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February 14, 2013

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

**Subject: First Quarter 2013 Groundwater Monitoring Report
January 2013 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 2013 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 as specified in Table 10, which was presented in the Periodic Review Report (PRR) (April 7, 2011 through April 3, 2012), dated May 2012. The wells sampled during this groundwater monitoring event reflect this new schedule. Additionally, vapor samples were collected as part of the October 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 to NYSDEC on November 21, 2003, and the document was approved by NYSDEC on January 5, 2004.

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

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

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

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

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

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

Per a letter from NYSDEC dated August 16, 2010, an Institutional Controls/Engineering Controls (IC/EC) certification will, as of that correspondence, be required for the site 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 2012 through July 2013). The NYSDEC letter also stated that, as of that correspondence, the RAER should be

revised into a PRR. Therefore, the sixth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 8, 2010 through April 7, 2011) and submitted to NYSDEC in June 2011. The seventh year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2011 through April 3, 2012) and submitted to NYSDEC in May 2012. An IC/EC certification was included with the two previous PRRs.

Quarterly Groundwater Monitoring Activities – January 2013

AECOM personnel collected quarterly groundwater samples on January 21, 2013, in accordance with the procedures outlined in the NYSDEC-approved RDWP. Monitoring wells sampled in January 2013 included MW-2, MW-3, MW-4, MW-6, MW-10, MW-11, MW-12, and MW-16S (**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, groundwater levels were measured in all site wells and piezometers. **Table 2** provides a summary of groundwater elevations measured on January 21, 2013. A summary of current and historical groundwater levels and corresponding elevations and hydrographs for each monitoring well and nested piezometer pair are provided in **Appendix B**. Monitoring wells MW-2, MW-3, MW-6, MW-8R, MW-9, MW-10, MW-11, and MW-12 are screened across both the shallow and deep overburden groundwater zones. The nested piezometer pairs (MW-13S/D, MW-14S/D, MW-15S/D, and MW-16S/D) are discretely screened with one piezometer screened in the shallow overburden groundwater zone ('S' designation) and one piezometer screened in the deep overburden groundwater zone ('D' designation). **Figure 4** provides the groundwater surface contours and the corresponding groundwater flow direction using monitoring well and deep piezometer water elevation data collected on January 21, 2013.

Groundwater elevations measured on January 21, 2013 ranged from 687.52 feet above mean sea level (AMSL) at MW-15S to 669.38 feet AMSL at MW-4. The average groundwater surface elevation across the site was 0.05 feet lower when compared to the prior round of groundwater measurements collected on October 11, 2012. Based on the January 2013 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 migrate off-site.

Groundwater Quality Results – January 2013

Table 3 summarizes VOC data for groundwater samples collected in January 2013. 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 2013**

VOCs Detected in Groundwater	Concentration Range (µg/L)	Number of Detections	Remedial Action Objective/NYCRR Exceedances
Chloroethane	7.6 – 2,900	6	6
Vinyl chloride	6.0 – 9,300	4	4
1,1-Dichloroethane	5.6 – 2,200	4	4
cis-1,2-Dichloroethene	3.3 – 95,000	4	3
Trichloroethene	0.89 – 240,000	4	2
1,1-Dichloroethene	0.64 – 2,400	3	2
Trans-1,2-Dichloroethene	650 - 820	2	2
1,1,1-Trichloroethane	98 – 7,200	2	2
Toluene	42 – 1,110	2	2
Tetrachloroethene	560	1	1
Benzene	1.1	1	1
Carbon Disulfide	0.22	1	0
1,2-Dichloroethane	0.31	1	0

Thirteen VOCs were detected in groundwater above their associated detection limit during the monitoring period. Eleven of the thirteen VOCs detected exceeded either the site-specific RAOs for groundwater or the NYCRR criteria. The most prevalent compounds detected in groundwater in January 2013 included chloroethane, vinyl chloride (VC), 1,1-dichloroethane (1,1-DCA), cis-1,2-dichloroethene (cis-1,2-DCE), trichloroethene, and 1,1-dichloroethene (1,1-DCE). 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 2013 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, which 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-Trichloroethane (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 previously performed chemical oxidation injection pilot test. The occurrence of these daughter products appears to be directly related to the distribution of TCE and 1,1,1-TCA in the subsurface.

Historical trend plots for the wells sampled during this quarter for concentrations of TCE, cis-1,2-DCE, VC, 1,1,1-TCA, 1,1-DCA, and chloroethane are provided in **Appendix D**. As stated above, the VOC concentrations in groundwater continue to show a degradation trend as a result of naturally occurring reductive dechlorination processes and potentially as a result of the chemical oxidation injection pilot test. Additionally, historical concentrations of VOCs in soil vapor and groundwater are also decreasing as a result of extraction and treatment through the combined DPE remediation system. Because TCE is considered the primary source of groundwater contamination

at the site, a summary of historical and current TCE concentrations in groundwater for the eight monitoring wells and piezometers sampled in January 2013 is included in **Table 4**. Recall that the DPE component of the combined remediation system was started May 14, 2004, and the chemical oxidation injection pilot test with a first series of injections was performed between July and October 2010, and a second series of injections performed between June and October 2011.

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

Table 4 shows a summary of historical and current TCE concentrations. Based on the January 2013 groundwater data, there were increases in TCE concentrations at MW-4 and MW-16S from the previous groundwater sampling event and a decrease in TCE concentration at MW-16S compared to the baseline groundwater sampling event. In addition, there were detections of TCE in MW-2 and MW-3 that were below 1 µg/L and “J” valued (i.e., estimated as the values were below the method detection level). Overall, decreases in TCE concentrations observed since the combined DPE groundwater remediation system was installed in May 2004 indicates the system continues to reduce VOC concentrations in overburden groundwater and soil at the site.

Quarterly Combined DPE Remediation System Vapor Effluent Monitoring Activities – January 2013

AECOM personnel collected vapor effluent samples from the combined DPE groundwater remediation system vapor discharge stacks on January 21, 2013. 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 EPA Method TO-15 (modified TO-14A) by Test America Laboratories, Inc. located in Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – January 2013

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). Eight VOCs were detected in the combined DPE remediation system LRP effluent, and eighteen VOCs were detected in the AS unit effluent. The total VOCs discharged were 99,890 micrograms per cubic meter (µg/m³) in the LRP effluent and 450 µg/m³ in the AS unit effluent. The calculated VOC discharge-loading rate for the combined DPE remediation system was approximately 0.0202 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:

- Winterized DPE trailer and performed repairs to GWCT pump, liquid ring pump, and knockout tank.

- Performed quarterly system cleaning and replaced knockout tank transfer pump. Also cleaned totalizers and conveyance piping from DPE system to AS.
- On January 21, 2013, AECOM and subcontractor Heritage WTI completed a hazardous waste pickup.
- Dismantled the LRP to troubleshoot vibration issues with pump, and met with pump representative during the week of January 28, 2013.

The combined DPE remediation system was operational throughout the monitoring period with occasional interruptions. Based on a system operational period from October 12, 2012 (fourth quarter groundwater sampling event) to January 21, 2013, the total combined DPE system runtime was approximately 80.5 percent. This runtime percentage was derived by dividing the LRP run timer (39,461.7 hours on January 21, 2013 minus 37,491 hours on October 11, 2012 equals 1,970 hours) by the duration of the monitoring period (2,448.5 hours). During this operational period, the estimated total volume of groundwater treated and discharged by the AS unit to the local sanitary sewer was 126,181 gallons at a combined average flow rate of 1.07 gpm.

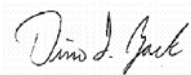
Summary

The combined DPE remediation system (DPE and GWCT) was fully operational during First Quarter 2013 groundwater sampling and monitoring activities that occurred on January 21 and 22, 2013. 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 2013 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 2013 were substantially less than the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event is scheduled for April 2013; 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

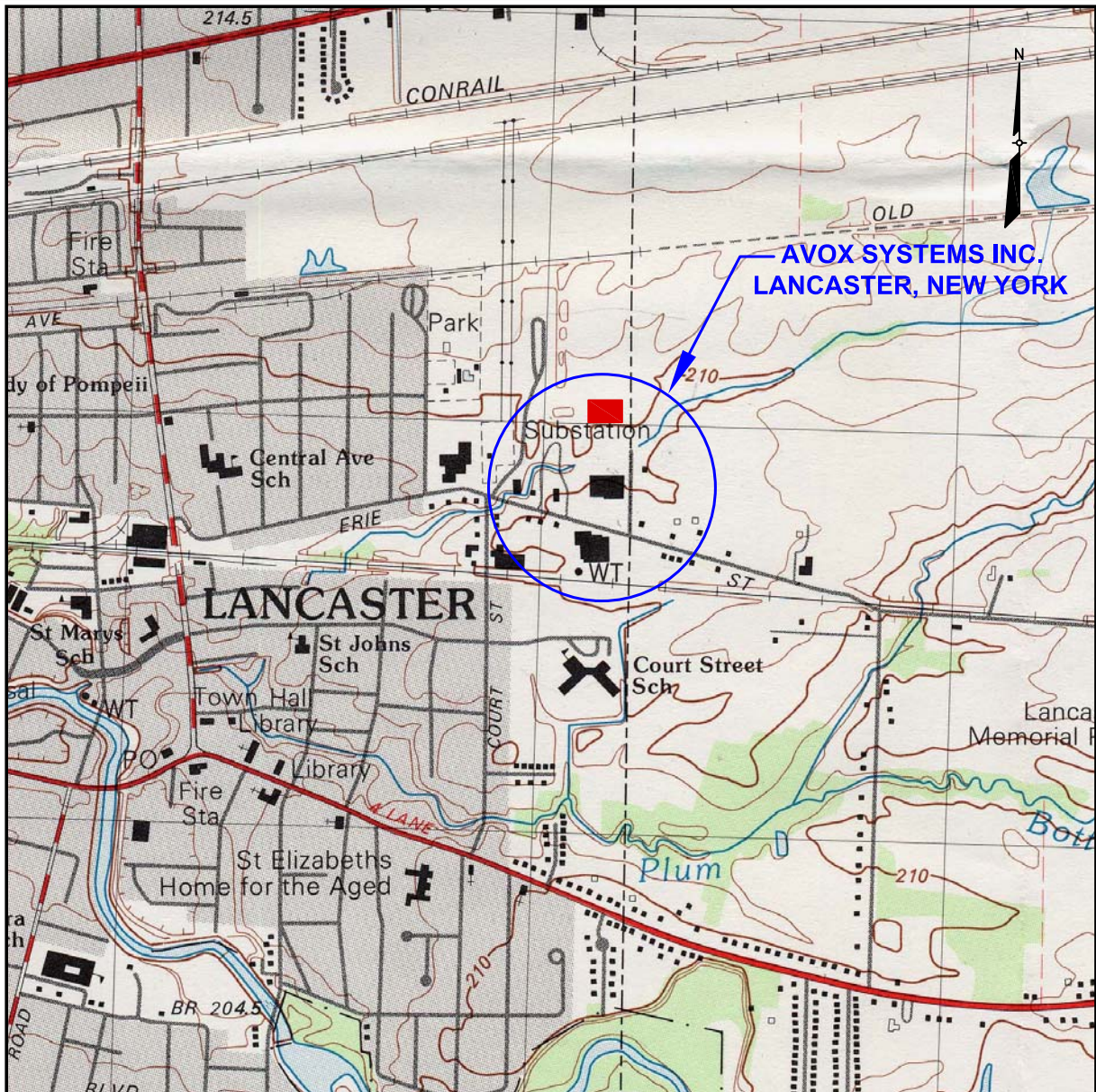


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\Enclosures

cc: Deanna Ripstein, NYSDOH – Western Regional Office (Electronic Copy)
Jennifer Davide, AVOX Systems Inc. (Electronic Copy)
Stuart Rixman, Tyco International (Electronic Copy)
Joseph Janeczek, Tyco International (Electronic Copy)
Eric Frauen, O&M, Inc. (Electronic Copy)
AECOM Project File (Electronic Copy)

FIGURES



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

LEGEND

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

0 1000 2000
SCALE IN FEET

AECOM

**FIGURE 1
SITE LOCATION MAP**

FORMER SCOTT AVIATION FACILITY AREA 1
LANCASTER, NEW YORK

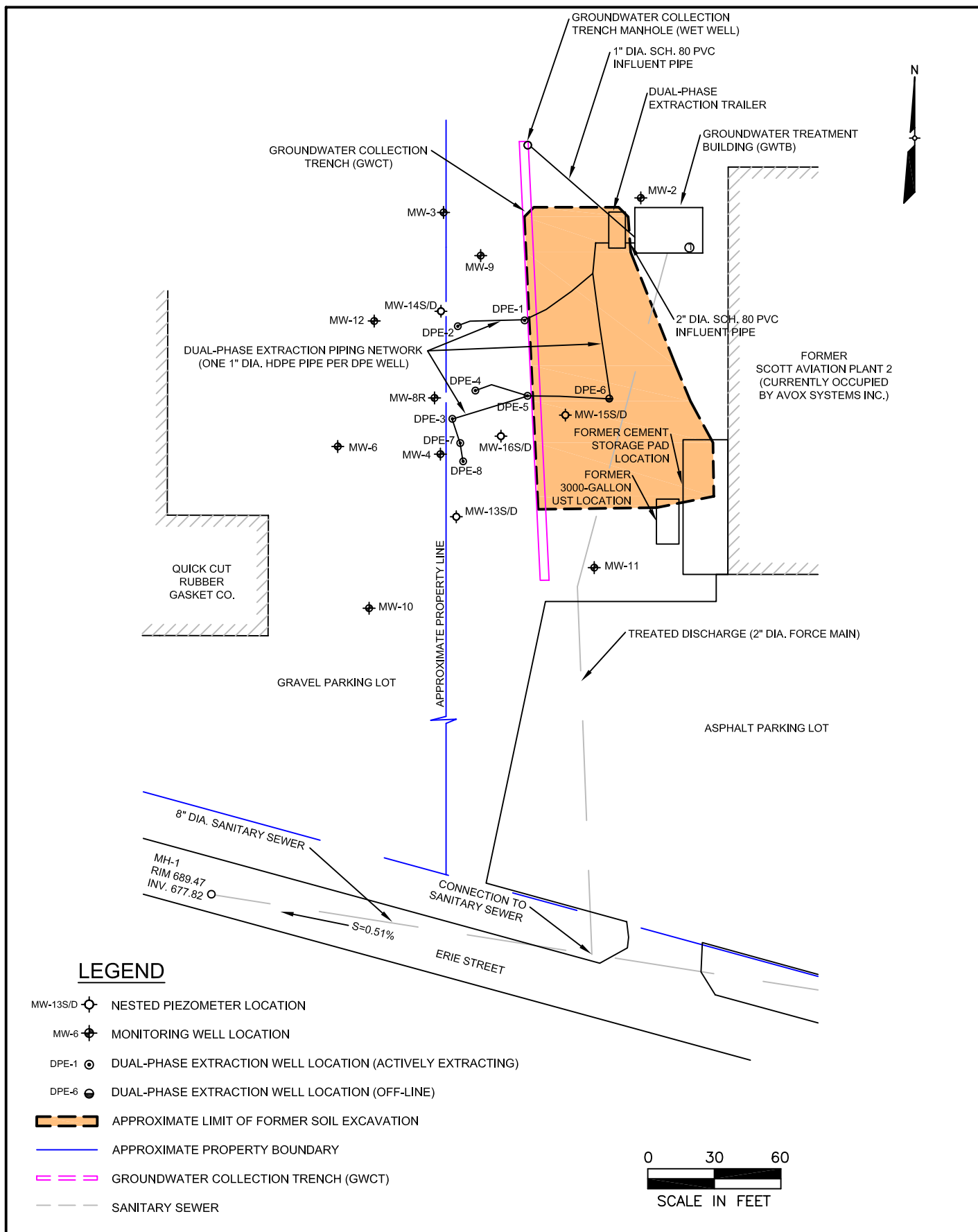
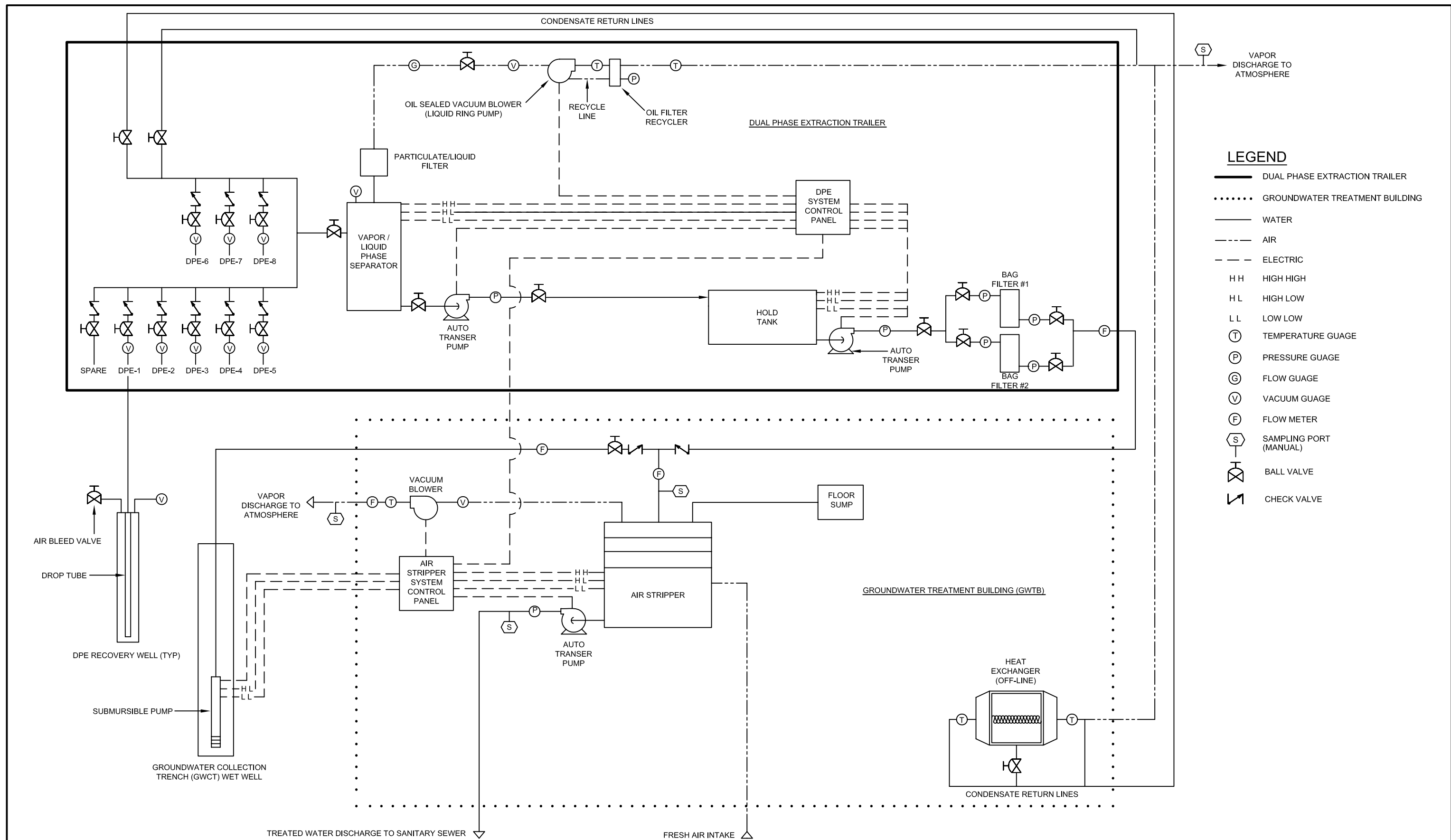


FIGURE 2
SITE FEATURES MAP

FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

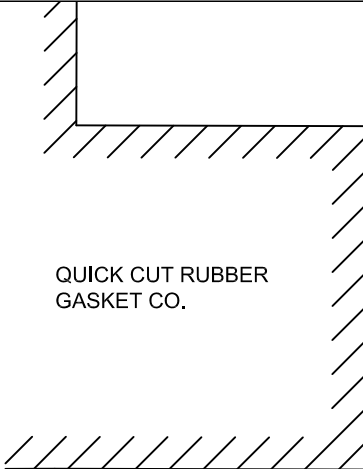


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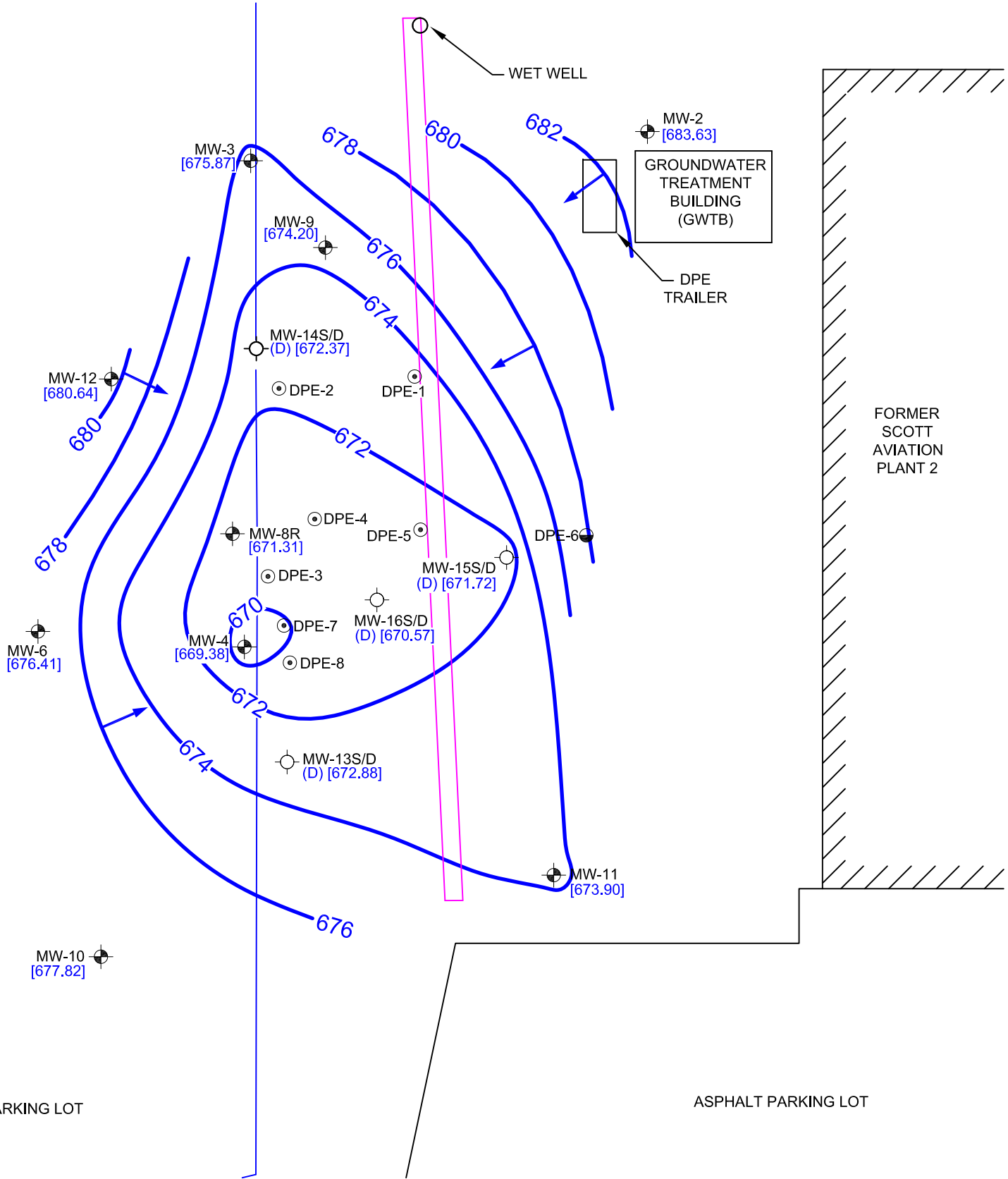
FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM
FOR COMBINED DUAL PHASE EXTRACTION
REMEDATION SYSTEM
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

Quarterly Groundwater Monitoring Water Level Data - January 21, 2013			
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	6.72	683.63
MW-3	687.02	11.15	675.87
MW-4	686.42	17.04	669.38
MW-6	686.53	10.12	676.41
MW-8R	686.21	14.90	671.31
MW-9	688.64	14.44	674.20
MW-10	687.41	9.59	677.82
MW-11	688.65	14.75	673.90
MW-12	686.15	5.51	680.64
Nested Piezometers			
MW-13S	686.60	9.60	677.00
MW-13D	686.73	13.85	672.88
MW-14S	685.70	5.15	680.55
MW-14D	685.82	13.45	672.37
MW-15S	687.52	0.00	687.52
MW-15D	687.62	15.90	671.72
MW-16S	685.84	7.85	677.99
MW-16D	686.01	15.44	670.57

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
NA - Not available



GRAVEL PARKING LOT



LEGEND

MW-13S/D

NESTED PIEZOMETER LOCATION

MW-9

MONITORING WELL LOCATION

DPE-8

DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)

DPE-2

DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)

[671.72]

GROUNDWATER SURFACE ELEVATION IN FEET MSL

680

ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET MSL

GROUND WATER FLOW DIRECTION

(D)

DEEP PIEZOMETER

GROUNDWATER COLLECTION TRENCH (GWCT)

APPROXIMATE PROPERTY BOUNDARY

- NOTES
1.

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.
2.

GROUNDWATER WATER LEVELS WERE COLLECTED ON JANUARY 21, 2013.

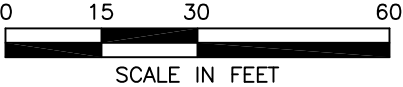


FIGURE 4
GROUNDWATER SURFACE CONTOUR MAP
JANUARY 2013
DEEP OVERBURDEN GROUNDWATER LEVELS
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



TABLES

Table 1

**Groundwater Monitoring Schedule - April 2013 through January 2014
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 2013 (Annual)	17	MW-2 MW-8R MW-12 MW-14D MW-16D	MW-3 MW-9 MW-13S MW-15S	MW-4 MW-10 MW-13D MW-15D	MW-6 MW-11 MW-14S MW-16S
July 2013 (Quarterly)	8	MW-2 MW-10	MW-3 MW-11	MW-6 MW-12	MW-8R MW-13S
October 2013 (Quarterly)	8	MW-2 MW-10	MW-3 MW-11	MW-4 MW-12	MW-6 MW-16S
January 2014 (Quarterly)	8	MW-2 MW-10	MW-3 MW-11	MW-6 MW-12	MW-6 MW-13S

Notes:

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

Table 2

**Quarterly Groundwater Monitoring Water Level Data - January 21, 2013
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	6.72	683.63
MW-3	687.02	11.15	675.87
MW-4	686.42	17.04	669.38
MW-6	686.53	10.12	676.41
MW-8R	686.21	14.90	671.31
MW-9	688.64	14.44	674.20
MW-10	687.41	9.59	677.82
MW-11	688.65	14.75	673.90
MW-12	686.15	5.51	680.64
Nested Piezometers			
MW-13S	686.60	9.60	677.00
MW-13D	686.73	13.85	672.88
MW-14S	685.70	5.15	680.55
MW-14D	685.82	13.45	672.37
MW-15S	687.52	0.00	687.52
MW-15D	687.62	15.90	671.72
MW-16S	685.84	7.85	677.99
MW-16D	686.01	15.44	670.57

Notes:

TOC - Top of Casing

AMSL - Above Mean Sea Level

NA - Not available

Table 3

Summary of Laboratory Analytical Data for Groundwater - January 2013
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID Date Collected Lab Sample ID	Groundwater RAO/ NYCRR Objectives	MW-2 01/21/13 480-31886-6	MW-3 01/21/13 480-31886-7	MW-4 01/21/13 480-31886-8	MW-6 01/21/13 480-31886-9
Volatile Organic Compounds by Method 8260 (µg/L)					
1,1,1-Trichloroethane	5	< 1 U	< 1 U	98	< 1 U
1,1-Dichloroethane	5	< 1 U	12	1,600	< 1 U
Toluene	5	< 1 U	< 1 U	42	< 1 U
1,1-Dichloroethene	5	< 1 U	< 1 U	790	< 1 U
Benzene	1	< 1 U	< 1 U	< 40 U	< 1 U
Chloroethane	5	10	7.6	100	< 1 U
cis-1,2-Dichloroethene	5	< 1 U	3.3	95,000	< 1 U
Trichloroethene	5	0.89 J	0.98 J	40,000	< 1 U
Vinyl chloride	2	< 1 U	6.7	5,100	< 1 U
Carbon Disulfide	60	< 1 U	< 1 U	< 40 U	< 1 U
1,2-Dichloroethane	0.6	< 1 U	< 1 U	< 40 U	< 1 U
Tetrachloroethene	5	< 1 U	< 1 U	< 40 U	< 1 U
trans-1,2-Dichloroethene	5	< 1 U	< 1 U	650	< 1 U

Sample ID Date Collected Lab Sample ID	Groundwater RAO/ NYCRR Objectives	MW-10 01/21/13 480-31886-2	MW-11 01/21/13 480-31886-3	MW-12 01/21/13 480-31886-4	MW-16S 01/21/13 480-31886-5
Volatile Organic Compounds by Method 8260 (µg/L)					
1,1,1-Trichloroethane	5	< 1 U	< 1 U	< 1 U	7,200
1,1-Dichloroethane	5	< 1 U	5.6	< 1 U	2,200
Toluene	5	< 1 U	< 1 U	< 1 U	1,100
1,1-Dichloroethene	5	< 1 U	0.64 J	< 1 U	2,400
Benzene	1	< 1 U	< 1 U	1.1	< 800 U
Chloroethane	5	< 1 U	8.2	38	2,900
cis-1,2-Dichloroethene	5	< 1 U	23	< 1 U	79,000
Trichloroethene	5	< 1 U	< 1 U	< 1 U	240,000
Vinyl chloride	2	< 1 U	6	< 1 U	9,300
Carbon Disulfide	60	< 1 U	0.22 J	< 1 U	< 800 U
1,2-Dichloroethane	0.6	< 1 U	< 1 U	0.31 J	< 800 U
Tetrachloroethene	5	< 1 U	< 1 U	< 1 U	560 J
trans-1,2-Dichloroethene	5	< 1 U	< 1 U	< 1 U	820

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 - January 2013
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

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

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 - January 2013
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
	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	Apr 2012 ⁴	Jul 2012 ⁴	Oct 2012 ⁴	Jan 2013 ⁴		
MW-2	<5	<5	<5	<5	<25	<25	<25	350 ⁶	<1	<1	<1	<1	<1	<1	<1	<1	0.89	increase	increase
MW-3	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	0.98	increase	increase
MW-4	19,000	4,100	2,300	NS	7,400	3,000	NS	7,800	NS	13,000	NS	17,000	NS	39,000	15,000	NS	40,000	increase	increase
MW-6	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-8R	8,400	13,000	NS	1,400	NS	2,500	19,000	NS	99,000	89,000	36,000	33,000	99,000	99,000	NS	89,000	NS	NS	NS
MW-10	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW- 11	0.77	0.95	0.69	0.97	0.77	0.95	1	0.8	NS	1.2	<1	<1	<1	0.51	<1	<1	<1	ND	ND
MW-12	NA	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-13S	3,400	3,400	NS	400	NS	1,400	400	NS	39,000	40,000	31,000	NS	53,000	39,000	NS	41,000	NS	NS	NS
MW-16S	92,000	130,000	87,000	NS	22,000	220,000	NS	300,000	NS	250,000	NS	190,000	NS	250,000	170,000	NS	240,000	increase	72%

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 2013
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

	Sample ID: Sample Date:	LRP Effluent 1/21/2013	AS Effluent 1/21/2013
<u>VOCs by Method TO-15 (µg/m³)</u>			
Vinyl chloride		1,800	70
Dichlorodifluoromethane		U	3.0
Chloromethane		U	1.3
Trichlorofluoromethane		U	1.3
Xylene (total)		U	2.6
Methyl Ethyl Ketone			1.8
Acetone		U	13
Carbon disulfide			2.9
n-Hexane		U	1.3
n-Heptane		U	0.97
1,1-Dichloroethane		1,000	10
1,1-Dichloroethene		240	0.82
trans-1,2-Dichloroethene		100	1.3
cis-1,2-Dichloroethene		39,000	210
Chloroethane		U	34
Trichloroethene		57,000	90
Toluene		130	4.9
Benzene		U	1
1,1,1-Trichloroethane		620	U
Total Detected VOCs (µg/m ³)		99,890	450
Vacuum (inches Hg)*		24	0.26
Air Flow Rate (acfm)*		53	185
VOC discharge loading (lb/hr)		0.0199	0.0003
Total VOC discharge loading (lb/hr)		0.0202	

Notes:

* The LRP flow rate used for the calculation was recorded during the sampling activity (54 scfm, 24 in. Hg) on January 21, 2013.

* The air stripper vacuum measured on that day was 3.5 inches H₂O and the flow rate was 190 scfm on January 21, 2013.

1. µg/m³ = 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)	<u>1/21/2013</u>		Casing Diameter	<u>2</u>	inches
Field Personnel	<u>E. Laity</u>		Casing Material	<u>PVC</u>	
Site Name	<u>Former Scott Aviation Site - Lancaster, NY</u>		Measuring Point Elevation	<u>690.35</u>	1/100 ft
Job #	<u>60242861</u>		Height of Riser (above land surface)		1/100 ft
Well ID #	<u>MW-2</u>		Land Surface Elevation		1/100 ft
	☐ Upgradient	☐ Downgradient	Screened Interval (below land surface)	<u>7-17</u>	1/100 ft
Weather Conditions	<u>flurries</u>				
Air Temperature	<u>20</u>	° F			
Total Depth (TWD) Below Top of Casing =	<u>16.4</u>	1/100 ft			
Depth to Groundwater (DGW) Below Top of Casing =	<u>6.72</u>	1/100 ft			
Length of Water Column (LWC) = TWD - DGW =	<u>9.68</u>	1/100 ft			
1 Casing Volume (OCV) = LWC x	<u>0.163</u>	=			gal
3 Casing Volumes =					gal
Method of Well Evacuation	<u>Peristaltic Pump</u>				
Method of Sample Collection	<u>Peristaltic Pump/Poly Tubing</u>				
Total Volume of Water Removed	<u>3</u>	liter			

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

	100	100	100	100				
Flow Rate (ml/min)	100	100	100	100				
Time (Military)	9:30	9:35	9:40	9:45				
Depth to Groundwater Below Top of Casing (ft)	7.8	8.1	8.25	8.45				
Drawdown (ft)	-1.08	-0.3	-0.15	-0.2				
pH (S.U.)	6.67	6.58	6.56	6.55				
Sp. Cond. (mS/cm)	1787	1790	1790	1787				
Turbidity (NTUs)	21.7	28	28.3	26				
Dissolved Oxygen (mg/L)	0.29	0.24	0.18	0.11				
Water Temperature (°C)	9.6	9.5	9.8	9.6				
ORP (mV)	270.9	260.3	251.5	246.2				

Physical appearance at start	Color	<u>clear</u>	Physical appearance at sampling	Color	<u>clear</u>
	Odor	<u>no</u>		Odor	<u>no</u>
Sheen/Free Product	<u>no</u>		Sheen/Free Product	<u>no</u>	

COMMENTS/OBSERVATIONS Start purging @ 9:25. Set tubing at center of well screen. Sample time @ 9:50. Small amount of iron bacteria at start of pumping.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	1/21/2013	
Field Personnel	E. Laity	
Site Name	Former Scott Aviation Site - Lancaster, NY	
Job #	60242861	
Well ID #	MW-3	
	Upgradient	Downgradient
Weather Conditions	snowing	
Air Temperature	20	° F
Total Depth (TWD) Below Top of Casing =	28	1/100 ft
Depth to Groundwater (DGW) Below Top of Casing =	11.15	1/100 ft
Length of Water Column (LWC) = TWD - DGW =	16.85	1/100 ft
1 Casing Volume (OCV) = LWC x	0.163	= gal
3 Casing Volumes =		gal
Method of Well Evacuation	Peristaltic Pump	
Method of Sample Collection	Peristaltic Pump/Poly Tubing	
Total Volume of Water Removed	3	liters

Casing Diameter	2	inches
Casing Material	PVC	
Measuring Point Elevation	687.72	1/100 ft
Height of Riser (above land surface)		1/100 ft
Land Surface Elevation		1/100 ft
Screened Interval (below land surface)	7.5 - 27.5	1/100 ft

[illegible]

FIELD ANALYSES

Flow Rate (ml/min)	150	120	120	120	120			
Time (Military)	10:55	11:00	11:05	11:10	11:15			
Depth to Groundwater Below Top of Casing (ft)	11.70	12.15	13.00	13.05	13.3			
Drawdown (ft)	-0.55	-0.45	-0.85	-0.05	-0.25			
pH (S.U.)	7.22	7.05	6.95	6.92	6.91			
Sp. Cond. (mS/cm)	1193	1170	1169	1167	1168			
Turbidity (NTUs)	2.05	0	0	0	0			
Dissolved Oxygen (mg/L)	0.51	0.21	0.06	0.03	0.01			
Water Temperature (°C)	8.0	9.8	9.9	9.9	9.9			
ORP (mV)	244.4	245.3	246	246.7	247.9			

Physical appearance at start	Color	<u>clear</u>
	Odor	no

Physical appearance at sampling	Color	clear
	Odor	no

Sheen/Free Product	no

Sheen/Free Product	no

COMMENTS/OBSERVATIONS	Start purging @ 10:50. Set tubing at center of well screen. Sample time @ 11:20.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 1/21/2013

Field Personnel E. Laity

Site Name Former Scott Aviation Site - Lancaster, NY

Job # 60242861

Well ID # MW-4

 Upgradient Downgradient

Weather Conditions flurries

Air Temperature 20 ° F

Total Depth (TWD) Below Top of Casing = 26 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 18.71 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 7.29 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = gal

3 Casing Volumes = gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 3 liter

Casing Diameter 2 inches

Casing Material PVC

Measuring Point Elevation 686.64 1/100 ft

Height of Riser (above land surface) 1/100 ft

Land Surface Elevation 1/100 ft

Screened Interval (below land surface) 15.5 - 25.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	110	110	110	110	110	110	
Time (Military)	14:05	14:10	14:15	14:20	14:25	14:30	
Depth to Groundwater Below Top of Casing (ft)	18.78	18.88	19.02	19.12	19.25	19.45	
Drawdown (ft)	-0.07	-0.1	-0.14	-0.1	-0.13	-0.2	
pH (S.U.)	6.8	6.77	6.72	6.74	6.74	6.73	
Sp. Cond. (mS/cm)	2571	2775	3396	3262	3200	3102	
Turbidity (NTUs)	-	-	-	-	-	-	
Dissolved Oxygen (mg/L)	0.27	0.08	0.02	0.01	0.00	0.00	
Water Temperature (°C)	8.9	9.8	10.6	10.6	10.7	10.9	
ORP (mV)	333	299	303	309.8	313.1	316.6	

Physical appearance at start Color clear

Odor no

Physical appearance at sampling Color clear

Odor no

Sheen/Free Product no

Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging @ 14:00. Set tubing at center of well screen. Sample time @ 14:45. Duplicate collected at this well. Duplicate time listed as 8:00.

Turbidity meter is malfunctioning. Water color is clear.

Date (mo/day/yr)	1/21/2013		Casing Diameter	2		inches	
Field Personnel	E. Laity		Casing Material	PVC			
Site Name	Former Scott Aviation Site - Lancaster, NY		Measuring Point Elevation	687.72		1/100 ft	
Job #	60242861		Height of Riser (above land surface)			1/100 ft	
Well ID #	MW-10		Land Surface Elevation			1/100 ft	
	Upgradient	Downgradient	Screened Interval (below land surface)	3.5 - 23.5		1/100 ft	
Weather Conditions	snow flurries						
Air Temperature	20 ° F						
Total Depth (TWD) Below Top of Casing =	24	1/100 ft					
Depth to Groundwater (DGW) Below Top of Casing =	9.59	1/100 ft					
Length of Water Column (LWC) = TWD - DGW =	14.41	1/100 ft					
1 Casing Volume (OCV) = LWC x	0.163	=	gal				
3 Casing Volumes =			gal				
Method of Well Evacuation	Peristaltic Pump						
Method of Sample Collection	Peristaltic Pump/Poly Tubing						
Total Volume of Water Removed	4	liter					
FIELD ANALYSES							
Flow Rate (ml/min)	175	175	175	175	175		
Time (Military)	13:20	13:25	13:30	13:35	13:40		
Depth to Groundwater Below Top of Casing (ft)	10.00	10.40	10.65	10.90	11.10		
Drawdown (ft)	-0.41	-0.40	-0.25	-0.25	-0.20		
pH (S.U.)	7	6.88	6.84	6.78	6.77		
Sp. Cond. (mS/cm)	1960	2007	2005	2009	2011		
Turbidity (NTUs)	-	-	-	-	-		
Dissolved Oxygen (mg/L)	0.18	0.18	0.04	0.02	0.01		
Water Temperature (°C)	10.6	11.2	11.1	11.2	11.4		
ORP (mV)	274	270.2	266.8	271.7	273		
Physical appearance at start	Color	clear		Physical appearance at sampling	Color	clear	
	Odor	no			Odor	no	
Sheen/Free Product	no			Sheen/Free Product	no		
COMMENTS/OBSERVATIONS	Start purging @ 13:15. Set tubing at center of well screen. Sample time @ 13:45. Turbidity meter is malfunctioning. Water color is clear, but with iron bacteria flecks. A little iron bacteria was noted at start of pumping.						

71149\Admin\Project Management\Appendix A - 1Q13 field forms.xlsx

71149\Admin\Project Management\Appendix A - 1Q13 field forms.xlsx

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 1/21/2013
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60242861
 Well ID # MW-16S

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation 685.84 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 12 - 18 1/100 ft

Weather Conditions snow flurries
 Air Temperature 20 ° F

Total Depth (TWD) Below Top of Casing = 15.4' bgs 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 7.85 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 7.55 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = _____ gal

3 Casing Volumes = _____ gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 3 liter

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)	100	100	100	100	100		
Time (Military)	15:15	15:20	15:25	15:30	15:35		
Depth to Groundwater Below Top of Casing (ft)	8.85	10.85	11.9	12.75	13.75		
Drawdown (ft)	-1.00	-2.00	-1.05	-0.85	-1.00		
pH (S.U.)	7.12	6.99	6.96	6.81	6.81		
Sp. Cond. (mS/cm)	1728	1374	1111	1766	1806		
Turbidity (NTUs)	-	-	-	-	-		
Dissolved Oxygen (mg/L)	1.28	0.40	0.51	0.20	0.20		
Water Temperature (°C)	8.8	9.4	9.4	9.8	10.2		
ORP (mV)	274	263	261.7	264.2	258.7		

Physical appearance at start Color cloudy grey

Odor no

Sheen/Free Product no

Physical appearance at sampling Color cloudy grey

Odor no

Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging @ 15:10. Set tubing at center of well screen. Sample time @ 15:40. Turbidity meter is malfunctioning. Water color is cloudy grey.



APPENDIX B

Summary of Groundwater Elevations

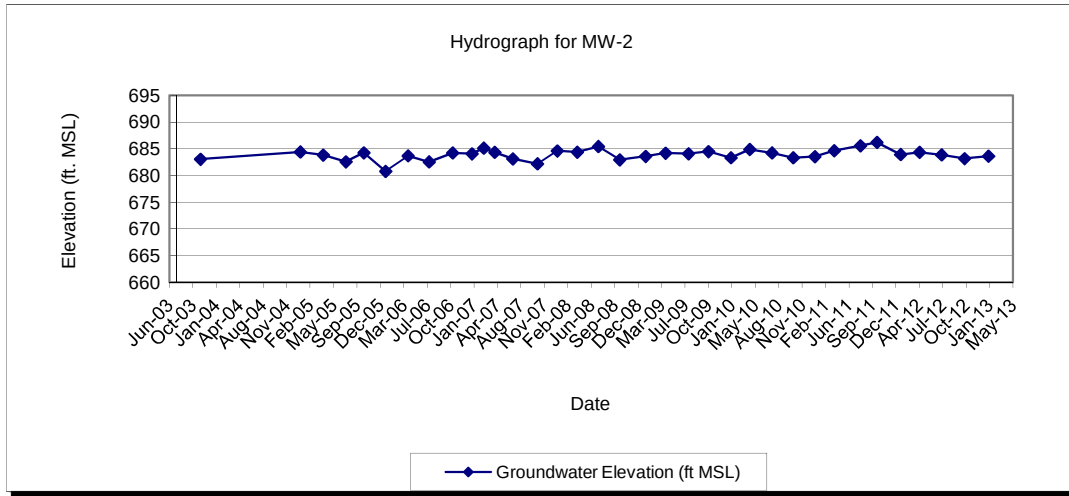
**MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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



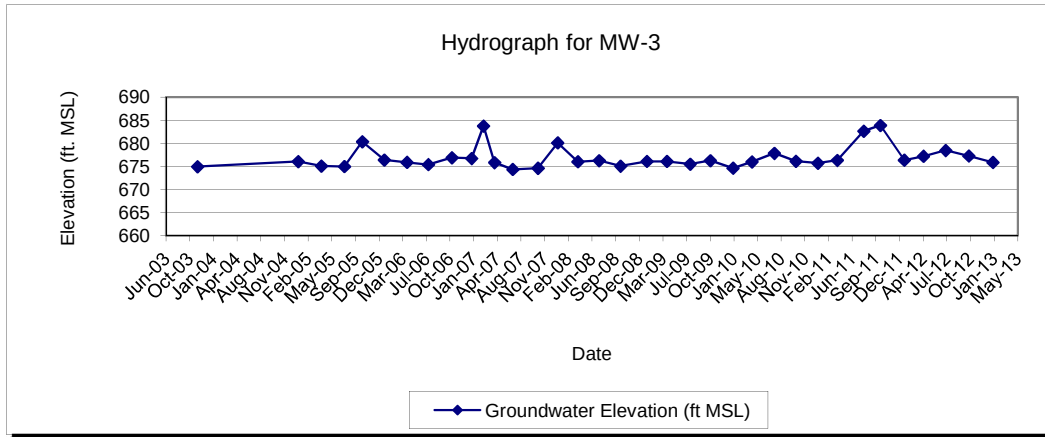
**MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

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

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-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

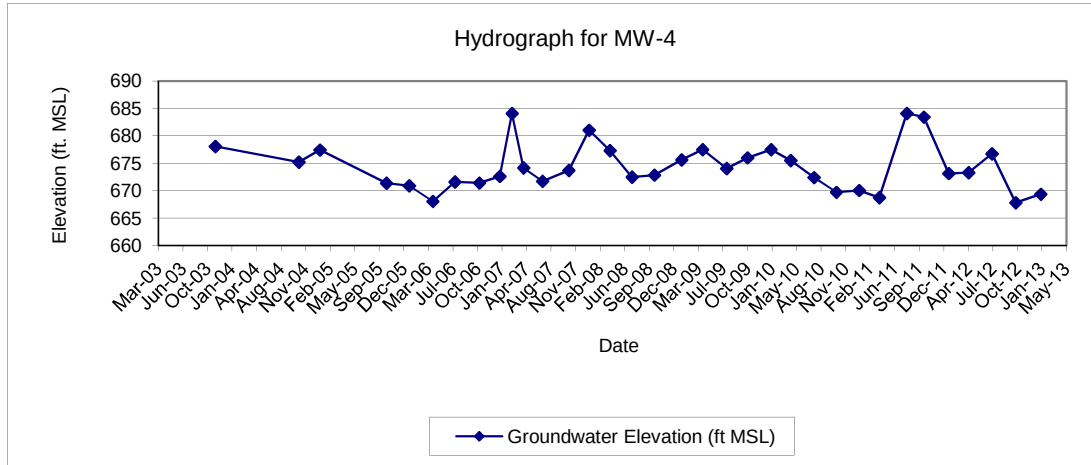
TOC Elevation - 686.64

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-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

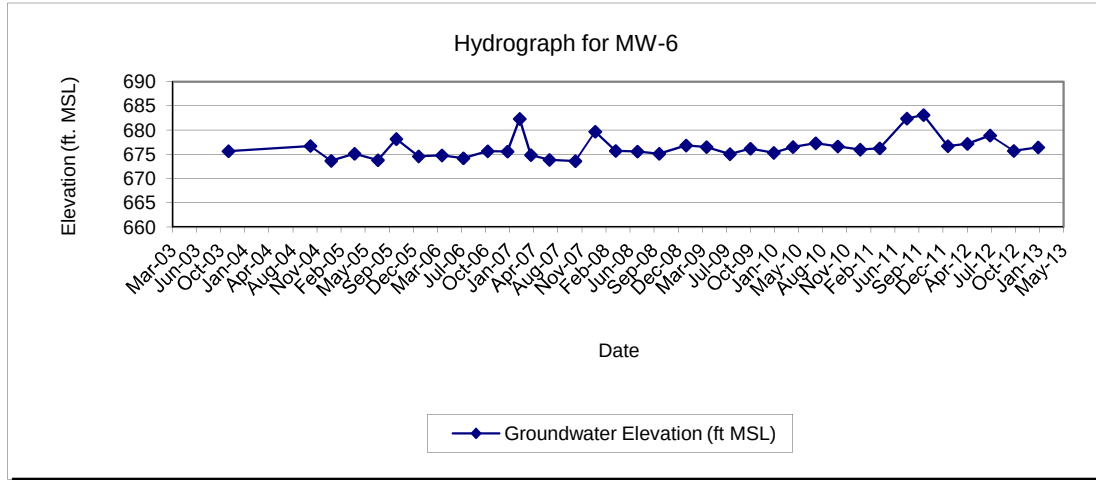
TOC Elevation - 686.68

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



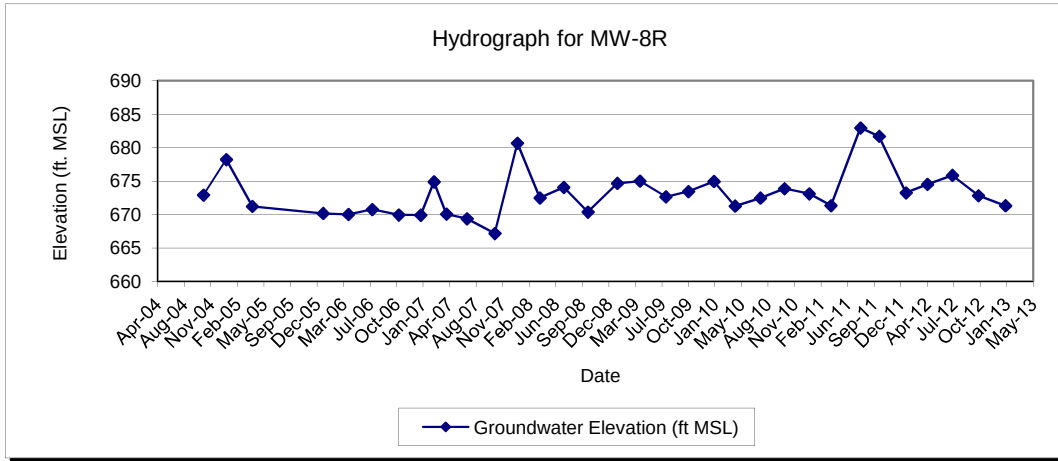
MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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



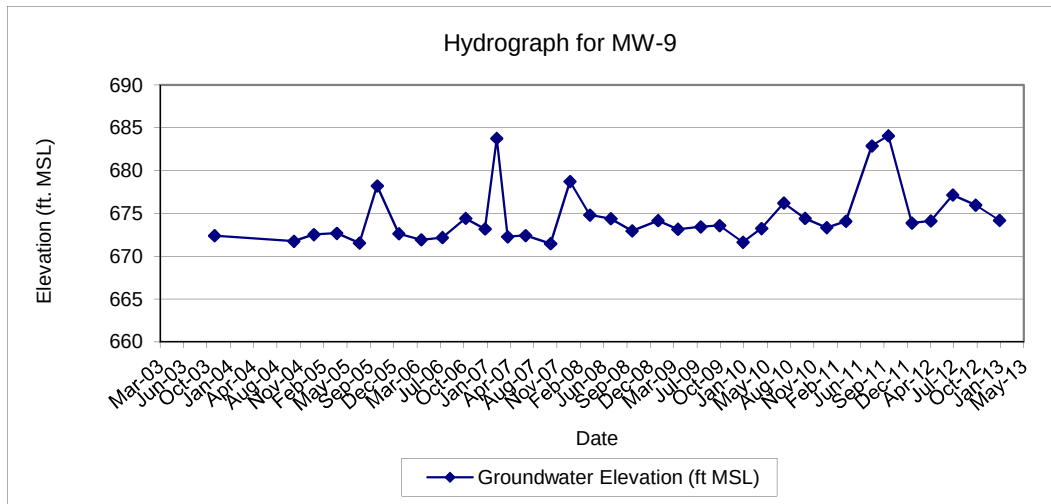
MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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



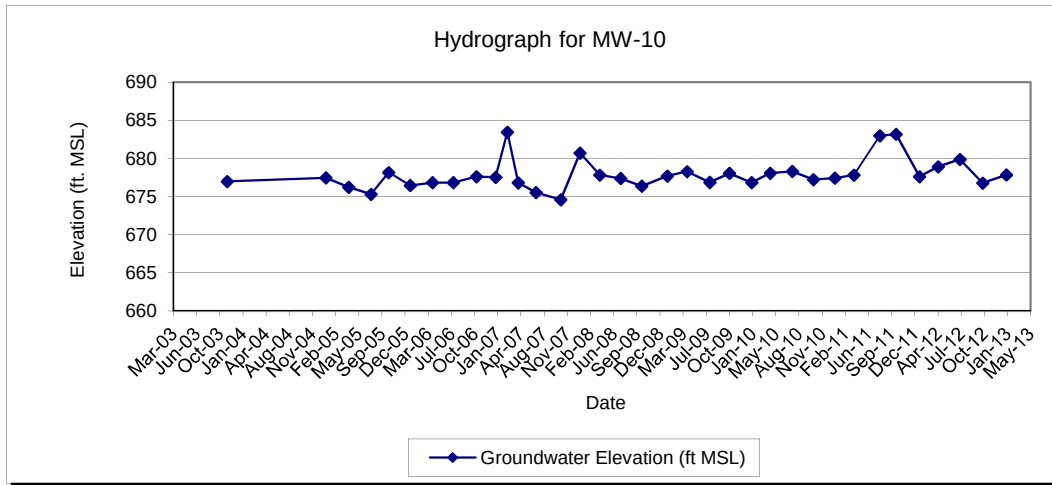
MONITORING WELL MW-10
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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



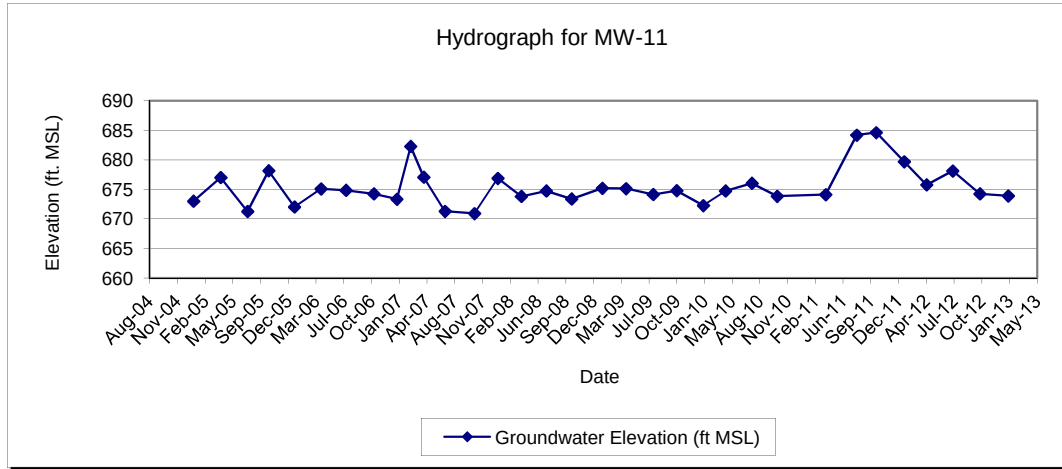
MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	15.59	673.02
4/14/2005	11.59	677.02
7/20/2005	17.34	671.27
10/4/2005	10.45	678.16
1/5/2006	16.58	672.03
4/11/2006	13.52	675.09
7/10/2006	13.75	674.86
10/18/2006	14.35	674.26
1/9/2007	15.26	673.35
2/28/2007	6.34	682.27
4/16/2007	11.55	677.06
7/2/2007	17.30	671.31
10/16/2007	17.69	670.92
1/8/2008	11.73	676.88
4/2/2008	14.78	673.83
7/1/2008	13.91	674.74
9/30/2008	15.25	673.40
1/19/2009	13.45	675.20
4/14/2009	13.50	675.15
7/21/2009	14.51	674.14
10/14/2009	13.85	674.8
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
4/2/2012	12.87	675.78
7/5/2012	10.53	678.12
10/11/2012	14.40	674.25
1/21/2013	14.75	673.90

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



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.79

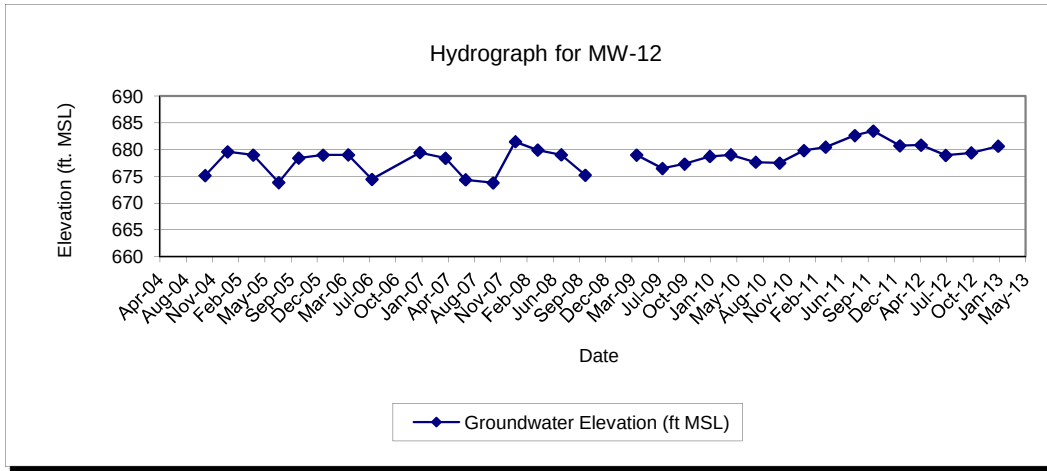
NM* - Well could not be located due to snow cover

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



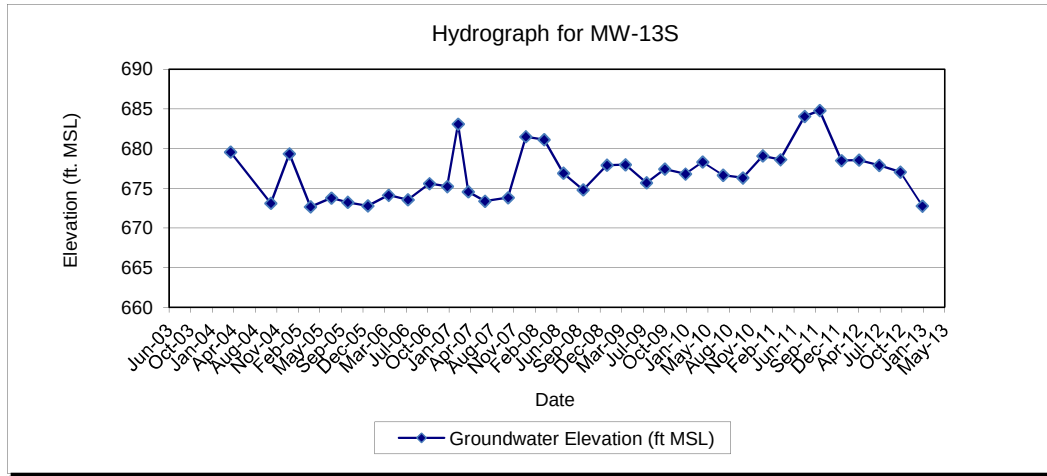
MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

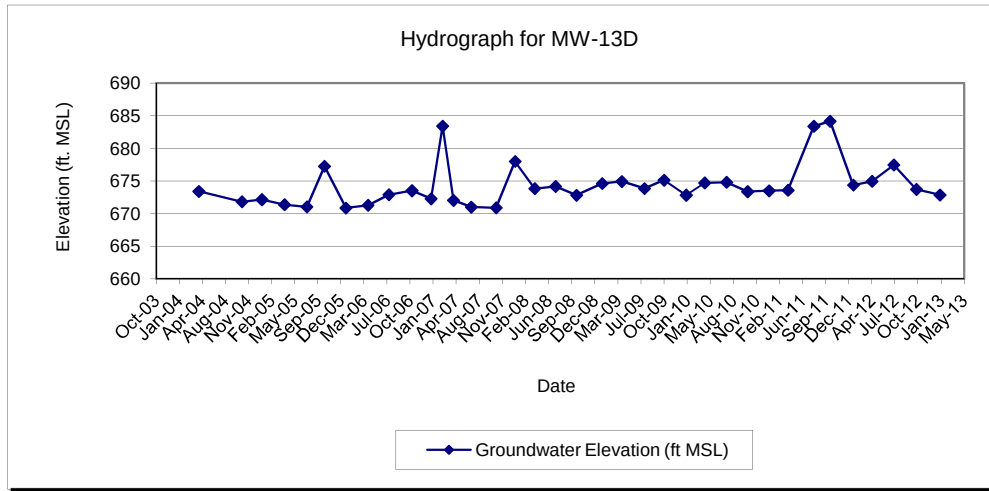
TOC Elevation - 686.71

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



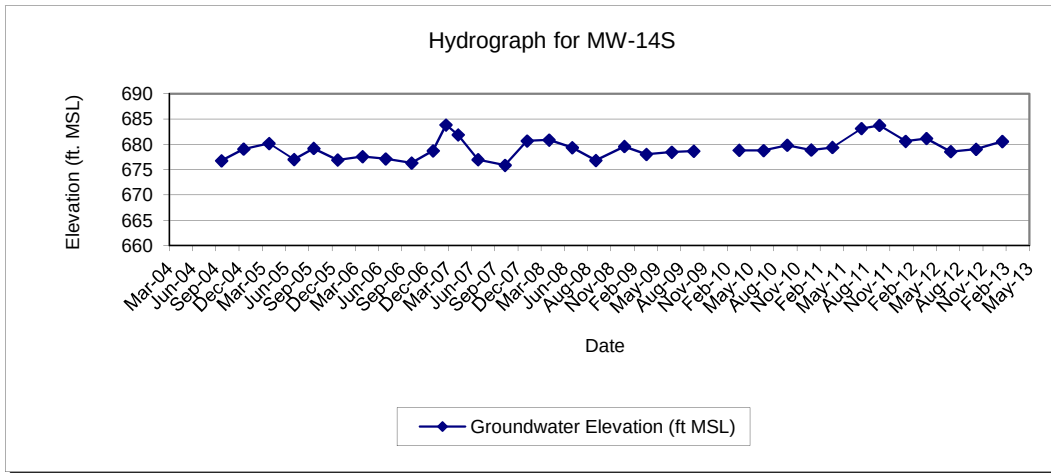
MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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



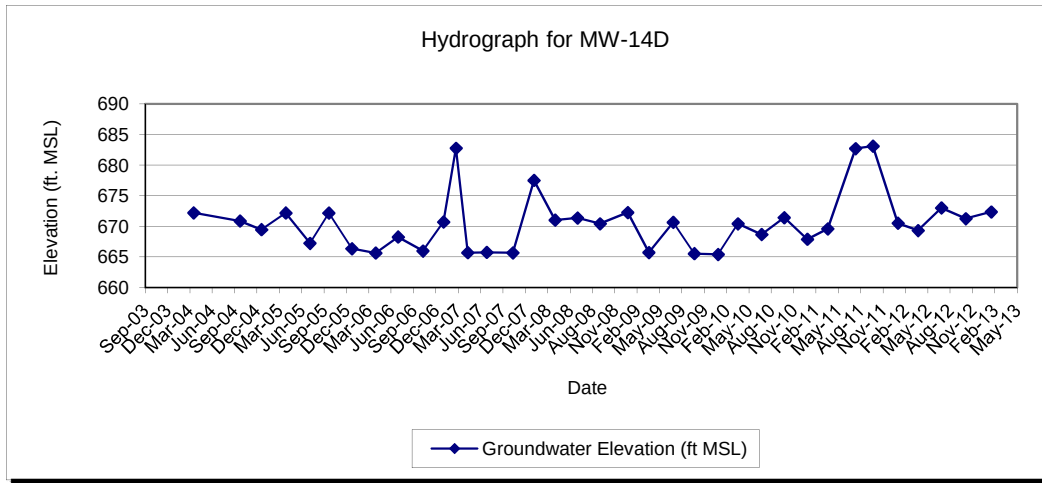
MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

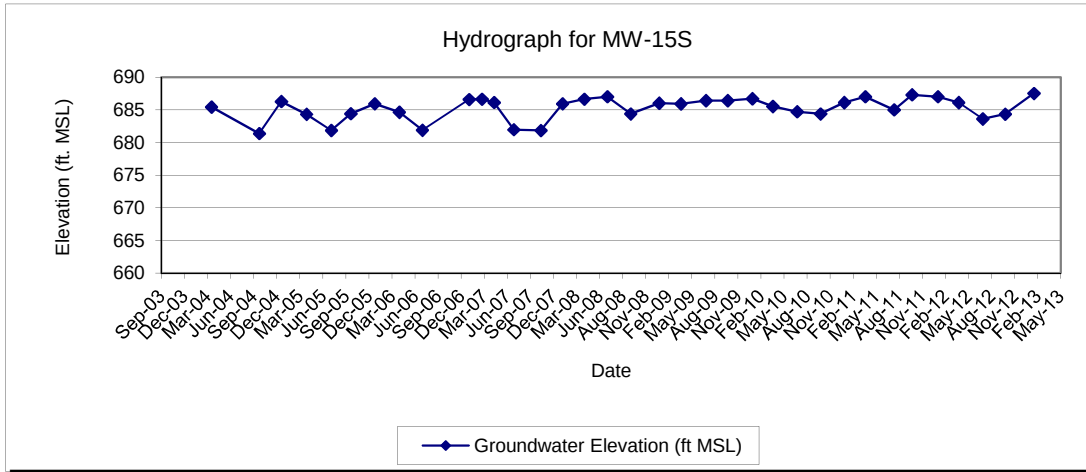
TOC Elevation - 686.64'

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



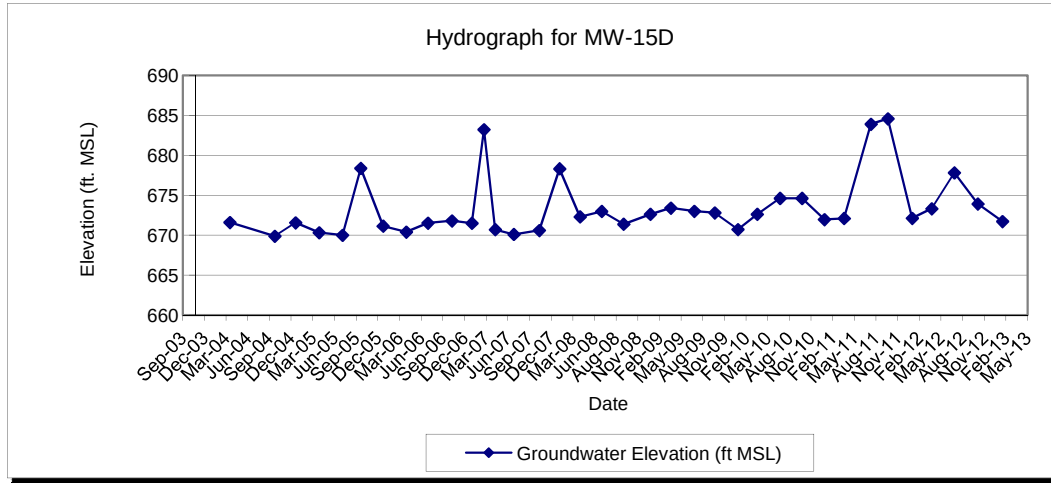
MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.84'

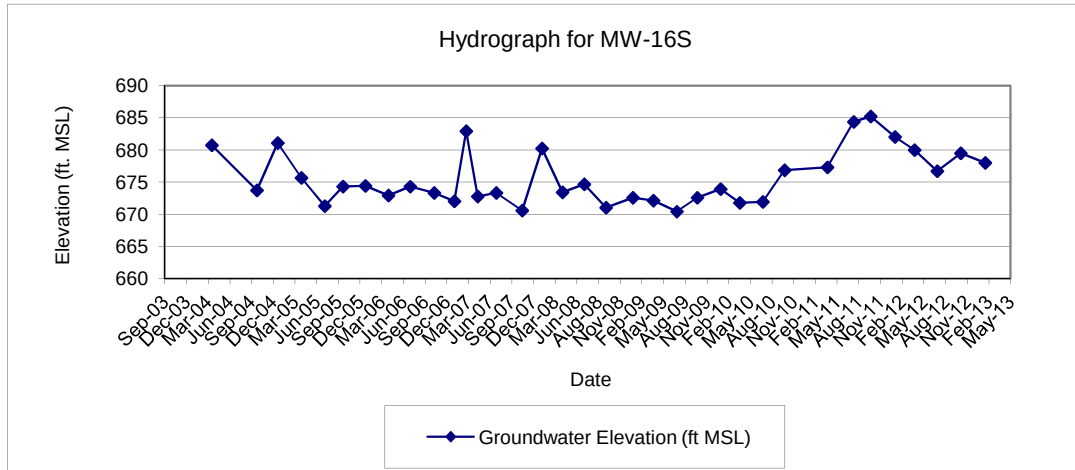
DPE and GWCT down on 2/28/07

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



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.01'

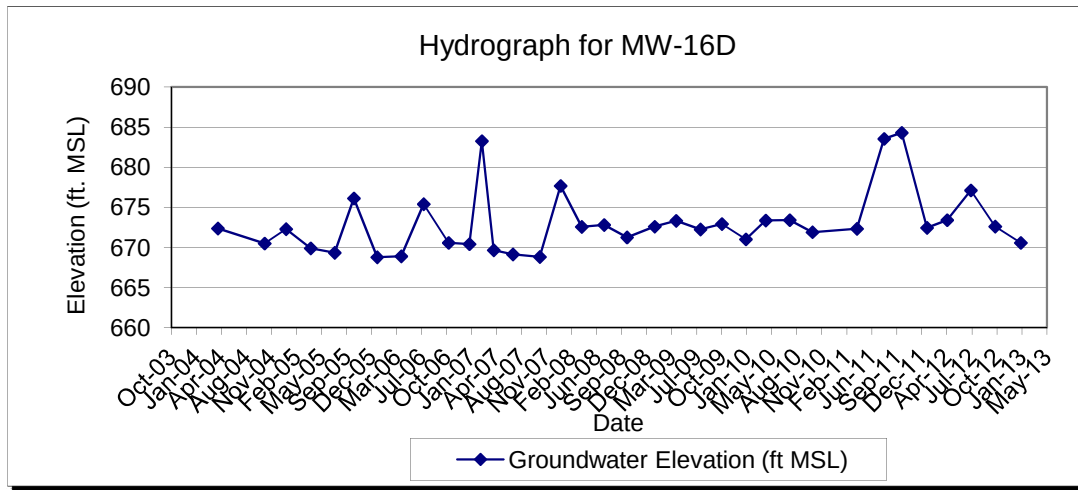
DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 690.55'

TOC Elevation as of 4/7/2011 - 686.01'

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





APPENDIX C

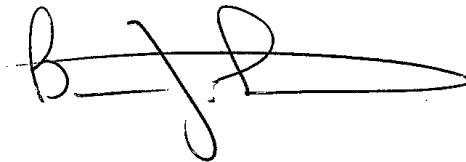
Analytical Laboratory Data (Full data reports contained on attached CD ROM)

ANALYTICAL REPORT

Job Number: 480-32226-1

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
2/13/2013 4:53 PM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com
02/13/2013

cc: Ms. Helen Jones

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

TestAmerica Laboratories, Inc.

