.5245			10.3		30.0				
1,2-Dibromoethane	0.4450 0.4787	0.4130 0.4810	0.4864	0.4747	0.4906	Ave		0.4671			6.0		30.0				
Chlorobenzene	0.7456 0.7362	0.6804 0.7510	0.7561	0.7351	0.7555	Ave		0.7371			3.6		30.0				
n-Nonane	0.5140 0.5717	0.4787 0.5191	0.5766	0.5804	0.5956	Ave		0.5480			8.0		30.0				
Ethylbenzene	1.1333 1.2712	1.0896 1.2525	1.2584	1.2776	1.3208	Ave		1.2291			6.9		30.0				
m,p-Xylene	0.4302 0.5062	0.4128 0.5168	0.4872	0.5038	0.5247	Ave		0.4831			9.1		30.0				
Xylene, o-	0.4205 0.4732	0.4054 0.4792	0.4732	0.4808	0.4936	Ave		0.4608			7.3		30.0				
Styrene	0.6027 0.7711	0.5415 0.7976	0.7365	0.7745	0.7951	Ave		0.7170			14.3		30.0				
Bromoform	0.4193 0.5501	0.3848 0.6085	0.5204	0.5361	0.5563	Ave		0.5108			15.6		30.0				
Cumene	1.1708 1.4011	1.1139 1.4617	1.3621	1.4006	1.4445	Ave		1.3364			10.3		30.0				
1,1,2,2-Tetrachloroethane	0.6293 0.6587	0.5846 0.6693	0.6895	0.6896	0.6900	Ave		0.6587			6.0		30.0				
n-Propylbenzene	1.3857 1.7419	1.2610 1.7647	1.6594	1.7394	1.7948	Ave		1.6210			13.0		30.0				
1,2,3-Trichloropropane	0.4590 0.5355	0.4590 0.5185	0.5503	0.5568	0.5628	Ave		0.5305			7.3		30.0				
n-Decane	0.7199	0.3570 0.7073	0.6533	0.7103	0.7436	Ave		0.6486			22.5		30.0				
4-Ethyltoluene	1.1341 1.4809	1.0355 1.5559	1.4179	1.4839	1.5304	Ave		1.3769			15.0		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1 Analy Batch No.: 32216

SDG No.: _____

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

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								
2-Chlorotoluene	1.0824 1.2642	0.9971 1.2761	1.2464	1.2595	1.3074	Ave		1.2047			9.7		30.0				
1,3,5-Trimethylbenzene	0.9459 1.2969	0.8972 1.3200	1.2073	1.2792	1.3354	Ave		1.1831			15.5		30.0				
Alpha Methyl Styrene	0.4032 0.6113	0.3676 0.6439	0.5866	0.6242	0.6336	Ave		0.5529			21.0		30.0				
tert-Butylbenzene	0.9289 1.1583	0.8559 1.2066	1.1119	1.1705	1.2014	Ave		1.0905			12.9		30.0				
1,2,4-Trimethylbenzene	0.9400 1.2257	0.8380 1.2511	1.1882	1.2486	1.2758	Ave		1.1382			15.4		30.0				
sec-Butylbenzene	1.3128 1.7482	1.1794 1.7953	1.6424	1.7470	1.8050	Ave		1.6043			15.8		30.0				
4-Isopropyltoluene	1.0966 1.4940	0.9757 1.5587	1.3844	1.4898	1.5352	Ave		1.3621			17.0		30.0				
1,3-Dichlorobenzene	0.7436 0.8158	0.5718 0.8648	0.7879	0.8200	0.8374	Ave		0.7773			12.7		30.0				
1,4-Dichlorobenzene	0.7473 0.8116	0.5728 0.8577	0.7773	0.8116	0.8309	Ave		0.7728			12.3		30.0				
Benzyl chloride	0.6517 0.8466	0.5473 1.0627	1.0492	1.0982	0.8832	Ave		0.8770			24.3		30.0				
n-Undecane	0.6885	0.6760	0.4387	0.6254	0.7185	Ave		0.6294			17.8		30.0				
n-Butylbenzene	0.8824 1.3193	0.7702 1.3080	1.2319	1.3341	1.3646	Ave		1.1729			20.7		30.0				
1,2-Dichlorobenzene	0.7066 0.7588	0.5773 0.7837	0.7550	0.7784	0.7865	Ave		0.7352			10.2		30.0				
n-Dodecane	0.3885	0.2590	0.3056	0.3499	0.3493	Ave		0.3305			15.0		30.0				
1,2,4-Trichlorobenzene	0.4310	0.2373 0.3876	0.4179	0.4541	0.4294	Ave		0.3929			20.2		30.0				
Hexachlorobutadiene	0.3730 0.4057	0.3341 0.3975	0.3844	0.4024	0.4047	Ave		0.3860			6.7		30.0				
Naphthalene	0.9011	0.6030 0.8517	0.9562	1.0504	0.8962	Ave		0.8764			17.2		30.0				
1,2,3-Trichlorobenzene	0.4120 0.3368	0.2442 0.2825	0.3508	0.3709	0.3358	Ave		0.3333			16.6		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1 Analy Batch No.: 32216

SDG No.: _____

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-32216/3	ckn003.d
Level 2	IC 200-32216/4	ckn004.d
Level 3	IC 200-32216/5	ckn005.d
Level 4	ICIS 200-32216/6	ckn006.d
Level 5	IC 200-32216/7	ckn007.d
Level 6	IC 200-32216/8	ckn008.d
Level 7	IC 200-32216/9	ckn009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	642156	16532 1240324	164368	314426	485356	20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	2485758	62466 4872701	614618	1193357	1854488	20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	1354442	33567 2637649	324595	634842	996752	20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	25178 2734338	59489 5454358	648231	1261386	1997449	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	744558	20261 1467156	183785	352904	549575	20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	1502450	38845 2956367	362350	709222	1121511	20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	8824 943665	21038 1870415	222807	443210	692836	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	6682 748317	15779 1473218	176420	347389	547311	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	7939 857039	18872 1708098	202844	396006	630692	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	518949	11690 1014200	123554	239319	381408	20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	12618 1154428	29829 2235241	279808	541983	855830	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene (Vinyl Bromide)	BCM	Ave	7974 876421	18003 1775936	199485	397587	636192	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	24325 2619217	57419 5253681	604358	1188424	1917664	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	40124 1778599	3568449	404848	798336	1305041	20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	655374	76762 1536315	126117	210175	325033	40.0	5.00 100	10.0	15.0	20.0

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1 Analy Batch No.: 32216

SDG No.: _____

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
Ethyl ether	BCM	Ave	6085 653922	13794 1339424	154761	321921	499536	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	255980	701003	75846	162005	209253	20.0	40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	16501 1878862	38614 3857410	413393	820421	1355175	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	7467 903288	17307 1838510	198005	397140	654204	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	1289077	2337743	313487	626319	1009349	20.0	40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	840327	1775656	203747	450077	672277	20.0	40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	2656196	54608 5421208	592373	1186028	1930584	20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	11251 1288376	25651 2544349	302623	595173	1022329	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	506136	1145797	121102	244482	434480	20.0	40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	24737 957117	1898633	226213	432115	703655	20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	1254439	2613182	305635	660300	1007457	20.0	40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	25163 2673066	57834 5455934	633481	1319326	2048683	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	12245 1417165	29259 2862136	322442	627754	1032134	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrylonitrile	BCM	Ave	12906 599940	1310646	143081	292396	464850	20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	14351 1626390	34223 3306317	366383	719803	1183134	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	2130650	4623328	532377	1110237	1643135	20.0	40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	15818 1757954	37145 3577531	403002	793943	1283068	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	87276	180565	19844	42869	66490	20.0	40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	457413	12234 914910	104142	222224	350008	20.0	0.500 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	9302 1045324	21450 2172080	231548	465904	757183	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	966633	1961436	238074	491656	753459	20.0	40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1 Analy Batch No.: 32216

SDG No.: _____

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
Chloroform	BCM	Ave	19212 2122194	44382 4309197	485032	962534	1547981	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,1-Trichloroethane	DFB	Ave	20949 2397414	48893 4895660	538969	1077750	1741905	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	13275 1560992	31155 3229203	341498	678699	1130422	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	20638 2473773	48452 5100456	552839	1101077	1794005	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	44935 5298632	104825 10931388	1166957	2363284	3839664	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	30407 3297019	70515 6919593	727424	1463974	2378506	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	12446 1420173	30115 2820086	328153	657267	1046724	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	17225 1942193	39862 3899083	431540	875364	1422186	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Butanol	DFB	Ave	335857	868822	90256	193845	265595	20.0	40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	12910 1523905	29830 3176879	331112	663493	1089895	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	10123 1128343	23648 2299443	256158	517389	824439	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	18231 1053256	2206706	236948	515934	802172	20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	361017	776320	84509	190925	288519	20.0	40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	9744 1205373	22309 2567945	255889	523241	860910	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	19138 2406049	46066 4886689	540096	1096972	1750887	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	15109 1739219	36032 3576930	399640	815107	1291237	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	37964 1945497	460424 3853172	460424	983555	1501938	20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	23656 2603835	54258 5107019	606415	1218080	1938680	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	20797 2395936	49993 5039162	535528	1094900	1770416	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	16278 1770301	35929 3715118	415673	847266	1327083	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	9503 1070318	22261 2208485	249184	499976	794623	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1 Analy Batch No.: 32216

SDG No.: _____

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
Tetrachloroethene	CBZ	Ave	16095 2048197	37222 4500446	428265	895881	1464780	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	1883901	3761791	438850	960549	1451528	20.0	0.500 40.0	5.00	10.0	15.0
Dibromochloromethane	CBZ	Ave	17497 2377248	41133 5085011	520996	1076717	1736454	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	17096 2052504	38805 4306960	461773	940321	1511953	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	28642 3156461	63929 6723670	717855	1456155	2328319	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	19743 2451141	44974 4648094	547437	1149631	1835314	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	43535 5450255	102373 11214249	1194740	2530631	4070299	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	33055 4340919	77559 9254798	925189	1995781	3233954	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	16152 2028856	38090 4290835	449272	952392	1521019	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	23153 3306139	50872 7140868	699238	1534206	2450159	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	16108 2358687	36148 5447930	494064	1061970	1714401	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	44975 6007143	104649 13086979	1293182	2774311	4451344	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	24175 2824080	54922 5992313	654677	1365856	2126291	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	53231 7468447	118474 15799657	1575451	3445403	5530963	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	2296131	43125 4641882	522434	1102943	1734368	20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	3086404	33541 6332753	620292	1406975	2291481	20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	43565 6349129	97289 13930493	1346208	2939260	4716078	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	41578 5420024	93680 11425456	1183380	2494856	4028893	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	36337 5560289	84290 11817935	1146247	2533871	4115170	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Alpha Methyl Styrene	CBZ	Ave	15488 2620912	34537 5765376	556905	1236433	1952598	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	35682 4966064	80409 10803359	1055687	2318457	3702181	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1 Analy Batch No.: 32216

SDG No.: _____

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
1,2,4-Trimethylbenzene	CBZ	Ave	36111 5255052	78733 11201586	1128080	2473176	3931491	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	50430 7495490	110806 16073959	1559326	3460403	5562365	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	42124 6405600	91672 13955776	1314382	2951004	4730900	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Dichlorobenzene	CBZ	Ave	28566 3497607	53721 7742578	748042	1624238	2580727	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	28707 3479925	53819 7679147	737997	1607654	2560692	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	25033 3629889	51424 9514593	996124	2175384	2721612	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	2952057	6052076	416503	1238862	2214195	20.0	40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	33898 5656470	72360 11710968	1169618	2642499	4205383	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	27143 3253416	54239 7017090	716800	1541816	2423759	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	1665695	2319042	290136	693161	1076324	20.0	40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	1847693	22296 3470298	396780	899429	1323161	20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	14328 1739454	31393 3558973	364954	796994	1247073	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	3863247	56653 7625329	907861	2080516	2761811	20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	15826 1444020	22945 2528944	333083	734647	1034883	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn003.d
 Lab Smp Id: ic 260559 Client Smp ID: ic 260559
 Inj Date : 12-JAN-2012 17:27
 Operator : pad Inst ID: C.i
 Smp Info : ic 260559
 Misc Info : 200,1,level 01
 Comment :
 Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
 Meth Date : 13-Jan-2012 08:26 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.d
 Als bottle: 2 Calibration Sample, Level: 1
 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		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	4.977	4.977	(0.447)	7766	0.20000	0.26(a)
2 Dichlorodifluoromethane	85	5.068	5.057	(0.456)	23823	0.20000	0.21(a)
3 Chlorodifluoromethane	51	5.105	5.100	(0.459)	13057	0.20000	0.21(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.481)	25178	0.20000	0.20
5 Chloromethane	50	5.522	5.516	(0.496)	9179	0.20000	0.26(a)
6 Butane	43	5.735	5.730	(0.515)	15806	0.20000	0.23(a)
7 Vinyl chloride	62	5.772	5.767	(0.519)	8824	0.20000	0.21
8 1,3-Butadiene	54	5.858	5.847	(0.527)	6682	0.20000	0.20
9 Bromomethane	94	6.525	6.509	(0.586)	7939	0.20000	0.21(M)
10 Chloroethane	64	6.712	6.712	(0.603)	4833	0.20000	0.21(aQ)
11 2-Methylbutane	43	6.786	6.781	(0.610)	12618	0.20000	0.23
12 Vinyl bromide	106	7.064	7.064	(0.635)	7974	0.20000	0.21
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	24325	0.20000	0.21
14 Pentane	43	7.267	7.256	(0.653)	16972	0.20000	0.21(a)

Compounds	QUANT SIG		AMOUNTS					
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)	
15 Ethanol	45	7.523	7.485	(0.676)	11591	0.20000	0.82(a)	
16 Ethyl ether	59	7.688	7.656	(0.691)	6085	0.20000	0.20	
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	16501	0.20000	0.20	
18 Acrolein	56	Compound Not Detected.						
19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	7467	0.20000	0.19(a)	
20 Acetone	43	8.238	8.211	(0.740)	45743	0.20000	0.78(a)	
21 Carbon disulfide	76	8.505	8.494	(0.764)	24039	0.20000	0.21(a)	
22 Isopropanol	45	Compound Not Detected.						
23 Allyl chloride	41	8.697	8.692	(0.782)	11251	0.20000	0.20(a)	
24 Acetonitrile	41	Compound Not Detected.						
25 Methylene chloride	49	8.921	8.910	(0.802)	12653	0.20000	0.29(a)	
26 Tert-butyl alcohol	59	9.028	8.969	(0.811)	11928	0.20000	0.20(a)	
27 Methyl tert-butyl ether	73	9.257	9.231	(0.832)	25163	0.20000	0.20	
28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	12245	0.20000	0.20	
29 Acrylonitrile	53	9.364	9.337	(0.842)	5682	0.20000	0.20(a)	
30 n-Hexane	57	9.572	9.572	(0.860)	14351	0.20000	0.20	
31 1,1-Dichloroethane	63	9.946	9.951	(0.894)	15818	0.20000	0.20(M)	
32 Vinyl acetate	43	9.957	9.935	(0.895)	18813	0.20000	0.18(a)	
M 33 1,2-Dichloroethene,Total	61				21547	0.40000	0.40	
34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	9302	0.20000	0.20	
35 Ethyl acetate	88	Compound Not Detected.						
36 Methyl Ethyl Ketone	72	10.789	10.762	(0.970)	6084	0.20000	0.28(aQ)	
* 37 Bromochloromethane	128	11.125	11.125	(1.000)	359618	10.0000		
38 Tetrahydrofuran	42	11.200	11.152	(0.900)	9384	0.20000	0.20(a)	
39 Chloroform	83	11.179	11.173	(1.005)	19212	0.20000	0.20	
40 Cyclohexane	84	11.472	11.477	(0.922)	13275	0.20000	0.19(a)	
41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	20949	0.20000	0.20	
42 Carbon tetrachloride	117	11.654	11.648	(0.937)	20638	0.20000	0.19(a)	
43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	44935	0.20000	0.19(a)	
44 Benzene	78	11.958	11.958	(0.961)	30407	0.20000	0.20	
45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	12446	0.20000	0.19(aM)	
46 n-Heptane	43	12.129	12.129	(0.975)	17225	0.20000	0.20	
* 47 1,4-Difluorobenzene	114	12.444	12.443	(1.000)	2084982	10.0000		
48 n-Butanol	56	12.620	12.582	(1.014)	7866	0.20000	0.44(aQ)	
49 Trichloroethene	95	12.817	12.812	(1.030)	12910	0.20000	0.19(a)	
50 1,2-Dichloropropane	63	13.185	13.180	(1.060)	10123	0.20000	0.20	
51 Methyl methacrylate	69	13.207	13.191	(1.061)	8103	0.20000	0.17(aQ)	
52 Dibromomethane	174	13.356	13.356	(1.073)	9744	0.20000	0.19(a)	
53 1,4-Dioxane	88	13.351	13.303	(1.073)	3643	0.20000	0.21(a)	
54 Bromodichloromethane	83	13.506	13.505	(1.085)	19138	0.20000	0.18(a)	
55 1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	15109	0.20000	0.19(a)	
56 Methyl isobutyl ketone	43	14.290	14.269	(1.148)	16446	0.20000	0.18(a)	
57 n-Octane	43	14.514	14.514	(1.166)	23656	0.20000	0.20(a)	
58 Toluene	92	14.557	14.557	(0.889)	20797	0.20000	0.20	
59 1,3-Dichloropropene (trans)	75	14.861	14.866	(1.194)	16278	0.20000	0.20	
60 1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	9503	0.20000	0.20	
61 Tetrachloroethene	166	15.267	15.272	(0.933)	16095	0.20000	0.18(a)	

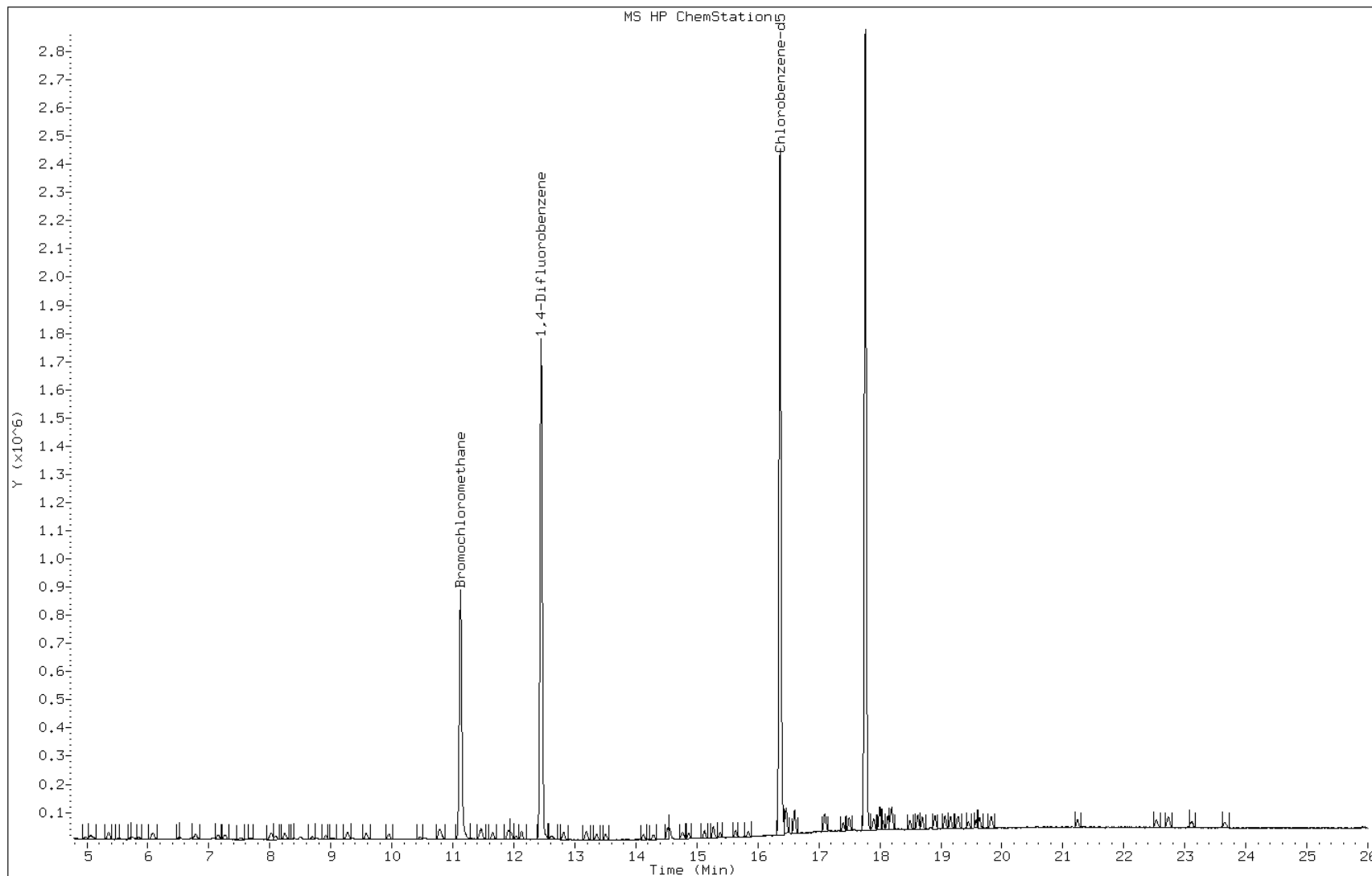
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62 2-Hexanone	43	15.384	15.363	(0.940)	15733	0.20000	0.19(a)
63 Dibromochloromethane	129	15.640	15.635	(0.956)	17497	0.20000	0.17(a)
64 1,2-Dibromoethane	107	15.843	15.838	(0.968)	17096	0.20000	0.19(a)
* 65 Chlorobenzene-d5	117	16.366	16.366	(1.000)	1920699	10.00000	
66 Chlorobenzene	112	16.404	16.403	(1.002)	28642	0.20000	0.20
67 n-Nonane	57	16.462	16.462	(1.006)	19743	0.20000	0.19(a)
68 Ethylbenzene	91	16.462	16.462	(1.006)	43535	0.20000	0.18(a)
69 Xylene (m,p)	106	16.601	16.601	(1.014)	33055	0.40000	0.36(a)
M 70 Xylenes, Total	106				49207	0.20000	0.54
71 Xylene (o)	106	17.092	17.092	(1.044)	16152	0.20000	0.18(a)
72 Styrene	104	17.108	17.113	(1.045)	23153	0.20000	0.17(a)
73 Bromoform	173	17.396	17.401	(1.063)	16108	0.20000	0.16(a)
74 Isopropylbenzene	105	17.492	17.497	(1.069)	44975	0.20000	0.18(a)
75 1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	24175	0.20000	0.19(a)
76 n-Propylbenzene	91	17.999	17.994	(1.100)	53231	0.20000	0.17(a)
77 1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	19789	0.20000	0.19(a)
78 n-Decane	57	18.047	18.047	(1.103)	13982	0.20000	0.11(a)
79 4-Ethyltoluene	105	18.127	18.127	(1.108)	43565	0.20000	0.16(a)
80 2-Chlorotoluene	91	18.181	18.181	(1.111)	41578	0.20000	0.18(a)
81 1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	36337	0.20000	0.16(a)
82 Alpha Methyl Styrene	118	18.501	18.495	(1.130)	15488	0.20000	0.15(a)
83 tert-butylbenzene	119	18.624	18.618	(1.138)	35682	0.20000	0.17(a)
84 1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	36111	0.20000	0.17(a)
85 sec-Butylbenzene	105	18.901	18.901	(1.155)	50430	0.20000	0.16(a)
86 4-Isopropyltoluene	119	19.072	19.066	(1.165)	42124	0.20000	0.16(a)
87 1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	28566	0.20000	0.19(a)
88 1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	28707	0.20000	0.19(a)
89 Benzyl chloride	91	19.446	19.445	(1.188)	25033	0.20000	0.15(a)
90 Undecane	57	19.579	19.573	(1.196)	14074	0.20000	0.12(a)
91 n-Butylbenzene	91	19.632	19.632	(1.200)	33898	0.20000	0.15(a)
92 1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	27143	0.20000	0.19(a)
93 Dodecane	57	21.239	21.239	(1.298)	14996	0.20000	0.24(a)
94 1,2,4-Trichlorobenzene	180	22.530	22.535	(1.377)	17529	0.20000	0.23(a)
95 1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	14328	0.20000	0.19(a)
96 Naphthalene	128	23.101	23.107	(1.412)	40018	0.20000	0.24(a)
97 1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	15826	0.20000	0.25

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: ckn003.d
Client ID: ic 260559
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 260559
Lab Sample ID: ic 260559

Date: 12-JAN-2012 17:27
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



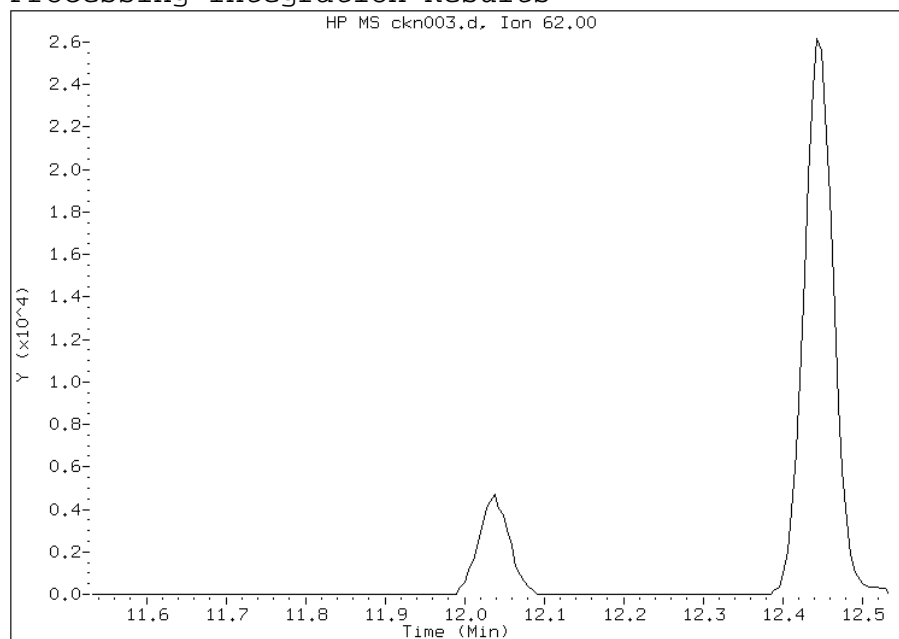
Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 45 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 01/13/2012

Processing Integration Results

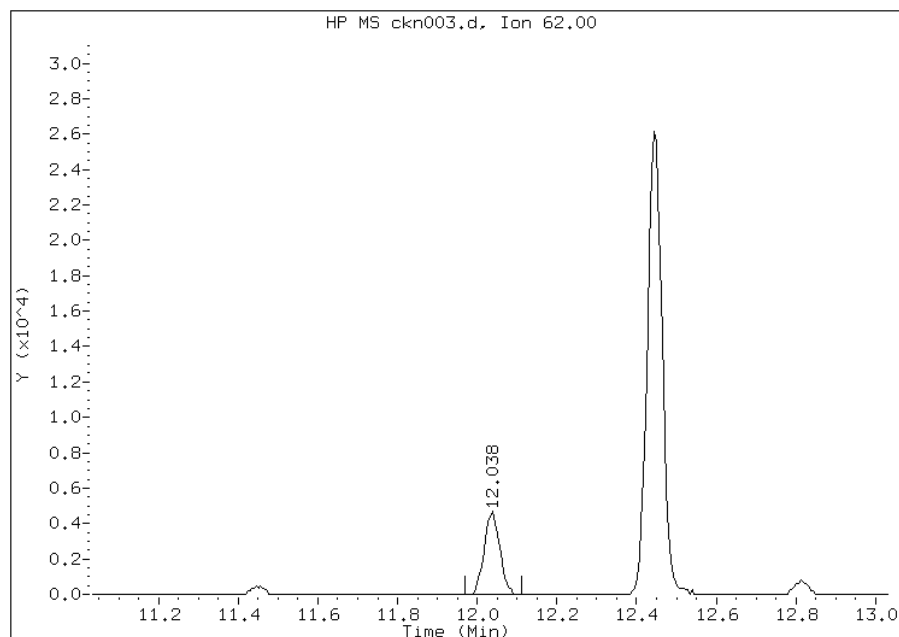
Not Detected

Expected RT: 12.03



Manual Integration Results

RT: 12.04
Response: 12446
Amount: 0.194563
Conc: 0.194563



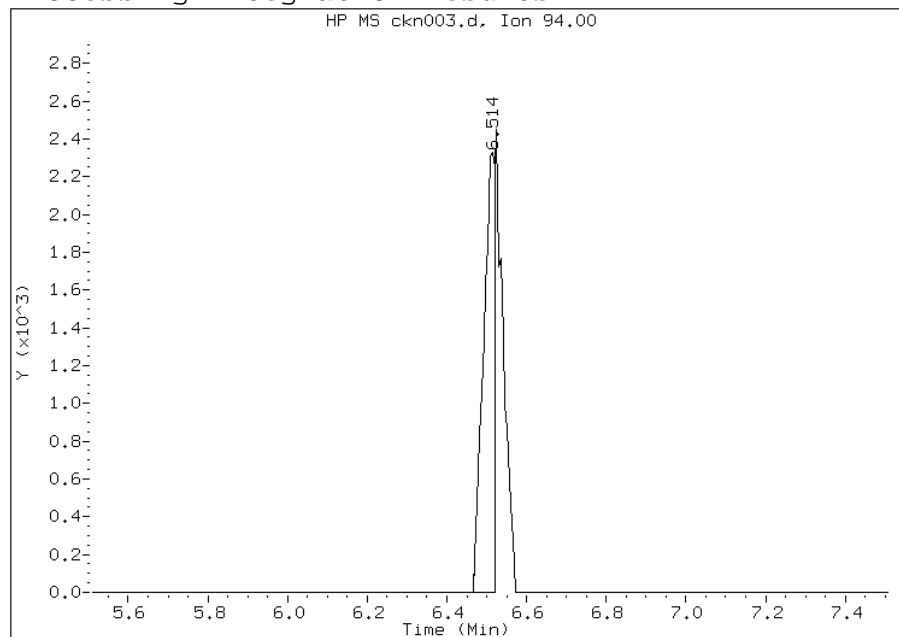
File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 9 Bromomethane
CAS #: 74-83-9
Report Date: 01/13/2012

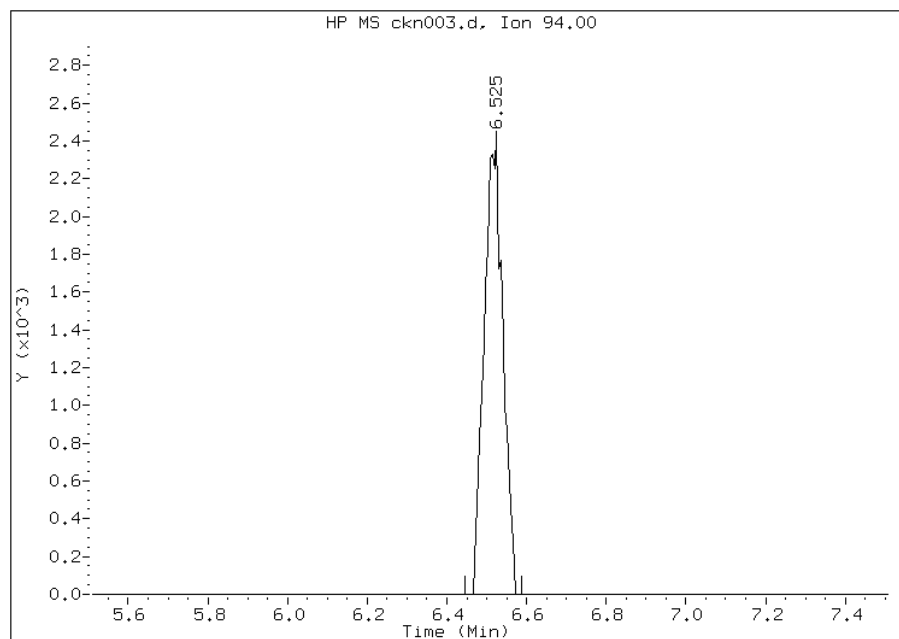
Processing Integration Results

RT: 6.51
Response: 4609
Amount: 0.149917
Conc: 0.149917



Manual Integration Results

RT: 6.52
Response: 7939
Amount: 0.205109
Conc: 0.205109



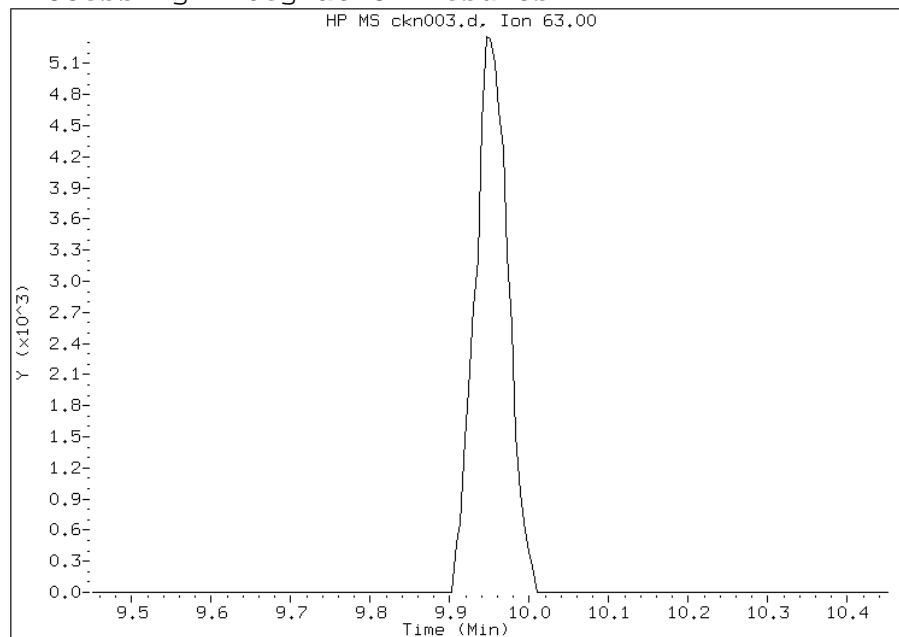
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 31 1,1-Dichloroethane
CAS #: 75-34-3
Report Date: 01/13/2012

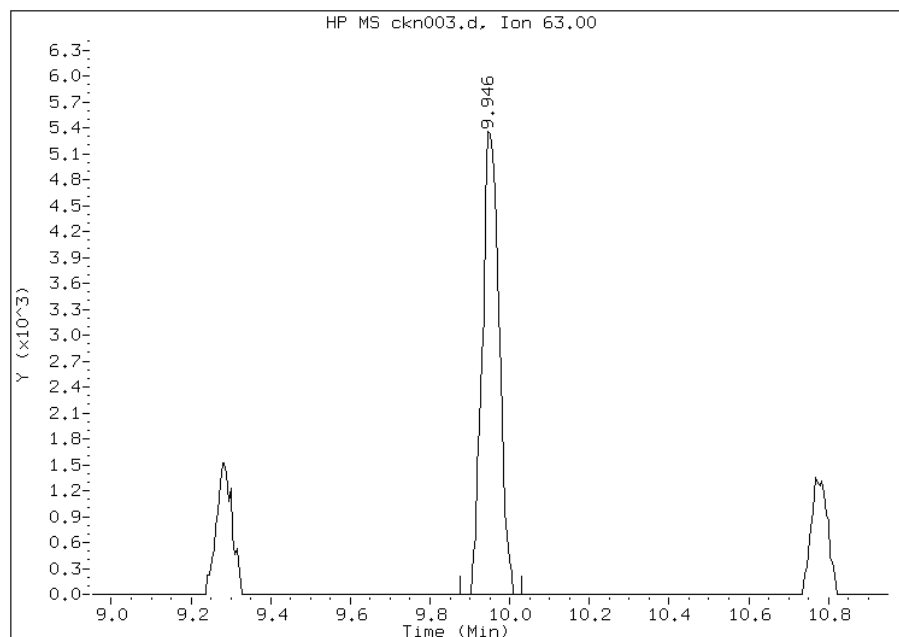
Processing Integration Results

Not Detected
Expected RT: 9.95



Manual Integration Results

RT: 9.95
Response: 15818
Amount: 0.202547
Conc: 0.202547



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn004.d
 Lab Smp Id: ic 260524 Client Smp ID: ic 260524
 Inj Date : 12-JAN-2012 18:17
 Operator : pad Inst ID: C.i
 Smp Info : ic 260524
 Misc Info : 200,1,level 02
 Comment :
 Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
 Meth Date : 13-Jan-2012 08:26 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 18:17 Cal File: ckn004.d
 Als bottle: 3 Calibration Sample, Level: 2
 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		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	4.982	4.977	(0.448)	16532	0.50000	0.56(a)
2 Dichlorodifluoromethane	85	5.063	5.057	(0.455)	62466	0.50000	0.55
3 Chlorodifluoromethane	51	5.105	5.100	(0.459)	33567	0.50000	0.55
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	59489	0.50000	0.50
5 Chloromethane	50	5.527	5.516	(0.497)	20261	0.50000	0.59
6 Butane	43	5.735	5.730	(0.515)	38845	0.50000	0.57
7 Vinyl chloride	62	5.772	5.767	(0.519)	21038	0.50000	0.50
8 1,3-Butadiene	54	5.858	5.847	(0.527)	15779	0.50000	0.48
9 Bromomethane	94	6.520	6.509	(0.586)	18872	0.50000	0.50
10 Chloroethane	64	6.717	6.712	(0.604)	11690	0.50000	0.51
11 2-Methylbutane	43	6.786	6.781	(0.610)	29829	0.50000	0.56
12 Vinyl bromide	106	7.075	7.064	(0.636)	18003	0.50000	0.48
13 Trichlorofluoromethane	101	7.155	7.149	(0.643)	57419	0.50000	0.50
14 Pentane	43	7.261	7.256	(0.653)	40124	0.50000	0.52

Compounds	QUANT SIG		AMOUNTS					
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)	
15 Ethanol	45	7.512	7.485	(0.675)	76762	5.00000	5.6	
16 Ethyl ether	59	7.688	7.656	(0.691)	13794	0.50000	0.47(Q)	
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.025	8.014	(0.721)	38614	0.50000	0.48	
18 Acrolein	56	7.992	7.976	(0.718)	7648	0.50000	0.56(a)	
19 1,1-Dichloroethene	96	8.099	8.088	(0.728)	17307	0.50000	0.46	
20 Acetone	43	8.238	8.211	(0.740)	80792	0.50000	1.4(a)	
21 Carbon disulfide	76	8.499	8.494	(0.764)	54608	0.50000	0.48(a)	
22 Isopropanol	45	8.382	8.350	(0.753)	22197	0.50000	0.57(a)	
23 Allyl chloride	41	8.697	8.692	(0.782)	25651	0.50000	0.46(a)	
24 Acetonitrile	41	Compound Not Detected.						
25 Methylene chloride	49	8.916	8.910	(0.801)	24737	0.50000	0.57	
26 Tert-butyl alcohol	59	9.017	8.969	(0.810)	27735	0.50000	0.48(a)	
27 Methyl tert-butyl ether	73	9.257	9.231	(0.832)	57834	0.50000	0.48	
28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	29259	0.50000	0.48	
29 Acrylonitrile	53	9.359	9.337	(0.841)	12906	0.50000	0.48(aM)	
30 n-Hexane	57	9.578	9.572	(0.861)	34223	0.50000	0.49	
31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	37145	0.50000	0.49	
32 Vinyl acetate	43	9.946	9.935	(0.894)	41193	0.50000	0.41(a)	
M 33 1,2-Dichloroethene,Total	61				50709	1.00000	0.96	
34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	21450	0.50000	0.48	
35 Ethyl acetate	88	10.778	10.762	(0.969)	1696	0.50000	0.44(a)	
36 Methyl Ethyl Ketone	72	10.784	10.762	(0.969)	12234	0.50000	0.58(Q)	
* 37 Bromochloromethane	128	11.125	11.125	(1.000)	351020	10.0000		
38 Tetrahydrofuran	42	11.189	11.152	(0.899)	20866	0.50000	0.46(a)	
39 Chloroform	83	11.173	11.173	(1.004)	44382	0.50000	0.48	
40 Cyclohexane	84	11.483	11.477	(0.922)	31155	0.50000	0.47	
41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	48893	0.50000	0.47	
42 Carbon tetrachloride	117	11.648	11.648	(0.936)	48452	0.50000	0.46	
43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	104825	0.50000	0.46	
44 Benzene	78	11.958	11.958	(0.961)	70515	0.50000	0.49	
45 1,2-Dichloroethane	62	12.033	12.032	(0.967)	30115	0.50000	0.48	
46 n-Heptane	43	12.129	12.129	(0.974)	39862	0.50000	0.47	
* 47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2028243	10.0000		
48 n-Butanol	56	12.609	12.582	(1.013)	10632	0.50000	0.62(a)	
49 Trichloroethene	95	12.817	12.812	(1.030)	29830	0.50000	0.46	
50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	23648	0.50000	0.48	
51 Methyl methacrylate	69	13.196	13.191	(1.060)	18231	0.50000	0.40(aQ)	
52 Dibromomethane	174	13.361	13.356	(1.073)	22309	0.50000	0.44	
53 1,4-Dioxane	88	13.345	13.303	(1.072)	7505	0.50000	0.44(a)	
54 Bromodichloromethane	83	13.506	13.505	(1.085)	46066	0.50000	0.45	
55 1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	36032	0.50000	0.47	
56 Methyl isobutyl ketone	43	14.285	14.269	(1.147)	37964	0.50000	0.44(a)	
57 n-Octane	43	14.520	14.514	(1.166)	54258	0.50000	0.47(a)	
58 Toluene	92	14.557	14.557	(0.890)	49993	0.50000	0.48	
59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	35929	0.50000	0.45	
60 1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	22261	0.50000	0.47	
61 Tetrachloroethene	166	15.272	15.272	(0.933)	37222	0.50000	0.44	