TestAmerica Buffalo 10 Hazelwood Drive, Amherst, NY 14228-2298

Tel (716) 691-2600 Fax (716) 691-7991 www.testamericainc.com



Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Manual Integration Summary	5
Sample Summary	7
Executive Summary	8
Method Summary	10
Method / Analyst Summary	11
Sample Datasheets	12
QC Data Summary	24
Data Qualifiers	36
QC Association Summary	37
Lab Chronicle	38
Certification Summary	39
Organic Sample Data	40
Air - GC/MS VOA	40
TO15	40
TO15 QC Summary	41
TO15 Sample Data	55
Standards Data	124
TO15 ICAL Data	124
TO15 CCAL Data	213
Raw QC Data	241
TO15 Tune Data	241
TO15 Blank Data	257
TO15 LCS/LCSD Data	273

Table of Contents

TO15 Run Logs	285
Subcontracted Data	289
Shipping and Receiving Documents	290
Client Chain of Custody	291
Sample Receipt Checklist	292

Job Narrative
480-32226-1

Comments

No additional comments.

Receipt

The samples were received on 1/23/2013 12:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Air Toxics

Method(s) TO-15: The continuing calibration verification (CCV) for 1,4-Dioxane and Isopropyl Alcohol associated with batch 51767 recovered above the upper control limit.

Method(s) TO-15: The continuing calibration verification (CCV) for analytical batch 51845 exceeded control criteria for 1,2-Dichloro-1,2,2-tetrafluoromethane, Bromomethane, Chlorodifluoromethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, IPA, MTBE, and Propene. The data have been qualified and reported.

No other analytical or quality issues were noted.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Instrument ID: B.i Analysis Batch Number: 47421Lab Sample ID: IC 200-47421/4 Client Sample ID: _____Date Analyzed: 10/31/12 18:53 Lab File ID: bku004.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopentane	4.34	Peak not found by the data system	ahk	10/31/12 23:28
Bromoethene (Vinyl Bromide)	4.64	Peak not found by the data system	ahk	10/31/12 23:28
n-Octane	12.68	Peak not found by the data system	ahk	10/31/12 23:06

Lab Sample ID: IC 200-47421/5 Client Sample ID: _____Date Analyzed: 10/31/12 19:46 Lab File ID: bku005.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	5.37	Peak not found by the data system	ahk	10/31/12 23:07

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Instrument ID: G.i Analysis Batch Number: 51182Lab Sample ID: IC 200-51182/3 Client Sample ID: _____Date Analyzed: 01/25/13 10:40 Lab File ID: ggz003.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	3.71	Peak not found by the data system	wrd	01/25/13 15:50

SAMPLE SUMMARY

Client: AECOM, Inc.

Job Number: 480-32226-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-32226-1	LRP Effluent-1Q13	Air	01/21/2013 0800	01/23/2013 0020
480-32226-2	AS Effluent-1Q13	Air	01/21/2013 0800	01/23/2013 0020

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-32226-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-32226-1	LRP EFFLUENT-1Q13					
Vinyl chloride		710		25	ppb v/v	TO-15
Vinyl chloride		1800		65	ug/m3	TO-15
1,1-Dichloroethene		61		25	ppb v/v	TO-15
1,1-Dichloroethene		240		100	ug/m3	TO-15
trans-1,2-Dichloroethene		25		25	ppb v/v	TO-15
trans-1,2-Dichloroethene		100		100	ug/m3	TO-15
1,1-Dichloroethane		250		25	ppb v/v	TO-15
1,1-Dichloroethane		1000		100	ug/m3	TO-15
cis-1,2-Dichloroethene		9800		62	ppb v/v	TO-15
cis-1,2-Dichloroethene		39000		240	ug/m3	TO-15
1,2-Dichloroethene, Total		8500		25	ppb v/v	TO-15
1,2-Dichloroethene, Total		34000		100	ug/m3	TO-15
1,1,1-Trichloroethane		110		25	ppb v/v	TO-15
1,1,1-Trichloroethane		620		140	ug/m3	TO-15
Trichloroethene		11000		62	ppb v/v	TO-15
Trichloroethene		57000		330	ug/m3	TO-15
Toluene		34		25	ppb v/v	TO-15
Toluene		130		96	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-32226-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-32226-2	AS EFFLUENT-1Q13					
Dichlorodifluoromethane		0.60		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.0		2.5	ug/m3	TO-15
Chloromethane		0.65		0.50	ppb v/v	TO-15
Chloromethane		1.3		1.0	ug/m3	TO-15
Vinyl chloride		28		0.20	ppb v/v	TO-15
Vinyl chloride		70		0.51	ug/m3	TO-15
Chloroethane		13		0.50	ppb v/v	TO-15
Chloroethane		34		1.3	ug/m3	TO-15
Trichlorofluoromethane		0.23		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3		1.1	ug/m3	TO-15
1,1-Dichloroethene		0.21		0.20	ppb v/v	TO-15
1,1-Dichloroethene		0.82		0.79	ug/m3	TO-15
Acetone		5.4		5.0	ppb v/v	TO-15
Acetone		13		12	ug/m3	TO-15
Carbon disulfide		0.95		0.50	ppb v/v	TO-15
Carbon disulfide		2.9		1.6	ug/m3	TO-15
trans-1,2-Dichloroethene		0.33		0.20	ppb v/v	TO-15
trans-1,2-Dichloroethene		1.3		0.79	ug/m3	TO-15
n-Hexane		0.36		0.20	ppb v/v	TO-15
n-Hexane		1.3		0.70	ug/m3	TO-15
1,1-Dichloroethane		2.5		0.20	ppb v/v	TO-15
1,1-Dichloroethane		10		0.81	ug/m3	TO-15
Methyl Ethyl Ketone		0.61		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.8		1.5	ug/m3	TO-15
cis-1,2-Dichloroethene		52		0.40	ppb v/v	TO-15
cis-1,2-Dichloroethene		210		1.6	ug/m3	TO-15
1,2-Dichloroethene, Total		60		0.20	ppb v/v	TO-15
1,2-Dichloroethene, Total		240		0.79	ug/m3	TO-15
Benzene		0.32		0.20	ppb v/v	TO-15
Benzene		1.0		0.64	ug/m3	TO-15
n-Heptane		0.24		0.20	ppb v/v	TO-15
n-Heptane		0.97		0.82	ug/m3	TO-15
Trichloroethene		17		0.20	ppb v/v	TO-15
Trichloroethene		90		1.1	ug/m3	TO-15
Toluene		1.3		0.20	ppb v/v	TO-15
Toluene		4.9		0.75	ug/m3	TO-15
Xylene (total)		0.59		0.20	ppb v/v	TO-15
Xylene (total)		2.6		0.87	ug/m3	TO-15

METHOD SUMMARY

Client: AECOM, Inc.

Job Number: 480-32226-1

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: 480-32226-1

Method	Analyst	Analyst ID
EPA TO-15	Daigle, Paul A	PAD
EPA TO-15	Phillips, Mark T	MTP

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: LRP Effluent-1Q13

Lab Sample ID: 480-32226-1

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51767	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuaau17.d
Dilution:	127			Initial Weight/Volume:	75 mL
Analysis Date:	02/12/2013 0001			Final Weight/Volume:	200 mL
Prep Date:	02/12/2013 0001			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		64	64
1,2-Dichlorotetrafluoroethane	ND		25	25
Chloromethane	ND		64	64
Vinyl chloride	710		25	25
1,3-Butadiene	ND		25	25
Bromomethane	ND		25	25
Chloroethane	ND		64	64
Bromoethene(Vinyl Bromide)	ND		25	25
Trichlorofluoromethane	ND		25	25
Freon TF	ND		25	25
1,1-Dichloroethene	61		25	25
Acetone	ND		640	640
Isopropyl alcohol	ND		640	640
Carbon disulfide	ND		64	64
3-Chloropropene	ND		64	64
Methylene Chloride	ND		64	64
tert-Butyl alcohol	ND		640	640
Methyl tert-butyl ether	ND		25	25
trans-1,2-Dichloroethene	25		25	25
n-Hexane	ND		25	25
1,1-Dichloroethane	250		25	25
Methyl Ethyl Ketone	ND		64	64
cis-1,2-Dichloroethene	8500	E	25	25
1,2-Dichloroethene, Total	8500		25	25
Chloroform	ND		25	25
Tetrahydrofuran	ND		640	640
1,1,1-Trichloroethane	110		25	25
Cyclohexane	ND		25	25
Carbon tetrachloride	ND		25	25
2,2,4-Trimethylpentane	ND		25	25
Benzene	ND		25	25
1,2-Dichloroethane	ND		25	25
n-Heptane	ND		25	25
Trichloroethene	8400	E	25	25
1,2-Dichloropropane	ND		25	25
1,4-Dioxane	ND		640	640
Bromodichloromethane	ND		25	25
cis-1,3-Dichloropropene	ND		25	25
methyl isobutyl ketone	ND		64	64
Toluene	34		25	25
trans-1,3-Dichloropropene	ND		25	25
1,1,2-Trichloroethane	ND		25	25
Tetrachloroethene	ND		25	25
Methyl Butyl Ketone (2-Hexanone)	ND		64	64
Dibromochloromethane	ND		25	25
1,2-Dibromoethane	ND		25	25

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: LRP Effluent-1Q13

Lab Sample ID: 480-32226-1

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51767	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuaau17.d
Dilution:	127			Initial Weight/Volume:	75 mL
Analysis Date:	02/12/2013 0001			Final Weight/Volume:	200 mL
Prep Date:	02/12/2013 0001			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Chlorobenzene	ND		25	25
Ethylbenzene	ND		25	25
m,p-Xylene	ND		64	64
Xylene, o-	ND		25	25
Xylene (total)	ND		25	25
Styrene	ND		25	25
Bromoform	ND		25	25
1,1,2,2-Tetrachloroethane	ND		25	25
4-Ethyltoluene	ND		25	25
1,3,5-Trimethylbenzene	ND		25	25
2-Chlorotoluene	ND		25	25
1,2,4-Trimethylbenzene	ND		25	25
1,3-Dichlorobenzene	ND		25	25
1,4-Dichlorobenzene	ND		25	25
1,2-Dichlorobenzene	ND		25	25
1,2,4-Trichlorobenzene	ND		64	64
Hexachlorobutadiene	ND		25	25

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		310	310
1,2-Dichlorotetrafluoroethane	ND		180	180
Chloromethane	ND		130	130
Vinyl chloride	1800		65	65
1,3-Butadiene	ND		56	56
Bromomethane	ND		99	99
Chloroethane	ND		170	170
Bromoethene(Vinyl Bromide)	ND		110	110
Trichlorofluoromethane	ND		140	140
Freon TF	ND		190	190
1,1-Dichloroethene	240		100	100
Acetone	ND		1500	1500
Isopropyl alcohol	ND		1600	1600
Carbon disulfide	ND		200	200
3-Chloropropene	ND		200	200
Methylene Chloride	ND		220	220
tert-Butyl alcohol	ND		1900	1900
Methyl tert-butyl ether	ND		92	92
trans-1,2-Dichloroethene	100		100	100
n-Hexane	ND		90	90
1,1-Dichloroethane	1000		100	100
Methyl Ethyl Ketone	ND		190	190
cis-1,2-Dichloroethene	34000	E	100	100
1,2-Dichloroethene, Total	34000		100	100
Chloroform	ND		120	120
Tetrahydrofuran	ND		1900	1900
1,1,1-Trichloroethane	620		140	140

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: LRP Effluent-1Q13

Lab Sample ID: 480-32226-1

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51767	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuaau17.d
Dilution:	127			Initial Weight/Volume:	75 mL
Analysis Date:	02/12/2013 0001			Final Weight/Volume:	200 mL
Prep Date:	02/12/2013 0001			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
Cyclohexane	ND		87	87
Carbon tetrachloride	ND		160	160
2,2,4-Trimethylpentane	ND		120	120
Benzene	ND		81	81
1,2-Dichloroethane	ND		100	100
n-Heptane	ND		100	100
Trichloroethene	45000	E	140	140
1,2-Dichloropropane	ND		120	120
1,4-Dioxane	ND		2300	2300
Bromodichloromethane	ND		170	170
cis-1,3-Dichloropropene	ND		120	120
methyl isobutyl ketone	ND		260	260
Toluene	130		96	96
trans-1,3-Dichloropropene	ND		120	120
1,1,2-Trichloroethane	ND		140	140
Tetrachloroethene	ND		170	170
Methyl Butyl Ketone (2-Hexanone)	ND		260	260
Dibromochloromethane	ND		220	220
1,2-Dibromoethane	ND		200	200
Chlorobenzene	ND		120	120
Ethylbenzene	ND		110	110
m,p-Xylene	ND		280	280
Xylene, o-	ND		110	110
Xylene (total)	ND		110	110
Styrene	ND		110	110
Bromoform	ND		260	260
1,1,2,2-Tetrachloroethane	ND		170	170
4-Ethyltoluene	ND		120	120
1,3,5-Trimethylbenzene	ND		120	120
2-Chlorotoluene	ND		130	130
1,2,4-Trimethylbenzene	ND		120	120
1,3-Dichlorobenzene	ND		150	150
1,4-Dichlorobenzene	ND		150	150
1,2-Dichlorobenzene	ND		150	150
1,2,4-Trichlorobenzene	ND		470	470
Hexachlorobutadiene	ND		270	270

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: LRP Effluent-1Q13

Lab Sample ID: 480-32226-1

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51845	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggzp006.d
Dilution:	307.6			Initial Weight/Volume:	31 mL
Analysis Date:	02/13/2013 1259			Final Weight/Volume:	200 mL
Prep Date:	02/13/2013 1259			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		150	150
1,2-Dichlorotetrafluoroethane	ND		62	62
Chloromethane	ND		150	150
Vinyl chloride	1000		62	62
1,3-Butadiene	ND		62	62
Bromomethane	ND		62	62
Chloroethane	ND		150	150
Bromoethene(Vinyl Bromide)	ND		62	62
Trichlorofluoromethane	ND		62	62
Freon TF	ND		62	62
1,1-Dichloroethene	93		62	62
Acetone	ND		1500	1500
Isopropyl alcohol	ND		1500	1500
Carbon disulfide	ND		150	150
3-Chloropropene	ND		150	150
Methylene Chloride	ND		150	150
tert-Butyl alcohol	ND		1500	1500
Methyl tert-butyl ether	ND		62	62
trans-1,2-Dichloroethene	ND		62	62
n-Hexane	ND		62	62
1,1-Dichloroethane	340		62	62
Methyl Ethyl Ketone	ND		150	150
cis-1,2-Dichloroethene	9800		62	62
1,2-Dichloroethene, Total	9900		62	62
Chloroform	ND		62	62
Tetrahydrofuran	ND		1500	1500
1,1,1-Trichloroethane	150		62	62
Cyclohexane	ND		62	62
Carbon tetrachloride	ND		62	62
2,2,4-Trimethylpentane	ND		62	62
Benzene	ND		62	62
1,2-Dichloroethane	ND		62	62
n-Heptane	ND		62	62
Trichloroethene	11000		62	62
1,2-Dichloropropane	ND		62	62
1,4-Dioxane	ND		1500	1500
Bromodichloromethane	ND		62	62
cis-1,3-Dichloropropene	ND		62	62
methyl isobutyl ketone	ND		150	150
Toluene	ND		62	62
trans-1,3-Dichloropropene	ND		62	62
1,1,2-Trichloroethane	ND		62	62
Tetrachloroethene	ND		62	62
Methyl Butyl Ketone (2-Hexanone)	ND		150	150
Dibromochloromethane	ND		62	62
1,2-Dibromoethane	ND		62	62

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: LRP Effluent-1Q13

Lab Sample ID: 480-32226-1

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51845	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggzp006.d
Dilution:	307.6			Initial Weight/Volume:	31 mL
Analysis Date:	02/13/2013 1259			Final Weight/Volume:	200 mL
Prep Date:	02/13/2013 1259			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Chlorobenzene	ND		62	62
Ethylbenzene	ND		62	62
m,p-Xylene	ND		150	150
Xylene, o-	ND		62	62
Xylene (total)	ND		62	62
Styrene	ND		62	62
Bromoform	ND		62	62
1,1,2,2-Tetrachloroethane	ND		62	62
4-Ethyltoluene	ND		62	62
1,3,5-Trimethylbenzene	ND		62	62
2-Chlorotoluene	ND		62	62
1,2,4-Trimethylbenzene	ND		62	62
1,3-Dichlorobenzene	ND		62	62
1,4-Dichlorobenzene	ND		62	62
1,2-Dichlorobenzene	ND		62	62
1,2,4-Trichlorobenzene	ND		150	150
Hexachlorobutadiene	ND		62	62

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		760	760
1,2-Dichlorotetrafluoroethane	ND		430	430
Chloromethane	ND		320	320
Vinyl chloride	2600		160	160
1,3-Butadiene	ND		140	140
Bromomethane	ND		240	240
Chloroethane	ND		410	410
Bromoethene(Vinyl Bromide)	ND		270	270
Trichlorofluoromethane	ND		350	350
Freon TF	ND		470	470
1,1-Dichloroethene	370		240	240
Acetone	ND		3700	3700
Isopropyl alcohol	ND		3800	3800
Carbon disulfide	ND		480	480
3-Chloropropene	ND		480	480
Methylene Chloride	ND		530	530
tert-Butyl alcohol	ND		4700	4700
Methyl tert-butyl ether	ND		220	220
trans-1,2-Dichloroethene	ND		240	240
n-Hexane	ND		220	220
1,1-Dichloroethane	1400		250	250
Methyl Ethyl Ketone	ND		450	450
cis-1,2-Dichloroethene	39000		240	240
1,2-Dichloroethene, Total	39000		240	240
Chloroform	ND		300	300
Tetrahydrofuran	ND		4500	4500
1,1,1-Trichloroethane	830		340	340

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: LRP Effluent-1Q13

Lab Sample ID: 480-32226-1

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51845	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggzp006.d
Dilution:	307.6			Initial Weight/Volume:	31 mL
Analysis Date:	02/13/2013 1259			Final Weight/Volume:	200 mL
Prep Date:	02/13/2013 1259			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
Cyclohexane	ND		210	210
Carbon tetrachloride	ND		390	390
2,2,4-Trimethylpentane	ND		290	290
Benzene	ND		200	200
1,2-Dichloroethane	ND		250	250
n-Heptane	ND		250	250
Trichloroethene	57000		330	330
1,2-Dichloropropane	ND		280	280
1,4-Dioxane	ND		5500	5500
Bromodichloromethane	ND		410	410
cis-1,3-Dichloropropene	ND		280	280
methyl isobutyl ketone	ND		630	630
Toluene	ND		230	230
trans-1,3-Dichloropropene	ND		280	280
1,1,2-Trichloroethane	ND		340	340
Tetrachloroethene	ND		420	420
Methyl Butyl Ketone (2-Hexanone)	ND		630	630
Dibromochloromethane	ND		520	520
1,2-Dibromoethane	ND		470	470
Chlorobenzene	ND		280	280
Ethylbenzene	ND		270	270
m,p-Xylene	ND		670	670
Xylene, o-	ND		270	270
Xylene (total)	ND		270	270
Styrene	ND		260	260
Bromoform	ND		640	640
1,1,2,2-Tetrachloroethane	ND		420	420
4-Ethyltoluene	ND		300	300
1,3,5-Trimethylbenzene	ND		300	300
2-Chlorotoluene	ND		320	320
1,2,4-Trimethylbenzene	ND		300	300
1,3-Dichlorobenzene	ND		370	370
1,4-Dichlorobenzene	ND		370	370
1,2-Dichlorobenzene	ND		370	370
1,2,4-Trichlorobenzene	ND		1100	1100
Hexachlorobutadiene	ND		660	660

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: AS Effluent-1Q13

Lab Sample ID: 480-32226-2

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51767	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuau18.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/12/2013 0054			Final Weight/Volume:	200 mL
Prep Date:	02/12/2013 0054			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	0.60		0.50	0.50
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20
Chloromethane	0.65		0.50	0.50
Vinyl chloride	28		0.20	0.20
1,3-Butadiene	ND		0.20	0.20
Bromomethane	ND		0.20	0.20
Chloroethane	13		0.50	0.50
Bromoethene(Vinyl Bromide)	ND		0.20	0.20
Trichlorofluoromethane	0.23		0.20	0.20
Freon TF	ND		0.20	0.20
1,1-Dichloroethene	0.21		0.20	0.20
Acetone	5.4		5.0	5.0
Isopropyl alcohol	ND		5.0	5.0
Carbon disulfide	0.95		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	0.33		0.20	0.20
n-Hexane	0.36		0.20	0.20
1,1-Dichloroethane	2.5		0.20	0.20
Methyl Ethyl Ketone	0.61		0.50	0.50
cis-1,2-Dichloroethene	60	E	0.20	0.20
1,2-Dichloroethene, Total	60		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	0.32		0.20	0.20
1,2-Dichloroethane	ND		0.20	0.20
n-Heptane	0.24		0.20	0.20
Trichloroethene	17		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	1.3		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

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: AS Effluent-1Q13

Lab Sample ID: 480-32226-2

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51767	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuauu18.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/12/2013 0054			Final Weight/Volume:	200 mL
Prep Date:	02/12/2013 0054			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)	0.59		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	3.0		2.5	2.5
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4
Chloromethane	1.3		1.0	1.0
Vinyl chloride	70		0.51	0.51
1,3-Butadiene	ND		0.44	0.44
Bromomethane	ND		0.78	0.78
Chloroethane	34		1.3	1.3
Bromoethene(Vinyl Bromide)	ND		0.87	0.87
Trichlorofluoromethane	1.3		1.1	1.1
Freon TF	ND		1.5	1.5
1,1-Dichloroethene	0.82		0.79	0.79
Acetone	13		12	12
Isopropyl alcohol	ND		12	12
Carbon disulfide	2.9		1.6	1.6
3-Chloropropene	ND		1.6	1.6
Methylene Chloride	ND		1.7	1.7
tert-Butyl alcohol	ND		15	15
Methyl tert-butyl ether	ND		0.72	0.72
trans-1,2-Dichloroethene	1.3		0.79	0.79
n-Hexane	1.3		0.70	0.70
1,1-Dichloroethane	10		0.81	0.81
Methyl Ethyl Ketone	1.8		1.5	1.5
cis-1,2-Dichloroethene	240	E	0.79	0.79
1,2-Dichloroethene, Total	240		0.79	0.79
Chloroform	ND		0.98	0.98
Tetrahydrofuran	ND		15	15
1,1,1-Trichloroethane	ND		1.1	1.1

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: AS Effluent-1Q13

Lab Sample ID: 480-32226-2

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51767	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuaau18.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/12/2013 0054			Final Weight/Volume:	200 mL
Prep Date:	02/12/2013 0054			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
Cyclohexane	ND		0.69	0.69
Carbon tetrachloride	ND		1.3	1.3
2,2,4-Trimethylpentane	ND		0.93	0.93
Benzene	1.0		0.64	0.64
1,2-Dichloroethane	ND		0.81	0.81
n-Heptane	0.97		0.82	0.82
Trichloroethene	90		1.1	1.1
1,2-Dichloropropane	ND		0.92	0.92
1,4-Dioxane	ND		18	18
Bromodichloromethane	ND		1.3	1.3
cis-1,3-Dichloropropene	ND		0.91	0.91
methyl isobutyl ketone	ND		2.0	2.0
Toluene	4.9		0.75	0.75
trans-1,3-Dichloropropene	ND		0.91	0.91
1,1,2-Trichloroethane	ND		1.1	1.1
Tetrachloroethene	ND		1.4	1.4
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0
Dibromochloromethane	ND		1.7	1.7
1,2-Dibromoethane	ND		1.5	1.5
Chlorobenzene	ND		0.92	0.92
Ethylbenzene	ND		0.87	0.87
m,p-Xylene	ND		2.2	2.2
Xylene, o-	ND		0.87	0.87
Xylene (total)	2.6		0.87	0.87
Styrene	ND		0.85	0.85
Bromoform	ND		2.1	2.1
1,1,2,2-Tetrachloroethane	ND		1.4	1.4
4-Ethyltoluene	ND		0.98	0.98
1,3,5-Trimethylbenzene	ND		0.98	0.98
2-Chlorotoluene	ND		1.0	1.0
1,2,4-Trimethylbenzene	ND		0.98	0.98
1,3-Dichlorobenzene	ND		1.2	1.2
1,4-Dichlorobenzene	ND		1.2	1.2
1,2-Dichlorobenzene	ND		1.2	1.2
1,2,4-Trichlorobenzene	ND		3.7	3.7
Hexachlorobutadiene	ND		2.1	2.1

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: AS Effluent-1Q13

Lab Sample ID: 480-32226-2

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51845	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggzp007.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/13/2013 1350			Final Weight/Volume:	200 mL
Prep Date:	02/13/2013 1350			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		1.0	1.0
1,2-Dichlorotetrafluoroethane	ND		0.40	0.40
Chloromethane	ND		1.0	1.0
Vinyl chloride	28		0.40	0.40
1,3-Butadiene	ND		0.40	0.40
Bromomethane	ND		0.40	0.40
Chloroethane	12		1.0	1.0
Bromoethene(Vinyl Bromide)	ND		0.40	0.40
Trichlorofluoromethane	ND		0.40	0.40
Freon TF	ND		0.40	0.40
1,1-Dichloroethene	ND		0.40	0.40
Acetone	ND		10	10
Isopropyl alcohol	ND		10	10
Carbon disulfide	ND		1.0	1.0
3-Chloropropene	ND		1.0	1.0
Methylene Chloride	ND		1.0	1.0
tert-Butyl alcohol	ND		10	10
Methyl tert-butyl ether	ND		0.40	0.40
trans-1,2-Dichloroethene	ND		0.40	0.40
n-Hexane	ND		0.40	0.40
1,1-Dichloroethane	2.5		0.40	0.40
Methyl Ethyl Ketone	ND		1.0	1.0
cis-1,2-Dichloroethene	52		0.40	0.40
1,2-Dichloroethene, Total	53		0.40	0.40
Chloroform	ND		0.40	0.40
Tetrahydrofuran	ND		10	10
1,1,1-Trichloroethane	ND		0.40	0.40
Cyclohexane	ND		0.40	0.40
Carbon tetrachloride	ND		0.40	0.40
2,2,4-Trimethylpentane	ND		0.40	0.40
Benzene	ND		0.40	0.40
1,2-Dichloroethane	ND		0.40	0.40
n-Heptane	ND		0.40	0.40
Trichloroethene	17		0.40	0.40
1,2-Dichloropropane	ND		0.40	0.40
1,4-Dioxane	ND		10	10
Bromodichloromethane	ND		0.40	0.40
cis-1,3-Dichloropropene	ND		0.40	0.40
methyl isobutyl ketone	ND		1.0	1.0
Toluene	1.2		0.40	0.40
trans-1,3-Dichloropropene	ND		0.40	0.40
1,1,2-Trichloroethane	ND		0.40	0.40
Tetrachloroethene	ND		0.40	0.40
Methyl Butyl Ketone (2-Hexanone)	ND		1.0	1.0
Dibromochloromethane	ND		0.40	0.40
1,2-Dibromoethane	ND		0.40	0.40

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: AS Effluent-1Q13

Lab Sample ID: 480-32226-2

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51845	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggzp007.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/13/2013 1350			Final Weight/Volume:	200 mL
Prep Date:	02/13/2013 1350			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Chlorobenzene	ND		0.40	0.40
Ethylbenzene	ND		0.40	0.40
m,p-Xylene	ND		1.0	1.0
Xylene, o-	ND		0.40	0.40
Xylene (total)	0.55		0.40	0.40
Styrene	ND		0.40	0.40
Bromoform	ND		0.40	0.40
1,1,2,2-Tetrachloroethane	ND		0.40	0.40
4-Ethyltoluene	ND		0.40	0.40
1,3,5-Trimethylbenzene	ND		0.40	0.40
2-Chlorotoluene	ND		0.40	0.40
1,2,4-Trimethylbenzene	ND		0.40	0.40
1,3-Dichlorobenzene	ND		0.40	0.40
1,4-Dichlorobenzene	ND		0.40	0.40
1,2-Dichlorobenzene	ND		0.40	0.40
1,2,4-Trichlorobenzene	ND		1.0	1.0
Hexachlorobutadiene	ND		0.40	0.40

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		4.9	4.9
1,2-Dichlorotetrafluoroethane	ND		2.8	2.8
Chloromethane	ND		2.1	2.1
Vinyl chloride	71		1.0	1.0
1,3-Butadiene	ND		0.88	0.88
Bromomethane	ND		1.6	1.6
Chloroethane	31		2.6	2.6
Bromoethene(Vinyl Bromide)	ND		1.7	1.7
Trichlorofluoromethane	ND		2.2	2.2
Freon TF	ND		3.1	3.1
1,1-Dichloroethene	ND		1.6	1.6
Acetone	ND		24	24
Isopropyl alcohol	ND		25	25
Carbon disulfide	ND		3.1	3.1
3-Chloropropene	ND		3.1	3.1
Methylene Chloride	ND		3.5	3.5
tert-Butyl alcohol	ND		30	30
Methyl tert-butyl ether	ND		1.4	1.4
trans-1,2-Dichloroethene	ND		1.6	1.6
n-Hexane	ND		1.4	1.4
1,1-Dichloroethane	10		1.6	1.6
Methyl Ethyl Ketone	ND		2.9	2.9
cis-1,2-Dichloroethene	210		1.6	1.6
1,2-Dichloroethene, Total	210		1.6	1.6
Chloroform	ND		2.0	2.0
Tetrahydrofuran	ND		29	29
1,1,1-Trichloroethane	ND		2.2	2.2

Analytical Data

Client: AECOM, Inc.

Job Number: 480-32226-1

Client Sample ID: AS Effluent-1Q13

Lab Sample ID: 480-32226-2

Date Sampled: 01/21/2013 0800

Client Matrix: Air

Date Received: 01/23/2013 0020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-51845	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggzp007.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/13/2013 1350			Final Weight/Volume:	200 mL
Prep Date:	02/13/2013 1350			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
Cyclohexane	ND		1.4	1.4
Carbon tetrachloride	ND		2.5	2.5
2,2,4-Trimethylpentane	ND		1.9	1.9
Benzene	ND		1.3	1.3
1,2-Dichloroethane	ND		1.6	1.6
n-Heptane	ND		1.6	1.6
Trichloroethene	92		2.1	2.1
1,2-Dichloropropane	ND		1.8	1.8
1,4-Dioxane	ND		36	36
Bromodichloromethane	ND		2.7	2.7
cis-1,3-Dichloropropene	ND		1.8	1.8
methyl isobutyl ketone	ND		4.1	4.1
Toluene	4.4		1.5	1.5
trans-1,3-Dichloropropene	ND		1.8	1.8
1,1,2-Trichloroethane	ND		2.2	2.2
Tetrachloroethene	ND		2.7	2.7
Methyl Butyl Ketone (2-Hexanone)	ND		4.1	4.1
Dibromochloromethane	ND		3.4	3.4
1,2-Dibromoethane	ND		3.1	3.1
Chlorobenzene	ND		1.8	1.8
Ethylbenzene	ND		1.7	1.7
m,p-Xylene	ND		4.3	4.3
Xylene, o-	ND		1.7	1.7
Xylene (total)	2.4		1.7	1.7
Styrene	ND		1.7	1.7
Bromoform	ND		4.1	4.1
1,1,2,2-Tetrachloroethane	ND		2.7	2.7
4-Ethyltoluene	ND		2.0	2.0
1,3,5-Trimethylbenzene	ND		2.0	2.0
2-Chlorotoluene	ND		2.1	2.1
1,2,4-Trimethylbenzene	ND		2.0	2.0
1,3-Dichlorobenzene	ND		2.4	2.4
1,4-Dichlorobenzene	ND		2.4	2.4
1,2-Dichlorobenzene	ND		2.4	2.4
1,2,4-Trichlorobenzene	ND		7.4	7.4
Hexachlorobutadiene	ND		4.3	4.3

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-32226-1

Method Blank - Batch: 200-51767

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-51767/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/11/2013 1331
 Prep Date: 02/11/2013 1331
 Leach Date: N/A

Analysis Batch: 200-51767
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: B.i
 Lab File ID: bkuaau05.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: 480-32226-1

Method Blank - Batch: 200-51767

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-51767/5
Client Matrix: Air
Dilution: 1.0
Analysis Date: 02/11/2013 1331
Prep Date: 02/11/2013 1331
Leach Date: N/A

Analysis Batch: 200-51767
Prep Batch: N/A
Leach Batch: N/A
Units: ppb v/v

Instrument ID: B.i
Lab File ID: bkuaau05.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: 480-32226-1

Method Blank - Batch: 200-51767

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-51767/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/11/2013 1331
 Prep Date: 02/11/2013 1331
 Leach Date: N/A

Analysis Batch: 200-51767
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: B.i
 Lab File ID: bkuaau05.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

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

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-32226-1

Method Blank - Batch: 200-51767

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-51767/5
Client Matrix: Air
Dilution: 1.0
Analysis Date: 02/11/2013 1331
Prep Date: 02/11/2013 1331
Leach Date: N/A

Analysis Batch: 200-51767
Prep Batch: N/A
Leach Batch: N/A
Units: ug/m3

Instrument ID: B.i
Lab File ID: bkuaau05.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

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

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-32226-1

Lab Control Sample - Batch: 200-51767

Method: TO-15

Preparation: Summa Canister

Lab Sample ID:	LCS 200-51767/4	Analysis Batch:	200-51767	Instrument ID:	B.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	bkuau04.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/11/2013 1239	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/11/2013 1239			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.9	119	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	11.1	111	70 - 130	
Chloromethane	10.0	10.7	107	70 - 130	
Vinyl chloride	10.0	10.9	109	70 - 130	
1,3-Butadiene	10.0	11.1	111	70 - 130	
Bromomethane	10.0	11.9	119	70 - 130	
Chloroethane	10.0	12.5	125	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	12.7	127	70 - 130	
Trichlorofluoromethane	10.0	10.6	106	70 - 130	
Freon TF	10.0	11.7	117	70 - 130	
1,1-Dichloroethene	10.0	12.5	125	70 - 130	
Acetone	10.0	10.8	108	70 - 130	
Isopropyl alcohol	10.0	10.8	108	70 - 130	
Carbon disulfide	10.0	11.8	118	70 - 130	
3-Chloropropene	10.0	12.0	120	70 - 130	
Methylene Chloride	10.0	12.6	126	70 - 130	
tert-Butyl alcohol	10.0	9.96	100	70 - 130	
Methyl tert-butyl ether	10.0	10.8	108	70 - 130	
trans-1,2-Dichloroethene	10.0	11.1	111	70 - 130	
n-Hexane	10.0	11.8	118	70 - 130	
1,1-Dichloroethane	10.0	11.3	113	70 - 130	
Methyl Ethyl Ketone	10.0	11.5	115	70 - 130	
cis-1,2-Dichloroethene	10.0	11.8	118	70 - 130	
Chloroform	10.0	10.6	106	70 - 130	
Tetrahydrofuran	10.0	12.5	125	70 - 130	
1,1,1-Trichloroethane	10.0	10.1	102	70 - 130	
Cyclohexane	10.0	11.6	116	70 - 130	
Carbon tetrachloride	10.0	9.44	94	70 - 130	
2,2,4-Trimethylpentane	10.0	11.9	119	70 - 130	
Benzene	10.0	11.6	116	70 - 130	
1,2-Dichloroethane	10.0	10.2	102	70 - 130	
n-Heptane	10.0	11.9	119	70 - 130	
Trichloroethene	10.0	10.7	107	70 - 130	
1,2-Dichloropropane	10.0	11.3	113	70 - 130	
1,4-Dioxane	10.0	10.3	103	70 - 130	
Bromodichloromethane	10.0	11.1	111	70 - 130	
cis-1,3-Dichloropropene	10.0	11.4	114	70 - 130	
methyl isobutyl ketone	10.0	12.6	126	70 - 130	
Toluene	10.0	11.2	112	70 - 130	
trans-1,3-Dichloropropene	10.0	11.0	110	70 - 130	
1,1,2-Trichloroethane	10.0	11.0	110	70 - 130	
Tetrachloroethene	10.0	9.81	98	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	12.1	121	70 - 130	
Dibromochloromethane	10.0	11.2	112	70 - 130	
1,2-Dibromoethane	10.0	11.0	110	70 - 130	
Chlorobenzene	10.0	10.7	107	70 - 130	

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-32226-1

Lab Control Sample - Batch: 200-51767

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-51767/4
Client Matrix: Air
Dilution: 1.0
Analysis Date: 02/11/2013 1239
Prep Date: 02/11/2013 1239
Leach Date: N/A

Analysis Batch: 200-51767
Prep Batch: N/A
Leach Batch: N/A
Units: ppb v/v

Instrument ID: B.i
Lab File ID: bkuaau04.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylbenzene	10.0	10.9	109	70 - 130	
m,p-Xylene	20.0	22.0	110	70 - 130	
Xylene, o-	10.0	11.0	110	70 - 130	
Styrene	10.0	11.6	116	70 - 130	
Bromoform	10.0	11.0	110	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	11.2	112	70 - 130	
4-Ethyltoluene	10.0	11.3	113	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.4	104	70 - 130	
2-Chlorotoluene	10.0	10.9	109	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.4	104	70 - 130	
1,3-Dichlorobenzene	10.0	10.4	104	70 - 130	
1,4-Dichlorobenzene	10.0	10.3	103	70 - 130	
1,2-Dichlorobenzene	10.0	10.0	100	70 - 130	
1,2,4-Trichlorobenzene	10.0	11.0	110	70 - 130	
Hexachlorobutadiene	10.0	8.56	86	70 - 130	

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-32226-1

Method Blank - Batch: 200-51845

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-51845/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/13/2013 1114
 Prep Date: 02/13/2013 1114
 Leach Date: N/A

Analysis Batch: 200-51845
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: G.i
 Lab File ID: ggzp004.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: 480-32226-1

Method Blank - Batch: 200-51845

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-51845/4
Client Matrix: Air
Dilution: 1.0
Analysis Date: 02/13/2013 1114
Prep Date: 02/13/2013 1114
Leach Date: N/A

Analysis Batch: 200-51845
Prep Batch: N/A
Leach Batch: N/A
Units: ppb v/v

Instrument ID: G.i
Lab File ID: ggzp004.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: 480-32226-1

Method Blank - Batch: 200-51845

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-51845/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/13/2013 1114
 Prep Date: 02/13/2013 1114
 Leach Date: N/A

Analysis Batch: 200-51845
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: G.i
 Lab File ID: ggzp004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

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

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-32226-1

Method Blank - Batch: 200-51845

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-51845/4
Client Matrix: Air
Dilution: 1.0
Analysis Date: 02/13/2013 1114
Prep Date: 02/13/2013 1114
Leach Date: N/A

Analysis Batch: 200-51845
Prep Batch: N/A
Leach Batch: N/A
Units: ug/m3

Instrument ID: G.i
Lab File ID: ggzp004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

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

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-32226-1

Lab Control Sample - Batch: 200-51845

Method: TO-15

Preparation: Summa Canister

Lab Sample ID:	LCS 200-51845/3	Analysis Batch:	200-51845	Instrument ID:	G.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	ggzp003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2013 1023	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/13/2013 1023			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	12.8	128	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	12.5	125	70 - 130	
Chloromethane	10.0	11.8	118	70 - 130	
Vinyl chloride	10.0	11.7	117	70 - 130	
1,3-Butadiene	10.0	12.0	120	70 - 130	
Bromomethane	10.0	11.9	119	70 - 130	
Chloroethane	10.0	11.9	119	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	12.1	121	70 - 130	
Trichlorofluoromethane	10.0	12.1	121	70 - 130	
Freon TF	10.0	12.9	129	70 - 130	
1,1-Dichloroethene	10.0	12.7	127	70 - 130	
Acetone	10.0	10.6	106	70 - 130	
Isopropyl alcohol	10.0	11.3	113	70 - 130	
Carbon disulfide	10.0	11.6	116	70 - 130	
3-Chloropropene	10.0	11.2	112	70 - 130	
Methylene Chloride	10.0	12.4	124	70 - 130	
tert-Butyl alcohol	10.0	10.9	109	70 - 130	
Methyl tert-butyl ether	10.0	11.0	110	70 - 130	
trans-1,2-Dichloroethene	10.0	11.6	116	70 - 130	
n-Hexane	10.0	11.5	115	70 - 130	
1,1-Dichloroethane	10.0	11.5	115	70 - 130	
Methyl Ethyl Ketone	10.0	9.66	97	70 - 130	
cis-1,2-Dichloroethene	10.0	10.5	105	70 - 130	
Chloroform	10.0	10.7	107	70 - 130	
Tetrahydrofuran	10.0	9.55	96	70 - 130	
1,1,1-Trichloroethane	10.0	10.6	106	70 - 130	
Cyclohexane	10.0	9.72	97	70 - 130	
Carbon tetrachloride	10.0	10.4	104	70 - 130	
2,2,4-Trimethylpentane	10.0	10.3	103	70 - 130	
Benzene	10.0	9.86	99	70 - 130	
1,2-Dichloroethane	10.0	10.9	109	70 - 130	
n-Heptane	10.0	10.2	102	70 - 130	
Trichloroethene	10.0	10.2	102	70 - 130	
1,2-Dichloropropane	10.0	9.58	96	70 - 130	
1,4-Dioxane	10.0	10.3	103	70 - 130	
Bromodichloromethane	10.0	10.8	108	70 - 130	
cis-1,3-Dichloropropene	10.0	9.90	99	70 - 130	
methyl isobutyl ketone	10.0	10.1	101	70 - 130	
Toluene	10.0	9.23	92	70 - 130	
trans-1,3-Dichloropropene	10.0	10.3	103	70 - 130	
1,1,2-Trichloroethane	10.0	8.96	90	70 - 130	
Tetrachloroethene	10.0	9.64	96	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.0	100	70 - 130	
Dibromochloromethane	10.0	10.5	105	70 - 130	
1,2-Dibromoethane	10.0	9.63	96	70 - 130	
Chlorobenzene	10.0	9.28	93	70 - 130	

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-32226-1

Lab Control Sample - Batch: 200-51845

Method: TO-15

Preparation: Summa Canister

Lab Sample ID:	LCS 200-51845/3	Analysis Batch:	200-51845	Instrument ID:	G.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	ggzp003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2013 1023	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/13/2013 1023			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylbenzene	10.0	9.52	95	70 - 130	
m,p-Xylene	20.0	19.0	95	70 - 130	
Xylene, o-	10.0	9.41	94	70 - 130	
Styrene	10.0	9.72	97	70 - 130	
Bromoform	10.0	10.6	106	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.41	94	70 - 130	
4-Ethyltoluene	10.0	10.8	108	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.98	100	70 - 130	
2-Chlorotoluene	10.0	10.3	103	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70 - 130	
1,3-Dichlorobenzene	10.0	10.4	104	70 - 130	
1,4-Dichlorobenzene	10.0	10.2	102	70 - 130	
1,2-Dichlorobenzene	10.0	10.1	101	70 - 130	
1,2,4-Trichlorobenzene	10.0	11.0	111	70 - 130	
Hexachlorobutadiene	10.0	10.2	102	70 - 130	

DATA REPORTING QUALIFIERS

Client: AECOM, Inc.

Job Number: 480-32226-1

Lab Section	Qualifier	Description
Air - GC/MS VOA	E	Result exceeded calibration range.

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-32226-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-51767					
LCS 200-51767/4	Lab Control Sample	T	Air	TO-15	
MB 200-51767/5	Method Blank	T	Air	TO-15	
480-32226-1	LRP Effluent-1Q13	T	Air	TO-15	
480-32226-2	AS Effluent-1Q13	T	Air	TO-15	
Analysis Batch:200-51845					
LCS 200-51845/3	Lab Control Sample	T	Air	TO-15	
MB 200-51845/4	Method Blank	T	Air	TO-15	
480-32226-1	LRP Effluent-1Q13	T	Air	TO-15	
480-32226-2	AS Effluent-1Q13	T	Air	TO-15	

Report Basis

T = Total

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-32226-1

Laboratory Chronicle

Lab ID: 480-32226-1

Client ID: LRP Effluent-1Q13

Sample Date/Time: 01/21/2013 08:00

Received Date/Time: 01/23/2013 00:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	480-32226-A-1		200-51767		02/12/2013 00:01	127	TAL BUR	PAD
A:TO-15	480-32226-A-1		200-51767		02/12/2013 00:01	127	TAL BUR	PAD
P:Summa Canister	480-32226-A-1		200-51845		02/13/2013 12:59	307.6	TAL BUR	MTP
A:TO-15	480-32226-A-1		200-51845		02/13/2013 12:59	307.6	TAL BUR	MTP

Lab ID: 480-32226-2

Client ID: AS Effluent-1Q13

Sample Date/Time: 01/21/2013 08:00

Received Date/Time: 01/23/2013 00:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	480-32226-A-2		200-51767		02/12/2013 00:54	1	TAL BUR	PAD
A:TO-15	480-32226-A-2		200-51767		02/12/2013 00:54	1	TAL BUR	PAD
P:Summa Canister	480-32226-A-2		200-51845		02/13/2013 13:50	2	TAL BUR	MTP
A:TO-15	480-32226-A-2		200-51845		02/13/2013 13:50	2	TAL BUR	MTP

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 200-51767/5		200-51767		02/11/2013 13:31	1	TAL BUR	PAD
A:TO-15	MB 200-51767/5		200-51767		02/11/2013 13:31	1	TAL BUR	PAD
P:Summa Canister	MB 200-51845/4		200-51845		02/13/2013 11:14	1	TAL BUR	MTP
A:TO-15	MB 200-51845/4		200-51845		02/13/2013 11:14	1	TAL BUR	MTP

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 200-51767/4		200-51767		02/11/2013 12:39	1	TAL BUR	PAD
A:TO-15	LCS 200-51767/4		200-51767		02/11/2013 12:39	1	TAL BUR	PAD
P:Summa Canister	LCS 200-51845/3		200-51845		02/13/2013 10:23	1	TAL BUR	MTP
A:TO-15	LCS 200-51845/3		200-51845		02/13/2013 10:23	1	TAL BUR	MTP

Lab References:

TAL BUR = TestAmerica Burlington

Certification Summary

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

TestAmerica Job ID: 480-32226-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act	State Program	3	NA
TestAmerica Burlington	Florida	NELAP	4	E87467
TestAmerica Burlington	L-A-B	DoD ELAP		L2336
TestAmerica Burlington	Louisiana	NELAP	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	NELAP	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAP	1	200610
TestAmerica Burlington	New Jersey	NELAP	2	VT972
TestAmerica Burlington	New York	NELAP	2	10391
TestAmerica Burlington	Pennsylvania	NELAP	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAP	3	460209

Accreditation may not be offered or required for all methods and analytes reported in this package Please contact your project manager for the laboratory's current list of certified methods and analytes.

TO15

Volatile Organic Compounds in
Ambient Air

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: bkuaau04.d
 Lab ID: LCS 200-51767/4 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.9	119	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.1	111	70-130	
Chloromethane	10.0	10.7	107	70-130	
Vinyl chloride	10.0	10.9	109	70-130	
1,3-Butadiene	10.0	11.1	111	70-130	
Bromomethane	10.0	11.9	119	70-130	
Chloroethane	10.0	12.5	125	70-130	
Bromoethene (Vinyl Bromide)	10.0	12.7	127	70-130	
Trichlorofluoromethane	10.0	10.6	106	70-130	
Freon TF	10.0	11.7	117	70-130	
1,1-Dichloroethene	10.0	12.5	125	70-130	
Acetone	10.0	10.8	108	70-130	
Isopropyl alcohol	10.0	10.8	108	70-130	
Carbon disulfide	10.0	11.8	118	70-130	
3-Chloropropene	10.0	12.0	120	70-130	
Methylene Chloride	10.0	12.6	126	70-130	
tert-Butyl alcohol	10.0	9.96	100	70-130	
Methyl tert-butyl ether	10.0	10.8	108	70-130	
trans-1,2-Dichloroethene	10.0	11.1	111	70-130	
n-Hexane	10.0	11.8	118	70-130	
1,1-Dichloroethane	10.0	11.3	113	70-130	
Methyl Ethyl Ketone	10.0	11.5	115	70-130	
cis-1,2-Dichloroethene	10.0	11.8	118	70-130	
Chloroform	10.0	10.6	106	70-130	
Tetrahydrofuran	10.0	12.5	125	70-130	
1,1,1-Trichloroethane	10.0	10.1	102	70-130	
Cyclohexane	10.0	11.6	116	70-130	
Carbon tetrachloride	10.0	9.44	94	70-130	
2,2,4-Trimethylpentane	10.0	11.9	119	70-130	
Benzene	10.0	11.6	116	70-130	
1,2-Dichloroethane	10.0	10.2	102	70-130	
n-Heptane	10.0	11.9	119	70-130	
Trichloroethene	10.0	10.7	107	70-130	
1,2-Dichloropropane	10.0	11.3	113	70-130	
1,4-Dioxane	10.0	10.3	103	70-130	
Bromodichloromethane	10.0	11.1	111	70-130	
cis-1,3-Dichloropropene	10.0	11.4	114	70-130	
methyl isobutyl ketone	10.0	12.6	126	70-130	
Toluene	10.0	11.2	112	70-130	
trans-1,3-Dichloropropene	10.0	11.0	110	70-130	
1,1,2-Trichloroethane	10.0	11.0	110	70-130	
Tetrachloroethene	10.0	9.81	98	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.: 480-32226-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: bkuaau04.d
 Lab ID: LCS 200-51767/4 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	12.1	121	70-130	
Dibromochloromethane	10.0	11.2	112	70-130	
1,2-Dibromoethane	10.0	11.0	110	70-130	
Chlorobenzene	10.0	10.7	107	70-130	
Ethylbenzene	10.0	10.9	109	70-130	
m,p-Xylene	20.0	22.0	110	70-130	
Xylene, o-	10.0	11.0	110	70-130	
Styrene	10.0	11.6	116	70-130	
Bromoform	10.0	11.0	110	70-130	
1,1,2,2-Tetrachloroethane	10.0	11.2	112	70-130	
4-Ethyltoluene	10.0	11.3	113	70-130	
1,3,5-Trimethylbenzene	10.0	10.4	104	70-130	
2-Chlorotoluene	10.0	10.9	109	70-130	
1,2,4-Trimethylbenzene	10.0	10.4	104	70-130	
1,3-Dichlorobenzene	10.0	10.4	104	70-130	
1,4-Dichlorobenzene	10.0	10.3	103	70-130	
1,2-Dichlorobenzene	10.0	10.0	100	70-130	
1,2,4-Trichlorobenzene	10.0	11.0	110	70-130	
Hexachlorobutadiene	10.0	8.56	86	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.: 480-32226-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: ggzp003.d
 Lab ID: LCS 200-51845/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	12.8	128	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.5	125	70-130	
Chloromethane	10.0	11.8	118	70-130	
Vinyl chloride	10.0	11.7	117	70-130	
1,3-Butadiene	10.0	12.0	120	70-130	
Bromomethane	10.0	11.9	119	70-130	
Chloroethane	10.0	11.9	119	70-130	
Bromoethene (Vinyl Bromide)	10.0	12.1	121	70-130	
Trichlorofluoromethane	10.0	12.1	121	70-130	
Freon TF	10.0	12.9	129	70-130	
1,1-Dichloroethene	10.0	12.7	127	70-130	
Acetone	10.0	10.6	106	70-130	
Isopropyl alcohol	10.0	11.3	113	70-130	
Carbon disulfide	10.0	11.6	116	70-130	
3-Chloropropene	10.0	11.2	112	70-130	
Methylene Chloride	10.0	12.4	124	70-130	
tert-Butyl alcohol	10.0	10.9	109	70-130	
Methyl tert-butyl ether	10.0	11.0	110	70-130	
trans-1,2-Dichloroethene	10.0	11.6	116	70-130	
n-Hexane	10.0	11.5	115	70-130	
1,1-Dichloroethane	10.0	11.5	115	70-130	
Methyl Ethyl Ketone	10.0	9.66	97	70-130	
cis-1,2-Dichloroethene	10.0	10.5	105	70-130	
Chloroform	10.0	10.7	107	70-130	
Tetrahydrofuran	10.0	9.55	96	70-130	
1,1,1-Trichloroethane	10.0	10.6	106	70-130	
Cyclohexane	10.0	9.72	97	70-130	
Carbon tetrachloride	10.0	10.4	104	70-130	
2,2,4-Trimethylpentane	10.0	10.3	103	70-130	
Benzene	10.0	9.86	99	70-130	
1,2-Dichloroethane	10.0	10.9	109	70-130	
n-Heptane	10.0	10.2	102	70-130	
Trichloroethene	10.0	10.2	102	70-130	
1,2-Dichloropropane	10.0	9.58	96	70-130	
1,4-Dioxane	10.0	10.3	103	70-130	
Bromodichloromethane	10.0	10.8	108	70-130	
cis-1,3-Dichloropropene	10.0	9.90	99	70-130	
methyl isobutyl ketone	10.0	10.1	101	70-130	
Toluene	10.0	9.23	92	70-130	
trans-1,3-Dichloropropene	10.0	10.3	103	70-130	
1,1,2-Trichloroethane	10.0	8.96	90	70-130	
Tetrachloroethene	10.0	9.64	96	70-130	

Column to be used to flag recovery and RPD values

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: ggzp003.d
 Lab ID: LCS 200-51845/3 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	10.0	100	70-130	
Dibromochloromethane	10.0	10.5	105	70-130	
1,2-Dibromoethane	10.0	9.63	96	70-130	
Chlorobenzene	10.0	9.28	93	70-130	
Ethylbenzene	10.0	9.52	95	70-130	
m,p-Xylene	20.0	19.0	95	70-130	
Xylene, o-	10.0	9.41	94	70-130	
Styrene	10.0	9.72	97	70-130	
Bromoform	10.0	10.6	106	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.41	94	70-130	
4-Ethyltoluene	10.0	10.8	108	70-130	
1,3,5-Trimethylbenzene	10.0	9.98	100	70-130	
2-Chlorotoluene	10.0	10.3	103	70-130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70-130	
1,3-Dichlorobenzene	10.0	10.4	104	70-130	
1,4-Dichlorobenzene	10.0	10.2	102	70-130	
1,2-Dichlorobenzene	10.0	10.1	101	70-130	
1,2,4-Trichlorobenzene	10.0	11.0	111	70-130	
Hexachlorobutadiene	10.0	10.2	102	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.: 480-32226-1
SDG No.: _____
Lab File ID: bkuaau05.d Lab Sample ID: MB 200-51767/5
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: B.i Date Analyzed: 02/11/2013 13:31
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 200-51767/4	bkuaau04.d	02/11/2013 12:39
LRP Effluent-1Q13	480-32226-1	bkuaau17.d	02/12/2013 00:01
AS Effluent-1Q13	480-32226-2	bkuaau18.d	02/12/2013 00:54

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
SDG No.: _____
Lab File ID: ggzp004.d Lab Sample ID: MB 200-51845/4
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: G.i Date Analyzed: 02/13/2013 11:14
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 200-51845/3	ggzp003.d	02/13/2013 10:23
LRP Effluent-1Q13	480-32226-1	ggzp006.d	02/13/2013 12:59
AS Effluent-1Q13	480-32226-2	ggzp007.d	02/13/2013 13:50

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab File ID: bku001.d BFB Injection Date: 10/31/2012
 Instrument ID: B.i BFB Injection Time: 16:15
 Analysis Batch No.: 47421

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	13.1
75	30.0 - 66.0% of mass 95	42.7
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.4 (0.4) 1
174	50.0 - 120.0% of mass 95	106.6
175	4.0 - 9.0 % of mass 174	7.6 (7.1) 1
176	93.0 - 101.0% of mass 174	103.3 (96.9) 1
177	5.0 - 9.0% of mass 176	7.1 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-47421/3	bku003.d	10/31/2012	18:01
	IC 200-47421/4	bku004.d	10/31/2012	18:53
	IC 200-47421/5	bku005.d	10/31/2012	19:46
	IC 200-47421/6	bku006.d	10/31/2012	20:38
	ICIS 200-47421/7	bku007.d	10/31/2012	21:31
	IC 200-47421/8	bku008.d	10/31/2012	22:23
	IC 200-47421/9	bku009.d	10/31/2012	23:15
	IC 200-47421/10	bku010.d	11/01/2012	00:08
	ICV 200-47421/13	bku013.d	11/01/2012	02:45

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab File ID: bkuaau01.d BFB Injection Date: 02/11/2013
 Instrument ID: B.i BFB Injection Time: 10:09
 Analysis Batch No.: 51767

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.2
75	30.0 - 66.0% of mass 95	42.9
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.5 (0.5) 1
174	50.0 - 120.0% of mass 95	96.1
175	4.0 - 9.0 % of mass 174	6.9 (7.2) 1
176	93.0 - 101.0% of mass 174	93.4 (97.2) 1
177	5.0 - 9.0% of mass 176	6.2 (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 200-51767/3	bkuaau03.d	02/11/2013	11:49
	LCS 200-51767/4	bkuaau04.d	02/11/2013	12:39
	MB 200-51767/5	bkuaau05.d	02/11/2013	13:31
LRP Effluent-1Q13	480-32226-1	bkuaau17.d	02/12/2013	00:01
AS Effluent-1Q13	480-32226-2	bkuaau18.d	02/12/2013	00:54

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab File ID: ggz001.d BFB Injection Date: 01/25/2013
 Instrument ID: G.i BFB Injection Time: 08:52
 Analysis Batch No.: 51182

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	10.5
75	30.0 - 66.0% of mass 95	37.0
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	0.5 (0.6) 1
174	50.0 - 120.0% of mass 95	94.7
175	4.0 - 9.0 % of mass 174	6.5 (6.9) 1
176	93.0 - 101.0% of mass 174	91.7 (96.9) 1
177	5.0 - 9.0% of mass 176	6.0 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-51182/3	ggz003.d	01/25/2013	10:40
	IC 200-51182/4	ggz004.d	01/25/2013	11:31
	IC 200-51182/5	ggz005.d	01/25/2013	12:21
	IC 200-51182/6	ggz006.d	01/25/2013	13:11
	ICIS 200-51182/7	ggz007.d	01/25/2013	14:01
	IC 200-51182/8	ggz008.d	01/25/2013	14:51
	IC 200-51182/9	ggz009.d	01/25/2013	15:42
	IC 200-51182/10	ggz010.d	01/25/2013	16:32
	ICV 200-51182/12	ggz012.d	01/25/2013	18:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab File ID: ggzp001.d BFB Injection Date: 02/13/2013
 Instrument ID: G.i BFB Injection Time: 08:42
 Analysis Batch No.: 51845