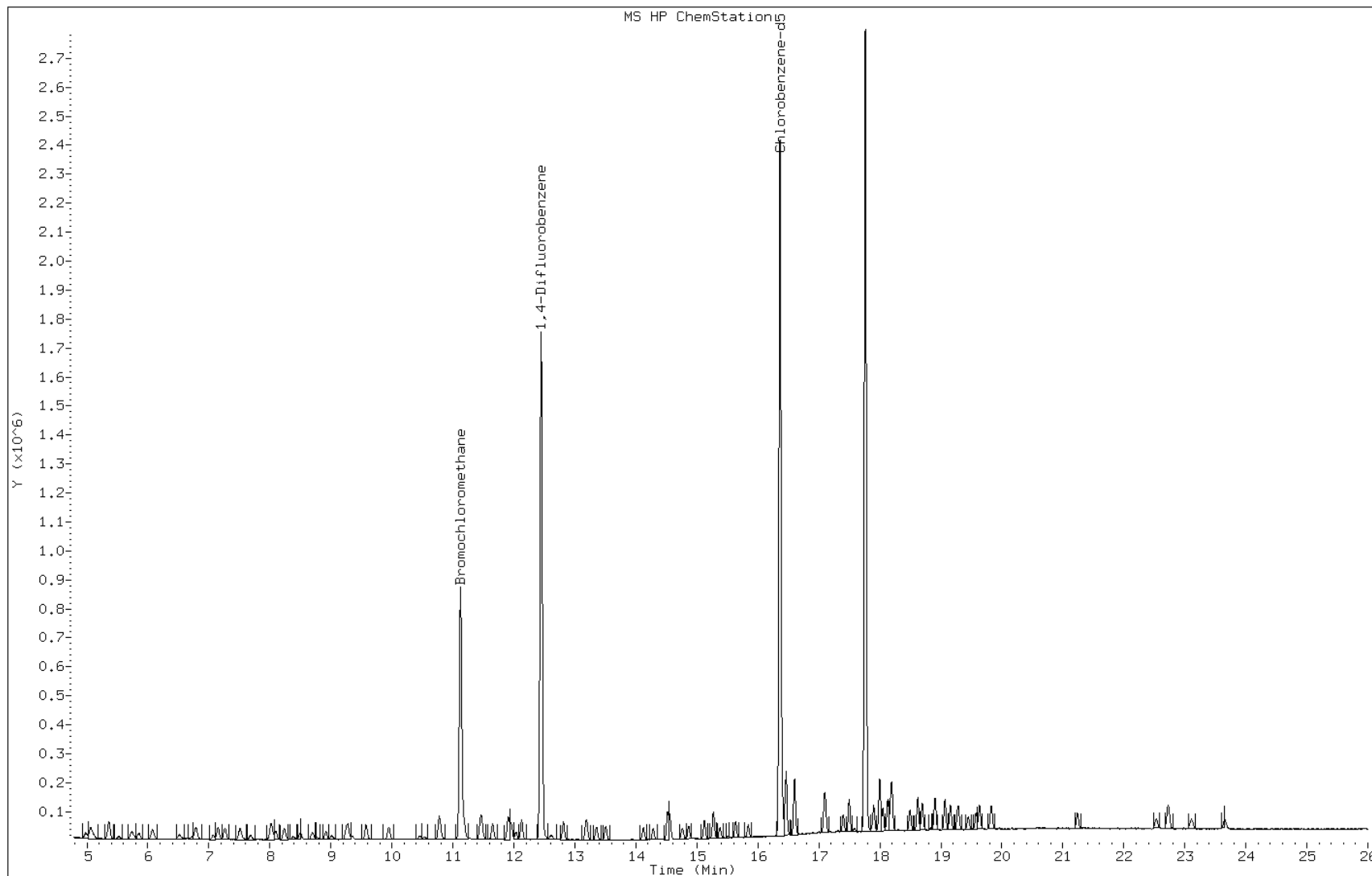
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62 2-Hexanone	43	15.379	15.363	(0.940)	35315	0.50000	0.42(a)
63 Dibromochloromethane	129	15.640	15.635	(0.956)	41133	0.50000	0.42
64 1,2-Dibromoethane	107	15.838	15.838	(0.968)	38805	0.50000	0.44
* 65 Chlorobenzene-d5	117	16.361	16.366	(1.000)	1879037	10.0000	
66 Chlorobenzene	112	16.398	16.403	(1.002)	63929	0.50000	0.46(Q)
67 n-Nonane	57	16.462	16.462	(1.006)	44974	0.50000	0.44
68 Ethylbenzene	91	16.462	16.462	(1.006)	102373	0.50000	0.44
69 Xylene (m,p)	106	16.601	16.601	(1.015)	77559	1.00000	0.85
M 70 Xylenes, Total	106				115649	0.50000	1.3
71 Xylene (o)	106	17.092	17.092	(1.045)	38090	0.50000	0.44
72 Styrene	104	17.108	17.113	(1.046)	50872	0.50000	0.38
73 Bromoform	173	17.401	17.401	(1.064)	36148	0.50000	0.38
74 Isopropylbenzene	105	17.498	17.497	(1.069)	104649	0.50000	0.42
75 1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	54922	0.50000	0.44
76 n-Propylbenzene	91	17.994	17.994	(1.100)	118474	0.50000	0.39
77 1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	43125	0.50000	0.43(a)
78 n-Decane	57	18.047	18.047	(1.103)	33541	0.50000	0.28(a)
79 4-Ethyltoluene	105	18.127	18.127	(1.108)	97289	0.50000	0.38
80 2-Chlorotoluene	91	18.181	18.181	(1.111)	93680	0.50000	0.41
81 1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	84290	0.50000	0.38
82 Alpha Methyl Styrene	118	18.496	18.495	(1.130)	34537	0.50000	0.33
83 tert-butylbenzene	119	18.618	18.618	(1.138)	80409	0.50000	0.39
84 1,2,4-Trimethylbenzene	105	18.693	18.693	(1.143)	78733	0.50000	0.37
85 sec-Butylbenzene	105	18.901	18.901	(1.155)	110806	0.50000	0.37
86 4-Isopropyltoluene	119	19.067	19.066	(1.165)	91672	0.50000	0.36
87 1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	53721	0.50000	0.37
88 1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	53819	0.50000	0.37
89 Benzyl chloride	91	19.445	19.445	(1.189)	51424	0.50000	0.31
90 Undecane	57	19.579	19.573	(1.197)	28853	0.50000	0.24(a)
91 n-Butylbenzene	91	19.632	19.632	(1.200)	72360	0.50000	0.33
92 1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	54239	0.50000	0.39
93 Dodecane	57	21.239	21.239	(1.298)	30400	0.50000	0.49(a)
94 1,2,4-Trichlorobenzene	180	22.536	22.535	(1.377)	22296	0.50000	0.30(a)
95 1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	31393	0.50000	0.43
96 Naphthalene	128	23.112	23.107	(1.413)	56653	0.50000	0.34(a)
97 1,2,3-Trichlorobenzene	180	23.656	23.651	(1.446)	22945	0.50000	0.37

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: ckn004.d
Client ID: ic 260524
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 260524
Lab Sample ID: ic 260524

Date: 12-JAN-2012 18:17
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32

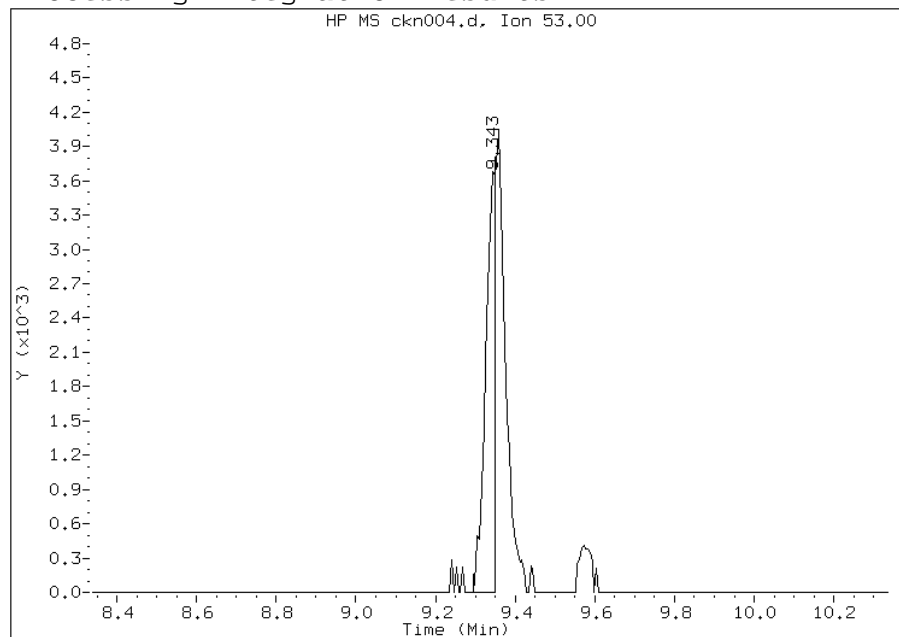


Manual Integration Report

Data File: ckn004.d
Lab Sample ID: ic 260524
Inj. Date and Time: 12-JAN-2012 18:17
Instrument ID: C.i
Client ID: ic 260524
Compound: 29 Acrylonitrile
CAS #: 107-13-1
Report Date: 01/13/2012

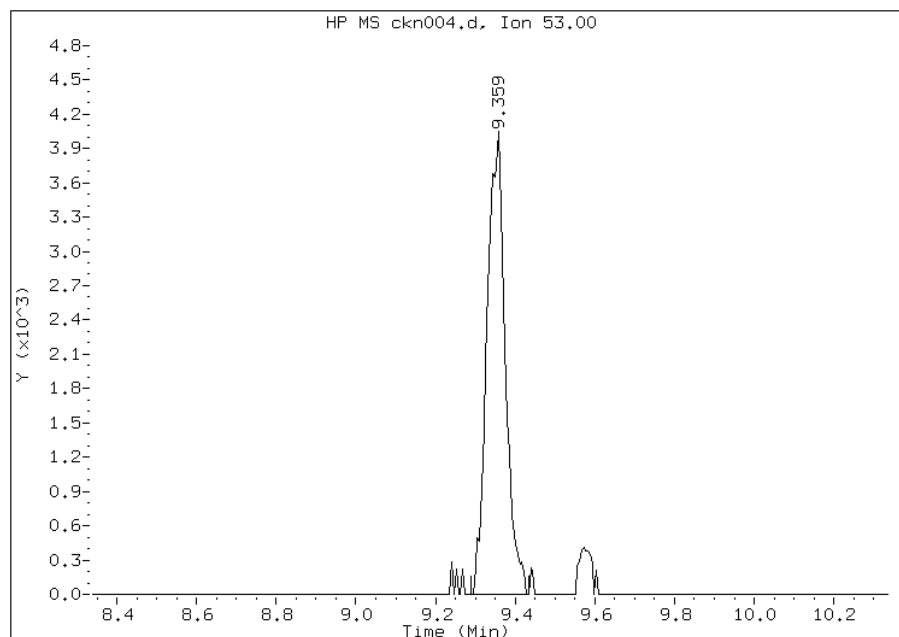
Processing Integration Results

RT: 9.34
Response: 6017
Amount: 0.242255
Conc: 0.242255



Manual Integration Results

RT: 9.36
Response: 12906
Amount: 0.475642
Conc: 0.475642



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn005.d
 Lab Smp Id: ic 275708 Client Smp ID: ic 275708
 Inj Date : 12-JAN-2012 19:07
 Operator : pad Inst ID: C.i
 Smp Info : ic 275708
 Misc Info : 200,1,level 03
 Comment :
 Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
 Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 19:07 Cal File: ckn005.d
 Als bottle: 4 Calibration Sample, Level: 3
 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		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	4.982	4.977	(0.448)	164368	5.00000	5.5
2 Dichlorodifluoromethane	85	5.062	5.057	(0.455)	614618	5.00000	5.4
3 Chlorodifluoromethane	51	5.105	5.100	(0.459)	324595	5.00000	5.3
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	648231	5.00000	5.4
5 Chloromethane	50	5.516	5.516	(0.496)	183785	5.00000	5.3
6 Butane	43	5.735	5.730	(0.515)	362350	5.00000	5.3
7 Vinyl chloride	62	5.772	5.767	(0.519)	222807	5.00000	5.3
8 1,3-Butadiene	54	5.847	5.847	(0.526)	176420	5.00000	5.4
9 Bromomethane	94	6.514	6.509	(0.586)	202844	5.00000	5.3
10 Chloroethane	64	6.717	6.712	(0.604)	123554	5.00000	5.4
11 2-Methylbutane	43	6.786	6.781	(0.610)	279808	5.00000	5.2
12 Vinyl bromide	106	7.069	7.064	(0.635)	199485	5.00000	5.2
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	604358	5.00000	5.2
14 Pentane	43	7.267	7.256	(0.653)	404848	5.00000	5.2

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	7.496	7.485	(0.674)	126117	10.0000	9.1
16 Ethyl ether	59	7.667	7.656	(0.689)	154761	5.00000	5.3
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	413393	5.00000	5.1
18 Acrolein	56	7.982	7.976	(0.717)	75846	5.00000	5.5
19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	198005	5.00000	5.2
20 Acetone	43	8.216	8.211	(0.739)	313487	5.00000	5.5
21 Carbon disulfide	76	8.494	8.494	(0.763)	592373	5.00000	5.2
22 Isopropanol	45	8.355	8.350	(0.751)	203747	5.00000	5.2
23 Allyl chloride	41	8.697	8.692	(0.782)	302623	5.00000	5.4(M)
24 Acetonitrile	41	8.740	8.692	(0.786)	121102	5.00000	5.1(QM)
25 Methylene chloride	49	8.916	8.910	(0.801)	226213	5.00000	5.2
26 Tert-butyl alcohol	59	8.980	8.969	(0.807)	305635	5.00000	5.2
27 Methyl tert-butyl ether	73	9.236	9.231	(0.830)	633481	5.00000	5.3
28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	322442	5.00000	5.3
29 Acrylonitrile	53	9.337	9.337	(0.839)	143081	5.00000	5.2
30 n-Hexane	57	9.577	9.572	(0.861)	366383	5.00000	5.2
31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	403002	5.00000	5.3
32 Vinyl acetate	43	9.940	9.935	(0.894)	532377	5.00000	5.3
M 33 1,2-Dichloroethene,Total	61				553990	10.0000	10
34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	231548	5.00000	5.1
35 Ethyl acetate	88	10.768	10.762	(0.968)	19844	5.00000	5.1
36 Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	104142	5.00000	4.9
* 37 Bromochloromethane	128	11.125	11.125	(1.000)	352678	10.0000	
38 Tetrahydrofuran	42	11.162	11.152	(0.897)	238074	5.00000	5.3
39 Chloroform	83	11.173	11.173	(1.004)	485032	5.00000	5.3
40 Cyclohexane	84	11.477	11.477	(0.922)	341498	5.00000	5.1
41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	538969	5.00000	5.2
42 Carbon tetrachloride	117	11.648	11.648	(0.936)	552839	5.00000	5.2
43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.956)	1166957	5.00000	5.1
44 Benzene	78	11.958	11.958	(0.961)	727424	5.00000	5.0
45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	328153	5.00000	5.2
46 n-Heptane	43	12.128	12.129	(0.974)	431540	5.00000	5.1
* 47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2044699	10.0000	
48 n-Butanol	56	12.593	12.582	(1.012)	90256	5.00000	5.2
49 Trichloroethene	95	12.812	12.812	(1.029)	331112	5.00000	5.1
50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	256158	5.00000	5.1
51 Methyl methacrylate	69	13.191	13.191	(1.060)	236948	5.00000	5.1
52 Dibromomethane	174	13.356	13.356	(1.073)	255889	5.00000	5.0
53 1,4-Dioxane	88	13.308	13.303	(1.069)	84509	5.00000	4.9(a)
54 Bromodichloromethane	83	13.505	13.505	(1.085)	540096	5.00000	5.2
55 1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	399640	5.00000	5.2
56 Methyl isobutyl ketone	43	14.274	14.269	(1.147)	460424	5.00000	5.3
57 n-Octane	43	14.514	14.514	(1.166)	606415	5.00000	5.2
58 Toluene	92	14.557	14.557	(0.889)	535528	5.00000	5.1
59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	415673	5.00000	5.2
60 1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	249184	5.00000	5.2
61 Tetrachloroethene	166	15.267	15.272	(0.933)	428265	5.00000	5.0

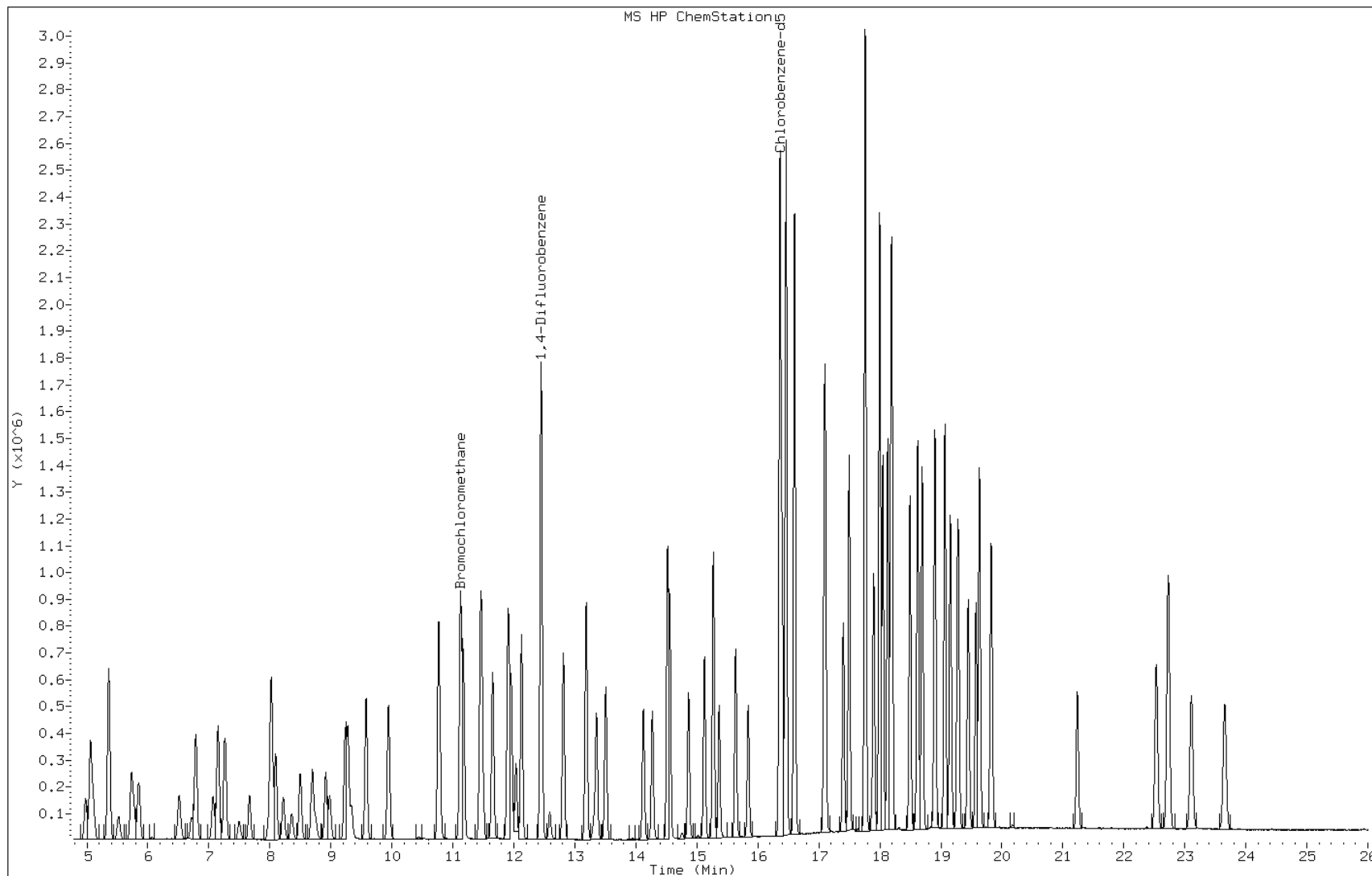
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62 2-Hexanone	43	15.363	15.363	(0.939)	438850	5.00000	5.2
63 Dibromochloromethane	129	15.635	15.635	(0.955)	520996	5.00000	5.2
64 1,2-Dibromoethane	107	15.838	15.838	(0.968)	461773	5.00000	5.2
* 65 Chlorobenzene-d5	117	16.366	16.366	(1.000)	1898863	10.00000	
66 Chlorobenzene	112	16.403	16.403	(1.002)	717855	5.00000	5.1
67 n-Nonane	57	16.462	16.462	(1.006)	547437	5.00000	5.3
68 Ethylbenzene	91	16.462	16.462	(1.006)	1194740	5.00000	5.1
69 Xylene (m,p)	106	16.601	16.601	(1.014)	925189	10.00000	10
M 70 Xylenes, Total	106				1374461	5.00000	15
71 Xylene (o)	106	17.092	17.092	(1.044)	449272	5.00000	5.1
72 Styrene	104	17.108	17.113	(1.045)	699238	5.00000	5.1
73 Bromoform	173	17.401	17.401	(1.063)	494064	5.00000	5.1
74 Isopropylbenzene	105	17.497	17.497	(1.069)	1293182	5.00000	5.1
75 1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	654677	5.00000	5.2
76 n-Propylbenzene	91	17.994	17.994	(1.099)	1575451	5.00000	5.1
77 1,2,3-Trichloropropane	75	17.994	17.994	(1.099)	522434	5.00000	5.2
78 n-Decane	57	18.047	18.047	(1.103)	620292	5.00000	5.0
79 4-Ethyltoluene	105	18.127	18.127	(1.108)	1346208	5.00000	5.1
80 2-Chlorotoluene	91	18.180	18.181	(1.111)	1183380	5.00000	5.2
81 1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	1146247	5.00000	5.1
82 Alpha Methyl Styrene	118	18.495	18.495	(1.130)	556905	5.00000	5.3
83 tert-butylbenzene	119	18.618	18.618	(1.138)	1055687	5.00000	5.1
84 1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	1128080	5.00000	5.2
85 sec-Butylbenzene	105	18.901	18.901	(1.155)	1559326	5.00000	5.1
86 4-Isopropyltoluene	119	19.066	19.066	(1.165)	1314382	5.00000	5.1
87 1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	748042	5.00000	5.1
88 1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	737997	5.00000	5.0
89 Benzyl chloride	91	19.445	19.445	(1.188)	996124	5.00000	6.0
90 Undecane	57	19.573	19.573	(1.196)	416503	5.00000	3.5(a)
91 n-Butylbenzene	91	19.632	19.632	(1.200)	1169618	5.00000	5.3
92 1,2-Dichlorobenzene	146	19.824	19.830	(1.211)	716800	5.00000	5.1
93 Dodecane	57	21.239	21.239	(1.298)	290136	5.00000	4.6(a)
94 1,2,4-Trichlorobenzene	180	22.530	22.535	(1.377)	396780	5.00000	5.3
95 1,3-Hexachlorobutadiene	225	22.728	22.733	(1.389)	364954	5.00000	5.0
96 Naphthalene	128	23.106	23.107	(1.412)	907861	5.00000	5.5
97 1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	333083	5.00000	5.3

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: ckn005.d
Client ID: ic 275708
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 275708
Lab Sample ID: ic 275708

Date: 12-JAN-2012 19:07
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32

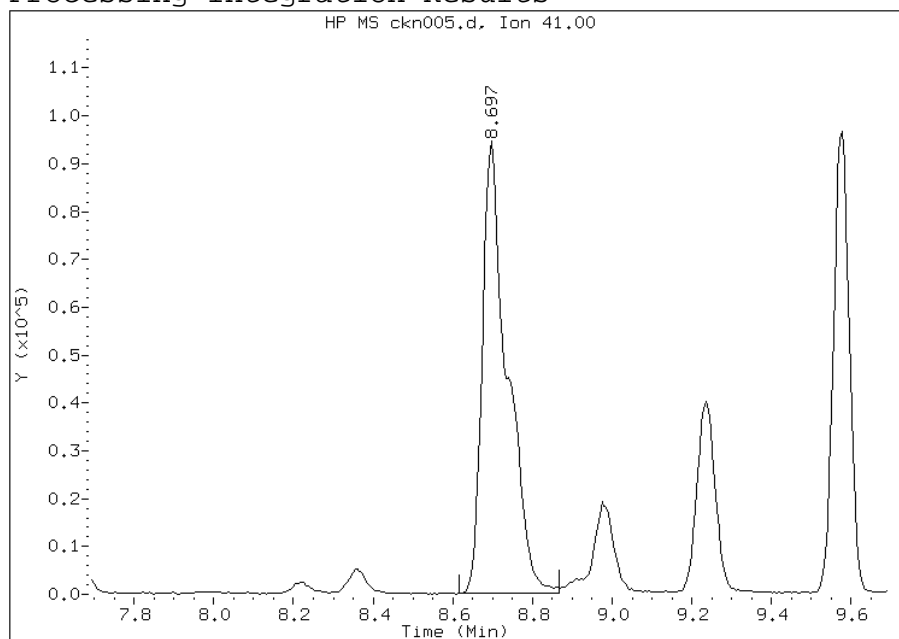


Manual Integration Report

Data File: ckn005.d
Lab Sample ID: ic 275708
Inj. Date and Time: 12-JAN-2012 19:07
Instrument ID: C.i
Client ID: ic 275708
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

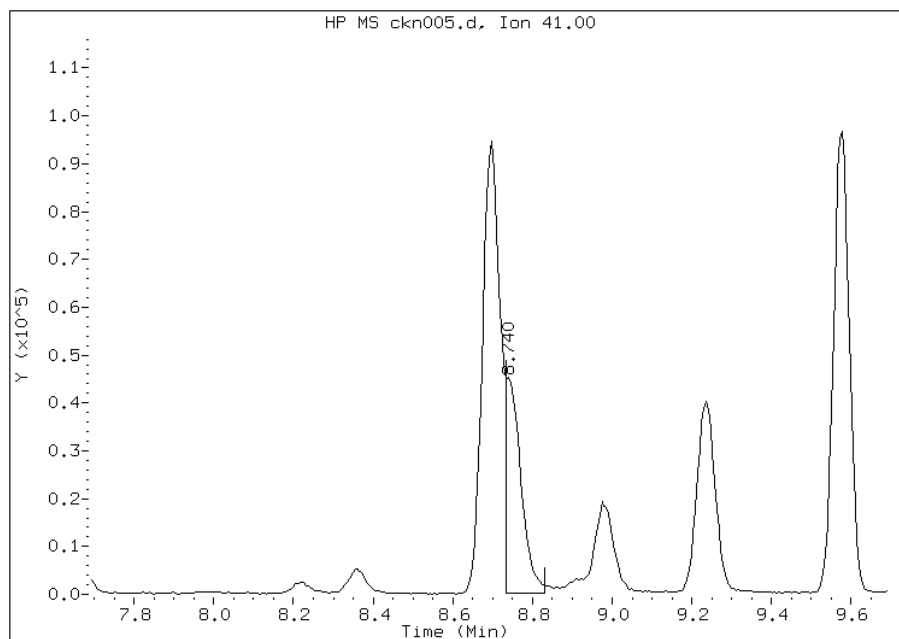
Processing Integration Results

RT: 8.70
Response: 411674
Amount: 5.31
Conc: 5.31



Manual Integration Results

RT: 8.74
Response: 121102
Amount: 5.07
Conc: 5.07



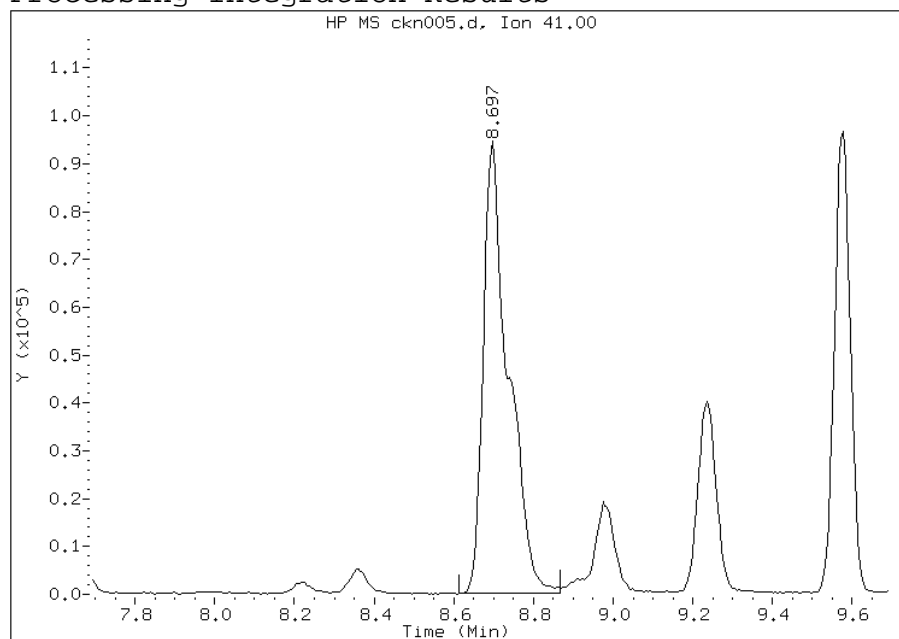
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn005.d
Lab Sample ID: ic 275708
Inj. Date and Time: 12-JAN-2012 19:07
Instrument ID: C.i
Client ID: ic 275708
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

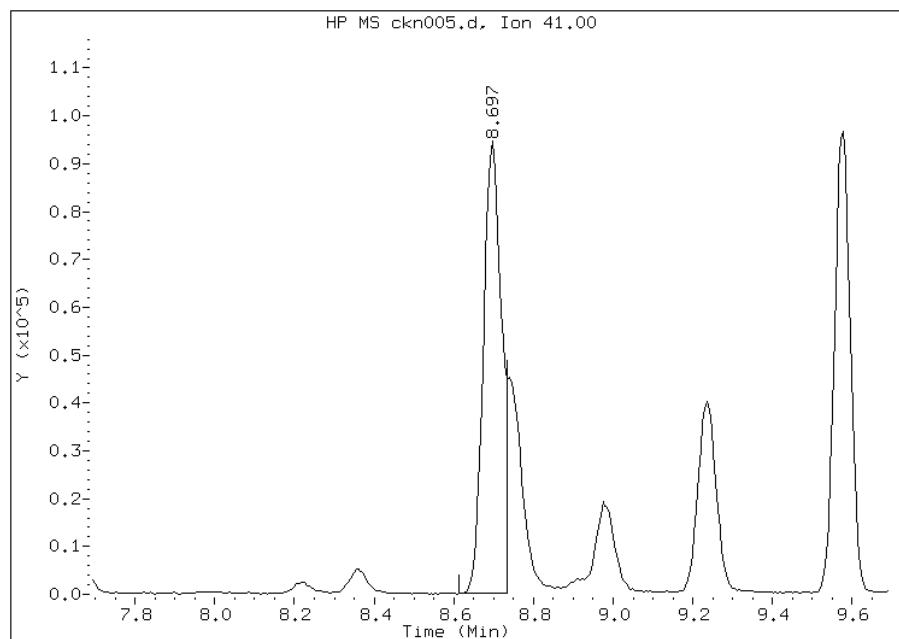
Processing Integration Results

RT: 8.70
Response: 411899
Amount: 6.18
Conc: 6.18



Manual Integration Results

RT: 8.70
Response: 302623
Amount: 5.37
Conc: 5.37



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn006.d
 Lab Smp Id: icis 275681 Client Smp ID: icis 275681
 Inj Date : 12-JAN-2012 19:56
 Operator : pad Inst ID: C.i
 Smp Info : icis 275681
 Misc Info : 200,1,level 04
 Comment :
 Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
 Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 19:56 Cal File: ckn006.d
 Als bottle: 5 Calibration Sample, Level: 4
 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		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	4.977	4.977	(0.447)	314426	10.0000	10
2 Dichlorodifluoromethane	85	5.057	5.057	(0.455)	1193357	10.0000	10
3 Chlorodifluoromethane	51	5.100	5.100	(0.458)	634842	10.0000	9.9
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.481)	1261386	10.0000	10
5 Chloromethane	50	5.516	5.516	(0.496)	352904	10.0000	9.7
6 Butane	43	5.730	5.730	(0.515)	709222	10.0000	9.8
7 Vinyl chloride	62	5.767	5.767	(0.518)	443210	10.0000	10
8 1,3-Butadiene	54	5.847	5.847	(0.526)	347389	10.0000	10
9 Bromomethane	94	6.509	6.509	(0.585)	396006	10.0000	9.9
10 Chloroethane	64	6.712	6.712	(0.603)	239319	10.0000	9.9
11 2-Methylbutane	43	6.781	6.781	(0.610)	541983	10.0000	9.6
12 Vinyl bromide	106	7.064	7.064	(0.635)	397587	10.0000	10
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	1188424	10.0000	9.8
14 Pentane	43	7.256	7.256	(0.652)	798336	10.0000	9.8

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	7.485	7.485	(0.673)	210175	15.0000	14
16 Ethyl ether	59	7.656	7.656	(0.688)	321921	10.0000	10
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.014	8.014	(0.720)	820421	10.0000	9.7
18 Acrolein	56	7.976	7.976	(0.717)	162005	10.0000	11
19 1,1-Dichloroethene	96	8.088	8.088	(0.727)	397140	10.0000	10
20 Acetone	43	8.211	8.211	(0.738)	626319	10.0000	10
21 Carbon disulfide	76	8.494	8.494	(0.764)	1186028	10.0000	9.9
22 Isopropanol	45	8.350	8.350	(0.751)	450077	10.0000	11
23 Allyl chloride	41	8.692	8.692	(0.781)	595173	10.0000	10(M)
24 Acetonitrile	41	8.729	8.692	(0.785)	244482	10.0000	9.8(QM)
25 Methylene chloride	49	8.910	8.910	(0.801)	432115	10.0000	9.5
26 Tert-butyl alcohol	59	8.969	8.969	(0.806)	660300	10.0000	11
27 Methyl tert-butyl ether	73	9.231	9.231	(0.830)	1319326	10.0000	10
28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	627754	10.0000	9.8
29 Acrylonitrile	53	9.337	9.337	(0.839)	292396	10.0000	10
30 n-Hexane	57	9.572	9.572	(0.860)	719803	10.0000	9.8
31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	793943	10.0000	9.9
32 Vinyl acetate	43	9.935	9.935	(0.893)	1110237	10.0000	11
M 33 1,2-Dichloroethene,Total	61				1093658	20.0000	20
34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	465904	10.0000	9.8
35 Ethyl acetate	88	10.762	10.762	(0.967)	42869	10.0000	10
36 Methyl Ethyl Ketone	72	10.762	10.762	(0.967)	222224	10.0000	10
* 37 Bromochloromethane	128	11.125	11.125	(1.000)	370433	10.0000	
38 Tetrahydrofuran	42	11.152	11.152	(0.896)	491656	10.0000	11
39 Chloroform	83	11.173	11.173	(1.004)	962534	10.0000	9.9
40 Cyclohexane	84	11.477	11.477	(0.922)	678699	10.0000	9.8
41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	1077750	10.0000	10
42 Carbon tetrachloride	117	11.648	11.648	(0.936)	1101077	10.0000	10
43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.957)	2363284	10.0000	10
44 Benzene	78	11.958	11.958	(0.961)	1463974	10.0000	9.7
45 1,2-Dichloroethane	62	12.032	12.032	(0.967)	657267	10.0000	10
46 n-Heptane	43	12.129	12.129	(0.975)	875364	10.0000	10
* 47 1,4-Difluorobenzene	114	12.443	12.443	(1.000)	2111595	10.0000	
48 n-Butanol	56	12.582	12.582	(1.011)	193845	10.0000	11
49 Trichloroethene	95	12.812	12.812	(1.030)	663493	10.0000	9.8
50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	517389	10.0000	10
51 Methyl methacrylate	69	13.191	13.191	(1.060)	515934	10.0000	11
52 Dibromomethane	174	13.356	13.356	(1.073)	523241	10.0000	10
53 1,4-Dioxane	88	13.303	13.303	(1.069)	190925	10.0000	11
54 Bromodichloromethane	83	13.505	13.505	(1.085)	1096972	10.0000	10
55 1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	815107	10.0000	10
56 Methyl isobutyl ketone	43	14.269	14.269	(1.147)	983555	10.0000	11
57 n-Octane	43	14.514	14.514	(1.166)	1218080	10.0000	10
58 Toluene	92	14.557	14.557	(0.889)	1094900	10.0000	10
59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.195)	847266	10.0000	10
60 1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	499976	10.0000	10
61 Tetrachloroethene	166	15.272	15.272	(0.933)	895881	10.0000	10

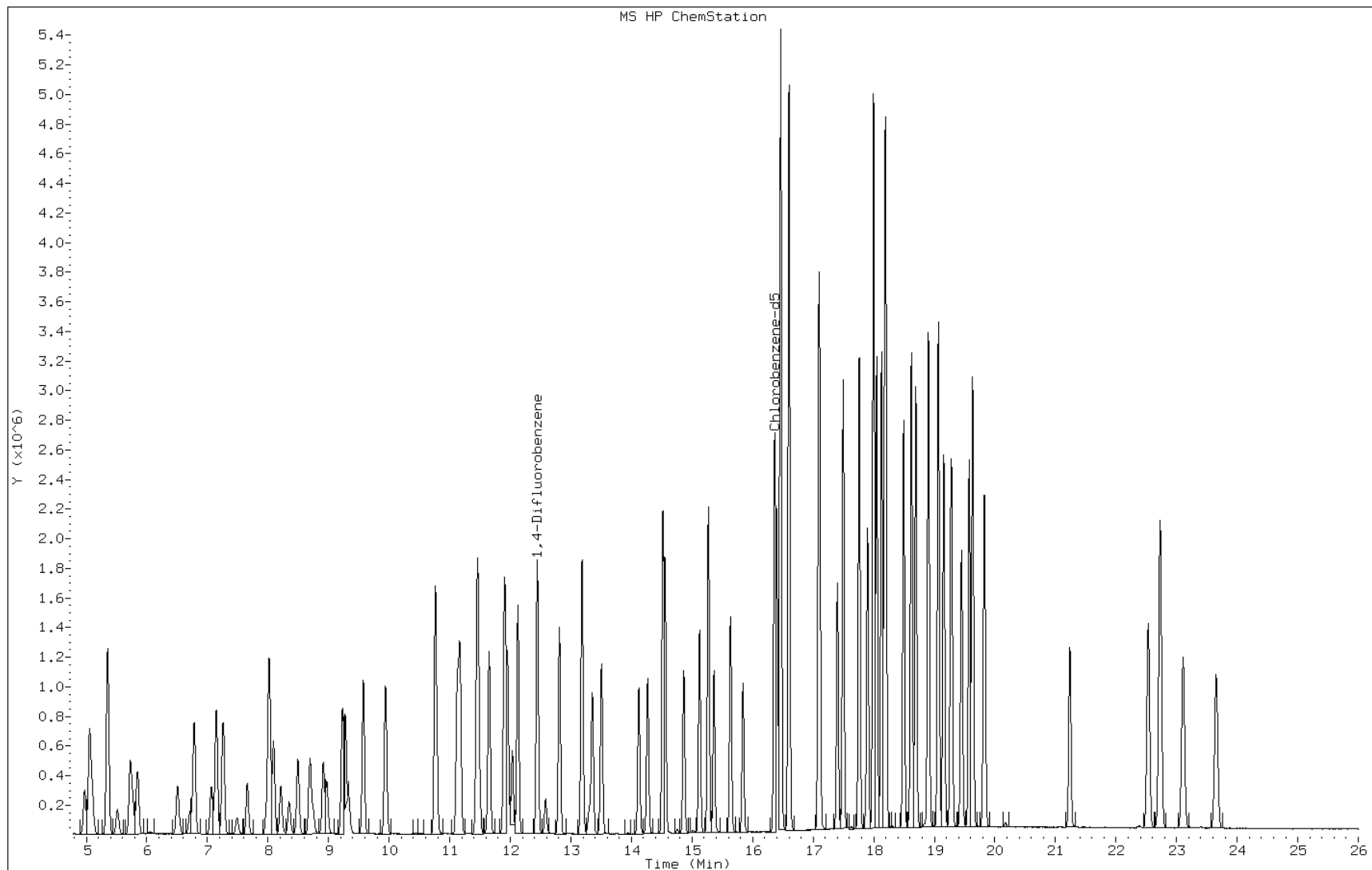
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62 2-Hexanone	43	15.363	15.363	(0.939)	960549	10.0000	11
63 Dibromochloromethane	129	15.635	15.635	(0.955)	1076717	10.0000	10
64 1,2-Dibromoethane	107	15.838	15.838	(0.968)	940321	10.0000	10
* 65 Chlorobenzene-d5	117	16.366	16.366	(1.000)	1980776	10.0000	
66 Chlorobenzene	112	16.403	16.403	(1.002)	1456155	10.0000	10
67 n-Nonane	57	16.462	16.462	(1.006)	1149631	10.0000	11
68 Ethylbenzene	91	16.462	16.462	(1.006)	2530631	10.0000	10
69 Xylene (m,p)	106	16.601	16.601	(1.014)	1995781	20.0000	21
M 70 Xylenes, Total	106				2948173	10.0000	31
71 Xylene (o)	106	17.092	17.092	(1.044)	952392	10.0000	10
72 Styrene	104	17.113	17.113	(1.046)	1534206	10.0000	11
73 Bromoform	173	17.401	17.401	(1.063)	1061970	10.0000	10
74 Isopropylbenzene	105	17.497	17.497	(1.069)	2774311	10.0000	10
75 1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	1365856	10.0000	10
76 n-Propylbenzene	91	17.994	17.994	(1.099)	3445403	10.0000	11
77 1,2,3-Trichloropropane	75	17.994	17.994	(1.099)	1102943	10.0000	10
78 n-Decane	57	18.047	18.047	(1.103)	1406975	10.0000	11
79 4-Ethyltoluene	105	18.127	18.127	(1.108)	2939260	10.0000	11
80 2-Chlorotoluene	91	18.181	18.181	(1.111)	2494856	10.0000	10
81 1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	2533871	10.0000	11
82 Alpha Methyl Styrene	118	18.495	18.495	(1.130)	1236433	10.0000	11
83 tert-butylbenzene	119	18.618	18.618	(1.138)	2318457	10.0000	11
84 1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	2473176	10.0000	11
85 sec-Butylbenzene	105	18.901	18.901	(1.155)	3460403	10.0000	11
86 4-Isopropyltoluene	119	19.066	19.066	(1.165)	2951004	10.0000	11
87 1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	1624238	10.0000	11
88 1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	1607654	10.0000	11
89 Benzyl chloride	91	19.445	19.445	(1.188)	2175384	10.0000	13
90 Undecane	57	19.573	19.573	(1.196)	1238862	10.0000	9.9
91 n-Butylbenzene	91	19.632	19.632	(1.200)	2642499	10.0000	11
92 1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	1541816	10.0000	11
93 Dodecane	57	21.239	21.239	(1.298)	693161	10.0000	11
94 1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	899429	10.0000	12
95 1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	796994	10.0000	10
96 Naphthalene	128	23.107	23.107	(1.412)	2080516	10.0000	12
97 1,2,3-Trichlorobenzene	180	23.651	23.651	(1.445)	734647	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.
 M - Compound response manually integrated.

Data File: ckn006.d
Client ID: icis 275681
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 275681
Lab Sample ID: icis 275681

Date: 12-JAN-2012 19:56
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32

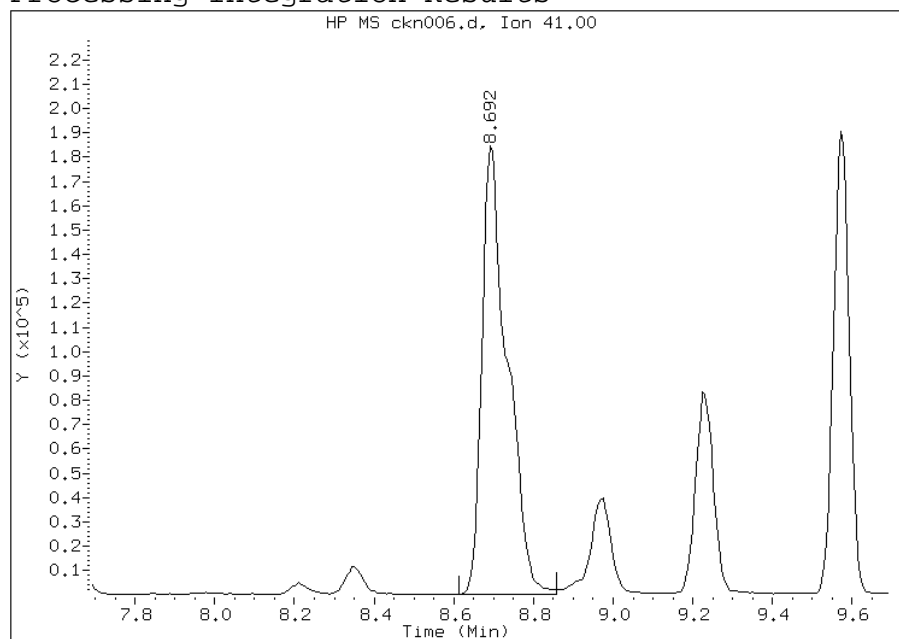


Manual Integration Report

Data File: ckn006.d
Lab Sample ID: icis 275681
Inj. Date and Time: 12-JAN-2012 19:56
Instrument ID: C.i
Client ID: icis 275681
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

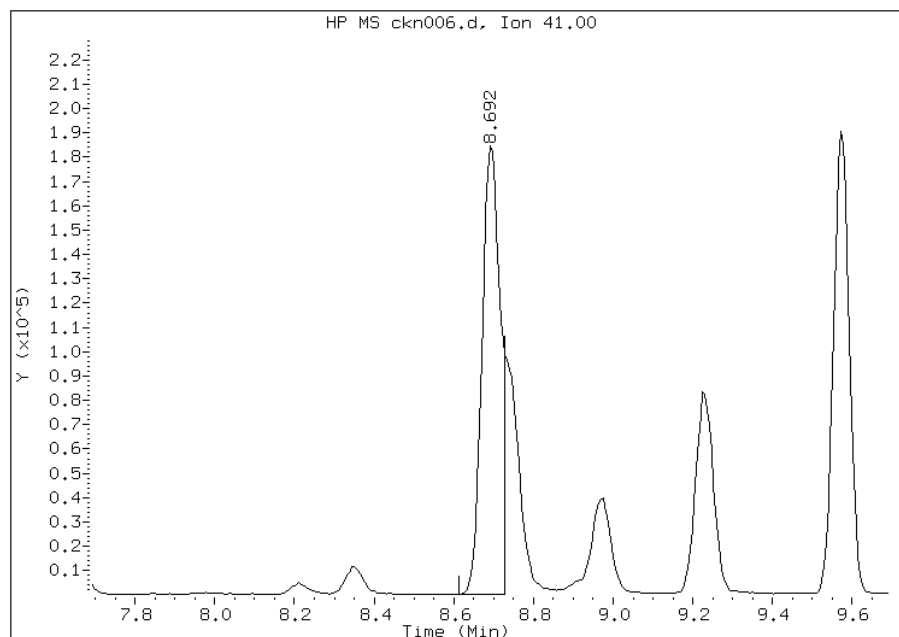
Processing Integration Results

RT: 8.69
Response: 813387
Amount: 10.00
Conc: 10.00



Manual Integration Results

RT: 8.69
Response: 595173
Amount: 10.06
Conc: 10.06



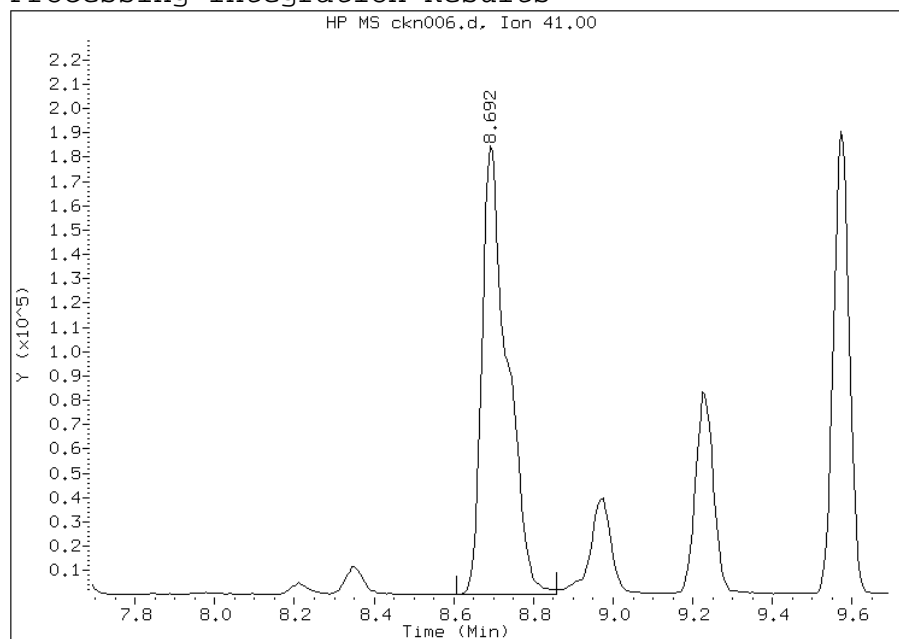
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn006.d
Lab Sample ID: icis 275681
Inj. Date and Time: 12-JAN-2012 19:56
Instrument ID: C.i
Client ID: icis 275681
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

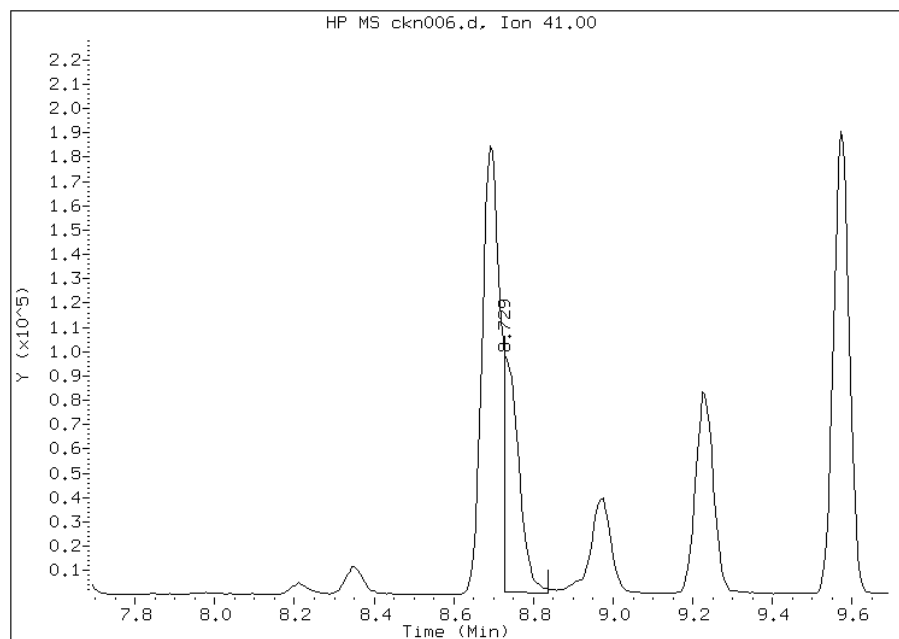
Processing Integration Results

RT: 8.69
Response: 814880
Amount: 11.76
Conc: 11.76



Manual Integration Results

RT: 8.73
Response: 244482
Amount: 9.75
Conc: 9.75



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn007.d
 Lab Smp Id: ic 260512 Client Smp ID: ic 260512
 Inj Date : 12-JAN-2012 20:47
 Operator : pad Inst ID: C.i
 Smp Info : ic 260512
 Misc Info : 200,1,level 05
 Comment :
 Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
 Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 20:47 Cal File: ckn007.d
 Als bottle: 6 Calibration Sample, Level: 5
 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		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	4.982	4.977	(0.448)	485356	15.0000	15
2 Dichlorodifluoromethane	85	5.062	5.057	(0.455)	1854488	15.0000	15
3 Chlorodifluoromethane	51	5.110	5.100	(0.459)	996752	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	1997449	15.0000	15
5 Chloromethane	50	5.521	5.516	(0.496)	549575	15.0000	14
6 Butane	43	5.735	5.730	(0.515)	1121511	15.0000	15
7 Vinyl chloride	62	5.778	5.767	(0.519)	692836	15.0000	15
8 1,3-Butadiene	54	5.852	5.847	(0.526)	547311	15.0000	15
9 Bromomethane	94	6.519	6.509	(0.586)	630692	15.0000	15
10 Chloroethane	64	6.717	6.712	(0.604)	381408	15.0000	15
11 2-Methylbutane	43	6.786	6.781	(0.610)	855830	15.0000	14
12 Vinyl bromide	106	7.069	7.064	(0.635)	636192	15.0000	15
13 Trichlorofluoromethane	101	7.154	7.149	(0.643)	1917664	15.0000	15
14 Pentane	43	7.267	7.256	(0.653)	1305041	15.0000	15

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	7.491	7.485	(0.673)	325033	20.0000	21
16 Ethyl ether	59	7.661	7.656	(0.689)	499536	15.0000	15
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	1355175	15.0000	15
18 Acrolein	56	7.982	7.976	(0.717)	209253	15.0000	14
19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	654204	15.0000	16
20 Acetone	43	8.217	8.211	(0.739)	1009349	15.0000	16
21 Carbon disulfide	76	8.499	8.494	(0.764)	1930584	15.0000	15
22 Isopropanol	45	8.355	8.350	(0.751)	672277	15.0000	15
23 Allyl chloride	41	8.697	8.692	(0.782)	1022329	15.0000	16(M)
24 Acetonitrile	41	8.729	8.692	(0.785)	434480	15.0000	16(QM)
25 Methylene chloride	49	8.916	8.910	(0.801)	703655	15.0000	15
26 Tert-butyl alcohol	59	8.974	8.969	(0.807)	1007457	15.0000	16
27 Methyl tert-butyl ether	73	9.236	9.231	(0.830)	2048683	15.0000	15
28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	1032134	15.0000	15
29 Acrylonitrile	53	9.343	9.337	(0.840)	464850	15.0000	15
30 n-Hexane	57	9.577	9.572	(0.861)	1183134	15.0000	15
31 1,1-Dichloroethane	63	9.956	9.951	(0.895)	1283068	15.0000	15
32 Vinyl acetate	43	9.940	9.935	(0.894)	1643135	15.0000	15
M 33 1,2-Dichloroethene,Total	61				1789317	30.0000	31
34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	757183	15.0000	15
35 Ethyl acetate	88	10.768	10.762	(0.968)	66490	15.0000	15
36 Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	350008	15.0000	15
* 37 Bromochloromethane	128	11.125	11.125	(1.000)	389958	10.0000	
38 Tetrahydrofuran	42	11.157	11.152	(0.896)	753459	15.0000	15
39 Chloroform	83	11.178	11.173	(1.005)	1547981	15.0000	15
40 Cyclohexane	84	11.477	11.477	(0.922)	1130422	15.0000	15
41 1,1,1-Trichloroethane	97	11.456	11.451	(0.920)	1741905	15.0000	15
42 Carbon tetrachloride	117	11.653	11.648	(0.936)	1794005	15.0000	15
43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	3839664	15.0000	15
44 Benzene	78	11.958	11.958	(0.961)	2378506	15.0000	15
45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	1046724	15.0000	15
46 n-Heptane	43	12.128	12.129	(0.974)	1422186	15.0000	15
* 47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2222189	10.0000	
48 n-Butanol	56	12.582	12.582	(1.011)	265595	15.0000	14
49 Trichloroethene	95	12.817	12.812	(1.030)	1089895	15.0000	15
50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	824439	15.0000	15
51 Methyl methacrylate	69	13.191	13.191	(1.060)	802172	15.0000	16
52 Dibromomethane	174	13.361	13.356	(1.073)	860910	15.0000	16
53 1,4-Dioxane	88	13.303	13.303	(1.069)	288519	15.0000	15
54 Bromodichloromethane	83	13.511	13.505	(1.085)	1750887	15.0000	16
55 1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	1291237	15.0000	15
56 Methyl isobutyl ketone	43	14.269	14.269	(1.146)	1501938	15.0000	16
57 n-Octane	43	14.519	14.514	(1.166)	1938680	15.0000	15
58 Toluene	92	14.557	14.557	(0.889)	1770416	15.0000	16
59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	1327083	15.0000	15
60 1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	794623	15.0000	15
61 Tetrachloroethene	166	15.272	15.272	(0.933)	1464780	15.0000	16

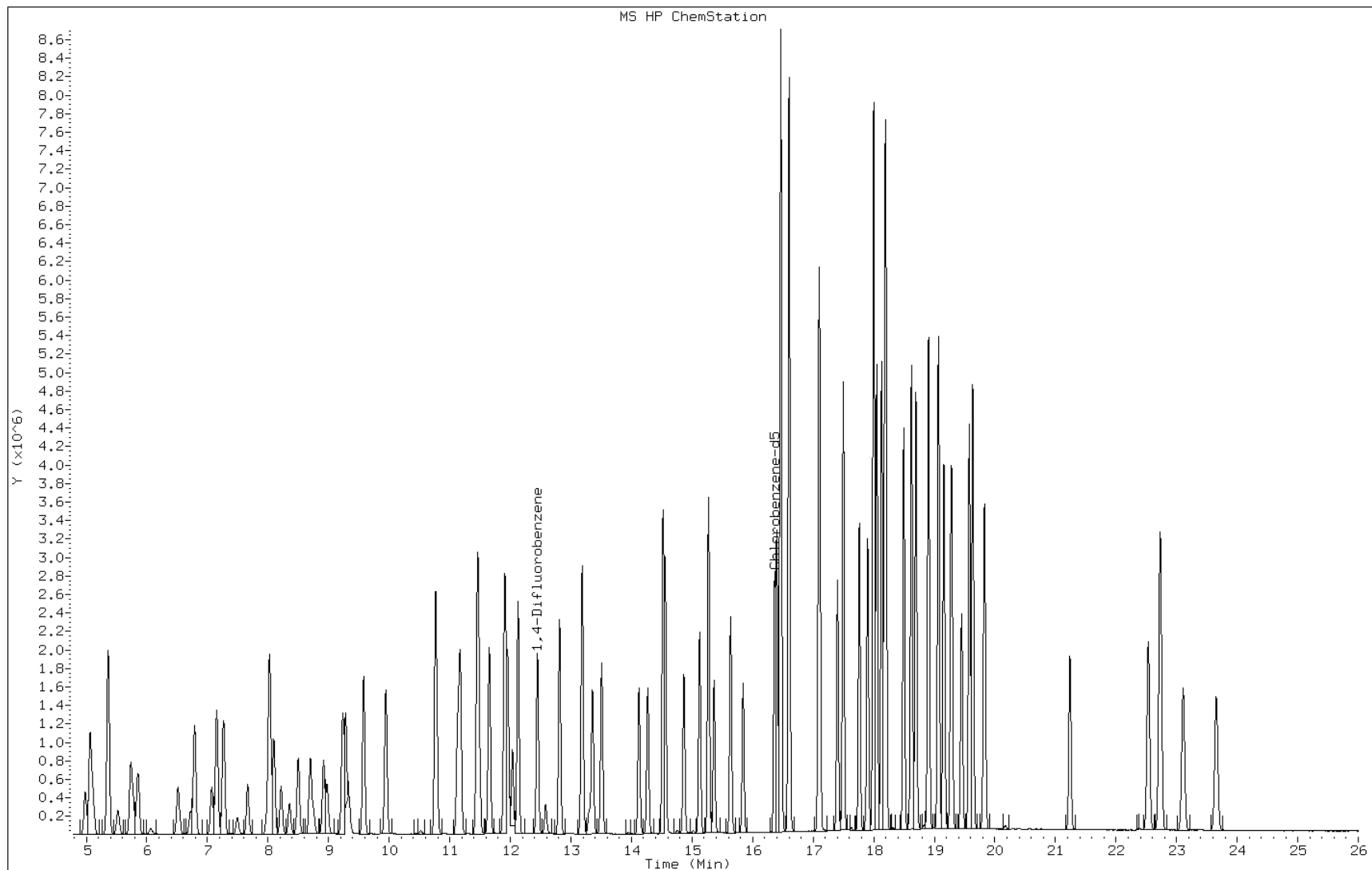
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	15.363	15.363	(0.939)	1451528	15.0000	16
63 Dibromochloromethane	129	15.640	15.635	(0.956)	1736454	15.0000	16
64 1,2-Dibromoethane	107	15.843	15.838	(0.968)	1511953	15.0000	16
* 65 Chlorobenzene-d5	117	16.366	16.366	(1.000)	2054450	10.0000	
66 Chlorobenzene	112	16.403	16.403	(1.002)	2328319	15.0000	15
67 n-Nonane	57	16.462	16.462	(1.006)	1835314	15.0000	16
68 Ethylbenzene	91	16.462	16.462	(1.006)	4070299	15.0000	16
69 Xylene (m,p)	106	16.601	16.601	(1.014)	3233954	30.0000	33
M 70 Xylenes, Total	106				4754973	15.0000	49
71 Xylene (o)	106	17.092	17.092	(1.044)	1521019	15.0000	16
72 Styrene	104	17.113	17.113	(1.046)	2450159	15.0000	17
73 Bromoform	173	17.401	17.401	(1.063)	1714401	15.0000	16
74 Isopropylbenzene	105	17.497	17.497	(1.069)	4451344	15.0000	16
75 1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	2126291	15.0000	16
76 n-Propylbenzene	91	17.999	17.994	(1.100)	5530963	15.0000	17
77 1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	1734368	15.0000	16
78 n-Decane	57	18.047	18.047	(1.103)	2291481	15.0000	17
79 4-Ethyltoluene	105	18.132	18.127	(1.108)	4716078	15.0000	17
80 2-Chlorotoluene	91	18.181	18.181	(1.111)	4028893	15.0000	16
81 1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	4115170	15.0000	17
82 Alpha Methyl Styrene	118	18.495	18.495	(1.130)	1952598	15.0000	17
83 tert-butylbenzene	119	18.618	18.618	(1.138)	3702181	15.0000	17
84 1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	3931491	15.0000	17
85 sec-Butylbenzene	105	18.906	18.901	(1.155)	5562365	15.0000	17
86 4-Isopropyltoluene	119	19.072	19.066	(1.165)	4730900	15.0000	17
87 1,3-Dichlorobenzene	146	19.163	19.157	(1.171)	2580727	15.0000	16
88 1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	2560692	15.0000	16
89 Benzyl chloride	91	19.451	19.445	(1.188)	2721612	15.0000	15
90 Undecane	57	19.579	19.573	(1.196)	2214195	15.0000	17
91 n-Butylbenzene	91	19.632	19.632	(1.200)	4205383	15.0000	17
92 1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	2423759	15.0000	16
93 Dodecane	57	21.239	21.239	(1.298)	1076324	15.0000	16
94 1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	1323161	15.0000	16
95 1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	1247073	15.0000	16
96 Naphthalene	128	23.106	23.107	(1.412)	2761811	15.0000	15
97 1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	1034883	15.0000	15

QC Flag Legend

Q - Qualifier signal failed the ratio test.
 M - Compound response manually integrated.

Data File: ckn007.d
Client ID: ic 260512
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 260512
Lab Sample ID: ic 260512

Date: 12-JAN-2012 20:47
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32

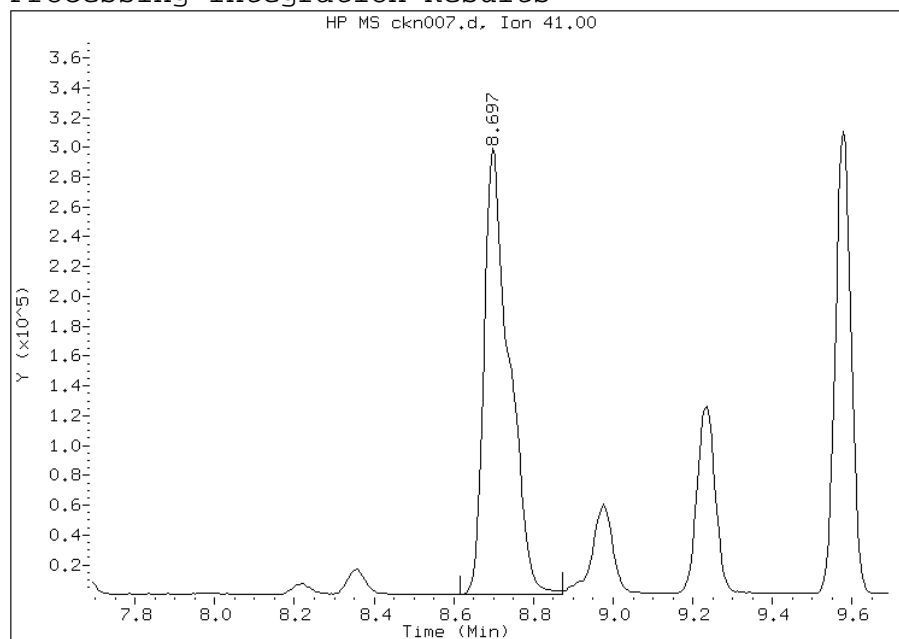


Manual Integration Report

Data File: ckn007.d
Lab Sample ID: ic 260512
Inj. Date and Time: 12-JAN-2012 20:47
Instrument ID: C.i
Client ID: ic 260512
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

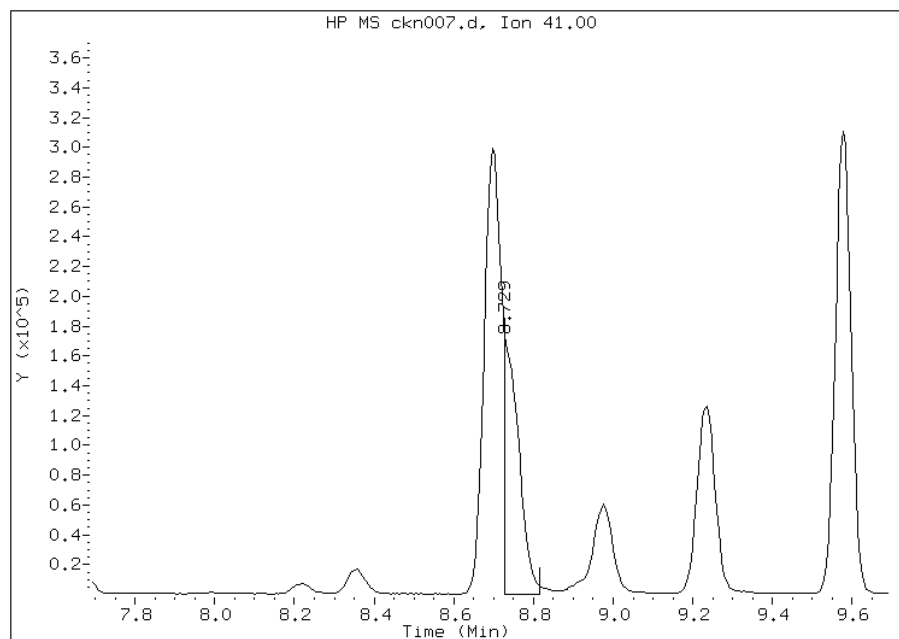
Processing Integration Results

RT: 8.70
Response: 1306524
Amount: 21.45
Conc: 21.45



Manual Integration Results

RT: 8.73
Response: 434480
Amount: 16.46
Conc: 16.46



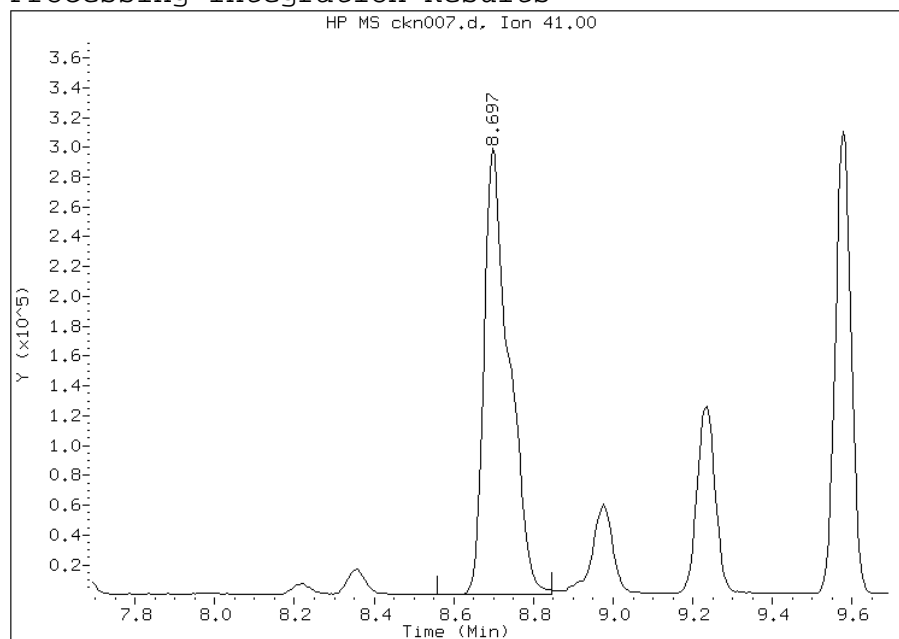
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn007.d
Lab Sample ID: ic 260512
Inj. Date and Time: 12-JAN-2012 20:47
Instrument ID: C.i
Client ID: ic 260512
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

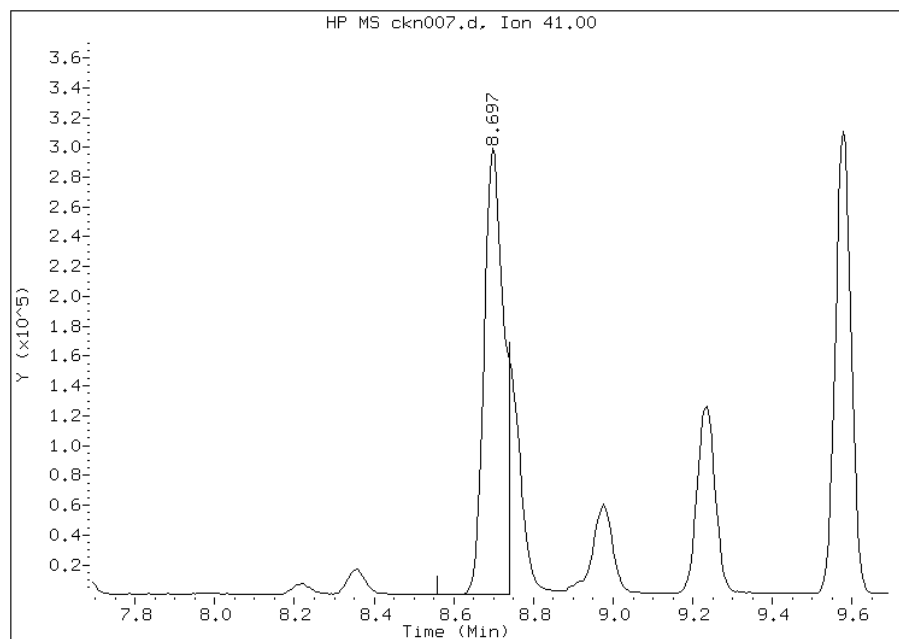
Processing Integration Results

RT: 8.70
Response: 1304060
Amount: 17.08
Conc: 17.08



Manual Integration Results

RT: 8.70
Response: 1022329
Amount: 16.42
Conc: 16.42



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn008.d
 Lab Smp Id: ic 260506 Client Smp ID: ic 260506
 Inj Date : 12-JAN-2012 21:37
 Operator : pad Inst ID: C.i
 Smp Info : ic 260506
 Misc Info : 200,1,level 06
 Comment :
 Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
 Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 21:37 Cal File: ckn008.d
 Als bottle: 7 Calibration Sample, Level: 6
 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		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	4.977	4.977	(0.447)	642156	20.0000	19
2 Dichlorodifluoromethane	85	5.057	5.057	(0.455)	2485758	20.0000	19
3 Chlorodifluoromethane	51	5.100	5.100	(0.458)	1354442	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	2734338	20.0000	20
5 Chloromethane	50	5.516	5.516	(0.496)	744558	20.0000	19
6 Butane	43	5.730	5.730	(0.515)	1502450	20.0000	19
7 Vinyl chloride	62	5.767	5.767	(0.518)	943665	20.0000	20
8 1,3-Butadiene	54	5.847	5.847	(0.526)	748317	20.0000	20
9 Bromomethane	94	6.514	6.509	(0.586)	857039	20.0000	20
10 Chloroethane	64	6.712	6.712	(0.603)	518949	20.0000	20
11 2-Methylbutane	43	6.781	6.781	(0.610)	1154428	20.0000	19
12 Vinyl bromide	106	7.069	7.064	(0.635)	876421	20.0000	20
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	2619217	20.0000	20
14 Pentane	43	7.261	7.256	(0.653)	1778599	20.0000	20

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	7.491	7.485	(0.673)	655374	40.0000	41
16 Ethyl ether	59	7.656	7.656	(0.688)	653922	20.0000	20
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	1878862	20.0000	20
18 Acrolein	56	7.977	7.976	(0.717)	255980	20.0000	16
19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	903288	20.0000	21
20 Acetone	43	8.211	8.211	(0.738)	1289077	20.0000	20
21 Carbon disulfide	76	8.500	8.494	(0.764)	2656196	20.0000	20
22 Isopropanol	45	8.350	8.350	(0.751)	840327	20.0000	19
23 Allyl chloride	41	8.697	8.692	(0.782)	1288376	20.0000	20(M)
24 Acetonitrile	41	8.729	8.692	(0.785)	506136	20.0000	19(QM)
25 Methylene chloride	49	8.911	8.910	(0.801)	957117	20.0000	19
26 Tert-butyl alcohol	59	8.975	8.969	(0.807)	1254439	20.0000	19
27 Methyl tert-butyl ether	73	9.231	9.231	(0.830)	2673066	20.0000	19
28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	1417165	20.0000	20
29 Acrylonitrile	53	9.338	9.337	(0.839)	599940	20.0000	19
30 n-Hexane	57	9.578	9.572	(0.861)	1626390	20.0000	20
31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	1757954	20.0000	20
32 Vinyl acetate	43	9.935	9.935	(0.893)	2130650	20.0000	19
M 33 1,2-Dichloroethene,Total	61				2462489	40.0000	41
34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	1045324	20.0000	20
35 Ethyl acetate	88	10.762	10.762	(0.967)	87276	20.0000	20
36 Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	457413	20.0000	19(Q)
* 37 Bromochloromethane	128	11.125	11.125	(1.000)	402858	10.0000	
38 Tetrahydrofuran	42	11.157	11.152	(0.896)	966633	20.0000	19
39 Chloroform	83	11.179	11.173	(1.005)	2122194	20.0000	20
40 Cyclohexane	84	11.478	11.477	(0.922)	1560992	20.0000	21
41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	2397414	20.0000	20
42 Carbon tetrachloride	117	11.648	11.648	(0.936)	2473773	20.0000	21
43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	5298632	20.0000	21
44 Benzene	78	11.958	11.958	(0.961)	3297019	20.0000	20
45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	1420173	20.0000	20
46 n-Heptane	43	12.129	12.129	(0.974)	1942193	20.0000	20
* 47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2288200	10.0000	
48 n-Butanol	56	12.582	12.582	(1.011)	335857	20.0000	17
49 Trichloroethene	95	12.817	12.812	(1.030)	1523905	20.0000	21
50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	1128343	20.0000	20
51 Methyl methacrylate	69	13.191	13.191	(1.060)	1053256	20.0000	20
52 Dibromomethane	174	13.362	13.356	(1.073)	1205373	20.0000	21
53 1,4-Dioxane	88	13.303	13.303	(1.069)	361017	20.0000	19
54 Bromodichloromethane	83	13.511	13.505	(1.085)	2406049	20.0000	21
55 1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	1739219	20.0000	20
56 Methyl isobutyl ketone	43	14.269	14.269	(1.146)	1945497	20.0000	20
57 n-Octane	43	14.514	14.514	(1.166)	2603835	20.0000	20
58 Toluene	92	14.557	14.557	(0.889)	2395936	20.0000	20
59 1,3-Dichloropropene (trans)	75	14.867	14.866	(1.194)	1770301	20.0000	20
60 1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	1070318	20.0000	20
61 Tetrachloroethene	166	15.272	15.272	(0.933)	2048197	20.0000	21

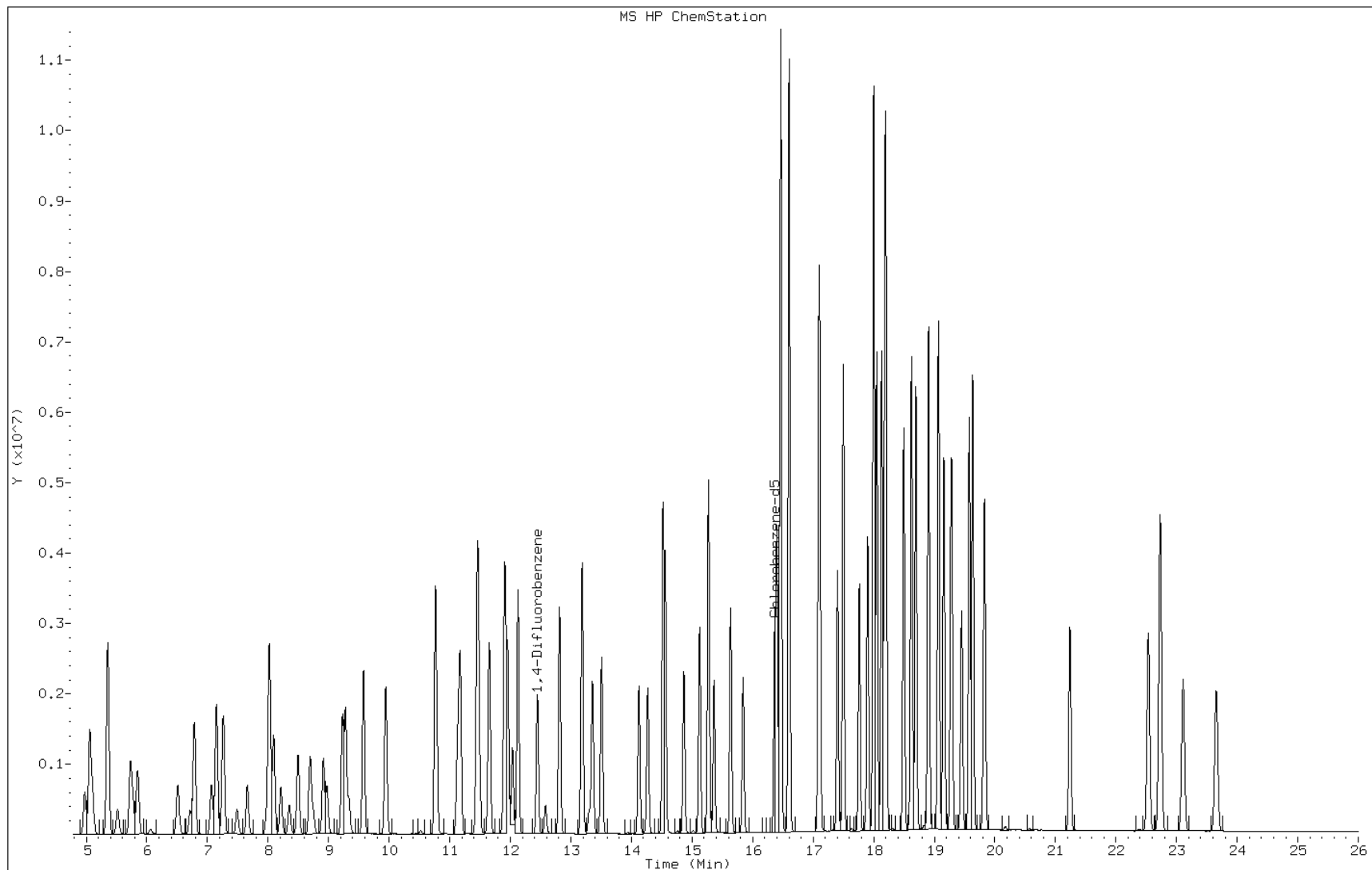
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62 2-Hexanone	43	15.363	15.363	(0.939)	1883901	20.0000	20
63 Dibromochloromethane	129	15.640	15.635	(0.956)	2377248	20.0000	21
64 1,2-Dibromoethane	107	15.843	15.838	(0.968)	2052504	20.0000	20
* 65 Chlorobenzene-d5	117	16.366	16.366	(1.000)	2143741	10.0000	
66 Chlorobenzene	112	16.404	16.403	(1.002)	3156461	20.0000	20
67 n-Nonane	57	16.462	16.462	(1.006)	2451141	20.0000	21
68 Ethylbenzene	91	16.462	16.462	(1.006)	5450255	20.0000	21
69 Xylene (m,p)	106	16.601	16.601	(1.014)	4340919	40.0000	42
M 70 Xylenes, Total	106				6369775	20.0000	62
71 Xylene (o)	106	17.092	17.092	(1.044)	2028856	20.0000	21
72 Styrene	104	17.113	17.113	(1.046)	3306139	20.0000	22
73 Bromoform	173	17.402	17.401	(1.063)	2358687	20.0000	22
74 Isopropylbenzene	105	17.498	17.497	(1.069)	6007143	20.0000	21
75 1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	2824080	20.0000	20
76 n-Propylbenzene	91	17.999	17.994	(1.100)	7468447	20.0000	21
77 1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	2296131	20.0000	20
78 n-Decane	57	18.053	18.047	(1.103)	3086404	20.0000	22
79 4-Ethyltoluene	105	18.127	18.127	(1.108)	6349129	20.0000	22
80 2-Chlorotoluene	91	18.181	18.181	(1.111)	5420024	20.0000	21
81 1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	5560289	20.0000	22
82 Alpha Methyl Styrene	118	18.496	18.495	(1.130)	2620912	20.0000	22
83 tert-butylbenzene	119	18.618	18.618	(1.138)	4966064	20.0000	21
84 1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	5255052	20.0000	22
85 sec-Butylbenzene	105	18.907	18.901	(1.155)	7495490	20.0000	22
86 4-Isopropyltoluene	119	19.072	19.066	(1.165)	6405600	20.0000	22
87 1,3-Dichlorobenzene	146	19.163	19.157	(1.171)	3497607	20.0000	21
88 1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	3479925	20.0000	21
89 Benzyl chloride	91	19.451	19.445	(1.188)	3629889	20.0000	19
90 Undecane	57	19.579	19.573	(1.196)	2952057	20.0000	22
91 n-Butylbenzene	91	19.632	19.632	(1.200)	5656470	20.0000	22
92 1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	3253416	20.0000	21
93 Dodecane	57	21.239	21.239	(1.298)	1665695	20.0000	24
94 1,2,4-Trichlorobenzene	180	22.536	22.535	(1.377)	1847693	20.0000	22
95 1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	1739454	20.0000	21
96 Naphthalene	128	23.107	23.107	(1.412)	3863247	20.0000	21
97 1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	1444020	20.0000	20

QC Flag Legend

Q - Qualifier signal failed the ratio test.
 M - Compound response manually integrated.