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	10.9
75	30.0 - 66.0% of mass 95	37.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.5) 1
174	50.0 - 120.0% of mass 95	94.6
175	4.0 - 9.0 % of mass 174	6.5 (6.9) 1
176	93.0 - 101.0% of mass 174	90.6 (95.8) 1
177	5.0 - 9.0% of mass 176	5.7 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-51845/2	ggzp002.d	02/13/2013	09:32
	LCS 200-51845/3	ggzp003.d	02/13/2013	10:23
	MB 200-51845/4	ggzp004.d	02/13/2013	11:14
LRP Effluent-1Q13	480-32226-1	ggzp006.d	02/13/2013	12:59
AS Effluent-1Q13	480-32226-2	ggzp007.d	02/13/2013	13:50

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
SDG No.: _____
Sample No.: ICIS 200-47421/7 Date Analyzed: 10/31/2012 21:31
Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm)
Lab File ID (Standard): bku007.d Heated Purge: (Y/N) N
Calibration ID: 18639

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	340369	9.11	1573499	10.52	1430449	14.66	
UPPER LIMIT	476517	9.44	2202899	10.85	2002629	14.99	
LOWER LIMIT	204221	8.78	944099	10.19	858269	14.33	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-47421/13		377866	9.11	1727813	10.53	1563465	14.66

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

Area Limit = 60%-140% of internal standard area
RT Limit = $\pm$ 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.: 480-32226-1
 SDG No.: _____
 Sample No.: CCVIS 200-51767/3 Date Analyzed: 02/11/2013 11:49
 Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): bkuaau03.d Heated Purge: (Y/N) N
 Calibration ID: 18639

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		404039	9.10	1860280	10.52	1698035	14.65
UPPER LIMIT		565655	9.43	2604392	10.85	2377249	14.98
LOWER LIMIT		242423	8.77	1116168	10.19	1018821	14.32
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 200-51767/4		440600	9.10	2015695	10.52	1869349	14.65
MB 200-51767/5		446289	9.10	2077796	10.51	1828788	14.65
480-32226-1		LRP Effluent-1Q13	435523	9.10	2016561	10.52	1719627
480-32226-2		AS Effluent-1Q13	400133	9.10	1879974	10.51	1606034

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

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 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.: 480-32226-1
 SDG No.: _____
 Sample No.: ICIS 200-51182/7 Date Analyzed: 01/25/2013 14:01
 Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): ggz007.d Heated Purge: (Y/N) N
 Calibration ID: 20149

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	669123	10.24	3960652	12.27	4446167	18.41	
UPPER LIMIT	936772	10.57	5544913	12.60	6224634	18.74	
LOWER LIMIT	401474	9.91	2376391	11.94	2667700	18.08	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-51182/12		633664	10.24	3286600	12.27	3793804	18.41

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

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 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.: 480-32226-1
 SDG No.: _____
 Sample No.: CCVIS 200-51845/2 Date Analyzed: 02/13/2013 09:32
 Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): ggzp002.d Heated Purge: (Y/N) N
 Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		669498	10.23	4064612	12.26	4733007	18.39
UPPER LIMIT		937297	10.56	5690457	12.59	6626210	18.72
LOWER LIMIT		401699	9.90	2438767	11.93	2839804	18.06
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 200-51845/3		663351	10.23	3943333	12.26	4455635	18.39
MB 200-51845/4		533336	10.22	3771745	12.25	3544440	18.39
480-32226-1		LRP Effluent-1Q13	616312	4103766	12.26	3962249	18.39
480-32226-2		AS Effluent-1Q13	662428	4048160	12.25	4477789	18.39

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

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 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.: 480-32226-1

SDG No.: _____

Client Sample ID: LRP Effluent-1Q13 Lab Sample ID: 480-32226-1

Matrix: Air Lab File ID: bkuaaul7.d

Analysis Method: TO-15 Date Collected: 01/21/2013 08:00

Sample wt/vol: 75 (mL) Date Analyzed: 02/12/2013 00:01

Soil Aliquot Vol: _____ Dilution Factor: 127

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51767 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		64	64
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		25	25
74-87-3	Chloromethane	50.49	ND		64	64
75-01-4	Vinyl chloride	62.50	710		25	25
106-99-0	1,3-Butadiene	54.09	ND		25	25
74-83-9	Bromomethane	94.94	ND		25	25
75-00-3	Chloroethane	64.52	ND		64	64
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		25	25
75-69-4	Trichlorofluoromethane	137.37	ND		25	25
76-13-1	Freon TF	187.38	ND		25	25
75-35-4	1,1-Dichloroethene	96.94	61		25	25
67-64-1	Acetone	58.08	ND		640	640
67-63-0	Isopropyl alcohol	60.10	ND		640	640
75-15-0	Carbon disulfide	76.14	ND		64	64
107-05-1	3-Chloropropene	76.53	ND		64	64
75-09-2	Methylene Chloride	84.93	ND		64	64
75-65-0	tert-Butyl alcohol	74.12	ND		640	640
1634-04-4	Methyl tert-butyl ether	88.15	ND		25	25
156-60-5	trans-1,2-Dichloroethene	96.94	25		25	25
110-54-3	n-Hexane	86.17	ND		25	25
75-34-3	1,1-Dichloroethane	98.96	250		25	25
78-93-3	Methyl Ethyl Ketone	72.11	ND		64	64
156-59-2	cis-1,2-Dichloroethene	96.94	8500	E	25	25
540-59-0	1,2-Dichloroethene, Total	96.94	8500		25	25
67-66-3	Chloroform	119.38	ND		25	25
109-99-9	Tetrahydrofuran	72.11	ND		640	640
71-55-6	1,1,1-Trichloroethane	133.41	110		25	25
110-82-7	Cyclohexane	84.16	ND		25	25
56-23-5	Carbon tetrachloride	153.81	ND		25	25
540-84-1	2,2,4-Trimethylpentane	114.23	ND		25	25
71-43-2	Benzene	78.11	ND		25	25
107-06-2	1,2-Dichloroethane	98.96	ND		25	25
142-82-5	n-Heptane	100.21	ND		25	25
79-01-6	Trichloroethene	131.39	8400	E	25	25

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Client Sample ID: LRP Effluent-1Q13 Lab Sample ID: 480-32226-1
 Matrix: Air Lab File ID: bkuaaul7.d
 Analysis Method: TO-15 Date Collected: 01/21/2013 08:00
 Sample wt/vol: 75 (mL) Date Analyzed: 02/12/2013 00:01
 Soil Aliquot Vol: _____ Dilution Factor: 127
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 51767 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		25	25
123-91-1	1,4-Dioxane	88.11	ND		640	640
75-27-4	Bromodichloromethane	163.83	ND		25	25
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		25	25
108-10-1	methyl isobutyl ketone	100.16	ND		64	64
108-88-3	Toluene	92.14	34		25	25
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		25	25
79-00-5	1,1,2-Trichloroethane	133.41	ND		25	25
127-18-4	Tetrachloroethene	165.83	ND		25	25
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		64	64
124-48-1	Dibromochloromethane	208.29	ND		25	25
106-93-4	1,2-Dibromoethane	187.87	ND		25	25
108-90-7	Chlorobenzene	112.30	ND		25	25
100-41-4	Ethylbenzene	106.17	ND		25	25
179601-23-1	m,p-Xylene	106.17	ND		64	64
95-47-6	Xylene, o-	106.17	ND		25	25
1330-20-7	Xylene (total)	106.17	ND		25	25
100-42-5	Styrene	104.15	ND		25	25
75-25-2	Bromoform	252.75	ND		25	25
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		25	25
622-96-8	4-Ethyltoluene	120.20	ND		25	25
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		25	25
95-49-8	2-Chlorotoluene	126.59	ND		25	25
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		25	25
541-73-1	1,3-Dichlorobenzene	147.00	ND		25	25
106-46-7	1,4-Dichlorobenzene	147.00	ND		25	25
95-50-1	1,2-Dichlorobenzene	147.00	ND		25	25
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		64	64
87-68-3	Hexachlorobutadiene	260.76	ND		25	25

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: LRP Effluent-1Q13 Lab Sample ID: 480-32226-1

Matrix: Air Lab File ID: bkuaaul7.d

Analysis Method: TO-15 Date Collected: 01/21/2013 08:00

Sample wt/vol: 75 (mL) Date Analyzed: 02/12/2013 00:01

Soil Aliquot Vol: _____ Dilution Factor: 127

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51767 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		310	310
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		180	180
74-87-3	Chloromethane	50.49	ND		130	130
75-01-4	Vinyl chloride	62.50	1800		65	65
106-99-0	1,3-Butadiene	54.09	ND		56	56
74-83-9	Bromomethane	94.94	ND		99	99
75-00-3	Chloroethane	64.52	ND		170	170
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		110	110
75-69-4	Trichlorofluoromethane	137.37	ND		140	140
76-13-1	Freon TF	187.38	ND		190	190
75-35-4	1,1-Dichloroethene	96.94	240		100	100
67-64-1	Acetone	58.08	ND		1500	1500
67-63-0	Isopropyl alcohol	60.10	ND		1600	1600
75-15-0	Carbon disulfide	76.14	ND		200	200
107-05-1	3-Chloropropene	76.53	ND		200	200
75-09-2	Methylene Chloride	84.93	ND		220	220
75-65-0	tert-Butyl alcohol	74.12	ND		1900	1900
1634-04-4	Methyl tert-butyl ether	88.15	ND		92	92
156-60-5	trans-1,2-Dichloroethene	96.94	100		100	100
110-54-3	n-Hexane	86.17	ND		90	90
75-34-3	1,1-Dichloroethane	98.96	1000		100	100
78-93-3	Methyl Ethyl Ketone	72.11	ND		190	190
156-59-2	cis-1,2-Dichloroethene	96.94	34000	E	100	100
540-59-0	1,2-Dichloroethene, Total	96.94	34000		100	100
67-66-3	Chloroform	119.38	ND		120	120
109-99-9	Tetrahydrofuran	72.11	ND		1900	1900
71-55-6	1,1,1-Trichloroethane	133.41	620		140	140
110-82-7	Cyclohexane	84.16	ND		87	87
56-23-5	Carbon tetrachloride	153.81	ND		160	160
540-84-1	2,2,4-Trimethylpentane	114.23	ND		120	120
71-43-2	Benzene	78.11	ND		81	81
107-06-2	1,2-Dichloroethane	98.96	ND		100	100
142-82-5	n-Heptane	100.21	ND		100	100
79-01-6	Trichloroethene	131.39	45000	E	140	140

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: LRP Effluent-1Q13 Lab Sample ID: 480-32226-1

Matrix: Air Lab File ID: bkuaaul7.d

Analysis Method: TO-15 Date Collected: 01/21/2013 08:00

Sample wt/vol: 75 (mL) Date Analyzed: 02/12/2013 00:01

Soil Aliquot Vol: _____ Dilution Factor: 127

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51767 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		120	120
123-91-1	1,4-Dioxane	88.11	ND		2300	2300
75-27-4	Bromodichloromethane	163.83	ND		170	170
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		120	120
108-10-1	methyl isobutyl ketone	100.16	ND		260	260
108-88-3	Toluene	92.14	130		96	96
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		120	120
79-00-5	1,1,2-Trichloroethane	133.41	ND		140	140
127-18-4	Tetrachloroethene	165.83	ND		170	170
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		260	260
124-48-1	Dibromochloromethane	208.29	ND		220	220
106-93-4	1,2-Dibromoethane	187.87	ND		200	200
108-90-7	Chlorobenzene	112.30	ND		120	120
100-41-4	Ethylbenzene	106.17	ND		110	110
179601-23-1	m,p-Xylene	106.17	ND		280	280
95-47-6	Xylene, o-	106.17	ND		110	110
1330-20-7	Xylene (total)	106.17	ND		110	110
100-42-5	Styrene	104.15	ND		110	110
75-25-2	Bromoform	252.75	ND		260	260
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		170	170
622-96-8	4-Ethyltoluene	120.20	ND		120	120
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		120	120
95-49-8	2-Chlorotoluene	126.59	ND		130	130
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		120	120
541-73-1	1,3-Dichlorobenzene	147.00	ND		150	150
106-46-7	1,4-Dichlorobenzene	147.00	ND		150	150
95-50-1	1,2-Dichlorobenzene	147.00	ND		150	150
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		470	470
87-68-3	Hexachlorobutadiene	260.76	ND		270	270

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 480-32226-1
Client Smp ID: LRP Effluent-1Q13
Inj Date : 12-FEB-2013 00:01
Operator : pad
Smp Info : 480-32226-A-1
Misc Info : 75,127, to15all cdf47.68
Comment :
Method : /chem/B.i/Bsvr.p/bkuaau15.b/to15v5.m
Meth Date : 11-Feb-2013 13:54 pd
Cal Date : 31-OCT-2012 18:01
Als bottle: 6
Dil Factor: 127.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bku003.d
Compound Sublist: T015all.sub

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

Name	Value	Description
DF	127.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	75.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS					CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE	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	3.472	3.478	(0.382)	111071	5.55326	710
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	5.767	5.767	(0.634)	17680	0.47744	61
20 Acetone	43	6.050	5.943	(0.665)	6085	0.14095	18(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		Compound Not Detected.				
25 Methylene chloride	49	6.706	6.712 (0.737)		1748	0.05900	7.5(a)
26 Tert-butyl alcohol	59		Compound Not Detected.				
27 Methyl tert-butyl ether	73		Compound Not Detected.				
28 1,2-Dichloroethene (trans)	61	7.112	7.112 (0.782)		9844	0.19898	25(a)
30 n-Hexane	57		Compound Not Detected.				
31 1,1-Dichloroethane	63	7.832	7.843 (0.861)		118894	1.95601	250
M 33 1,2-Dichloroethene, Total	61				2814364	66.8944	8500
34 1,2-Dichloroethene (cis)	96	8.734	8.750 (0.960)		2804520	66.6955	8500(A)
36 Methyl Ethyl Ketone	72		Compound Not Detected.				
* 37 Bromochloromethane	128	9.097	9.113 (1.000)		435523	10.0000	
38 Tetrahydrofuran	42		Compound Not Detected.				
39 Chloroform	83		Compound Not Detected.				
40 Cyclohexane	84		Compound Not Detected.				
41 1,1,1-Trichloroethane	97	9.423	9.434 (0.896)		84424	0.88910	110
42 Carbon tetrachloride	117		Compound Not Detected.				
43 2,2,4-Trimethylpentane	57		Compound Not Detected.				
44 Benzene	78		Compound Not Detected.				
45 1,2-Dichloroethane	62		Compound Not Detected.				
46 n-Heptane	43		Compound Not Detected.				
* 47 1,4-Difluorobenzene	114	10.517	10.522 (1.000)		2016561	10.0000	
49 Trichloroethene	95	10.869	10.885 (1.033)		3952413	66.4209	8400(A)
50 1,2-Dichloropropane	63		Compound Not Detected.				
53 1,4-Dioxane	88		Compound Not Detected.				
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	12.678	12.668 (0.866)		23098	0.26503	34
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	14.647	14.658 (1.000)		1719627	10.0000	
66 Chlorobenzene	112		Compound Not Detected.				
68 Ethylbenzene	91		Compound Not Detected.				
69 Xylene (m,p)	106		Compound Not Detected.				
M 70 Xylenes, Total	106		Compound Not Detected.				
71 Xylene (o)	106		Compound Not Detected.				
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.				

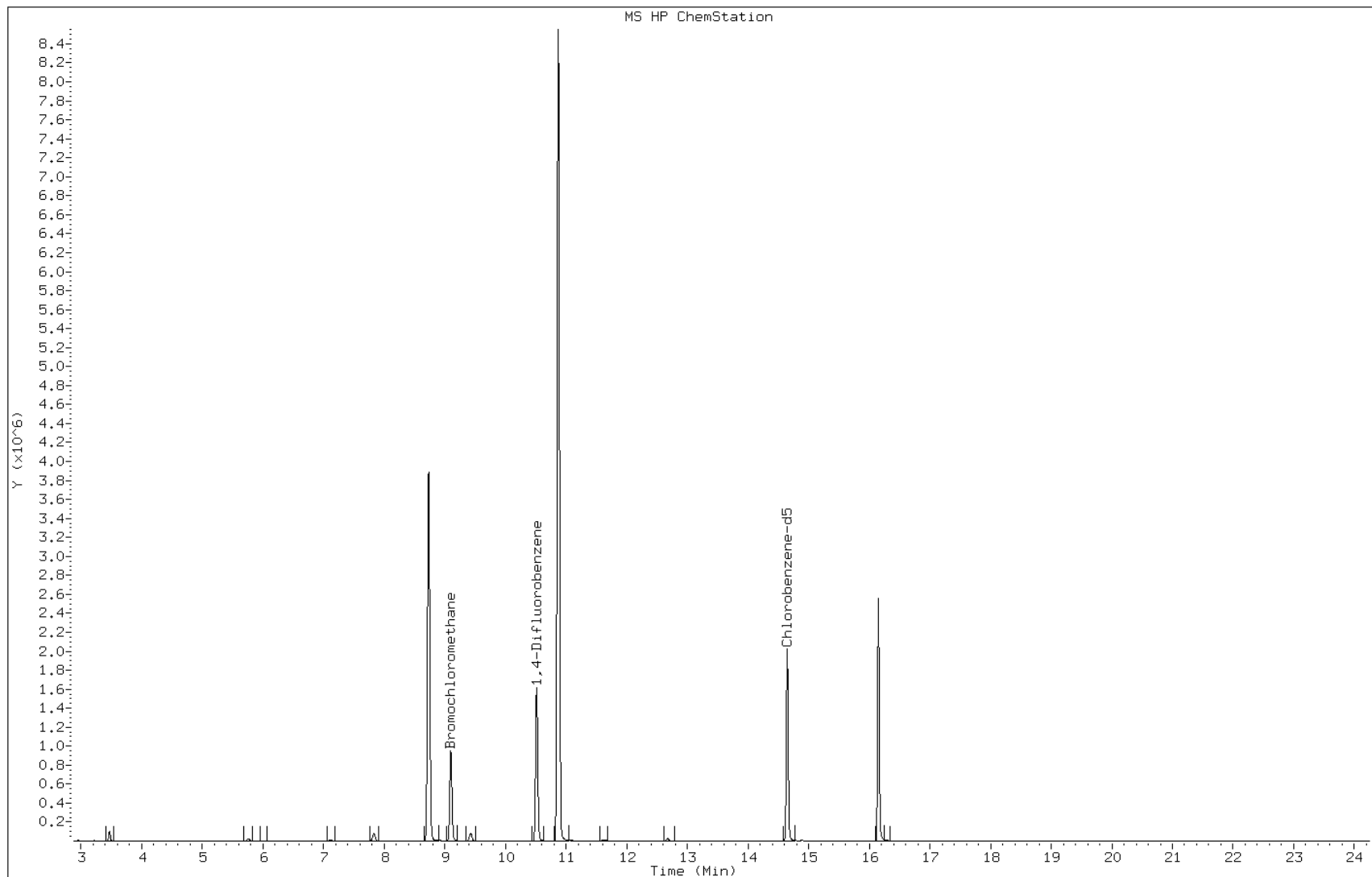
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
87 1,3-Dichlorobenzene	146				Compound Not Detected.		
88 1,4-Dichlorobenzene	146				Compound Not Detected.		
92 1,2-Dichlorobenzene	146				Compound 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).
- A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: bkuaau17.d
Client ID: LRP Effluent-1Q13
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 480-32226-A-1
Lab Sample ID: 480-32226-1

Date: 12-FEB-2013 00:01
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



Data File: bkuaau17.d

Lab Sample ID: 480-32226-1

Date: 12-FEB-2013 00:01

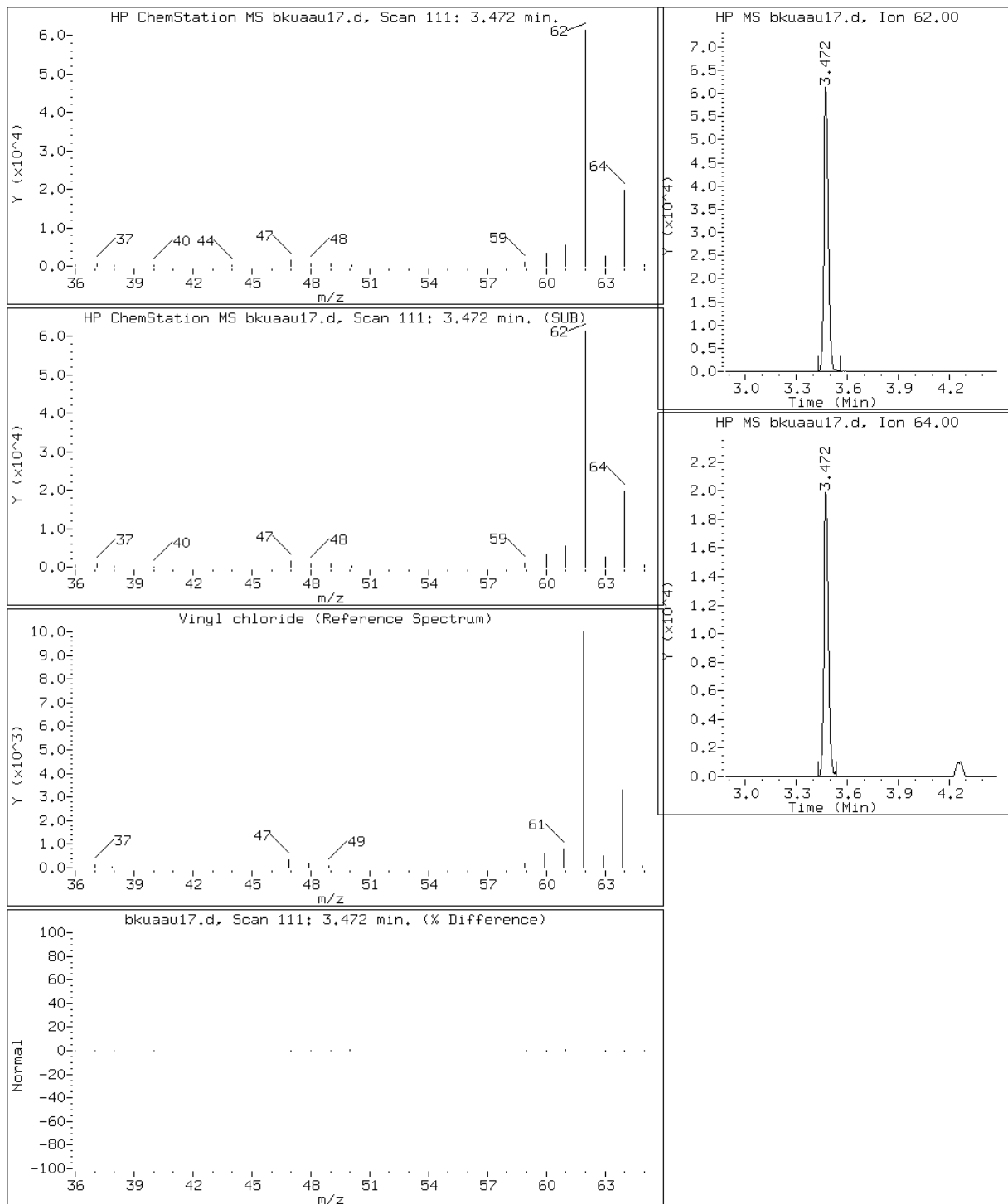
Client ID: LRP Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-1

Operator: pad

7 Vinyl chloride



Data File: bkuaau17.d

Lab Sample ID: 480-32226-1

Date: 12-FEB-2013 00:01

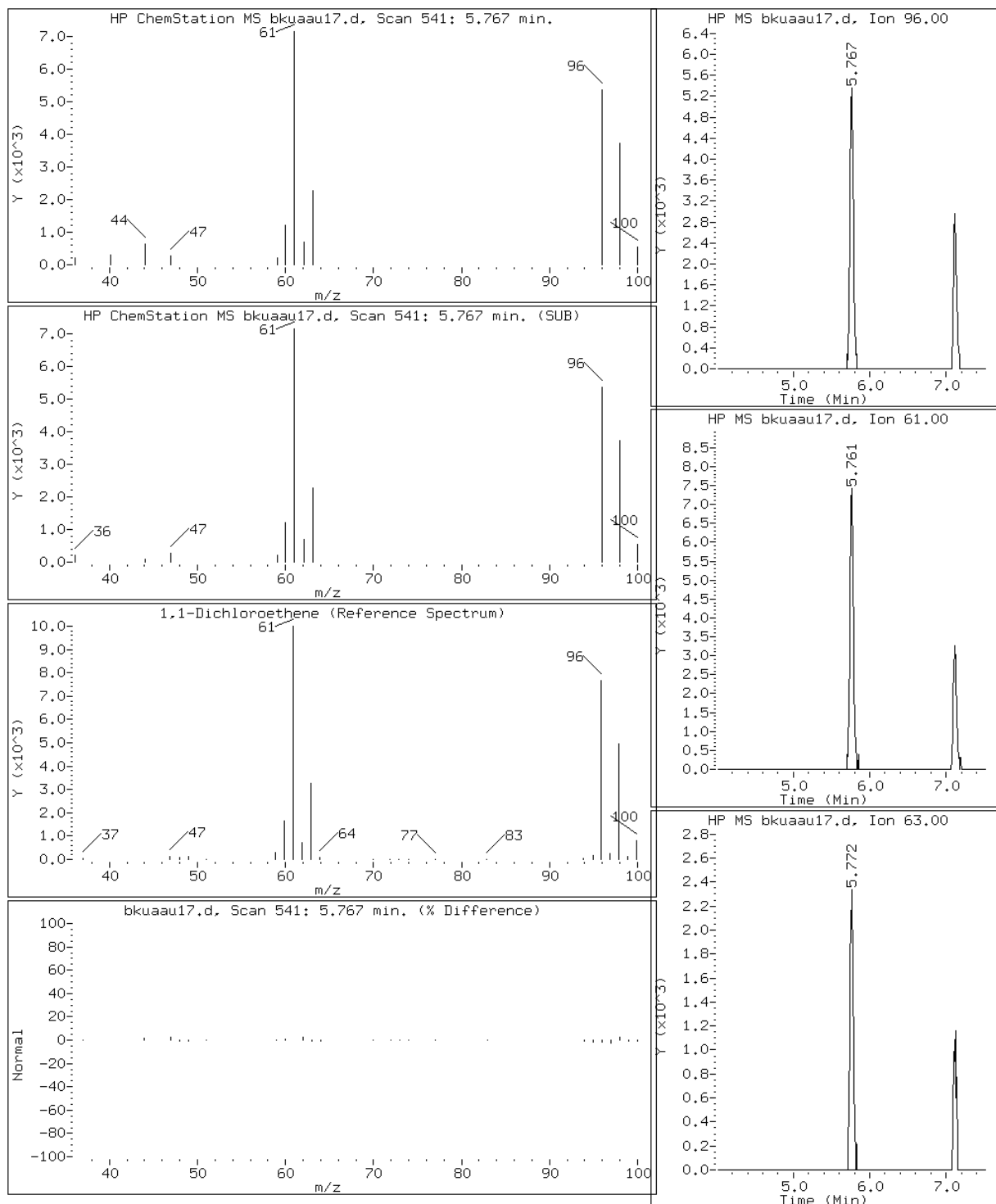
Client ID: LRP Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-1

Operator: pad

19 1,1-Dichloroethene



Data File: bkuaau17.d

Lab Sample ID: 480-32226-1

Date: 12-FEB-2013 00:01

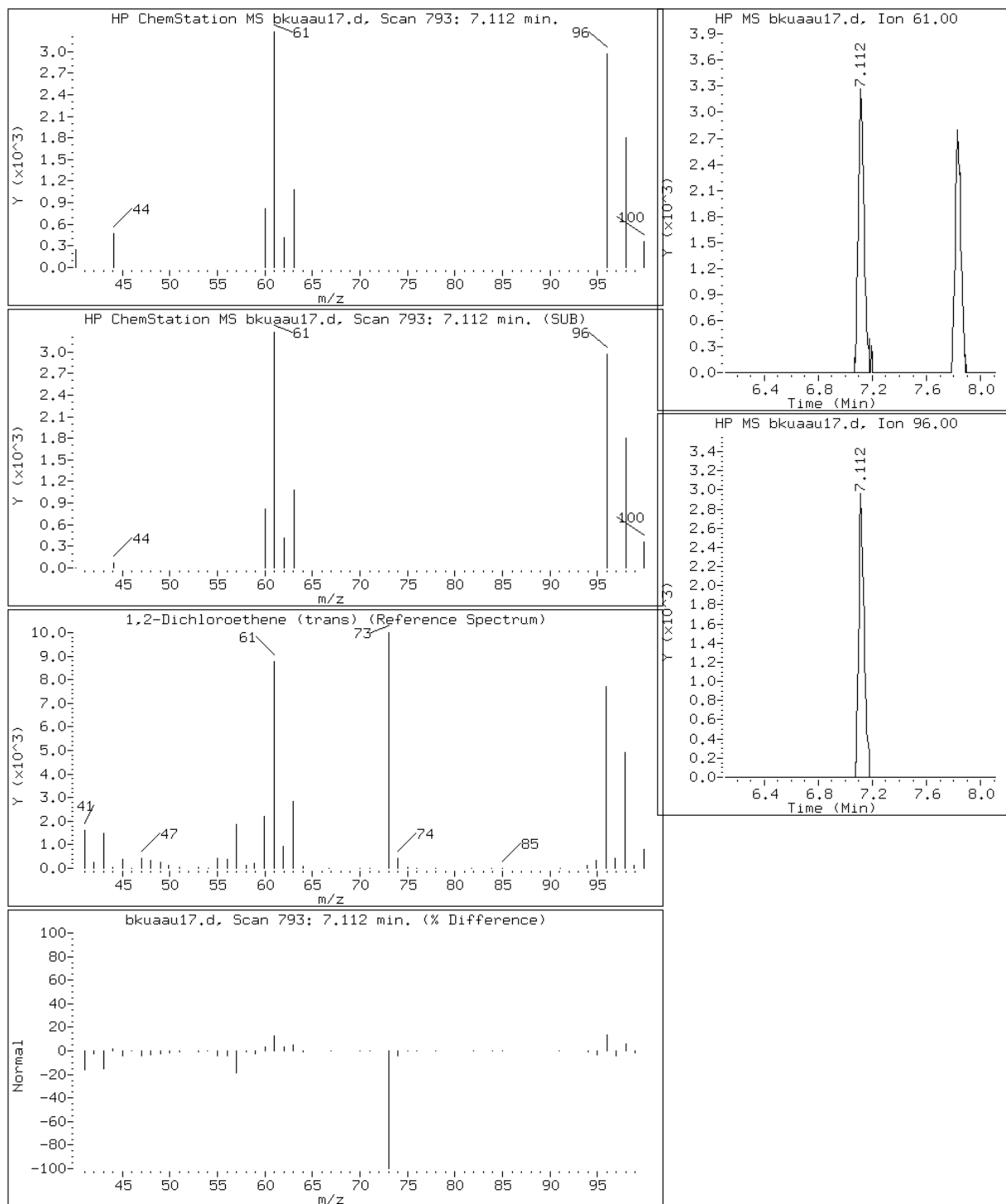
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Instrument: B.i

Sample Info: 480-32226-A-1

Operator: pad

28 1,2-Dichloroethene (trans)



Data File: bkuaau17.d

Lab Sample ID: 480-32226-1

Date: 12-FEB-2013 00:01

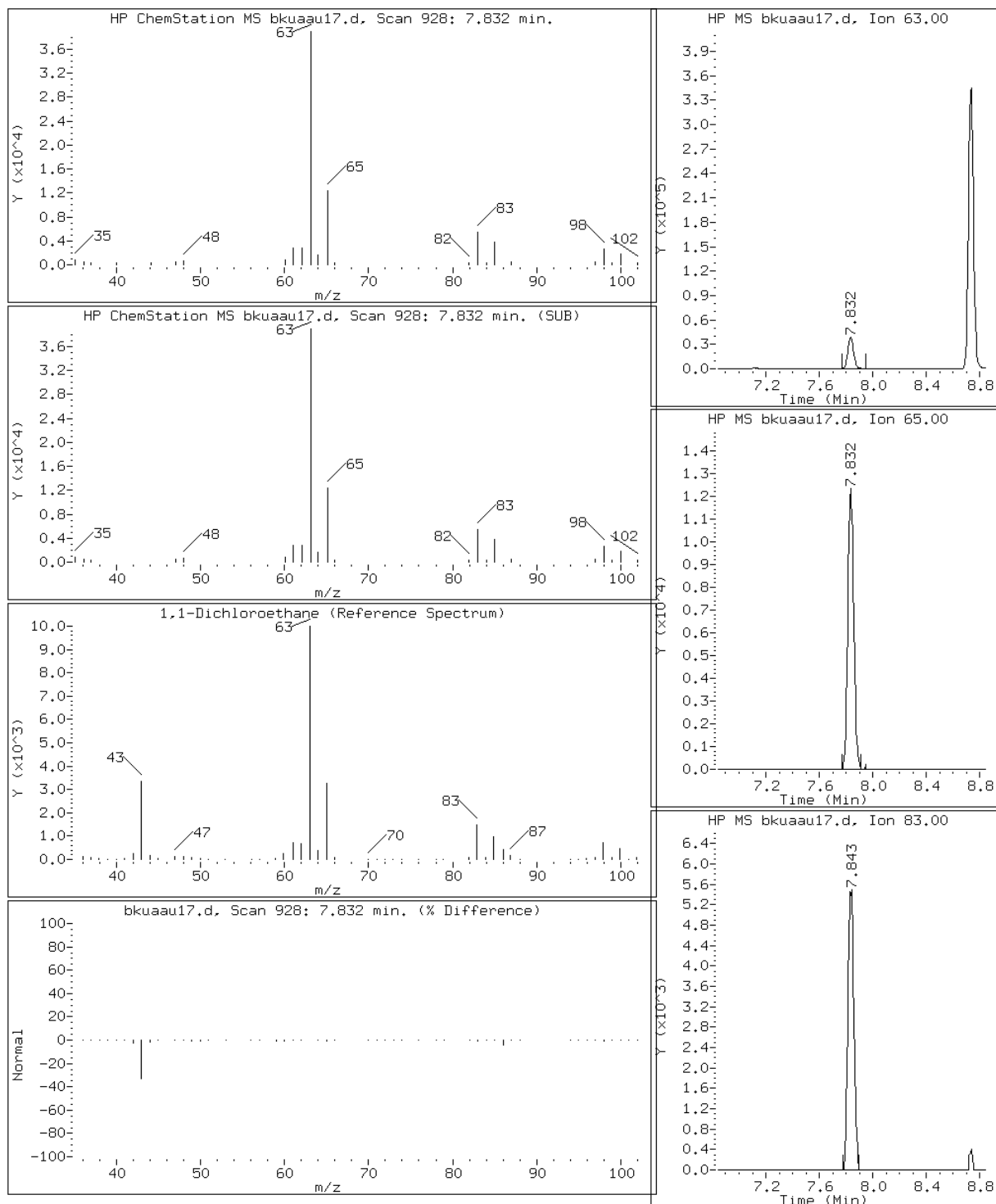
Client ID: LRP Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-1

Operator: pad

31 1,1-Dichloroethane



Data File: bkuaau17.d

Lab Sample ID: 480-32226-1

Date: 12-FEB-2013 00:01

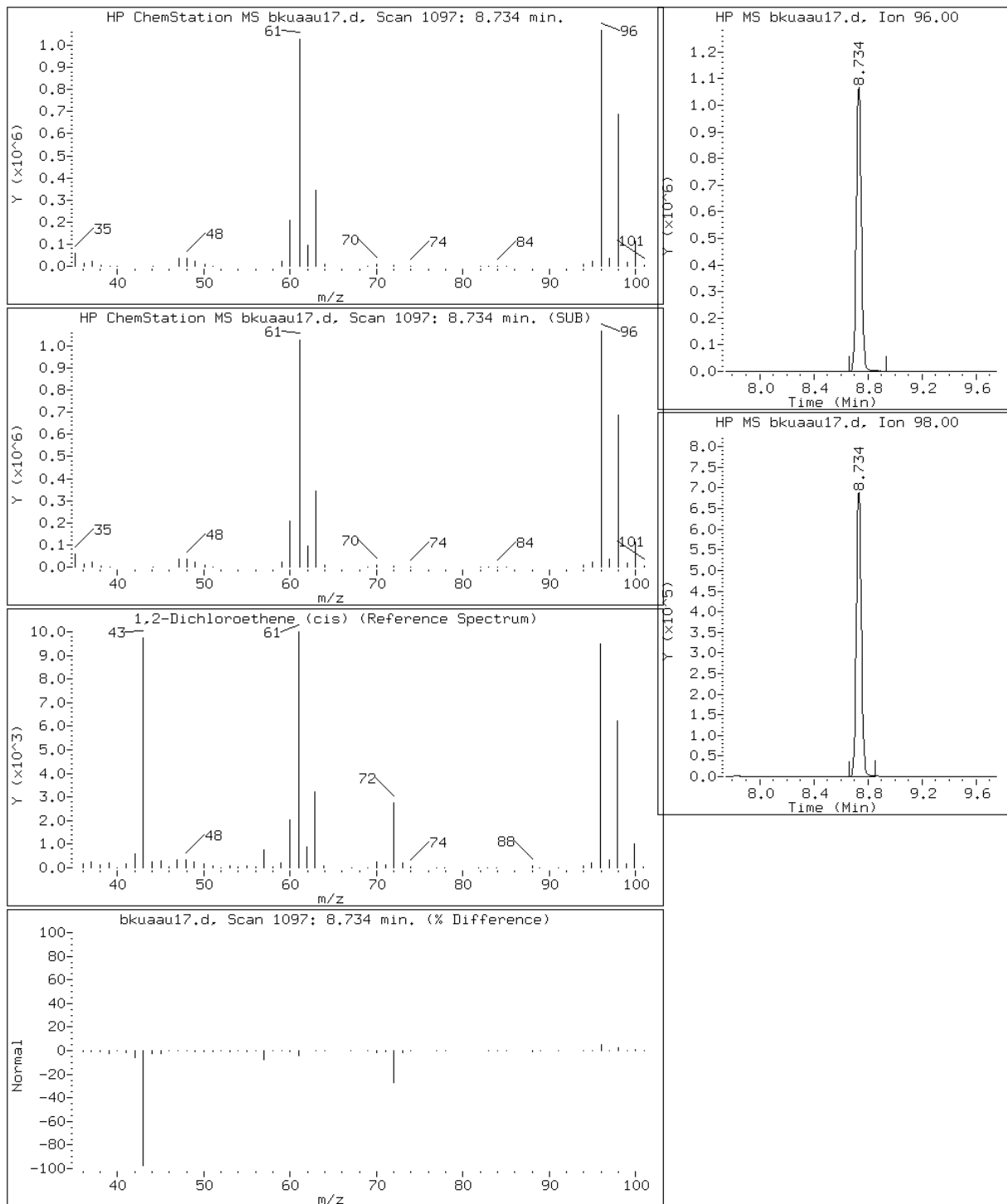
Client ID: LRP Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-1

Operator: pad

34 1,2-Dichloroethene (cis)



Data File: bkuaau17.d

Lab Sample ID: 480-32226-1

Date: 12-FEB-2013 00:01

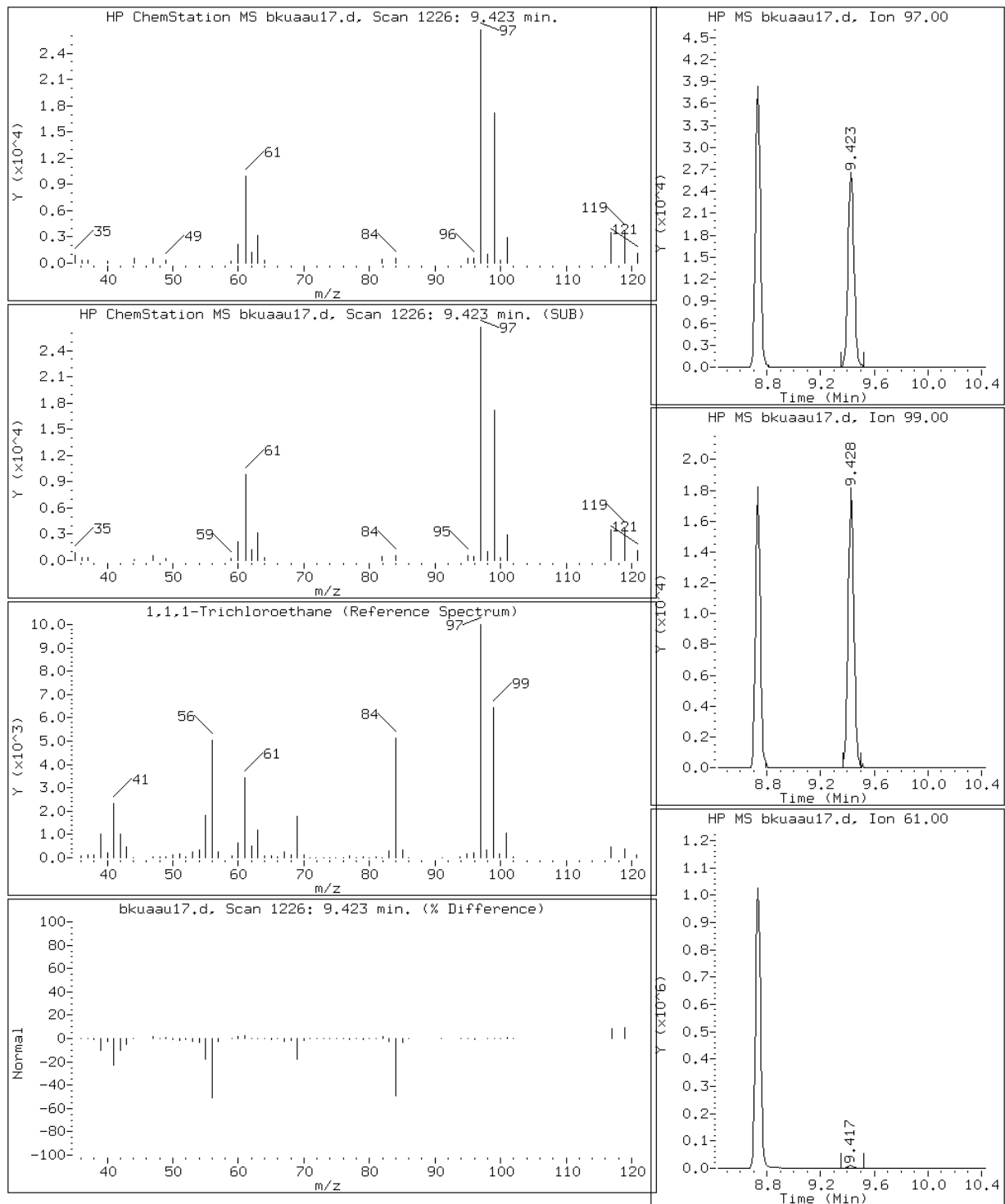
Client ID: LRP Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-1

Operator: pad

41 1,1,1-Trichloroethane



Data File: bkuaau17.d

Lab Sample ID: 480-32226-1

Date: 12-FEB-2013 00:01

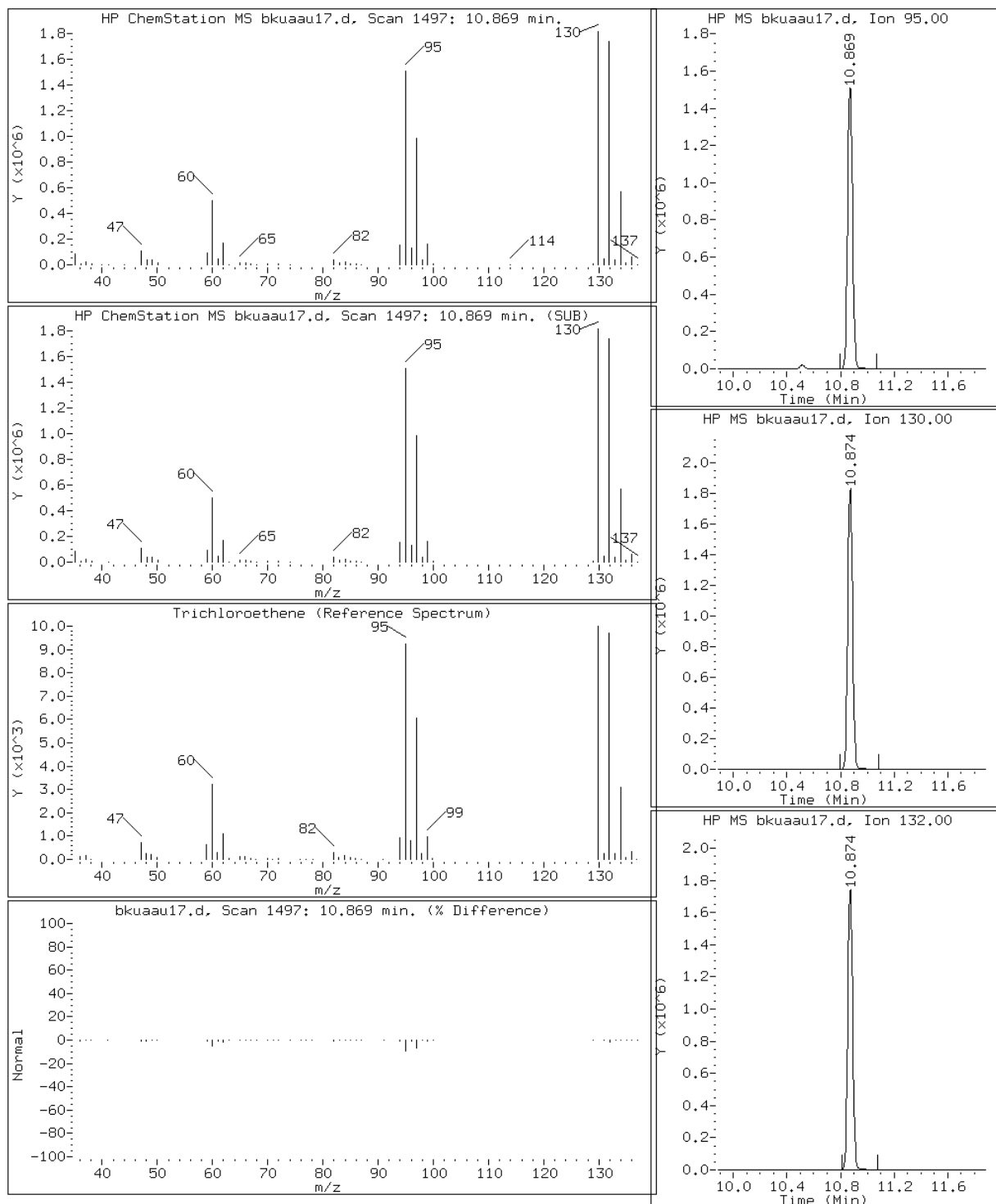
Client ID: LRP Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-1

Operator: pad

49 Trichloroethene



Data File: bkuaau17.d

Lab Sample ID: 480-32226-1

Date: 12-FEB-2013 00:01

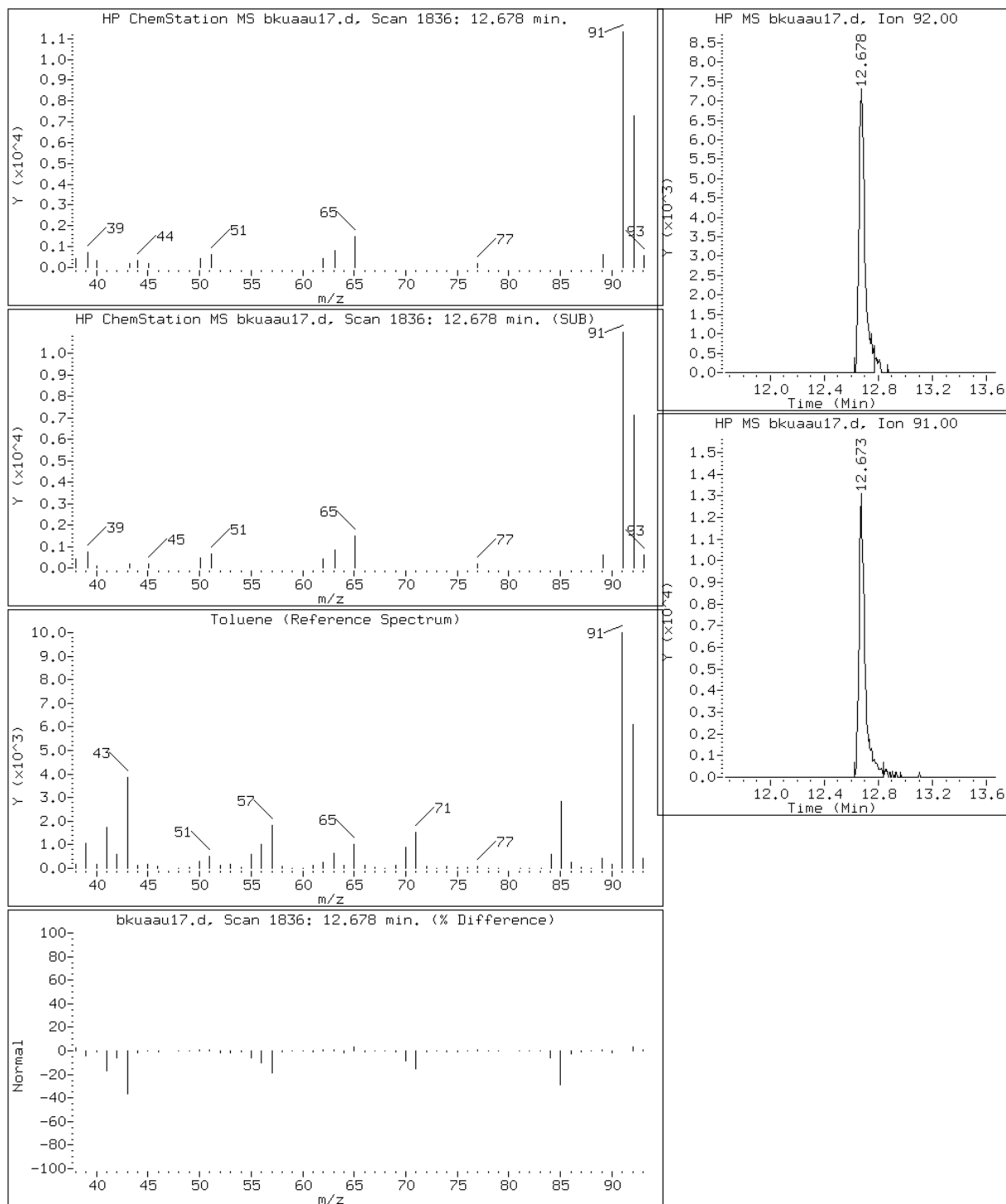
Client ID: LRP Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-1

Operator: pad

58 Toluene



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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: LRP Effluent-1Q13 Lab Sample ID: 480-32226-1

Matrix: Air Lab File ID: ggzp006.d

Analysis Method: TO-15 Date Collected: 01/21/2013 08:00

Sample wt/vol: 31 (mL) Date Analyzed: 02/13/2013 12:59

Soil Aliquot Vol: _____ Dilution Factor: 307.6

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		150	150
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		62	62
74-87-3	Chloromethane	50.49	ND		150	150
75-01-4	Vinyl chloride	62.50	1000		62	62
106-99-0	1,3-Butadiene	54.09	ND		62	62
74-83-9	Bromomethane	94.94	ND		62	62
75-00-3	Chloroethane	64.52	ND		150	150
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		62	62
75-69-4	Trichlorofluoromethane	137.37	ND		62	62
76-13-1	Freon TF	187.38	ND		62	62
75-35-4	1,1-Dichloroethene	96.94	93		62	62
67-64-1	Acetone	58.08	ND		1500	1500
67-63-0	Isopropyl alcohol	60.10	ND		1500	1500
75-15-0	Carbon disulfide	76.14	ND		150	150
107-05-1	3-Chloropropene	76.53	ND		150	150
75-09-2	Methylene Chloride	84.93	ND		150	150
75-65-0	tert-Butyl alcohol	74.12	ND		1500	1500
1634-04-4	Methyl tert-butyl ether	88.15	ND		62	62
156-60-5	trans-1,2-Dichloroethene	96.94	ND		62	62
110-54-3	n-Hexane	86.17	ND		62	62
75-34-3	1,1-Dichloroethane	98.96	340		62	62
78-93-3	Methyl Ethyl Ketone	72.11	ND		150	150
156-59-2	cis-1,2-Dichloroethene	96.94	9800		62	62
540-59-0	1,2-Dichloroethene, Total	96.94	9900		62	62
67-66-3	Chloroform	119.38	ND		62	62
109-99-9	Tetrahydrofuran	72.11	ND		1500	1500
71-55-6	1,1,1-Trichloroethane	133.41	150		62	62
110-82-7	Cyclohexane	84.16	ND		62	62
56-23-5	Carbon tetrachloride	153.81	ND		62	62
540-84-1	2,2,4-Trimethylpentane	114.23	ND		62	62
71-43-2	Benzene	78.11	ND		62	62
107-06-2	1,2-Dichloroethane	98.96	ND		62	62
142-82-5	n-Heptane	100.21	ND		62	62
79-01-6	Trichloroethene	131.39	11000		62	62

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Client Sample ID: LRP Effluent-1Q13 Lab Sample ID: 480-32226-1
 Matrix: Air Lab File ID: ggzp006.d
 Analysis Method: TO-15 Date Collected: 01/21/2013 08:00
 Sample wt/vol: 31 (mL) Date Analyzed: 02/13/2013 12:59
 Soil Aliquot Vol: _____ Dilution Factor: 307.6
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		62	62
123-91-1	1,4-Dioxane	88.11	ND		1500	1500
75-27-4	Bromodichloromethane	163.83	ND		62	62
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		62	62
108-10-1	methyl isobutyl ketone	100.16	ND		150	150
108-88-3	Toluene	92.14	ND		62	62
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		62	62
79-00-5	1,1,2-Trichloroethane	133.41	ND		62	62
127-18-4	Tetrachloroethene	165.83	ND		62	62
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		150	150
124-48-1	Dibromochloromethane	208.29	ND		62	62
106-93-4	1,2-Dibromoethane	187.87	ND		62	62
108-90-7	Chlorobenzene	112.30	ND		62	62
100-41-4	Ethylbenzene	106.17	ND		62	62
179601-23-1	m,p-Xylene	106.17	ND		150	150
95-47-6	Xylene, o-	106.17	ND		62	62
1330-20-7	Xylene (total)	106.17	ND		62	62
100-42-5	Styrene	104.15	ND		62	62
75-25-2	Bromoform	252.75	ND		62	62
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		62	62
622-96-8	4-Ethyltoluene	120.20	ND		62	62
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		62	62
95-49-8	2-Chlorotoluene	126.59	ND		62	62
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		62	62
541-73-1	1,3-Dichlorobenzene	147.00	ND		62	62
106-46-7	1,4-Dichlorobenzene	147.00	ND		62	62
95-50-1	1,2-Dichlorobenzene	147.00	ND		62	62
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		150	150
87-68-3	Hexachlorobutadiene	260.76	ND		62	62

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: LRP Effluent-1Q13 Lab Sample ID: 480-32226-1

Matrix: Air Lab File ID: ggzp006.d

Analysis Method: TO-15 Date Collected: 01/21/2013 08:00

Sample wt/vol: 31 (mL) Date Analyzed: 02/13/2013 12:59

Soil Aliquot Vol: _____ Dilution Factor: 307.6

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51845 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		760	760
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		430	430
74-87-3	Chloromethane	50.49	ND		320	320
75-01-4	Vinyl chloride	62.50	2600		160	160
106-99-0	1,3-Butadiene	54.09	ND		140	140
74-83-9	Bromomethane	94.94	ND		240	240
75-00-3	Chloroethane	64.52	ND		410	410
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		270	270
75-69-4	Trichlorofluoromethane	137.37	ND		350	350
76-13-1	Freon TF	187.38	ND		470	470
75-35-4	1,1-Dichloroethene	96.94	370		240	240
67-64-1	Acetone	58.08	ND		3700	3700
67-63-0	Isopropyl alcohol	60.10	ND		3800	3800
75-15-0	Carbon disulfide	76.14	ND		480	480
107-05-1	3-Chloropropene	76.53	ND		480	480
75-09-2	Methylene Chloride	84.93	ND		530	530
75-65-0	tert-Butyl alcohol	74.12	ND		4700	4700
1634-04-4	Methyl tert-butyl ether	88.15	ND		220	220
156-60-5	trans-1,2-Dichloroethene	96.94	ND		240	240
110-54-3	n-Hexane	86.17	ND		220	220
75-34-3	1,1-Dichloroethane	98.96	1400		250	250
78-93-3	Methyl Ethyl Ketone	72.11	ND		450	450
156-59-2	cis-1,2-Dichloroethene	96.94	39000		240	240
540-59-0	1,2-Dichloroethene, Total	96.94	39000		240	240
67-66-3	Chloroform	119.38	ND		300	300
109-99-9	Tetrahydrofuran	72.11	ND		4500	4500
71-55-6	1,1,1-Trichloroethane	133.41	830		340	340
110-82-7	Cyclohexane	84.16	ND		210	210
56-23-5	Carbon tetrachloride	153.81	ND		390	390
540-84-1	2,2,4-Trimethylpentane	114.23	ND		290	290
71-43-2	Benzene	78.11	ND		200	200
107-06-2	1,2-Dichloroethane	98.96	ND		250	250
142-82-5	n-Heptane	100.21	ND		250	250
79-01-6	Trichloroethene	131.39	57000		330	330

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Client Sample ID: LRP Effluent-1Q13 Lab Sample ID: 480-32226-1
 Matrix: Air Lab File ID: ggzp006.d
 Analysis Method: TO-15 Date Collected: 01/21/2013 08:00
 Sample wt/vol: 31 (mL) Date Analyzed: 02/13/2013 12:59
 Soil Aliquot Vol: _____ Dilution Factor: 307.6
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 51845 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		280	280
123-91-1	1,4-Dioxane	88.11	ND		5500	5500
75-27-4	Bromodichloromethane	163.83	ND		410	410
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		280	280
108-10-1	methyl isobutyl ketone	100.16	ND		630	630
108-88-3	Toluene	92.14	ND		230	230
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		280	280
79-00-5	1,1,2-Trichloroethane	133.41	ND		340	340
127-18-4	Tetrachloroethene	165.83	ND		420	420
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		630	630
124-48-1	Dibromochloromethane	208.29	ND		520	520
106-93-4	1,2-Dibromoethane	187.87	ND		470	470
108-90-7	Chlorobenzene	112.30	ND		280	280
100-41-4	Ethylbenzene	106.17	ND		270	270
179601-23-1	m,p-Xylene	106.17	ND		670	670
95-47-6	Xylene, o-	106.17	ND		270	270
1330-20-7	Xylene (total)	106.17	ND		270	270
100-42-5	Styrene	104.15	ND		260	260
75-25-2	Bromoform	252.75	ND		640	640
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		420	420
622-96-8	4-Ethyltoluene	120.20	ND		300	300
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		300	300
95-49-8	2-Chlorotoluene	126.59	ND		320	320
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		300	300
541-73-1	1,3-Dichlorobenzene	147.00	ND		370	370
106-46-7	1,4-Dichlorobenzene	147.00	ND		370	370
95-50-1	1,2-Dichlorobenzene	147.00	ND		370	370
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		1100	1100
87-68-3	Hexachlorobutadiene	260.76	ND		660	660

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 480-32226-1
Client Smp ID: LRP Effluent-1Q13
Inj Date : 13-FEB-2013 12:59
Operator : MTP
Smp Info : 480-32226-A-1
Misc Info : 31,307.6, all.sub,cdf47.68
Comment :
Method : /chem/G.i/Gsvr.p/ggzpt015.b/to15v5.m
Meth Date : 13-Feb-2013 10:53 mtp
Cal Date : 25-JAN-2013 16:32
Als bottle: 5
Dil Factor: 307.60000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: G.i
Quant Type: ISTD
Cal File: ggz010.d
Compound Sublist: allT015.sub

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

Name	Value	Description
DF	307.60000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	31.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS					CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE	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	3.696	3.702	(0.362)	86869	3.33577	1000
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 (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
15 Ethanol	45				Compound Not Detected.		
16 Ethyl ether	59				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		
18 Acrolein	56				Compound Not Detected.		
19 1,1-Dichloroethene	96	6.296	6.302	(0.616)	9646	0.30354	93
20 Acetone	43				Compound Not Detected.		
21 Carbon disulfide	76				Compound Not Detected.		
22 Isopropanol	45				Compound Not Detected.		
23 Allyl chloride	41				Compound Not Detected.		
24 Acetonitrile	41				Compound Not Detected.		
25 Methylene chloride	49	7.329	7.361	(0.717)	1776	0.06800	21(a)
26 Tert-butyl alcohol	59				Compound Not Detected.		
27 Methyl tert-butyl ether	73				Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61	7.816	7.832	(0.765)	4447	0.11166	34(a)
29 Acrylonitrile	53				Compound Not Detected.		
30 n-Hexane	57				Compound Not Detected.		
31 1,1-Dichloroethane	63	8.656	8.677	(0.847)	57627	1.11011	340
32 Vinyl acetate	43				Compound Not Detected.		
M 33 1,2-Dichloroethene,Total	61				1528776	32.1241	9900
34 1,2-Dichloroethene (cis)	96	9.768	9.790	(0.956)	1524329	32.0124	9800
35 Ethyl acetate	88				Compound Not Detected.		
36 Methyl Ethyl Ketone	72				Compound Not Detected.		
* 37 Bromochloromethane	128	10.223	10.244	(1.000)	616312	10.0000	
38 Tetrahydrofuran	42				Compound Not Detected.		
39 Chloroform	83				Compound Not Detected.		
40 Cyclohexane	84				Compound Not Detected.		
41 1,1,1-Trichloroethane	97	10.683	10.699	(0.872)	70423	0.49241	150
42 Carbon tetrachloride	117				Compound Not Detected.		
43 2,2,4-Trimethylpentane	57				Compound Not Detected.		
44 Benzene	78				Compound Not Detected.		
45 1,2-Dichloroethane	62				Compound Not Detected.		
46 n-Heptane	43				Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	12.256	12.272	(1.000)	4103766	10.0000	
48 n-Butanol	56				Compound Not Detected.		
49 Trichloroethene	95	12.748	12.769	(1.040)	3735850	34.4069	11000
50 1,2-Dichloropropane	63				Compound Not Detected.		
51 Methyl methacrylate	69				Compound Not Detected.		
52 Dibromomethane	174				Compound Not Detected.		
53 1,4-Dioxane	88				Compound Not Detected.		
54 Bromodichloromethane	83				Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75				Compound Not Detected.		
56 Methyl isobutyl ketone	43				Compound Not Detected.		
57 n-Octane	43				Compound Not Detected.		
58 Toluene	92	15.466	15.487	(0.841)	24034	0.16293	50(a)
59 1,3-Dichloropropene (trans)	75				Compound Not Detected.		
60 1,1,2-Trichloroethane	83				Compound Not Detected.		
61 Tetrachloroethene	166				Compound Not Detected.		