Data File: ckn008.d
Client ID: ic 260506
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 260506
Lab Sample ID: ic 260506

Date: 12-JAN-2012 21:37
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32

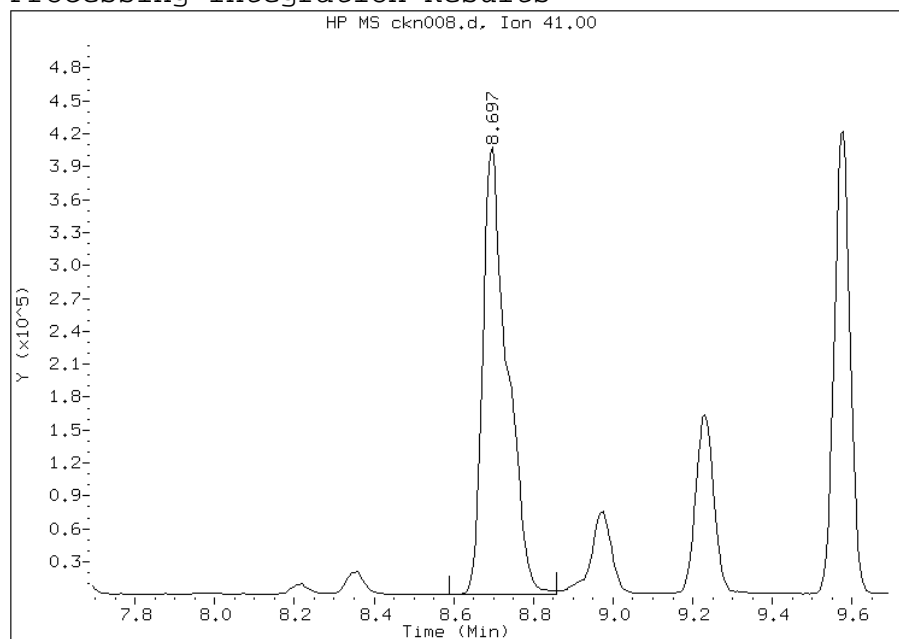


Manual Integration Report

Data File: ckn008.d
Lab Sample ID: ic 260506
Inj. Date and Time: 12-JAN-2012 21:37
Instrument ID: C.i
Client ID: ic 260506
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

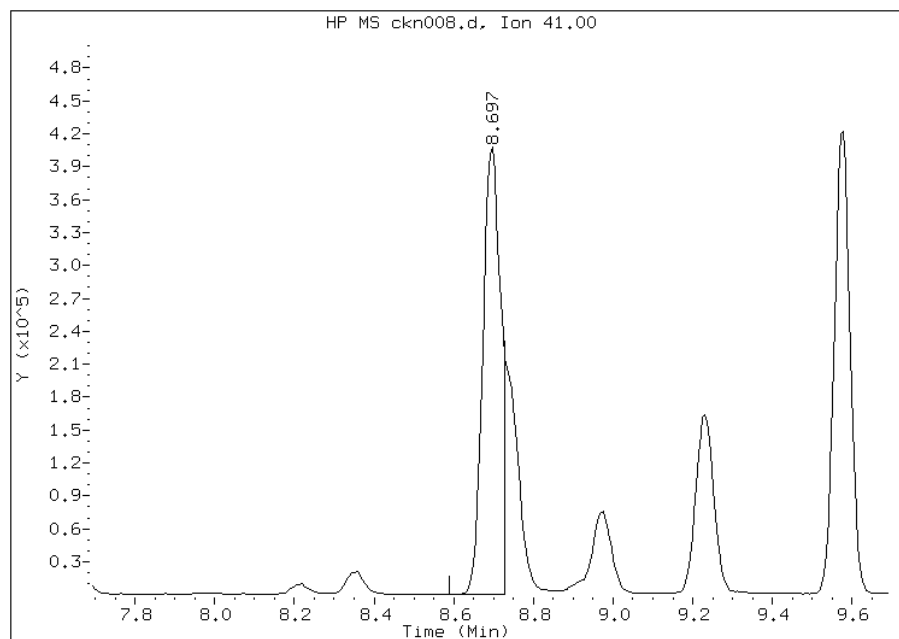
Processing Integration Results

RT: 8.70
Response: 1737805
Amount: 21.67
Conc: 21.67



Manual Integration Results

RT: 8.70
Response: 1288376
Amount: 20.03
Conc: 20.03



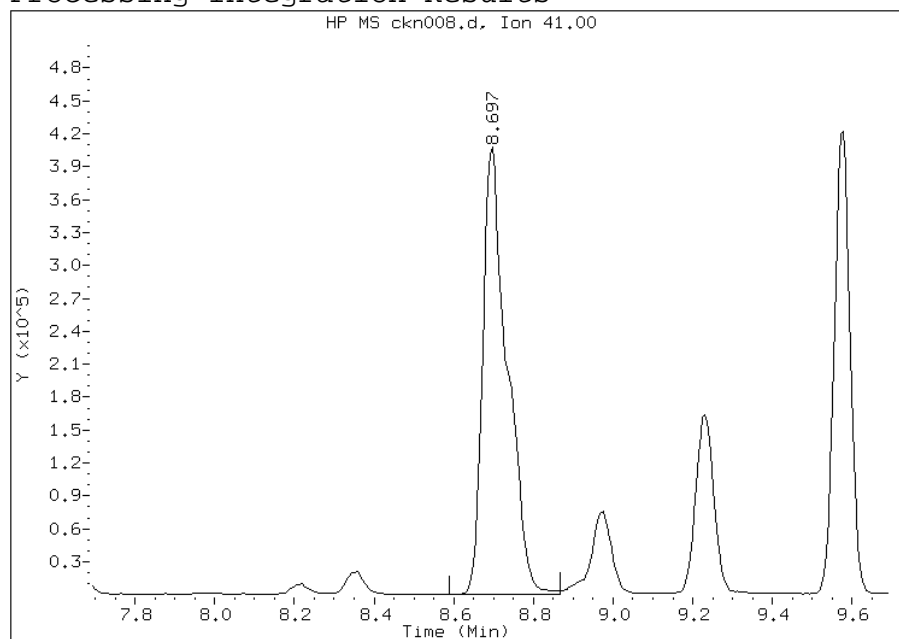
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn008.d
Lab Sample ID: ic 260506
Inj. Date and Time: 12-JAN-2012 21:37
Instrument ID: C.i
Client ID: ic 260506
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

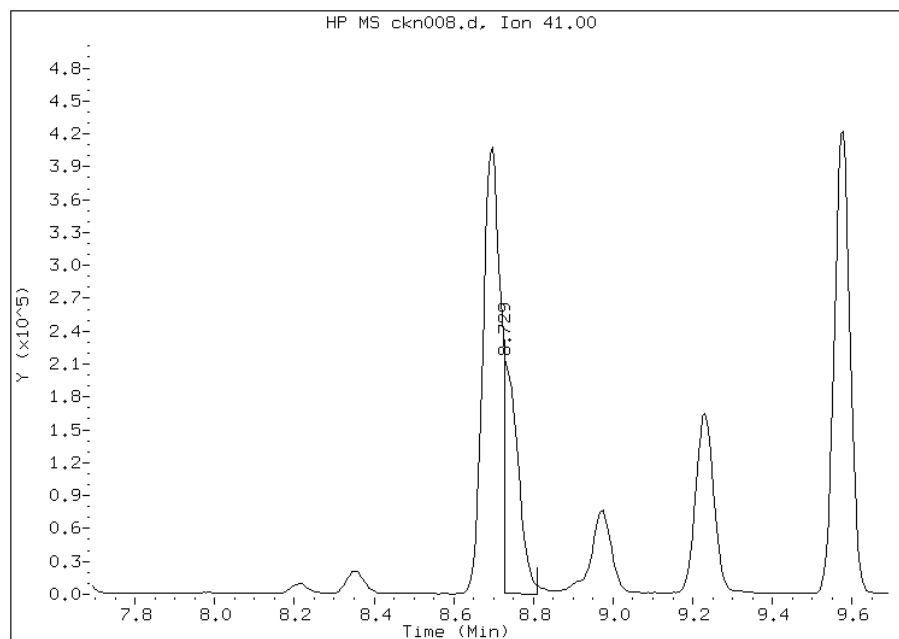
Processing Integration Results

RT: 8.70
Response: 1739690
Amount: 34.17
Conc: 34.17



Manual Integration Results

RT: 8.73
Response: 506136
Amount: 18.56
Conc: 18.56



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn009.d
 Lab Smp Id: ic 275630 Client Smp ID: ic 275630
 Inj Date : 12-JAN-2012 22:26
 Operator : pad Inst ID: C.i
 Smp Info : ic 275630
 Misc Info : 200,1,level 07
 Comment :
 Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
 Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.d
 Als bottle: 8 Calibration Sample, Level: 7
 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		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	4.982	4.977	(0.448)	1240324	40.0000	34
2 Dichlorodifluoromethane	85	5.062	5.057	(0.455)	4872701	40.0000	35
3 Chlorodifluoromethane	51	5.110	5.100	(0.459)	2637649	40.0000	35
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	5454358	40.0000	37
5 Chloromethane	50	5.521	5.516	(0.496)	1467156	40.0000	35
6 Butane	43	5.735	5.730	(0.515)	2956367	40.0000	35
7 Vinyl chloride	62	5.772	5.767	(0.519)	1870415	40.0000	37
8 1,3-Butadiene	54	5.852	5.847	(0.526)	1473218	40.0000	37
9 Bromomethane	94	6.519	6.509	(0.586)	1708098	40.0000	37
10 Chloroethane	64	6.717	6.712	(0.603)	1014200	40.0000	36
11 2-Methylbutane	43	6.786	6.781	(0.610)	2235241	40.0000	34
12 Vinyl bromide	106	7.069	7.064	(0.635)	1775936	40.0000	38
13 Trichlorofluoromethane	101	7.154	7.149	(0.643)	5253681	40.0000	37
14 Pentane	43	7.267	7.256	(0.653)	3568449	40.0000	38

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	7.496	7.485	(0.673)	1536315	100.000	91
16 Ethyl ether	59	7.661	7.656	(0.688)	1339424	40.0000	37
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.720)	3857410	40.0000	39
18 Acrolein	56	7.982	7.976	(0.717)	701003	40.0000	42(A)
19 1,1-Dichloroethene	96	8.094	8.088	(0.727)	1838510	40.0000	40
20 Acetone	43	8.216	8.211	(0.738)	2337743	40.0000	33
21 Carbon disulfide	76	8.499	8.494	(0.764)	5421208	40.0000	39
22 Isopropanol	45	8.361	8.350	(0.751)	1775656	40.0000	37
23 Allyl chloride	41	8.697	8.692	(0.781)	2544349	40.0000	37(M)
24 Acetonitrile	41	8.729	8.692	(0.784)	1145797	40.0000	39(QM)
25 Methylene chloride	49	8.916	8.910	(0.801)	1898633	40.0000	36
26 Tert-butyl alcohol	59	8.980	8.969	(0.807)	2613182	40.0000	37
27 Methyl tert-butyl ether	73	9.236	9.231	(0.830)	5455934	40.0000	37
28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	2862136	40.0000	39
29 Acrylonitrile	53	9.343	9.337	(0.839)	1310646	40.0000	39
30 n-Hexane	57	9.577	9.572	(0.860)	3306317	40.0000	39
31 1,1-Dichloroethane	63	9.956	9.951	(0.894)	3577531	40.0000	38
32 Vinyl acetate	43	9.940	9.935	(0.893)	4623328	40.0000	38
M 33 1,2-Dichloroethene,Total	61				5034216	80.0000	78
34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.968)	2172080	40.0000	40
35 Ethyl acetate	88	10.768	10.762	(0.967)	180565	40.0000	38
36 Methyl Ethyl Ketone	72	10.768	10.762	(0.967)	914910	40.0000	36(Q)
* 37 Bromochloromethane	128	11.130	11.125	(1.000)	429653	10.0000	(Q)
38 Tetrahydrofuran	42	11.157	11.152	(0.896)	1961436	40.0000	37
39 Chloroform	83	11.178	11.173	(1.004)	4309197	40.0000	38
40 Cyclohexane	84	11.477	11.477	(0.922)	3229203	40.0000	41(A)
41 1,1,1-Trichloroethane	97	11.456	11.451	(0.920)	4895660	40.0000	40(A)
42 Carbon tetrachloride	117	11.653	11.648	(0.936)	5100456	40.0000	41(A)
43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	10931388	40.0000	41(A)
44 Benzene	78	11.958	11.958	(0.961)	6919593	40.0000	41(A)
45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	2820086	40.0000	39
46 n-Heptane	43	12.134	12.129	(0.975)	3899083	40.0000	39
* 47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2384686	10.0000	
48 n-Butanol	56	12.582	12.582	(1.011)	868822	40.0000	43(A)
49 Trichloroethene	95	12.817	12.812	(1.030)	3176879	40.0000	42(A)
50 1,2-Dichloropropane	63	13.185	13.180	(1.059)	2299443	40.0000	40(Q)
51 Methyl methacrylate	69	13.190	13.191	(1.060)	2206706	40.0000	41(A)
52 Dibromomethane	174	13.361	13.356	(1.073)	2567945	40.0000	43(A)
53 1,4-Dioxane	88	13.303	13.303	(1.069)	776320	40.0000	39
54 Bromodichloromethane	83	13.511	13.505	(1.085)	4886689	40.0000	41(A)
55 1,3-Dichloropropene (cis)	75	14.130	14.125	(1.135)	3576930	40.0000	40
56 Methyl isobutyl ketone	43	14.274	14.269	(1.147)	3853172	40.0000	38
57 n-Octane	43	14.519	14.514	(1.166)	5107019	40.0000	38
58 Toluene	92	14.557	14.557	(0.889)	5039162	40.0000	41(A)
59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	3715118	40.0000	40
60 1,1,2-Trichloroethane	83	15.128	15.123	(0.924)	2208485	40.0000	39
61 Tetrachloroethene	166	15.272	15.272	(0.933)	4500446	40.0000	44(A)

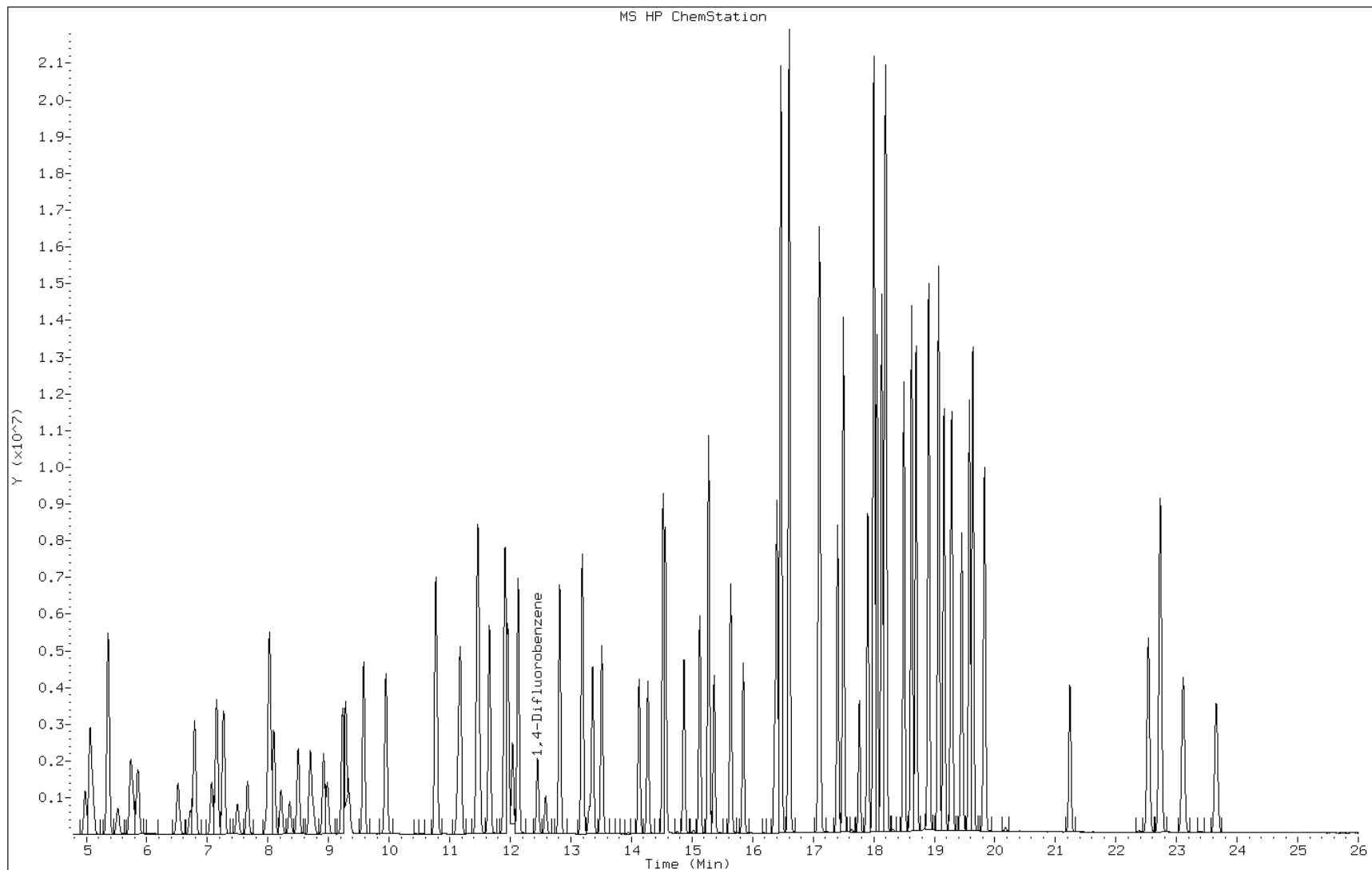
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62 2-Hexanone	43	15.363	15.363	(0.939)	3761791	40.0000	38
63 Dibromochloromethane	129	15.640	15.635	(0.956)	5085011	40.0000	43(A)
64 1,2-Dibromoethane	107	15.843	15.838	(0.968)	4306960	40.0000	41(A)
* 65 Chlorobenzene-d5	117	16.366	16.366	(1.000)	2238326	10.0000	
66 Chlorobenzene	112	16.403	16.403	(1.002)	6723670	40.0000	41(A)
67 n-Nonane	57	16.462	16.462	(1.006)	4648094	40.0000	38
68 Ethylbenzene	91	16.467	16.462	(1.006)	11214249	40.0000	41(A)
69 Xylene (m,p)	106	16.601	16.601	(1.014)	9254798	80.0000	86(A)
M 70 Xylenes, Total	106				13545633	40.0000	130
71 Xylene (o)	106	17.097	17.092	(1.045)	4290835	40.0000	42(A)
72 Styrene	104	17.113	17.113	(1.046)	7140868	40.0000	44(A)
73 Bromoform	173	17.401	17.401	(1.063)	5447930	40.0000	48(A)
74 Isopropylbenzene	105	17.497	17.497	(1.069)	13086979	40.0000	44(A)
75 1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	5992313	40.0000	41(A)
76 n-Propylbenzene	91	17.999	17.994	(1.100)	15799657	40.0000	44(A)
77 1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	4641882	40.0000	39
78 n-Decane	57	18.052	18.047	(1.103)	6332753	40.0000	44(A)
79 4-Ethyltoluene	105	18.132	18.127	(1.108)	13930493	40.0000	45(A)
80 2-Chlorotoluene	91	18.186	18.181	(1.111)	11425456	40.0000	42(A)
81 1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	11817935	40.0000	45(A)
82 Alpha Methyl Styrene	118	18.501	18.495	(1.130)	5765376	40.0000	47(A)
83 tert-butylbenzene	119	18.623	18.618	(1.138)	10803359	40.0000	44(A)
84 1,2,4-Trimethylbenzene	105	18.698	18.693	(1.143)	11201586	40.0000	44(A)
85 sec-Butylbenzene	105	18.906	18.901	(1.155)	16073959	40.0000	45(A)
86 4-Isopropyltoluene	119	19.072	19.066	(1.165)	13955776	40.0000	46(A)
87 1,3-Dichlorobenzene	146	19.162	19.157	(1.171)	7742578	40.0000	44(A)
88 1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	7679147	40.0000	44(A)
89 Benzyl chloride	91	19.451	19.445	(1.188)	9514593	40.0000	48(A)
90 Undecane	57	19.579	19.573	(1.196)	6052076	40.0000	43(A)
91 n-Butylbenzene	91	19.637	19.632	(1.200)	11710968	40.0000	45(A)
92 1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	7017090	40.0000	43(A)
93 Dodecane	57	21.239	21.239	(1.298)	2319042	40.0000	31
94 1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	3470298	40.0000	39
95 1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	3558973	40.0000	41(A)
96 Naphthalene	128	23.106	23.107	(1.412)	7625329	40.0000	39
97 1,2,3-Trichlorobenzene	180	23.651	23.651	(1.445)	2528944	40.0000	34

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: ckn009.d
Client ID: ic 275630
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 275630
Lab Sample ID: ic 275630

Date: 12-JAN-2012 22:26
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32

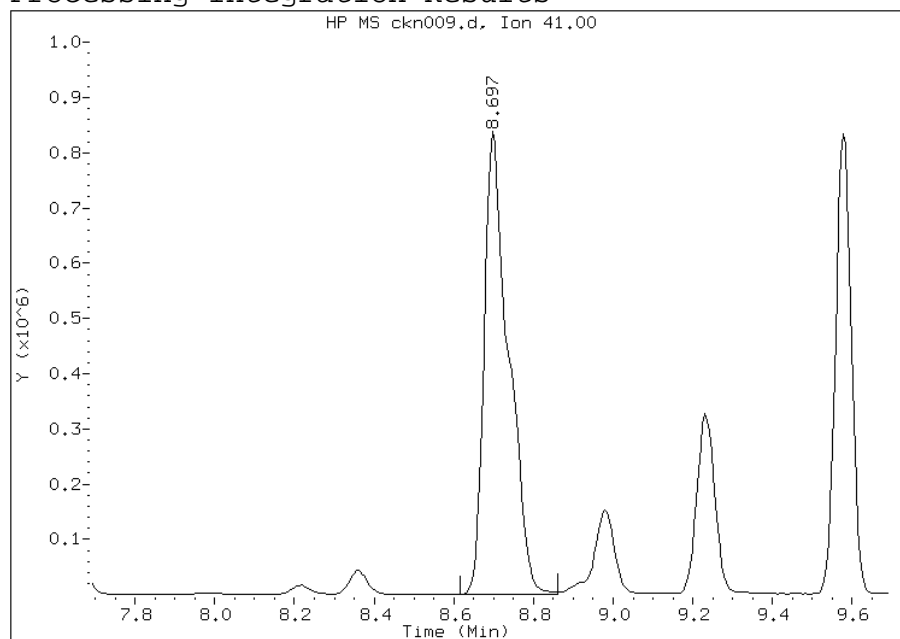


Manual Integration Report

Data File: ckn009.d
Lab Sample ID: ic 275630
Inj. Date and Time: 12-JAN-2012 22:26
Instrument ID: C.i
Client ID: ic 275630
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

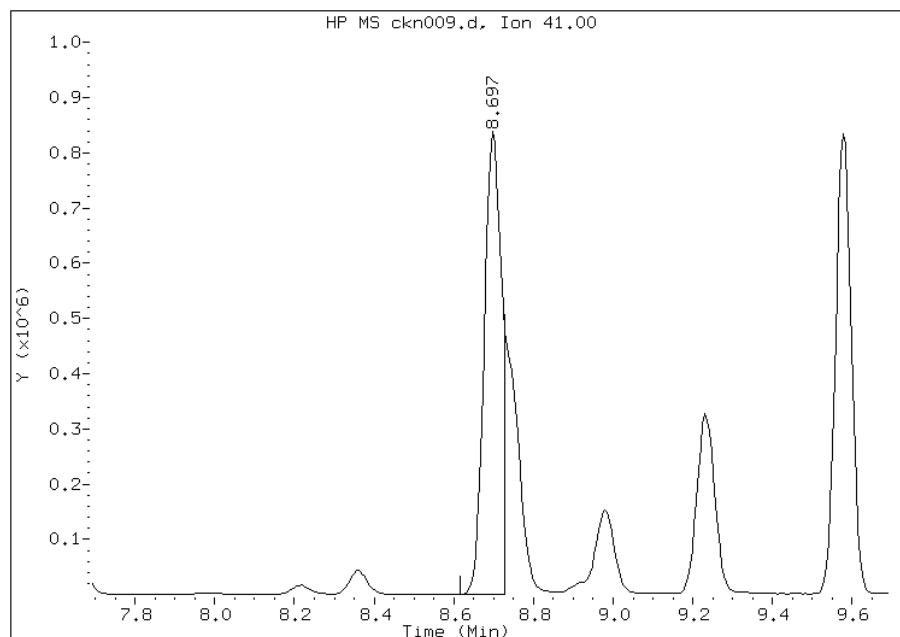
Processing Integration Results

RT: 8.70
Response: 3553783
Amount: 41.32
Conc: 41.32



Manual Integration Results

RT: 8.70
Response: 2544349
Amount: 37.09
Conc: 37.09



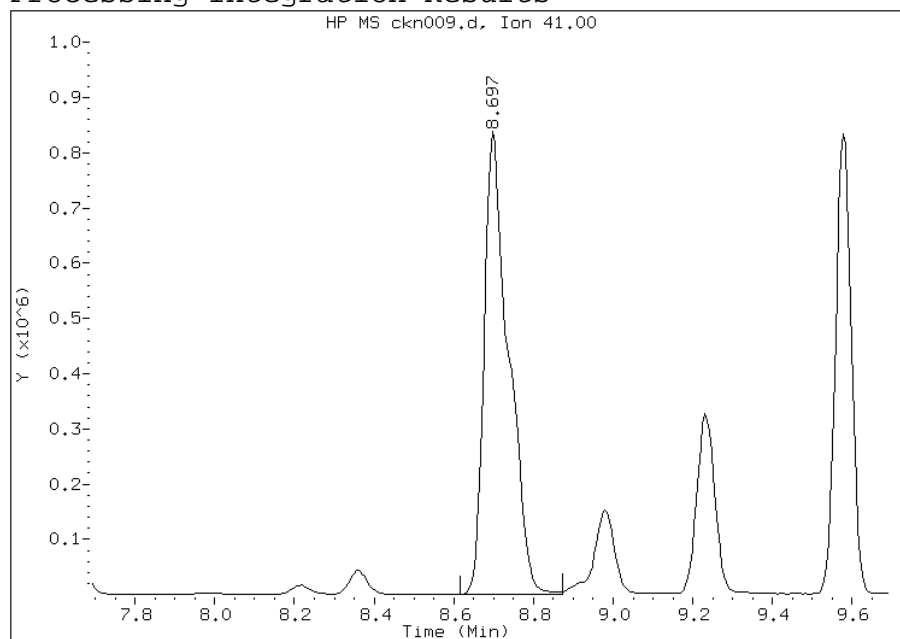
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn009.d
Lab Sample ID: ic 275630
Inj. Date and Time: 12-JAN-2012 22:26
Instrument ID: C.i
Client ID: ic 275630
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

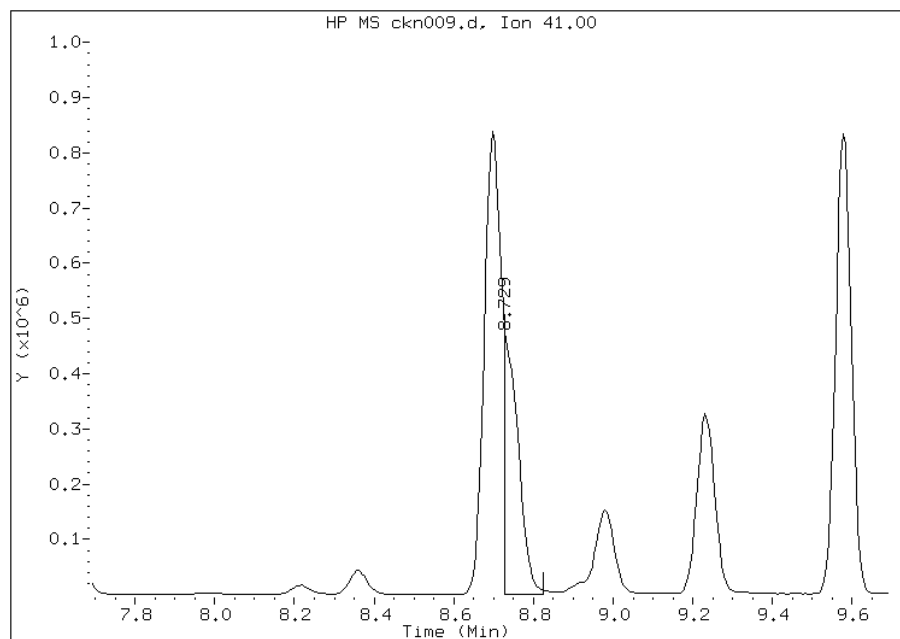
Processing Integration Results

RT: 8.70
Response: 3556919
Amount: 86.46
Conc: 86.46



Manual Integration Results

RT: 8.73
Response: 1145797
Amount: 39.40
Conc: 39.40



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56
 Instrument ID: C.i Calib Start Date: 01/12/2012 17:27
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/12/2012 22:26
 Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8452	0.8203		9.70	10.0	-3.0	30.0
Dichlorodifluoromethane	Ave	3.226	3.191		9.89	10.0	-1.1	30.0
Freon 22	Ave	1.731	1.720		9.93	10.0	-0.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.422	3.492		10.2	10.0	2.0	30.0
Chloromethane	Ave	0.9778	0.9733		9.95	10.0	-0.5	30.0
n-Butane	Ave	1.947	1.888		9.69	10.0	-3.0	30.0
Vinyl chloride	Ave	1.190	1.208		10.2	10.0	1.6	30.0
1,3-Butadiene	Ave	0.9269	0.9785		10.6	10.0	5.6	30.0
Bromomethane	Ave	1.076	1.072		9.96	10.0	-0.4	30.0
Chloroethane	Ave	0.6498	0.6589		10.1	10.0	1.4	30.0
Isopentane	Ave	1.529	1.486		9.72	10.0	-2.8	30.0
Bromoethene (Vinyl Bromide)	Ave	1.078	1.130		10.5	10.0	4.8	30.0
Trichlorofluoromethane	Ave	3.268	3.309		10.1	10.0	1.3	30.0
n-Pentane	Ave	2.209	2.191		9.92	10.0	-0.8	30.0
Ethanol	Ave	0.3924	0.3889		14.9	15.0	-0.9	30.0
Ethyl ether	Ave	0.8319	0.6967		8.37	10.0	-16.3	30.0
Acrolein	Ave	0.3902	0.2982		7.64	10.0	-23.6	30.0
Freon TF	Ave	2.278	2.528		11.1	10.0	11.0	30.0
1,1-Dichloroethene	Ave	1.076	1.258		11.7	10.0	17.0	30.0
Acetone	Ave	1.631	1.435		8.79	10.0	-12.0	30.0
Isopropyl alcohol	Ave	1.119	1.179		10.5	10.0	5.4	30.0
Carbon disulfide	Ave	3.237	3.402		10.5	10.0	5.1	30.0
3-Chloropropene	Ave	1.597	1.751		11.0	10.0	9.7	30.0
Acetonitrile	Ave	0.6769	0.5755		8.50	10.0	-15.0	30.0
Methylene Chloride	Ave	1.226	1.311		10.7	10.0	7.0	30.0
tert-Butyl alcohol	Ave	1.663	1.812		10.9	10.0	9.0	30.0
Methyl tert-butyl ether	Ave	3.420	3.050		8.91	10.0	-10.8	30.0
trans-1,2-Dichloroethene	Ave	1.726	1.780		10.3	10.0	3.1	30.0
Acrylonitrile	Ave	0.7730	0.6989		9.04	10.0	-9.6	30.0
n-Hexane	Ave	1.990	2.060		10.4	10.0	3.5	30.0
Vinyl acetate	Ave	2.832	2.427		8.57	10.0	-14.3	30.0
1,1-Dichloroethane	Ave	2.172	2.223		10.2	10.0	2.4	30.0
Ethyl acetate	Ave	0.1111	0.0929		8.37	10.0	-16.3	30.0
Methyl Ethyl Ketone	Ave	0.5977	0.5131		8.58	10.0	-14.2	30.0
cis-1,2-Dichloroethene	Ave	1.277	1.331		10.4	10.0	4.2	30.0
Tetrahydrofuran	Ave	0.2217	0.1944		8.76	10.0	-12.3	30.0
Chloroform	Ave	2.620	2.669		10.2	10.0	1.9	30.0
1,1,1-Trichloroethane	Ave	0.5117	0.5138		10.0	10.0	0.4	30.0
Cyclohexane	Ave	0.3285	0.3369		10.3	10.0	2.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56
 Instrument ID: C.i Calib Start Date: 01/12/2012 17:27
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/12/2012 22:26
 Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5212	0.5240		10.1	10.0	0.5	30.0
2,2,4-Trimethylpentane	Ave	1.118	1.144		10.2	10.0	2.3	30.0
Benzene	Ave	0.7127	0.7051		9.89	10.0	-1.1	30.0
1,2-Dichloroethane	Ave	0.3068	0.3093		10.1	10.0	0.8	30.0
n-Heptane	Ave	0.4147	0.4208		10.1	10.0	1.5	30.0
n-Butanol	Ave	0.0848	0.0895		10.5	10.0	5.4	30.0
Trichloroethene	Ave	0.3193	0.3297		10.3	10.0	3.3	30.0
1,2-Dichloropropane	Ave	0.2438	0.2358		9.67	10.0	-3.3	30.0
Methyl methacrylate	Ave	0.2263	0.1926		8.51	10.0	-14.9	30.0
1,4-Dioxane	Ave	0.0840	0.0778		9.26	10.0	-7.4	30.0
Dibromomethane	Ave	0.2489	0.2486		9.99	10.0	-0.1	30.0
Bromodichloromethane	Ave	0.5035	0.5262		10.4	10.0	4.5	30.0
cis-1,3-Dichloropropene	Ave	0.3767	0.3637		9.65	10.0	-3.4	30.0
methyl isobutyl ketone	Ave	0.4284	0.3804		8.88	10.0	-11.2	30.0
n-Octane	Ave	0.5655	0.5519		9.76	10.0	-2.4	30.0
Toluene	Ave	0.5552	0.5836		10.5	10.0	5.1	30.0
trans-1,3-Dichloropropene	Ave	0.3896	0.3602		9.24	10.0	-7.5	30.0
1,1,2-Trichloroethane	Ave	0.2505	0.2543		10.2	10.0	1.5	30.0
Tetrachloroethene	Ave	0.4535	0.4925		10.9	10.0	8.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4423	0.4542		10.3	10.0	2.7	30.0
Dibromochloromethane	Ave	0.5245	0.5961		11.4	10.0	13.7	30.0
1,2-Dibromoethane	Ave	0.4671	0.4956		10.6	10.0	6.1	30.0
Chlorobenzene	Ave	0.7371	0.7604		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.229	1.224		9.96	10.0	-0.4	30.0
n-Nonane	Ave	0.5480	0.5735		10.5	10.0	4.6	30.0
m,p-Xylene	Ave	0.4831	0.4733		19.6	20.0	-2.0	30.0
Xylene, o-	Ave	0.4608	0.4470		9.70	10.0	-3.0	30.0
Styrene	Ave	0.7170	0.7188		10.0	10.0	0.2	30.0
Bromoform	Ave	0.5108	0.5524		10.8	10.0	8.1	30.0
Cumene	Ave	1.336	1.320		9.88	10.0	-1.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6587	0.6265		9.51	10.0	-4.9	30.0
n-Propylbenzene	Ave	1.621	1.609		9.93	10.0	-0.7	30.0
1,2,3-Trichloropropane	Ave	0.5305	0.5189		9.78	10.0	-2.2	30.0
n-Decane	Ave	0.6486	0.6483		9.99	10.0	-0.0	30.0
4-Ethyltoluene	Ave	1.377	1.399		10.2	10.0	1.6	30.0
2-Chlorotoluene	Ave	1.205	1.242		10.3	10.0	3.1	30.0
1,3,5-Trimethylbenzene	Ave	1.183	1.157		9.77	10.0	-2.2	30.0
Alpha Methyl Styrene	Ave	0.5529	0.5673		10.3	10.0	2.6	30.0
tert-Butylbenzene	Ave	1.090	1.079		9.89	10.0	-1.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56
 Instrument ID: C.i Calib Start Date: 01/12/2012 17:27
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/12/2012 22:26
 Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.138	1.094		9.61	10.0	-3.9	30.0
sec-Butylbenzene	Ave	1.604	1.603		9.99	10.0	-0.0	30.0
4-Isopropyltoluene	Ave	1.362	1.345		9.87	10.0	-1.3	30.0
1,3-Dichlorobenzene	Ave	0.7773	0.7523		9.68	10.0	-3.2	30.0
1,4-Dichlorobenzene	Ave	0.7728	0.7497		9.70	10.0	-3.0	30.0
Benzyl chloride	Ave	0.8770	0.9358		10.7	10.0	6.7	30.0
n-Undecane	Ave	0.6294	0.5900		9.37	10.0	-6.3	30.0
n-Butylbenzene	Ave	1.173	1.193		10.2	10.0	1.7	30.0
1,2-Dichlorobenzene	Ave	0.7352	0.6916		9.41	10.0	-5.9	30.0
n-Dodecane	Ave	0.3305	0.4108		12.4	10.0	24.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3929	0.3424		8.71	10.0	-12.8	30.0
Hexachlorobutadiene	Ave	0.3860	0.3357		8.70	10.0	-13.0	30.0
Naphthalene	Ave	0.8764	0.7793		8.89	10.0	-11.1	30.0
1,2,3-Trichlorobenzene	Ave	0.3333	0.2955		8.87	10.0	-11.3	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn012.d
 Lab Smp Id: icv 264634 Client Smp ID: icv 264634
 Inj Date : 13-JAN-2012 00:56
 Operator : pad Inst ID: C.i
 Smp Info : icv 264634
 Misc Info : 200,1,icv
 Comment :
 Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
 Meth Date : 13-Jan-2012 08:28 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.d
 Als bottle: 9 QC Sample: LCS
 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	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41		4.972	4.977	(0.447)	311879	9.70274	9.7	
2 Dichlorodifluoromethane	85		5.052	5.057	(0.454)	1213366	9.88976	9.9	
3 Chlorodifluoromethane	51		5.100	5.100	(0.459)	653792	9.93078	9.9	
4 1,2-Dichloro-1,1,2,2-tetraflu	85		5.345	5.351	(0.481)	1327661	10.2022	10	
5 Chloromethane	50		5.511	5.516	(0.496)	370083	9.95266	10	
6 Butane	43		5.724	5.730	(0.515)	718026	9.69489	9.7	
7 Vinyl chloride	62		5.767	5.767	(0.519)	459482	10.1537	10	
8 1,3-Butadiene	54		5.842	5.847	(0.525)	372029	10.5546	11	
9 Bromomethane	94		6.509	6.509	(0.585)	407690	9.96020	10	
10 Chloroethane	64		6.711	6.712	(0.604)	250533	10.1377	10	
11 2-Methylbutane	43		6.776	6.781	(0.609)	564822	9.71609	9.7	
12 Vinyl bromide	106		7.064	7.064	(0.635)	429774	10.4809	10	
13 Trichlorofluoromethane	101		7.144	7.149	(0.642)	1258326	10.1252	10	
14 Pentane	43		7.256	7.256	(0.653)	833106	9.91852	9.9	