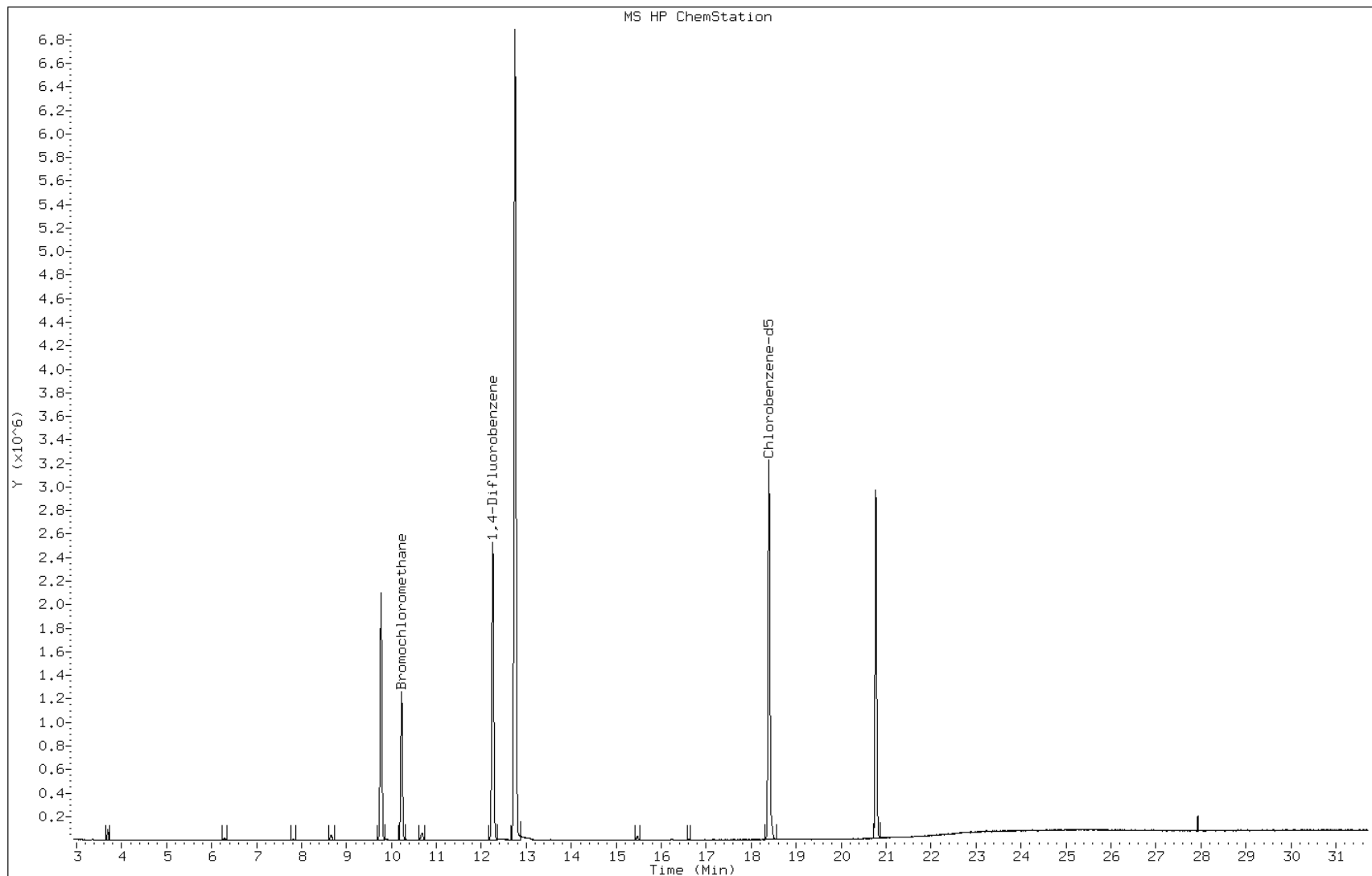
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
62 2-Hexanone	43						Compound Not Detected.		
63 Dibromochloromethane	129						Compound Not Detected.		
64 1,2-Dibromoethane	107						Compound Not Detected.		
* 65 Chlorobenzene-d5	117	18.392	18.413	(1.000)		3962249		10.0000	
66 Chlorobenzene	112						Compound Not Detected.		
67 n-Nonane	57						Compound Not Detected.		
68 Ethylbenzene	91						Compound Not Detected.		
69 Xylene (m,p)	106						Compound Not Detected.		
M 70 Xylenes, Total	106						Compound Not Detected.		
71 Xylene (o)	106						Compound Not Detected.		
72 Styrene	104						Compound Not Detected.		
73 Bromoform	173						Compound Not Detected.		
74 Isopropylbenzene	105						Compound Not Detected.		
75 1,1,2,2-Tetrachloroethane	83						Compound Not Detected.		
76 n-Propylbenzene	91						Compound Not Detected.		
77 1,2,3-Trichloropropane	75						Compound Not Detected.		
78 n-Decane	57						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.		
82 Alpha Methyl Styrene	118						Compound Not Detected.		
83 tert-butylbenzene	119						Compound Not Detected.		
84 1,2,4-Trimethylbenzene	105						Compound Not Detected.		
85 sec-Butylbenzene	105						Compound Not Detected.		
86 4-Isopropyltoluene	119						Compound Not Detected.		
87 1,3-Dichlorobenzene	146						Compound Not Detected.		
88 1,4-Dichlorobenzene	146						Compound Not Detected.		
89 Benzyl chloride	91						Compound Not Detected.		
90 Undecane	57						Compound Not Detected.		
91 n-Butylbenzene	91						Compound Not Detected.		
92 1,2-Dichlorobenzene	146						Compound Not Detected.		
93 Dodecane	57						Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180						Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225						Compound Not Detected.		
96 Naphthalene	128						Compound Not Detected.		
97 1,2,3-Trichlorobenzene	180						Compound Not Detected.		

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: ggzp006.d
Client ID: LRP Effluent-1Q13
Operator: MTP
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 480-32226-A-1
Lab Sample ID: 480-32226-1

Date: 13-FEB-2013 12:59
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



Data File: ggzp006.d

Lab Sample ID: 480-32226-1

Date: 13-FEB-2013 12:59

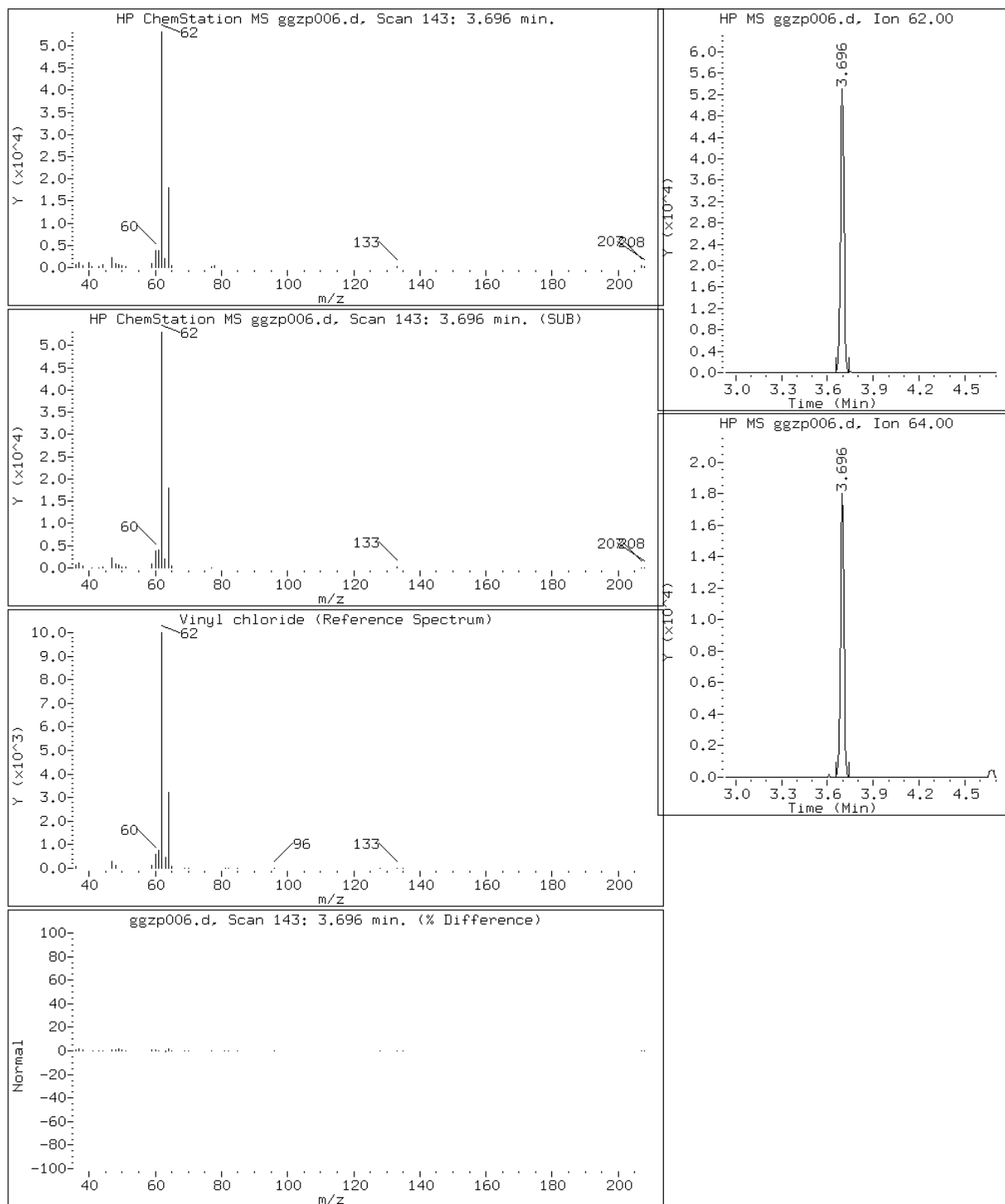
Client ID: LRP Effluent-1Q13

Instrument: G.i

Sample Info: 480-32226-A-1

Operator: MTP

7 Vinyl chloride



Data File: ggzp006.d

Lab Sample ID: 480-32226-1

Date: 13-FEB-2013 12:59

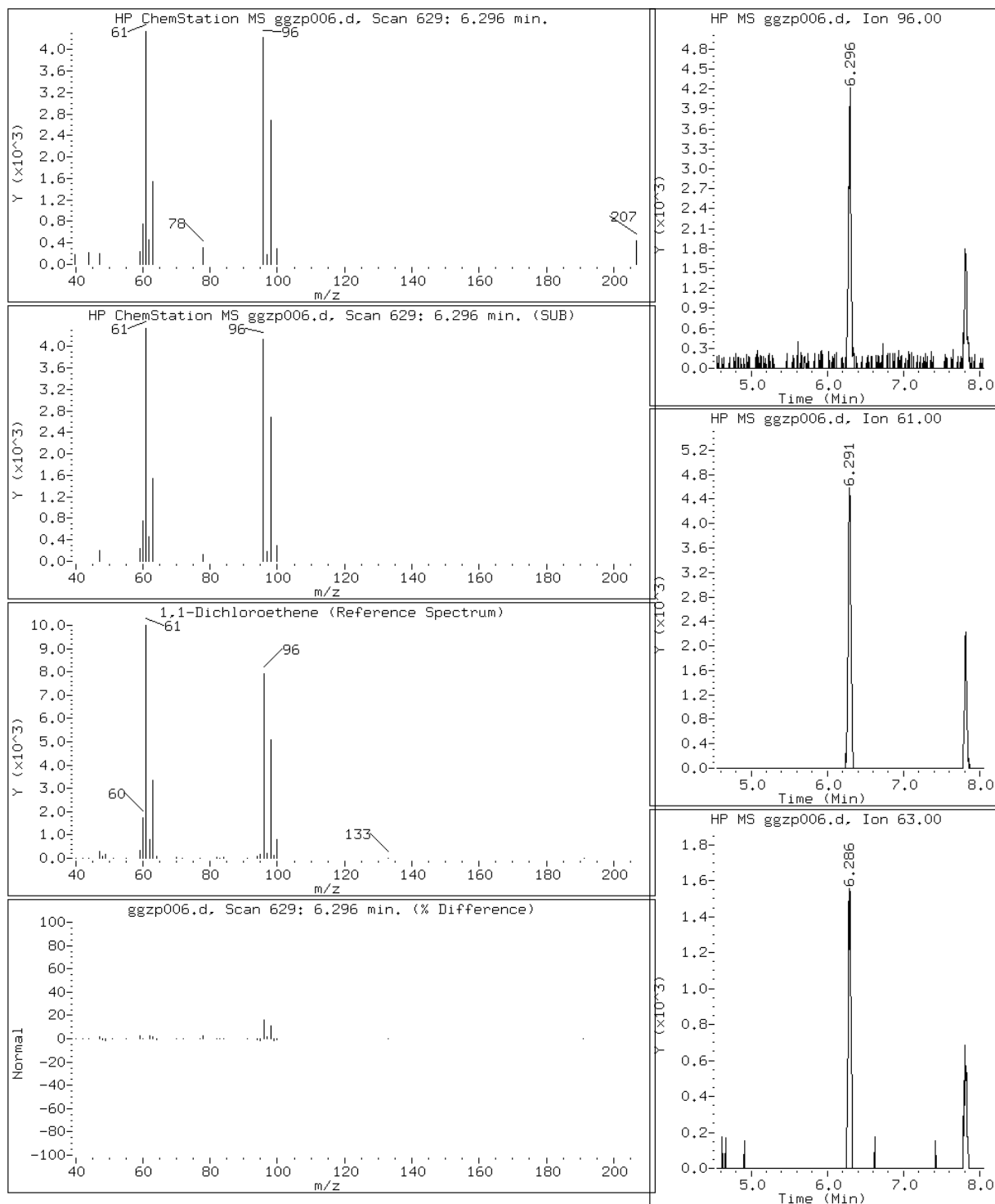
Client ID: LRP Effluent-1Q13

Instrument: G.i

Sample Info: 480-32226-A-1

Operator: MTP

19 1,1-Dichloroethene



Data File: ggzp006.d

Lab Sample ID: 480-32226-1

Date: 13-FEB-2013 12:59

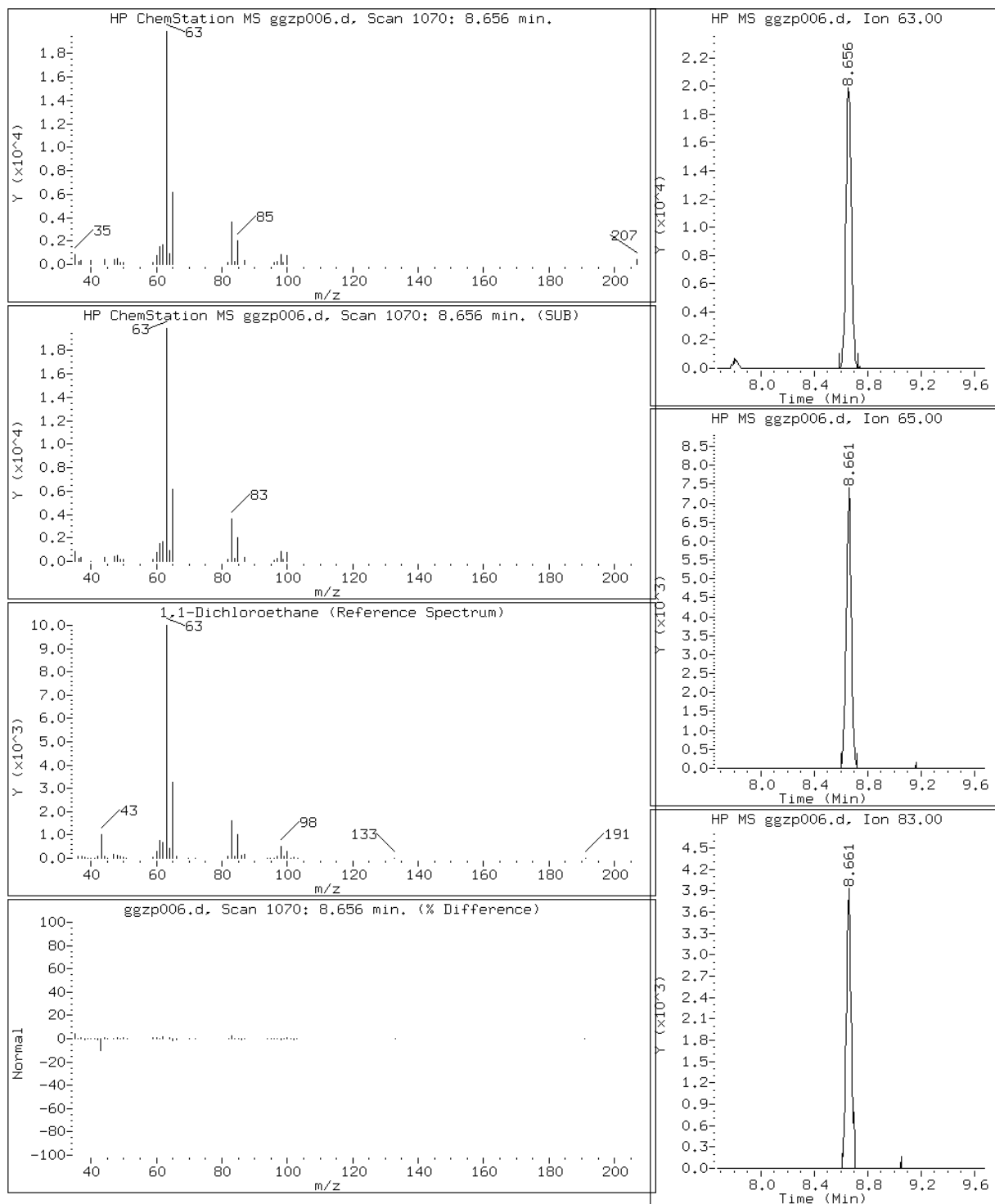
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Instrument: G.i

Sample Info: 480-32226-A-1

Operator: MTP

31 1,1-Dichloroethane



Data File: ggzp006.d

Lab Sample ID: 480-32226-1

Date: 13-FEB-2013 12:59

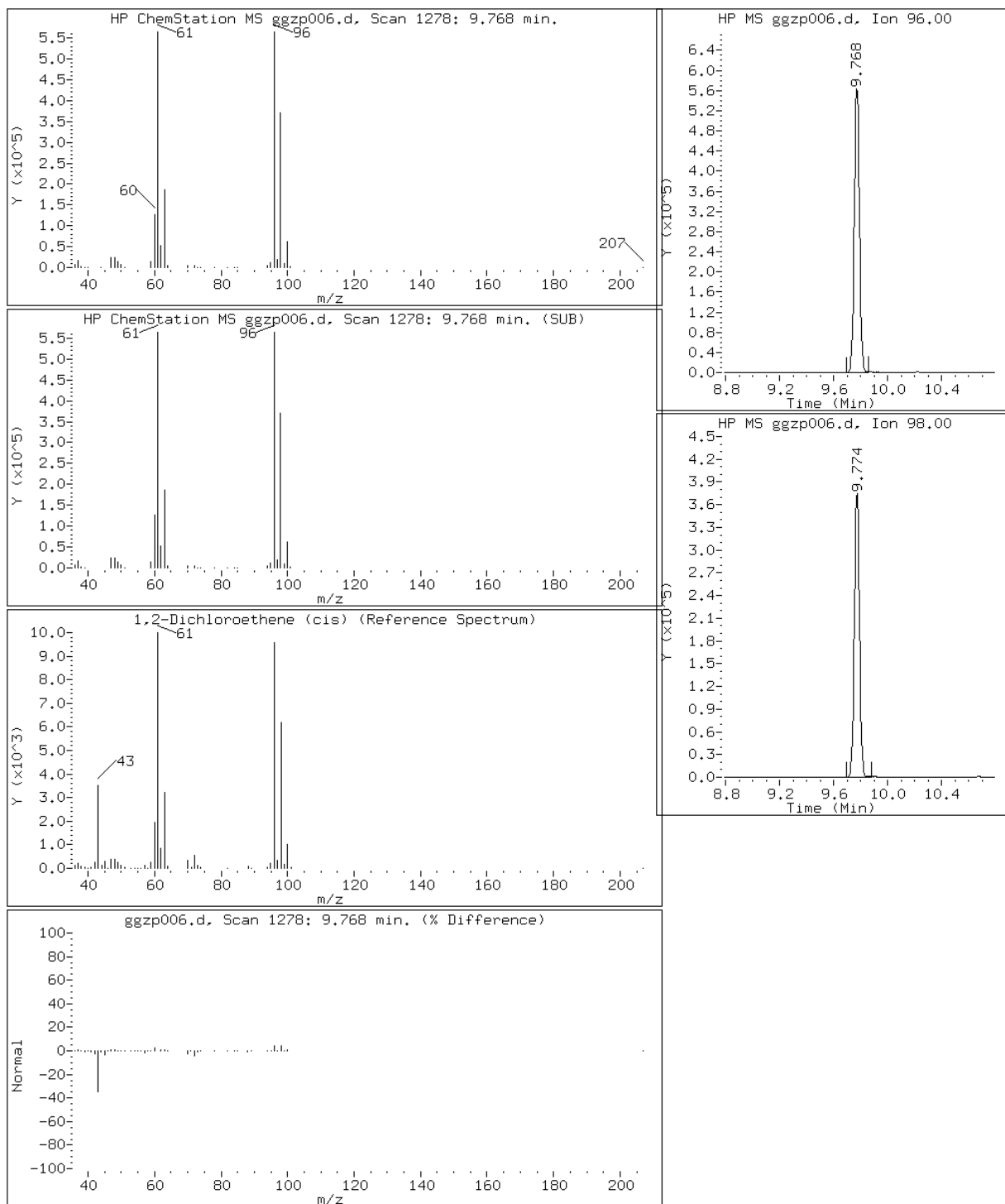
Client ID: LRP Effluent-1Q13

Instrument: G.i

Sample Info: 480-32226-A-1

Operator: MTP

34 1,2-Dichloroethene (cis)



Data File: ggzp006.d

Lab Sample ID: 480-32226-1

Date: 13-FEB-2013 12:59

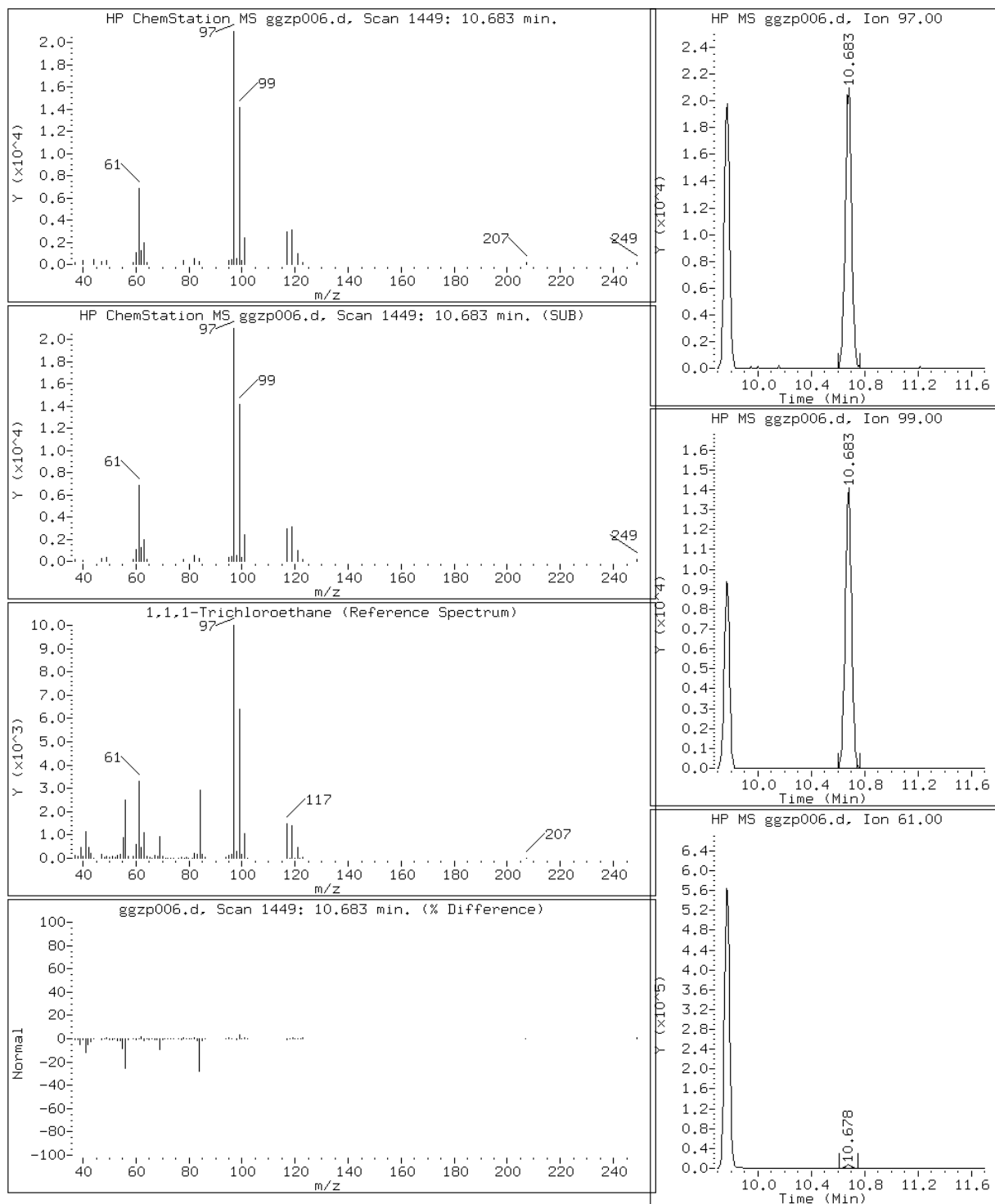
Client ID: LRP Effluent-1Q13

Instrument: G.i

Sample Info: 480-32226-A-1

Operator: MTP

41 1,1,1-Trichloroethane



Data File: ggzp006.d

Lab Sample ID: 480-32226-1

Date: 13-FEB-2013 12:59

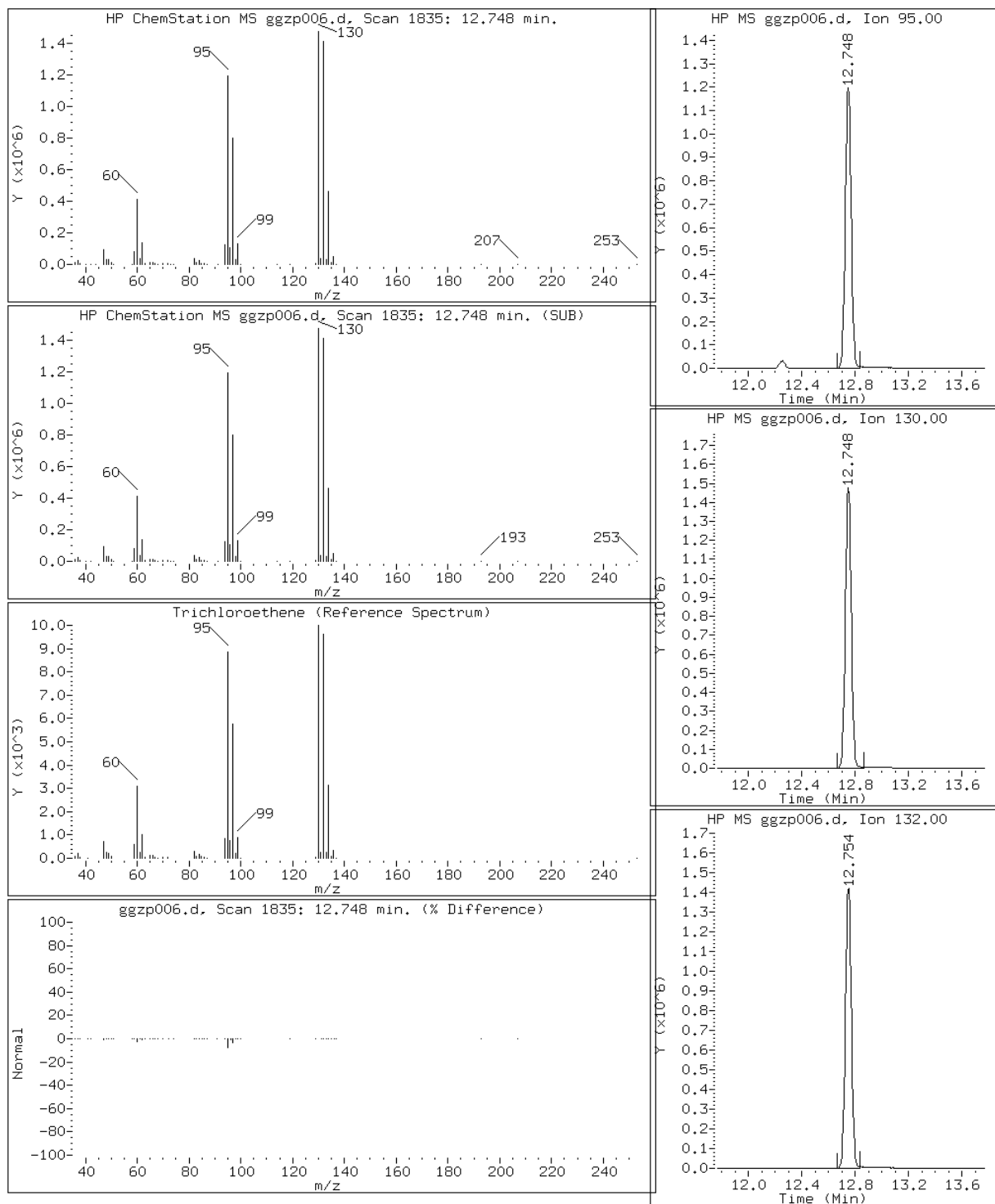
Client ID: LRP Effluent-1Q13

Instrument: G.i

Sample Info: 480-32226-A-1

Operator: MTP

49 Trichloroethene



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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Client Sample ID: AS Effluent-1Q13 Lab Sample ID: 480-32226-2
 Matrix: Air Lab File ID: bkuaaul8.d
 Analysis Method: TO-15 Date Collected: 01/21/2013 08:00
 Sample wt/vol: 200 (mL) Date Analyzed: 02/12/2013 00:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 51767 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	0.60		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.20	0.20
74-87-3	Chloromethane	50.49	0.65		0.50	0.50
75-01-4	Vinyl chloride	62.50	28		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	13		0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	0.23		0.20	0.20
76-13-1	Freon TF	187.38	ND		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	0.21		0.20	0.20
67-64-1	Acetone	58.08	5.4		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	ND		5.0	5.0
75-15-0	Carbon disulfide	76.14	0.95		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	0.33		0.20	0.20
110-54-3	n-Hexane	86.17	0.36		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	2.5		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	0.61		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	60	E	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	60		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	0.32		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	ND		0.20	0.20
142-82-5	n-Heptane	100.21	0.24		0.20	0.20
79-01-6	Trichloroethene	131.39	17		0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Client Sample ID: AS Effluent-1Q13 Lab Sample ID: 480-32226-2
 Matrix: Air Lab File ID: bkuaaul8.d
 Analysis Method: TO-15 Date Collected: 01/21/2013 08:00
 Sample wt/vol: 200 (mL) Date Analyzed: 02/12/2013 00:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 51767 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20
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	1.3		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	0.59		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.: 480-32226-1

SDG No.: _____

Client Sample ID: AS Effluent-1Q13 Lab Sample ID: 480-32226-2

Matrix: Air Lab File ID: bkuaaul8.d

Analysis Method: TO-15 Date Collected: 01/21/2013 08:00

Sample wt/vol: 200 (mL) Date Analyzed: 02/12/2013 00:54

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51767 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	3.0		2.5	2.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		1.4	1.4
74-87-3	Chloromethane	50.49	1.3		1.0	1.0
75-01-4	Vinyl chloride	62.50	70		0.51	0.51
106-99-0	1,3-Butadiene	54.09	ND		0.44	0.44
74-83-9	Bromomethane	94.94	ND		0.78	0.78
75-00-3	Chloroethane	64.52	34		1.3	1.3
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.87	0.87
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	1.1
76-13-1	Freon TF	187.38	ND		1.5	1.5
75-35-4	1,1-Dichloroethene	96.94	0.82		0.79	0.79
67-64-1	Acetone	58.08	13		12	12
67-63-0	Isopropyl alcohol	60.10	ND		12	12
75-15-0	Carbon disulfide	76.14	2.9		1.6	1.6
107-05-1	3-Chloropropene	76.53	ND		1.6	1.6
75-09-2	Methylene Chloride	84.93	ND		1.7	1.7
75-65-0	tert-Butyl alcohol	74.12	ND		15	15
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.72	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	1.3		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	10		0.81	0.81
78-93-3	Methyl Ethyl Ketone	72.11	1.8		1.5	1.5
156-59-2	cis-1,2-Dichloroethene	96.94	240	E	0.79	0.79
540-59-0	1,2-Dichloroethene, Total	96.94	240		0.79	0.79
67-66-3	Chloroform	119.38	ND		0.98	0.98
109-99-9	Tetrahydrofuran	72.11	ND		15	15
71-55-6	1,1,1-Trichloroethane	133.41	ND		1.1	1.1
110-82-7	Cyclohexane	84.16	ND		0.69	0.69
56-23-5	Carbon tetrachloride	153.81	ND		1.3	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	0.93
71-43-2	Benzene	78.11	1.0		0.64	0.64
107-06-2	1,2-Dichloroethane	98.96	ND		0.81	0.81
142-82-5	n-Heptane	100.21	0.97		0.82	0.82
79-01-6	Trichloroethene	131.39	90		1.1	1.1

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Client Sample ID: AS Effluent-1Q13 Lab Sample ID: 480-32226-2
 Matrix: Air Lab File ID: bkuaaul8.d
 Analysis Method: TO-15 Date Collected: 01/21/2013 08:00
 Sample wt/vol: 200 (mL) Date Analyzed: 02/12/2013 00:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 51767 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		0.92	0.92
123-91-1	1,4-Dioxane	88.11	ND		18	18
75-27-4	Bromodichloromethane	163.83	ND		1.3	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.91	0.91
108-10-1	methyl isobutyl ketone	100.16	ND		2.0	2.0
108-88-3	Toluene	92.14	4.9		0.75	0.75
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.91	0.91
79-00-5	1,1,2-Trichloroethane	133.41	ND		1.1	1.1
127-18-4	Tetrachloroethene	165.83	ND		1.4	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		2.0	2.0
124-48-1	Dibromochloromethane	208.29	ND		1.7	1.7
106-93-4	1,2-Dibromoethane	187.87	ND		1.5	1.5
108-90-7	Chlorobenzene	112.30	ND		0.92	0.92
100-41-4	Ethylbenzene	106.17	ND		0.87	0.87
179601-23-1	m,p-Xylene	106.17	ND		2.2	2.2
95-47-6	Xylene, o-	106.17	ND		0.87	0.87
1330-20-7	Xylene (total)	106.17	2.6		0.87	0.87
100-42-5	Styrene	104.15	ND		0.85	0.85
75-25-2	Bromoform	252.75	ND		2.1	2.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		1.4	1.4
622-96-8	4-Ethyltoluene	120.20	ND		0.98	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.98	0.98
95-49-8	2-Chlorotoluene	126.59	ND		1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.98	0.98
541-73-1	1,3-Dichlorobenzene	147.00	ND		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	ND		1.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	ND		1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		3.7	3.7
87-68-3	Hexachlorobutadiene	260.76	ND		2.1	2.1

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 480-32226-2
Client Smp ID: AS Effluent-1013
Inj Date : 12-FEB-2013 00:54
Operator : pad
Smp Info : 480-32226-A-2
Misc Info : 200,1, to15all
Comment :
Method : /chem/B.i/Bsvr.p/bkuaau15.b/to15v5.m
Meth Date : 11-Feb-2013 13:54 pd
Cal Date : 31-OCT-2012 18:01
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bku003.d
Compound Sublist: T015all.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						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85		3.013	3.013	(0.331)	36708	0.60303	0.60
4 1,2-Dichloro-1,1,2,2-tetraflu	85		Compound Not Detected.					
5 Chloromethane	50		3.301	3.301	(0.363)	8222	0.64626	0.65
7 Vinyl chloride	62		3.472	3.478	(0.382)	505760	27.5232	28
8 1,3-Butadiene	54		Compound Not Detected.					
9 Bromomethane	94		Compound Not Detected.					
10 Chloroethane	64		4.257	4.262	(0.468)	157088	12.8772	13
12 Vinyl bromide	106		Compound Not Detected.					
13 Trichlorofluoromethane	101		4.710	4.716	(0.518)	22318	0.23421	0.23
17 1,1,2-Trichloro-1,2,2-trifluo	101		5.687	5.708	(0.625)	5986	0.08250	0.083(aq)
19 1,1-Dichloroethene	96		5.778	5.767	(0.635)	7057	0.20743	0.21
20 Acetone	43		5.965	5.943	(0.656)	212569	5.35940	5.4
21 Carbon disulfide	76		6.173	6.178	(0.679)	90541	0.94672	0.95
22 Isopropanol	45		6.333	6.221	(0.696)	18730	0.65091	0.65(a)
23 Allyl chloride	41		Compound Not Detected.					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
25 Methylene chloride	49	6.706	6.712	(0.737)	6906	0.25373	0.25(a)
26 Tert-butyl alcohol	59	Compound Not Detected.					
27 Methyl tert-butyl ether	73	Compound Not Detected.					
28 1,2-Dichloroethene (trans)	61	7.117	7.112	(0.782)	14808	0.32579	0.33
30 n-Hexane	57	7.432	7.443	(0.817)	16031	0.35610	0.36
31 1,1-Dichloroethane	63	7.838	7.843	(0.862)	140175	2.51008	2.5
M 33 1,2-Dichloroethene, Total	61				2325902	60.1479	60
34 1,2-Dichloroethene (cis)	96	8.734	8.750	(0.960)	2311094	59.8222	60(A)
36 Methyl Ethyl Ketone	72	8.804	8.761	(0.968)	10002	0.60525	0.61(Q)
* 37 Bromochloromethane	128	9.097	9.113	(1.000)	400133	10.0000	
38 Tetrahydrofuran	42	9.199	9.151	(0.875)	48872	1.84600	1.8(a)
39 Chloroform	83	Compound Not Detected.					
40 Cyclohexane	84	9.434	9.450	(0.897)	4418	0.08718	0.087(aQ)
41 1,1,1-Trichloroethane	97	9.428	9.434	(0.897)	12676	0.14319	0.14(a)
42 Carbon tetrachloride	117	9.631	9.642	(0.916)	6505	0.06557	0.066(a)
43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
44 Benzene	78	9.962	9.967	(0.948)	34565	0.31726	0.32
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	10.191	10.202	(0.970)	11012	0.23753	0.24(Q)
* 47 1,4-Difluorobenzene	114	10.512	10.522	(1.000)	1879974	10.0000	
49 Trichloroethene	95	10.869	10.885	(1.034)	927912	16.7266	17
50 1,2-Dichloropropane	63	Compound Not Detected.					
53 1,4-Dioxane	88	11.520	11.430	(1.096)	15441	0.92930	0.93(a)
54 Bromodichloromethane	83	Compound Not Detected.					
55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56 Methyl isobutyl ketone	43	12.492	12.428	(1.188)	3356	0.05905	0.059(a)
58 Toluene	92	12.662	12.668	(0.864)	106022	1.30257	1.3
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	13.303	13.303	(0.908)	1869	0.04968	0.050(a)
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	14.648	14.658	(1.000)	1606034	10.0000	
66 Chlorobenzene	112	Compound Not Detected.					
68 Ethylbenzene	91	14.776	14.776	(1.009)	27224	0.14949	0.15(a)
69 Xylene (m,p)	106	14.931	14.936	(1.019)	32506	0.43257	0.43(a)
M 70 Xylenes, Total	106				44146	0.59184	0.59
71 Xylene (o)	106	15.464	15.464	(1.056)	11640	0.15927	0.16(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	17.028	17.028	(1.163)	15932	0.08549	0.085(a)
87 1,3-Dichlorobenzene	146	Compound Not Detected.					

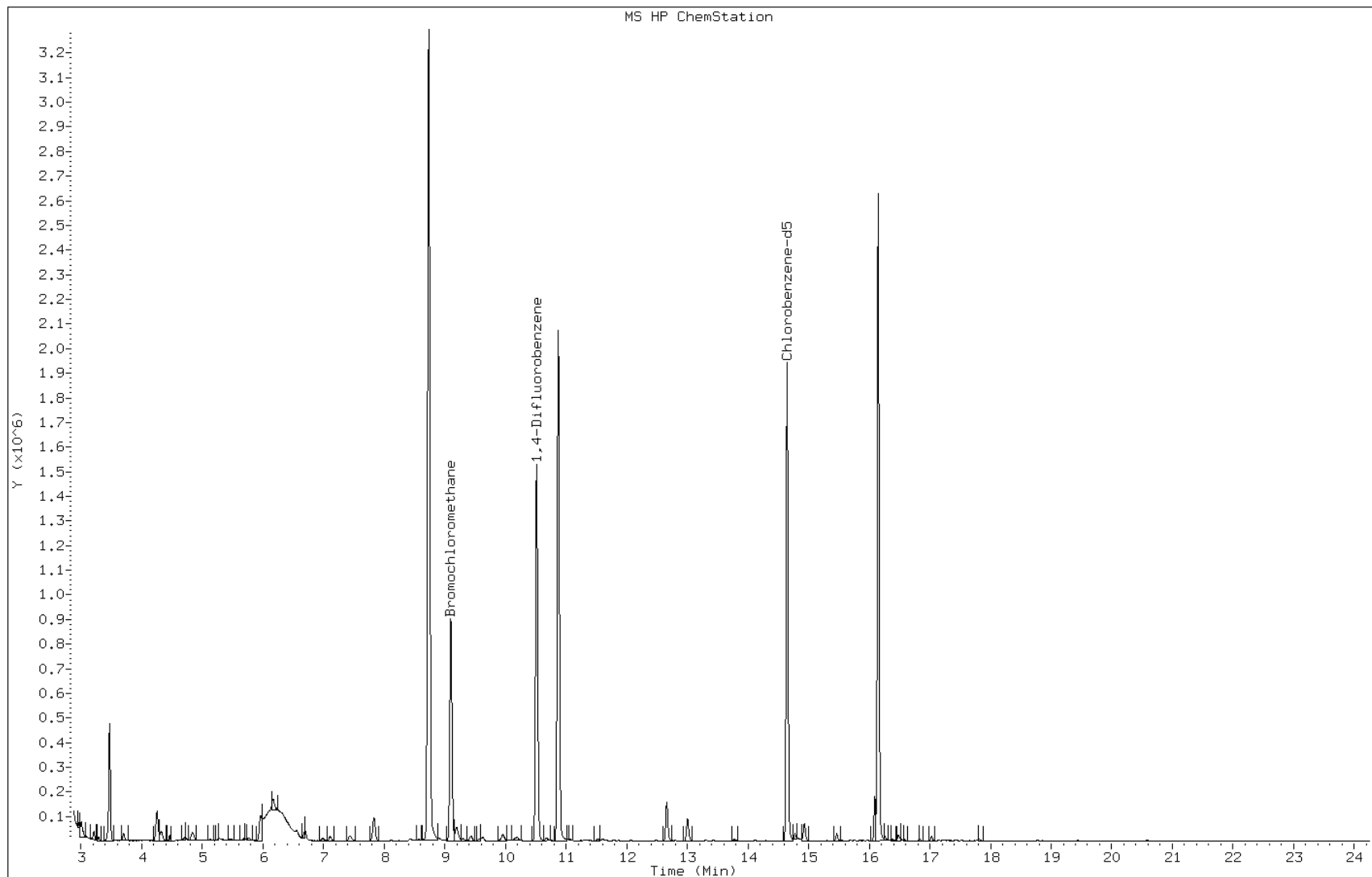
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
88 1,4-Dichlorobenzene	146				Compound Not Detected.		
92 1,2-Dichlorobenzene	146				Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180				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).
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.

Data File: bkuaau18.d
Client ID: AS Effluent-1Q13
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 480-32226-A-2
Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

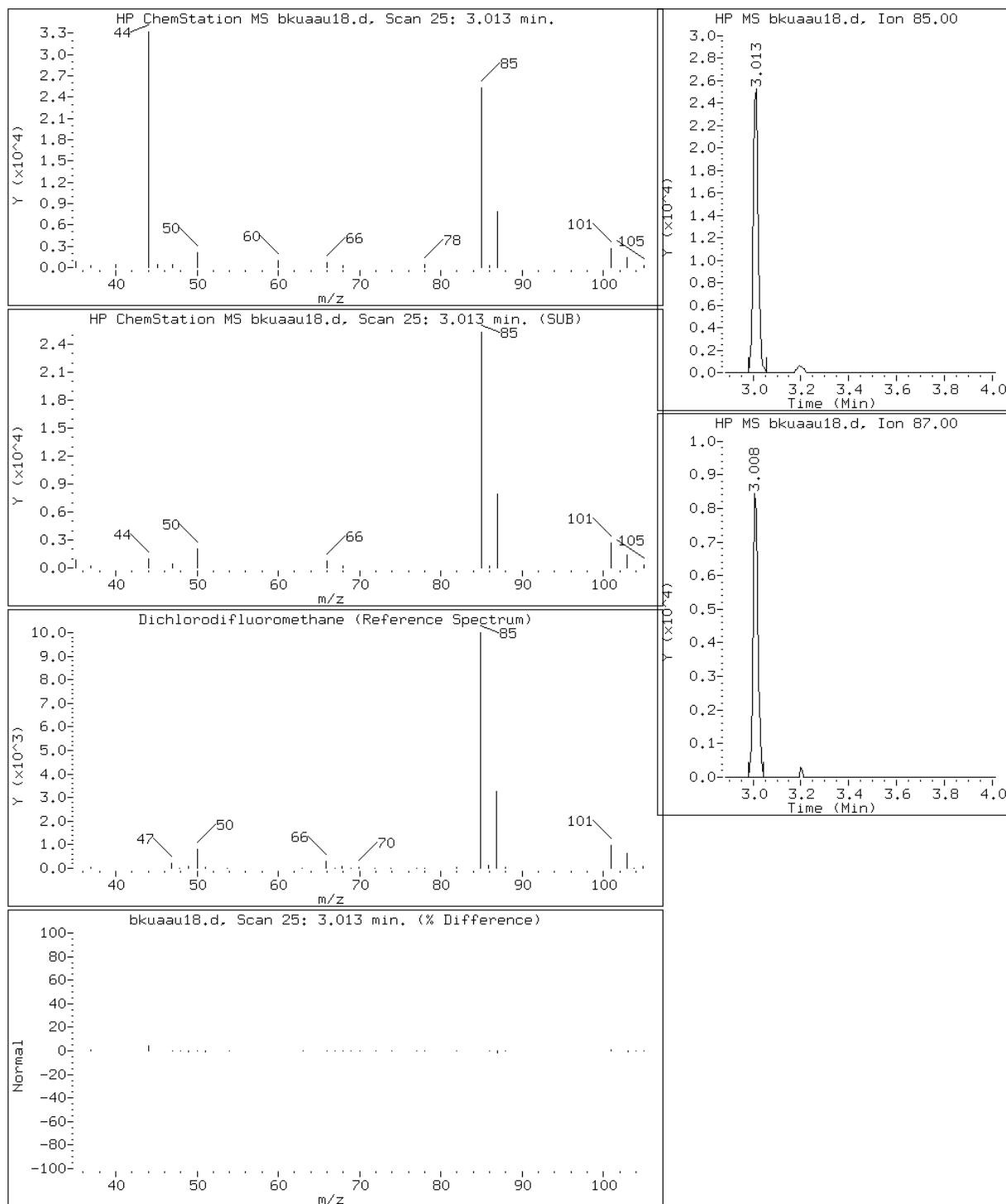
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

2 Dichlorodifluoromethane



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

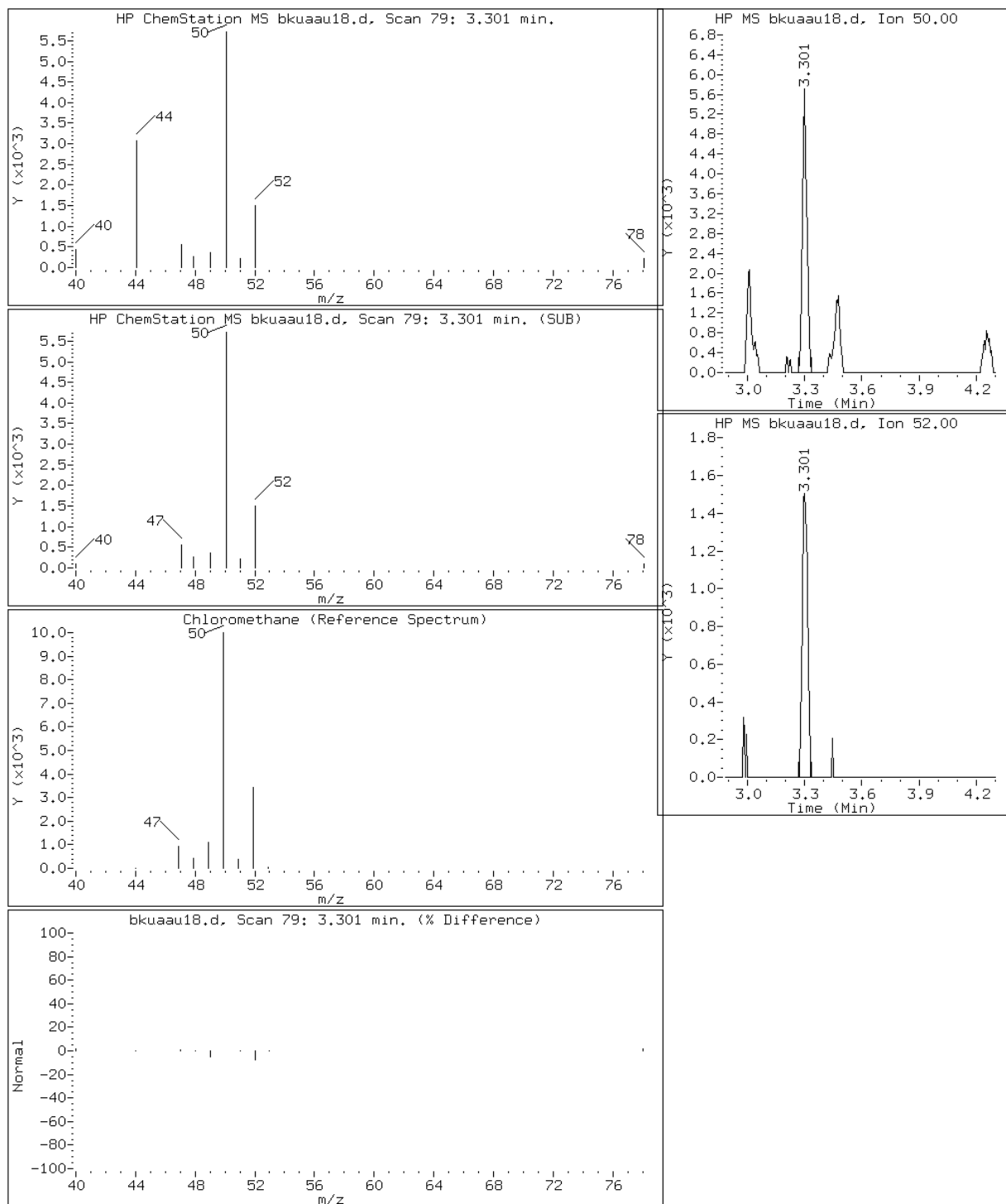
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

5 Chloromethane



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

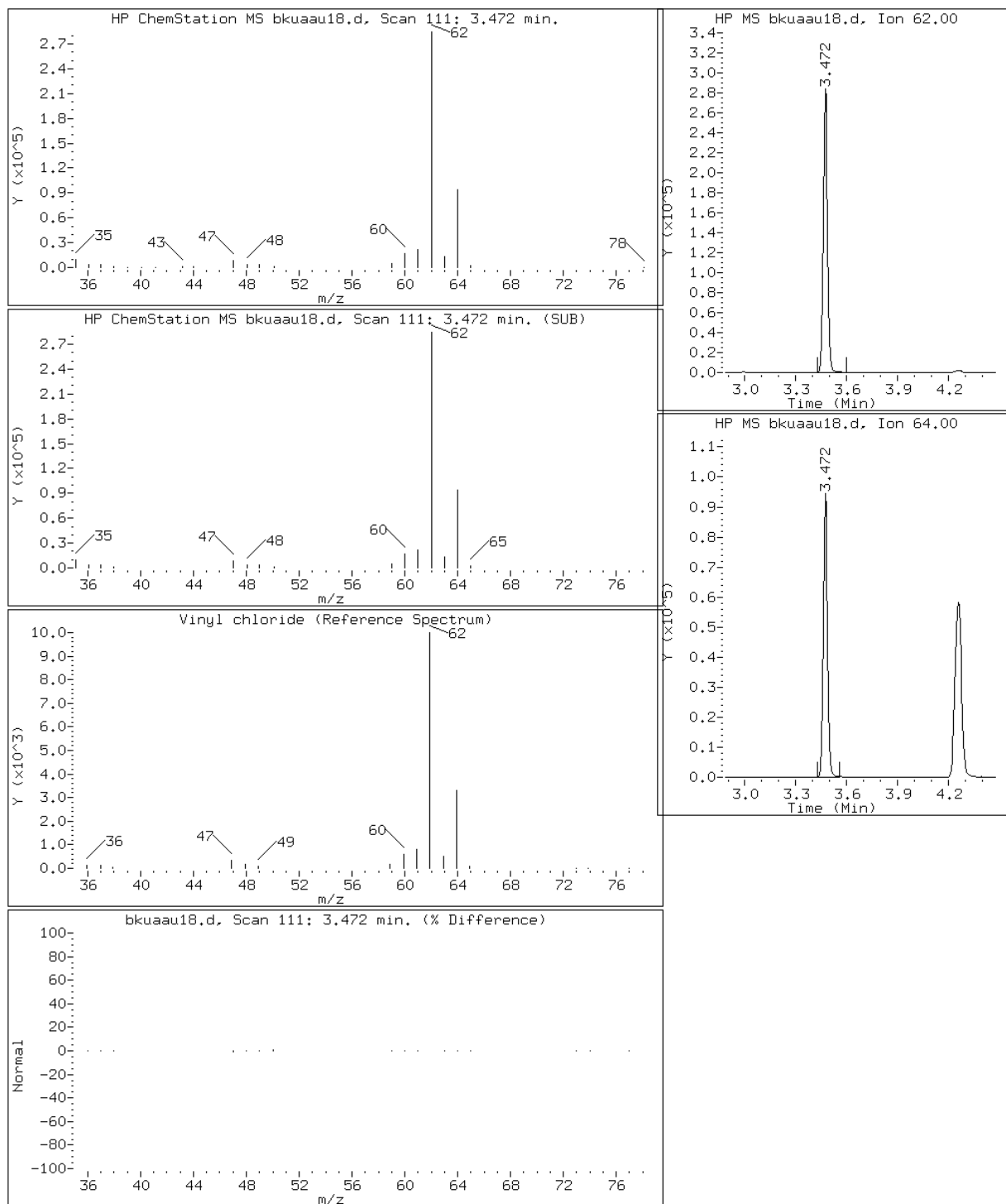
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

7 Vinyl chloride



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

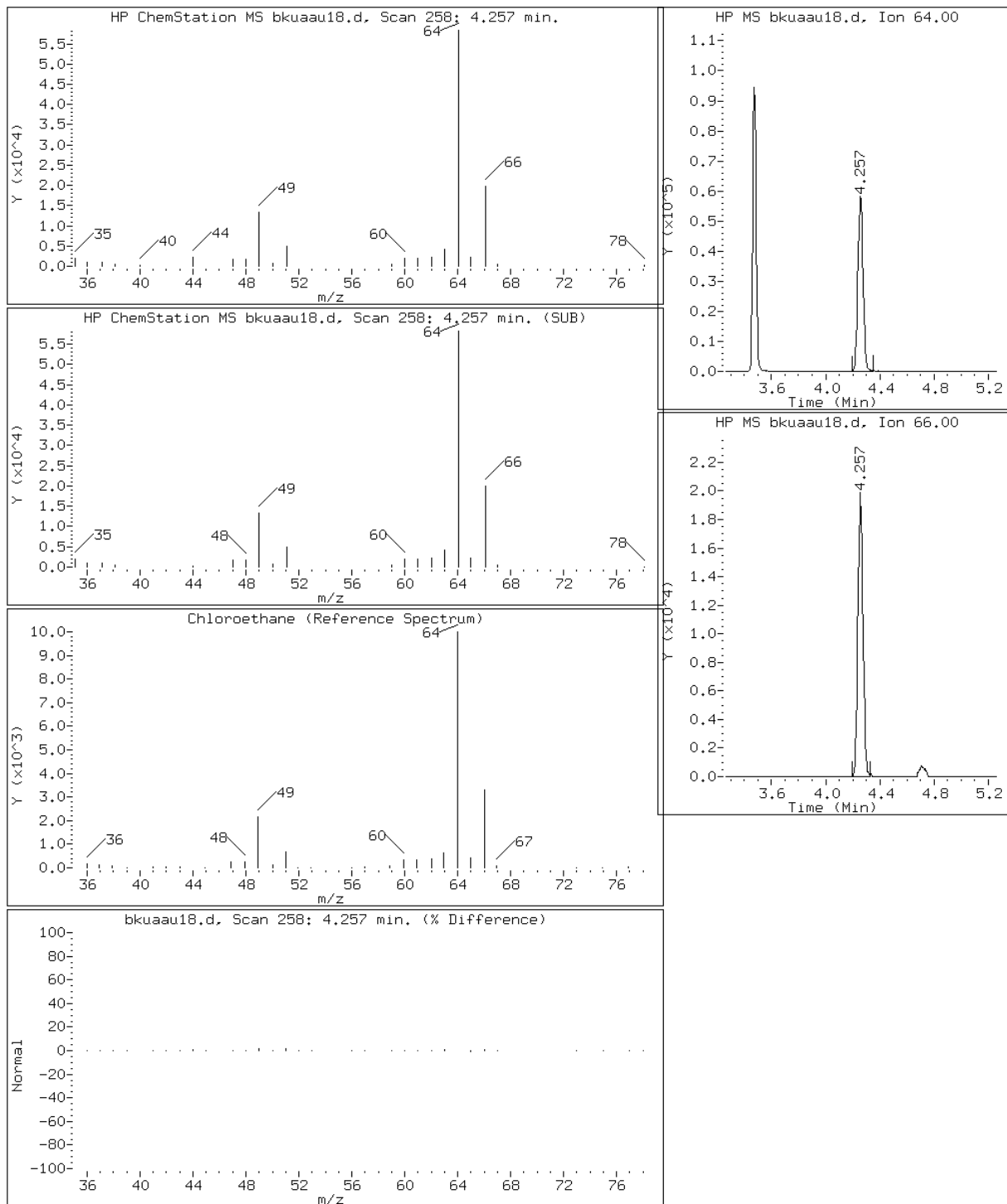
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

10 Chloroethane



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

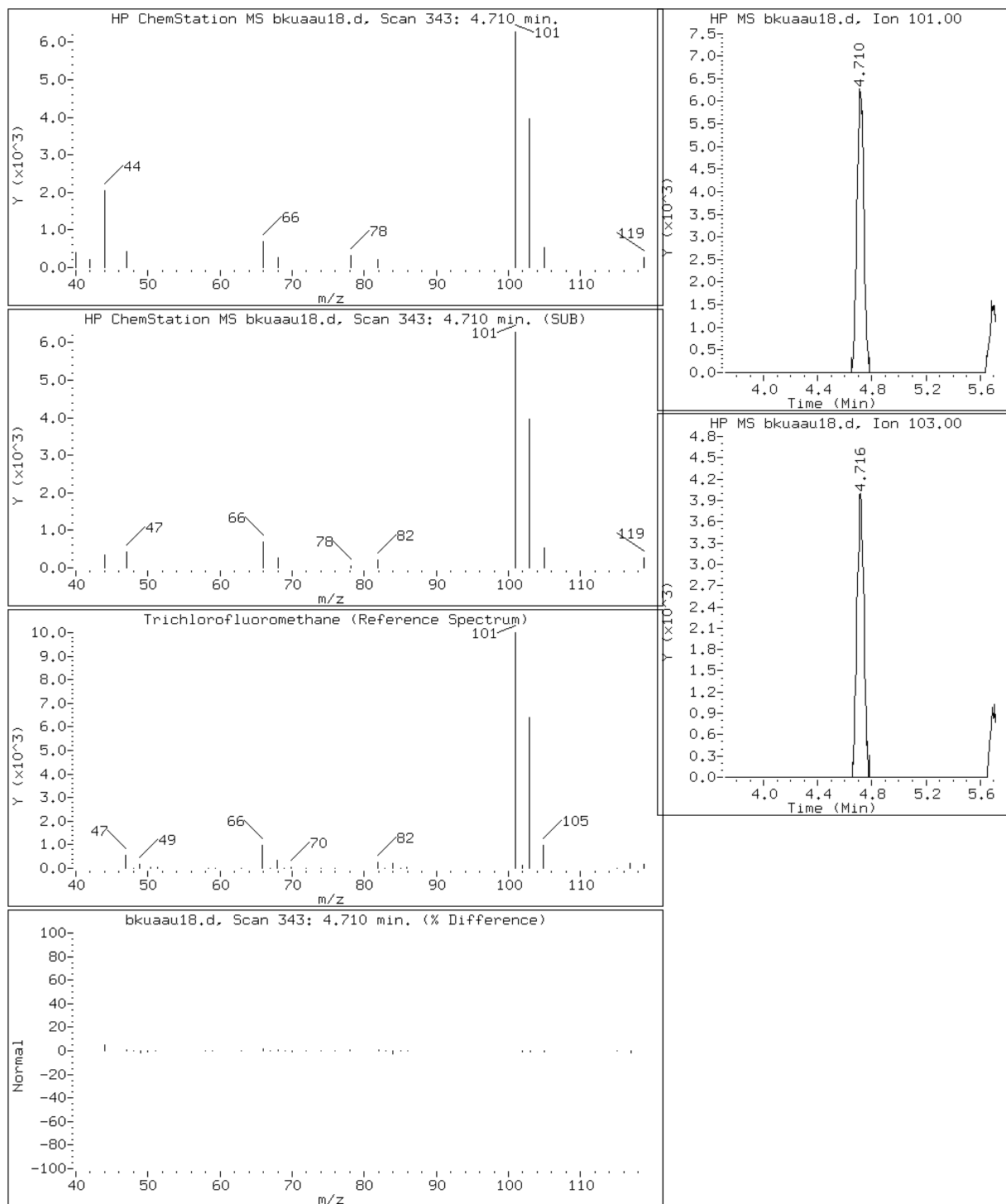
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

13 Trichlorofluoromethane



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

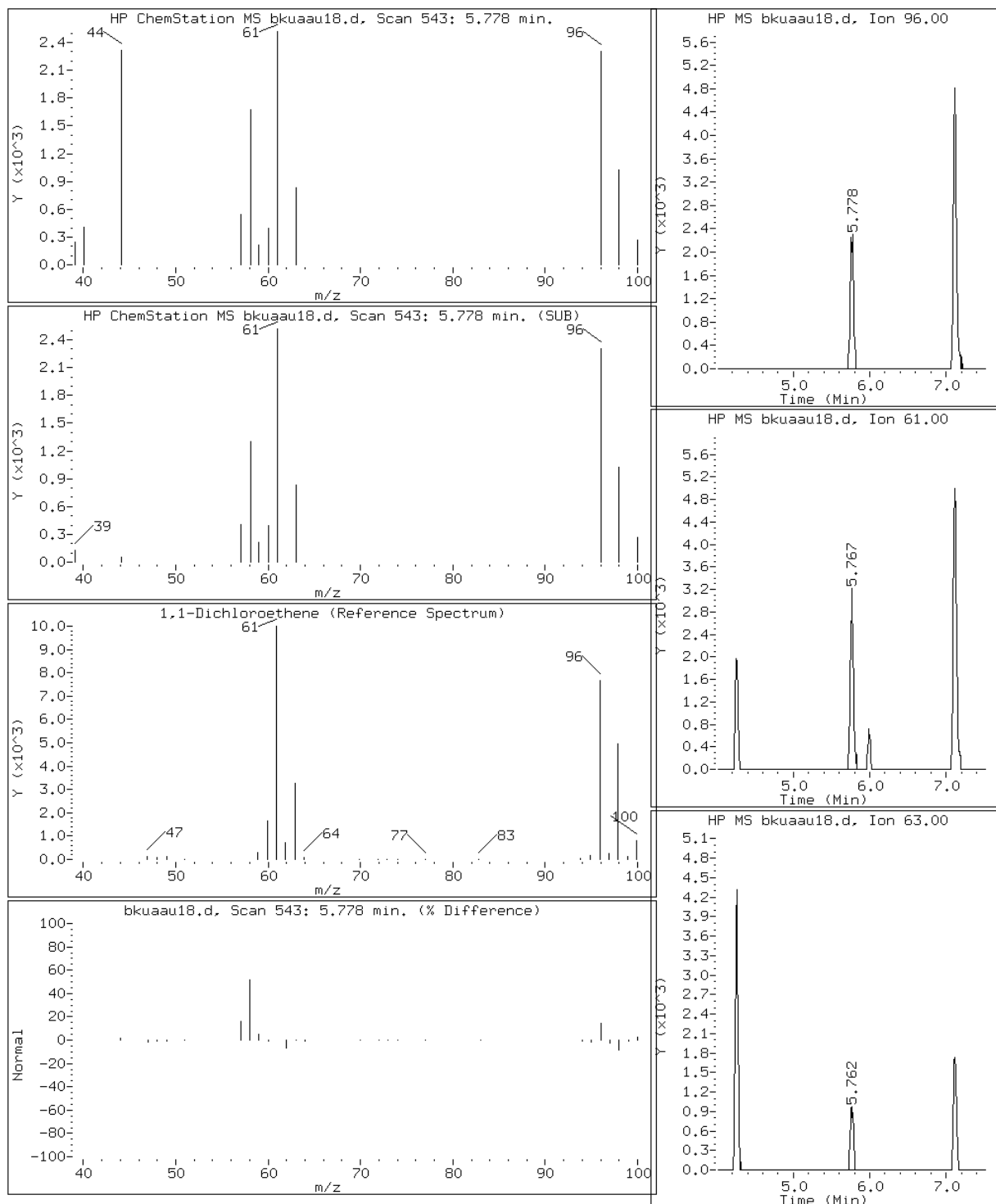
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