Compounds	QUANT SIG		CONCENTRATIONS				
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15 Ethanol	45	7.485	7.485	(0.673)	221875	14.8692	15
16 Ethyl ether	59	7.661	7.656	(0.689)	264909	8.37299	8.4
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.014	8.014	(0.721)	961376	11.0969	11
18 Acrolein	56	7.976	7.976	(0.717)	113363	7.64030	7.6
19 1,1-Dichloroethene	96	8.088	8.088	(0.727)	478412	11.6968	12
20 Acetone	43	8.211	8.211	(0.738)	545458	8.79478	8.8
21 Carbon disulfide	76	8.494	8.494	(0.764)	1293350	10.5053	11
22 Isopropanol	45	8.350	8.350	(0.751)	448372	10.5346	11
23 Allyl chloride	41	8.691	8.692	(0.782)	665944	10.9681	11(M)
24 Acetonitrile	41	8.729	8.692	(0.785)	218799	8.49986	8.5(QM)
25 Methylene chloride	49	8.910	8.910	(0.801)	498540	10.6950	11
26 Tert-butyl alcohol	59	8.969	8.969	(0.807)	689048	10.8945	11
27 Methyl tert-butyl ether	73	9.230	9.231	(0.830)	1159600	8.91491	8.9
28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	676903	10.3129	10
29 Acrylonitrile	53	9.337	9.337	(0.840)	265719	9.03902	9.0
30 n-Hexane	57	9.572	9.572	(0.861)	783349	10.3501	10
31 1,1-Dichloroethane	63	9.951	9.951	(0.895)	845334	10.2358	10
32 Vinyl acetate	43	9.935	9.935	(0.893)	922659	8.56705	8.6
M 33 1,2-Dichloroethene,Total	61				1183079	20.7323	21
34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.969)	506176	10.4194	10
35 Ethyl acetate	88	10.762	10.762	(0.968)	35334	8.36568	8.4
36 Methyl Ethyl Ketone	72	10.762	10.762	(0.968)	195079	8.58289	8.6(Q)
* 37 Bromochloromethane	128	11.120	11.125	(1.000)	380296	10.0000	
38 Tetrahydrofuran	42	11.157	11.152	(0.897)	424359	8.76425	8.8
39 Chloroform	83	11.173	11.173	(1.005)	1014690	10.1857	10
40 Cyclohexane	84	11.472	11.477	(0.922)	735627	10.2531	10
41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	1121849	10.0397	10
42 Carbon tetrachloride	117	11.648	11.648	(0.936)	1144007	10.0511	10
43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.957)	2498488	10.2313	10
44 Benzene	78	11.958	11.958	(0.961)	1539519	9.89178	9.9
45 1,2-Dichloroethane	62	12.032	12.032	(0.967)	675374	10.0800	10
46 n-Heptane	43	12.128	12.129	(0.975)	918735	10.1457	10
* 47 1,4-Difluorobenzene	114	12.443	12.443	(1.000)	2183812	10.0000	
48 n-Butanol	56	12.582	12.582	(1.011)	195346	10.5427	11
49 Trichloroethene	95	12.812	12.812	(1.030)	719945	10.3261	10
50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	514757	9.66903	9.7(Q)
51 Methyl methacrylate	69	13.190	13.191	(1.060)	420532	8.50803	8.5
52 Dibromomethane	174	13.356	13.356	(1.073)	542847	9.98521	10
53 1,4-Dioxane	88	13.303	13.303	(1.069)	169821	9.25958	9.3
54 Bromodichloromethane	83	13.505	13.505	(1.085)	1148884	10.4493	10
55 1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	794168	9.65366	9.7
56 Methyl isobutyl ketone	43	14.269	14.269	(1.147)	830613	8.87924	8.9
57 n-Octane	43	14.514	14.514	(1.166)	1205093	9.75873	9.8
58 Toluene	92	14.557	14.557	(0.889)	1055638	10.5088	11
59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.195)	786387	9.24372	9.2
60 1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	460000	10.1503	10
61 Tetrachloroethene	166	15.272	15.272	(0.933)	890836	10.8580	11

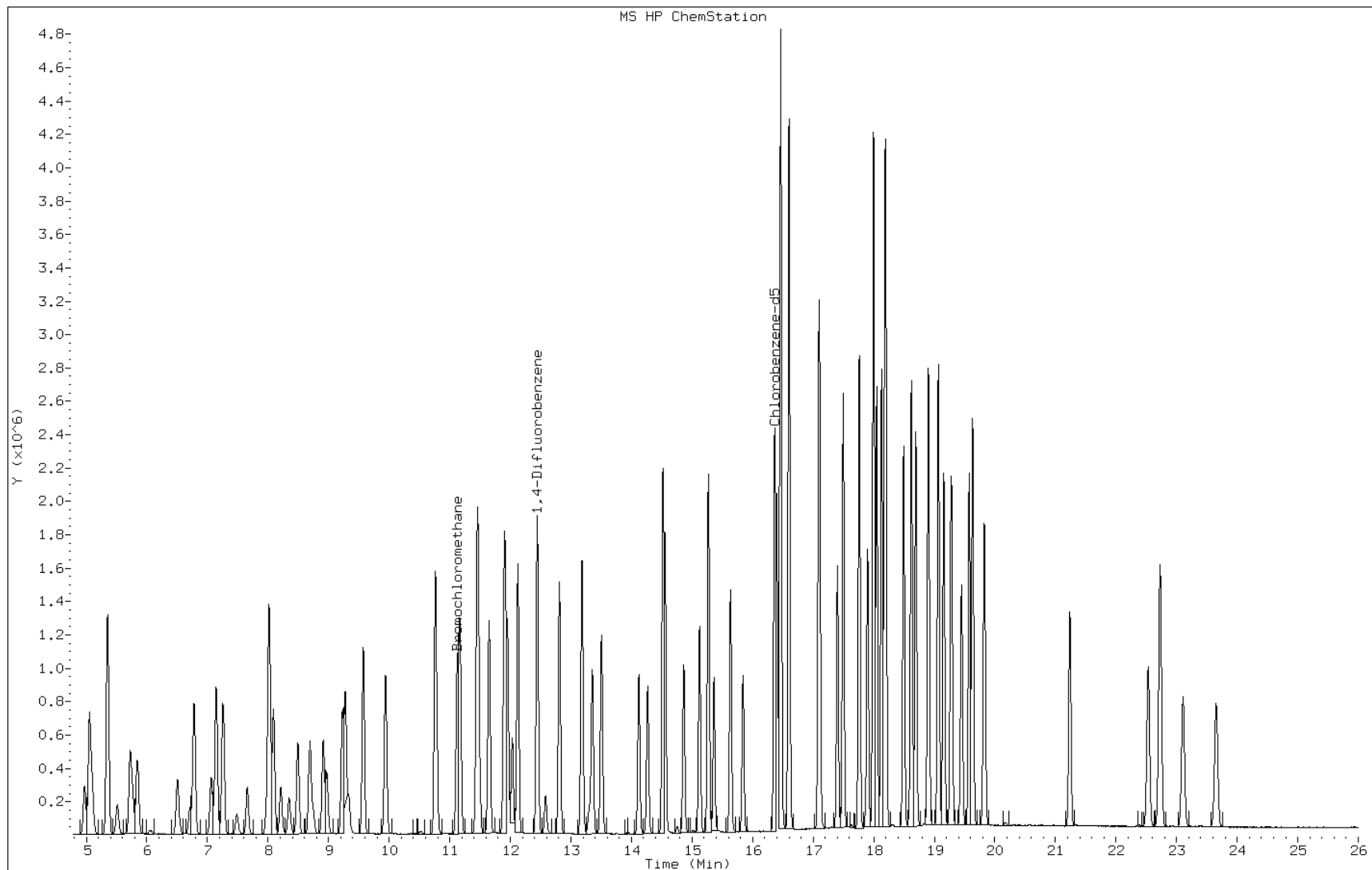
Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====		==	=====	=====	=====	=====	=====
62 2-Hexanone	43		15.363	15.363	(0.939)	821564	10.2671	10
63 Dibromochloromethane	129		15.635	15.635	(0.955)	1078349	11.3633	11
64 1,2-Dibromoethane	107		15.838	15.838	(0.968)	896453	10.6079	11
* 65 Chlorobenzene-d5	117		16.366	16.366	(1.000)	1809282	10.0000	
66 Chlorobenzene	112		16.403	16.403	(1.002)	1375518	10.3135	10
67 n-Nonane	57		16.462	16.462	(1.006)	1037384	10.4628	10
68 Ethylbenzene	91		16.462	16.462	(1.006)	2214804	9.95989	10
69 Xylene (m,p)	106		16.601	16.601	(1.014)	1712216	19.5885	20
M 70 Xylenes, Total	106					2520751	29.2855	29
71 Xylene (o)	106		17.092	17.092	(1.044)	808535	9.69696	9.7
72 Styrene	104		17.113	17.113	(1.046)	1300224	10.0229	10
73 Bromoform	173		17.401	17.401	(1.063)	999162	10.8115	11
74 Isopropylbenzene	105		17.497	17.497	(1.069)	2388622	9.87905	9.9
75 1,1,2,2-Tetrachloroethane	83		17.898	17.898	(1.094)	1133305	9.50929	9.5
76 n-Propylbenzene	91		17.994	17.994	(1.099)	2911431	9.92707	9.9
77 1,2,3-Trichloropropane	75		17.999	17.994	(1.100)	938558	9.77877	9.8
78 n-Decane	57		18.047	18.047	(1.103)	1172657	9.99332	10
79 4-Ethyltoluene	105		18.127	18.127	(1.108)	2530647	10.1581	10
80 2-Chlorotoluene	91		18.180	18.181	(1.111)	2245899	10.3038	10
81 1,3,5-Trimethylbenzene	105		18.196	18.197	(1.112)	2092379	9.77478	9.8
82 Alpha Methyl Styrene	118		18.495	18.495	(1.130)	1026273	10.2588	10
83 tert-butylbenzene	119		18.618	18.618	(1.138)	1951350	9.89031	9.9
84 1,2,4-Trimethylbenzene	105		18.693	18.693	(1.142)	1979462	9.61223	9.6
85 sec-Butylbenzene	105		18.901	18.901	(1.155)	2899625	9.98966	10
86 4-Isopropyltoluene	119		19.066	19.066	(1.165)	2432937	9.87250	9.9
87 1,3-Dichlorobenzene	146		19.157	19.157	(1.171)	1360888	9.67635	9.7
88 1,4-Dichlorobenzene	146		19.280	19.280	(1.178)	1356208	9.70002	9.7
89 Benzyl chloride	91		19.445	19.445	(1.188)	1692789	10.6685	11
90 Undecane	57		19.573	19.573	(1.196)	1067304	9.37213	9.4
91 n-Butylbenzene	91		19.632	19.632	(1.200)	2157910	10.1684	10
92 1,2-Dichlorobenzene	146		19.830	19.830	(1.212)	1251081	9.40544	9.4
93 Dodecane	57		21.239	21.239	(1.298)	743115	12.4287	12
94 1,2,4-Trichlorobenzene	180		22.530	22.535	(1.377)	619407	8.71407	8.7
95 1,3-Hexachlorobutadiene	225		22.728	22.733	(1.389)	607232	8.69558	8.7
96 Naphthalene	128		23.106	23.107	(1.412)	1409711	8.89023	8.9
97 1,2,3-Trichlorobenzene	180		23.651	23.651	(1.445)	534612	8.86577	8.9

QC Flag Legend

Q - Qualifier signal failed the ratio test.
 M - Compound response manually integrated.

Data File: ckn012.d
Client ID: icv 264634
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 264634
Lab Sample ID: icv 264634

Date: 13-JAN-2012 00:56
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32

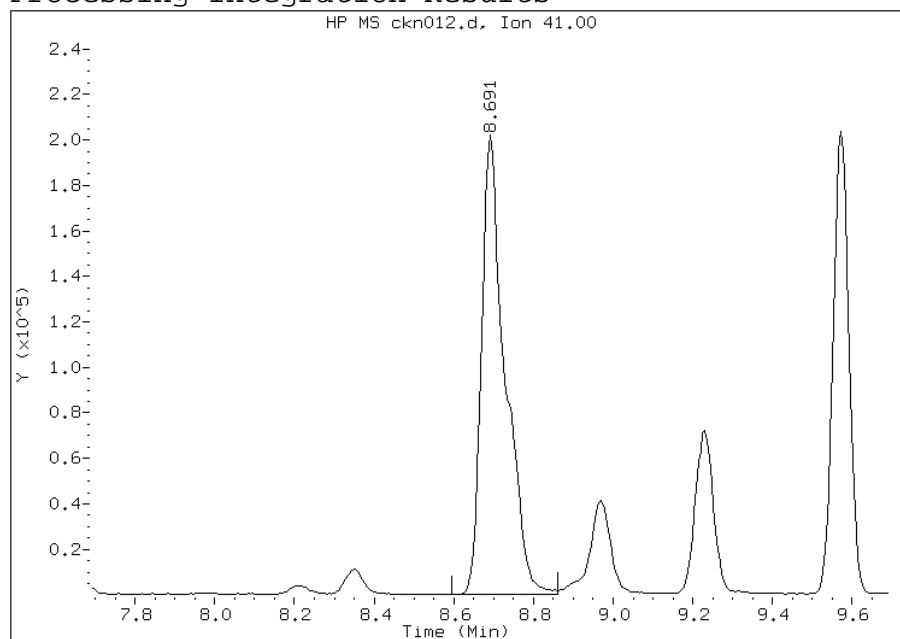


Manual Integration Report

Data File: ckn012.d
Lab Sample ID: icv 264634
Inj. Date and Time: 13-JAN-2012 00:56
Instrument ID: C.i
Client ID: icv 264634
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

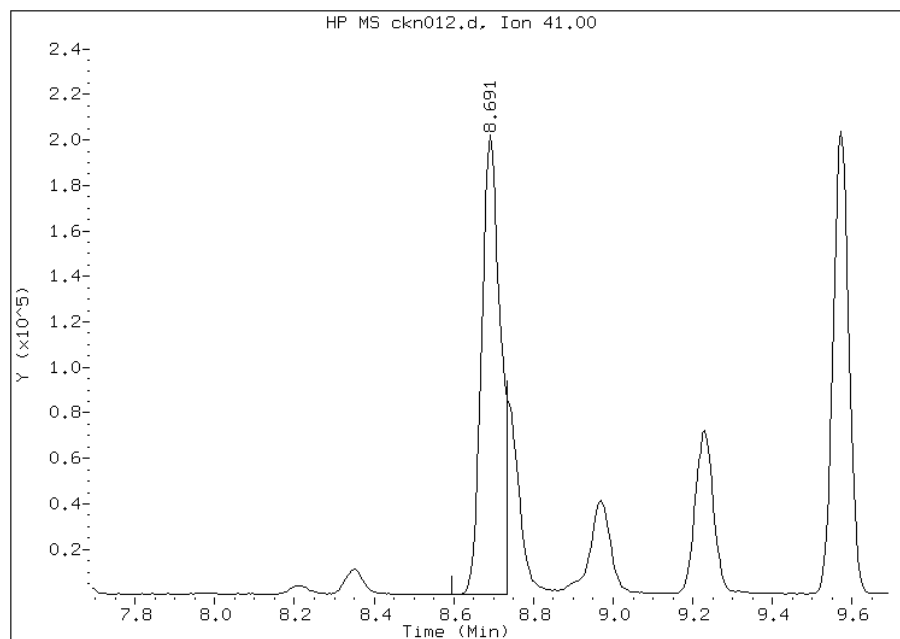
Processing Integration Results

RT: 8.69
Response: 830030
Amount: 10.90
Conc: 10.90



Manual Integration Results

RT: 8.69
Response: 665944
Amount: 10.97
Conc: 10.97



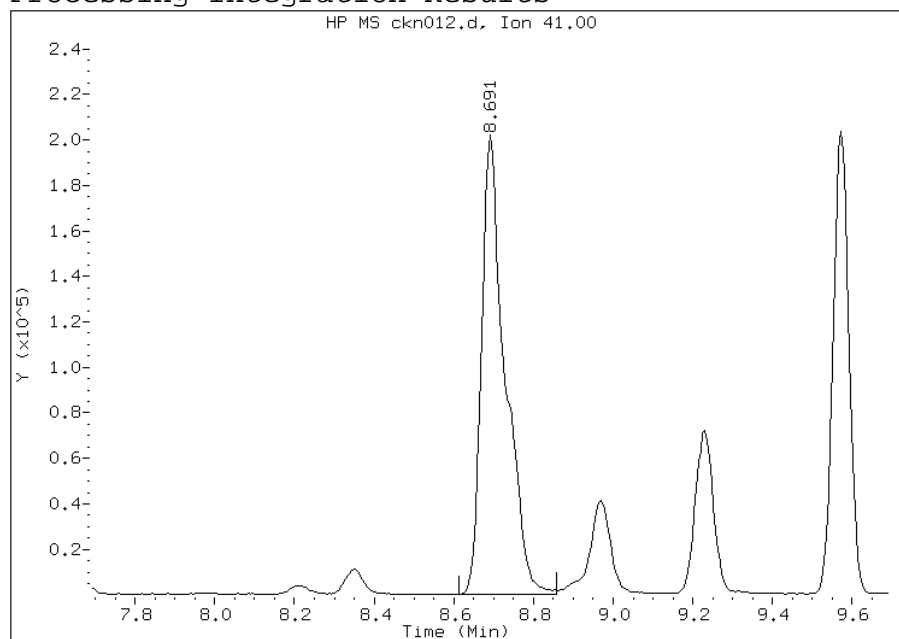
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Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn012.d
Lab Sample ID: icv 264634
Inj. Date and Time: 13-JAN-2012 00:56
Instrument ID: C.i
Client ID: icv 264634
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

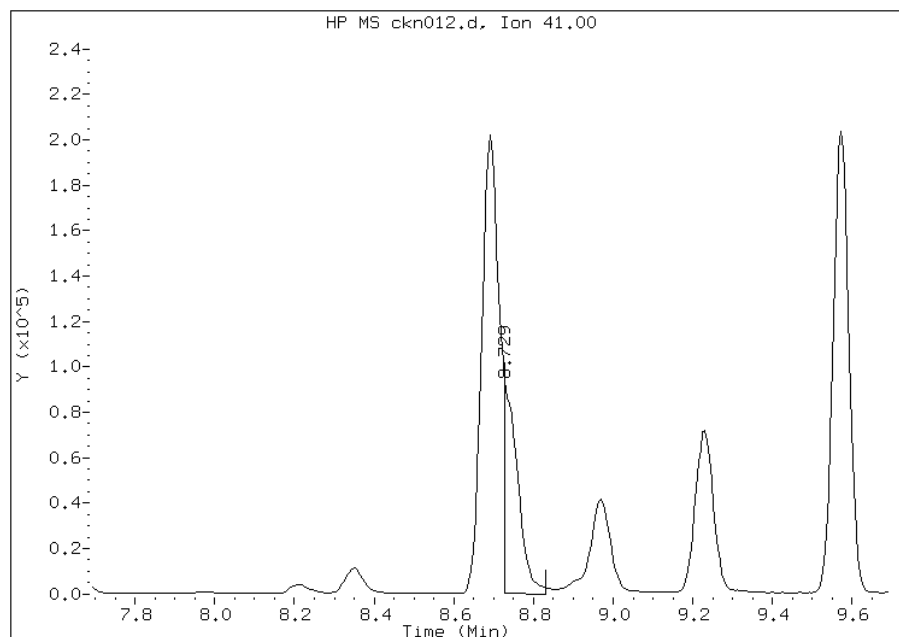
Processing Integration Results

RT: 8.69
Response: 827762
Amount: 32.16
Conc: 32.16



Manual Integration Results

RT: 8.73
Response: 218799
Amount: 8.50
Conc: 8.50



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-32534/2 Calibration Date: 01/19/2012 10:52
 Instrument ID: C.i Calib Start Date: 01/12/2012 17:27
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/12/2012 22:26
 Lab File ID: ckne002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ccvis 275681

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8452	0.8291		9.81	10.0	-1.9	30.0
Dichlorodifluoromethane	Ave	3.226	3.208		9.94	10.0	-0.6	30.0
Freon 22	Ave	1.731	1.597		9.23	10.0	-7.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.422	3.459		10.1	10.0	1.1	30.0
Chloromethane	Ave	0.9778	0.9204		9.41	10.0	-5.9	30.0
n-Butane	Ave	1.947	1.826		9.37	10.0	-6.2	30.0
Vinyl chloride	Ave	1.190	1.169		9.82	10.0	-1.8	30.0
1,3-Butadiene	Ave	0.9269	0.9115		9.83	10.0	-1.7	30.0
Bromomethane	Ave	1.076	1.081		10.0	10.0	0.4	30.0
Chloroethane	Ave	0.6498	0.6361		9.79	10.0	-2.1	30.0
Isopentane	Ave	1.529	1.385		9.06	10.0	-9.4	30.0
Bromoethene (Vinyl Bromide)	Ave	1.078	1.088		10.1	10.0	0.9	30.0
Trichlorofluoromethane	Ave	3.268	3.268		10.0	10.0	0.0	30.0
n-Pentane	Ave	2.209	2.056		9.31	10.0	-6.9	30.0
Ethanol	Ave	0.3924	0.3639		13.9	15.0	-7.2	30.0
Ethyl ether	Ave	0.8319	0.7996		9.61	10.0	-3.9	30.0
Acrolein	Ave	0.3902	0.3891		9.97	10.0	-0.3	30.0
Freon TF	Ave	2.278	2.303		10.1	10.0	1.1	30.0
1,1-Dichloroethene	Ave	1.076	1.094		10.2	10.0	1.7	30.0
Acetone	Ave	1.631	1.524		9.35	10.0	-6.5	30.0
Isopropyl alcohol	Ave	1.119	1.097		9.80	10.0	-2.0	30.0
Carbon disulfide	Ave	3.237	3.093		9.55	10.0	-4.5	30.0
3-Chloropropene	Ave	1.597	1.487		9.31	10.0	-6.8	30.0
Acetonitrile	Ave	0.6769	0.6402		9.46	10.0	-5.4	30.0
Methylene Chloride	Ave	1.226	1.138		9.28	10.0	-7.2	30.0
tert-Butyl alcohol	Ave	1.663	1.539		9.25	10.0	-7.5	30.0
Methyl tert-butyl ether	Ave	3.420	3.325		9.72	10.0	-2.8	30.0
trans-1,2-Dichloroethene	Ave	1.726	1.678		9.72	10.0	-2.8	30.0
Acrylonitrile	Ave	0.7730	0.7258		9.39	10.0	-6.1	30.0
n-Hexane	Ave	1.990	1.924		9.66	10.0	-3.3	30.0
Vinyl acetate	Ave	2.832	2.673		9.44	10.0	-5.6	30.0
1,1-Dichloroethane	Ave	2.172	2.109		9.71	10.0	-2.9	30.0
Ethyl acetate	Ave	0.1111	0.1103		9.93	10.0	-0.7	30.0
Methyl Ethyl Ketone	Ave	0.5977	0.5614		9.39	10.0	-6.1	30.0
cis-1,2-Dichloroethene	Ave	1.277	1.285		10.1	10.0	0.6	30.0
Tetrahydrofuran	Ave	0.2217	0.2056		9.27	10.0	-7.3	30.0
Chloroform	Ave	2.620	2.605		9.94	10.0	-0.6	30.0
1,1,1-Trichloroethane	Ave	0.5117	0.5125		10.0	10.0	0.2	30.0
Cyclohexane	Ave	0.3285	0.3267		9.94	10.0	-0.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-32534/2 Calibration Date: 01/19/2012 10:52
 Instrument ID: C.i Calib Start Date: 01/12/2012 17:27
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/12/2012 22:26
 Lab File ID: ckne002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ccvis 275681

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5212	0.5328		10.2	10.0	2.2	30.0
2,2,4-Trimethylpentane	Ave	1.118	1.064		9.52	10.0	-4.8	30.0
Benzene	Ave	0.7127	0.6853		9.61	10.0	-3.8	30.0
1,2-Dichloroethane	Ave	0.3068	0.2960		9.65	10.0	-3.5	30.0
n-Heptane	Ave	0.4147	0.3863		9.32	10.0	-6.8	30.0
n-Butanol	Ave	0.0848	0.0789		9.30	10.0	-7.0	30.0
Trichloroethene	Ave	0.3193	0.3176		9.95	10.0	-0.5	30.0
1,2-Dichloropropane	Ave	0.2438	0.2348		9.63	10.0	-3.7	30.0
Methyl methacrylate	Ave	0.2263	0.2219		9.80	10.0	-2.0	30.0
1,4-Dioxane	Ave	0.0840	0.0911		10.8	10.0	8.5	30.0
Dibromomethane	Ave	0.2489	0.2537		10.2	10.0	1.9	30.0
Bromodichloromethane	Ave	0.5035	0.5103		10.1	10.0	1.3	30.0
cis-1,3-Dichloropropene	Ave	0.3767	0.3706		9.84	10.0	-1.6	30.0
methyl isobutyl ketone	Ave	0.4284	0.4065		9.49	10.0	-5.1	30.0
n-Octane	Ave	0.5655	0.5327		9.42	10.0	-5.8	30.0
Toluene	Ave	0.5552	0.5483		9.87	10.0	-1.2	30.0
trans-1,3-Dichloropropene	Ave	0.3896	0.3764		9.66	10.0	-3.4	30.0
1,1,2-Trichloroethane	Ave	0.2505	0.2458		9.81	10.0	-1.9	30.0
Tetrachloroethene	Ave	0.4535	0.4597		10.1	10.0	1.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4423	0.4210		9.52	10.0	-4.8	30.0
Dibromochloromethane	Ave	0.5245	0.5446		10.4	10.0	3.8	30.0
1,2-Dibromoethane	Ave	0.4671	0.4722		10.1	10.0	1.1	30.0
Chlorobenzene	Ave	0.7371	0.7358		9.98	10.0	-0.2	30.0
Ethylbenzene	Ave	1.229	1.244		10.1	10.0	1.2	30.0
n-Nonane	Ave	0.5480	0.5441		9.93	10.0	-0.7	30.0
m,p-Xylene	Ave	0.4831	0.4933		20.4	20.0	2.1	30.0
Xylene, o-	Ave	0.4608	0.4721		10.2	10.0	2.4	30.0
Styrene	Ave	0.7170	0.7483		10.4	10.0	4.4	30.0
Bromoform	Ave	0.5108	0.5291		10.4	10.0	3.6	30.0
Cumene	Ave	1.336	1.377		10.3	10.0	3.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6587	0.6603		10.0	10.0	0.2	30.0
1,2,3-Trichloropropane	Ave	0.5305	0.5290		9.97	10.0	-0.3	30.0
n-Propylbenzene	Ave	1.621	1.691		10.4	10.0	4.3	30.0
n-Decane	Ave	0.6486	0.6599		10.2	10.0	1.7	30.0
4-Ethyltoluene	Ave	1.377	1.454		10.6	10.0	5.6	30.0
2-Chlorotoluene	Ave	1.205	1.244		10.3	10.0	3.2	30.0
1,3,5-Trimethylbenzene	Ave	1.183	1.247		10.5	10.0	5.4	30.0
Alpha Methyl Styrene	Ave	0.5529	0.6045		10.9	10.0	9.3	30.0
tert-Butylbenzene	Ave	1.090	1.142		10.5	10.0	4.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-32534/2 Calibration Date: 01/19/2012 10:52
 Instrument ID: C.i Calib Start Date: 01/12/2012 17:27
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/12/2012 22:26
 Lab File ID: ckne002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ccvis 275681

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.138	1.210		10.6	10.0	6.3	30.0
sec-Butylbenzene	Ave	1.604	1.704		10.6	10.0	6.2	30.0
4-Isopropyltoluene	Ave	1.362	1.455		10.7	10.0	6.8	30.0
1,3-Dichlorobenzene	Ave	0.7773	0.8022		10.3	10.0	3.2	30.0
1,4-Dichlorobenzene	Ave	0.7728	0.7948		10.3	10.0	2.9	30.0
Benzyl chloride	Ave	0.8770	1.030		11.7	10.0	17.5	30.0
n-Undecane	Ave	0.6294	0.6121		9.72	10.0	-2.8	30.0
n-Butylbenzene	Ave	1.173	1.276		10.9	10.0	8.8	30.0
1,2-Dichlorobenzene	Ave	0.7352	0.7617		10.4	10.0	3.6	30.0
n-Dodecane	Ave	0.3305	0.3010		9.11	10.0	-8.9	30.0
1,2,4-Trichlorobenzene	Ave	0.3929	0.4219		10.7	10.0	7.4	30.0
Hexachlorobutadiene	Ave	0.3860	0.3747		9.70	10.0	-2.9	30.0
Naphthalene	Ave	0.8764	0.9655		11.0	10.0	10.2	30.0
1,2,3-Trichlorobenzene	Ave	0.3333	0.3422		10.3	10.0	2.7	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ckneto15.b/ckne002.d
 Lab Smp Id: ccvis 275681 Client Smp ID: ccvis 275681
 Inj Date : 19-JAN-2012 10:52
 Operator : pad Inst ID: C.i
 Smp Info : ccvis 275681
 Misc Info : 200,1, ccvis
 Comment :
 Method : /chem/C.i/Csvr.p/ckneto15.b/to15v5.m
 Meth Date : 20-Jan-2012 11:29 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.d
 Als bottle: 1 Continuing Calibration Sample
 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	AMOUNTS	
							CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41		4.977	4.977	(0.448)	337057	10.0000	9.8
2 Dichlorodifluoromethane	85		5.062	5.057	(0.455)	1304213	10.0000	9.9
3 Chlorodifluoromethane	51		5.105	5.100	(0.459)	649421	10.0000	9.2
4 1,2-Dichloro-1,1,2,2-tetraflu	85		5.356	5.351	(0.482)	1406307	10.0000	10
5 Chloromethane	50		5.516	5.516	(0.496)	374192	10.0000	9.4
6 Butane	43		5.730	5.730	(0.515)	742420	10.0000	9.4
7 Vinyl chloride	62		5.772	5.767	(0.519)	475206	10.0000	9.8
8 1,3-Butadiene	54		5.847	5.847	(0.526)	370577	10.0000	9.8
9 Bromomethane	94		6.514	6.509	(0.586)	439470	10.0000	10
10 Chloroethane	64		6.712	6.712	(0.604)	258594	10.0000	9.8
11 2-Methylbutane	43		6.781	6.781	(0.610)	563183	10.0000	9.1
12 Vinyl bromide	106		7.064	7.064	(0.635)	442332	10.0000	10
13 Trichlorofluoromethane	101		7.149	7.149	(0.643)	1328744	10.0000	10
14 Pentane	43		7.261	7.256	(0.653)	836031	10.0000	9.3

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	7.485	7.485	(0.673)	222037	15.0000	14
16 Ethyl ether	59	7.662	7.656	(0.689)	325083	10.0000	9.6
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	936464	10.0000	10
18 Acrolein	56	7.976	7.976	(0.717)	158195	10.0000	10
19 1,1-Dichloroethene	96	8.088	8.088	(0.727)	444622	10.0000	10
20 Acetone	43	8.211	8.211	(0.738)	619758	10.0000	9.3
21 Carbon disulfide	76	8.494	8.494	(0.764)	1257295	10.0000	9.6
22 Isopropanol	45	8.345	8.350	(0.750)	446135	10.0000	9.8
23 Allyl chloride	41	8.692	8.692	(0.782)	604708	10.0000	9.3(M)
24 Acetonitrile	41	8.724	8.692	(0.784)	260288	10.0000	9.5(QM)
25 Methylene chloride	49	8.905	8.910	(0.801)	462538	10.0000	9.3
26 Tert-butyl alcohol	59	8.969	8.969	(0.807)	625708	10.0000	9.3
27 Methyl tert-butyl ether	73	9.225	9.231	(0.830)	1351755	10.0000	9.7
28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	682301	10.0000	9.7
29 Acrylonitrile	53	9.332	9.337	(0.839)	295072	10.0000	9.4
30 n-Hexane	57	9.572	9.572	(0.861)	782090	10.0000	9.7
31 1,1-Dichloroethane	63	9.946	9.951	(0.894)	857601	10.0000	9.7
32 Vinyl acetate	43	9.930	9.935	(0.893)	1086913	10.0000	9.4
M 33 1,2-Dichloroethene,Total	61				1204619	20.0000	20
34 1,2-Dichloroethene (cis)	96	10.768	10.773	(0.968)	522318	10.0000	10
35 Ethyl acetate	88	10.757	10.762	(0.967)	44847	10.0000	9.9
36 Methyl Ethyl Ketone	72	10.757	10.762	(0.967)	228241	10.0000	9.4(Q)
* 37 Bromochloromethane	128	11.120	11.125	(1.000)	406637	10.0000	
38 Tetrahydrofuran	42	11.152	11.152	(0.897)	481264	10.0000	9.3
39 Chloroform	83	11.168	11.173	(1.004)	1058933	10.0000	9.9
40 Cyclohexane	84	11.472	11.477	(0.922)	764637	10.0000	9.9
41 1,1,1-Trichloroethane	97	11.445	11.451	(0.920)	1199637	10.0000	10
42 Carbon tetrachloride	117	11.643	11.648	(0.936)	1247158	10.0000	10
43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.957)	2491293	10.0000	9.5
44 Benzene	78	11.952	11.958	(0.961)	1604250	10.0000	9.6
45 1,2-Dichloroethane	62	12.027	12.032	(0.967)	692927	10.0000	9.6
46 n-Heptane	43	12.123	12.129	(0.975)	904379	10.0000	9.3
* 47 1,4-Difluorobenzene	114	12.438	12.443	(1.000)	2341328	10.0000	
48 n-Butanol	56	12.577	12.582	(1.011)	184691	10.0000	9.3
49 Trichloroethene	95	12.806	12.812	(1.030)	743539	10.0000	9.9
50 1,2-Dichloropropane	63	13.175	13.180	(1.059)	549622	10.0000	9.6
51 Methyl methacrylate	69	13.185	13.191	(1.060)	519328	10.0000	9.8
52 Dibromomethane	174	13.351	13.356	(1.073)	593784	10.0000	10
53 1,4-Dioxane	88	13.297	13.303	(1.069)	213312	10.0000	11
54 Bromodichloromethane	83	13.500	13.505	(1.085)	1194441	10.0000	10
55 1,3-Dichloropropene (cis)	75	14.119	14.125	(1.135)	867580	10.0000	9.8
56 Methyl isobutyl ketone	43	14.263	14.269	(1.147)	951610	10.0000	9.5
57 n-Octane	43	14.509	14.514	(1.166)	1247012	10.0000	9.4
58 Toluene	92	14.551	14.557	(0.889)	1198293	10.0000	9.9
59 1,3-Dichloropropene (trans)	75	14.861	14.866	(1.195)	881173	10.0000	9.7
60 1,1,2-Trichloroethane	83	15.117	15.123	(0.924)	537161	10.0000	9.8
61 Tetrachloroethene	166	15.267	15.272	(0.933)	1004703	10.0000	10

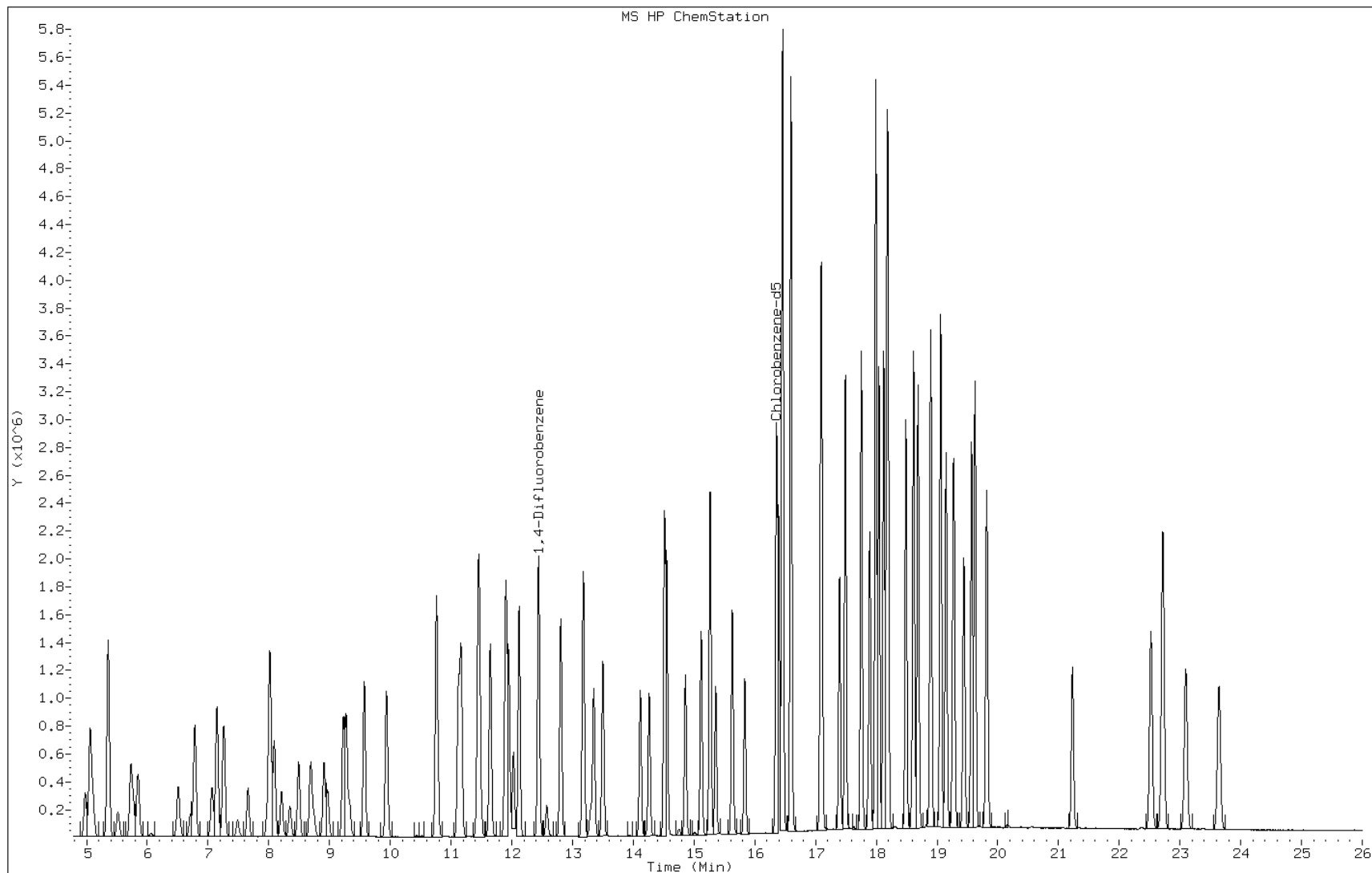
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	15.357	15.363	(0.939)	919971	10.0000	9.5
63 Dibromochloromethane	129	15.630	15.635	(0.955)	1190122	10.0000	10
64 1,2-Dibromoethane	107	15.832	15.838	(0.968)	1032021	10.0000	10
* 65 Chlorobenzene-d5	117	16.361	16.366	(1.000)	2185810	10.0000	
66 Chlorobenzene	112	16.398	16.403	(1.002)	1607969	10.0000	10
67 n-Nonane	57	16.457	16.462	(1.006)	1189160	10.0000	9.9
68 Ethylbenzene	91	16.457	16.462	(1.006)	2718167	10.0000	10
69 Xylene (m,p)	106	16.595	16.601	(1.014)	2155940	20.0000	20
M 70 Xylenes, Total	106				3187603	10.0000	31
71 Xylene (o)	106	17.086	17.092	(1.044)	1031663	10.0000	10
72 Styrene	104	17.102	17.113	(1.045)	1635349	10.0000	10
73 Bromoform	173	17.396	17.401	(1.063)	1156295	10.0000	10
74 Isopropylbenzene	105	17.492	17.497	(1.069)	3008747	10.0000	10
75 1,1,2,2-Tetrachloroethane	83	17.892	17.898	(1.094)	1443021	10.0000	10
76 n-Propylbenzene	91	17.988	17.994	(1.099)	3695907	10.0000	10
77 1,2,3-Trichloropropane	75	17.988	17.994	(1.099)	1156085	10.0000	10
78 n-Decane	57	18.042	18.047	(1.103)	1442170	10.0000	10
79 4-Ethyltoluene	105	18.122	18.127	(1.108)	3176940	10.0000	11
80 2-Chlorotoluene	91	18.175	18.181	(1.111)	2717862	10.0000	10
81 1,3,5-Trimethylbenzene	105	18.191	18.197	(1.112)	2724312	10.0000	11
82 Alpha Methyl Styrene	118	18.490	18.495	(1.130)	1321078	10.0000	11
83 tert-butylbenzene	119	18.613	18.618	(1.138)	2495499	10.0000	10
84 1,2,4-Trimethylbenzene	105	18.688	18.693	(1.142)	2644801	10.0000	11
85 sec-Butylbenzene	105	18.896	18.901	(1.155)	3723089	10.0000	11
86 4-Isopropyltoluene	119	19.061	19.066	(1.165)	3179056	10.0000	11
87 1,3-Dichlorobenzene	146	19.152	19.157	(1.171)	1753045	10.0000	10
88 1,4-Dichlorobenzene	146	19.275	19.280	(1.178)	1737000	10.0000	10
89 Benzyl chloride	91	19.440	19.445	(1.188)	2251342	10.0000	12
90 Undecane	57	19.568	19.573	(1.196)	1337579	10.0000	9.7
91 n-Butylbenzene	91	19.627	19.632	(1.200)	2789265	10.0000	11
92 1,2-Dichlorobenzene	146	19.819	19.830	(1.211)	1664554	10.0000	10
93 Dodecane	57	21.228	21.239	(1.297)	657869	10.0000	9.1
94 1,2,4-Trichlorobenzene	180	22.519	22.535	(1.376)	921973	10.0000	11
95 1,3-Hexachlorobutadiene	225	22.722	22.733	(1.389)	818753	10.0000	9.7
96 Naphthalene	128	23.096	23.107	(1.412)	2109989	10.0000	11
97 1,2,3-Trichlorobenzene	180	23.640	23.651	(1.445)	747844	10.0000	10

QC Flag Legend

Q - Qualifier signal failed the ratio test.
 M - Compound response manually integrated.

Data File: ckne002.d
Client ID: ccvis 275681
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 275681
Lab Sample ID: ccvis 275681

Date: 19-JAN-2012 10:52
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32

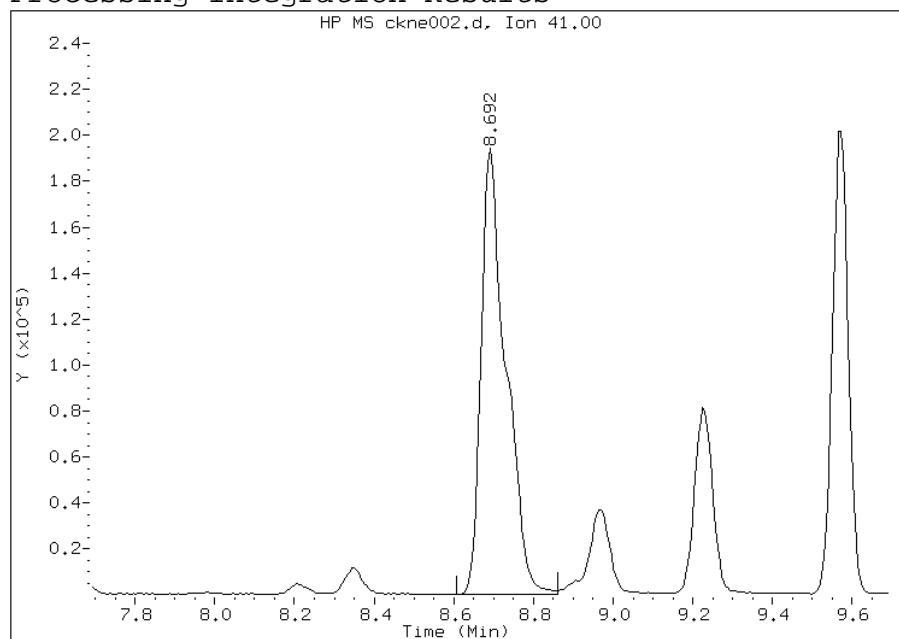


Manual Integration Report

Data File: ckne002.d
Lab Sample ID: ccvis 275681
Inj. Date and Time: 19-JAN-2012 10:52
Instrument ID: C.i
Client ID: ccvis 275681
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/20/2012

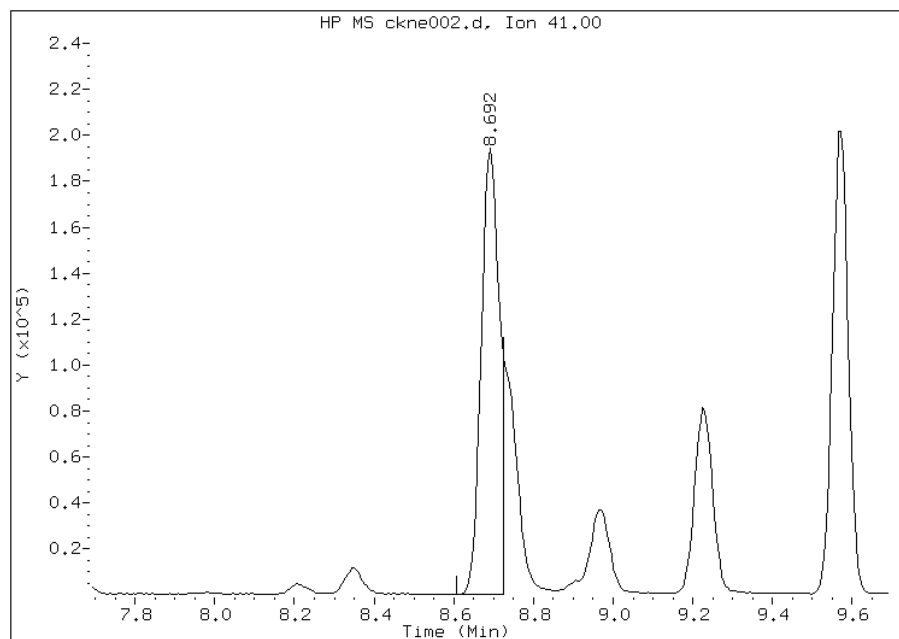
Processing Integration Results

RT: 8.69
Response: 834752
Amount: 12.86
Conc: 12.86



Manual Integration Results

RT: 8.69
Response: 604708
Amount: 9.31
Conc: 9.31



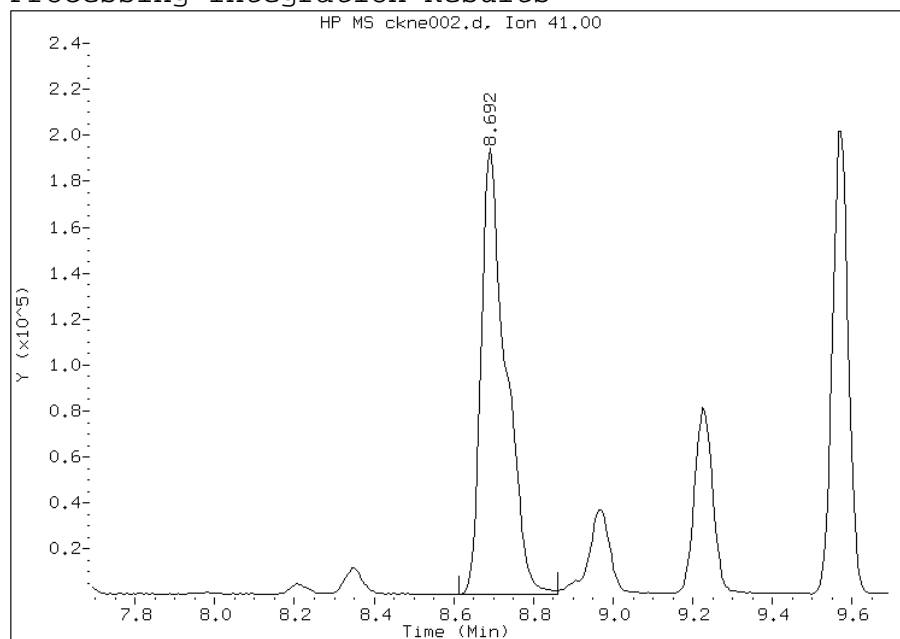
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckne002.d
Lab Sample ID: ccvis 275681
Inj. Date and Time: 19-JAN-2012 10:52
Instrument ID: C.i
Client ID: ccvis 275681
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/20/2012

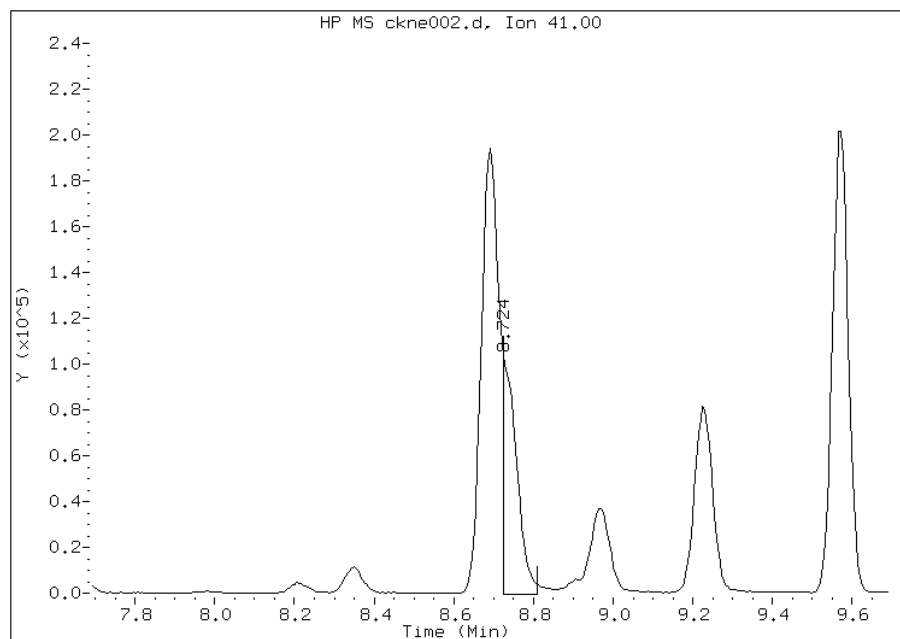
Processing Integration Results

RT: 8.69
Response: 835025
Amount: 30.34
Conc: 30.34



Manual Integration Results

RT: 8.72
Response: 260288
Amount: 9.46
Conc: 9.46



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 12-JAN-2012 15:51
 Operator : pad Inst ID: C.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/C.i/Csvr.p/cknto15.b/bfbto15.m
 Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
 Cal Date : Cal File:
 Als bottle: 1 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: AIR
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

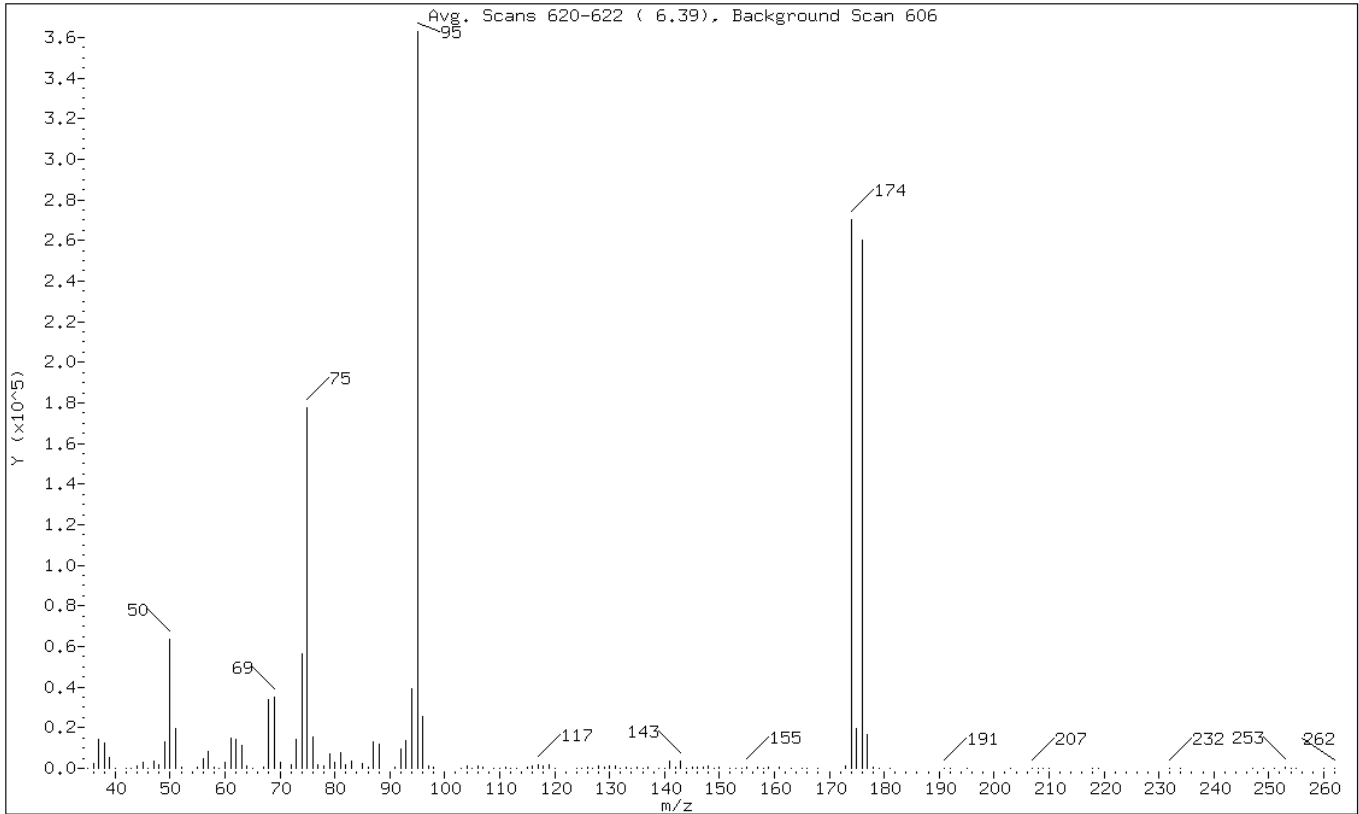
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
		ON-COL	FINAL				
RT	EXP RT	DLT RT	MASS	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	====	=====	=====	=====	=====
\$	1	bfb			CAS #:	460-00-4	
6.394	6.760	-0.366	95	362880		100.00- 100.00	100.00
6.394	6.760	-0.366	50	63274		8.00- 40.00	17.44
6.394	6.760	-0.366	75	177428		30.00- 66.00	48.89
6.394	6.760	-0.366	96	25599		5.00- 9.00	7.05
6.394	6.760	-0.366	173	1386		0.00- 2.00	0.51
6.394	6.760	-0.366	174	270016		50.00- 120.00	74.41
6.394	6.760	-0.366	175	19546		4.00- 9.00	7.24
6.394	6.760	-0.366	176	260096		93.00- 101.00	96.33
6.394	6.760	-0.366	177	16907		5.00- 9.00	6.50

Data File: ckn001.d
 Client ID: BFB
 Operator: pad
 Column Type: Capillary
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 12-JAN-2012 15:51
 Instrument: C.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	17.44
75	30.00 - 66.00% of mass 95	48.89
96	5.00 - 9.00% of mass 95	7.05
173	Less than 2.00% of mass 174	0.38 (0.51)
174	50.00 - 120.00% of mass 95	74.41
175	4.00 - 9.00% of mass 174	5.39 (7.24)
176	93.00 - 101.00% of mass 174	71.68 (96.33)
177	5.00 - 9.00% of mass 176	4.66 (6.50)

Data File: ckn001.d
 Client ID: BFB
 Operator: pad
 Column Type: Capillary
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

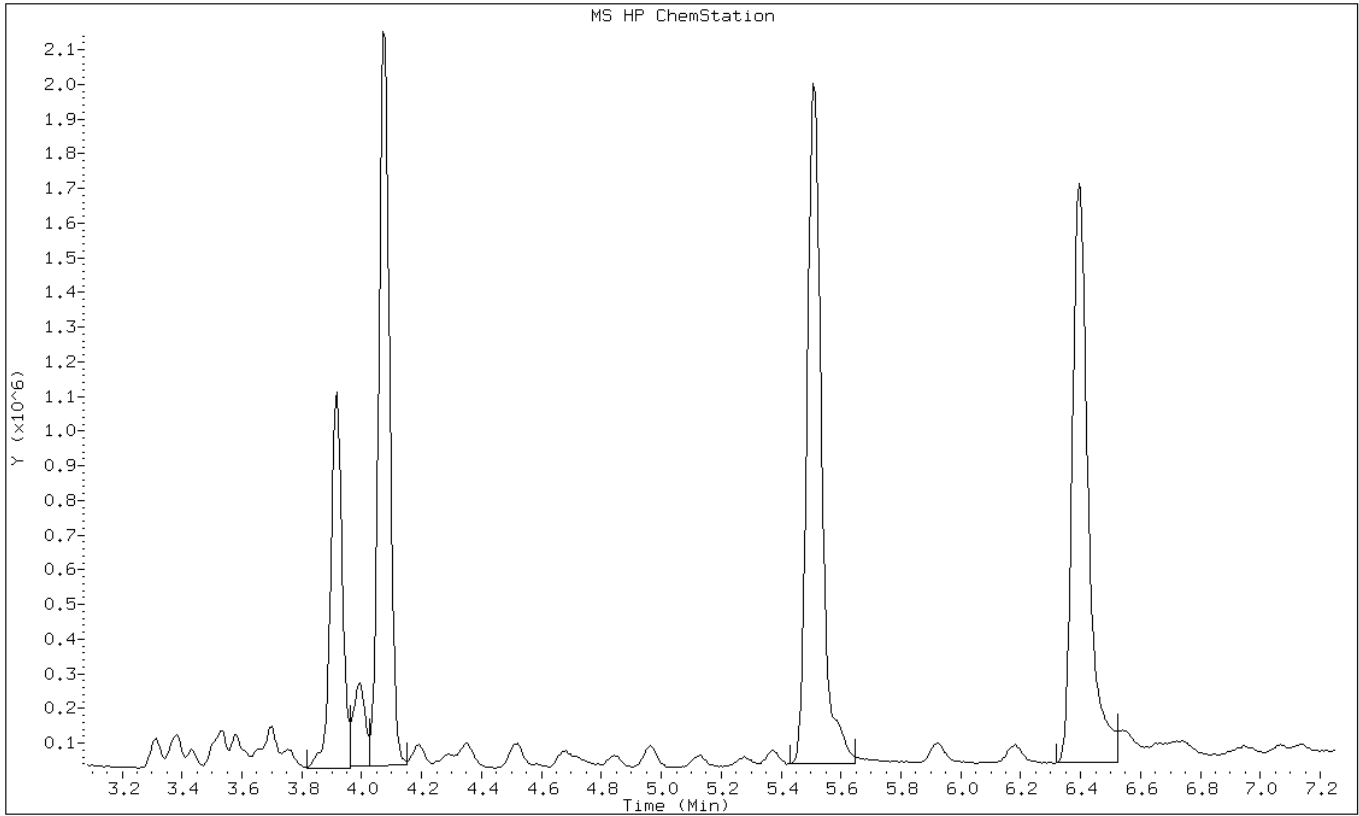
Date: 12-JAN-2012 15:51
 Instrument: C.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/cknto15.b/ckn001.d
 Spectrum: Avg. Scans 620-622 (6.39), Background Scan 606
 Location of Maximum: 95.00
 Number of points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	87	75.00	177408	119.00	1645	161.00	621
36.00	2535	76.00	15421	120.00	3	163.00	15
37.00	14386	77.00	1565	124.00	229	165.00	79
38.00	12366	78.00	1021	125.00	249	166.00	282
39.00	5390	79.00	7383	126.00	344	168.00	214
40.00	151	80.00	2682	127.00	216	173.00	1386
42.00	83	81.00	7597	128.00	1270	174.00	270016
43.00	35	82.00	1895	129.00	554	175.00	19544
44.00	1352	83.00	3822	130.00	1313	176.00	260096
45.00	2744	85.00	2298	131.00	959	177.00	16904
46.00	89	86.00	342	132.00	267	178.00	444
47.00	3846	87.00	13057	133.00	386	179.00	43
48.00	1753	88.00	12040	134.00	107	181.00	68
49.00	12838	91.00	783	135.00	545	191.00	156
50.00	63272	92.00	9348	136.00	257	192.00	100
51.00	19672	93.00	13859	137.00	650	195.00	84
52.00	735	94.00	39200	139.00	91	203.00	137
55.00	766	95.00	362880	140.00	161	207.00	278
56.00	4456	96.00	25592	141.00	3312	208.00	254
57.00	8402	97.00	990	142.00	413	209.00	116
58.00	353	98.00	346	143.00	3481	210.00	71
59.00	66	103.00	93	144.00	86	218.00	90
60.00	3055	104.00	1420	145.00	396	219.00	87
61.00	14895	105.00	292	146.00	552	232.00	72
62.00	14512	106.00	1279	147.00	371	234.00	70
63.00	11135	107.00	417	148.00	954	247.00	165
64.00	1049	109.00	86	149.00	221	249.00	51
65.00	69	110.00	218	150.00	410	251.00	249
67.00	841	111.00	300	152.00	74	253.00	514
68.00	33704	112.00	149	153.00	159	254.00	103
69.00	34984	113.00	261	154.00	145	255.00	34
70.00	2679	115.00	323	155.00	838	260.00	163
72.00	1609	116.00	1182	157.00	621	262.00	15
73.00	13966	117.00	1688	158.00	66		
74.00	56352	118.00	1065	159.00	406		

Data File: ckn001.d
Client ID: BFB
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 12-JAN-2012 15:51
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/ckneto15.b/ckne001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 19-JAN-2012 09:59
 Operator : pad Inst ID: C.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/C.i/Csvr.p/ckneto15.b/bfbto15.m
 Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
 Cal Date : Cal File:
 Als bottle: 1 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: AIR
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

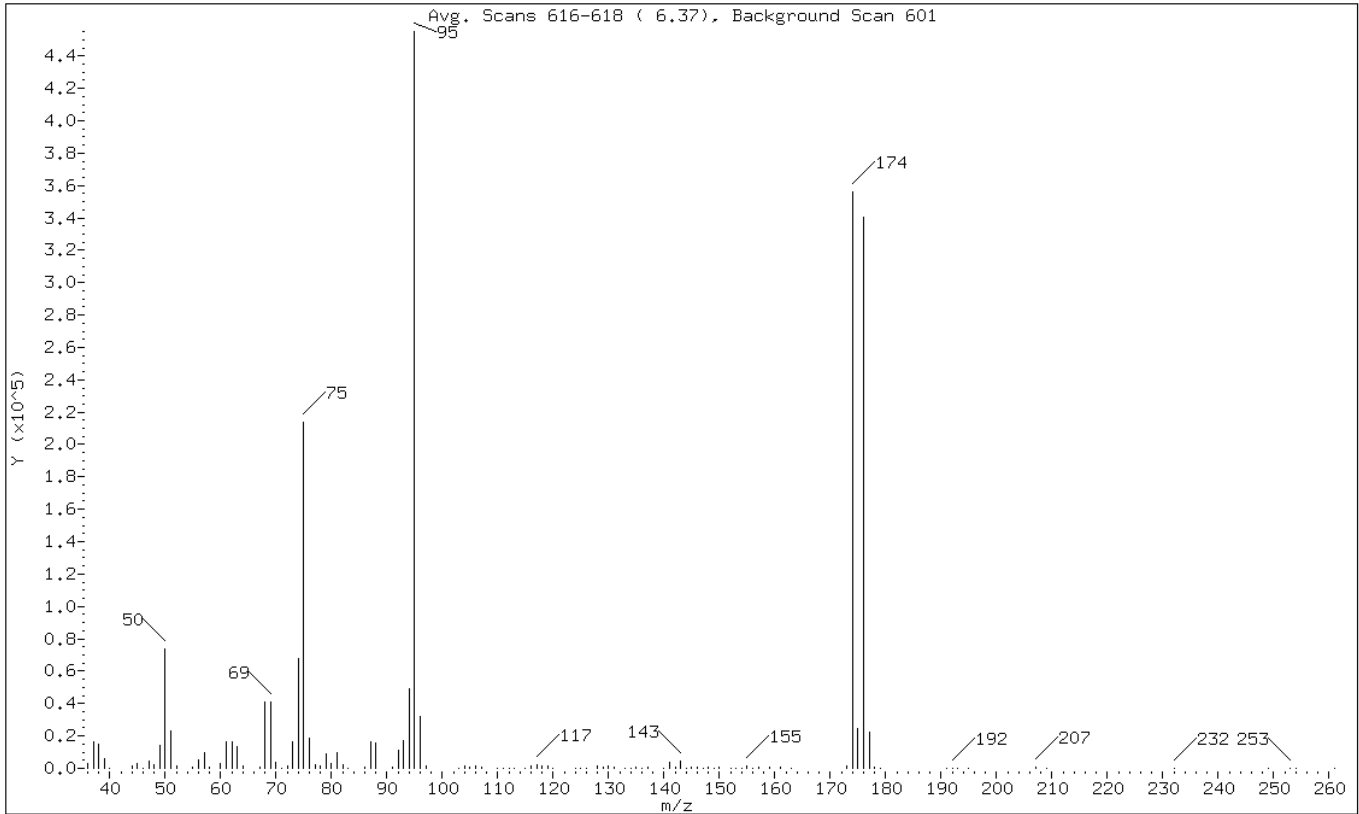
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

CONCENTRATIONS								
RT	EXP RT	DLT RT	MASS	RESPONSE (ug/L)	ON-COL	FINAL	TARGET RANGE	RATIO
==	=====	=====	====	=====	=====	=====	=====	=====
\$	1	bfb					CAS #: 460-00-4	
6.373	6.760	-0.387	95	455146			100.00- 100.00	100.00
6.373	6.760	-0.387	50	73962			8.00- 40.00	16.25
6.373	6.760	-0.387	75	213909			30.00- 66.00	47.00
6.373	6.760	-0.387	96	31830			5.00- 9.00	6.99
6.373	6.760	-0.387	173	1243			0.00- 2.00	0.35
6.373	6.760	-0.387	174	356138			50.00- 120.00	78.25
6.373	6.760	-0.387	175	24648			4.00- 9.00	6.92
6.373	6.760	-0.387	176	340138			93.00- 101.00	95.51
6.373	6.760	-0.387	177	22521			5.00- 9.00	6.62

Data File: ckne001.d
 Client ID: BFB
 Operator: pad
 Column Type: Capillary
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 19-JAN-2012 09:59
 Instrument: C.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	16.25
75	30.00 - 66.00% of mass 95	47.00
96	5.00 - 9.00% of mass 95	6.99
173	Less than 2.00% of mass 174	0.27 (0.35)
174	50.00 - 120.00% of mass 95	78.25
175	4.00 - 9.00% of mass 174	5.42 (6.92)
176	93.00 - 101.00% of mass 174	74.73 (95.51)
177	5.00 - 9.00% of mass 176	4.95 (6.62)

Data File: ckne001.d
 Client ID: BFB
 Operator: pad
 Column Type: Capillary
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

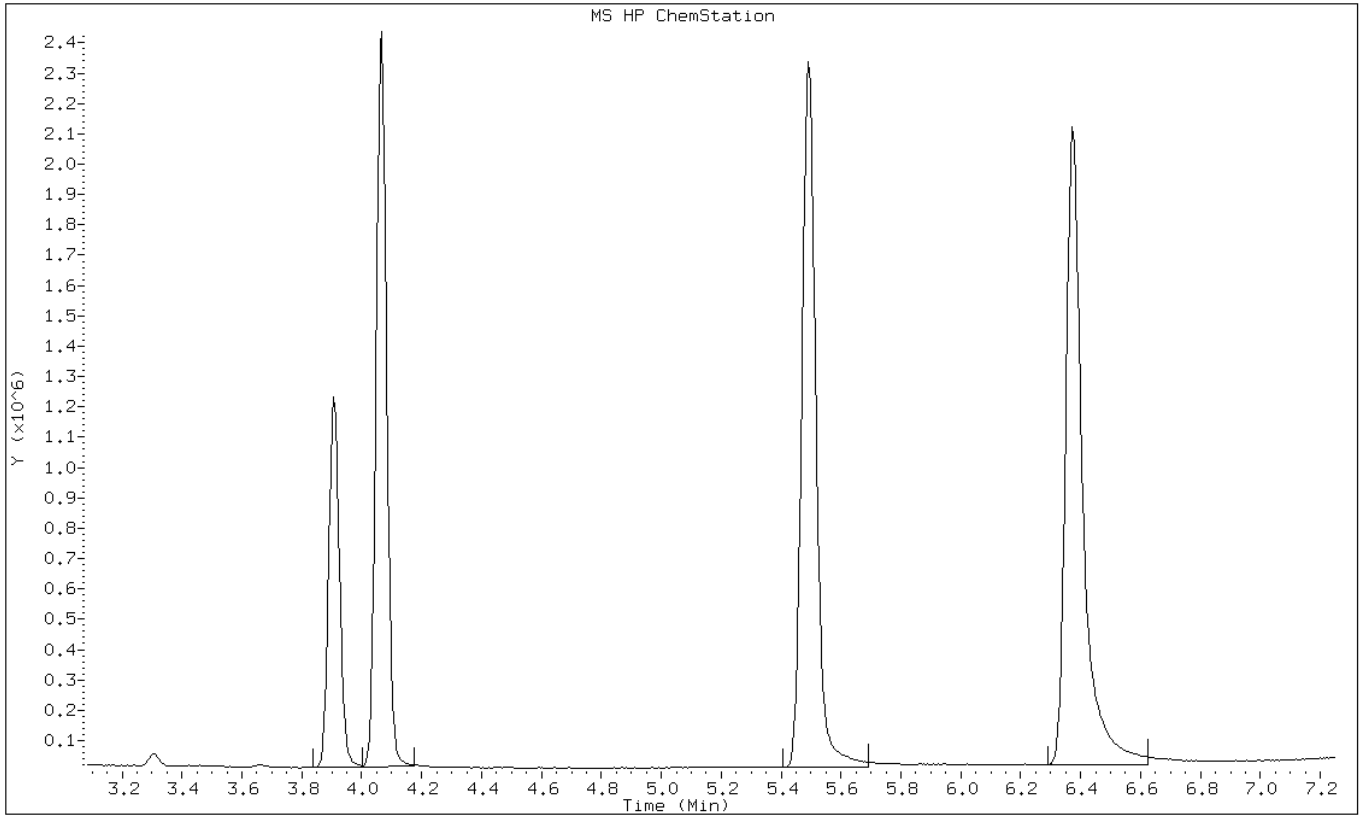
Date: 19-JAN-2012 09:59
 Instrument: C.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/ckneto15.b/ckne001.d
 Spectrum: Avg. Scans 616-618 (6.37), Background Scan 601
 Location of Maximum: 95.00
 Number of points: 115

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3016	73.00	16656	113.00	277	150.00	478
37.00	16359	74.00	67848	115.00	265	152.00	181
38.00	15088	75.00	213888	116.00	1477	153.00	348
39.00	5878	76.00	18632	117.00	2278	154.00	336
40.00	187	77.00	2410	118.00	1527	155.00	1180
44.00	1715	78.00	1340	119.00	1758	156.00	161
45.00	3055	79.00	8728	120.00	70	157.00	794
46.00	84	80.00	3308	124.00	270	159.00	535
47.00	4444	81.00	9378	125.00	85	161.00	595
48.00	1950	82.00	2475	126.00	167	163.00	152
49.00	14523	83.00	255	128.00	1610	173.00	1243
50.00	73960	86.00	442	129.00	774	174.00	356096
51.00	22896	87.00	16520	130.00	1488	175.00	24648
52.00	1179	88.00	15633	131.00	622	176.00	340096
55.00	999	91.00	1104	133.00	147	177.00	22520
56.00	5124	92.00	11478	134.00	257	178.00	656
57.00	9921	93.00	16992	135.00	527	179.00	154
58.00	464	94.00	49200	136.00	87	191.00	4
60.00	2974	95.00	455104	137.00	807	192.00	167
61.00	16648	96.00	31824	140.00	275	193.00	57
62.00	16648	97.00	1140	141.00	4034	195.00	15
63.00	13340	103.00	108	142.00	529	207.00	700
64.00	1174	104.00	1625	143.00	4515	209.00	310
67.00	876	105.00	648	144.00	265	232.00	113
68.00	40720	106.00	1602	145.00	452	249.00	73
69.00	41184	107.00	407	146.00	683	253.00	215
70.00	3667	110.00	163	147.00	347	254.00	10
71.00	70	111.00	290	148.00	1008	261.00	165
72.00	1804	112.00	168	149.00	197		

Data File: ckne001.d
Client ID: BFB
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 19-JAN-2012 09:59
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-32534/4
 Matrix: Air Lab File ID: ckne004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/19/2012 12:32
 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.: 32534 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.20	0.20
74-87-3	Chloromethane	50.49	ND		0.50	0.50
75-01-4	Vinyl chloride	62.50	ND		0.20	0.20
106-99-0	1,3-Butadiene	54.09	ND		0.20	0.20
74-83-9	Bromomethane	94.94	ND		0.20	0.20
75-00-3	Chloroethane	64.52	ND		0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	ND		0.20	0.20
76-13-1	Freon TF	187.38	ND		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	ND		0.20	0.20
67-64-1	Acetone	58.08	ND		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	ND		5.0	5.0
75-15-0	Carbon disulfide	76.14	ND		0.50	0.50
107-05-1	3-Chloropropene	76.53	ND		0.50	0.50
75-09-2	Methylene Chloride	84.93	ND		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	ND		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.20	0.20
110-54-3	n-Hexane	86.17	ND		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	ND		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	ND		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	ND		0.20	0.20
67-66-3	Chloroform	119.38	ND		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	ND		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.20	0.20
110-82-7	Cyclohexane	84.16	ND		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	ND		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	0.20
71-43-2	Benzene	78.11	ND		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	ND		0.20	0.20
142-82-5	n-Heptane	100.21	ND		0.20	0.20
79-01-6	Trichloroethene	131.39	ND		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-32534/4
 Matrix: Air Lab File ID: ckne004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/19/2012 12:32
 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.: 32534 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	ND		5.0	5.0
75-27-4	Bromodichloromethane	163.83	ND		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	ND		0.50	0.50
108-88-3	Toluene	92.14	ND		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.20	0.20
127-18-4	Tetrachloroethene	165.83	ND		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		0.50	0.50
124-48-1	Dibromochloromethane	208.29	ND		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	ND		0.20	0.20
108-90-7	Chlorobenzene	112.30	ND		0.20	0.20
100-41-4	Ethylbenzene	106.17	ND		0.20	0.20
179601-23-1	m,p-Xylene	106.17	ND		0.50	0.50
95-47-6	Xylene, o-	106.17	ND		0.20	0.20
1330-20-7	Xylene (total)	106.17	ND		0.20	0.20
100-42-5	Styrene	104.15	ND		0.20	0.20
75-25-2	Bromoform	252.75	ND		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	ND		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	ND		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	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
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	ND		0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-32534/4
 Matrix: Air Lab File ID: ckne004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/19/2012 12:32
 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.: 32534 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	2.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4		1.4	1.4
74-87-3	Chloromethane	50.49	1.0		1.0	1.0
75-01-4	Vinyl chloride	62.50	0.51		0.51	0.51
106-99-0	1,3-Butadiene	54.09	0.44		0.44	0.44
74-83-9	Bromomethane	94.94	0.78		0.78	0.78
75-00-3	Chloroethane	64.52	1.3		1.3	1.3
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87		0.87	0.87
75-69-4	Trichlorofluoromethane	137.37	1.1		1.1	1.1
76-13-1	Freon TF	187.38	1.5		1.5	1.5
75-35-4	1,1-Dichloroethene	96.94	0.79		0.79	0.79
67-64-1	Acetone	58.08	12		12	12
67-63-0	Isopropyl alcohol	60.10	12		12	12
75-15-0	Carbon disulfide	76.14	1.6		1.6	1.6
107-05-1	3-Chloropropene	76.53	1.6		1.6	1.6
75-09-2	Methylene Chloride	84.93	1.7		1.7	1.7
75-65-0	tert-Butyl alcohol	74.12	15		15	15
1634-04-4	Methyl tert-butyl ether	88.15	0.72		0.72	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	0.79		0.79	0.79
110-54-3	n-Hexane	86.17	0.70		0.70	0.70
75-34-3	1,1-Dichloroethane	98.96	0.81		0.81	0.81
78-93-3	Methyl Ethyl Ketone	72.11	1.5		1.5	1.5
156-59-2	cis-1,2-Dichloroethene	96.94	0.79		0.79	0.79
540-59-0	1,2-Dichloroethene, Total	96.94	0.79		0.79	0.79
67-66-3	Chloroform	119.38	0.98		0.98	0.98
109-99-9	Tetrahydrofuran	72.11	15		15	15
71-55-6	1,1,1-Trichloroethane	133.41	1.1		1.1	1.1
110-82-7	Cyclohexane	84.16	0.69		0.69	0.69
56-23-5	Carbon tetrachloride	153.81	1.3		1.3	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	0.93		0.93	0.93
71-43-2	Benzene	78.11	0.64		0.64	0.64
107-06-2	1,2-Dichloroethane	98.96	0.81		0.81	0.81
142-82-5	n-Heptane	100.21	0.82		0.82	0.82
79-01-6	Trichloroethene	131.39	1.1		1.1	1.1
78-87-5	1,2-Dichloropropane	112.99	0.92		0.92	0.92