19 1,1-Dichloroethene



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

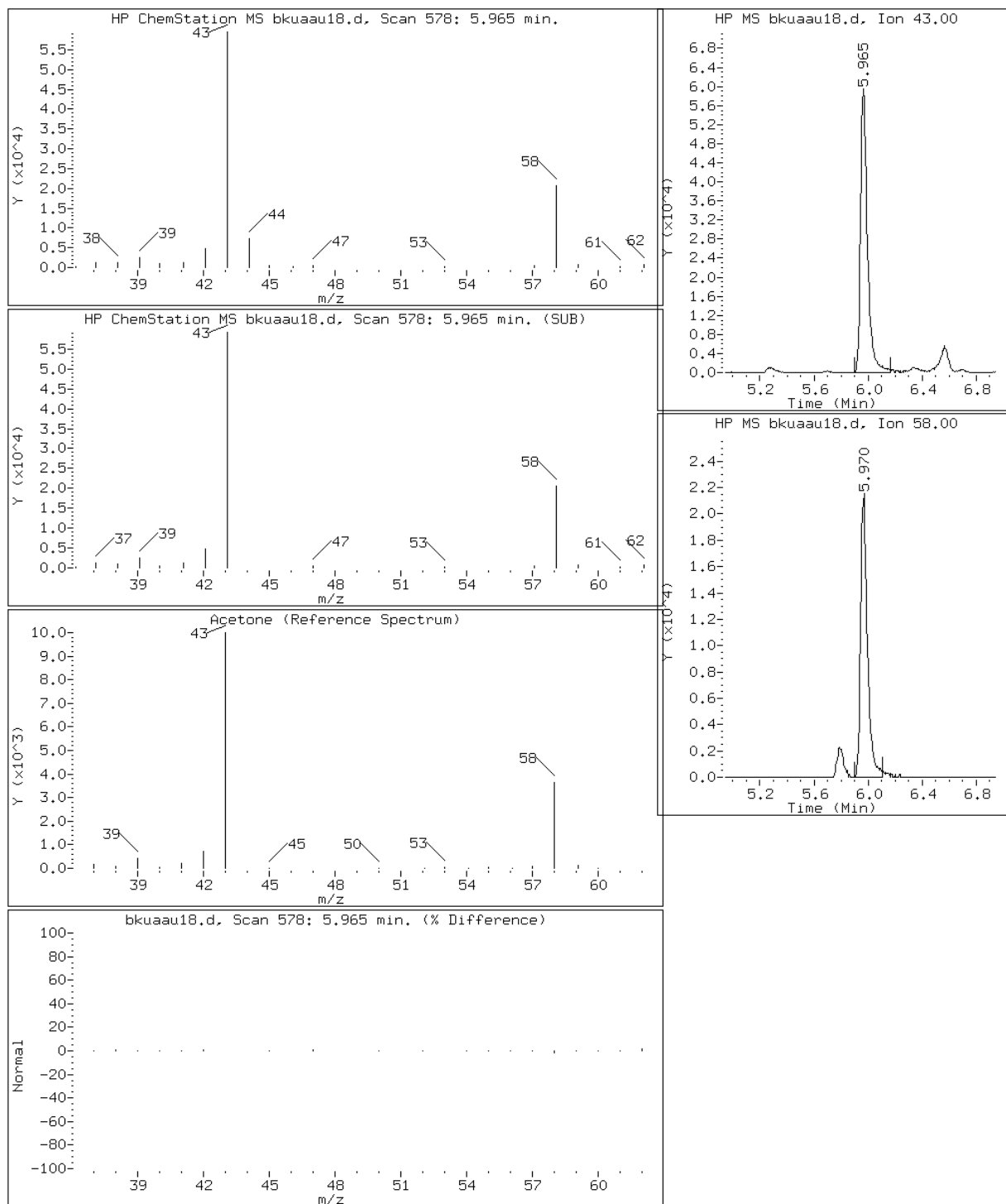
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

20 Acetone



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

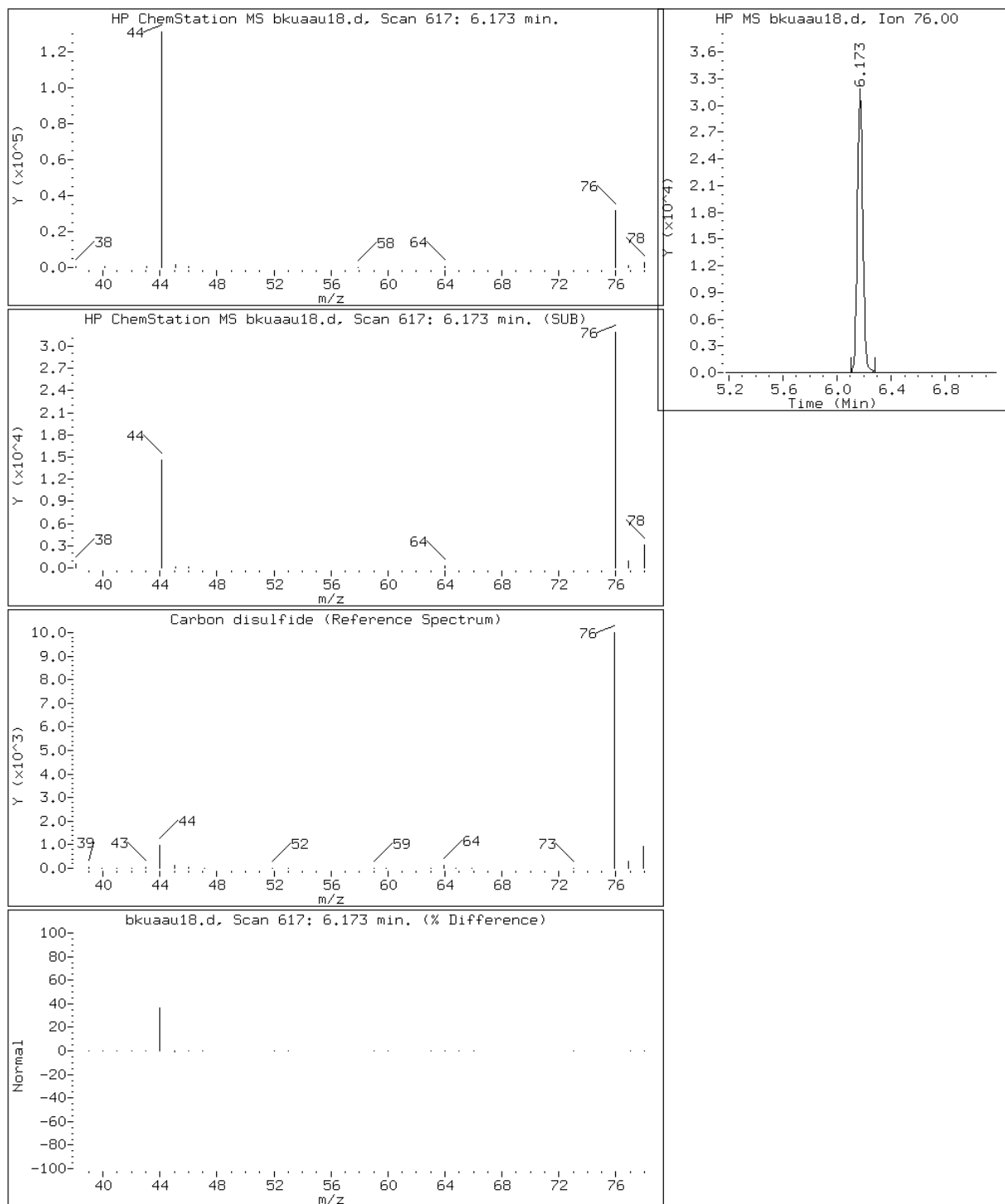
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

21 Carbon disulfide



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

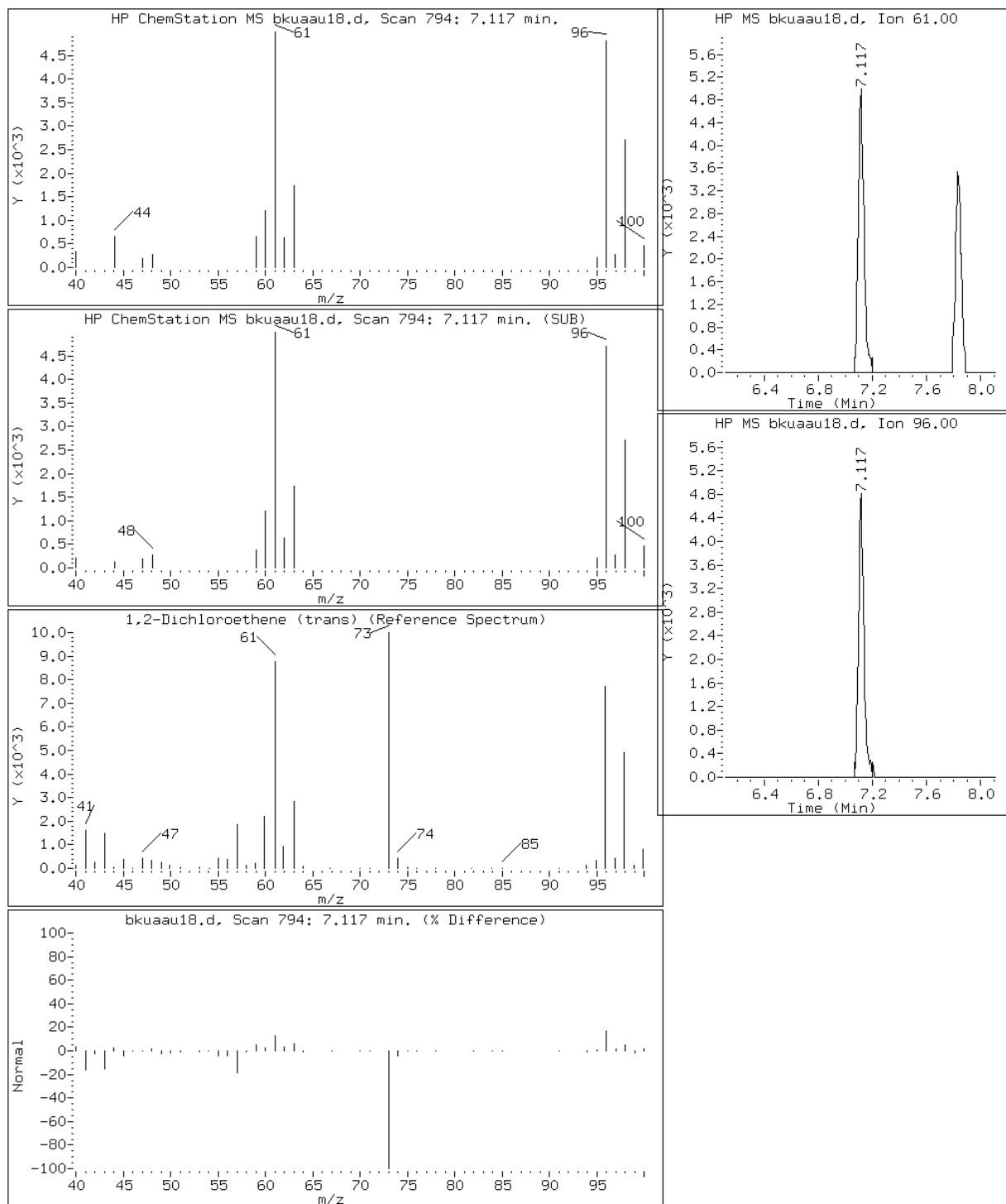
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

28 1,2-Dichloroethene (trans)



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

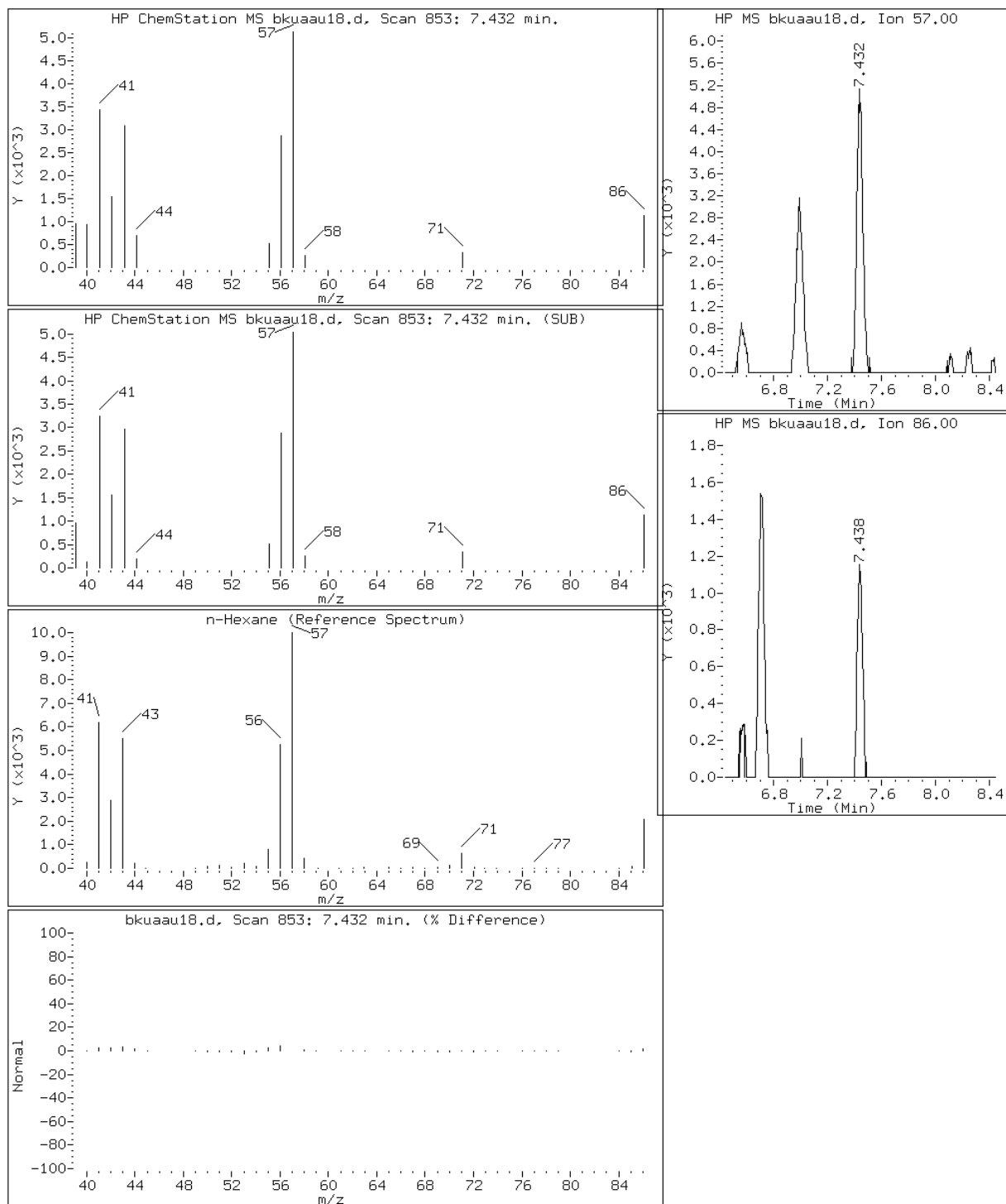
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

30 n-Hexane



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

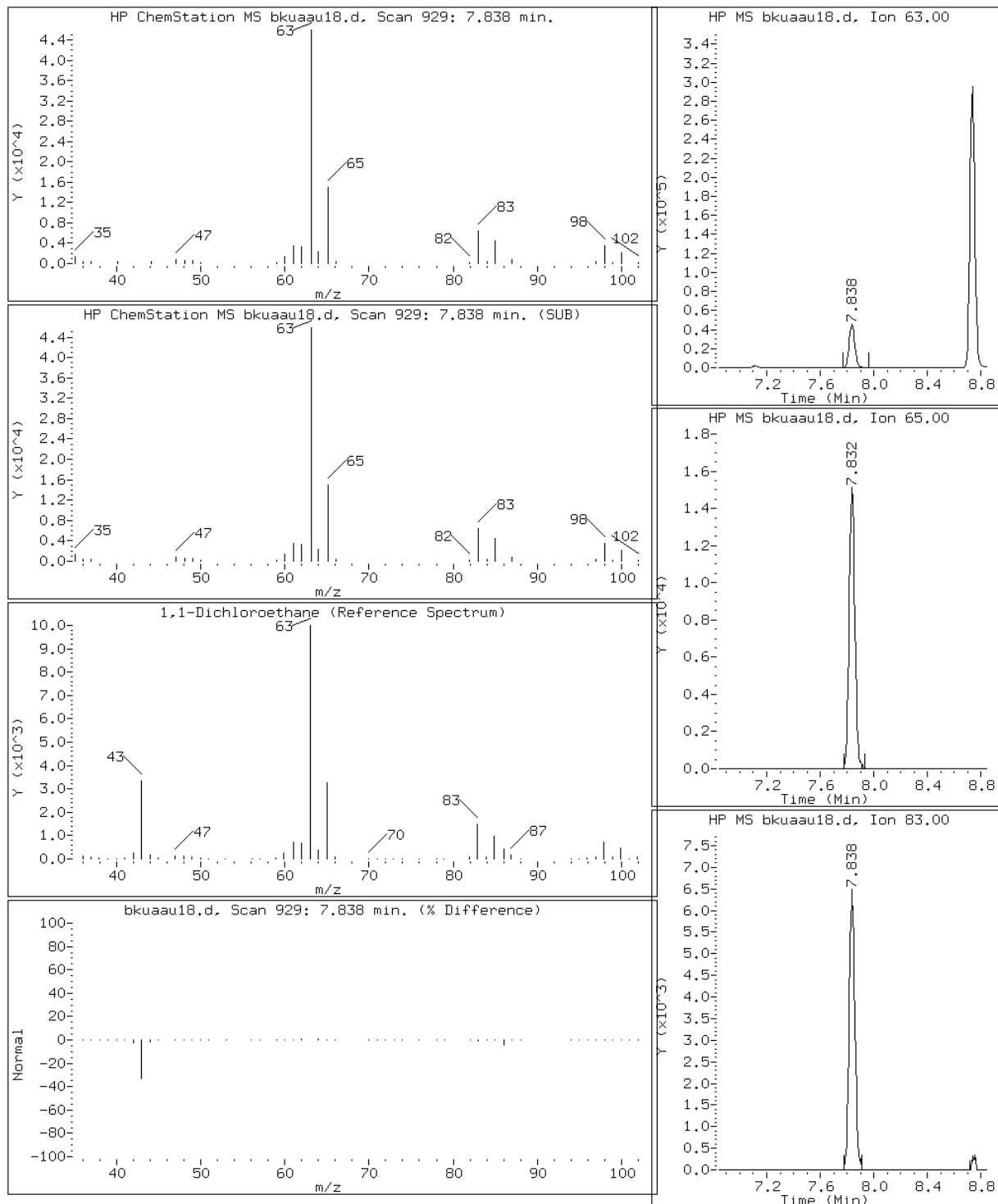
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

31 1,1-Dichloroethane



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

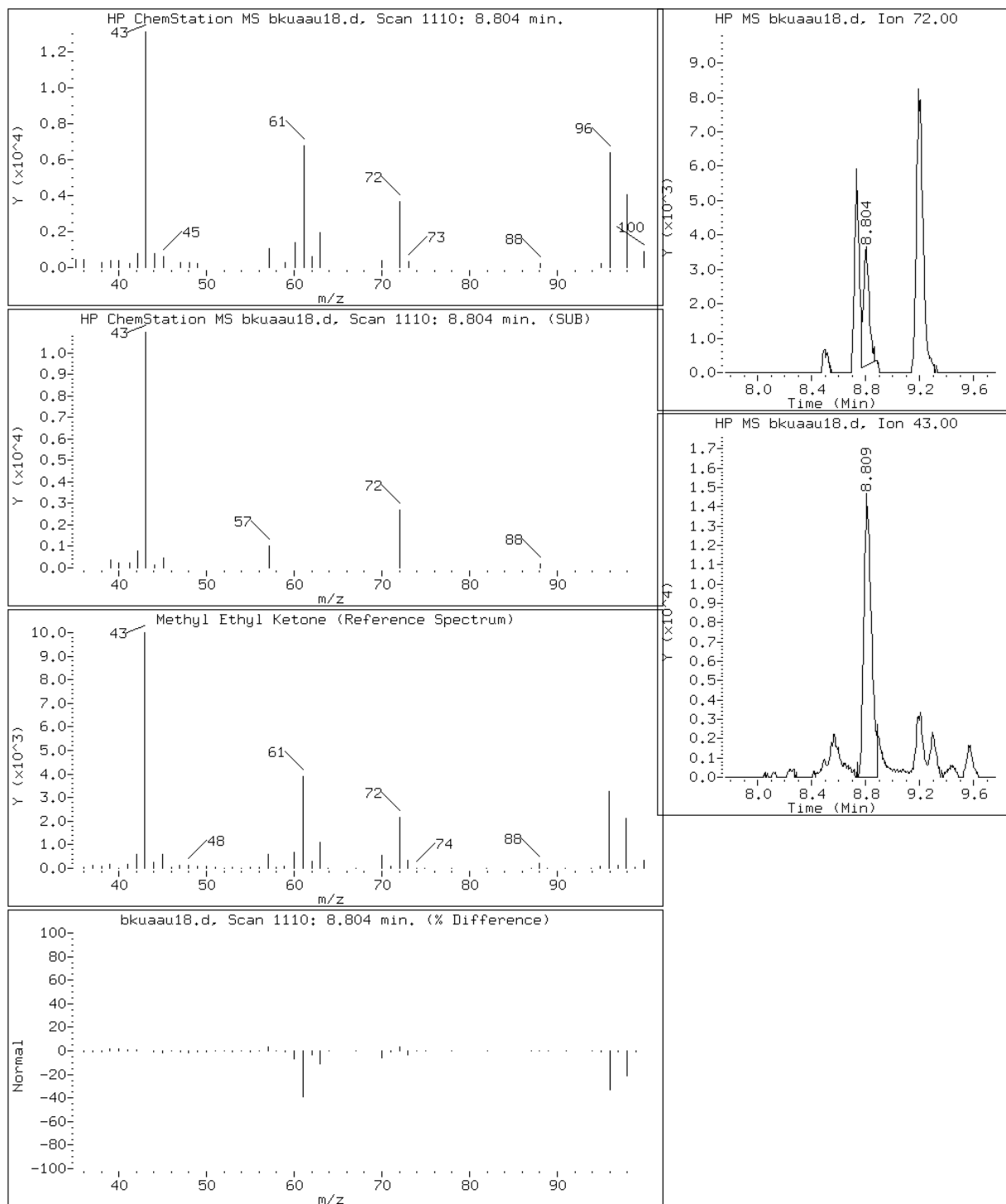
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

36 Methyl Ethyl Ketone



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

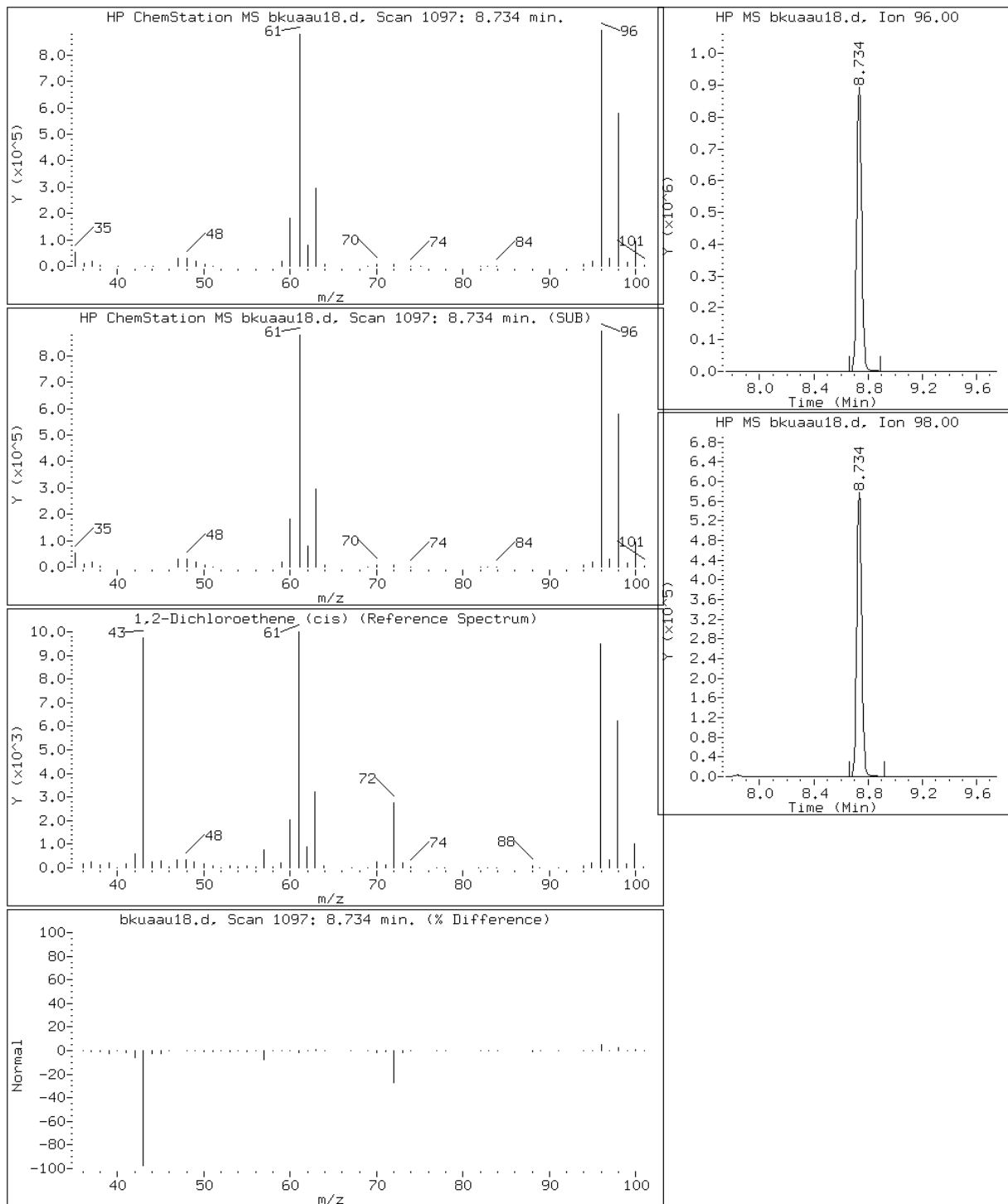
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

34 1,2-Dichloroethene (cis)



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

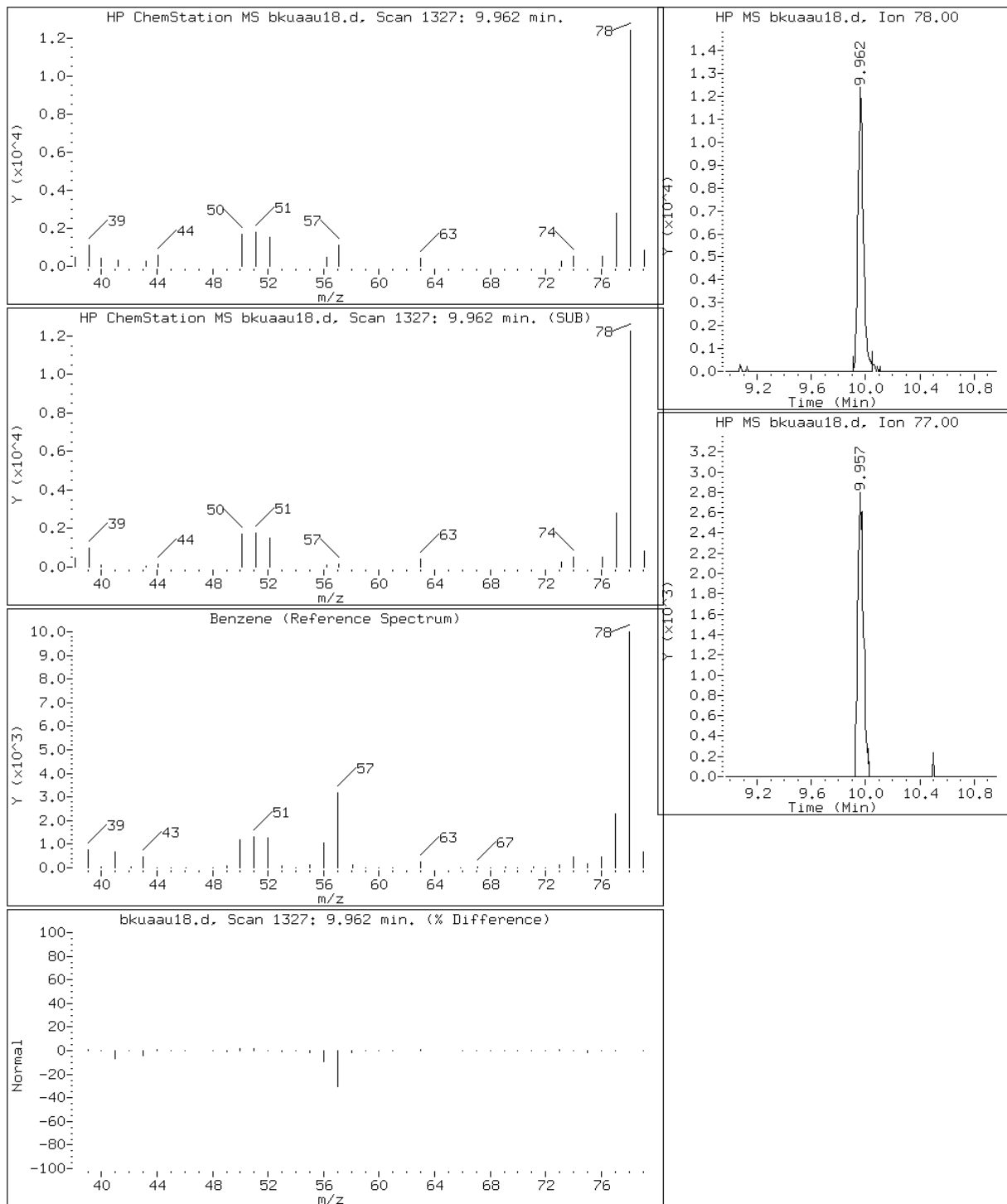
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

44 Benzene



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

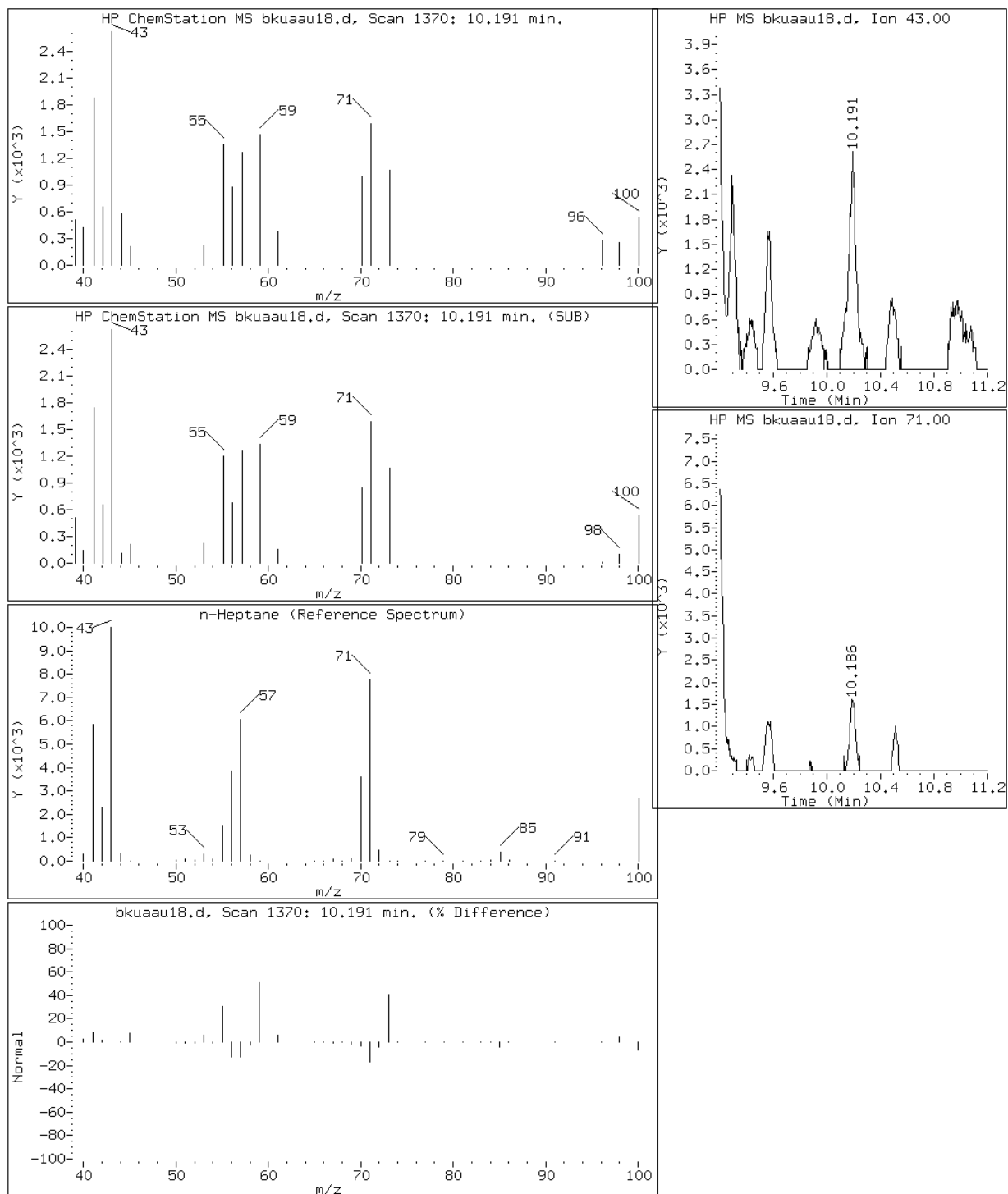
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

46 n-Heptane



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

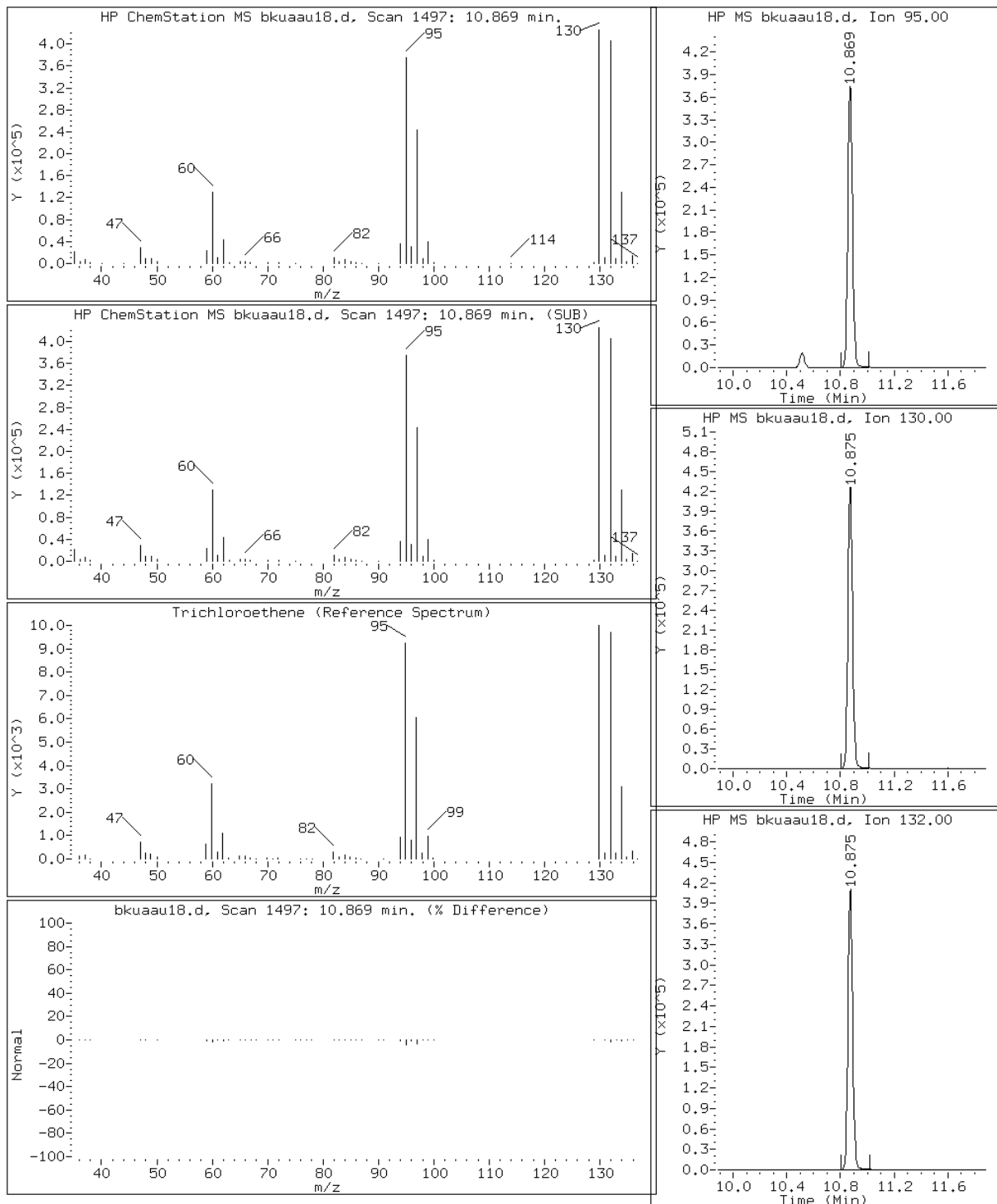
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

49 Trichloroethene



Data File: bkuaau18.d

Lab Sample ID: 480-32226-2

Date: 12-FEB-2013 00:54

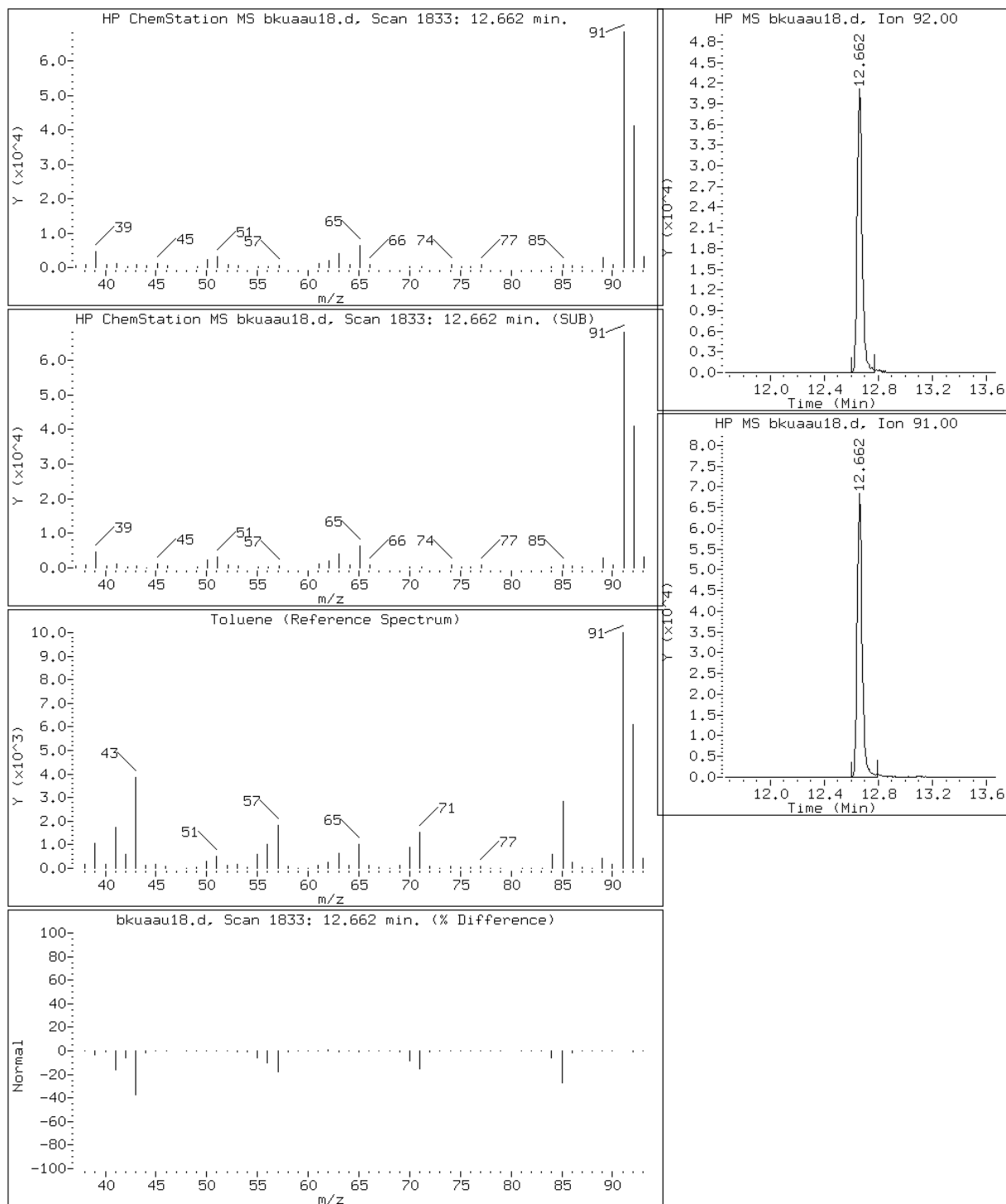
Client ID: AS Effluent-1Q13

Instrument: B.i

Sample Info: 480-32226-A-2

Operator: pad

58 Toluene



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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: AS Effluent-1Q13 Lab Sample ID: 480-32226-2

Matrix: Air Lab File ID: ggzp007.d

Analysis Method: TO-15 Date Collected: 01/21/2013 08:00

Sample wt/vol: 100 (mL) Date Analyzed: 02/13/2013 13:50

Soil Aliquot Vol: _____ Dilution Factor: 2

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		1.0	1.0
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.40	0.40
74-87-3	Chloromethane	50.49	ND		1.0	1.0
75-01-4	Vinyl chloride	62.50	28		0.40	0.40
106-99-0	1,3-Butadiene	54.09	ND		0.40	0.40
74-83-9	Bromomethane	94.94	ND		0.40	0.40
75-00-3	Chloroethane	64.52	12		1.0	1.0
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.40	0.40
75-69-4	Trichlorofluoromethane	137.37	ND		0.40	0.40
76-13-1	Freon TF	187.38	ND		0.40	0.40
75-35-4	1,1-Dichloroethene	96.94	ND		0.40	0.40
67-64-1	Acetone	58.08	ND		10	10
67-63-0	Isopropyl alcohol	60.10	ND		10	10
75-15-0	Carbon disulfide	76.14	ND		1.0	1.0
107-05-1	3-Chloropropene	76.53	ND		1.0	1.0
75-09-2	Methylene Chloride	84.93	ND		1.0	1.0
75-65-0	tert-Butyl alcohol	74.12	ND		10	10
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.40	0.40
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.40	0.40
110-54-3	n-Hexane	86.17	ND		0.40	0.40
75-34-3	1,1-Dichloroethane	98.96	2.5		0.40	0.40
78-93-3	Methyl Ethyl Ketone	72.11	ND		1.0	1.0
156-59-2	cis-1,2-Dichloroethene	96.94	52		0.40	0.40
540-59-0	1,2-Dichloroethene, Total	96.94	53		0.40	0.40
67-66-3	Chloroform	119.38	ND		0.40	0.40
109-99-9	Tetrahydrofuran	72.11	ND		10	10
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.40	0.40
110-82-7	Cyclohexane	84.16	ND		0.40	0.40
56-23-5	Carbon tetrachloride	153.81	ND		0.40	0.40
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.40	0.40
71-43-2	Benzene	78.11	ND		0.40	0.40
107-06-2	1,2-Dichloroethane	98.96	ND		0.40	0.40
142-82-5	n-Heptane	100.21	ND		0.40	0.40
79-01-6	Trichloroethene	131.39	17		0.40	0.40

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Client Sample ID: AS Effluent-1Q13 Lab Sample ID: 480-32226-2
 Matrix: Air Lab File ID: ggzp007.d
 Analysis Method: TO-15 Date Collected: 01/21/2013 08:00
 Sample wt/vol: 100 (mL) Date Analyzed: 02/13/2013 13:50
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		0.40	0.40
123-91-1	1,4-Dioxane	88.11	ND		10	10
75-27-4	Bromodichloromethane	163.83	ND		0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.40	0.40
108-10-1	methyl isobutyl ketone	100.16	ND		1.0	1.0
108-88-3	Toluene	92.14	1.2		0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.40	0.40
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.40	0.40
127-18-4	Tetrachloroethene	165.83	ND		0.40	0.40
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		1.0	1.0
124-48-1	Dibromochloromethane	208.29	ND		0.40	0.40
106-93-4	1,2-Dibromoethane	187.87	ND		0.40	0.40
108-90-7	Chlorobenzene	112.30	ND		0.40	0.40
100-41-4	Ethylbenzene	106.17	ND		0.40	0.40
179601-23-1	m,p-Xylene	106.17	ND		1.0	1.0
95-47-6	Xylene, o-	106.17	ND		0.40	0.40
1330-20-7	Xylene (total)	106.17	0.55		0.40	0.40
100-42-5	Styrene	104.15	ND		0.40	0.40
75-25-2	Bromoform	252.75	ND		0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.40	0.40
622-96-8	4-Ethyltoluene	120.20	ND		0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.40	0.40
95-49-8	2-Chlorotoluene	126.59	ND		0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.40	0.40
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.40	0.40
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.40	0.40
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		1.0	1.0
87-68-3	Hexachlorobutadiene	260.76	ND		0.40	0.40

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: AS Effluent-1Q13 Lab Sample ID: 480-32226-2

Matrix: Air Lab File ID: ggzp007.d

Analysis Method: TO-15 Date Collected: 01/21/2013 08:00

Sample wt/vol: 100 (mL) Date Analyzed: 02/13/2013 13:50

Soil Aliquot Vol: _____ Dilution Factor: 2

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51845 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		4.9	4.9
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		2.8	2.8
74-87-3	Chloromethane	50.49	ND		2.1	2.1
75-01-4	Vinyl chloride	62.50	71		1.0	1.0
106-99-0	1,3-Butadiene	54.09	ND		0.88	0.88
74-83-9	Bromomethane	94.94	ND		1.6	1.6
75-00-3	Chloroethane	64.52	31		2.6	2.6
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		1.7	1.7
75-69-4	Trichlorofluoromethane	137.37	ND		2.2	2.2
76-13-1	Freon TF	187.38	ND		3.1	3.1
75-35-4	1,1-Dichloroethene	96.94	ND		1.6	1.6
67-64-1	Acetone	58.08	ND		24	24
67-63-0	Isopropyl alcohol	60.10	ND		25	25
75-15-0	Carbon disulfide	76.14	ND		3.1	3.1
107-05-1	3-Chloropropene	76.53	ND		3.1	3.1
75-09-2	Methylene Chloride	84.93	ND		3.5	3.5
75-65-0	tert-Butyl alcohol	74.12	ND		30	30
1634-04-4	Methyl tert-butyl ether	88.15	ND		1.4	1.4
156-60-5	trans-1,2-Dichloroethene	96.94	ND		1.6	1.6
110-54-3	n-Hexane	86.17	ND		1.4	1.4
75-34-3	1,1-Dichloroethane	98.96	10		1.6	1.6
78-93-3	Methyl Ethyl Ketone	72.11	ND		2.9	2.9
156-59-2	cis-1,2-Dichloroethene	96.94	210		1.6	1.6
540-59-0	1,2-Dichloroethene, Total	96.94	210		1.6	1.6
67-66-3	Chloroform	119.38	ND		2.0	2.0
109-99-9	Tetrahydrofuran	72.11	ND		29	29
71-55-6	1,1,1-Trichloroethane	133.41	ND		2.2	2.2
110-82-7	Cyclohexane	84.16	ND		1.4	1.4
56-23-5	Carbon tetrachloride	153.81	ND		2.5	2.5
540-84-1	2,2,4-Trimethylpentane	114.23	ND		1.9	1.9
71-43-2	Benzene	78.11	ND		1.3	1.3
107-06-2	1,2-Dichloroethane	98.96	ND		1.6	1.6
142-82-5	n-Heptane	100.21	ND		1.6	1.6
79-01-6	Trichloroethene	131.39	92		2.1	2.1

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Client Sample ID: AS Effluent-1Q13 Lab Sample ID: 480-32226-2
 Matrix: Air Lab File ID: ggzp007.d
 Analysis Method: TO-15 Date Collected: 01/21/2013 08:00
 Sample wt/vol: 100 (mL) Date Analyzed: 02/13/2013 13:50
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 51845 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		1.8	1.8
123-91-1	1,4-Dioxane	88.11	ND		36	36
75-27-4	Bromodichloromethane	163.83	ND		2.7	2.7
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		1.8	1.8
108-10-1	methyl isobutyl ketone	100.16	ND		4.1	4.1
108-88-3	Toluene	92.14	4.4		1.5	1.5
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		1.8	1.8
79-00-5	1,1,2-Trichloroethane	133.41	ND		2.2	2.2
127-18-4	Tetrachloroethene	165.83	ND		2.7	2.7
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		4.1	4.1
124-48-1	Dibromochloromethane	208.29	ND		3.4	3.4
106-93-4	1,2-Dibromoethane	187.87	ND		3.1	3.1
108-90-7	Chlorobenzene	112.30	ND		1.8	1.8
100-41-4	Ethylbenzene	106.17	ND		1.7	1.7
179601-23-1	m,p-Xylene	106.17	ND		4.3	4.3
95-47-6	Xylene, o-	106.17	ND		1.7	1.7
1330-20-7	Xylene (total)	106.17	2.4		1.7	1.7
100-42-5	Styrene	104.15	ND		1.7	1.7
75-25-2	Bromoform	252.75	ND		4.1	4.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		2.7	2.7
622-96-8	4-Ethyltoluene	120.20	ND		2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		2.0	2.0
95-49-8	2-Chlorotoluene	126.59	ND		2.1	2.1
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		2.0	2.0
541-73-1	1,3-Dichlorobenzene	147.00	ND		2.4	2.4
106-46-7	1,4-Dichlorobenzene	147.00	ND		2.4	2.4
95-50-1	1,2-Dichlorobenzene	147.00	ND		2.4	2.4
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		7.4	7.4
87-68-3	Hexachlorobutadiene	260.76	ND		4.3	4.3

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 480-32226-2
Client Smp ID: AS Effluent-1013
Inj Date : 13-FEB-2013 13:50
Operator : MTP
Smp Info : 480-32226-A-2
Misc Info : 100,2, all.sub
Comment :
Method : /chem/G.i/Gsvr.p/ggzpt015.b/to15v5.m
Meth Date : 13-Feb-2013 10:53 mtp
Cal Date : 25-JAN-2013 16:32
Als bottle: 6
Dil Factor: 2.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: G.i
Quant Type: ISTD
Cal File: gg010.d
Compound Sublist: allT015.sub

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

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	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	FINAL
							(ppb v/v)	(ppb v/v)
1 Propene		41	3.006	3.006	(0.294)	5108	0.38709	0.77(aQ)
2 Dichlorodifluoromethane		85	3.076	3.076	(0.301)	32240	0.31971	0.64(a)
3 Chlorodifluoromethane		51	3.113	3.119	(0.304)	11552	0.27225	0.54(a)
4 1,2-Dichloro-1,1,2,2-tetraflu		85	Compound Not Detected.					
5 Chloromethane		50	3.456	3.461	(0.338)	7493	0.35519	0.71(a)
6 Butane		43	3.670	3.675	(0.359)	18061	0.64389	1.3
7 Vinyl chloride		62	3.696	3.702	(0.361)	386202	13.7978	28
8 1,3-Butadiene		54	Compound Not Detected.					
9 Bromomethane		94	Compound Not Detected.					
10 Chloroethane		64	4.670	4.681	(0.457)	65663	5.78467	12
11 2-Methylbutane		43	4.788	4.793	(0.468)	9079	0.42002	0.84
12 Vinyl bromide		106	Compound Not Detected.					
13 Trichlorofluoromethane		101	5.189	5.200	(0.507)	17011	0.14210	0.28(a)
14 Pentane		43	5.344	5.355	(0.522)	12232	0.37593	0.75(a)

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.740	5.729	(0.561)	8282	1.17230	2.3(a)
16 Ethyl ether	59	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.291	6.291	(0.615)	3722	0.04592	0.092(a)
18 Acrolein	56	Compound Not Detected.					
19 1,1-Dichloroethene	96	6.291	6.302	(0.615)	3706	0.10850	0.22(a)
20 Acetone	43	6.489	6.489	(0.634)	121992	3.99246	8.0(a)
21 Carbon disulfide	76	6.671	6.681	(0.652)	44026	0.44818	0.90(a)
22 Isopropanol	45	6.837	6.815	(0.668)	5194	0.24775	0.50(a)
23 Allyl chloride	41	Compound Not Detected.					
24 Acetonitrile	41	Compound Not Detected.					
25 Methylene chloride	49	7.339	7.361	(0.718)	5547	0.19759	0.40(a)
26 Tert-butyl alcohol	59	Compound Not Detected.					
27 Methyl tert-butyl ether	73	Compound Not Detected.					
28 1,2-Dichloroethene (trans)	61	7.810	7.832	(0.764)	7440	0.17380	0.35(a)
29 Acrylonitrile	53	Compound Not Detected.					
30 n-Hexane	57	8.260	8.270	(0.808)	6107	0.18160	0.36(aQ)
31 1,1-Dichloroethane	63	8.661	8.677	(0.847)	70159	1.25744	2.5
32 Vinyl acetate	43	Compound Not Detected.					
M 33 1,2-Dichloroethene,Total	61				1349572	26.3977	53
34 1,2-Dichloroethene (cis)	96	9.768	9.790	(0.955)	1342132	26.2239	52
35 Ethyl acetate	88	Compound Not Detected.					
36 Methyl Ethyl Ketone	72	Compound Not Detected.					
* 37 Bromochloromethane	128	10.228	10.244	(1.000)	662428	10.0000	
38 Tetrahydrofuran	42	10.292	10.276	(0.840)	17357	0.71988	1.4(a)
39 Chloroform	83	Compound Not Detected.					
40 Cyclohexane	84	Compound Not Detected.					
41 1,1,1-Trichloroethane	97	10.678	10.699	(0.872)	10779	0.07640	0.15(a)
42 Carbon tetrachloride	117	10.950	10.972	(0.894)	6665	0.03839	0.077(a)
43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
44 Benzene	78	11.395	11.411	(0.930)	26239	0.16326	0.33(a)
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.871	11.881	(0.969)	3285	0.05472	0.11(a)
* 47 1,4-Difluorobenzene	114	12.250	12.272	(1.000)	4048160	10.0000	
48 n-Butanol	56	Compound Not Detected.					
49 Trichloroethene	95	12.748	12.769	(1.041)	914749	8.54049	17
50 1,2-Dichloropropane	63	Compound Not Detected.					
51 Methyl methacrylate	69	Compound Not Detected.					
52 Dibromomethane	174	Compound Not Detected.					
53 1,4-Dioxane	88	13.561	13.540	(1.107)	14625	0.54201	1.1(a)
54 Bromodichloromethane	83	Compound Not Detected.					
55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56 Methyl isobutyl ketone	43	Compound Not Detected.					
57 n-Octane	43	Compound Not Detected.					
58 Toluene	92	15.471	15.487	(0.841)	97294	0.58362	1.2
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	Compound Not Detected.					

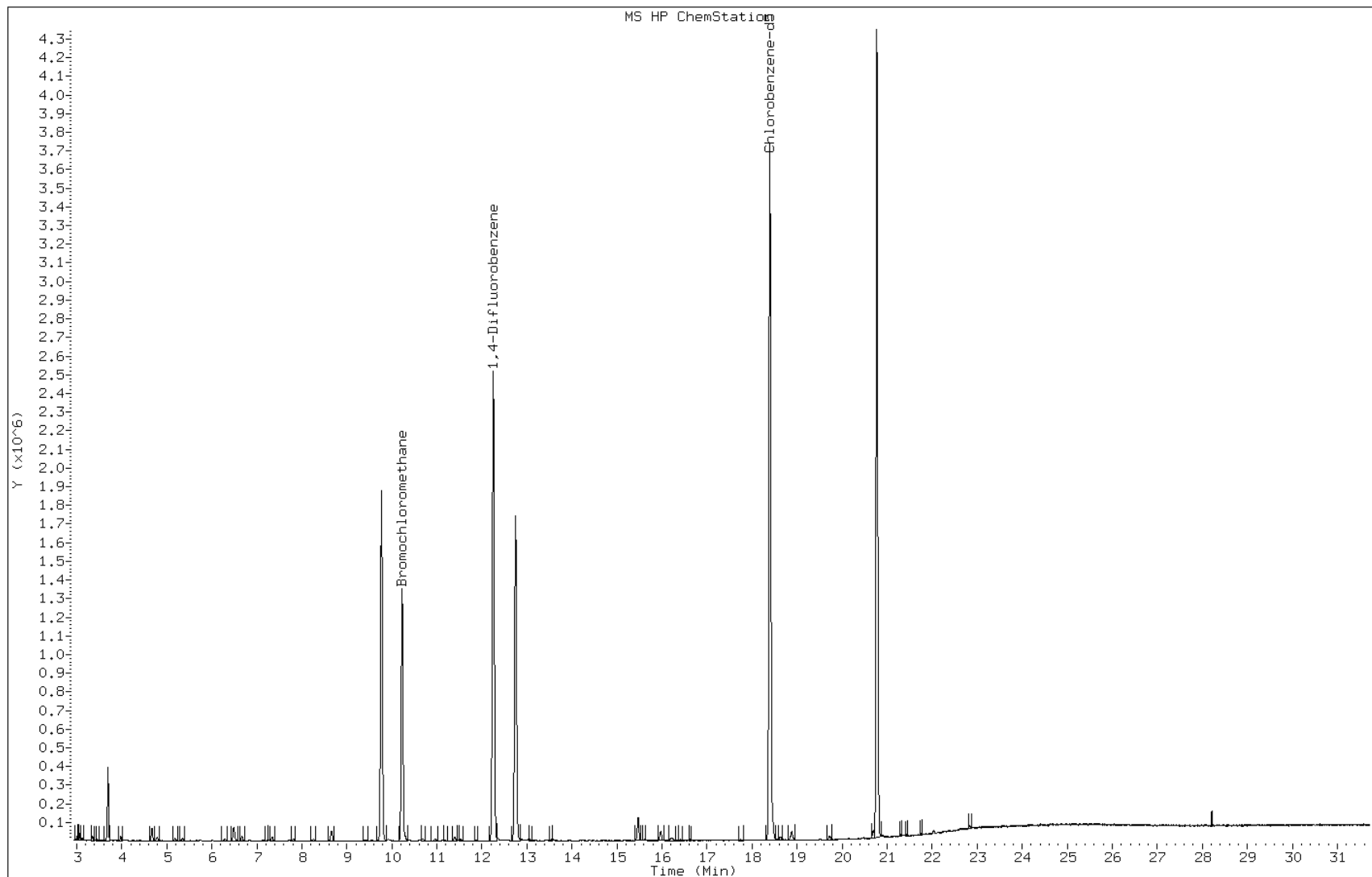
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	18.392	18.413	(1.000)	4477789	10.0000	
66 Chlorobenzene	112				Compound Not Detected.		
67 n-Nonane	57				Compound Not Detected.		
68 Ethylbenzene	91	18.633	18.649	(1.013)	21171	0.06767	0.14(a)
69 Xylene (m,p)	106	18.884	18.900	(1.027)	26306	0.19830	0.40(a)
M 70 Xylenes, Total	106				37328	0.27483	0.55
71 Xylene (o)	106	19.719	19.735	(1.072)	11022	0.07652	0.15(a)
72 Styrene	104				Compound Not Detected.		
73 Bromoform	173				Compound Not Detected.		
74 Isopropylbenzene	105				Compound Not Detected.		
75 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
76 n-Propylbenzene	91				Compound Not Detected.		
77 1,2,3-Trichloropropane	75				Compound Not Detected.		
78 n-Decane	57				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.		
82 Alpha Methyl Styrene	118				Compound Not Detected.		
83 tert-butylbenzene	119				Compound Not Detected.		
84 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
85 sec-Butylbenzene	105				Compound Not Detected.		
86 4-Isopropyltoluene	119				Compound Not Detected.		
87 1,3-Dichlorobenzene	146				Compound Not Detected.		
88 1,4-Dichlorobenzene	146				Compound Not Detected.		
89 Benzyl chloride	91				Compound Not Detected.		
90 Undecane	57				Compound Not Detected.		
91 n-Butylbenzene	91				Compound Not Detected.		
92 1,2-Dichlorobenzene	146				Compound Not Detected.		
93 Dodecane	57				Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225				Compound Not Detected.		
96 Naphthalene	128				Compound Not Detected.		
97 1,2,3-Trichlorobenzene	180				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: ggzp007.d
Client ID: AS Effluent-1Q13
Operator: MTP
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 480-32226-A-2
Lab Sample ID: 480-32226-2