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-32534/4
 Matrix: Air Lab File ID: ckne004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/19/2012 12:32
 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.: 32534 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	18		18	18
75-27-4	Bromodichloromethane	163.83	1.3		1.3	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91		0.91	0.91
108-10-1	methyl isobutyl ketone	100.16	2.0		2.0	2.0
108-88-3	Toluene	92.14	0.75		0.75	0.75
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91		0.91	0.91
79-00-5	1,1,2-Trichloroethane	133.41	1.1		1.1	1.1
127-18-4	Tetrachloroethene	165.83	1.4		1.4	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0		2.0	2.0
124-48-1	Dibromochloromethane	208.29	1.7		1.7	1.7
106-93-4	1,2-Dibromoethane	187.87	1.5		1.5	1.5
108-90-7	Chlorobenzene	112.30	0.92		0.92	0.92
100-41-4	Ethylbenzene	106.17	0.87		0.87	0.87
179601-23-1	m,p-Xylene	106.17	2.2		2.2	2.2
95-47-6	Xylene, o-	106.17	0.87		0.87	0.87
1330-20-7	Xylene (total)	106.17	0.87		0.87	0.87
100-42-5	Styrene	104.15	0.85		0.85	0.85
75-25-2	Bromoform	252.75	2.1		2.1	2.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4		1.4	1.4
622-96-8	4-Ethyltoluene	120.20	0.98		0.98	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98		0.98	0.98
95-49-8	2-Chlorotoluene	126.59	1.0		1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98		0.98	0.98
541-73-1	1,3-Dichlorobenzene	147.00	1.2		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	1.2		1.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	1.2		1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7		3.7	3.7
87-68-3	Hexachlorobutadiene	260.76	2.1		2.1	2.1

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ckneto15.b/ckne004.d
 Lab Smp Id: mb Client Smp ID: mb
 Inj Date : 19-JAN-2012 12:32
 Operator : pad Inst ID: C.i
 Smp Info : mb
 Misc Info : 200,1, mb
 Comment :
 Method : /chem/C.i/Csvr.p/ckneto15.b/to15v5.m
 Meth Date : 20-Jan-2012 11:29 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.d
 Als bottle: 2 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									
21 Carbon disulfide	76									
22 Isopropanol	45									
23 Allyl chloride	41									
24 Acetonitrile	41									
25 Methylene chloride	49		8.916	8.910	(0.802)		3489	0.07654	0.077(aQ)	
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		11.115	11.125	(1.000)		371878	10.0000		(Q)
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		12.438	12.443	(1.000)		2226024	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									

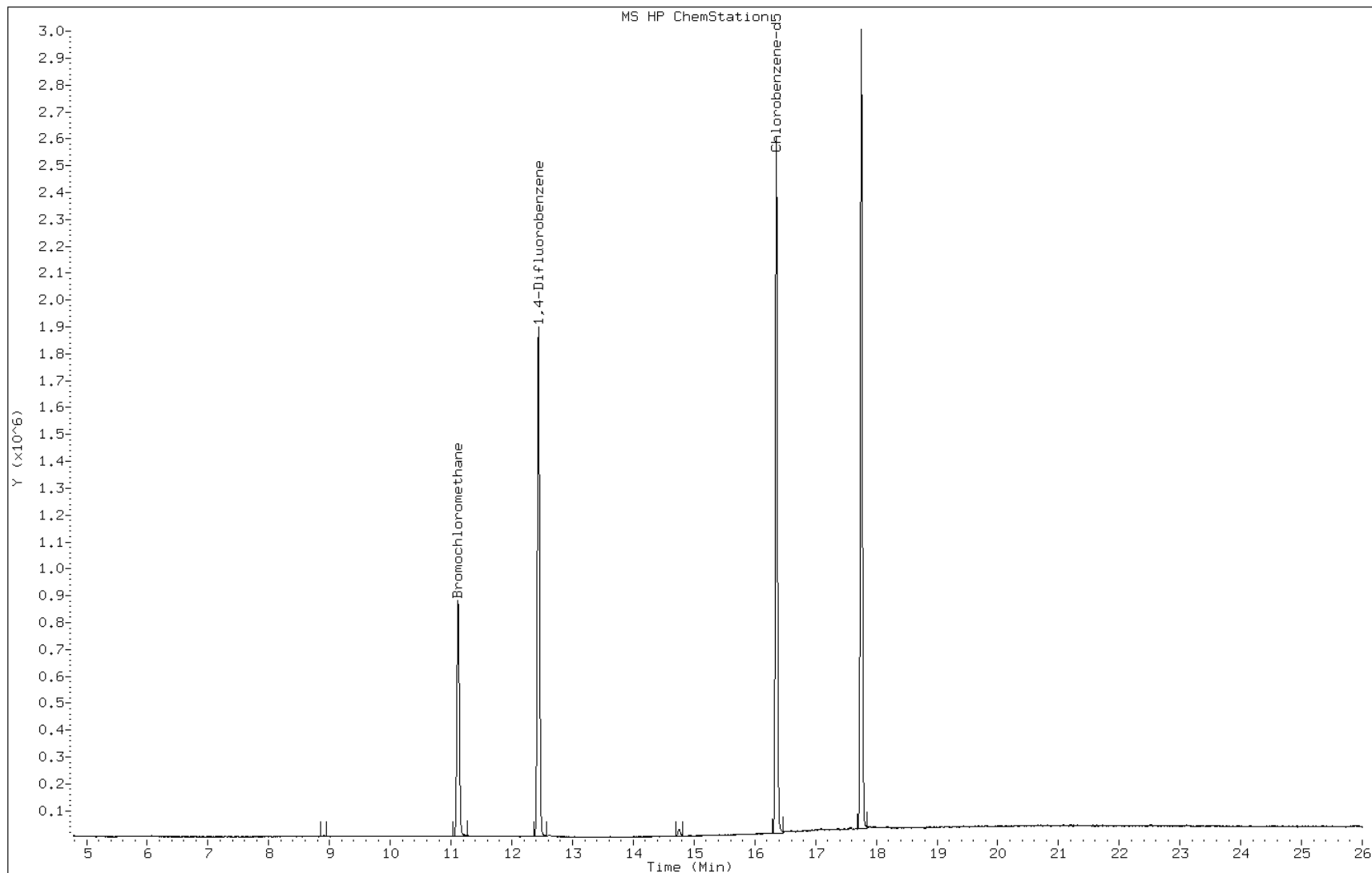
Compounds	QUANT	SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
									ON-COLUMN	FINAL
	MASS								(ppb v/v)	(ppb v/v)
62 2-Hexanone	43									
63 Dibromochloromethane	129									
64 1,2-Dibromoethane	107									
* 65 Chlorobenzene-d5	117		16.355	16.366	(1.000)			2066984	10.0000	
66 Chlorobenzene	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).
- Q - Qualifier signal failed the ratio test.

Data File: ckne004.d
Client ID: mb
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 19-JAN-2012 12:32
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-32534/3
 Matrix: Air Lab File ID: ckne003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/19/2012 11:42
 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.: 32534 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	9.56		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.60		0.20	0.20
74-87-3	Chloromethane	50.49	8.95		0.50	0.50
75-01-4	Vinyl chloride	62.50	9.41		0.20	0.20
106-99-0	1,3-Butadiene	54.09	9.63		0.20	0.20
74-83-9	Bromomethane	94.94	9.49		0.20	0.20
75-00-3	Chloroethane	64.52	9.43		0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	106.96	9.78		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	9.55		0.20	0.20
76-13-1	Freon TF	187.38	10.4		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	10.7		0.20	0.20
67-64-1	Acetone	58.08	8.45		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	8.92		5.0	5.0
75-15-0	Carbon disulfide	76.14	9.56		0.50	0.50
107-05-1	3-Chloropropene	76.53	8.96		0.50	0.50
75-09-2	Methylene Chloride	84.93	9.54		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	8.94		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	8.66		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	9.28		0.20	0.20
110-54-3	n-Hexane	86.17	9.24		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	9.36		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	8.29		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	9.82		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	19.1		0.20	0.20
67-66-3	Chloroform	119.38	9.46		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	8.09		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	9.40		0.20	0.20
110-82-7	Cyclohexane	84.16	9.36		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	9.43		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	9.02		0.20	0.20
71-43-2	Benzene	78.11	9.05		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	9.05		0.20	0.20
142-82-5	n-Heptane	100.21	8.79		0.20	0.20
79-01-6	Trichloroethene	131.39	9.44		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	8.84		0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 480-15056-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-32534/3
 Matrix: Air Lab File ID: ckne003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/19/2012 11:42
 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.: 32534 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	8.51		5.0	5.0
75-27-4	Bromodichloromethane	163.83	9.66		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	9.01		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	7.94		0.50	0.50
108-88-3	Toluene	92.14	9.05		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	8.65		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	8.59		0.20	0.20
127-18-4	Tetrachloroethene	165.83	9.20		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	7.74		0.50	0.50
124-48-1	Dibromochloromethane	208.29	9.89		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	9.06		0.20	0.20
108-90-7	Chlorobenzene	112.30	8.96		0.20	0.20
100-41-4	Ethylbenzene	106.17	8.77		0.20	0.20
179601-23-1	m,p-Xylene	106.17	17.2		0.50	0.50
95-47-6	Xylene, o-	106.17	8.52		0.20	0.20
1330-20-7	Xylene (total)	106.17	25.7		0.20	0.20
100-42-5	Styrene	104.15	8.75		0.20	0.20
75-25-2	Bromoform	252.75	9.47		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	8.15		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	8.97		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	8.63		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	8.88		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	8.53		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	8.46		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	8.37		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	8.22		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	7.73		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	7.51		0.20	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ckneto15.b/ckne003.d
 Lab Smp Id: lcs 264634 Client Smp ID: lcs 264634
 Inj Date : 19-JAN-2012 11:42
 Operator : pad Inst ID: C.i
 Smp Info : lcs 264634
 Misc Info : 200,1, lcs
 Comment :
 Method : /chem/C.i/Csvr.p/ckneto15.b/to15v5.m
 Meth Date : 20-Jan-2012 11:29 wrd Quant Type: ISTD
 Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.d
 Als bottle: 3 QC Sample: LCS
 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	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41			4.977	4.977	(0.448)	311736	8.95574	9.0
2 Dichlorodifluoromethane	85			5.057	5.057	(0.455)	1270639	9.56362	9.6
3 Chlorodifluoromethane	51			5.105	5.100	(0.459)	658128	9.23124	9.2
4 1,2-Dichloro-1,1,2,2-tetraflu	85			5.351	5.351	(0.481)	1353556	9.60480	9.6
5 Chloromethane	50			5.516	5.516	(0.496)	360276	8.94708	8.9
6 Butane	43			5.730	5.730	(0.515)	702229	8.75563	8.8
7 Vinyl chloride	62			5.767	5.767	(0.519)	461023	9.40773	9.4
8 1,3-Butadiene	54			5.847	5.847	(0.526)	367484	9.62745	9.6
9 Bromomethane	94			6.509	6.509	(0.585)	420750	9.49222	9.5
10 Chloroethane	64			6.712	6.712	(0.604)	252318	9.42815	9.4
11 2-Methylbutane	43			6.781	6.781	(0.610)	553012	8.78457	8.8
12 Vinyl bromide	106			7.064	7.064	(0.635)	434402	9.78268	9.8
13 Trichlorofluoromethane	101			7.144	7.149	(0.642)	1284958	9.54786	9.5
14 Pentane	43			7.256	7.256	(0.653)	785170	8.63210	8.6

Compounds	QUANT SIG		CONCENTRATIONS				
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15 Ethanol	45	7.485	7.485	(0.673)	213414	13.2071	13
16 Ethyl ether	59	7.656	7.656	(0.689)	280833	8.19667	8.2
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.014	8.014	(0.721)	977537	10.4195	10
18 Acrolein	56	7.976	7.976	(0.717)	121669	7.57225	7.6
19 1,1-Dichloroethene	96	8.089	8.088	(0.727)	474706	10.7176	11
20 Acetone	43	8.206	8.211	(0.738)	567384	8.44786	8.4
21 Carbon disulfide	76	8.494	8.494	(0.764)	1274741	9.56133	9.6
22 Isopropanol	45	8.350	8.350	(0.751)	411102	8.91937	8.9
23 Allyl chloride	41	8.692	8.692	(0.782)	589188	8.96092	9.0(M)
24 Acetonitrile	41	8.724	8.692	(0.784)	234504	8.41243	8.4(QM)
25 Methylene chloride	49	8.905	8.910	(0.801)	481678	9.54213	9.5
26 Tert-butyl alcohol	59	8.969	8.969	(0.807)	612513	8.94294	8.9
27 Methyl tert-butyl ether	73	9.225	9.231	(0.830)	1219551	8.65794	8.7
28 1,2-Dichloroethene (trans)	61	9.273	9.279	(0.834)	659467	9.27796	9.3
29 Acrylonitrile	53	9.332	9.337	(0.839)	275716	8.66097	8.7
30 n-Hexane	57	9.572	9.572	(0.861)	757065	9.23694	9.2
31 1,1-Dichloroethane	63	9.946	9.951	(0.894)	837344	9.36276	9.4
32 Vinyl acetate	43	9.930	9.935	(0.893)	965611	8.27938	8.3
M 33 1,2-Dichloroethene,Total	61				1176003	19.0965	19
34 1,2-Dichloroethene (cis)	96	10.768	10.773	(0.968)	516536	9.81857	9.8
35 Ethyl acetate	88	10.757	10.762	(0.967)	39321	8.59684	8.6
36 Methyl Ethyl Ketone	72	10.762	10.762	(0.968)	204165	8.29488	8.3(Q)
* 37 Bromochloromethane	128	11.120	11.125	(1.000)	411828	10.0000	
38 Tetrahydrofuran	42	11.152	11.152	(0.897)	429875	8.08954	8.1
39 Chloroform	83	11.168	11.173	(1.004)	1020589	9.46051	9.5
40 Cyclohexane	84	11.472	11.477	(0.922)	737053	9.36047	9.4
41 1,1,1-Trichloroethane	97	11.445	11.451	(0.920)	1152245	9.39574	9.4
42 Carbon tetrachloride	117	11.643	11.648	(0.936)	1178168	9.43176	9.4
43 2,2,4-Trimethylpentane	57	11.899	11.904	(0.957)	2417402	9.01992	9.0
44 Benzene	78	11.952	11.958	(0.961)	1545594	9.04868	9.0
45 1,2-Dichloroethane	62	12.027	12.032	(0.967)	665624	9.05204	9.1
46 n-Heptane	43	12.123	12.129	(0.975)	873828	8.79264	8.8
* 47 1,4-Difluorobenzene	114	12.438	12.443	(1.000)	2396706	10.0000	
48 n-Butanol	56	12.577	12.582	(1.011)	166970	8.21083	8.2
49 Trichloroethene	95	12.806	12.812	(1.030)	722344	9.44018	9.4
50 1,2-Dichloropropane	63	13.175	13.180	(1.059)	516262	8.83591	8.8(Q)
51 Methyl methacrylate	69	13.180	13.191	(1.060)	447321	8.24612	8.2
52 Dibromomethane	174	13.351	13.356	(1.073)	568230	9.52367	9.5
53 1,4-Dioxane	88	13.297	13.303	(1.069)	171244	8.50777	8.5
54 Bromodichloromethane	83	13.500	13.505	(1.085)	1165938	9.66240	9.7
55 1,3-Dichloropropene (cis)	75	14.119	14.125	(1.135)	813294	9.00799	9.0
56 Methyl isobutyl ketone	43	14.263	14.269	(1.147)	815324	7.94160	7.9
57 n-Octane	43	14.509	14.514	(1.166)	1200110	8.85512	8.9
58 Toluene	92	14.546	14.557	(0.889)	1126360	9.05379	9.1
59 1,3-Dichloropropene (trans)	75	14.861	14.866	(1.195)	807708	8.65098	8.7
60 1,1,2-Trichloroethane	83	15.117	15.123	(0.924)	482292	8.59307	8.6
61 Tetrachloroethene	166	15.267	15.272	(0.933)	934340	9.19549	9.2

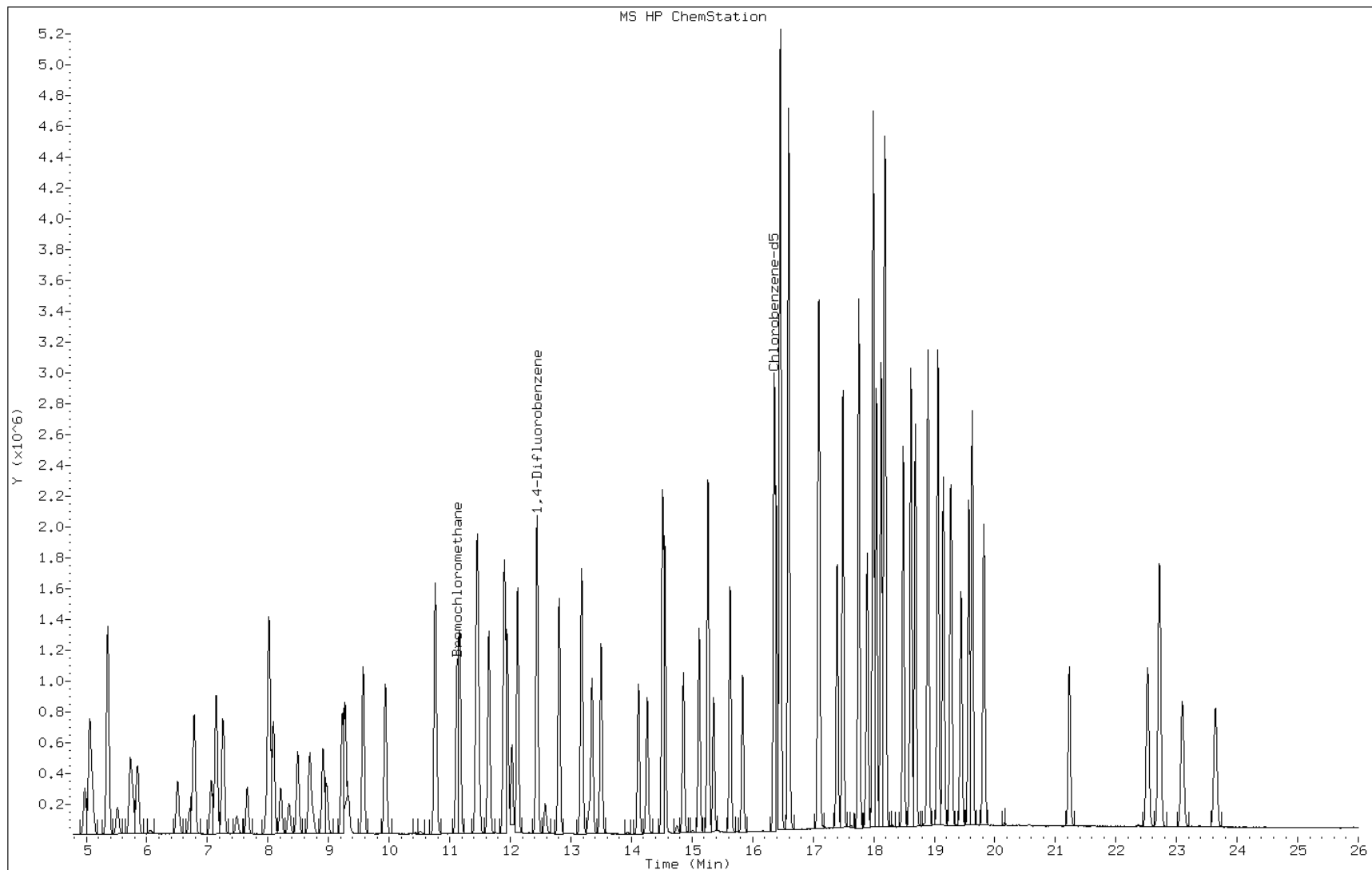
Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====	=====
62 2-Hexanone	43		15.357	15.363	(0.939)	766692	7.73649	7.7
63 Dibromochloromethane	129		15.630	15.635	(0.955)	1162814	9.89403	9.9
64 1,2-Dibromoethane	107		15.832	15.838	(0.968)	948303	9.06077	9.1
* 65 Chlorobenzene-d5	117		16.361	16.366	(1.000)	2240734	10.0000	
66 Chlorobenzene	112		16.398	16.403	(1.002)	1480324	8.96220	9.0
67 n-Nonane	57		16.457	16.462	(1.006)	1081802	8.80994	8.8
68 Ethylbenzene	91		16.457	16.462	(1.006)	2415104	8.76942	8.8
69 Xylene (m,p)	106		16.596	16.601	(1.014)	1859849	17.1806	17
M 70 Xylenes, Total	106					2739279	25.6969	26
71 Xylene (o)	106		17.087	17.092	(1.044)	879430	8.51636	8.5
72 Styrene	104		17.108	17.113	(1.046)	1406162	8.75241	8.8
73 Bromoform	173		17.396	17.401	(1.063)	1083453	9.46623	9.5
74 Isopropylbenzene	105		17.492	17.497	(1.069)	2615528	8.73460	8.7
75 1,1,2,2-Tetrachloroethane	83		17.892	17.898	(1.094)	1203050	8.15081	8.2
76 n-Propylbenzene	91		17.988	17.994	(1.099)	3204243	8.82178	8.8
77 1,2,3-Trichloropropane	75		17.988	17.994	(1.099)	1003656	8.44352	8.4
78 n-Decane	57		18.042	18.047	(1.103)	1241045	8.53969	8.5
79 4-Ethyltoluene	105		18.122	18.127	(1.108)	2767195	8.96884	9.0
80 2-Chlorotoluene	91		18.175	18.181	(1.111)	2398421	8.88481	8.9
81 1,3,5-Trimethylbenzene	105		18.191	18.197	(1.112)	2288941	8.63410	8.6
82 Alpha Methyl Styrene	118		18.490	18.495	(1.130)	1106056	8.92743	8.9
83 tert-butylbenzene	119		18.613	18.618	(1.138)	2147878	8.79023	8.8
84 1,2,4-Trimethylbenzene	105		18.688	18.693	(1.142)	2174446	8.52593	8.5
85 sec-Butylbenzene	105		18.896	18.901	(1.155)	3188291	8.86916	8.9
86 4-Isopropyltoluene	119		19.061	19.066	(1.165)	2718113	8.90594	8.9
87 1,3-Dichlorobenzene	146		19.152	19.157	(1.171)	1472761	8.45546	8.5
88 1,4-Dichlorobenzene	146		19.275	19.280	(1.178)	1448566	8.36567	8.4
89 Benzyl chloride	91		19.440	19.445	(1.188)	1772415	9.01949	9.0
90 Undecane	57		19.568	19.573	(1.196)	1036447	7.34874	7.3
91 n-Butylbenzene	91		19.627	19.632	(1.200)	2352666	8.95150	9.0
92 1,2-Dichlorobenzene	146		19.819	19.830	(1.211)	1353381	8.21542	8.2
93 Dodecane	57		21.228	21.239	(1.297)	587485	7.93384	7.9
94 1,2,4-Trichlorobenzene	180		22.525	22.535	(1.377)	680384	7.72885	7.7
95 1,3-Hexachlorobutadiene	225		22.717	22.733	(1.389)	649816	7.51363	7.5
96 Naphthalene	128		23.096	23.107	(1.412)	1488215	7.57817	7.6
97 1,2,3-Trichlorobenzene	180		23.640	23.651	(1.445)	559999	7.49862	7.5

QC Flag Legend

Q - Qualifier signal failed the ratio test.
 M - Compound response manually integrated.

Data File: ckne003.d
Client ID: lcs 264634
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 264634
Lab Sample ID: lcs 264634

Date: 19-JAN-2012 11:42
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32

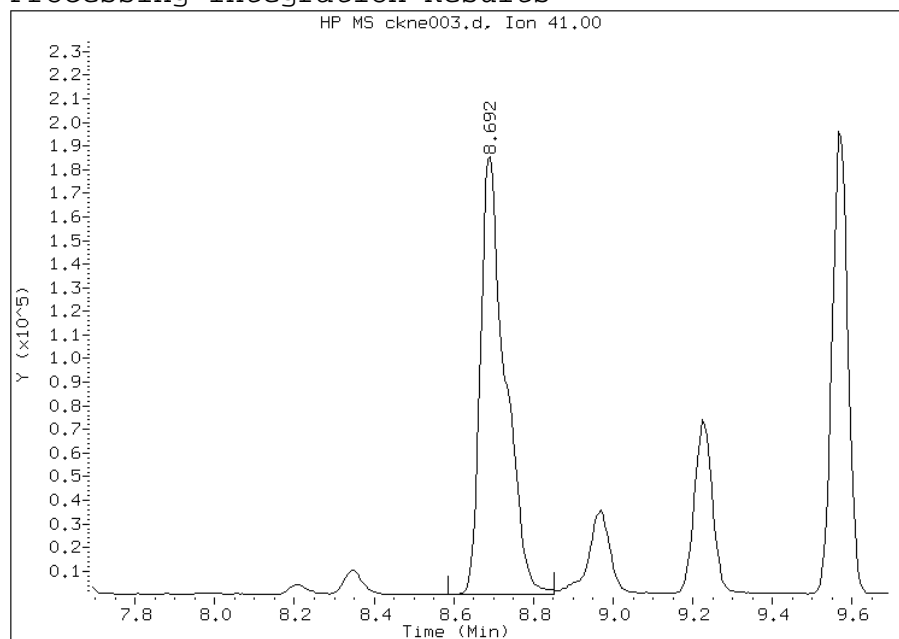


Manual Integration Report

Data File: ckne003.d
Lab Sample ID: lcs 264634
Inj. Date and Time: 19-JAN-2012 11:42
Instrument ID: C.i
Client ID: lcs 264634
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/20/2012

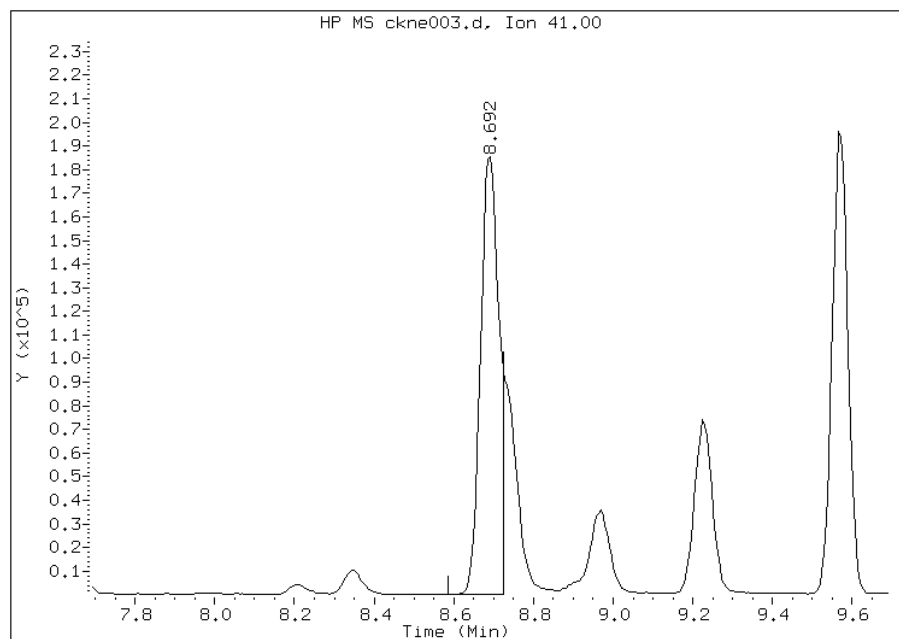
Processing Integration Results

RT: 8.69
Response: 794864
Amount: 12.09
Conc: 12.09



Manual Integration Results

RT: 8.69
Response: 589188
Amount: 8.96
Conc: 8.96



File Uploaded By: wrd
Manual Integration Reason: Baseline event

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 480-15056-1

SDG No.: _____

Instrument ID: C.i Start Date: 01/12/2012 15:51

Analysis Batch Number: 32216 End Date: 01/13/2012 05:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-32216/1		01/12/2012 15:51	1	ckn001.d	RTX-624 0.32 (mm)
VIBLK 200-32216/2		01/12/2012 16:36	1		RTX-624 0.32 (mm)
IC 200-32216/3		01/12/2012 17:27	1	ckn003.d	RTX-624 0.32 (mm)
IC 200-32216/4		01/12/2012 18:17	1	ckn004.d	RTX-624 0.32 (mm)
IC 200-32216/5		01/12/2012 19:07	1	ckn005.d	RTX-624 0.32 (mm)
ICIS 200-32216/6		01/12/2012 19:56	1	ckn006.d	RTX-624 0.32 (mm)
IC 200-32216/7		01/12/2012 20:47	1	ckn007.d	RTX-624 0.32 (mm)
IC 200-32216/8		01/12/2012 21:37	1	ckn008.d	RTX-624 0.32 (mm)
IC 200-32216/9		01/12/2012 22:26	1	ckn009.d	RTX-624 0.32 (mm)
VIBLK 200-32216/10		01/12/2012 23:16	1		RTX-624 0.32 (mm)
VIBLK 200-32216/11		01/13/2012 00:06	1		RTX-624 0.32 (mm)
ICV 200-32216/12		01/13/2012 00:56	1	ckn012.d	RTX-624 0.32 (mm)
VIBLK 200-32216/13		01/13/2012 01:46	1		RTX-624 0.32 (mm)
ZZZZZ		01/13/2012 02:37	1		RTX-624 0.32 (mm)
ZZZZZ		01/13/2012 03:27	1		RTX-624 0.32 (mm)
ZZZZZ		01/13/2012 04:17	52.4		RTX-624 0.32 (mm)
ZZZZZ		01/13/2012 05:07	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 480-15056-1

SDG No.: _____

Instrument ID: C.i Start Date: 01/19/2012 09:59

Analysis Batch Number: 32534 End Date: 01/20/2012 09:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-32534/1		01/19/2012 09:59	1	ckne001.d	RTX-624 0.32 (mm)
CCVIS 200-32534/2		01/19/2012 10:52	1	ckne002.d	RTX-624 0.32 (mm)
LCS 200-32534/3		01/19/2012 11:42	1	ckne003.d	RTX-624 0.32 (mm)
MB 200-32534/4		01/19/2012 12:32	1	ckne004.d	RTX-624 0.32 (mm)
ZZZZZ		01/19/2012 13:23	1		RTX-624 0.32 (mm)
ZZZZZ		01/19/2012 14:13	1		RTX-624 0.32 (mm)
ZZZZZ		01/19/2012 15:03	10		RTX-624 0.32 (mm)
480-15056-1	LRP Effluent	01/19/2012 16:37	80.1	ckne008.d	RTX-624 0.32 (mm)
480-15056-2	AS Effluent	01/19/2012 17:27	1	ckne009.d	RTX-624 0.32 (mm)
ZZZZZ		01/19/2012 18:17	2.3		RTX-624 0.32 (mm)
ZZZZZ		01/19/2012 19:07	1		RTX-624 0.32 (mm)
ZZZZZ		01/19/2012 19:57	1		RTX-624 0.32 (mm)
ZZZZZ		01/19/2012 20:47	10		RTX-624 0.32 (mm)
ZZZZZ		01/19/2012 21:38	1		RTX-624 0.32 (mm)
ZZZZZ		01/19/2012 22:27	10		RTX-624 0.32 (mm)
ZZZZZ		01/19/2012 23:17	1		RTX-624 0.32 (mm)
ZZZZZ		01/20/2012 00:08	1		RTX-624 0.32 (mm)
ZZZZZ		01/20/2012 00:58	1		RTX-624 0.32 (mm)
ZZZZZ		01/20/2012 01:49	10		RTX-624 0.32 (mm)
ZZZZZ		01/20/2012 02:39	1		RTX-624 0.32 (mm)
ZZZZZ		01/20/2012 03:29	1		RTX-624 0.32 (mm)
ZZZZZ		01/20/2012 04:20	10		RTX-624 0.32 (mm)
ZZZZZ		01/20/2012 05:10	10		RTX-624 0.32 (mm)
ZZZZZ		01/20/2012 06:01	10		RTX-624 0.32 (mm)
ZZZZZ		01/20/2012 08:47	5		RTX-624 0.32 (mm)
ZZZZZ		01/20/2012 09:37	0.2		RTX-624 0.32 (mm)

Subcontract Data

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-15056-1

Login Number: 15056
List Number: 1
Creator: Wienke, Robert

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	N/A	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	N/A	
COC is filled out in ink and legible.	N/A	
COC is filled out with all pertinent information.	N/A	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the sample IDs on the containers and the COC.	N/A	
Samples are received within Holding Time.	N/A	
Sample containers have legible labels.	N/A	
Containers are not broken or leaking.	N/A	
Sample collection date/times are provided.	N/A	
Appropriate sample containers are used.	N/A	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Sampling Company provided.	N/A	
Samples received within 48 hours of sampling.	N/A	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-15056-1

Login Number: 15056

List Source: TestAmerica Burlington

List Number: 1

List Creation: 01/17/12 02:49 PM

Creator: Holt, Jamie

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	419567
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 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.	N/A	
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.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



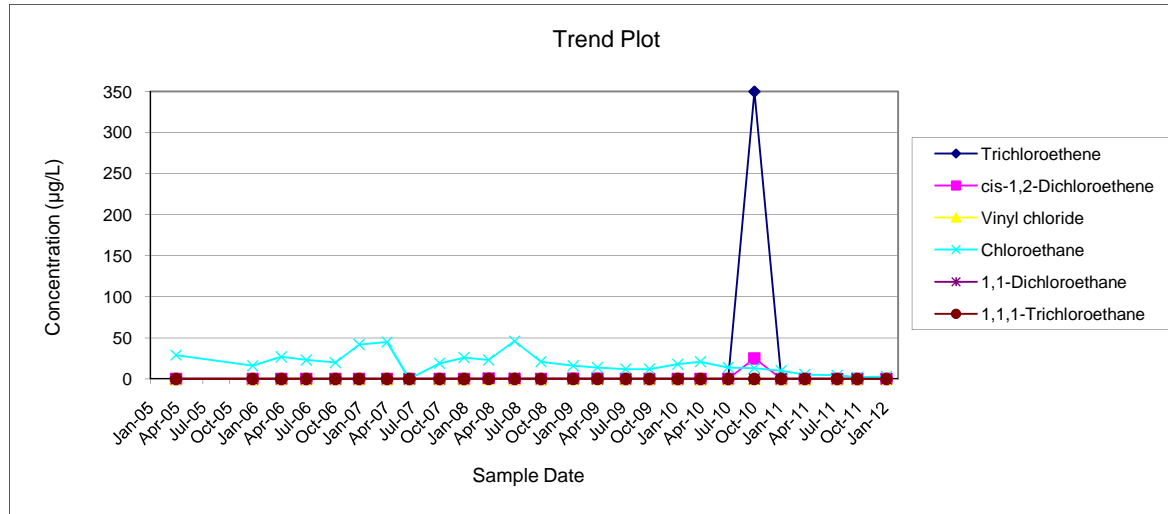
APPENDIX D

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
1/12/2012	<1	<1	<1	3	<1	<1

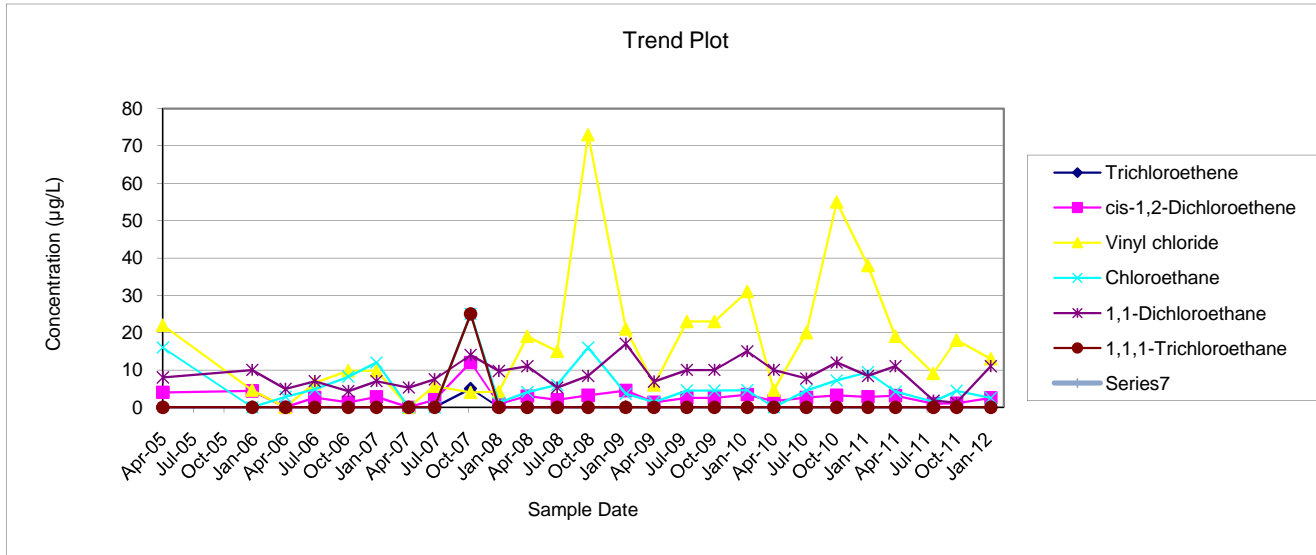
MONITORING WELL MW-2
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



**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

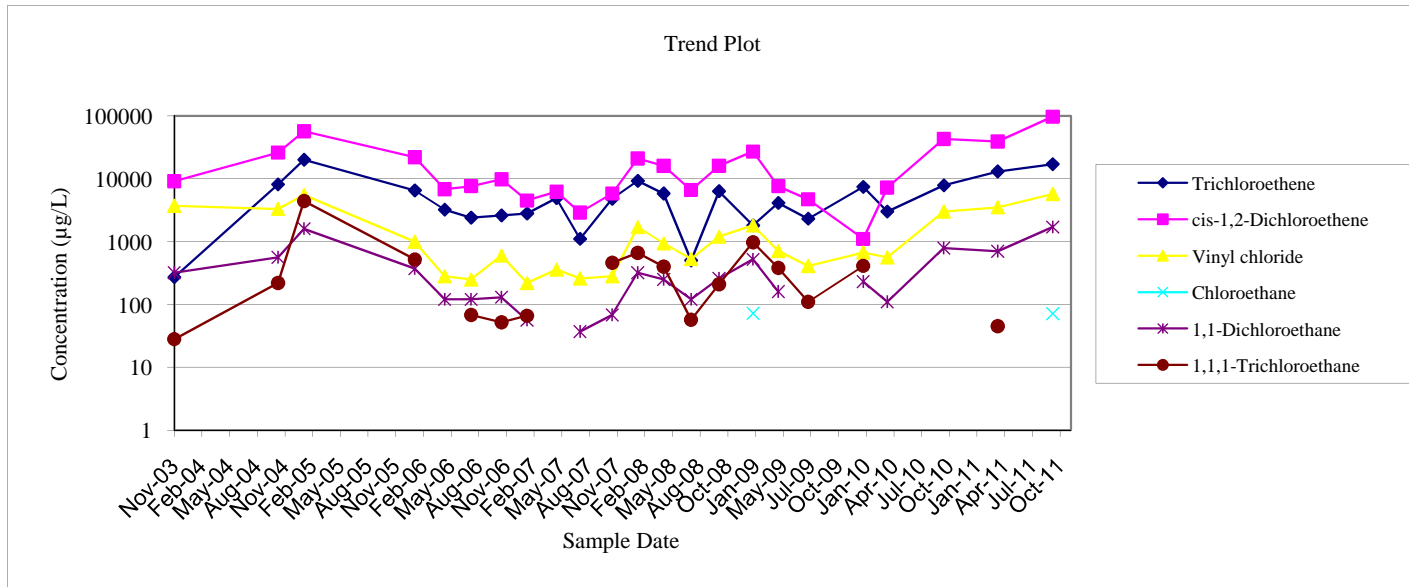
**MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**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