Date: 13-FEB-2013 13:50
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



Data File: ggzp007.d

Lab Sample ID: 480-32226-2

Date: 13-FEB-2013 13:50

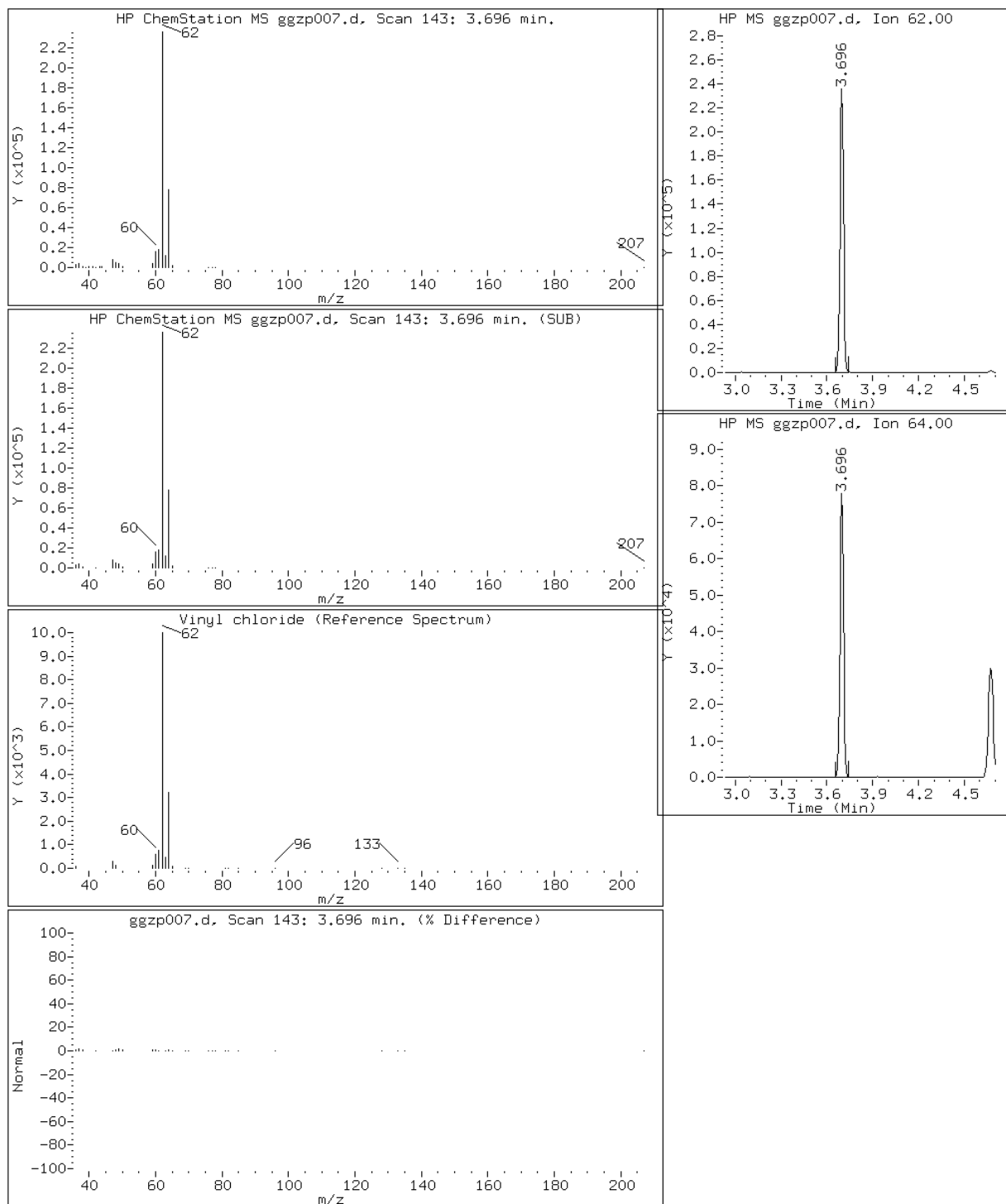
Client ID: AS Effluent-1Q13

Instrument: G.i

Sample Info: 480-32226-A-2

Operator: MTP

7 Vinyl chloride



Data File: ggzp007.d

Lab Sample ID: 480-32226-2

Date: 13-FEB-2013 13:50

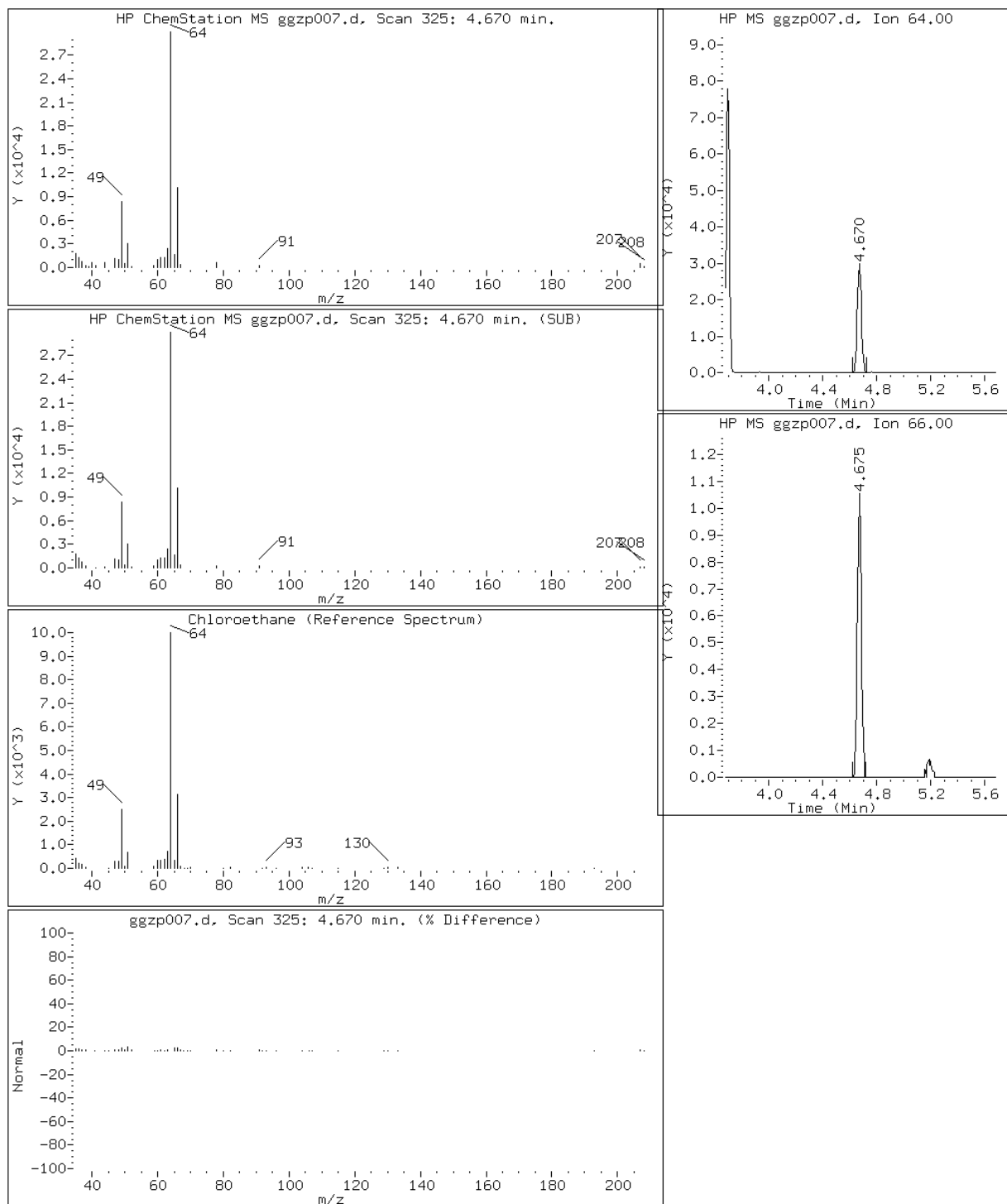
Client ID: AS Effluent-1Q13

Instrument: G.i

Sample Info: 480-32226-A-2

Operator: MTP

10 Chloroethane



Data File: ggzp007.d

Lab Sample ID: 480-32226-2

Date: 13-FEB-2013 13:50

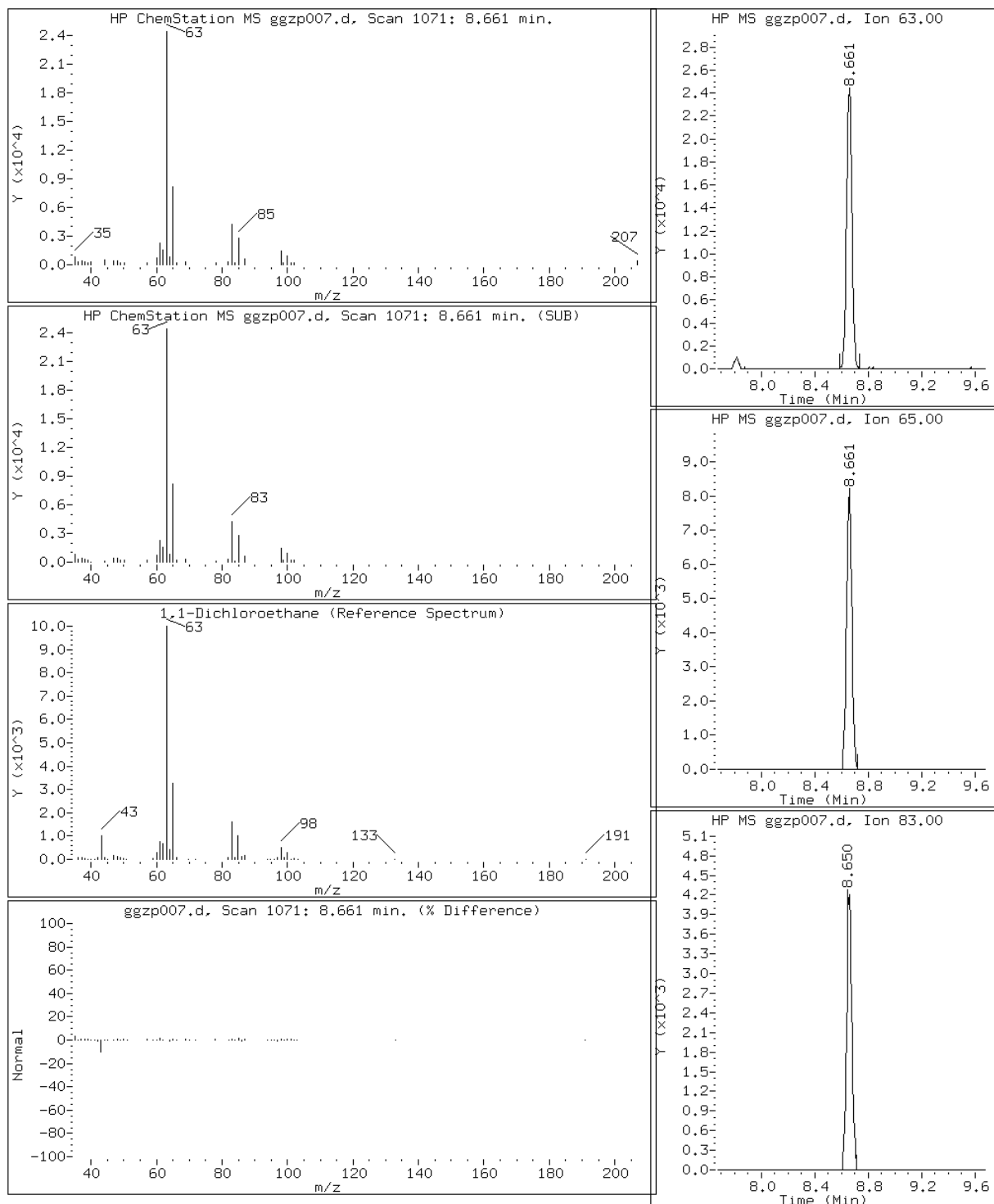
Client ID: AS Effluent-1Q13

Instrument: G.i

Sample Info: 480-32226-A-2

Operator: MTP

31 1,1-Dichloroethane



Data File: ggzp007.d

Lab Sample ID: 480-32226-2

Date: 13-FEB-2013 13:50

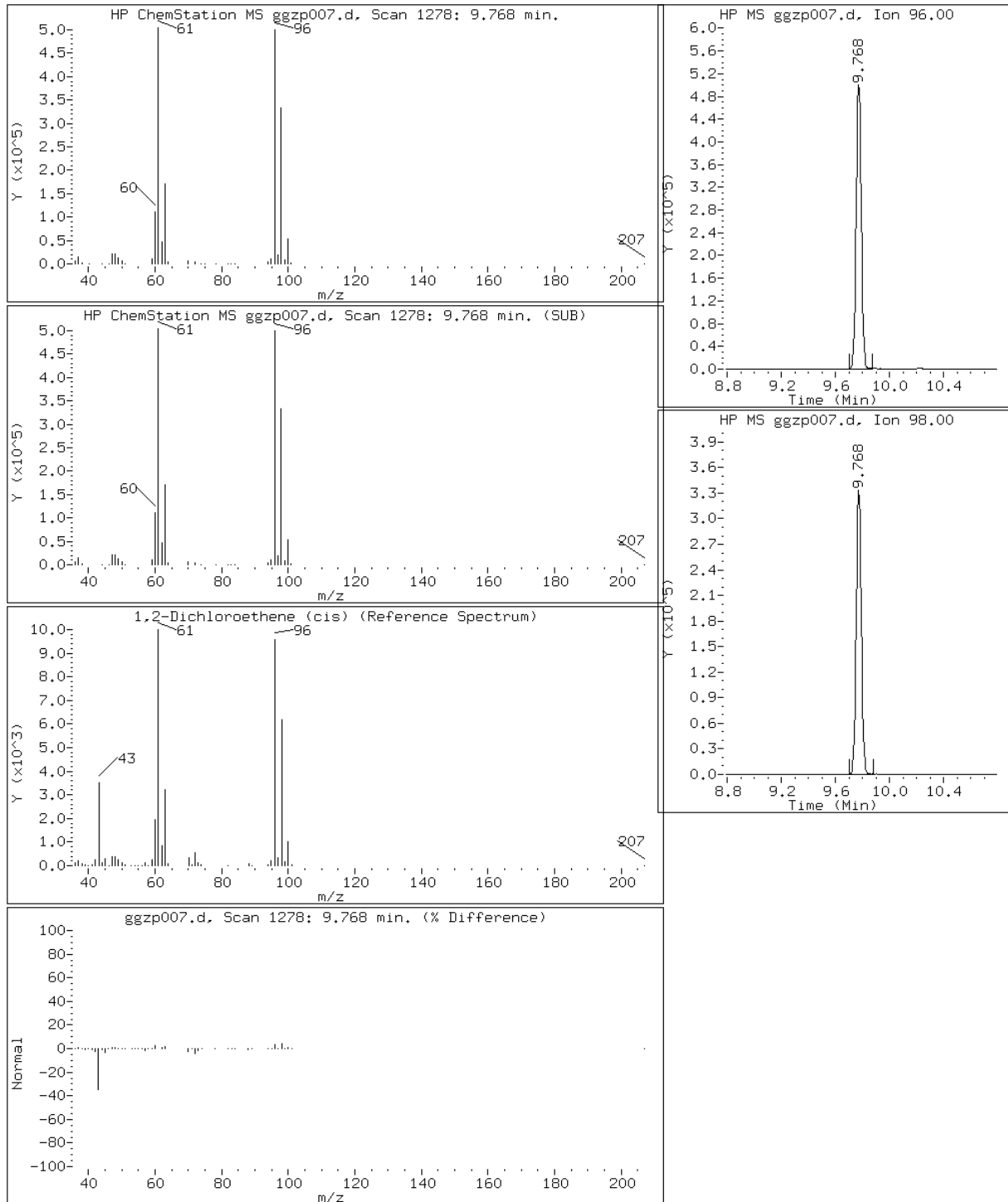
Client ID: AS Effluent-1Q13

Instrument: G.i

Sample Info: 480-32226-A-2

Operator: MTP

34 1,2-Dichloroethene (cis)



Data File: ggzp007.d

Lab Sample ID: 480-32226-2

Date: 13-FEB-2013 13:50

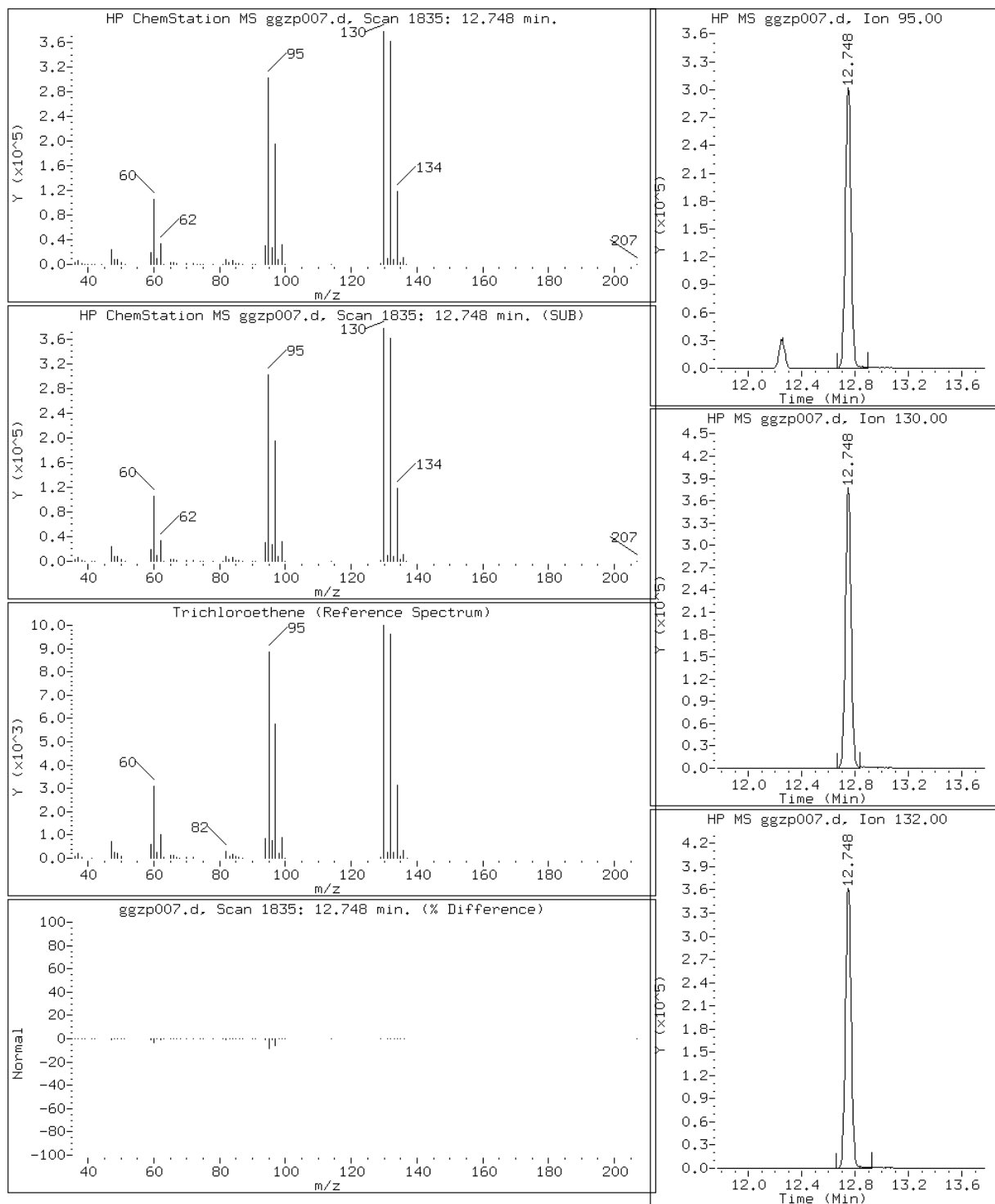
Client ID: AS Effluent-1Q13

Instrument: G.i

Sample Info: 480-32226-A-2

Operator: MTP

49 Trichloroethene



Data File: ggzp007.d

Lab Sample ID: 480-32226-2

Date: 13-FEB-2013 13:50

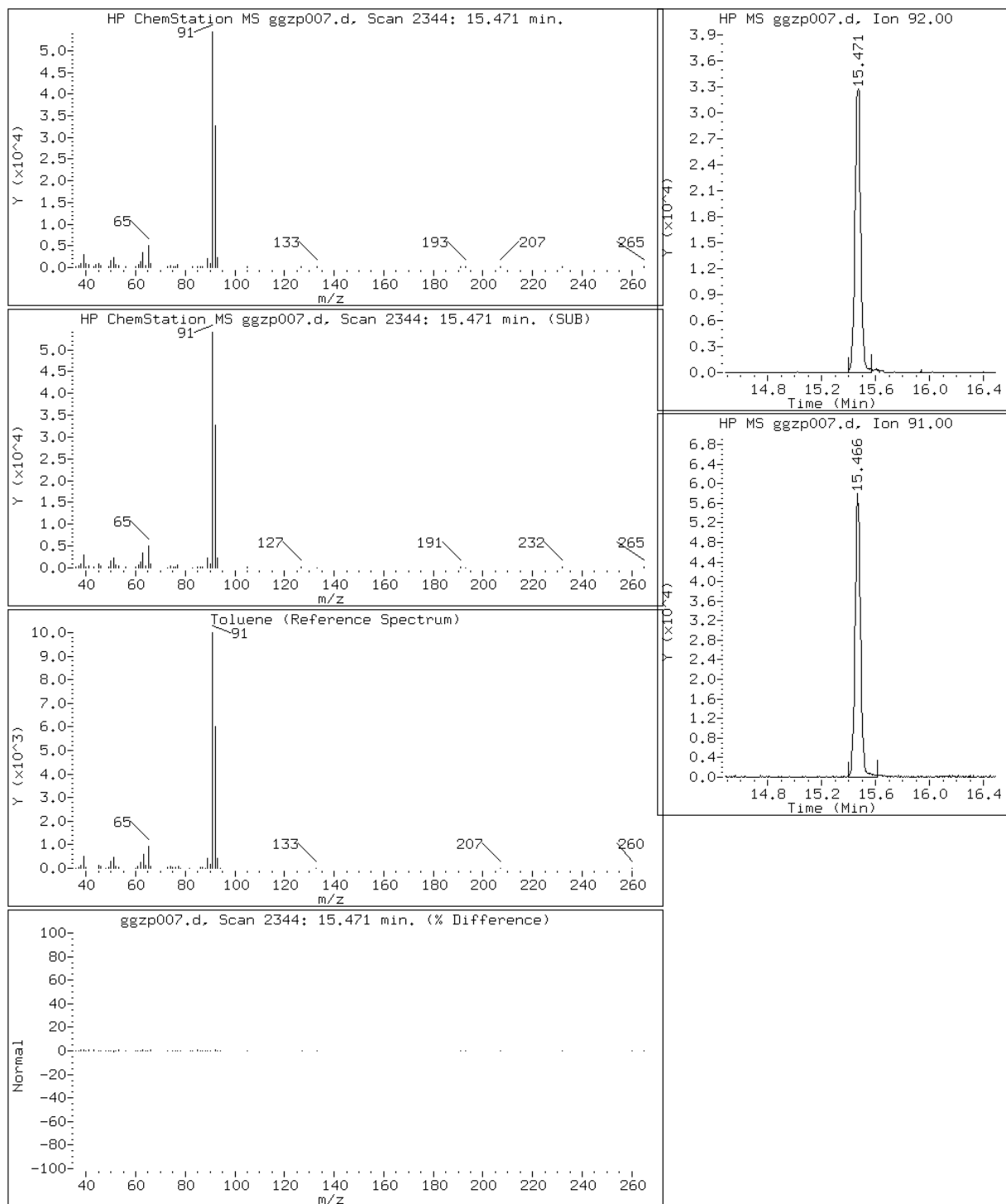
Client ID: AS Effluent-1Q13

Instrument: G.i

Sample Info: 480-32226-A-2

Operator: MTP

58 Toluene



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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 47421

SDG No.: _____

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-47421/3	ic 393985	bku003.d
Level 2	IC 200-47421/4	ic 393985	bku004.d
Level 3	IC 200-47421/5	ic 393988	bku005.d
Level 4	IC 200-47421/6	ic 393951	bku006.d
Level 5	ICIS 200-47421/7	icis 408689	bku007.d
Level 6	IC 200-47421/8	IC 393949	bku008.d
Level 7	IC 200-47421/9	ic 393948	bku009.d
Level 8	IC 200-47421/10	ic 393946	bku010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	++++ 0.2083	0.1971	0.2405 0.1880	0.2190	0.2146	Ave		0.2112				8.7		30.0			
Dichlorodifluoromethane	++++ 1.4992	1.4354	1.6548 1.3375	1.6260	1.5750	Ave		1.5213				8.0		30.0			
Freon 22	++++ 0.5854	0.5541	0.6471 0.5156	0.6406	0.6132	Ave		0.5927				8.7		30.0			
1,2-Dichlorotetrafluoroethane	++++ 1.4850	1.8135 1.4214	1.6618 1.3005	1.6138	1.5585	Ave		1.5506				10.8		30.0			
Chloromethane	++++ 0.3096	0.2934	0.3533 0.2777	0.3458	0.3280	Ave		0.3180				9.3		30.0			
n-Butane	++++ 0.5394	0.5082	0.6387 0.4671	0.5837	0.5593	Ave		0.5494				10.9		30.0			
1,3-Butadiene	++++ 0.3239	0.3507 0.3093	0.3301 0.2867	0.3388	0.3334	Ave		0.3247				6.5		30.0			
Vinyl chloride	0.4726 0.4493	0.5097 0.4236	0.4735 0.3951	0.4803	0.4699	Ave		0.4592				7.8		30.0			
Bromomethane	++++ 0.6634	0.7708 0.6597	0.7163 0.6177	0.6939	0.6791	Ave		0.6858				7.1		30.0			
Chloroethane	++++ 0.3054	0.2977	0.3031 0.2859	0.3187	0.3185	Ave		0.3049				4.1		30.0			
Isopentane	++++ 0.5698	0.6784 0.5455	0.6177 0.5235	0.5973	0.5815	Ave		0.5877				8.6		30.0			
Bromoethene (Vinyl Bromide)	++++ 0.8221	0.8951 0.8161	0.8700 0.7952	0.8254	0.8256	Ave		0.8356				4.1		30.0			
Trichlorofluoromethane	++++ 2.2843	2.6966 2.2444	2.5209 2.1489	2.4184	2.3565	Ave		2.3814				7.7		30.0			
n-Pentane	++++ 0.9350	0.8995	1.0870 0.8602	0.9885	0.9564	Ave		0.9544				8.3		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 47421

SDG No.: _____

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	++++ 0.2041	0.2001	0.2011 0.1920	0.1996	0.1877	Ave		0.1975				3.2		30.0			
Ethyl ether	++++ 0.5350	0.5380 0.5272	0.5221 0.4977	0.5521	0.5451	Ave		0.5310				3.4		30.0			
Acrolein	++++ 0.2622	0.2625	0.2491	0.2818	0.2552	Ave		0.2621				4.7		30.0			
Acetone	++++ 0.9568	0.9182	0.8386	1.1860	1.0566	Ave		0.9912				13.5		30.0			
Freon TF	++++ 1.7510	2.1499 1.7315	1.8771 1.5965	1.8118	1.7752	Ave		1.8133				9.5		30.0			
1,1-Dichloroethene	++++ 0.8444	0.9167 0.8389	0.8565 0.7897	0.8569	0.8487	Ave		0.8503				4.4		30.0			
Isopropyl alcohol	++++ 0.7293	0.6933	0.6528	0.7399	0.7803	Ave		0.7191				6.7		30.0			
Carbon disulfide	++++ 2.3979	2.4834 2.3519	2.2120	2.4710	2.4245	Ave		2.3901				4.2		30.0			
Acetonitrile	++++ 0.4317	0.4069	0.3800	0.4586	0.4450	Ave		0.4244				7.4		30.0			
3-Chloropropene	++++ 0.7543	0.7400 0.6930	0.7224 0.6714	0.7757	0.7202	Ave		0.7253				4.9		30.0			
Methylene Chloride	++++ 0.6686	0.6374	0.7701 0.5991	0.7173	0.6888	Ave		0.6802				8.8		30.0			
tert-Butyl alcohol	++++ 1.3354	1.2887	1.2095	1.3096	1.4491	Ave		1.3185				6.6		30.0			
Acrylonitrile	++++ 0.4784	0.4695	0.3770 0.4574	0.4821	0.4720	Ave		0.4561				8.7		30.0			
Methyl tert-butyl ether	++++ 2.4657	2.7238 2.4195	2.4801 2.2505	2.5386	2.5226	Ave		2.4858				5.7		30.0			
trans-1,2-Dichloroethene	++++ 1.1063	1.3689 1.0591	1.1402 0.9671	1.1797	1.1304	Ave		1.1359				10.9		30.0			
n-Hexane	++++ 1.1240	1.1797 1.0896	1.1560 1.0184	1.1696	1.1384	Ave		1.1251				5.0		30.0			
Vinyl acetate	++++ 1.5750	1.5276	1.4274	1.6045	1.5889	Ave		1.5447				4.6		30.0			
1,1-Dichloroethane	++++ 1.3704	1.5593 1.3324	1.4106 1.2330	1.4576	1.4064	Ave		1.3957				7.3		30.0			
Ethyl acetate	++++ 0.0812	0.0812	0.0753	0.0779	0.0824	Ave		0.0796				3.7		30.0			
Methyl Ethyl Ketone	++++ 0.4032	0.3918	0.4781 0.3555	0.4342	0.4152	Ave		0.4130				10.0		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 47421

SDG No.: _____

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Tetrahydrofuran	++++ 0.1415	0.1368	0.1295	0.1508	0.1456	Ave		0.1408				5.8		30.0			
cis-1,2-Dichloroethene	++++ 0.9668	1.0438 0.9580	0.9527 0.8736	0.9847	0.9789	Ave		0.9655				5.2		30.0			
Chloroform	++++ 1.8968	2.1888 1.8488	2.0314 1.7307	1.9964	1.9437	Ave		1.9481				7.5		30.0			
1,1,1-Trichloroethane	++++ 0.4606	0.5198 0.4535	0.4812 0.4219	0.4846	0.4745	Ave		0.4709				6.4		30.0			
Cyclohexane	++++ 0.2672	0.3000 0.2627	0.2700 0.2396	0.2729	0.2746	Ave		0.2696				6.6		30.0			
2,2,4-Trimethylpentane	++++ 0.7454	0.8225 0.7197	0.7732 0.6585	0.7866	0.7722	Ave		0.7540				7.0		30.0			
Benzene	++++ 0.5680	0.6566 0.5545	0.5962 0.5107	0.5909	0.5795	Ave		0.5795				7.7		30.0			
1,2-Dichloroethane	++++ 0.2505	0.2728 0.2394	0.2600 0.2281	0.2674	0.2599	Ave		0.2540				6.2		30.0			
n-Heptane	++++ 0.2418	0.2762 0.2290	0.2565 0.2130	0.2604	0.2492	Ave		0.2466				8.5		30.0			
n-Butanol	++++ 0.0801	0.0785	0.0771	0.0721	0.0766	Ave		0.0769				3.9		30.0			
1,4-Dioxane	++++ 0.0906	0.0863	0.0789	0.0917	0.0944	Ave		0.0884				6.8		30.0			
Carbon tetrachloride	0.6362 0.5024	0.5635 0.4995	0.5085 0.4760	0.5176	0.5178	Ave		0.5277				9.5		30.0			
Methyl methacrylate	++++ 0.2011	0.1538 0.1996	0.1996 0.1900	0.2031	Ave			0.1912				9.9		30.0			
1,2-Dichloropropane	++++ 0.1832	0.2238 0.1789	0.1975 0.1672	0.1920	0.1860	Ave		0.1898				9.4		30.0			
Dibromomethane	++++ 0.3095	0.3274 0.3141	0.3049 0.2930	0.3024	0.3102	Ave		0.3088				3.5		30.0			
Bromodichloromethane	++++ 0.4609	0.4794 0.4509	0.4425 0.4233	0.4752	0.4702	Ave		0.4575				4.4		30.0			
methyl isobutyl ketone	++++ 0.3171	0.2546 0.3031	0.3315 0.2859	0.3216	Ave			0.3023				9.3		30.0			
cis-1,3-Dichloropropene	++++ 0.3308	0.2957 0.3260	0.3003 0.3079	0.3373	0.3353	Ave		0.3190				5.4		30.0			
Trichloroethene	0.3611 0.2795	0.3268 0.2755	0.2867 0.2582	0.2883	0.2845	Ave		0.2951				11.2		30.0			
Toluene	++++ 0.4877	0.5880 0.4778	0.5191 0.4377	0.5234	0.5139	Ave		0.5068				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.: 480-32226-1 Analy Batch No.: 47421

SDG No.: _____

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	++++ 0.3168	0.3744 0.2972	0.3581 0.2573	0.3544	0.3327	Ave		0.3273				12.4		30.0			
trans-1,3-Dichloropropene	++++ 0.3561	0.3400 0.3505	0.3086 0.3306	0.3645	0.3584	Ave		0.3441				5.7		30.0			
1,1,2-Trichloroethane	++++ 0.2298	0.2375 0.2265	0.2435 0.2177	0.2434	0.2414	Ave		0.2342				4.2		30.0			
Methyl Butyl Ketone (2-Hexanone)	++++ 0.3334	0.2445 0.3188	0.3612 0.3137	0.3392	Ave			0.3185				12.5		30.0			
Dibromochloromethane	++++ 0.5864	0.5511 0.5880	0.5325 0.5667	0.5949	0.6044	Ave		0.5749				4.5		30.0			
1,2-Dibromoethane	++++ 0.4873	0.4936 0.4859	0.4577 0.4681	0.5069	0.5073	Ave		0.4867				3.8		30.0			
Chlorobenzene	++++ 0.7237	0.8638 0.7252	0.7549 0.6933	0.7635	0.7492	Ave		0.7534				7.2		30.0			
Ethylbenzene	++++ 1.1012	1.2443 1.0836	1.1529 1.0236	1.1772	1.1549	Ave		1.1340				6.3		30.0			
n-Nonane	++++ 0.3903	0.4507 0.3744	0.4423 0.3431	0.4355	0.4167	Ave		0.4076				9.8		30.0			
m,p-Xylene	++++ 0.4513	0.5331 0.4403	0.4892 0.3968	0.4887	0.4759	Ave		0.4679				9.3		30.0			
Tetrachloroethene	0.6739 0.5154	0.5791 0.5233	0.5351 0.4954	0.5281	0.5304	Ave		0.5476				10.3		30.0			
Xylene, o-	++++ 0.4482	0.4658 0.4440	0.4650 0.4105	0.4820	0.4701	Ave		0.4551				5.2		30.0			
Styrene	++++ 0.7010	0.6360 0.6984	0.6167 0.6507	0.7263	0.7125	Ave		0.6774				6.2		30.0			
Bromoform	++++ 0.6251	0.5722 0.6318	0.5446 0.5925	0.6332	0.6394	Ave		0.6056				6.0		30.0			
Cumene	++++ 1.3131	1.4313 1.3007	1.3493 1.2044	1.4141	1.3839	Ave		1.3424				5.8		30.0			
1,2,3-Trichloropropane	++++ 0.4296	0.5024 0.4057	0.4987 0.3515	0.4635	Ave			0.4419				13.2		30.0			
n-Decane	++++ 0.4848	0.5990 0.4562	0.5774 0.4010	0.5290	Ave			0.5079				14.8		30.0			
1,1,2,2-Tetrachloroethane	++++ 0.5948	0.6823 0.5771	0.6268 0.5248	0.6603	0.6258	Ave		0.6131				8.6		30.0			
n-Propylbenzene	++++ 1.4334	1.6946 1.3691	1.5923 1.1863	1.6181	1.5275	Ave		1.4888				11.6		30.0			
4-Ethyltoluene	++++ 1.3322	1.4856 1.2884	1.4172 1.1361	1.4723	1.3971	Ave		1.3613				9.0		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.: 480-32226-1 Analy Batch No.: 47421

SDG No.: _____

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 1.1551	1.4488 1.1262	1.2523 1.0241	1.2782	1.2264	Ave		1.2159				11.0		30.0			
1,3,5-Trimethylbenzene	+++++ 1.1355	1.3226 1.0963	1.2482 0.9879	1.2425	1.1929	Ave		1.1751				9.5		30.0			
Alpha Methyl Styrene	+++++ 0.6106	0.4849 0.6054	0.5143 0.5730	0.6213	0.6120	Ave		0.5745				9.4		30.0			
tert-Butylbenzene	+++++ 1.0967	1.2863 1.0746	1.2083 0.9984	1.1961	1.1576	Ave		1.1454				8.4		30.0			
n-Undecane	+++++ 0.4851	0.4455	0.3649	0.6240	0.5166	Ave		0.4872				19.5		30.0			
1,2,4-Trimethylbenzene	+++++ 1.1097	1.2868 1.0977	1.2099 1.0209	1.2344	1.1637	Ave		1.1604				7.9		30.0			
sec-Butylbenzene	+++++ 1.5756	2.1662 1.5434	1.8073 1.4018	1.7767	1.6745	Ave		1.7065				14.4		30.0			
4-Isopropyltoluene	+++++ 1.4026	1.5761 1.3841	1.4810 1.2576	1.5523	1.4765	Ave		1.4472				7.5		30.0			
1,3-Dichlorobenzene	+++++ 0.8459	1.0361 0.8433	0.8903 0.7835	0.9263	0.8477	Ave		0.8819				9.2		30.0			
1,4-Dichlorobenzene	+++++ 0.8634	1.0463 0.8546	0.9235 0.7956	0.9444	0.8523	Ave		0.8971				9.2		30.0			
Benzyl chloride	+++++ 1.0135	0.9639 1.0038	0.9323 0.9621	1.0956	0.8714	Ave		0.9775				7.2		30.0			
n-Butylbenzene	+++++ 1.0999	1.4106 1.0435	1.2879 0.8936	1.3183	1.1571	Ave		1.1730				15.2		30.0			
1,2-Dichlorobenzene	+++++ 0.8166	1.0174 0.8157	0.8508 0.7615	0.9060	0.8222	Ave		0.8557				9.8		30.0			
n-Dodecane	+++++ 0.4444	0.4444	0.2355	0.5398	0.3944	Ave		0.4117				27.1		30.0			
1,2,4-Trichlorobenzene	+++++ 0.7008	0.7269	0.6994 0.5459	0.8016	0.5446	Ave		0.6699				15.4		30.0			
Naphthalene	+++++ 1.4055	1.3669 1.5170	1.1888	1.7160	0.9661	Ave		1.3600				19.1		30.0			
Hexachlorobutadiene	+++++ 0.6269	0.8920 0.6240	0.7821 0.4409	0.7373	0.6410	Ave		0.6778				21.1		30.0			
1,2,3-Trichlorobenzene	+++++ 0.6331	0.6012 0.6671	0.6485 0.4035	0.7475	0.5038	Ave		0.6007				18.9		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 47421

SDG No.: _____

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-47421/3	bku003.d
Level 2	IC 200-47421/4	bku004.d
Level 3	IC 200-47421/5	bku005.d
Level 4	IC 200-47421/6	bku006.d
Level 5	ICIS 200-47421/7	bku007.d
Level 6	IC 200-47421/8	bku008.d
Level 7	IC 200-47421/9	bku009.d
Level 8	IC 200-47421/10	bku010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 110639	150934	3837 295654	34676	73046	++++ 15.0	20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	++++ 796392	1099184	26406 2103237	257474	536072	++++ 15.0	20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	++++ 310976	424338	10326 810766	101447	208710	++++ 15.0	20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 788851	11856 1088426	26517 2045053	255539	530474	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	++++ 164458	224659	5637 436707	54754	111645	++++ 15.0	20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	++++ 286540	389197	10192 734513	92437	190356	++++ 15.0	20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	++++ 172051	2293 236886	5268 450825	53649	113464	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	636 238681	3332 324414	7555 621259	76050	159943	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	++++ 352425	5039 505137	11430 971279	109885	231142	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	++++ 162253	227987	4836 449495	50464	108395	++++ 15.0	20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	++++ 302712	4435 417692	9857 823199	94581	197938	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 436698	5852 624952	13883 1250416	130704	280997	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	++++ 1213443	17629 1718652	40227 3379069	382962	802066	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	++++ 496702	688834	17345 1352576	156530	325517	++++ 15.0	20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	++++ 144560	306515	32092 754772	63219	95851	++++ 20.0	40.0	5.00 100	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 47421

SDG No.: _____

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 284185	3517 403737	8331 782637	87426	185532	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	++++ 139287	200975	391651	44625	86863	++++ 15.0	20.0	40.0	5.00	10.0
Acetone	BCM	Ave	++++ 508284	703093	1318667	187811	359623	++++ 15.0	20.0	40.0	5.00	10.0
Freon TF	BCM	Ave	++++ 930170	14055 1325946	29954 2510482	286908	604217	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	++++ 448566	5993 642434	13667 1241788	135691	288869	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	++++ 387420	530930	1026538	117167	265593	++++ 15.0	20.0	40.0	5.00	10.0
Carbon disulfide	BCM	Ave	++++ 1273812	1801017	39628 3478263	391289	825219	++++ 15.0	20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	++++ 229308	311603	597530	72618	151469	++++ 15.0	20.0	40.0	5.00	10.0
3-Chloropropene	BCM	Ave	++++ 400684	4838 530641	11527 1055782	122831	245126	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	++++ 355151	12289 488103	942030	113578	234456	++++ 15.0	20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	++++ 709410	986849	1901949	207370	493241	++++ 15.0	20.0	40.0	5.00	10.0
Acrylonitrile	BCM	Ave	++++ 254142	359501	6016 719269	76336	160662	++++ 15.0	20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	++++ 1309834	17807 1852742	39576 3538865	401983	858621	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	++++ 587702	8949 811039	18194 1520656	186801	384750	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	++++ 597093	7712 834387	18447 1601354	185200	387479	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	++++ 836663	1169747	2244528	254067	540823	++++ 15.0	20.0	40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	++++ 727971	10194 1020270	22509 1938868	230808	478678	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	++++ 43118	62153	118346	12340	28040	++++ 15.0	20.0	40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	++++ 214204	300045	7629 559035	68753	141307	++++ 15.0	20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	++++ 348324	484151	929814	111064	229113	++++ 15.0	20.0	40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	++++ 513579	6824 733588	15202 1373709	155927	333188	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 47421

SDG No.: _____

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1007634	14309 1415753	32416 2721371	316126	661565	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	++++ 1133838	15743 1605364	35502 3029744	356972	746662	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	++++ 657690	9084 929974	19920 1720666	201031	432151	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	++++ 1834933	24910 2547699	57047 4728555	579424	1215028	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	++++ 1398412	19885 1963080	43990 3667474	435301	911898	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	++++ 616580	8262 847337	19183 1637873	197010	409005	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	++++ 595337	8366 810822	18927 1529292	191852	392074	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	++++ 197309	++++ 278021	++++ 553691	53113	120598	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	++++ 223095	++++ 305486	++++ 566594	67570	148488	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	3916 1236720	17065 1768368	37515 3418251	381310	814687	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	++++ 495069	++++ 706440	11349 1364030	147028	319579	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	++++ 450983	++++ 6778 633147	14574 1200915	141426	292736	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Dibromomethane	DFB	Ave	++++ 761816	9916 1111852	22499 2104018	222759	488158	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	++++ 1134707	++++ 14518 1596191	32647 3039618	350032	739802	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	++++ 780757	++++ 1072877	18788 2052646	244194	506044	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	++++ 814320	++++ 8954 1154057	22153 2211230	248466	527662	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	2223 688136	9896 975420	21151 1854164	212381	447685	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	++++ 1115858	++++ 16102 1570400	34553 2818353	348627	735081	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	++++ 779807	++++ 11339 1052230	26422 1847822	261068	523503	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	++++ 876696	++++ 10296 1240894	22766 2374334	268529	563973	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	++++ 525662	++++ 6504 744476	16207 1402031	162098	345275	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 47421

SDG No.: _____

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 762676	1047660	16274 2020343	240587	485162	++++ 15.0	20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	++++ 1341656	15093 1932523	35447 3649569	396219	864501	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	++++ 1114920	13517 1596922	30469 3014545	337618	725597	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	++++ 1655770	23656 2383369	50250 4464389	508560	1071650	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	++++ 2519210	34076 3561088	76746 6591703	784062	1651976	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	++++ 892812	12343 1230285	29439 2209489	290036	596107	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	++++ 2065099	29195 2894087	65127 5110876	650963	1361445	++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Tetrachloroethene	CBZ	Ave	3687 1179145	15859 1719888	35620 3190045	351758	758705	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Xylene, o-	CBZ	Ave	++++ 1025318	12755 1459157	30951 2643699	321003	672426	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	++++ 1603795	17417 2295310	41051 4190241	483740	1019161	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	++++ 1430201	15670 2076355	36251 3815442	421753	914670	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	++++ 3004078	39196 4274643	89818 7755547	941886	1979591	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	++++ 982818	1333192	33443 2263749	332167	662964	++++ 15.0	20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	++++ 1109194	1499224	39874 2582284	384601	756671	++++ 15.0	20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 1360887	18684 1896703	41725 3379173	439821	895121	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	++++ 3279341	46405 4499529	105992 7639208	1077753	2184992	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	++++ 3047712	40682 4234208	94339 7315933	980651	1998432	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	++++ 2642648	39676 3701141	83360 6595022	851315	1754369	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 2597890	36220 3602812	83088 6361517	827552	1706324	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	++++ 1396938	13278 1989438	34235 3689881	413849	875472	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	++++ 2509039	35226 3531720	80433 6429539	796671	1655821	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 47421

SDG No.: _____

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Undecane	CBZ	Ave	++++ 1109910	1463981	2349873	415594	738983	++++ 15.0	20.0	40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 2538697	35238 3607610	80540 6573817	822185	1664546	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	++++ 3604661	59322 5072286	120304 9026760	1183361	2395301	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	++++ 3208865	43162 4548816	98585 8098460	1033929	2111995	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	++++ 1935282	28374 2771519	59264 5045492	616965	1212620	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	++++ 1975170	28652 2808602	61474 5123301	628996	1219112	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	++++ 2318737	26397 3299063	62059 6195399	729749	1246469	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	++++ 2516290	38630 3429463	85728 5754156	878071	1655194	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	++++ 1868247	27860 2680773	56631 4904000	603426	1176084	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	++++ 1016688	1460373	1516528	359561	564123	++++ 15.0	20.0	40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 1603263	2388874	46553 3515403	533911	779036	++++ 15.0	20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	++++ 3215485	4985405	90985 7655263	1142944	1381985	++++ 15.0	20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	++++ 1434280	24427 2050745	52062 2839357	491067	916914	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 1448464	16464 2192382	43168 2598479	497902	720668	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku003.d
Lab Smp Id: ic 393985 Client Smp ID: ic 393985
Inj Date : 31-OCT-2012 18:01
Operator : wrd Inst ID: B.i
Smp Info : ic 393985
Misc Info : 200,1, level 8
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 04-Feb-2013 12:31 jd1 Quant Type: ISTD
Cal Date : 31-OCT-2012 18:01 Cal File: bku003.d
Als bottle: 5 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.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					AMOUNTS	
		RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (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	3.494	3.478	(0.384)	636	0.04000	0.041(a)
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	AMOUNTS	
									CAL-AMT	ON-COL
	MASS								(ppb v/v)	(ppb v/v)
=====	=====		==	=====	=====			=====	=====	
15 Ethanol	45							Compound Not Detected.		
16 Ethyl ether	59							Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101							Compound Not Detected.		
18 Acrolein	56							Compound Not Detected.		
19 1,1-Dichloroethene	96							Compound Not Detected.		
20 Acetone	43							Compound Not Detected.		
21 Carbon disulfide	76							Compound Not Detected.		
22 Isopropanol	45							Compound Not Detected.		
23 Allyl chloride	41							Compound Not Detected.		
24 Acetonitrile	41							Compound Not Detected.		
25 Methylene chloride	49							Compound Not Detected.		
26 Tert-butyl alcohol	59							Compound Not Detected.		
27 Methyl tert-butyl ether	73							Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61							Compound Not Detected.		
29 Acrylonitrile	53							Compound Not Detected.		
30 n-Hexane	57							Compound Not Detected.		
31 1,1-Dichloroethane	63							Compound Not Detected.		
32 Vinyl acetate	43							Compound Not Detected.		
M 33 1,2-Dichloroethene,Total	61							Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96							Compound Not Detected.		
35 Ethyl acetate	88							Compound Not Detected.		
36 Methyl Ethyl Ketone	72							Compound Not Detected.		
* 37 Bromochloromethane	128		9.108	9.113	(1.000)			336444	10.0000	
38 Tetrahydrofuran	42							Compound Not Detected.		
39 Chloroform	83							Compound Not Detected.		
40 Cyclohexane	84							Compound Not Detected.		
41 1,1,1-Trichloroethane	97							Compound Not Detected.		
42 Carbon tetrachloride	117		9.652	9.642	(0.917)			3916	0.04000	0.048(a)
43 2,2,4-Trimethylpentane	57							Compound Not Detected.		
44 Benzene	78							Compound Not Detected.		
45 1,2-Dichloroethane	62							Compound Not Detected.		
46 n-Heptane	43							Compound Not Detected.		
* 47 1,4-Difluorobenzene	114		10.522	10.522	(1.000)			1538874	10.0000	
48 n-Butanol	56							Compound Not Detected.		
49 Trichloroethene	95		10.901	10.885	(1.036)			2223	0.04000	0.049(a)
50 1,2-Dichloropropane	63							Compound Not Detected.		
51 Methyl methacrylate	69							Compound Not Detected.		
52 Dibromomethane	174							Compound Not Detected.		
53 1,4-Dioxane	88							Compound Not Detected.		
54 Bromodichloromethane	83							Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75							Compound Not Detected.		
56 Methyl isobutyl ketone	43							Compound Not Detected.		
57 n-Octane	43							Compound Not Detected.		
58 Toluene	92							Compound Not Detected.		
59 1,3-Dichloropropene (trans)	75							Compound Not Detected.		
60 1,1,2-Trichloroethane	83							Compound Not Detected.		
61 Tetrachloroethene	166		13.436	13.431	(0.917)			3687	0.04000	0.049(aH)
62 2-Hexanone	43							Compound Not Detected.		

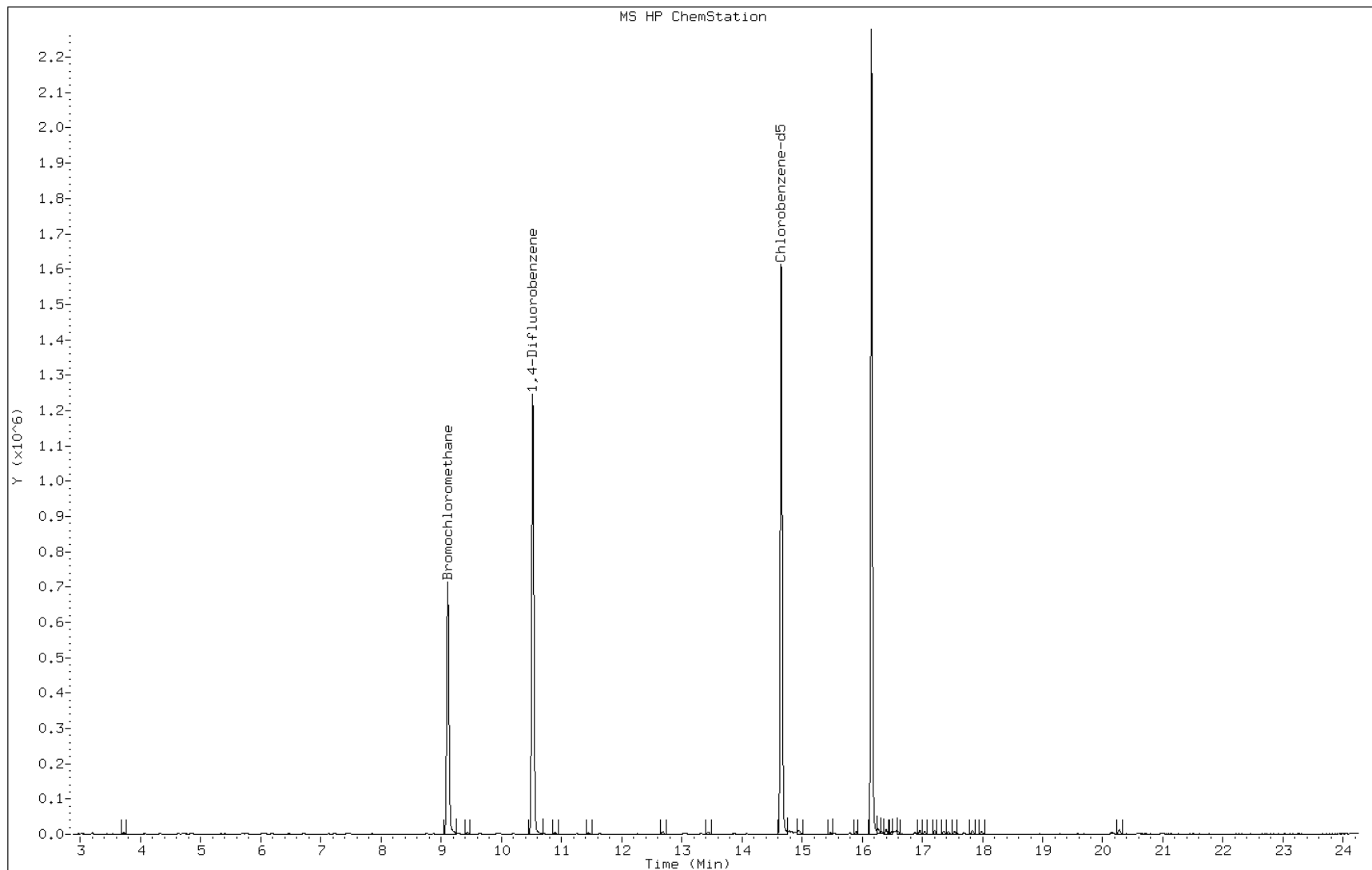
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	14.653	14.658	(1.000)	1367810	10.0000	
66 Chlorobenzene	112				Compound Not Detected.		
67 n-Nonane	57				Compound Not Detected.		
68 Ethylbenzene	91				Compound Not Detected.		
69 Xylene (m,p)	106				Compound Not Detected.		
M 70 Xylenes, Total	106				Compound Not Detected.		
71 Xylene (o)	106				Compound Not Detected.		
72 Styrene	104				Compound Not Detected.		
73 Bromoform	173				Compound Not Detected.		
74 Isopropylbenzene	105				Compound Not Detected.		
75 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
76 n-Propylbenzene	91				Compound Not Detected.		
77 1,2,3-Trichloropropane	75				Compound Not Detected.		
78 n-Decane	57				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.		
82 Alpha Methyl Styrene	118				Compound Not Detected.		
83 tert-butylbenzene	119				Compound Not Detected.		
84 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
85 sec-Butylbenzene	105				Compound Not Detected.		
86 4-Isopropyltoluene	119				Compound Not Detected.		
87 1,3-Dichlorobenzene	146				Compound Not Detected.		
88 1,4-Dichlorobenzene	146				Compound Not Detected.		
89 Benzyl chloride	91				Compound Not Detected.		
90 Undecane	57				Compound Not Detected.		
91 n-Butylbenzene	91				Compound Not Detected.		
92 1,2-Dichlorobenzene	146				Compound Not Detected.		
93 Dodecane	57				Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225				Compound Not Detected.		
96 Naphthalene	128				Compound Not Detected.		
97 1,2,3-Trichlorobenzene	180				Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: bku003.d
Client ID: ic 393985
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393985
Lab Sample ID: ic 393985

Date: 31-OCT-2012 18:01
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku004.d
Lab Smp Id: ic 393985 Client Smp ID: ic 393985
Inj Date : 31-OCT-2012 18:53
Operator : wrd Inst ID: B.i
Smp Info : ic 393985
Misc Info : 200,1, level 1
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
Cal Date : 31-OCT-2012 18:53 Cal File: bku004.d
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.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		2.970	2.965 (0.326)		1962	0.20000	0.28(a)
2 Dichlorodifluoromethane	85		3.018	3.013 (0.331)		11732	0.20000	0.24(a)
3 Chlorodifluoromethane	51		3.045	3.045 (0.334)		4646	0.20000	0.24(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.200	3.200 (0.351)		11856	0.20000	0.23
5 Chloromethane	50		Compound Not Detected.					
6 Butane	43		Compound Not Detected.					
7 Vinyl chloride	62		3.477	3.478 (0.382)		3332	0.20000	0.22
8 1,3-Butadiene	54		3.536	3.531 (0.388)		2293	0.20000	0.22
9 Bromomethane	94		4.070	4.065 (0.447)		5039	0.20000	0.22
10 Chloroethane	64		4.267	4.262 (0.469)		2414	0.20000	0.24(aq)
11 2-Methylbutane	43		4.337	4.337 (0.476)		4435	0.20000	0.23(M)
12 Vinyl bromide	106		4.636	4.625 (0.509)		5852	0.20000	0.21(M)
13 Trichlorofluoromethane	101		4.721	4.716 (0.518)		17629	0.20000	0.23
14 Pentane	43		Compound Not Detected.					

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.287	5.223 (0.580)		9249	0.20000	1.4(a)
16 Ethyl ether	59	5.372	5.324 (0.590)		3517	0.20000	0.20(Q)
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.719	5.708 (0.628)		14055	0.20000	0.24(Q)
18 Acrolein	56	Compound Not Detected.					
19 1,1-Dichloroethene	96	5.778	5.767 (0.634)		5993	0.20000	0.22
20 Acetone	43	6.002	5.943 (0.659)		37317	0.20000	1.2(a)
21 Carbon disulfide	76	6.178	6.178 (0.678)		18902	0.20000	0.24(a)
22 Isopropanol	45	Compound Not Detected.					
23 Allyl chloride	41	6.466	6.450 (0.710)		4838	0.20000	0.20(a)
24 Acetonitrile	41	Compound Not Detected.					
25 Methylene chloride	49	6.712	6.712 (0.737)		6195	0.20000	0.28(a)
26 Tert-butyl alcohol	59	7.112	6.936 (0.781)		8653	0.20000	0.20(a)
27 Methyl tert-butyl ether	73	7.171	7.091 (0.787)		17807	0.20000	0.22
28 1,2-Dichloroethene (trans)	61	7.117	7.112 (0.781)		8949	0.20000	0.24
29 Acrylonitrile	53	7.240	7.197 (0.795)		2369	0.20000	0.16(a)
30 n-Hexane	57	7.453	7.443 (0.818)		7712	0.20000	0.21
31 1,1-Dichloroethane	63	7.848	7.843 (0.862)		10194	0.20000	0.22
32 Vinyl acetate	43	7.923	7.875 (0.870)		7752	0.20000	0.15(aM)
M 33 1,2-Dichloroethene,Total	61				15773	0.40000	0.46
34 1,2-Dichloroethene (cis)	96	8.756	8.750 (0.961)		6824	0.20000	0.22
35 Ethyl acetate	88	Compound Not Detected.					
36 Methyl Ethyl Ketone	72	8.814	8.761 (0.968)		4739	0.20000	0.35(aQ)
* 37 Bromochloromethane	128	9.108	9.113 (1.000)		326875	10.0000	
38 Tetrahydrofuran	42	9.231	9.151 (0.877)		4487	0.20000	0.21(a)
39 Chloroform	83	9.199	9.193 (1.010)		14309	0.20000	0.22
40 Cyclohexane	84	9.444	9.450 (0.898)		9084	0.20000	0.22
41 1,1,1-Trichloroethane	97	9.439	9.434 (0.897)		15743	0.20000	0.22
42 Carbon tetrachloride	117	9.636	9.642 (0.916)		17065	0.20000	0.21
43 2,2,4-Trimethylpentane	57	9.935	9.930 (0.944)		24910	0.20000	0.22
44 Benzene	78	9.972	9.967 (0.948)		19885	0.20000	0.23
45 1,2-Dichloroethane	62	10.079	10.074 (0.958)		8262	0.20000	0.21
46 n-Heptane	43	10.202	10.202 (0.970)		8366	0.20000	0.22
* 47 1,4-Difluorobenzene	114	10.522	10.522 (1.000)		1514241	10.0000	
48 n-Butanol	56	Compound Not Detected.					
49 Trichloroethene	95	10.885	10.885 (1.034)		9896	0.20000	0.22
50 1,2-Dichloropropane	63	11.253	11.248 (1.069)		6778	0.20000	0.24
51 Methyl methacrylate	69	11.360	11.323 (1.080)		4731	0.20000	0.16(a)
52 Dibromomethane	174	11.451	11.435 (1.088)		9916	0.20000	0.21
53 1,4-Dioxane	88	Compound Not Detected.					
54 Bromodichloromethane	83	11.622	11.616 (1.104)		14518	0.20000	0.21
55 1,3-Dichloropropene (cis)	75	12.257	12.241 (1.165)		8954	0.20000	0.19(a)
56 Methyl isobutyl ketone	43	12.502	12.428 (1.188)		7846	0.20000	0.17(a)
57 n-Octane	43	12.684	12.678 (1.205)		11339	0.20000	0.23(aM)
58 Toluene	92	12.678	12.668 (0.865)		16102	0.20000	0.23
59 1,3-Dichloropropene (trans)	75	13.063	13.041 (1.241)		10296	0.20000	0.20
60 1,1,2-Trichloroethane	83	13.313	13.303 (0.908)		6504	0.20000	0.20
61 Tetrachloroethene	166	13.441	13.431 (0.917)		15859	0.20000	0.22

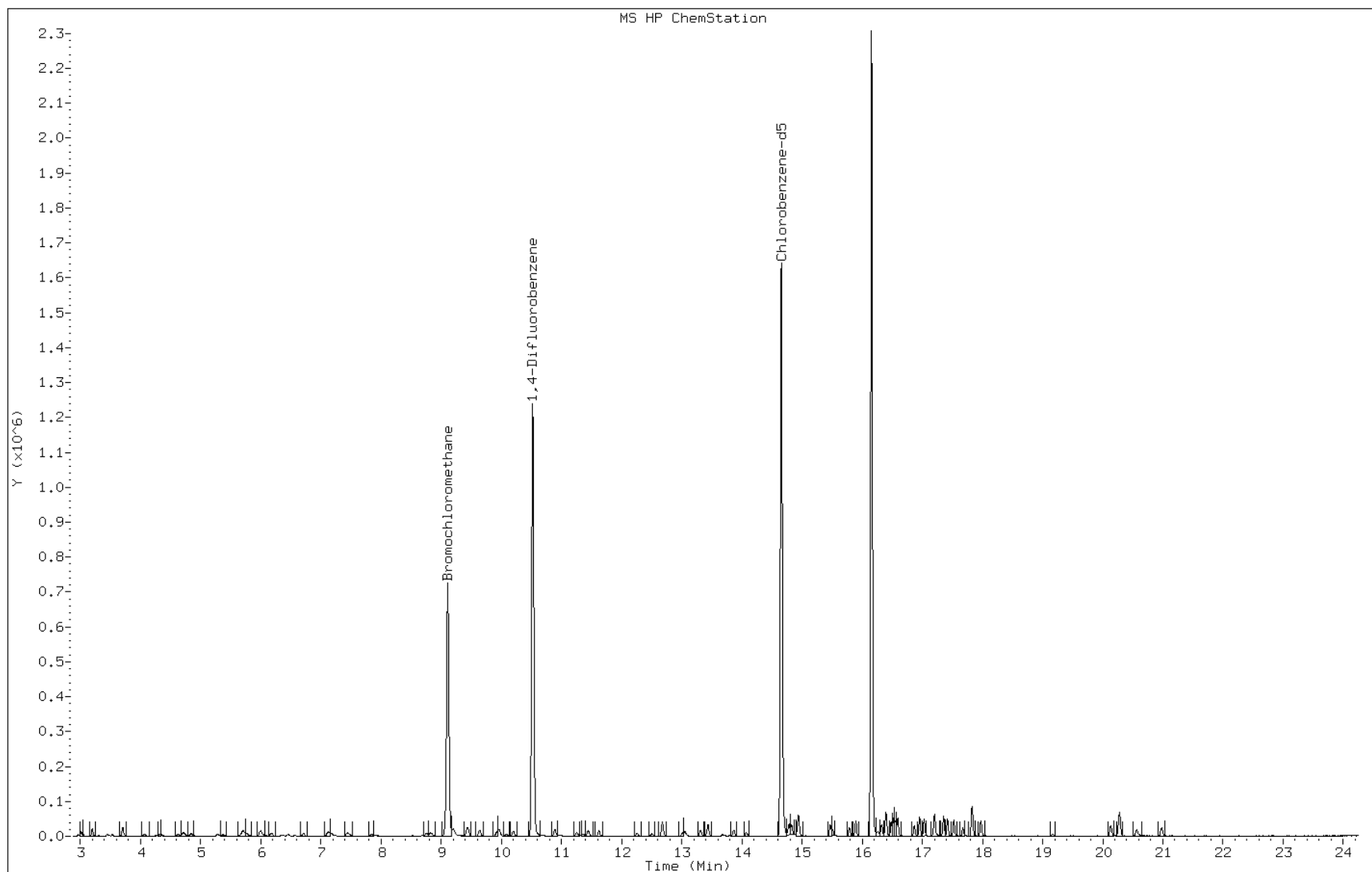
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.687	13.607	(0.934)	5528	0.20000	0.13(a)
63 Dibromochloromethane	129	13.874	13.858	(0.946)	15093	0.20000	0.19(a)
64 1,2-Dibromoethane	107	14.077	14.061	(0.960)	13517	0.20000	0.20
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1369237	10.0000	
66 Chlorobenzene	112	14.701	14.696	(1.003)	23656	0.20000	0.23
67 n-Nonane	57	14.829	14.829	(1.012)	12343	0.20000	0.22
68 Ethylbenzene	91	14.781	14.776	(1.008)	34076	0.20000	0.22
69 Xylene (m,p)	106	14.941	14.936	(1.019)	29195	0.40000	0.46(a)
M 70 Xylenes, Total	106				41950	0.20000	0.66
71 Xylene (o)	106	15.475	15.464	(1.056)	12755	0.20000	0.20
72 Styrene	104	15.507	15.491	(1.058)	17417	0.20000	0.19(a)
73 Bromoform	173	15.790	15.784	(1.077)	15670	0.20000	0.19(a)
74 Isopropylbenzene	105	15.896	15.897	(1.084)	39196	0.20000	0.21
75 1,1,2,2-Tetrachloroethane	83	16.323	16.323	(1.114)	18684	0.20000	0.22
76 n-Propylbenzene	91	16.393	16.388	(1.118)	46405	0.20000	0.23
77 1,2,3-Trichloropropane	75	16.403	16.398	(1.119)	15997	0.20000	0.26(a)
78 n-Decane	57	16.483	16.489	(1.125)	16363	0.20000	0.24(a)
79 4-Ethyltoluene	105	16.526	16.521	(1.127)	40682	0.20000	0.22
80 2-Chlorotoluene	91	16.558	16.553	(1.130)	39676	0.20000	0.24
81 1,3,5-Trimethylbenzene	105	16.596	16.590	(1.132)	36220	0.20000	0.23
82 Alpha Methyl Styrene	118	16.873	16.863	(1.151)	13278	0.20000	0.17(a)
83 tert-butylbenzene	119	16.958	16.959	(1.157)	35226	0.20000	0.22
84 1,2,4-Trimethylbenzene	105	17.033	17.028	(1.162)	35238	0.20000	0.22
85 sec-Butylbenzene	105	17.204	17.204	(1.174)	59322	0.20000	0.25
86 4-Isopropyltoluene	119	17.359	17.354	(1.184)	43162	0.20000	0.22
87 1,3-Dichlorobenzene	146	17.423	17.418	(1.189)	28374	0.20000	0.23
88 1,4-Dichlorobenzene	146	17.530	17.524	(1.196)	28652	0.20000	0.23
89 Benzyl chloride	91	17.674	17.668	(1.206)	26397	0.20000	0.20
90 Undecane	57	17.823	17.823	(1.216)	18046	0.20000	0.27(a)
91 n-Butylbenzene	91	17.834	17.834	(1.217)	38630	0.20000	0.24
92 1,2-Dichlorobenzene	146	17.978	17.973	(1.226)	27860	0.20000	0.24
94 1,2,4-Trichlorobenzene	180	20.139	20.118	(1.374)	19176	0.20000	0.21(a)
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	24427	0.20000	0.26
96 Naphthalene	128	20.566	20.545	(1.403)	33332	0.20000	0.18(a)
97 1,2,3-Trichlorobenzene	180	20.972	20.967	(1.431)	16464	0.20000	0.20

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: bku004.d
Client ID: ic 393985
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393985
Lab Sample ID: ic 393985

Date: 31-OCT-2012 18:53
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



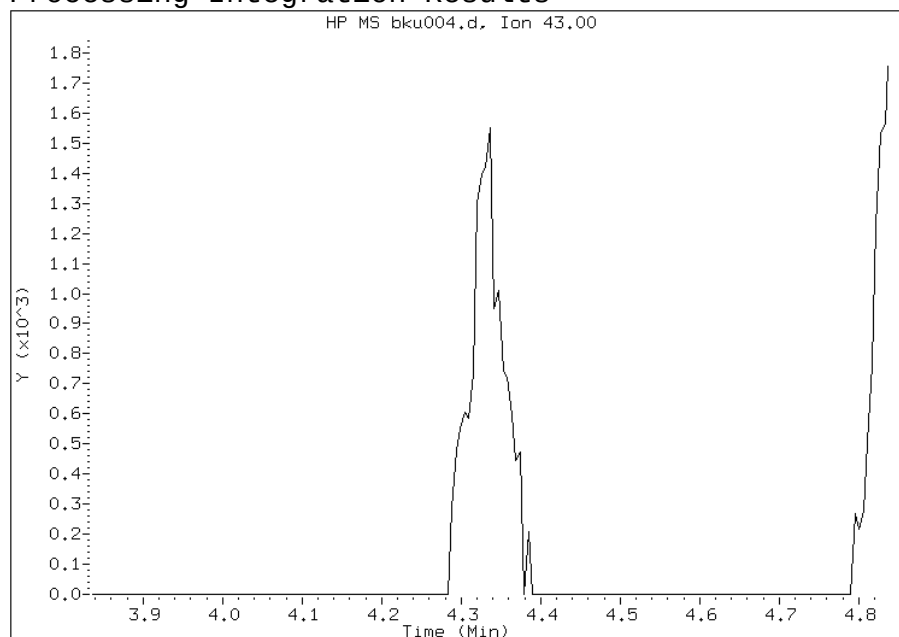
Manual Integration Report

Data File: bku004.d
Lab Sample ID: ic 393985
Inj. Date and Time: 31-OCT-2012 18:53
Instrument ID: B.i
Client ID: ic 393985
Compound: 11 2-Methylbutane
CAS #: 78-78-4
Report Date: 11/02/2012

Not Detected

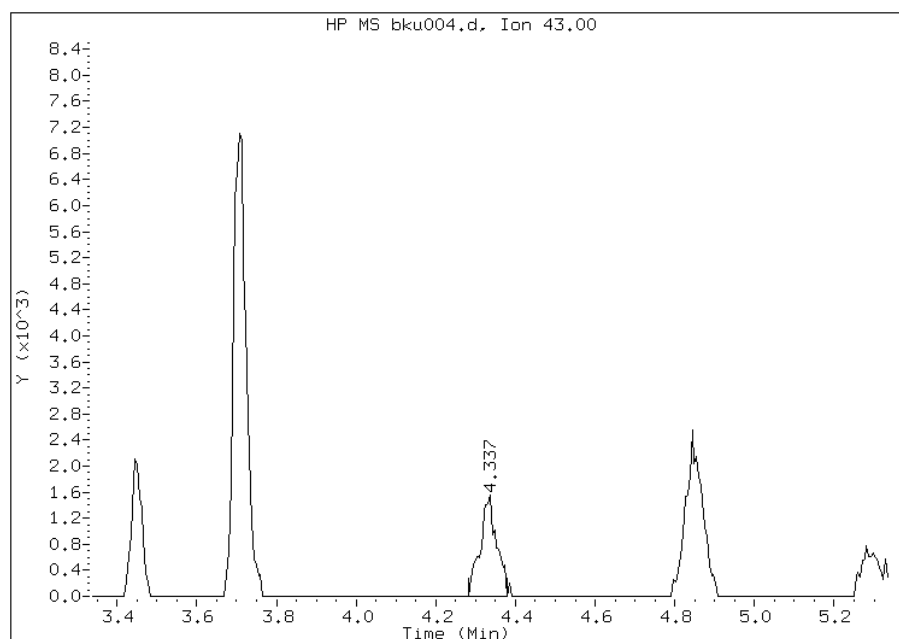
Expected RT: 4.34

Processing Integration Results



Manual Integration Results

RT: 4.34
Response: 4435
Amount: 0.230872
Conc: 0.230872



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

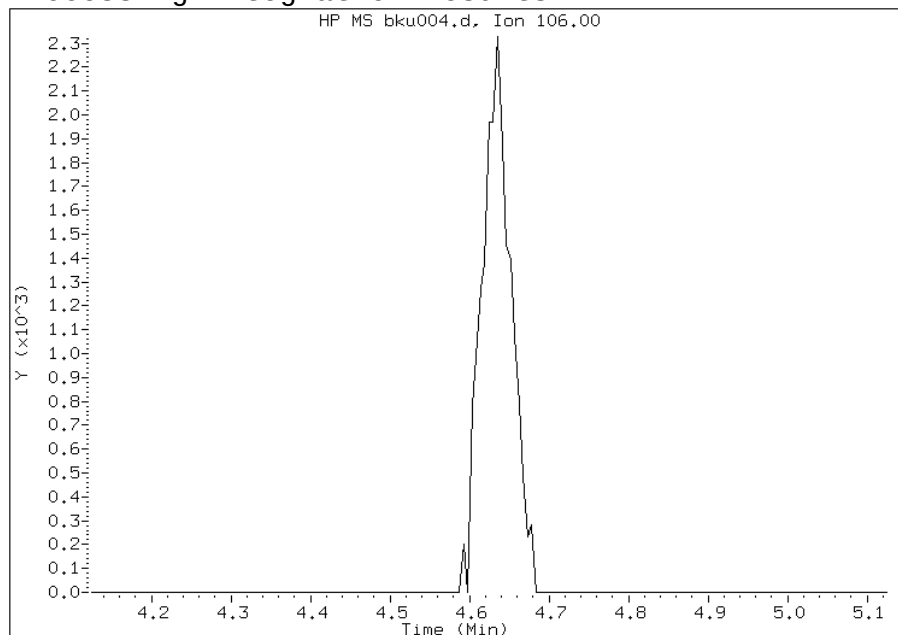
Manual Integration Report

Data File: bku004.d
Lab Sample ID: ic 393985
Inj. Date and Time: 31-OCT-2012 18:53
Instrument ID: B.i
Client ID: ic 393985
Compound: 12 Vinyl bromide
CAS #: 593-60-2
Report Date: 11/02/2012

Not Detected

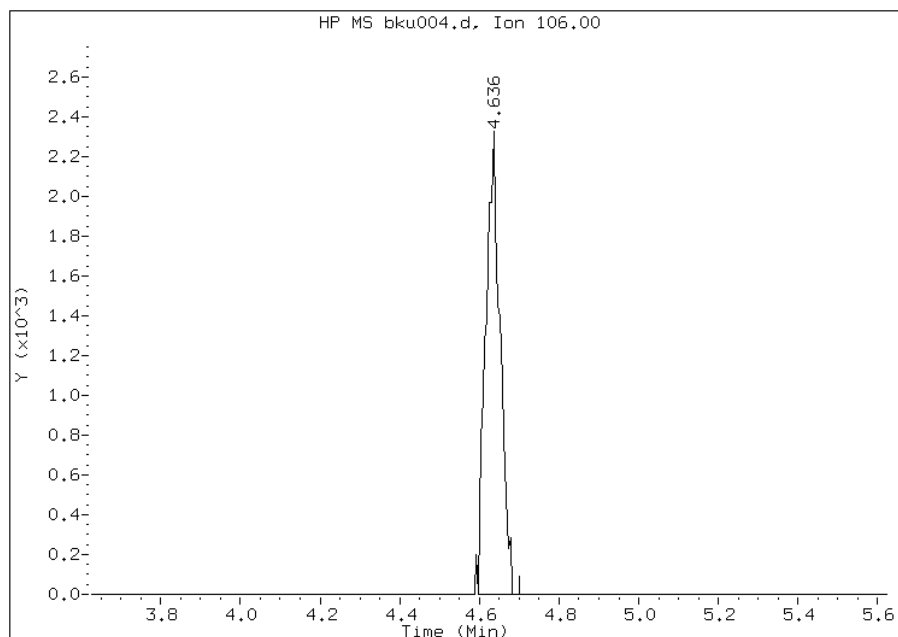
Expected RT: 4.62

Processing Integration Results



Manual Integration Results

RT: 4.64
Response: 5852
Amount: 0.214240
Conc: 0.214240



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

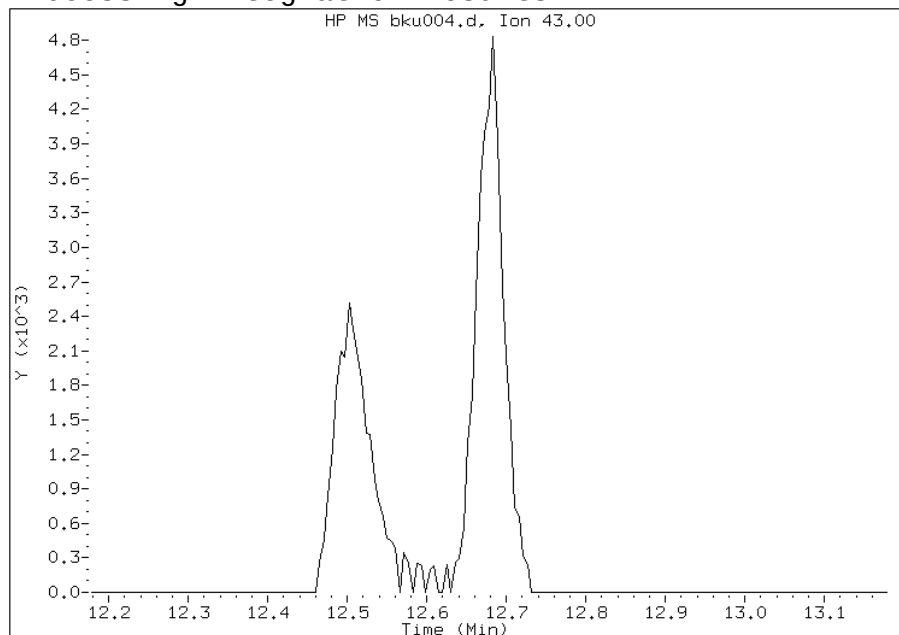
Manual Integration Report

Data File: bku004.d
Lab Sample ID: ic 393985
Inj. Date and Time: 31-OCT-2012 18:53
Instrument ID: B.i
Client ID: ic 393985
Compound: 57 n-Octane
CAS #: 111-65-9
Report Date: 11/02/2012

Processing Integration Results

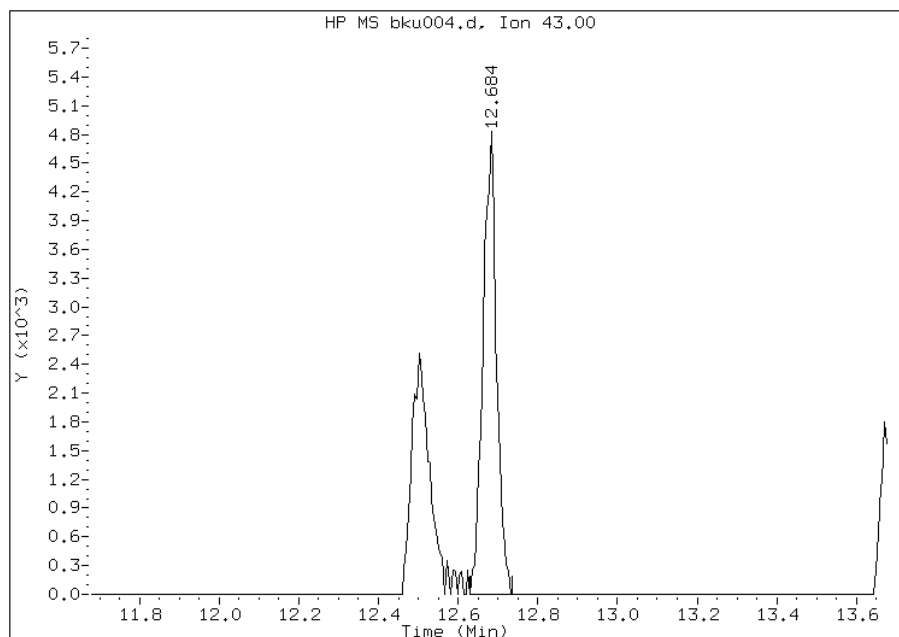
Not Detected

Expected RT: 12.68



Manual Integration Results

RT: 12.68
Response: 11339
Amount: 0.228803
Conc: 0.228803



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku005.d
Lab Smp Id: ic 393988 Client Smp ID: ic 393988
Inj Date : 31-OCT-2012 19:46
Operator : wrd Inst ID: B.i
Smp Info : ic 393988
Misc Info : 200,1, level 2
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
Cal Date : 31-OCT-2012 19:46 Cal File: bku005.d
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.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		2.965	2.965 (0.325)		3837	0.50000	0.57(a)
2 Dichlorodifluoromethane	85		3.018	3.013 (0.331)		26406	0.50000	0.54
3 Chlorodifluoromethane	51		3.050	3.045 (0.335)		10326	0.50000	0.55
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.200	3.200 (0.351)		26517	0.50000	0.54
5 Chloromethane	50		3.307	3.301 (0.363)		5637	0.50000	0.56
6 Butane	43		3.451	3.446 (0.379)		10192	0.50000	0.58
7 Vinyl chloride	62		3.483	3.478 (0.382)		7555	0.50000	0.52
8 1,3-Butadiene	54		3.541	3.531 (0.389)		5268	0.50000	0.51
9 Bromomethane	94		4.064	4.065 (0.446)		11430	0.50000	0.52
10 Chloroethane	64		4.273	4.262 (0.469)		4836	0.50000	0.50
11 2-Methylbutane	43		4.321	4.337 (0.474)		9857	0.50000	0.53
12 Vinyl bromide	106		4.630	4.625 (0.508)		13883	0.50000	0.52
13 Trichlorofluoromethane	101		4.726	4.716 (0.519)		40227	0.50000	0.53
14 Pentane	43		4.844	4.844 (0.531)		17345	0.50000	0.57

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.265	5.223 (0.578)		32092	5.00000	5.1
16 Ethyl ether	59	5.372	5.324 (0.589)		8331	0.50000	0.49(QM)
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.708	5.708 (0.626)		29954	0.50000	0.52
18 Acrolein	56	5.714	5.671 (0.627)		4274	0.50000	0.51(aM)
19 1,1-Dichloroethene	96	5.772	5.767 (0.633)		13667	0.50000	0.50
20 Acetone	43	5.991	5.943 (0.657)		42194	0.50000	1.3(a)
21 Carbon disulfide	76	6.183	6.178 (0.678)		39628	0.50000	0.52
22 Isopropanol	45	6.349	6.221 (0.697)		10110	0.50000	0.44(a)
23 Allyl chloride	41	6.455	6.450 (0.708)		11527	0.50000	0.50
24 Acetonitrile	41	6.567	6.530 (0.721)		7018	0.50000	0.52(a)
25 Methylene chloride	49	6.722	6.712 (0.738)		12289	0.50000	0.57
26 Tert-butyl alcohol	59	7.090	6.936 (0.778)		19188	0.50000	0.46(aQ)
27 Methyl tert-butyl ether	73	7.154	7.091 (0.785)		39576	0.50000	0.50
28 1,2-Dichloroethene (trans)	61	7.117	7.112 (0.781)		18194	0.50000	0.50
29 Acrylonitrile	53	7.245	7.197 (0.795)		6016	0.50000	0.41(a)
30 n-Hexane	57	7.448	7.443 (0.817)		18447	0.50000	0.51
31 1,1-Dichloroethane	63	7.848	7.843 (0.861)		22509	0.50000	0.51
32 Vinyl acetate	43	7.912	7.875 (0.868)		19411	0.50000	0.39(a)
M 33 1,2-Dichloroethene,Total	61				33396	1.00000	1.00
34 1,2-Dichloroethene (cis)	96	8.750	8.750 (0.960)		15202	0.50000	0.49
35 Ethyl acetate	88	8.830	8.788 (0.969)		713	0.50000	0.28(aQM)
36 Methyl Ethyl Ketone	72	8.798	8.761 (0.965)		7629	0.50000	0.58(Q)
* 37 Bromochloromethane	128	9.113	9.113 (1.000)		319144	10.0000	
38 Tetrahydrofuran	42	9.215	9.151 (0.876)		10315	0.50000	0.50(a)
39 Chloroform	83	9.193	9.193 (1.009)		32416	0.50000	0.52
40 Cyclohexane	84	9.439	9.450 (0.897)		19920	0.50000	0.50
41 1,1,1-Trichloroethane	97	9.439	9.434 (0.897)		35502	0.50000	0.51
42 Carbon tetrachloride	117	9.642	9.642 (0.916)		37515	0.50000	0.48
43 2,2,4-Trimethylpentane	57	9.935	9.930 (0.944)		57047	0.50000	0.51
44 Benzene	78	9.967	9.967 (0.947)		43990	0.50000	0.51
45 1,2-Dichloroethane	62	10.079	10.074 (0.958)		19183	0.50000	0.51
46 n-Heptane	43	10.202	10.202 (0.970)		18927	0.50000	0.52
* 47 1,4-Difluorobenzene	114	10.522	10.522 (1.000)		1475626	10.0000	
48 n-Butanol	56	10.944	10.821 (1.040)		4770	0.50000	0.42(aM)
49 Trichloroethene	95	10.890	10.885 (1.035)		21151	0.50000	0.49
50 1,2-Dichloropropane	63	11.248	11.248 (1.069)		14574	0.50000	0.52
51 Methyl methacrylate	69	11.349	11.323 (1.079)		11349	0.50000	0.40(a)
52 Dibromomethane	174	11.440	11.435 (1.087)		22499	0.50000	0.49
53 1,4-Dioxane	88	Compound Not Detected.					
54 Bromodichloromethane	83	11.616	11.616 (1.104)		32647	0.50000	0.48
55 1,3-Dichloropropene (cis)	75	12.251	12.241 (1.164)		22153	0.50000	0.47
56 Methyl isobutyl ketone	43	12.491	12.428 (1.187)		18788	0.50000	0.42(a)
57 n-Octane	43	12.678	12.678 (1.205)		26422	0.50000	0.55
58 Toluene	92	12.673	12.668 (0.865)		34553	0.50000	0.51
59 1,3-Dichloropropene (trans)	75	13.052	13.041 (1.240)		22766	0.50000	0.45
60 1,1,2-Trichloroethane	83	13.313	13.303 (0.908)		16207	0.50000	0.52
61 Tetrachloroethene	166	13.436	13.431 (0.917)		35620	0.50000	0.51

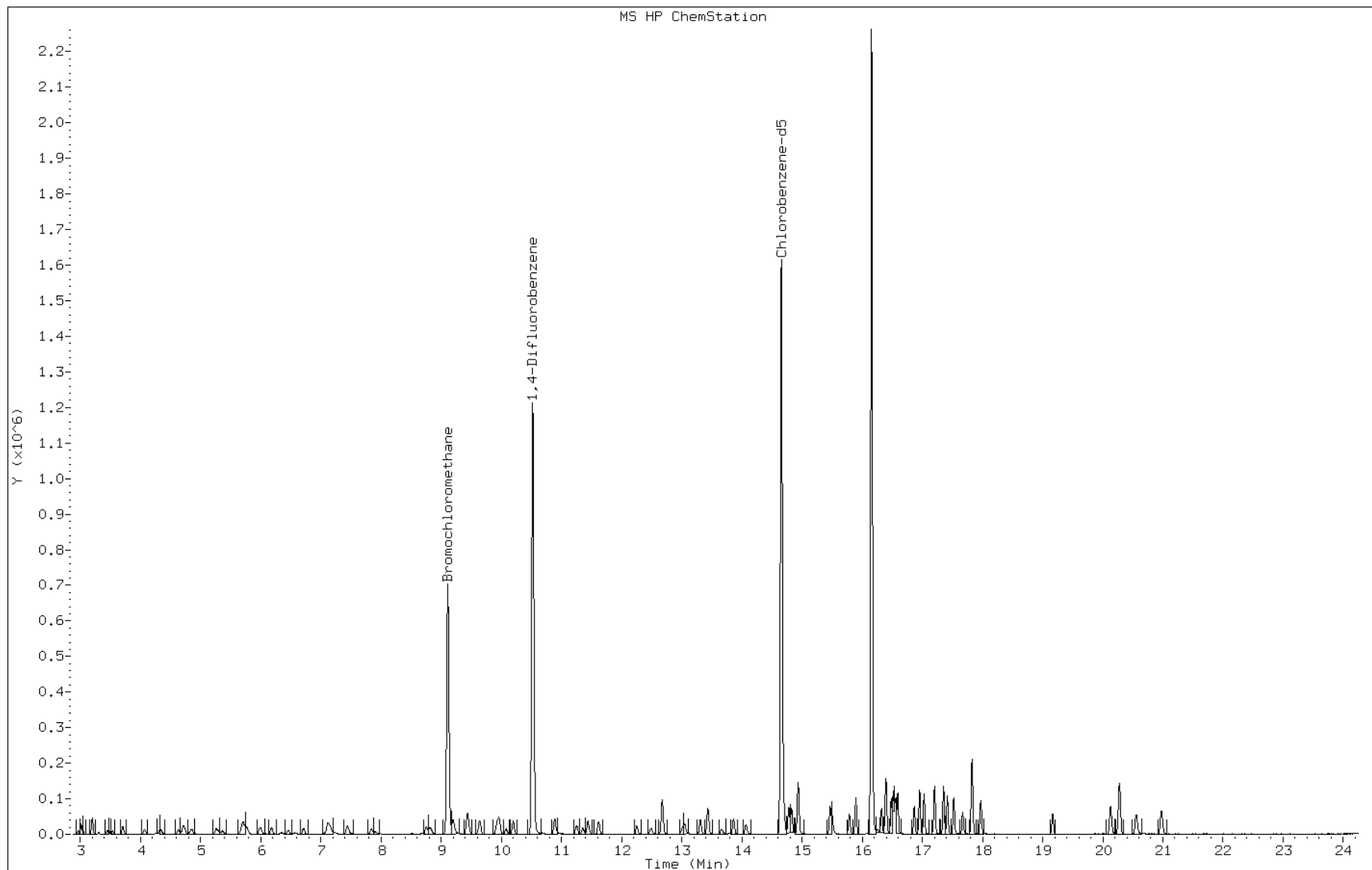
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.660	13.607	(0.932)	16274	0.50000	0.38(a)
63 Dibromochloromethane	129	13.858	13.858	(0.945)	35447	0.50000	0.46
64 1,2-Dibromoethane	107	14.066	14.061	(0.960)	30469	0.50000	0.47
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1331306	10.0000	
66 Chlorobenzene	112	14.701	14.696	(1.003)	50250	0.50000	0.50(Q)
67 n-Nonane	57	14.829	14.829	(1.012)	29439	0.50000	0.54
68 Ethylbenzene	91	14.781	14.776	(1.008)	76746	0.50000	0.51
69 Xylene (m,p)	106	14.936	14.936	(1.019)	65127	1.00000	1.0
M 70 Xylenes, Total	106				96078	0.50000	1.6
71 Xylene (o)	106	15.469	15.464	(1.055)	30951	0.50000	0.51
72 Styrene	104	15.507	15.491	(1.058)	41051	0.50000	0.46
73 Bromoform	173	15.790	15.784	(1.077)	36251	0.50000	0.45
74 Isopropylbenzene	105	15.896	15.897	(1.084)	89818	0.50000	0.50
75 1,1,2,2-Tetrachloroethane	83	16.323	16.323	(1.114)	41725	0.50000	0.51
76 n-Propylbenzene	91	16.393	16.388	(1.118)	105992	0.50000	0.53
77 1,2,3-Trichloropropane	75	16.403	16.398	(1.119)	33443	0.50000	0.57
78 n-Decane	57	16.483	16.489	(1.125)	39874	0.50000	0.59
79 4-Ethyltoluene	105	16.521	16.521	(1.127)	94339	0.50000	0.52
80 2-Chlorotoluene	91	16.553	16.553	(1.129)	83360	0.50000	0.51
81 1,3,5-Trimethylbenzene	105	16.596	16.590	(1.132)	83088	0.50000	0.53
82 Alpha Methyl Styrene	118	16.873	16.863	(1.151)	34235	0.50000	0.45
83 tert-butylbenzene	119	16.958	16.959	(1.157)	80433	0.50000	0.53
84 1,2,4-Trimethylbenzene	105	17.033	17.028	(1.162)	80540	0.50000	0.52
85 sec-Butylbenzene	105	17.204	17.204	(1.174)	120304	0.50000	0.53
86 4-Isopropyltoluene	119	17.353	17.354	(1.184)	98585	0.50000	0.51
87 1,3-Dichlorobenzene	146	17.417	17.418	(1.188)	59264	0.50000	0.50
88 1,4-Dichlorobenzene	146	17.524	17.524	(1.196)	61474	0.50000	0.51
89 Benzyl chloride	91	17.674	17.668	(1.206)	62059	0.50000	0.48
90 Undecane	57	17.823	17.823	(1.216)	45109	0.50000	0.70(a)
91 n-Butylbenzene	91	17.834	17.834	(1.217)	85728	0.50000	0.55
92 1,2-Dichlorobenzene	146	17.978	17.973	(1.226)	56631	0.50000	0.50
93 Dodecane	57	19.168	19.163	(1.308)	25027	0.50000	0.46(a)
94 1,2,4-Trichlorobenzene	180	20.129	20.118	(1.373)	46553	0.50000	0.52
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	52062	0.50000	0.58
96 Naphthalene	128	20.561	20.545	(1.403)	90985	0.50000	0.50
97 1,2,3-Trichlorobenzene	180	20.972	20.967	(1.431)	43168	0.50000	0.54

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: bku005.d
Client ID: ic 393988
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393988
Lab Sample ID: ic 393988

Date: 31-OCT-2012 19:46
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



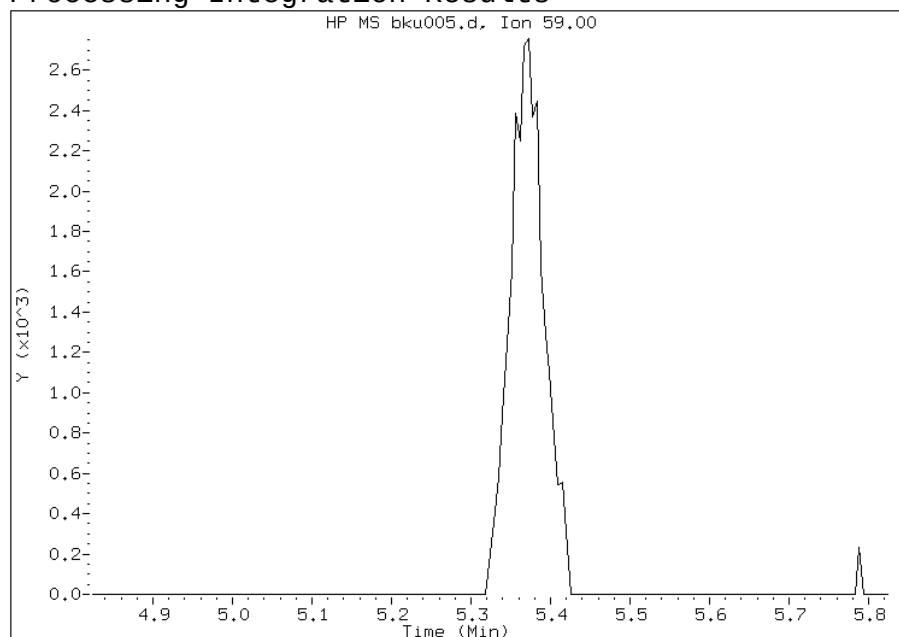
Manual Integration Report

Data File: bku005.d
Lab Sample ID: ic 393988
Inj. Date and Time: 31-OCT-2012 19:46
Instrument ID: B.i
Client ID: ic 393988
Compound: 16 Ethyl ether
CAS #: 60-29-7
Report Date: 11/02/2012

Not Detected

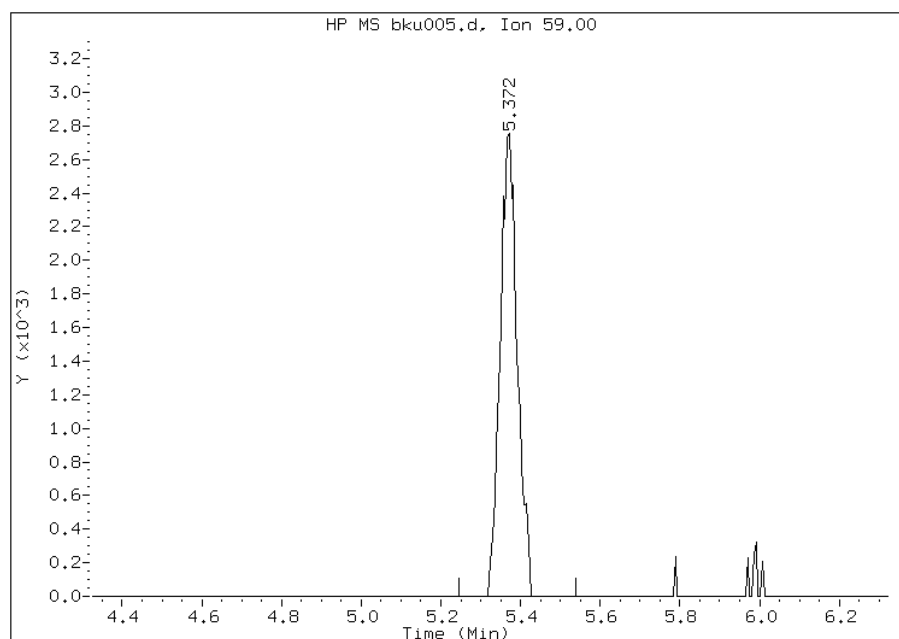
Expected RT: 5.32

Processing Integration Results



Manual Integration Results

RT: 5.37
Response: 8331
Amount: 0.491582
Conc: 0.491582



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku006.d
Lab Smp Id: ic 393951 Client Smp ID: ic 393951
Inj Date : 31-OCT-2012 20:38
Operator : wrd Inst ID: B.i
Smp Info : ic 393951
Misc Info : 200,1, level 3
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
Cal Date : 31-OCT-2012 20:38 Cal File: bku006.d
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.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	2.965	2.965	(0.326)	34676	5.00000	5.2
2 Dichlorodifluoromethane	85	3.013	3.013	(0.331)	257474	5.00000	5.3
3 Chlorodifluoromethane	51	3.045	3.045	(0.334)	101447	5.00000	5.4
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.351)	255539	5.00000	5.2
5 Chloromethane	50	3.307	3.301	(0.363)	54754	5.00000	5.4
6 Butane	43	3.446	3.446	(0.378)	92437	5.00000	5.3
7 Vinyl chloride	62	3.478	3.478	(0.382)	76050	5.00000	5.2
8 1,3-Butadiene	54	3.531	3.531	(0.388)	53649	5.00000	5.2
9 Bromomethane	94	4.065	4.065	(0.446)	109885	5.00000	5.1
10 Chloroethane	64	4.257	4.262	(0.467)	50464	5.00000	5.2
11 2-Methylbutane	43	4.326	4.337	(0.475)	94581	5.00000	5.1
12 Vinyl bromide	106	4.625	4.625	(0.508)	130704	5.00000	4.9
13 Trichlorofluoromethane	101	4.716	4.716	(0.518)	382962	5.00000	5.1
14 Pentane	43	4.844	4.844	(0.532)	156530	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	5.223	5.223	(0.573)	63219	10.0000	10
16 Ethyl ether	59	5.330	5.324	(0.585)	87426	5.00000	5.2
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.703	5.708	(0.626)	286908	5.00000	5.0
18 Acrolein	56	5.671	5.671	(0.623)	44625	5.00000	5.4
19 1,1-Dichloroethene	96	5.767	5.767	(0.633)	135691	5.00000	5.0
20 Acetone	43	5.954	5.943	(0.654)	187811	5.00000	6.0
21 Carbon disulfide	76	6.178	6.178	(0.678)	391289	5.00000	5.2
22 Isopropanol	45	6.242	6.221	(0.685)	117167	5.00000	5.1
23 Allyl chloride	41	6.450	6.450	(0.708)	122831	5.00000	5.3
24 Acetonitrile	41	6.536	6.530	(0.718)	72618	5.00000	5.4
25 Methylene chloride	49	6.706	6.712	(0.736)	113578	5.00000	5.3
26 Tert-butyl alcohol	59	6.941	6.936	(0.762)	207370	5.00000	5.0
27 Methyl tert-butyl ether	73	7.101	7.091	(0.780)	401983	5.00000	5.1
28 1,2-Dichloroethene (trans)	61	7.112	7.112	(0.781)	186801	5.00000	5.2
29 Acrylonitrile	53	7.197	7.197	(0.790)	76336	5.00000	5.3
30 n-Hexane	57	7.438	7.443	(0.817)	185200	5.00000	5.2
31 1,1-Dichloroethane	63	7.843	7.843	(0.861)	230808	5.00000	5.2
32 Vinyl acetate	43	7.875	7.875	(0.865)	254067	5.00000	5.2
M 33 1,2-Dichloroethene,Total	61				342728	10.0000	10
34 1,2-Dichloroethene (cis)	96	8.745	8.750	(0.960)	155927	5.00000	5.1
35 Ethyl acetate	88	8.782	8.788	(0.964)	12340	5.00000	4.9(a)
36 Methyl Ethyl Ketone	72	8.761	8.761	(0.962)	68753	5.00000	5.3
* 37 Bromochloromethane	128	9.108	9.113	(1.000)	316702	10.0000	
38 Tetrahydrofuran	42	9.161	9.151	(0.871)	111064	5.00000	5.4
39 Chloroform	83	9.193	9.193	(1.009)	316126	5.00000	5.1
40 Cyclohexane	84	9.444	9.450	(0.898)	201031	5.00000	5.1
41 1,1,1-Trichloroethane	97	9.434	9.434	(0.897)	356972	5.00000	5.1
42 Carbon tetrachloride	117	9.636	9.642	(0.916)	381310	5.00000	4.9
43 2,2,4-Trimethylpentane	57	9.930	9.930	(0.944)	579424	5.00000	5.2
44 Benzene	78	9.962	9.967	(0.947)	435301	5.00000	5.1
45 1,2-Dichloroethane	62	10.069	10.074	(0.957)	197010	5.00000	5.3
46 n-Heptane	43	10.197	10.202	(0.969)	191852	5.00000	5.3
* 47 1,4-Difluorobenzene	114	10.522	10.522	(1.000)	1473259	10.0000	
48 n-Butanol	56	10.837	10.821	(1.030)	53113	5.00000	4.7(a)
49 Trichloroethene	95	10.885	10.885	(1.034)	212381	5.00000	4.9
50 1,2-Dichloropropane	63	11.243	11.248	(1.068)	141426	5.00000	5.1
51 Methyl methacrylate	69	11.323	11.323	(1.076)	147028	5.00000	5.2
52 Dibromomethane	174	11.435	11.435	(1.087)	222759	5.00000	4.9
53 1,4-Dioxane	88	11.446	11.430	(1.088)	67570	5.00000	5.2
54 Bromodichloromethane	83	11.611	11.616	(1.103)	350032	5.00000	5.2
55 1,3-Dichloropropene (cis)	75	12.241	12.241	(1.163)	248466	5.00000	5.3
56 Methyl isobutyl ketone	43	12.433	12.428	(1.182)	244194	5.00000	5.5
57 n-Octane	43	12.673	12.678	(1.204)	261068	5.00000	5.4
58 Toluene	92	12.668	12.668	(0.864)	348627	5.00000	5.2
59 1,3-Dichloropropene (trans)	75	13.041	13.041	(1.239)	268529	5.00000	5.3
60 1,1,2-Trichloroethane	83	13.303	13.303	(0.908)	162098	5.00000	5.2
61 Tetrachloroethene	166	13.431	13.431	(0.916)	351758	5.00000	5.0

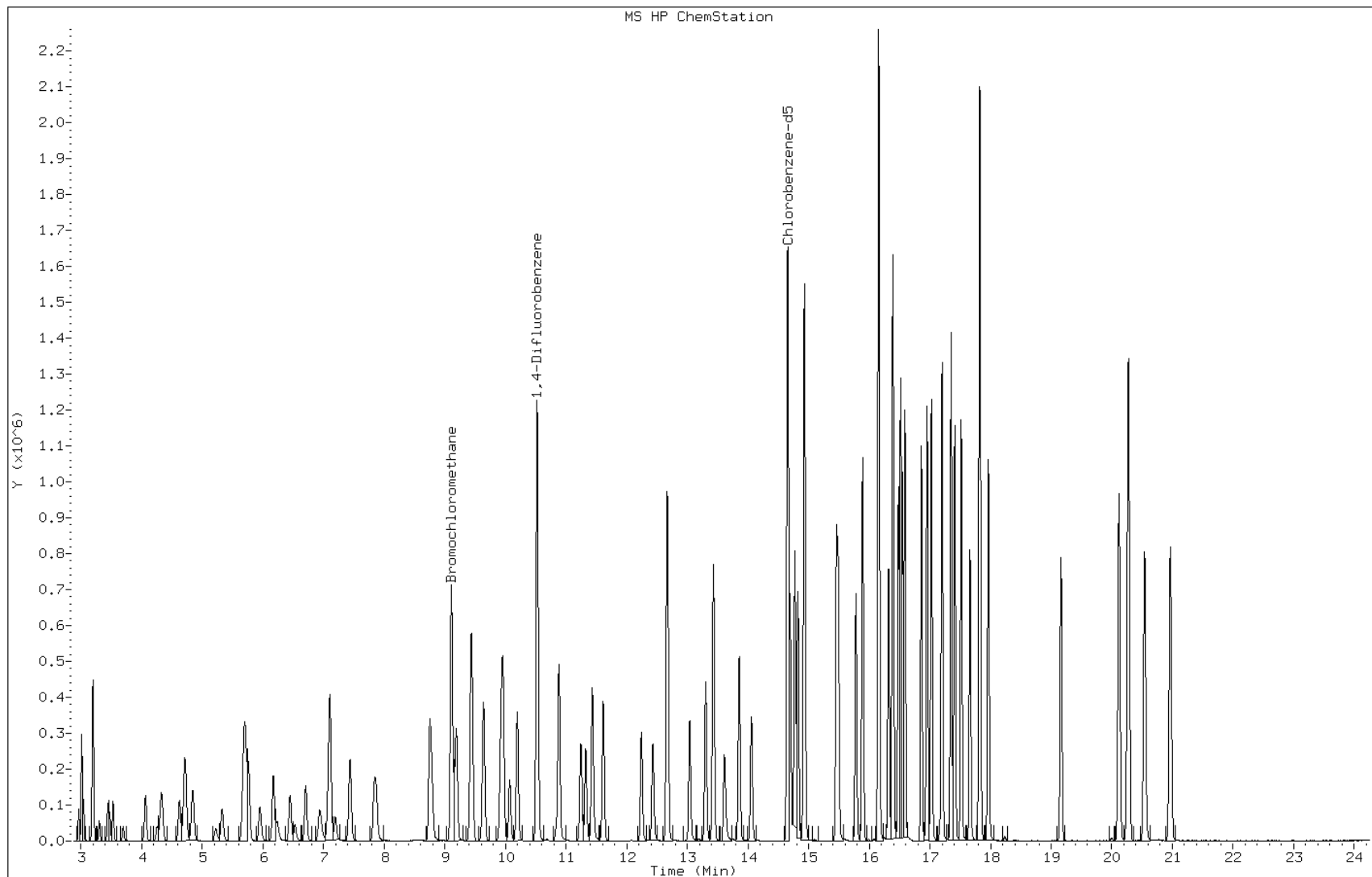
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.612	13.607	(0.929)	240587	5.00000	5.7
63 Dibromochloromethane	129	13.858	13.858	(0.945)	396219	5.00000	5.2
64 1,2-Dibromoethane	107	14.061	14.061	(0.959)	337618	5.00000	5.2
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1332098	10.0000	
66 Chlorobenzene	112	14.696	14.696	(1.003)	508560	5.00000	5.1
67 n-Nonane	57	14.824	14.829	(1.011)	290036	5.00000	5.3
68 Ethylbenzene	91	14.776	14.776	(1.008)	784062	5.00000	5.2
69 Xylene (m,p)	106	14.931	14.936	(1.019)	650963	10.0000	10
M 70 Xylenes, Total	106				971966	5.00000	16
71 Xylene (o)	106	15.464	15.464	(1.055)	321003	5.00000	5.3
72 Styrene	104	15.491	15.491	(1.057)	483740	5.00000	5.4
73 Bromoform	173	15.785	15.784	(1.077)	421753	5.00000	5.2
74 Isopropylbenzene	105	15.897	15.897	(1.084)	941886	5.00000	5.3
75 1,1,2,2-Tetrachloroethane	83	16.318	16.323	(1.113)	439821	5.00000	5.4
76 n-Propylbenzene	91	16.388	16.388	(1.118)	1077753	5.00000	5.4
77 1,2,3-Trichloropropane	75	16.398	16.398	(1.119)	332167	5.00000	5.6
78 n-Decane	57	16.484	16.489	(1.125)	384601	5.00000	5.7
79 4-Ethyltoluene	105	16.521	16.521	(1.127)	980651	5.00000	5.4
80 2-Chlorotoluene	91	16.548	16.553	(1.129)	851315	5.00000	5.3
81 1,3,5-Trimethylbenzene	105	16.590	16.590	(1.132)	827552	5.00000	5.3
82 Alpha Methyl Styrene	118	16.863	16.863	(1.150)	413849	5.00000	5.4
83 tert-butylbenzene	119	16.959	16.959	(1.157)	796671	5.00000	5.2
84 1,2,4-Trimethylbenzene	105	17.028	17.028	(1.162)	822185	5.00000	5.3
85 sec-Butylbenzene	105	17.204	17.204	(1.174)	1183361	5.00000	5.2
86 4-Isopropyltoluene	119	17.354	17.354	(1.184)	1033929	5.00000	5.4
87 1,3-Dichlorobenzene	146	17.412	17.418	(1.188)	616965	5.00000	5.3
88 1,4-Dichlorobenzene	146	17.519	17.524	(1.195)	628996	5.00000	5.3
89 Benzyl chloride	91	17.663	17.668	(1.205)	729749	5.00000	5.6
90 Undecane	57	17.823	17.823	(1.216)	415594	5.00000	6.4
91 n-Butylbenzene	91	17.829	17.834	(1.216)	878071	5.00000	5.6
92 1,2-Dichlorobenzene	146	17.967	17.973	(1.226)	603426	5.00000	5.3
93 Dodecane	57	19.163	19.163	(1.307)	359561	5.00000	6.6
94 1,2,4-Trichlorobenzene	180	20.118	20.118	(1.372)	533911	5.00000	6.0
95 1,3-Hexachlorobutadiene	225	20.273	20.278	(1.383)	491067	5.00000	5.4
96 Naphthalene	128	20.540	20.545	(1.401)	1142944	5.00000	6.3
97 1,2,3-Trichlorobenzene	180	20.967	20.967	(1.430)	497902	5.00000	6.2

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: bku006.d
Client ID: ic 393951
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393951
Lab Sample ID: ic 393951

Date: 31-OCT-2012 20:38
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku007.d
Lab Smp Id: icis 408689 Client Smp ID: icis 408689
Inj Date : 31-OCT-2012 21:31
Operator : wrd Inst ID: B.i
Smp Info : icis 408689
Misc Info : 200,1, level 4
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
Cal Date : 31-OCT-2012 21:31 Cal File: bku007.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.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

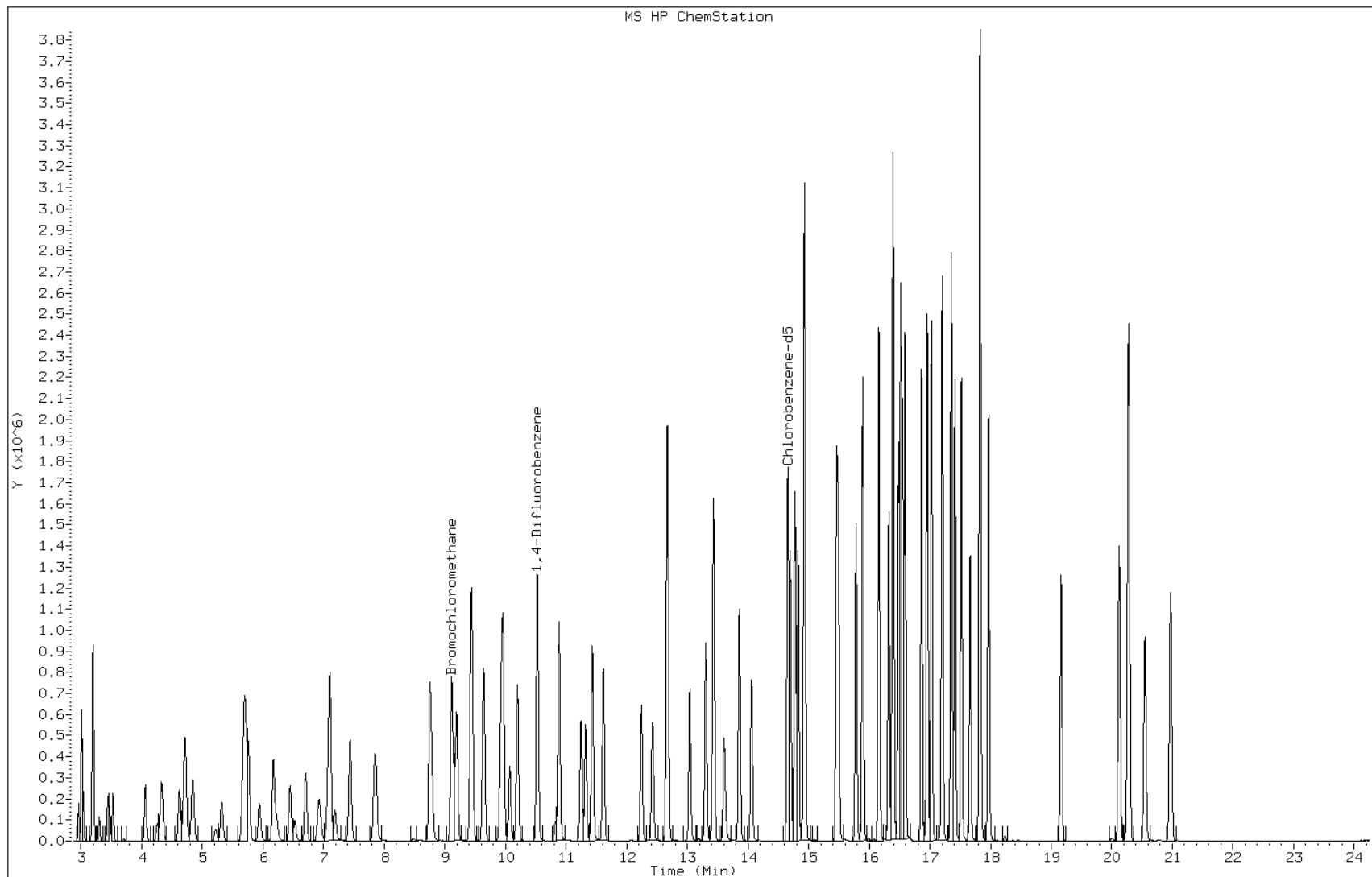
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	2.965	2.965	(0.325)	73046	10.0000	10
2 Dichlorodifluoromethane	85	3.013	3.013	(0.331)	536072	10.0000	10
3 Chlorodifluoromethane	51	3.045	3.045	(0.334)	208710	10.0000	10
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.351)	530474	10.0000	10
5 Chloromethane	50	3.301	3.301	(0.362)	111645	10.0000	10
6 Butane	43	3.446	3.446	(0.378)	190356	10.0000	10
7 Vinyl chloride	62	3.478	3.478	(0.382)	159943	10.0000	10
8 1,3-Butadiene	54	3.531	3.531	(0.387)	113464	10.0000	10
9 Bromomethane	94	4.065	4.065	(0.446)	231142	10.0000	9.9
10 Chloroethane	64	4.262	4.262	(0.468)	108395	10.0000	10
11 2-Methylbutane	43	4.337	4.337	(0.476)	197938	10.0000	9.9
12 Vinyl bromide	106	4.625	4.625	(0.507)	280997	10.0000	9.9
13 Trichlorofluoromethane	101	4.716	4.716	(0.517)	802066	10.0000	9.9
14 Pentane	43	4.844	4.844	(0.532)	325517	10.0000	10

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.223	5.223	(0.573)	95851	15.0000	14
16 Ethyl ether	59	5.324	5.324	(0.584)	185532	10.0000	10
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.708	5.708	(0.626)	604217	10.0000	9.8
18 Acrolein	56	5.671	5.671	(0.622)	86863	10.0000	9.7
19 1,1-Dichloroethene	96	5.767	5.767	(0.633)	288869	10.0000	10
20 Acetone	43	5.943	5.943	(0.652)	359623	10.0000	11
21 Carbon disulfide	76	6.178	6.178	(0.678)	825219	10.0000	10
22 Isopropanol	45	6.221	6.221	(0.683)	265593	10.0000	11
23 Allyl chloride	41	6.450	6.450	(0.708)	245126	10.0000	9.9
24 Acetonitrile	41	6.530	6.530	(0.717)	151469	10.0000	10
25 Methylene chloride	49	6.712	6.712	(0.736)	234456	10.0000	10
26 Tert-butyl alcohol	59	6.936	6.936	(0.761)	493241	10.0000	11
27 Methyl tert-butyl ether	73	7.091	7.091	(0.778)	858621	10.0000	10
28 1,2-Dichloroethene (trans)	61	7.112	7.112	(0.780)	384750	10.0000	10
29 Acrylonitrile	53	7.197	7.197	(0.790)	160662	10.0000	10
30 n-Hexane	57	7.443	7.443	(0.817)	387479	10.0000	10
31 1,1-Dichloroethane	63	7.843	7.843	(0.861)	478678	10.0000	10
32 Vinyl acetate	43	7.875	7.875	(0.864)	540823	10.0000	10
M 33 1,2-Dichloroethene,Total	61				717938	20.0000	20
34 1,2-Dichloroethene (cis)	96	8.750	8.750	(0.960)	333188	10.0000	10
35 Ethyl acetate	88	8.788	8.788	(0.964)	28040	10.0000	10
36 Methyl Ethyl Ketone	72	8.761	8.761	(0.961)	141307	10.0000	10
* 37 Bromochloromethane	128	9.113	9.113	(1.000)	340369	10.0000	
38 Tetrahydrofuran	42	9.151	9.151	(0.870)	229113	10.0000	10
39 Chloroform	83	9.193	9.193	(1.009)	661565	10.0000	10
40 Cyclohexane	84	9.450	9.450	(0.898)	432151	10.0000	10
41 1,1,1-Trichloroethane	97	9.434	9.434	(0.897)	746662	10.0000	10
42 Carbon tetrachloride	117	9.642	9.642	(0.916)	814687	10.0000	9.8
43 2,2,4-Trimethylpentane	57	9.930	9.930	(0.944)	1215028	10.0000	10
44 Benzene	78	9.967	9.967	(0.947)	911898	10.0000	10
45 1,2-Dichloroethane	62	10.074	10.074	(0.957)	409005	10.0000	10
46 n-Heptane	43	10.202	10.202	(0.970)	392074	10.0000	10
* 47 1,4-Difluorobenzene	114	10.522	10.522	(1.000)	1573499	10.0000	
48 n-Butanol	56	10.821	10.821	(1.028)	120598	10.0000	10
49 Trichloroethene	95	10.885	10.885	(1.034)	447685	10.0000	9.6
50 1,2-Dichloropropane	63	11.248	11.248	(1.069)	292736	10.0000	9.8
51 Methyl methacrylate	69	11.323	11.323	(1.076)	319579	10.0000	11
52 Dibromomethane	174	11.435	11.435	(1.087)	488158	10.0000	10
53 1,4-Dioxane	88	11.430	11.430	(1.086)	148488	10.0000	11
54 Bromodichloromethane	83	11.616	11.616	(1.104)	739802	10.0000	10
55 1,3-Dichloropropene (cis)	75	12.241	12.241	(1.163)	527662	10.0000	11
56 Methyl isobutyl ketone	43	12.428	12.428	(1.181)	506044	10.0000	11
57 n-Octane	43	12.678	12.678	(1.205)	523503	10.0000	10
58 Toluene	92	12.668	12.668	(0.864)	735081	10.0000	10
59 1,3-Dichloropropene (trans)	75	13.041	13.041	(1.239)	563973	10.0000	10
60 1,1,2-Trichloroethane	83	13.303	13.303	(0.908)	345275	10.0000	10
61 Tetrachloroethene	166	13.431	13.431	(0.916)	758705	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	13.607	13.607	(0.928)	485162	10.0000	11
63 Dibromochloromethane	129	13.858	13.858	(0.945)	864501	10.0000	11
64 1,2-Dibromoethane	107	14.061	14.061	(0.959)	725597	10.0000	10
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1430449	10.0000	
66 Chlorobenzene	112	14.696	14.696	(1.003)	1071650	10.0000	9.9
67 n-Nonane	57	14.829	14.829	(1.012)	596107	10.0000	10
68 Ethylbenzene	91	14.776	14.776	(1.008)	1651976	10.0000	10
69 Xylene (m,p)	106	14.936	14.936	(1.019)	1361445	20.0000	20
M 70 Xylenes, Total	106				2033871	10.0000	31
71 Xylene (o)	106	15.464	15.464	(1.055)	672426	10.0000	10
72 Styrene	104	15.491	15.491	(1.057)	1019161	10.0000	11
73 Bromoform	173	15.784	15.784	(1.077)	914670	10.0000	11
74 Isopropylbenzene	105	15.897	15.897	(1.084)	1979591	10.0000	10
75 1,1,2,2-Tetrachloroethane	83	16.323	16.323	(1.114)	895121	10.0000	10
76 n-Propylbenzene	91	16.388	16.388	(1.118)	2184992	10.0000	10
77 1,2,3-Trichloropropane	75	16.398	16.398	(1.119)	662964	10.0000	10
78 n-Decane	57	16.489	16.489	(1.125)	756671	10.0000	10
79 4-Ethyltoluene	105	16.521	16.521	(1.127)	1998432	10.0000	10
80 2-Chlorotoluene	91	16.553	16.553	(1.129)	1754369	10.0000	10
81 1,3,5-Trimethylbenzene	105	16.590	16.590	(1.132)	1706324	10.0000	10
82 Alpha Methyl Styrene	118	16.863	16.863	(1.150)	875472	10.0000	11
83 tert-butylbenzene	119	16.959	16.959	(1.157)	1655821	10.0000	10
84 1,2,4-Trimethylbenzene	105	17.028	17.028	(1.162)	1664546	10.0000	10
85 sec-Butylbenzene	105	17.204	17.204	(1.174)	2395301	10.0000	9.8
86 4-Isopropyltoluene	119	17.354	17.354	(1.184)	2111995	10.0000	10
87 1,3-Dichlorobenzene	146	17.418	17.418	(1.188)	1212620	10.0000	9.6
88 1,4-Dichlorobenzene	146	17.524	17.524	(1.196)	1219112	10.0000	9.5
89 Benzyl chloride	91	17.668	17.668	(1.205)	1246469	10.0000	8.9
90 Undecane	57	17.823	17.823	(1.216)	738983	10.0000	11
91 n-Butylbenzene	91	17.834	17.834	(1.217)	1655194	10.0000	9.9
92 1,2-Dichlorobenzene	146	17.973	17.973	(1.226)	1176084	10.0000	9.6
93 Dodecane	57	19.163	19.163	(1.307)	564123	10.0000	9.6
94 1,2,4-Trichlorobenzene	180	20.118	20.118	(1.372)	779036	10.0000	8.1
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	916914	10.0000	9.5
96 Naphthalene	128	20.545	20.545	(1.402)	1381985	10.0000	7.1
97 1,2,3-Trichlorobenzene	180	20.967	20.967	(1.430)	720668	10.0000	8.4

Data File: bku007.d
Client ID: icis 408689
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 408689
Lab Sample ID: icis 408689

Date: 31-OCT-2012 21:31
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku008.d
 Lab Smp Id: IC 393949 Client Smp ID: IC 393949
 Inj Date : 31-OCT-2012 22:23
 Operator : wrd Inst ID: B.i
 Smp Info : IC 393949
 Misc Info : 200,1, level 5
 Comment :
 Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
 Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
 Cal Date : 31-OCT-2012 22:23 Cal File: bku008.d
 Als bottle: 2 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allT015.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	1.00000	Final Volume (mL)

Cpnd Variable

Local Compound Variable

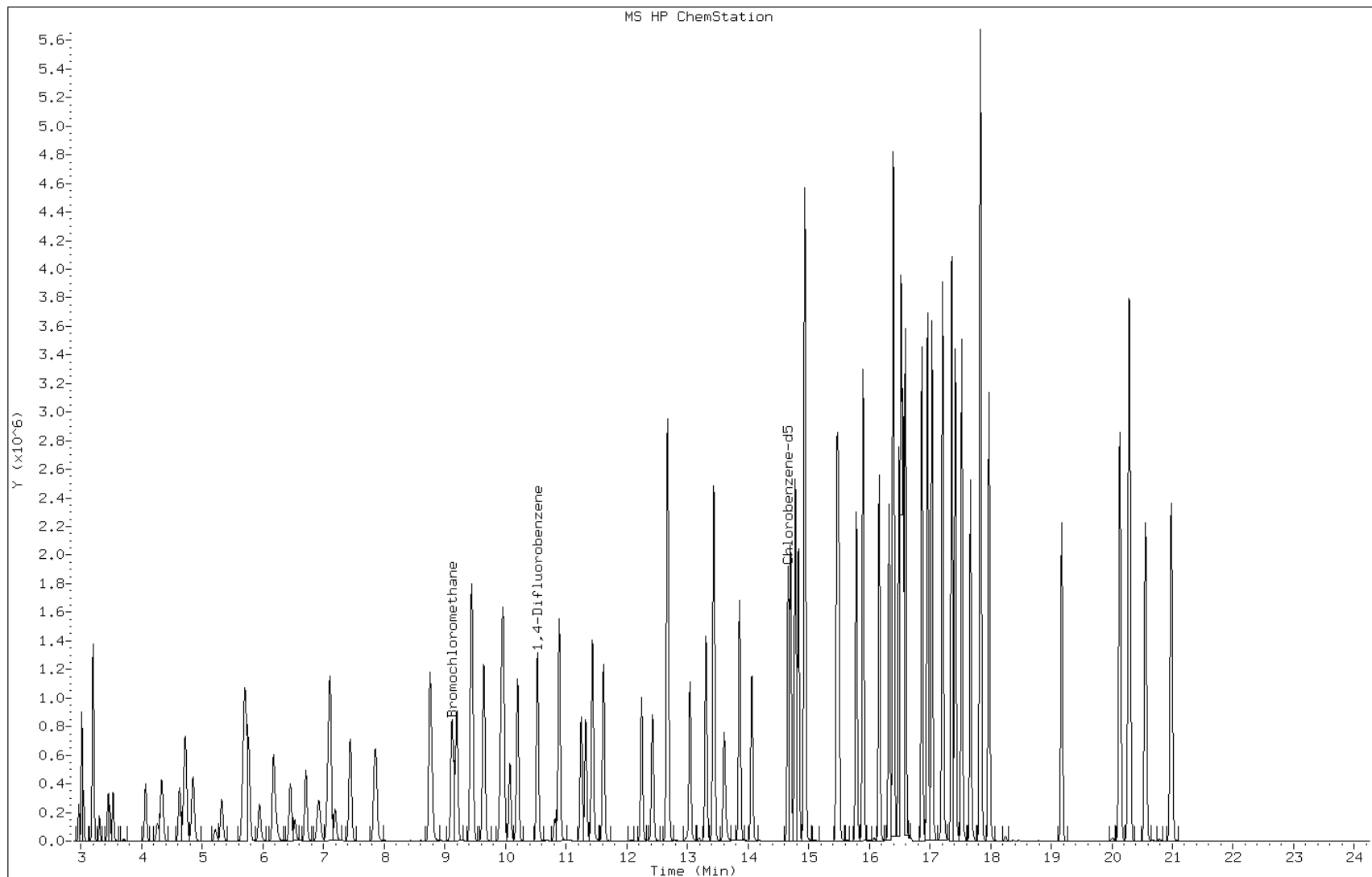
Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41		2.965	2.965	(0.325)	110639	15.0000	15
2 Dichlorodifluoromethane	85		3.013	3.013	(0.331)	796392	15.0000	15
3 Chlorodifluoromethane	51		3.045	3.045	(0.334)	310976	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.200	3.200	(0.351)	788851	15.0000	14
5 Chloromethane	50		3.307	3.301	(0.363)	164458	15.0000	15
6 Butane	43		3.451	3.446	(0.379)	286540	15.0000	15
7 Vinyl chloride	62		3.477	3.478	(0.382)	238681	15.0000	15
8 1,3-Butadiene	54		3.531	3.531	(0.387)	172051	15.0000	15
9 Bromomethane	94		4.070	4.065	(0.447)	352425	15.0000	15
10 Chloroethane	64		4.262	4.262	(0.468)	162253	15.0000	15
11 2-Methylbutane	43		4.331	4.337	(0.475)	302712	15.0000	15
12 Vinyl bromide	106		4.630	4.625	(0.508)	436698	15.0000	15
13 Trichlorofluoromethane	101		4.721	4.716	(0.518)	1213443	15.0000	14
14 Pentane	43		4.849	4.844	(0.532)	496702	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	5.223	5.223	(0.573)	144560	20.0000	21
16 Ethyl ether	59	5.324	5.324	(0.584)	284185	15.0000	15
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.708	5.708	(0.626)	930170	15.0000	14
18 Acrolein	56	5.666	5.671	(0.622)	139287	15.0000	15
19 1,1-Dichloroethene	96	5.772	5.767	(0.633)	448566	15.0000	15
20 Acetone	43	5.948	5.943	(0.653)	508284	15.0000	14
21 Carbon disulfide	76	6.178	6.178	(0.678)	1273812	15.0000	15
22 Isopropanol	45	6.215	6.221	(0.682)	387420	15.0000	15
23 Allyl chloride	41	6.455	6.450	(0.708)	400684	15.0000	16
24 Acetonitrile	41	6.530	6.530	(0.717)	229308	15.0000	15
25 Methylene chloride	49	6.712	6.712	(0.736)	355151	15.0000	15
26 Tert-butyl alcohol	59	6.925	6.936	(0.760)	709410	15.0000	15
27 Methyl tert-butyl ether	73	7.091	7.091	(0.778)	1309834	15.0000	15
28 1,2-Dichloroethene (trans)	61	7.117	7.112	(0.781)	587702	15.0000	15
29 Acrylonitrile	53	7.197	7.197	(0.790)	254142	15.0000	16
30 n-Hexane	57	7.448	7.443	(0.817)	597093	15.0000	15
31 1,1-Dichloroethane	63	7.848	7.843	(0.861)	727971	15.0000	15
32 Vinyl acetate	43	7.880	7.875	(0.865)	836663	15.0000	15
M 33 1,2-Dichloroethene,Total	61				1101281	30.0000	30
34 1,2-Dichloroethene (cis)	96	8.750	8.750	(0.960)	513579	15.0000	15
35 Ethyl acetate	88	8.782	8.788	(0.964)	43118	15.0000	15
36 Methyl Ethyl Ketone	72	8.756	8.761	(0.961)	214204	15.0000	15
* 37 Bromochloromethane	128	9.113	9.113	(1.000)	354145	10.0000	
38 Tetrahydrofuran	42	9.151	9.151	(0.869)	348324	15.0000	15
39 Chloroform	83	9.199	9.193	(1.009)	1007634	15.0000	15
40 Cyclohexane	84	9.449	9.450	(0.898)	657690	15.0000	15
41 1,1,1-Trichloroethane	97	9.439	9.434	(0.897)	1133838	15.0000	15
42 Carbon tetrachloride	117	9.642	9.642	(0.916)	1236720	15.0000	14
43 2,2,4-Trimethylpentane	57	9.940	9.930	(0.944)	1834933	15.0000	15
44 Benzene	78	9.967	9.967	(0.947)	1398412	15.0000	15
45 1,2-Dichloroethane	62	10.074	10.074	(0.957)	616580	15.0000	15
46 n-Heptane	43	10.202	10.202	(0.969)	595337	15.0000	15
* 47 1,4-Difluorobenzene	114	10.528	10.522	(1.000)	1641219	10.0000	
48 n-Butanol	56	10.816	10.821	(1.027)	197309	15.0000	16
49 Trichloroethene	95	10.885	10.885	(1.034)	688136	15.0000	14
50 1,2-Dichloropropane	63	11.248	11.248	(1.068)	450983	15.0000	14
51 Methyl methacrylate	69	11.323	11.323	(1.076)	495069	15.0000	16
52 Dibromomethane	174	11.435	11.435	(1.086)	761816	15.0000	15
53 1,4-Dioxane	88	11.424	11.430	(1.085)	223095	15.0000	15
54 Bromodichloromethane	83	11.616	11.616	(1.103)	1134707	15.0000	15
55 1,3-Dichloropropene (cis)	75	12.246	12.241	(1.163)	814320	15.0000	16
56 Methyl isobutyl ketone	43	12.427	12.428	(1.180)	780757	15.0000	16
57 n-Octane	43	12.678	12.678	(1.204)	779807	15.0000	15
58 Toluene	92	12.668	12.668	(0.864)	1115858	15.0000	14
59 1,3-Dichloropropene (trans)	75	13.041	13.041	(1.239)	876696	15.0000	16
60 1,1,2-Trichloroethane	83	13.308	13.303	(0.908)	525662	15.0000	15
61 Tetrachloroethene	166	13.436	13.431	(0.916)	1179145	15.0000	15