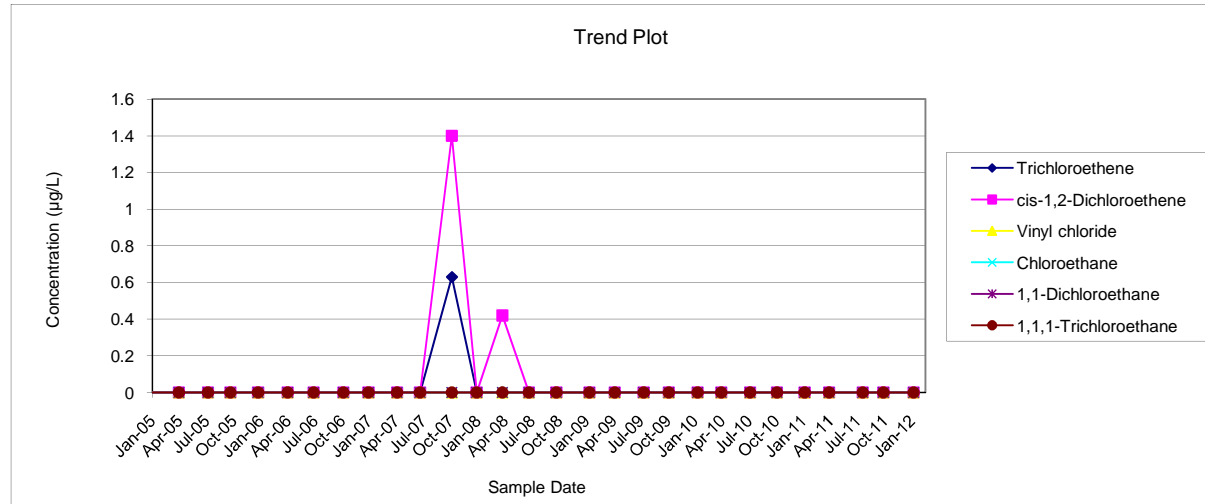
**MONITORING WELL MW-4
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**MONITORING WELL MW-6
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	< 10	< 10	< 10	< 10	< 10	< 6
10/12/2004	< 10	< 10	< 10	< 10	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/14/2005	< 10	< 10	< 10	< 10	< 10	< 10
7/21/2005	< 5	< 5	< 5	< 5	< 5	< 5
10/4/2005	< 5	< 5	< 5	< 5	< 5	< 5
1/5/2006	< 5	< 5	< 5	< 5	< 5	< 5
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5
7/10/2006	< 5	< 5	< 5	< 5	< 5	< 5
10/18/2006	< 5	< 5	< 5	< 5	< 5	< 5
1/10/2007	< 5	< 5	< 5	< 5	< 5	< 5
4/16/2007	< 5	< 5	< 5	< 5	< 5	< 5
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/17/2007	0.63	1.4	< 5	< 5	< 5	< 5
1/8/2008	<5	<5	<5	< 5	< 5	< 5
4/3/2008	<5	0.42	<5	<5	<5	<5
7/1/2008	<5	<5	<5	<5	<5	<5
10/1/2008	<5	<5	<5	<5	<5	<5
1/20/2009	<5	<5	<5	<5	<5	<5
4/15/2009	<5	<5	<5	<5	<5	<5
7/21/2009	<5	<5	<5	<5	<5	<5
10/13/2009	<5	<5	<5	<5	<5	<5
1/18/2010	<5	<5	<5	<5	<5	<5
4/7/2010	<5	<5	<5	<5	<5	<5
7/13/2010	<5	<5	<5	<5	<5	<5
10/11/2010	<5	<5	<5	<5	<5	<5
1/12/2011	<1	<1	<1	<1	<1	<1
4/4/2011	<1	<1	<1	<1	<1	<1
7/26/2011	<1	<1	<1	<1	<1	<1
10/3/2011	<1	<1	<1	<1	<1	<1
1/12/2012	<1	<1	<1	<1	<1	<1

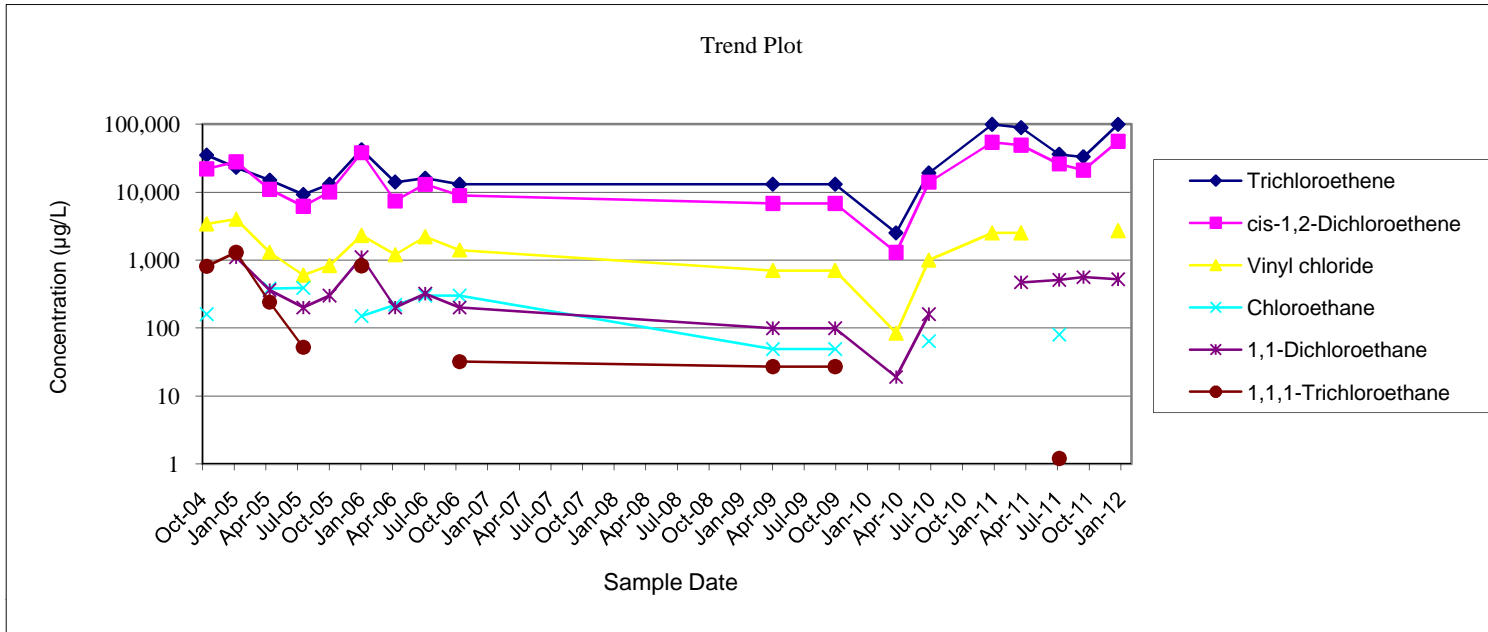
MONITORING WELL MW-6
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



**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
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

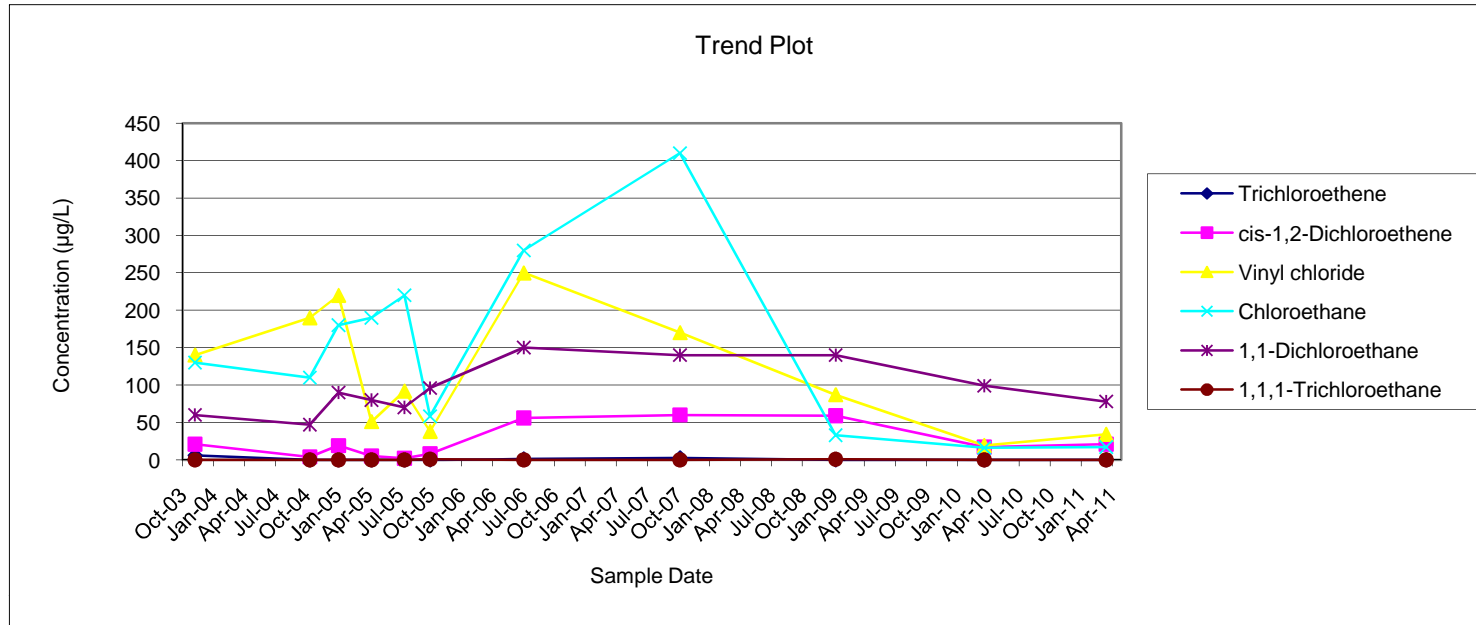
MONITORING WELL MW-8R
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



**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

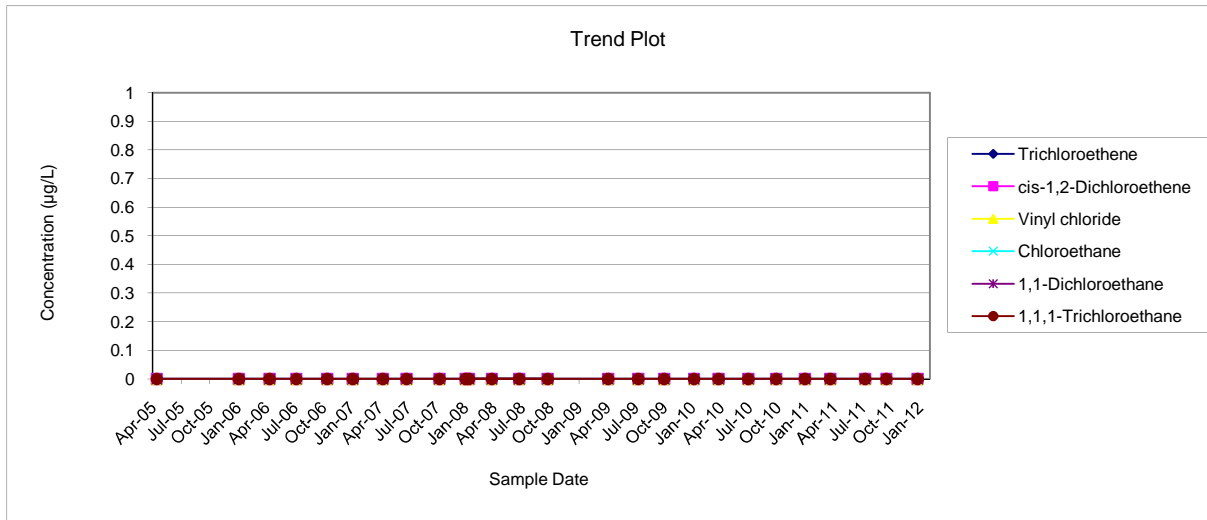
**MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



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

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	< 10	< 10	<10
1/5/2006	< 5	< 5	< 5	< 5	< 5	< 5
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5
7/10/2006	< 5	< 5	< 5	< 5	< 5	< 5
10/18/2006	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2007	< 5	< 5	< 5	< 5	< 5	< 5
4/16/2007	< 5	< 5	< 5	< 5	< 5	< 5
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/17/2007	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/3/2008	< 5	< 5	< 5	< 5	< 5	< 5
7/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
10/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
1/20/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/15/2009	< 5	< 5	< 5	< 5	< 5	< 5
7/21/2009	< 5	< 5	< 5	< 5	< 5	< 5
10/13/2009	< 5	< 5	< 5	< 5	< 5	< 5
1/18/2010	< 5	< 5	< 5	< 5	< 5	< 5
4/7/2010	< 5	< 5	< 5	< 5	< 5	< 5
7/13/2010	< 5	< 5	< 5	< 5	< 5	< 5
10/11/2010	< 5	< 5	< 5	< 5	< 5	< 5
1/12/2011	<1	<1	<1	<1	<1	<1
4/4/2011	<1	<1	<1	<1	<1	<1
7/26/2011	<1	<1	<1	<1	<1	<1
10/3/2011	<1	<1	<1	<1	<1	<1
1/12/2012	<1	<1	<1	<1	<1	<1

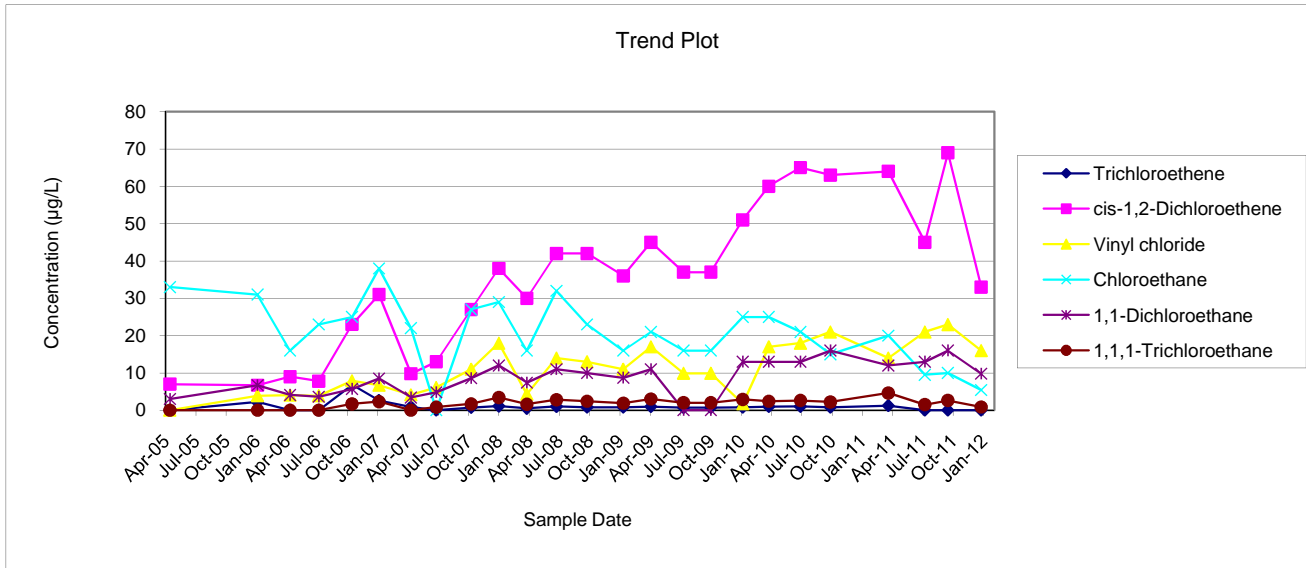
**MONITORING WELL MW-10
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**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

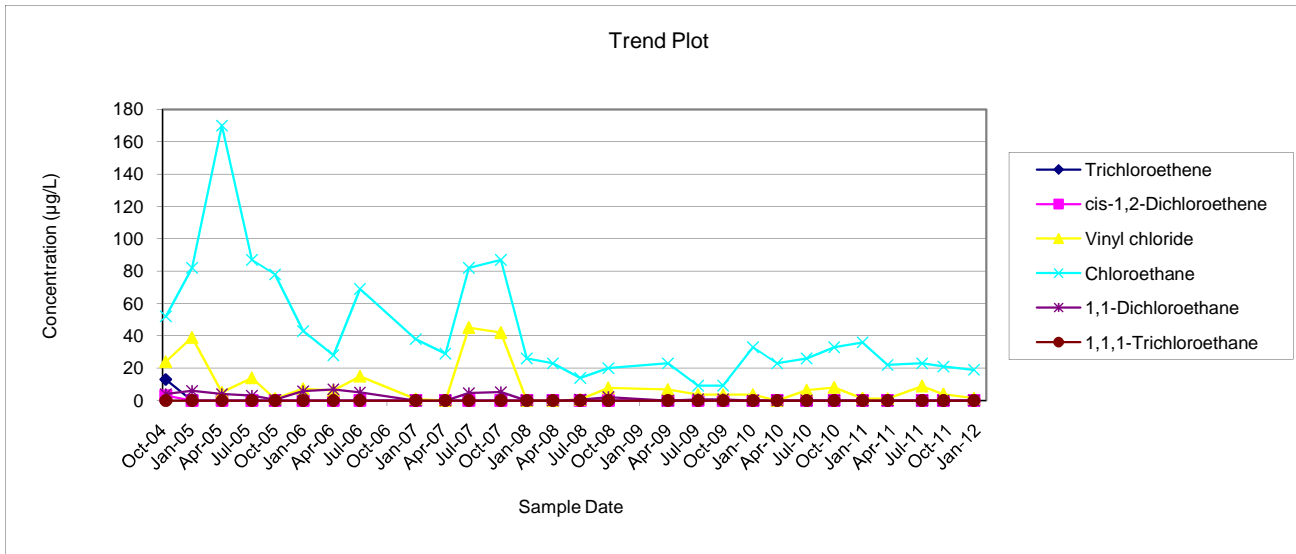
**MONITORING WELL MW-11
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



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

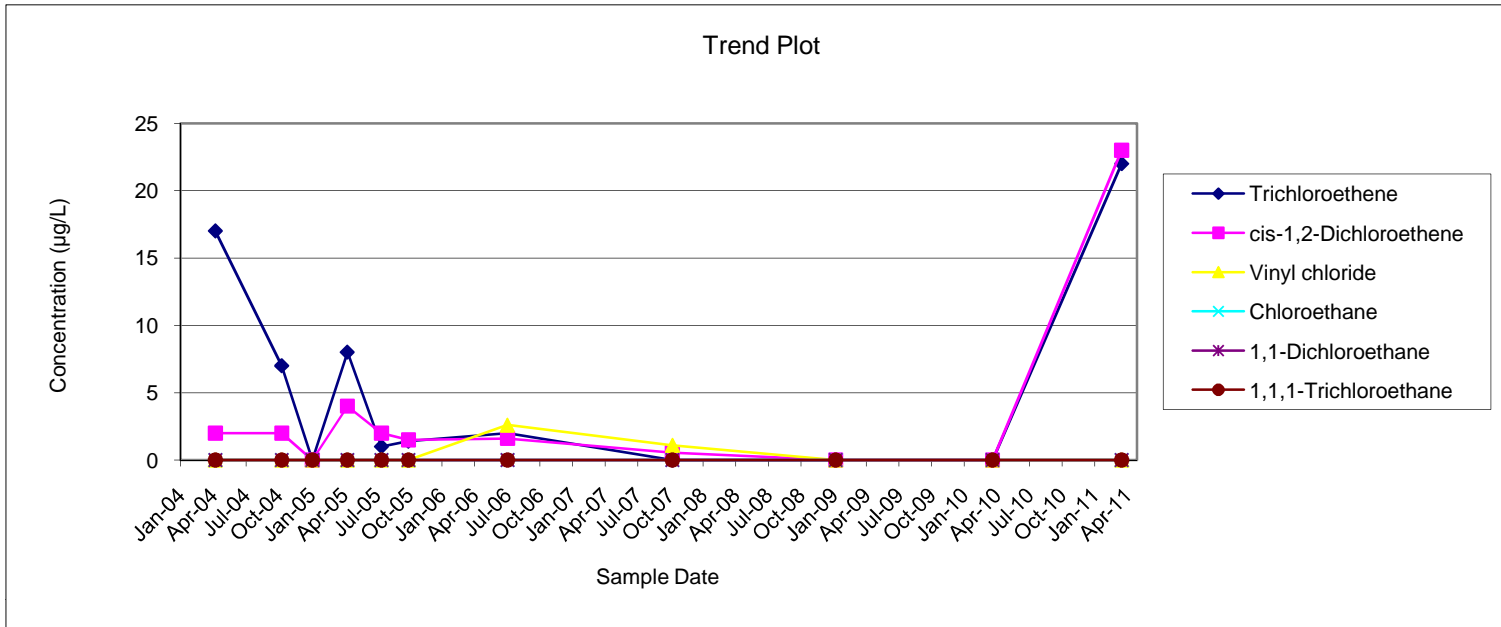
**MONITORING WELL MW-12
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**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

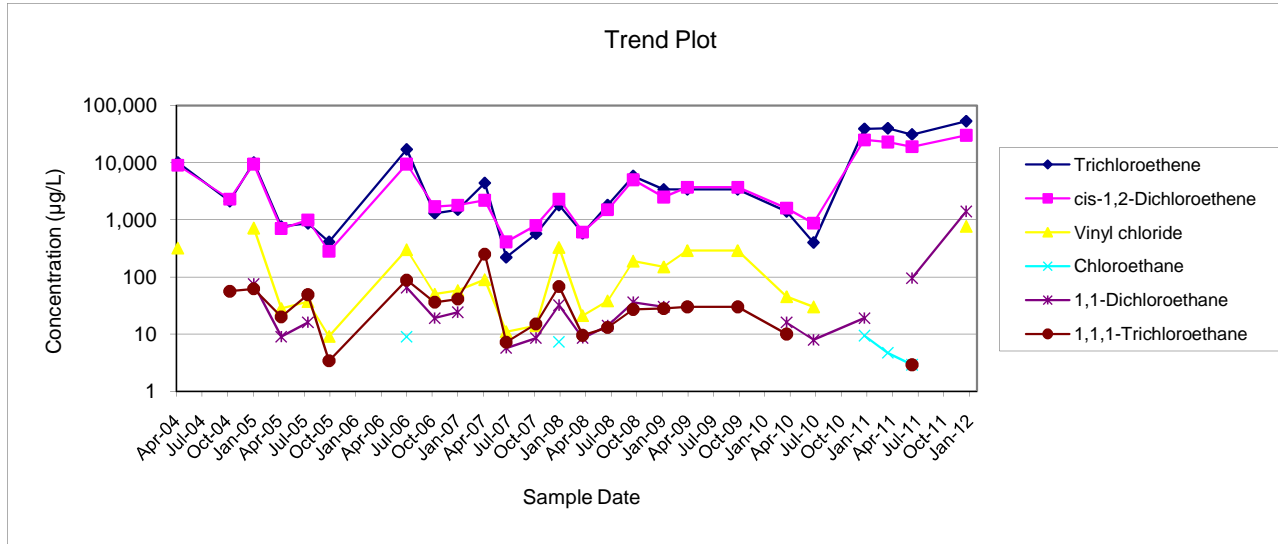
**PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



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

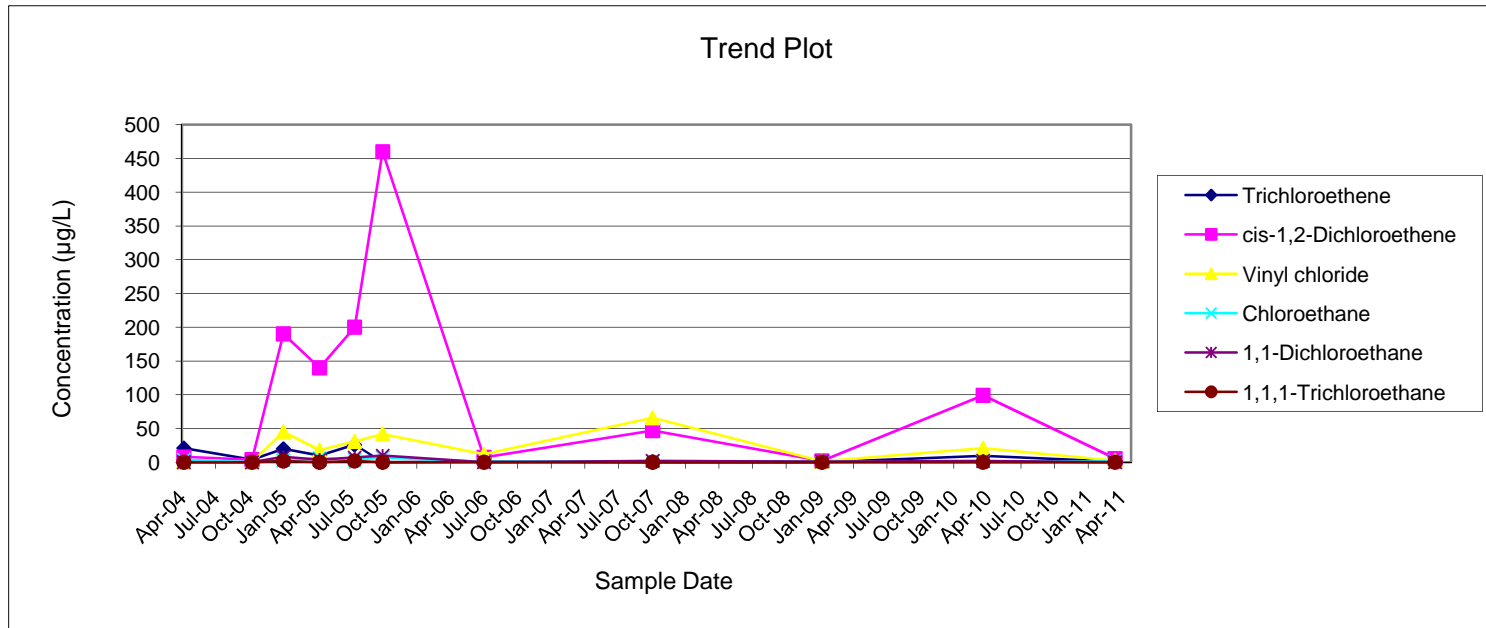
**PIEZOMETER MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**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

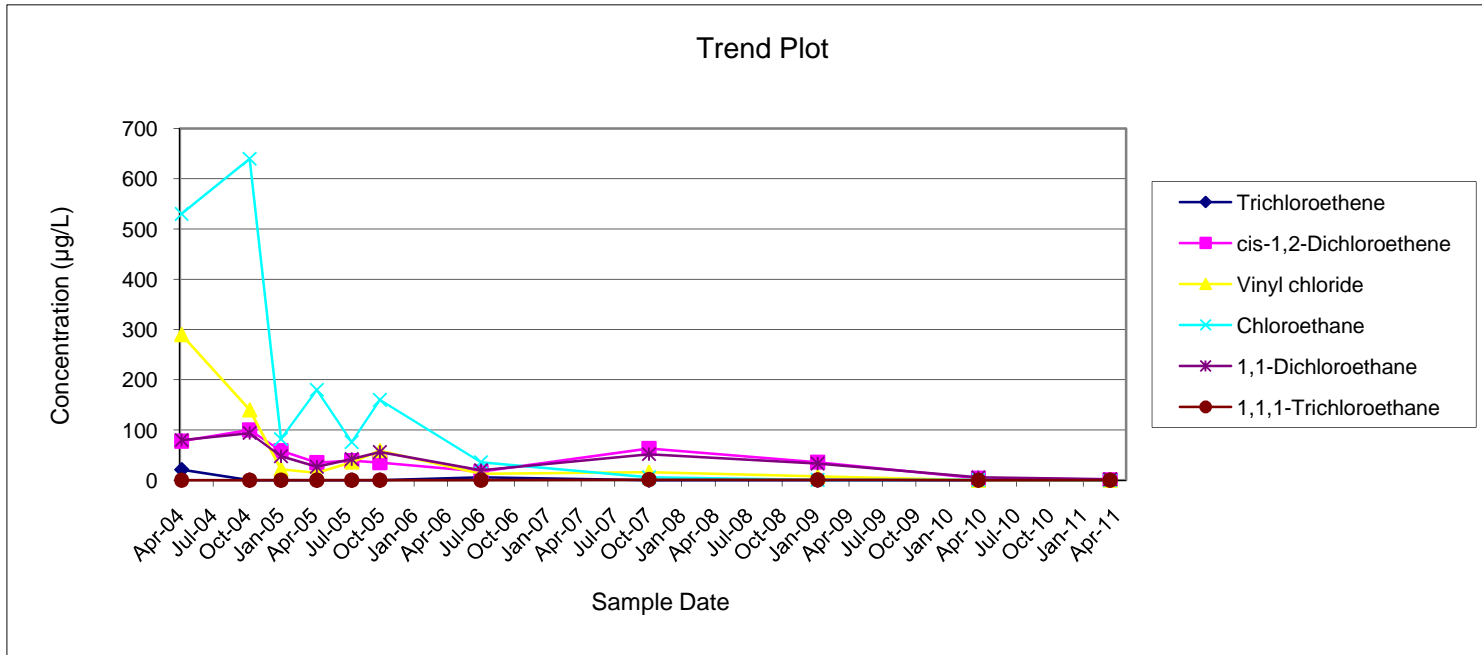
**PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

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	78	290	530	80	< 20
10/12/2004	< 10	100	140	640	94	< 10
1/6/2005	< 10	59	22	82	48	< 10
4/15/2005	< 10	35	15	180	27	< 10
7/20/2005	< 5	39	36	76	42	< 5
10/5/2005	< 5	35	59	160	56	<5
7/10/2006	5.7	17	13	36	20	< 25
10/15/2007	< 5	63	16	5.7	52	1.3
1/21/2009	0.38	36	7.9	0.87	33	0.63
4/8/2010	< 5	4	< 5	0.62	5.9	<5
4/5/2011	< 1	1.1	<1	<1	1.9	<1

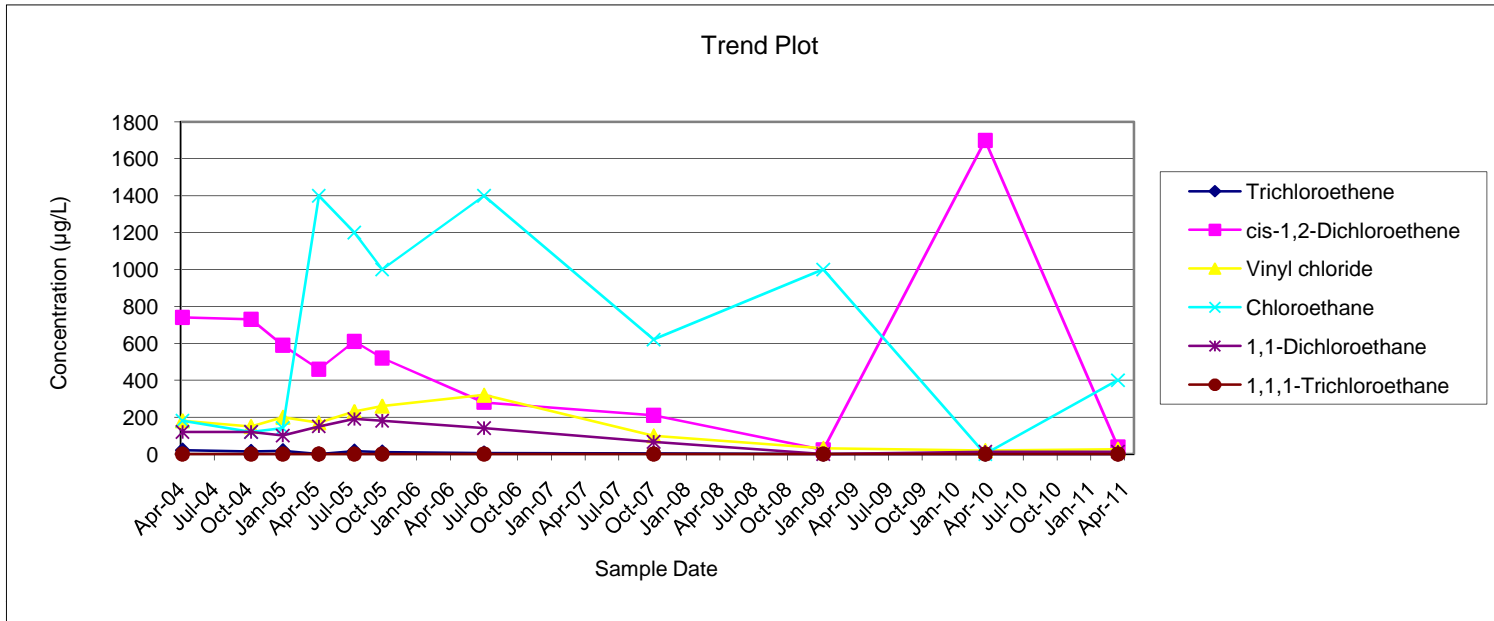
**PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**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

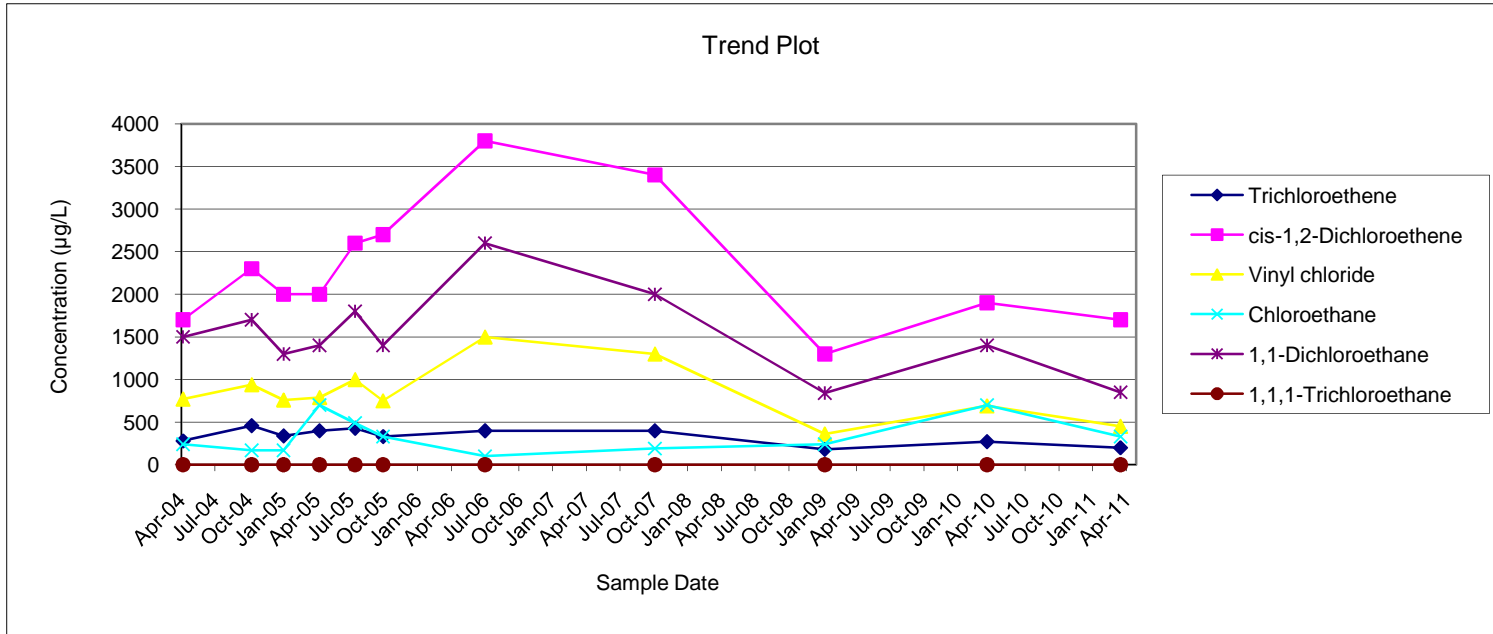
**PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



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

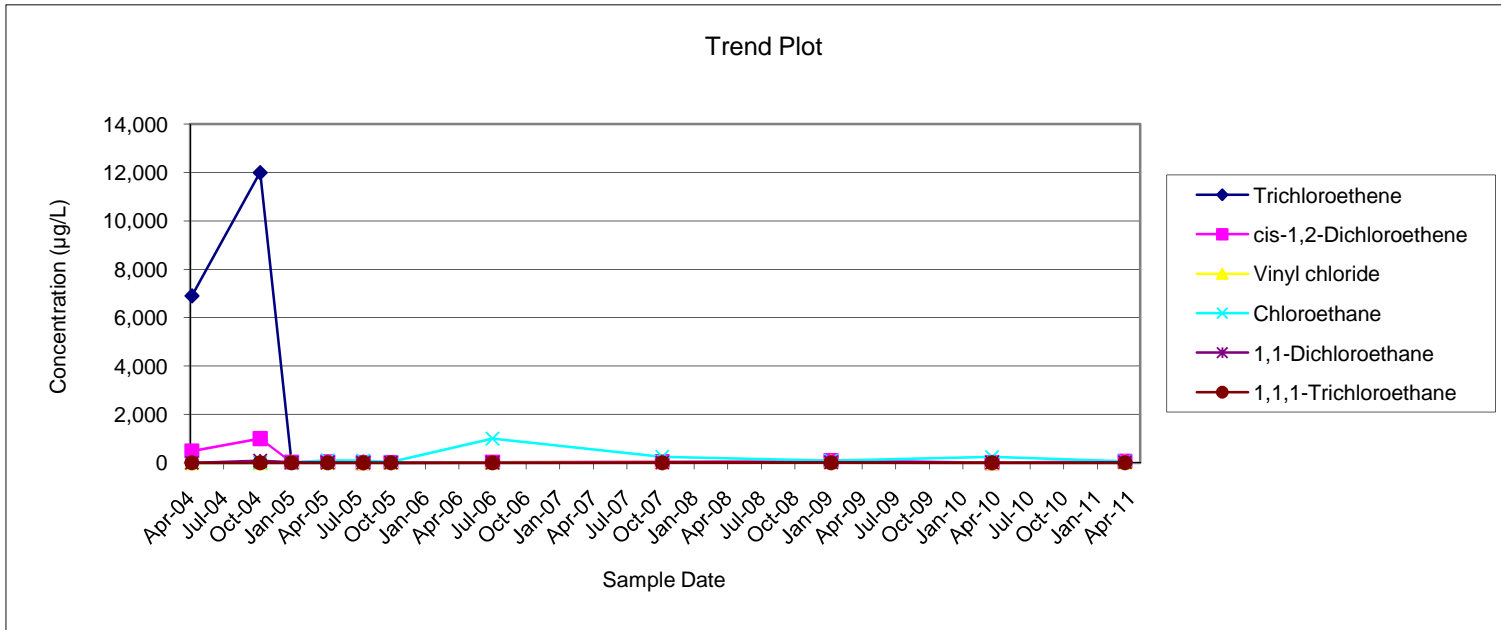
**PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



**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

**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

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