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	13.607	13.607	(0.928)	762676	15.0000	16
63 Dibromochloromethane	129	13.863	13.858	(0.945)	1341656	15.0000	15
64 1,2-Dibromoethane	107	14.066	14.061	(0.959)	1114920	15.0000	15
* 65 Chlorobenzene-d5	117	14.664	14.658	(1.000)	1525190	10.0000	
66 Chlorobenzene	112	14.701	14.696	(1.003)	1655770	15.0000	14
67 n-Nonane	57	14.834	14.829	(1.012)	892812	15.0000	14
68 Ethylbenzene	91	14.781	14.776	(1.008)	2519210	15.0000	15
69 Xylene (m,p)	106	14.941	14.936	(1.019)	2065099	30.0000	29
M 70 Xylenes, Total	106				3090417	15.0000	44
71 Xylene (o)	106	15.469	15.464	(1.055)	1025318	15.0000	15
72 Styrene	104	15.496	15.491	(1.057)	1603795	15.0000	16
73 Bromoform	173	15.790	15.784	(1.077)	1430201	15.0000	15
74 Isopropylbenzene	105	15.902	15.897	(1.084)	3004078	15.0000	15
75 1,1,2,2-Tetrachloroethane	83	16.329	16.323	(1.114)	1360887	15.0000	15
76 n-Propylbenzene	91	16.393	16.388	(1.118)	3279341	15.0000	14
77 1,2,3-Trichloropropane	75	16.403	16.398	(1.119)	982818	15.0000	15
78 n-Decane	57	16.494	16.489	(1.125)	1109194	15.0000	14
79 4-Ethyltoluene	105	16.526	16.521	(1.127)	3047712	15.0000	15
80 2-Chlorotoluene	91	16.558	16.553	(1.129)	2642648	15.0000	14
81 1,3,5-Trimethylbenzene	105	16.601	16.590	(1.132)	2597890	15.0000	14
82 Alpha Methyl Styrene	118	16.868	16.863	(1.150)	1396938	15.0000	16
83 tert-butylbenzene	119	16.964	16.959	(1.157)	2509039	15.0000	14
84 1,2,4-Trimethylbenzene	105	17.033	17.028	(1.162)	2538697	15.0000	14
85 sec-Butylbenzene	105	17.209	17.204	(1.174)	3604661	15.0000	14
86 4-Isopropyltoluene	119	17.364	17.354	(1.184)	3208865	15.0000	15
87 1,3-Dichlorobenzene	146	17.423	17.418	(1.188)	1935282	15.0000	14
88 1,4-Dichlorobenzene	146	17.530	17.524	(1.195)	1975170	15.0000	14
89 Benzyl chloride	91	17.674	17.668	(1.205)	2318737	15.0000	16
90 Undecane	57	17.828	17.823	(1.216)	1109910	15.0000	15
91 n-Butylbenzene	91	17.839	17.834	(1.217)	2516290	15.0000	14
92 1,2-Dichlorobenzene	146	17.978	17.973	(1.226)	1868247	15.0000	14
93 Dodecane	57	19.173	19.163	(1.308)	1016688	15.0000	16
94 1,2,4-Trichlorobenzene	180	20.129	20.118	(1.373)	1603263	15.0000	16
95 1,3-Hexachlorobutadiene	225	20.289	20.278	(1.384)	1434280	15.0000	14
96 Naphthalene	128	20.556	20.545	(1.402)	3215485	15.0000	16
97 1,2,3-Trichlorobenzene	180	20.977	20.967	(1.431)	1448464	15.0000	16

Data File: bku008.d
Client ID: IC 393949
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: IC 393949
Lab Sample ID: IC 393949

Date: 31-OCT-2012 22:23
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku009.d
Lab Smp Id: ic 393948 Client Smp ID: ic 393948
Inj Date : 31-OCT-2012 23:15
Operator : wrd Inst ID: B.i
Smp Info : ic 393948
Misc Info : 200,1, level 6
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
Cal Date : 31-OCT-2012 23:15 Cal File: bku009.d
Als bottle: 3 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.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	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	2.965	2.965	(0.325)	150934	20.0000	19
2 Dichlorodifluoromethane	85	3.013	3.013	(0.331)	1099184	20.0000	19
3 Chlorodifluoromethane	51	3.045	3.045	(0.334)	424338	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.351)	1088426	20.0000	18
5 Chloromethane	50	3.307	3.301	(0.363)	224659	20.0000	18
6 Butane	43	3.445	3.446	(0.378)	389197	20.0000	19
7 Vinyl chloride	62	3.477	3.478	(0.382)	324414	20.0000	18
8 1,3-Butadiene	54	3.531	3.531	(0.387)	236886	20.0000	19
9 Bromomethane	94	4.070	4.065	(0.447)	505137	20.0000	19
10 Chloroethane	64	4.262	4.262	(0.468)	227987	20.0000	20
11 2-Methylbutane	43	4.337	4.337	(0.476)	417692	20.0000	19
12 Vinyl bromide	106	4.630	4.625	(0.508)	624952	20.0000	20
13 Trichlorofluoromethane	101	4.721	4.716	(0.518)	1718652	20.0000	19
14 Pentane	43	4.849	4.844	(0.532)	688834	20.0000	19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.217	5.223	(0.572)	306515	40.0000	41
16 Ethyl ether	59	5.319	5.324	(0.584)	403737	20.0000	20
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.708	5.708	(0.626)	1325946	20.0000	19
18 Acrolein	56	5.665	5.671	(0.622)	200975	20.0000	20
19 1,1-Dichloroethene	96	5.772	5.767	(0.633)	642434	20.0000	20
20 Acetone	43	5.943	5.943	(0.652)	703093	20.0000	19
21 Carbon disulfide	76	6.178	6.178	(0.678)	1801017	20.0000	20
22 Isopropanol	45	6.210	6.221	(0.681)	530930	20.0000	19
23 Allyl chloride	41	6.455	6.450	(0.708)	530641	20.0000	19
24 Acetonitrile	41	6.530	6.530	(0.717)	311603	20.0000	19
25 Methylene chloride	49	6.712	6.712	(0.736)	488103	20.0000	19
26 Tert-butyl alcohol	59	6.914	6.936	(0.759)	986849	20.0000	20
27 Methyl tert-butyl ether	73	7.085	7.091	(0.777)	1852742	20.0000	19
28 1,2-Dichloroethene (trans)	61	7.117	7.112	(0.781)	811039	20.0000	19
29 Acrylonitrile	53	7.192	7.197	(0.789)	359501	20.0000	21
30 n-Hexane	57	7.443	7.443	(0.817)	834387	20.0000	19
31 1,1-Dichloroethane	63	7.848	7.843	(0.861)	1020270	20.0000	19
32 Vinyl acetate	43	7.875	7.875	(0.864)	1169747	20.0000	20
M 33 1,2-Dichloroethene,Total	61				1544627	40.0000	38
34 1,2-Dichloroethene (cis)	96	8.750	8.750	(0.960)	733588	20.0000	20
35 Ethyl acetate	88	8.782	8.788	(0.964)	62153	20.0000	20
36 Methyl Ethyl Ketone	72	8.756	8.761	(0.961)	300045	20.0000	19(Q)
* 37 Bromochloromethane	128	9.113	9.113	(1.000)	382880	10.0000	
38 Tetrahydrofuran	42	9.145	9.151	(0.869)	484151	20.0000	19
39 Chloroform	83	9.199	9.193	(1.009)	1415753	20.0000	19
40 Cyclohexane	84	9.444	9.450	(0.897)	929974	20.0000	19
41 1,1,1-Trichloroethane	97	9.439	9.434	(0.897)	1605364	20.0000	19
42 Carbon tetrachloride	117	9.641	9.642	(0.916)	1768368	20.0000	19
43 2,2,4-Trimethylpentane	57	9.935	9.930	(0.944)	2547699	20.0000	19
44 Benzene	78	9.967	9.967	(0.947)	1963080	20.0000	19
45 1,2-Dichloroethane	62	10.068	10.074	(0.956)	847337	20.0000	19
46 n-Heptane	43	10.197	10.202	(0.969)	810822	20.0000	19
* 47 1,4-Difluorobenzene	114	10.527	10.522	(1.000)	1770045	10.0000	
48 n-Butanol	56	10.805	10.821	(1.026)	278021	20.0000	20
49 Trichloroethene	95	10.885	10.885	(1.034)	975420	20.0000	19
50 1,2-Dichloropropane	63	11.248	11.248	(1.068)	633147	20.0000	19
51 Methyl methacrylate	69	11.323	11.323	(1.076)	706440	20.0000	21
52 Dibromomethane	174	11.435	11.435	(1.086)	1111852	20.0000	20
53 1,4-Dioxane	88	11.413	11.430	(1.084)	305486	20.0000	20
54 Bromodichloromethane	83	11.616	11.616	(1.103)	1596191	20.0000	20
55 1,3-Dichloropropene (cis)	75	12.246	12.241	(1.163)	1154057	20.0000	20
56 Methyl isobutyl ketone	43	12.422	12.428	(1.180)	1072877	20.0000	20
57 n-Octane	43	12.678	12.678	(1.204)	1052230	20.0000	18
58 Toluene	92	12.668	12.668	(0.864)	1570400	20.0000	19
59 1,3-Dichloropropene (trans)	75	13.041	13.041	(1.239)	1240894	20.0000	20
60 1,1,2-Trichloroethane	83	13.308	13.303	(0.908)	744476	20.0000	19
61 Tetrachloroethene	166	13.436	13.431	(0.917)	1719888	20.0000	20

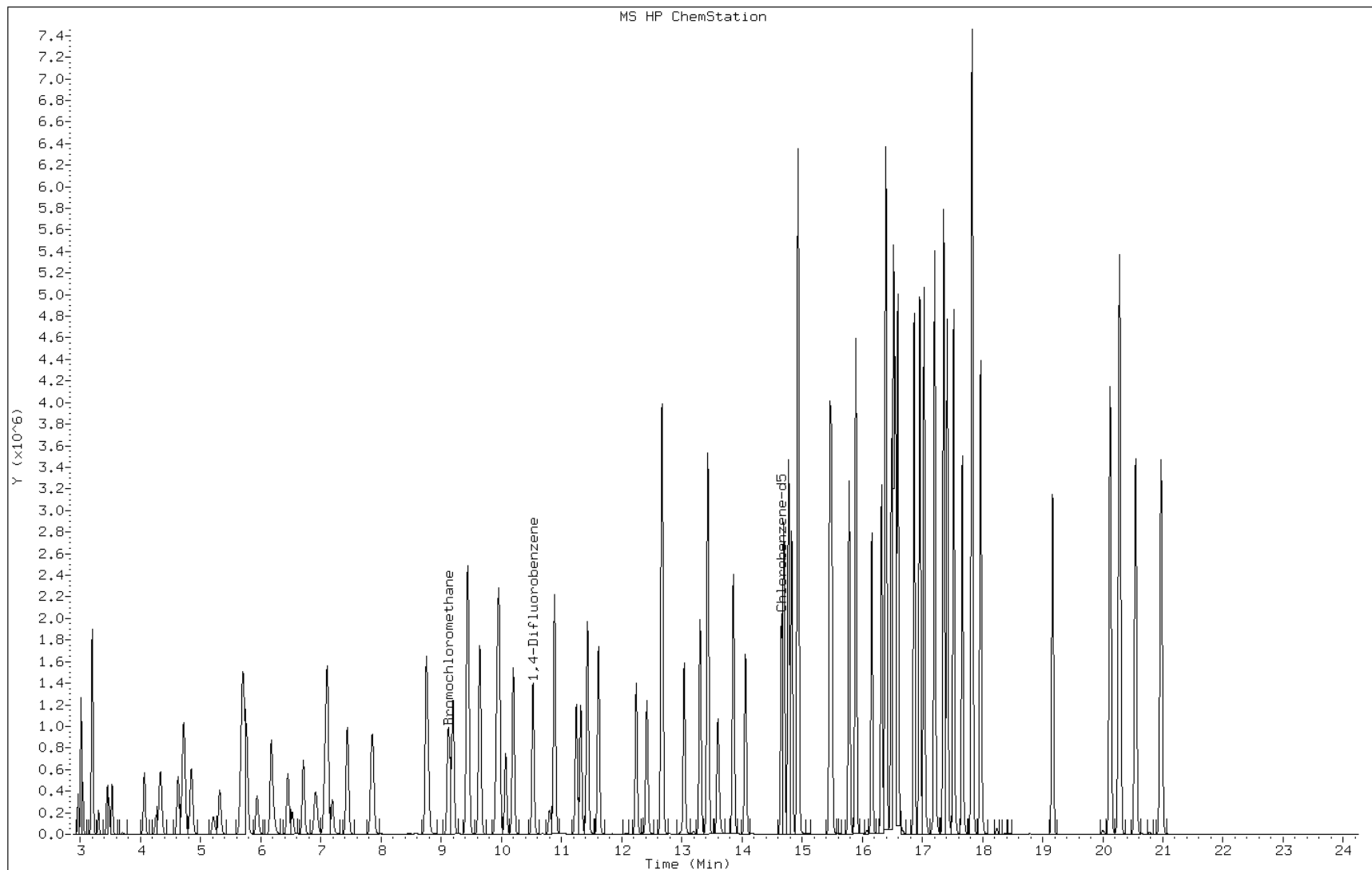
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.601	13.607	(0.928)	1047660	20.0000	20
63 Dibromochloromethane	129	13.858	13.858	(0.945)	1932523	20.0000	20
64 1,2-Dibromoethane	107	14.060	14.061	(0.959)	1596922	20.0000	20
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1643206	10.0000	
66 Chlorobenzene	112	14.701	14.696	(1.003)	2383369	20.0000	19
67 n-Nonane	57	14.829	14.829	(1.012)	1230285	20.0000	18
68 Ethylbenzene	91	14.781	14.776	(1.008)	3561088	20.0000	19
69 Xylene (m,p)	106	14.936	14.936	(1.019)	2894087	40.0000	38
M 70 Xylenes, Total	106				4353244	20.0000	57
71 Xylene (o)	106	15.464	15.464	(1.055)	1459157	20.0000	20
72 Styrene	104	15.496	15.491	(1.057)	2295310	20.0000	21
73 Bromoform	173	15.784	15.784	(1.077)	2076355	20.0000	21
74 Isopropylbenzene	105	15.896	15.897	(1.084)	4274643	20.0000	19
75 1,1,2,2-Tetrachloroethane	83	16.323	16.323	(1.114)	1896703	20.0000	19
76 n-Propylbenzene	91	16.393	16.388	(1.118)	4499529	20.0000	18
77 1,2,3-Trichloropropane	75	16.403	16.398	(1.119)	1333192	20.0000	18
78 n-Decane	57	16.489	16.489	(1.125)	1499224	20.0000	18
79 4-Ethyltoluene	105	16.521	16.521	(1.127)	4234208	20.0000	19
80 2-Chlorotoluene	91	16.553	16.553	(1.129)	3701141	20.0000	19
81 1,3,5-Trimethylbenzene	105	16.595	16.590	(1.132)	3602812	20.0000	19
82 Alpha Methyl Styrene	118	16.868	16.863	(1.151)	1989438	20.0000	21
83 tert-butylbenzene	119	16.964	16.959	(1.157)	3531720	20.0000	19
84 1,2,4-Trimethylbenzene	105	17.033	17.028	(1.162)	3607610	20.0000	19
85 sec-Butylbenzene	105	17.209	17.204	(1.174)	5072286	20.0000	18
86 4-Isopropyltoluene	119	17.359	17.354	(1.184)	4548816	20.0000	19
87 1,3-Dichlorobenzene	146	17.417	17.418	(1.188)	2771519	20.0000	19
88 1,4-Dichlorobenzene	146	17.524	17.524	(1.196)	2808602	20.0000	19
89 Benzyl chloride	91	17.668	17.668	(1.205)	3299063	20.0000	21
90 Undecane	57	17.823	17.823	(1.216)	1463981	20.0000	18
91 n-Butylbenzene	91	17.834	17.834	(1.217)	3429463	20.0000	18
92 1,2-Dichlorobenzene	146	17.972	17.973	(1.226)	2680773	20.0000	19
93 Dodecane	57	19.163	19.163	(1.307)	1460373	20.0000	22
94 1,2,4-Trichlorobenzene	180	20.123	20.118	(1.373)	2388874	20.0000	22
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	2050745	20.0000	18
96 Naphthalene	128	20.545	20.545	(1.402)	4985405	20.0000	22
97 1,2,3-Trichlorobenzene	180	20.966	20.967	(1.430)	2192382	20.0000	22

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: bku009.d
Client ID: ic 393948
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393948
Lab Sample ID: ic 393948

Date: 31-OCT-2012 23:15
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku010.d
Lab Smp Id: ic 393946 Client Smp ID: ic 393946
Inj Date : 01-NOV-2012 00:08
Operator : wrd Inst ID: B.i
Smp Info : ic 393946
Misc Info : 200,1, level 7
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
Cal Date : 01-NOV-2012 00:08 Cal File: bku010.d
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.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	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	2.965	2.965	(0.325)	295654	40.0000	36
2 Dichlorodifluoromethane	85	3.013	3.013	(0.330)	2103237	40.0000	35
3 Chlorodifluoromethane	51	3.045	3.045	(0.334)	810766	40.0000	35
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.351)	2045053	40.0000	34
5 Chloromethane	50	3.307	3.301	(0.363)	436707	40.0000	35
6 Butane	43	3.451	3.446	(0.378)	734513	40.0000	34
7 Vinyl chloride	62	3.478	3.478	(0.381)	621259	40.0000	34
8 1,3-Butadiene	54	3.531	3.531	(0.387)	450825	40.0000	35
9 Bromomethane	94	4.070	4.065	(0.446)	971279	40.0000	36
10 Chloroethane	64	4.262	4.262	(0.467)	449495	40.0000	38
11 2-Methylbutane	43	4.337	4.337	(0.476)	823199	40.0000	36
12 Vinyl bromide	106	4.630	4.625	(0.508)	1250416	40.0000	38
13 Trichlorofluoromethane	101	4.726	4.716	(0.518)	3379069	40.0000	36
14 Pentane	43	4.855	4.844	(0.532)	1352576	40.0000	36

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.223	5.223	(0.573)	754772	100.000	97
16 Ethyl ether	59	5.319	5.324	(0.583)	782637	40.0000	37
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.714	5.708	(0.627)	2510482	40.0000	35
18 Acrolein	56	5.666	5.671	(0.621)	391651	40.0000	38
19 1,1-Dichloroethene	96	5.772	5.767	(0.633)	1241788	40.0000	37
20 Acetone	43	5.943	5.943	(0.652)	1318667	40.0000	34
21 Carbon disulfide	76	6.178	6.178	(0.678)	3478263	40.0000	37
22 Isopropanol	45	6.221	6.221	(0.682)	1026538	40.0000	36
23 Allyl chloride	41	6.461	6.450	(0.709)	1055782	40.0000	37
24 Acetonitrile	41	6.530	6.530	(0.716)	597530	40.0000	36
25 Methylene chloride	49	6.717	6.712	(0.737)	942030	40.0000	35
26 Tert-butyl alcohol	59	6.920	6.936	(0.759)	1901949	40.0000	37
27 Methyl tert-butyl ether	73	7.085	7.091	(0.777)	3538865	40.0000	36
28 1,2-Dichloroethene (trans)	61	7.117	7.112	(0.781)	1520656	40.0000	34
29 Acrylonitrile	53	7.197	7.197	(0.789)	719269	40.0000	40(A)
30 n-Hexane	57	7.448	7.443	(0.817)	1601354	40.0000	36
31 1,1-Dichloroethane	63	7.849	7.843	(0.861)	1938868	40.0000	35
32 Vinyl acetate	43	7.881	7.875	(0.864)	2244528	40.0000	37
M 33 1,2-Dichloroethene,Total	61				2894365	80.0000	70
34 1,2-Dichloroethene (cis)	96	8.750	8.750	(0.960)	1373709	40.0000	36
35 Ethyl acetate	88	8.788	8.788	(0.964)	118346	40.0000	38
36 Methyl Ethyl Ketone	72	8.761	8.761	(0.961)	559035	40.0000	34(Q)
* 37 Bromochloromethane	128	9.119	9.113	(1.000)	393114	10.0000	
38 Tetrahydrofuran	42	9.145	9.151	(0.868)	929814	40.0000	37
39 Chloroform	83	9.199	9.193	(1.009)	2721371	40.0000	36
40 Cyclohexane	84	9.450	9.450	(0.897)	1720666	40.0000	36
41 1,1,1-Trichloroethane	97	9.444	9.434	(0.897)	3029744	40.0000	36
42 Carbon tetrachloride	117	9.647	9.642	(0.916)	3418251	40.0000	36
43 2,2,4-Trimethylpentane	57	9.935	9.930	(0.943)	4728555	40.0000	35
44 Benzene	78	9.973	9.967	(0.947)	3667474	40.0000	35
45 1,2-Dichloroethane	62	10.074	10.074	(0.956)	1637873	40.0000	36
46 n-Heptane	43	10.202	10.202	(0.969)	1529292	40.0000	35
* 47 1,4-Difluorobenzene	114	10.533	10.522	(1.000)	1795208	10.0000	
48 n-Butanol	56	10.800	10.821	(1.025)	553691	40.0000	40(A)
49 Trichloroethene	95	10.885	10.885	(1.033)	1854164	40.0000	35
50 1,2-Dichloropropane	63	11.253	11.248	(1.068)	1200915	40.0000	35
51 Methyl methacrylate	69	11.323	11.323	(1.075)	1364030	40.0000	40
52 Dibromomethane	174	11.440	11.435	(1.086)	2104018	40.0000	38
53 1,4-Dioxane	88	11.419	11.430	(1.084)	566594	40.0000	36
54 Bromodichloromethane	83	11.622	11.616	(1.103)	3039618	40.0000	37
55 1,3-Dichloropropene (cis)	75	12.246	12.241	(1.163)	2211230	40.0000	39
56 Methyl isobutyl ketone	43	12.422	12.428	(1.179)	2052646	40.0000	38
57 n-Octane	43	12.684	12.678	(1.204)	1847822	40.0000	31
58 Toluene	92	12.668	12.668	(0.864)	2818353	40.0000	35
59 1,3-Dichloropropene (trans)	75	13.047	13.041	(1.239)	2374334	40.0000	38
60 1,1,2-Trichloroethane	83	13.308	13.303	(0.908)	1402031	40.0000	37
61 Tetrachloroethene	166	13.442	13.431	(0.917)	3190045	40.0000	37

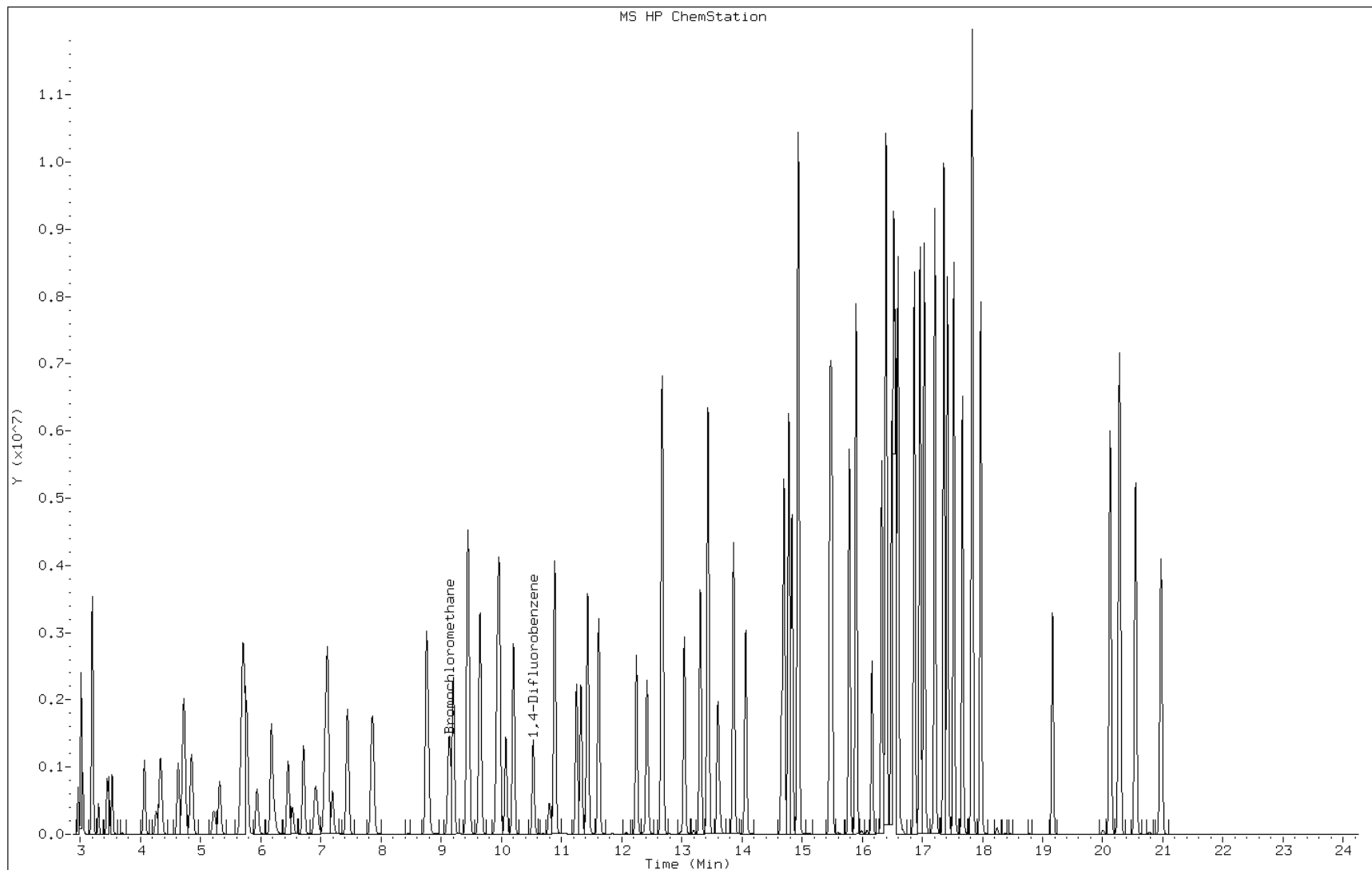
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.602	13.607	(0.928)	2020343	40.0000	39
63 Dibromochloromethane	129	13.863	13.858	(0.945)	3649569	40.0000	39
64 1,2-Dibromoethane	107	14.066	14.061	(0.959)	3014545	40.0000	38
* 65 Chlorobenzene-d5	117	14.664	14.658	(1.000)	1609887	10.0000	
66 Chlorobenzene	112	14.701	14.696	(1.003)	4464389	40.0000	37
67 n-Nonane	57	14.835	14.829	(1.012)	2209489	40.0000	34
68 Ethylbenzene	91	14.781	14.776	(1.008)	6591703	40.0000	36
69 Xylene (m,p)	106	14.941	14.936	(1.019)	5110876	80.0000	68
M 70 Xylenes, Total	106				7754575	40.0000	100
71 Xylene (o)	106	15.470	15.464	(1.055)	2643699	40.0000	36
72 Styrene	104	15.496	15.491	(1.057)	4190241	40.0000	38
73 Bromoform	173	15.790	15.784	(1.077)	3815442	40.0000	39
74 Isopropylbenzene	105	15.902	15.897	(1.084)	7755547	40.0000	36
75 1,1,2,2-Tetrachloroethane	83	16.329	16.323	(1.114)	3379173	40.0000	34
76 n-Propylbenzene	91	16.393	16.388	(1.118)	7639208	40.0000	32
77 1,2,3-Trichloropropane	75	16.409	16.398	(1.119)	2263749	40.0000	32
78 n-Decane	57	16.494	16.489	(1.125)	2582284	40.0000	32
79 4-Ethyltoluene	105	16.526	16.521	(1.127)	7315933	40.0000	33
80 2-Chlorotoluene	91	16.558	16.553	(1.129)	6595022	40.0000	34
81 1,3,5-Trimethylbenzene	105	16.601	16.590	(1.132)	6361517	40.0000	34
82 Alpha Methyl Styrene	118	16.868	16.863	(1.150)	3689881	40.0000	40
83 tert-butylbenzene	119	16.964	16.959	(1.157)	6429539	40.0000	35
84 1,2,4-Trimethylbenzene	105	17.033	17.028	(1.162)	6573817	40.0000	35
85 sec-Butylbenzene	105	17.209	17.204	(1.174)	9026760	40.0000	33
86 4-Isopropyltoluene	119	17.359	17.354	(1.184)	8098460	40.0000	35
87 1,3-Dichlorobenzene	146	17.423	17.418	(1.188)	5045492	40.0000	36
88 1,4-Dichlorobenzene	146	17.524	17.524	(1.195)	5123301	40.0000	35
89 Benzyl chloride	91	17.668	17.668	(1.205)	6195399	40.0000	39
90 Undecane	57	17.823	17.823	(1.215)	2349873	40.0000	30
91 n-Butylbenzene	91	17.839	17.834	(1.217)	5754156	40.0000	30
92 1,2-Dichlorobenzene	146	17.973	17.973	(1.226)	4904000	40.0000	36
93 Dodecane	57	19.163	19.163	(1.307)	1516528	40.0000	23
94 1,2,4-Trichlorobenzene	180	20.123	20.118	(1.372)	3515403	40.0000	33
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	2839357	40.0000	26
96 Naphthalene	128	20.545	20.545	(1.401)	7655263	40.0000	35
97 1,2,3-Trichlorobenzene	180	20.967	20.967	(1.430)	2598479	40.0000	27

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: bku010.d
Client ID: ic 393946
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393946
Lab Sample ID: ic 393946

Date: 01-NOV-2012 00:08
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 51182

SDG No.: _____

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	++++ 0.1911	++++ 0.1969	0.2144 0.1960	0.1911	0.2057	Ave		0.1992				4.6		30.0			
Dichlorodifluoromethane	++++ 1.4986	++++ 1.4981	1.5041 1.4466	1.5657	1.6208	Ave		1.5223				4.0		30.0			
Freon 22	++++ 0.6257	++++ 0.6286	0.6517 0.6214	0.6373	0.6786	Ave		0.6406				3.4		30.0			
n-Butane	++++ 0.4161	++++ 0.4136	0.4355 0.4165	0.4139	0.4451	Ave		0.4234				3.2		30.0			
1,2-Dichlorotetrafluoroethane	++++ 1.4943	1.5191 1.4790	1.4757 1.4215	1.5715	1.6309	Ave		1.5131				4.6		30.0			
Chloromethane	++++ 0.3116	++++ 0.3062	0.3378 0.3106	0.3132	0.3314	Ave		0.3185				4.0		30.0			
1,3-Butadiene	++++ 0.2519	0.2615 0.2541	0.2512 0.2519	0.2473	0.2661	Ave		0.2549				2.6		30.0			
Vinyl chloride	0.5134 0.3992	0.4182 0.4043	0.3975 0.4076	0.4083	0.4317	Ave		0.4225				9.1		30.0			
Acrolein	++++ 0.1081	++++ 0.1073	++++ 0.1149	0.1032	0.1031	Ave		0.1073				4.5		30.0			
Bromomethane	++++ 0.5595	0.5772 0.5611	0.5974 0.5693	0.5771	0.6065	Ave		0.5783				3.1		30.0			
n-Pentane	++++ 0.4913	++++ 0.4983	0.4571 0.4850	0.4897	0.5258	Ave		0.4912				4.5		30.0			
Chloroethane	++++ 0.1643	++++ 0.1688	0.1736 0.1723	0.1703	0.1789	Ave		0.1714				2.9		30.0			
Isopentane	++++ 0.3014	0.4357 0.3030	0.3154 0.3044	0.3024	0.3219	Ave		0.3263				15.0		30.0			
Bromoethene (Vinyl Bromide)	++++ 0.6588	0.6612 0.6621	0.6589 0.6532	0.6736	0.7119	Ave		0.6685				3.0		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.: 480-32226-1 Analy Batch No.: 51182

SDG No.: _____

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Trichlorofluoromethane	+++++ 1.7771	1.8522 1.7667	1.7631 1.7323	1.8342	1.9248	Ave		1.8072				3.7		30.0			
Ethanol	+++++ 0.1016	+++++ 0.0990	0.1075 0.1016	0.0983	0.1319	Ave		0.1066				12.0		30.0			
Ethyl ether	+++++ 0.2161	0.2226 0.2167	0.2033 0.2315	0.2104	0.2069	Ave		0.2154				4.5		30.0			
Freon TF	+++++ 1.1992	1.2596 1.1955	1.2075 1.1486	1.2467	1.3083	Ave		1.2236				4.3		30.0			
1,1-Dichloroethene	+++++ 0.4963	0.5695 0.4952	0.5242 0.4704	0.5168	0.5369	Ave		0.5156				6.3		30.0			
Acetone	+++++ 0.4510	+++++ 0.4377	+++++ 0.4785	0.5061	0.4331	Ave		0.4613				6.6		30.0			
tert-Butyl alcohol	+++++ 0.5913	+++++ 0.5883	+++++ 0.6095	0.5805	0.5788	Ave		0.5897				2.1		30.0			
Carbon disulfide	+++++ 1.4515	+++++ 1.4662	1.4671 1.4790	1.4648	1.5691	Ave		1.4829				2.9		30.0			
Isopropyl alcohol	+++++ 0.3207	+++++ 0.3123	+++++ 0.3238	0.3162	0.3093	Ave		0.3165				1.9		30.0			
3-Chloropropene	+++++ 0.3836	0.4756 0.3523	0.3077 0.3745	0.3515	0.4002	Ave		0.3779				13.8		30.0			
Ethyl acetate	+++++ 0.0342	+++++ 0.0325	+++++ 0.0364	0.0321	0.0305	Ave		0.0331				6.8		30.0			
Acetonitrile	+++++ 0.2046	+++++ 0.1865	+++++ 0.1792	0.1878	0.2022	Ave		0.1921				5.7		30.0			
Methylene Chloride	+++++ 0.4072	+++++ 0.4103	0.4594 0.4099	0.4152	0.4409	Ave		0.4238				5.0		30.0			
Methyl tert-butyl ether	+++++ 1.1350	1.2538 1.1091	1.1606 1.1737	1.1308	1.1099	Ave		1.1533				4.4		30.0			
trans-1,2-Dichloroethene	+++++ 0.6238	0.6798 0.6269	0.6486 0.6076	0.6552	0.6817	Ave		0.6462				4.4		30.0			
Acrylonitrile	+++++ 0.2108	+++++ 0.2104	0.2052 0.2255	0.1981	0.1955	Ave		0.2076				5.2		30.0			
n-Hexane	+++++ 0.5053	0.5091 0.5070	0.4799 0.5082	0.5055	0.5386	Ave		0.5077				3.4		30.0			
1,1-Dichloroethane	+++++ 0.8385	0.8270 0.8319	0.8343 0.8266	0.8597	0.8779	Ave		0.8423				2.3		30.0			
Vinyl acetate	+++++ 0.6459	+++++ 0.6310	+++++ 0.7289	0.6147	0.5832	Ave		0.6408				8.5		30.0			
cis-1,2-Dichloroethene	+++++ 0.7458	0.8559 0.7375	0.8068 0.6997	0.7797	0.7829	Ave		0.7726				6.6		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 51182

SDG No.: _____

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl Ethyl Ketone	++++ 0.1956	++++ 0.1873	0.2228 0.2075	0.1947	0.1794	Ave		0.1979				7.8		30.0			
Tetrahydrofuran	++++ 0.0622	++++ 0.0604	0.0566 0.0644	0.0566	0.0542	Ave		0.0596				6.9		30.0			
Chloroform	++++ 1.6275	1.7573 1.6080	1.6373 1.5578	1.6881	1.6741	Ave		1.6500				3.9		30.0			
1,1,1-Trichloroethane	++++ 0.3628	0.3386 0.3641	0.3296 0.3323	0.3509	0.3612	Ave		0.3485				4.3		30.0			
Cyclohexane	++++ 0.1735	0.1773 0.1732	0.1499 0.1542	0.1650	0.1753	Ave		0.1669				6.5		30.0			
Benzene	++++ 0.3956	0.4368 0.3960	0.4002 0.3712	0.4095	0.3699	Ave		0.3970				5.8		30.0			
2,2,4-Trimethylpentane	++++ 0.4722	0.4700 0.4798	0.4434 0.4525	0.4703	0.4739	Ave		0.4660				2.8		30.0			
1,2-Dichloroethane	++++ 0.1656	0.1785 0.1652	0.1656 0.1640	0.1729	0.1472	Ave		0.1656				5.8		30.0			
n-Heptane	++++ 0.1470	0.1582 0.1480	0.1485 0.1432	0.1522	0.1410	Ave		0.1483				3.8		30.0			
Carbon tetrachloride	0.4789 0.4483	0.3851 0.4515	0.3711 0.4337	0.4191	0.4433	Ave		0.4289				8.4		30.0			
n-Butanol	++++ 0.0430	++++ 0.0436	++++ 0.0460	0.0404	0.0383	Ave		0.0422				7.0		30.0			
1,2-Dichloropropane	++++ 0.1653	0.1783 0.1648	0.1604 0.1658	0.1666	0.1504	Ave		0.1645				5.0		30.0			
Methyl methacrylate	++++ 0.1314	++++ 0.1275	0.1035 0.1415	0.1239	0.1108	Ave		0.1231				11.3		30.0			
1,4-Dioxane	++++ 0.0706	++++ 0.0651	++++ 0.0616	0.0735	0.0625	Ave		0.0667				7.8		30.0			
Dibromomethane	++++ 0.2710	0.3125 0.2606	0.3067 0.2295	0.3194	0.2461	Ave		0.2780				12.7		30.0			
Bromodichloromethane	++++ 0.4115	0.4071 0.4029	0.3869 0.4090	0.4303	0.3639	Ave		0.4016				5.2		30.0			
Trichloroethene	0.3106 0.2542	0.2905 0.2461	0.2733 0.2295	0.2831	0.2293	Ave		0.2646				11.2		30.0			
cis-1,3-Dichloropropene	++++ 0.2549	0.2614 0.2452	0.2402 0.2592	0.2644	0.2078	Ave		0.2476				7.9		30.0			
methyl isobutyl ketone	++++ 0.2229	++++ 0.2110	0.1749 0.2409	0.2123	0.1847	Ave		0.2078				11.7		30.0			
Toluene	++++ 0.3791	++++ 0.4082 0.3452	0.3882 0.3616	0.4023	0.3215	Ave		0.3723				8.4		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 51182

SDG No.: _____

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	++++ 0.2583	0.2976 0.2557	0.2516 0.2554	0.2553	0.2330	Ave		0.2581				7.5		30.0			
trans-1,3-Dichloropropene	++++ 0.2334	0.2057 0.2211	0.1993 0.2480	0.2242	0.1822	Ave		0.2163				10.2		30.0			
1,1,2-Trichloroethane	++++ 0.1725	0.1877 0.1568	0.1790 0.1668	0.1871	0.1433	Ave		0.1705				9.5		30.0			
Tetrachloroethene	++++ 0.3915	0.4694 0.3516	0.4749 0.3357	0.4674	0.3362	Ave		0.4038				16.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	++++ 0.1746	++++ 0.1619	0.1271 0.1856	0.1763	0.1396	Ave		0.1608				14.3		30.0			
Dibromochloromethane	++++ 0.4466	0.3994 0.4038	0.3913 0.4303	0.4766	0.3597	Ave		0.4154				9.3		30.0			
1,2-Dibromoethane	++++ 0.3368	0.3403 0.3012	0.3394 0.3236	0.3801	0.2573	Ave		0.3255				11.7		30.0			
Chlorobenzene	++++ 0.5335	0.5817 0.4793	0.5554 0.5148	0.5849	0.4257	Ave		0.5251				11.0		30.0			
Ethylbenzene	++++ 0.7442	0.6765 0.6795	0.6714 0.7392	0.7640	0.6160	Ave		0.6987				7.5		30.0			
n-Nonane	++++ 0.2430	0.2367 0.2234	0.2252 0.2262	0.2543	0.2078	Ave		0.2310				6.5		30.0			
m,p-Xylene	++++ 0.3159	0.2867 0.2860	0.2958 0.2878	0.3346	0.2669	Ave		0.2963				7.5		30.0			
Xylene, o-	++++ 0.3461	0.2970 0.3192	0.3066 0.3326	0.3550	0.2951	Ave		0.3217				7.4		30.0			
Styrene	++++ 0.4434	0.3011 0.3997	0.3103 0.4436	0.4374	0.3479	Ave		0.3834				16.4		30.0			
n-Undecane	++++ 0.2275	++++ 0.2141	++++ 0.2276	0.2431	0.1716	Ave		0.2168				12.6		30.0			
Bromoform	++++ 0.3711	0.2755 0.3305	0.2917 0.3411	0.3892	0.2954	Ave		0.3278				13.0		30.0			
Cumene	++++ 0.9317	0.7897 0.8628	0.8038 0.9072	0.9388	0.7838	Ave		0.8597				7.9		30.0			
1,1,2,2-Tetrachloroethane	++++ 0.4369	0.3712 0.3987	0.3850 0.4226	0.4547	0.3630	Ave		0.4046				8.5		30.0			
1,2,3-Trichloropropane	++++ 0.2883	++++ 0.2633	0.2574 0.2849	0.2974	0.2354	Ave		0.2711				8.6		30.0			
n-Dodecane	++++ 0.1586	++++ 0.1434	++++ 0.0896	0.1618	0.1175	Ave		0.1342				22.7		30.0			
n-Propylbenzene	++++ 0.9346	0.6536 0.8566	0.7315 0.9007	0.9318	0.7626	Ave		0.8245				13.3		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 51182

SDG No.: _____

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	++++ 0.6382	0.5696 0.5766	0.5800 0.5624	0.6827	0.5392	Ave		0.5927				8.4		30.0			
4-Ethyltoluene	++++ 0.7945	0.5524 0.7197	0.6199 0.7110	0.8099	0.6592	Ave		0.6952				13.3		30.0			
n-Decane	++++ 0.2737	++++ 0.2519	0.2130 0.2574	0.2777	0.2212	Ave		0.2492				10.7		30.0			
1,3,5-Trimethylbenzene	++++ 0.7449	0.5395 0.6860	0.6126 0.7258	0.7453	0.6169	Ave		0.6673				11.9		30.0			
Alpha Methyl Styrene	++++ 0.3748	0.1700 0.3488	0.1944 0.3839	0.3352	0.2885	Ave		0.2993				28.7		30.0			
tert-Butylbenzene	++++ 0.7684	0.6417 0.7014	0.6966 0.7207	0.7998	0.6449	Ave		0.7105				8.3		30.0			
1,2,4-Trimethylbenzene	++++ 0.7110	0.4745 0.6529	0.5071 0.6930	0.7002	0.5782	Ave		0.6167				15.8		30.0			
sec-Butylbenzene	++++ 1.0579	0.7799 0.9658	0.8760 0.9835	1.0895	0.8813	Ave		0.9477				11.5		30.0			
4-Isopropyltoluene	++++ 0.8484	0.5822 0.7658	0.6605 0.7402	0.8808	0.7057	Ave		0.7405				14.0		30.0			
1,3-Dichlorobenzene	++++ 0.4167	0.3181 0.3736	0.3335 0.3638	0.4284	0.3229	Ave		0.3653				12.1		30.0			
1,4-Dichlorobenzene	++++ 0.4129	0.2941 0.3784	0.2810 0.4313	0.3871	0.2976	Ave		0.3546				17.5		30.0			
Benzyl chloride	++++ 0.3601	0.1576 0.3373	0.1701 0.4422	0.2929	0.2477	Ave		0.2868				36.0	*	30.0			
n-Butylbenzene	++++ 0.6205	0.3055 0.5734	0.3633 0.6316	0.5705	0.4741	Ave		0.5055				25.4		30.0			
1,2-Dichlorobenzene	++++ 0.4632	0.3299 0.4216	0.3419 0.4466	0.4574	0.3599	Ave		0.4029				14.2		30.0			
1,2,4-Trichlorobenzene	++++ 0.1592	++++ 0.1492	0.0669 0.1630	0.1267	0.1016	Ave		0.1278				29.4		30.0			
Hexachlorobutadiene	++++ 0.2368	0.2047 0.2085	0.2299 0.1744	0.2639	0.1979	Ave		0.2166				13.6		30.0			
Naphthalene	++++ 0.4214	++++ 0.3923	0.1947 0.3624	0.3424	0.2706	Ave		0.3306				25.4		30.0			
1,2,3-Trichlorobenzene	++++ 0.1737	++++ 0.1596	0.0894 0.1524	0.0909	0.1147	Ave		0.1329				25.8		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 480-32226-1 Analy Batch No.: 51182

SDG No.: _____

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 196807	++++ 269048	6854 529496	61052	137640	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	++++ 1542986	++++ 2047190	48077 3908031	500271	1084512	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	++++ 644222	++++ 859059	20830 1678795	203640	454065	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	++++ 428412	++++ 565188	13919 1125164	132247	297853	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1538564	++++ 2021068	47168 3840369	502134	1091292	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	++++ 320825	++++ 418488	10796 839214	100065	221722	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	++++ 259344	3344 347277	8030 680571	79016	178041	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1262 411034	5348 552530	12706 1101241	130466	288865	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	++++ 111256	++++ 146632	++++ 310309	32988	68974	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Bromomethane	BCM	Ave	++++ 576050	7381 766714	19095 1538110	184405	405815	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	++++ 505824	++++ 680966	14610 1310281	156477	351797	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	++++ 169137	++++ 230675	5550 465385	54405	119712	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	++++ 310380	5571 413991	10083 822242	96627	215374	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 678348	8455 904742	21061 1764580	215228	476381	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	++++ 1829754	23684 2414266	56357 4679795	586076	1287925	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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SDG No.: _____

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethanol	BCM	Ave	++++ 139496	++++ 270501	34353 686492	62801	132405	++++ 20.0	++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	++++ 222510	2847 296078	6497 625450	67242	138417	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	++++ 1234726	16106 1633617	38595 3102939	398370	875421	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	++++ 511004	7282 676726	16757 1270822	165139	359272	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	++++ 464365	++++ 598138	++++ 1292576	161712	289782	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	++++ 608815	++++ 803870	++++ 1646605	185484	387278	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	++++ 1494520	++++ 2003581	46894 3995474	468037	1049934	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	++++ 330207	++++ 426821	++++ 874784	101041	206984	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	++++ 394963	6082 481402	9835 1011813	112305	267780	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	++++ 35178	++++ 44432	++++ 98285	10266	20385	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Acetonitrile	BCM	Ave	++++ 210660	++++ 254815	++++ 484118	60007	135294	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	++++ 419278	++++ 560674	++++ 14684 1107284	132659	294999	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	++++ 1168606	16032 1515565	37096 3170794	361327	742689	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	++++ 642333	8692 856677	20732 1641544	209342	456145	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	++++ 217013	++++ 287572	6558 609126	63309	130838	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	++++ 520292	6510 692886	15338 1373028	161530	360360	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	++++ 863402	10575 1136768	26668 2233120	274701	587440	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	++++ 665081	++++ 862313	++++ 1969265	196429	390234	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	++++ 767952	10944 1007752	25788 1890266	249129	523876	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	++++ 201356	++++ 255887	7123 560456	62215	120024	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	++++ 352311	++++ 450125	++++ 971972	103976	214816	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0

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SDG No.: _____

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1675732	22470 2197351	52336 4208479	539383	1120182	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	++++ 2055494	25269 2715168	62285 5013757	644584	1430713	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	++++ 983156	13228 1291412	28326 2327109	303121	694287	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	++++ 2241338	32598 2953062	75622 5600784	752209	1464931	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	++++ 2675351	35076 3578163	83804 6827636	863820	1877108	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	++++ 938413	13321 1232325	31298 2475048	317566	583168	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	++++ 832838	11803 1103885	28062 2161127	279630	558586	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	6373 2539885	28736 3367152	70127 6544433	769926	1755583	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	++++ 243410	++++ 324843	++++ 693695	74161	151580	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	++++ 936301	13307 1229304	30315 2501336	306034	595831	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	++++ 744365	++++ 950683	19553 2135349	227661	438994	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	++++ 399880	++++ 485289	++++ 929324	135069	247519	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	++++ 1535564	23319 1943659	57952 3463590	586646	974791	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	++++ 2331117	30377 3004520	73121 6171036	790387	1441130	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	4134 1440153	21678 1835254	51655 3463614	519998	908076	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	++++ 1443958	19507 1828927	45397 3911513	485666	822934	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	++++ 1262643	++++ 1573531	33045 3635272	390059	731579	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	++++ 2355442	33049 2984754	75206 6292863	757088	1429451	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	++++ 1463468	22207 1906606	47544 3853805	468927	922879	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	++++ 1322397	15354 1648969	37673 3742163	411798	721771	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	++++ 1072039	15202 1356214	34684 2902740	352136	637200	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	++++ 2432751	38011 3040346	91996 5841713	879550	1494972	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 1084681	++++ 1399647	24630 3230219	331711	620645	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	++++ 2774780	32339 3492039	75808 7488107	896743	1599431	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	++++ 2092763	27552 2604025	65754 5631851	715196	1144181	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	++++ 3315242	47103 4144116	107607 8957816	1100661	1892738	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	++++ 4623948	54775 5875818	130083 12862696	1437669	2738648	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	++++ 1509682	19165 1931964	43638 3936620	478459	924058	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	++++ 3926002	46426 4945955	114600 10017533	1259292	2373700	++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	++++ 2150358	24051 2759994	59402 5788429	667951	1311990	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	++++ 2755451	24380 3456246	60108 7719142	823083	1546954	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	++++ 1413433	++++ 1851230	++++ 3961048	457396	762834	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Bromoform	CBZ	Ave	++++ 2305657	22304 2857688	56521 5935367	732331	1313279	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	++++ 5789185	63944 7460877	155726 15785641	1766426	3485054	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 2715011	30054 3447224	74583 7353016	855660	1613942	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	++++ 1791136	++++ 2276307	49877 4957525	559676	1046754	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	++++ 985198	++++ 1239890	++++ 1558555	304412	522413	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	++++ 5807268	52919 7406882	141713 15673037	1753250	3390600	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	++++ 3965516	46117 4986215	112362 9786044	1284655	2397241	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	++++ 4936991	44727 6223602	120099 12371889	1523994	2930972	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	++++ 1700844	++++ 2177991	41270 4478884	522624	983413	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 4628702	43685 5931961	118681 12630299	1402382	2742828	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Alpha Methyl Styrene	CBZ	Ave	+++++ 2328816	13763 3015618	37658 6680307	630713	1282549	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 4774447	51961 6065239	134955 12540499	1504992	2867233	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 4418007	38423 5645468	98238 12059152	1317522	2570728	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 6573749	63151 8350807	169713 17113405	2050070	3918598	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 5271509	47144 6621975	127954 12880055	1657392	3137813	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2589103	25757 3230902	64604 6329835	806031	1435688	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2565417	23813 3271595	54445 7505126	728443	1323255	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2237607	12762 2916346	32962 7694484	551116	1101455	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3855324	24734 4957878	70387 10990084	1073475	2108105	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2877914	26709 3645746	66229 7771994	860654	1600357	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 989134	+++++ 1289855	12964 2836368	238453	451567	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1471378	16577 1803126	44541 3033997	496657	879766	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2618422	+++++ 3392052	37712 6305790	644362	1202949	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1079501	7236 1379920	17602 2652144	281414	509923	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzto15.b/ggz003.d
Lab Smp Id: ic 439935
Inj Date : 25-JAN-2013 10:40
Operator : wrd
Smp Info : ic 439935
Misc Info : 40,1,level 08
Comment :
Method : /chem/G.i/Gsvr.p/ggzto15.b/to15v5.m
Meth Date : 26-Jan-2013 13:13 pd
Cal Date : 25-JAN-2013 10:40
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: G.i
Quant Type: ISTD
Cal File: ggzt003.d
Calibration Sample, Level: 8
Compound Sublist: allT015.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	40.00000	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	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (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	3.712	3.702	(0.363)	1262	0.04000	0.049(am)
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	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
15 Ethanol	45				Compound Not Detected.		
16 Ethyl ether	59				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		
18 Acrolein	56				Compound Not Detected.		
19 1,1-Dichloroethene	96				Compound Not Detected.		
20 Acetone	43				Compound Not Detected.		
21 Carbon disulfide	76				Compound Not Detected.		
22 Isopropanol	45				Compound Not Detected.		
23 Allyl chloride	41				Compound Not Detected.		
24 Acetonitrile	41				Compound Not Detected.		
25 Methylene chloride	49				Compound Not Detected.		
26 Tert-butyl alcohol	59				Compound Not Detected.		
27 Methyl tert-butyl ether	73				Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61				Compound Not Detected.		
29 Acrylonitrile	53				Compound Not Detected.		
30 n-Hexane	57				Compound Not Detected.		
31 1,1-Dichloroethane	63				Compound Not Detected.		
32 Vinyl acetate	43				Compound Not Detected.		
M 33 1,2-Dichloroethene,Total	61				Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96				Compound Not Detected.		
35 Ethyl acetate	88				Compound Not Detected.		
36 Methyl Ethyl Ketone	72				Compound Not Detected.		
* 37 Bromochloromethane	128	10.239	10.244	(1.000)	614548	10.0000	
38 Tetrahydrofuran	42				Compound Not Detected.		
39 Chloroform	83				Compound Not Detected.		
40 Cyclohexane	84				Compound Not Detected.		
41 1,1,1-Trichloroethane	97				Compound Not Detected.		
42 Carbon tetrachloride	117	10.967	10.972	(0.894)	6373	0.04000	0.045(a)
43 2,2,4-Trimethylpentane	57				Compound Not Detected.		
44 Benzene	78				Compound Not Detected.		
45 1,2-Dichloroethane	62				Compound Not Detected.		
46 n-Heptane	43				Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	12.267	12.272	(1.000)	3326951	10.0000	
48 n-Butanol	56				Compound Not Detected.		
49 Trichloroethene	95	12.759	12.769	(1.040)	4134	0.04000	0.047(a)
50 1,2-Dichloropropane	63				Compound Not Detected.		
51 Methyl methacrylate	69				Compound Not Detected.		
52 Dibromomethane	174				Compound Not Detected.		
53 1,4-Dioxane	88				Compound Not Detected.		
54 Bromodichloromethane	83				Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75				Compound Not Detected.		
56 Methyl isobutyl ketone	43				Compound Not Detected.		
57 n-Octane	43				Compound Not Detected.		
58 Toluene	92				Compound Not Detected.		
59 1,3-Dichloropropene (trans)	75				Compound Not Detected.		
60 1,1,2-Trichloroethane	83				Compound Not Detected.		
61 Tetrachloroethene	166				Compound Not Detected.		

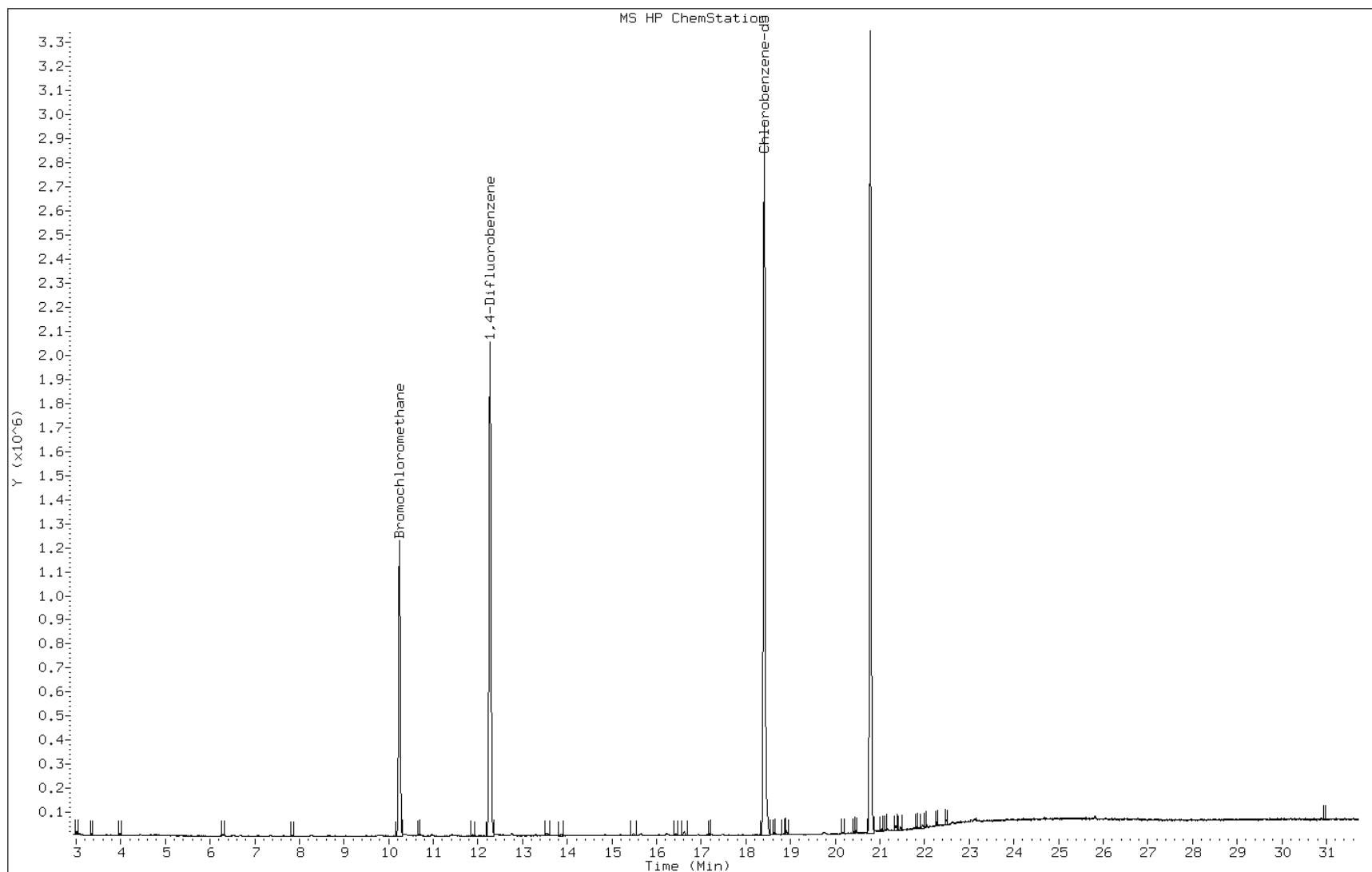
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	18.408	18.413	(1.000)	3588867	10.0000	
66 Chlorobenzene	112				Compound Not Detected.		
67 n-Nonane	57				Compound Not Detected.		
68 Ethylbenzene	91				Compound Not Detected.		
69 Xylene (m,p)	106				Compound Not Detected.		
M 70 Xylenes, Total	106				Compound Not Detected.		
71 Xylene (o)	106				Compound Not Detected.		
72 Styrene	104				Compound Not Detected.		
73 Bromoform	173				Compound Not Detected.		
74 Isopropylbenzene	105				Compound Not Detected.		
75 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
76 n-Propylbenzene	91				Compound Not Detected.		
77 1,2,3-Trichloropropane	75				Compound Not Detected.		
78 n-Decane	57				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.		
82 Alpha Methyl Styrene	118				Compound Not Detected.		
83 tert-butylbenzene	119				Compound Not Detected.		
84 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
85 sec-Butylbenzene	105				Compound Not Detected.		
86 4-Isopropyltoluene	119				Compound Not Detected.		
87 1,3-Dichlorobenzene	146				Compound Not Detected.		
88 1,4-Dichlorobenzene	146				Compound Not Detected.		
89 Benzyl chloride	91				Compound Not Detected.		
90 Undecane	57				Compound Not Detected.		
91 n-Butylbenzene	91				Compound Not Detected.		
92 1,2-Dichlorobenzene	146				Compound Not Detected.		
93 Dodecane	57				Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225				Compound Not Detected.		
96 Naphthalene	128				Compound Not Detected.		
97 1,2,3-Trichlorobenzene	180				Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: ggz003.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 439935
Lab Sample ID: ic 439935

Date: 25-JAN-2013 10:40
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



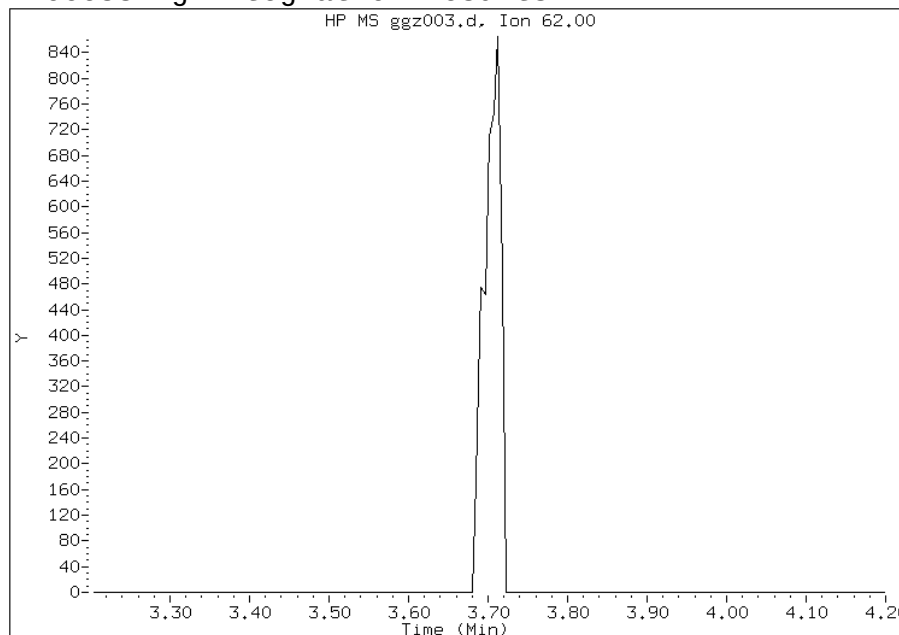
Manual Integration Report

Data File: ggz003.d
Lab Sample ID: ic 439935
Inj. Date and Time: 25-JAN-2013 10:40
Instrument ID: G.i
Client ID:
Compound: 7 Vinyl chloride
CAS #: 75-01-4
Report Date: 01/26/2013

Not Detected

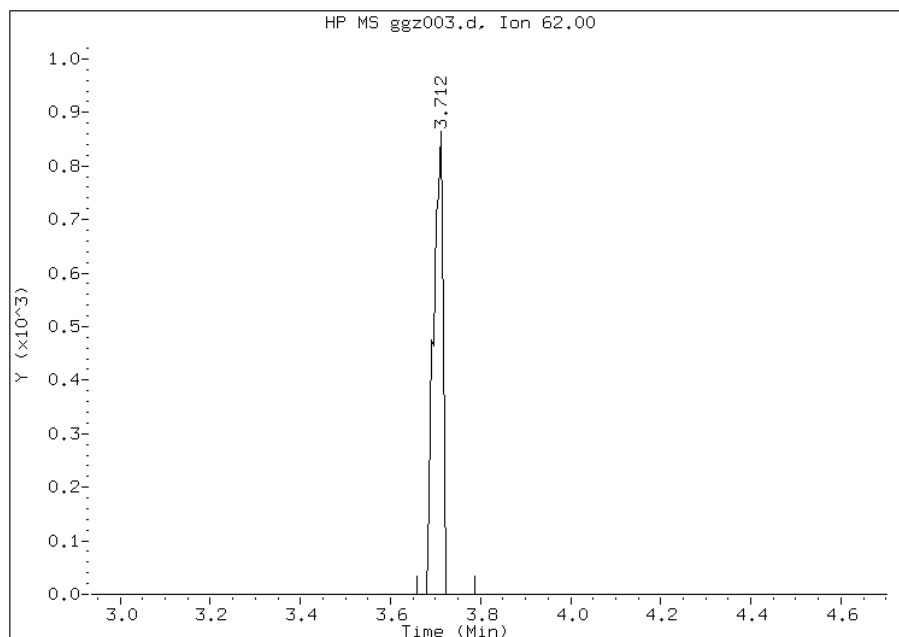
Expected RT: 3.70

Processing Integration Results



Manual Integration Results

RT: 3.71
Response: 1262
Amount: 0.048600
Conc: 0.048600



File Uploaded By: pd
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzto15.b/ggz004.d
Lab Smp Id: ic 439935
Inj Date : 25-JAN-2013 11:31
Operator : wrd
Smp Info : ic 439935
Misc Info : 200,1,level 01
Comment :
Method : /chem/G.i/Gsvr.p/ggzto15.b/to15v5.m
Meth Date : 26-Jan-2013 13:13 pd
Cal Date : 25-JAN-2013 11:31
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: G.i
Quant Type: ISTD
Cal File: ggzt004.d
Calibration Sample, Level: 1
Compound Sublist: allT015.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						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41		3.006	3.006 (0.294)		3707	0.20000	0.29(a)
2 Dichlorodifluoromethane	85		3.076	3.076 (0.300)		20493	0.20000	0.21(a)
3 Chlorodifluoromethane	51		3.124	3.119 (0.305)		9355	0.20000	0.23(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.338	3.338 (0.326)		19425	0.20000	0.20
5 Chloromethane	50		3.456	3.461 (0.337)		5051	0.20000	0.25(a)
6 Butane	43		Compound Not Detected.					
7 Vinyl chloride	62		3.696	3.702 (0.361)		5348	0.20000	0.20
8 1,3-Butadiene	54		3.777	3.782 (0.369)		3344	0.20000	0.21
9 Bromomethane	94		4.435	4.440 (0.433)		7381	0.20000	0.20
10 Chloroethane	64		4.675	4.681 (0.457)		2309	0.20000	0.21(aQ)
11 2-Methylbutane	43		4.788	4.793 (0.468)		5571	0.20000	0.27(Q)
12 Vinyl bromide	106		5.071	5.071 (0.495)		8455	0.20000	0.20
13 Trichlorofluoromethane	101		5.194	5.200 (0.507)		23684	0.20000	0.20
14 Pentane	43		Compound Not Detected.					

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.735	5.729 (0.560)		7161	0.20000	1.1(a)
16 Ethyl ether	59	5.874	5.863 (0.574)		2847	0.20000	0.21(Q)
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.291	6.291 (0.614)		16106	0.20000	0.21
18 Acrolein	56	Compound Not Detected.					
19 1,1-Dichloroethene	96	6.307	6.302 (0.616)		7282	0.20000	0.22
20 Acetone	43	6.494	6.489 (0.634)		46101	0.20000	1.6(a)
21 Carbon disulfide	76	6.681	6.681 (0.653)		22719	0.20000	0.24(a)
22 Isopropanol	45	6.831	6.815 (0.667)		4921	0.20000	0.24(a)
23 Allyl chloride	41	7.067	7.077 (0.690)		6082	0.20000	0.25(a)
24 Acetonitrile	41	7.125	7.120 (0.696)		2905	0.20000	0.24(a)
25 Methylene chloride	49	7.356	7.361 (0.718)		8114	0.20000	0.30(a)
26 Tert-butyl alcohol	59	Compound Not Detected.					
27 Methyl tert-butyl ether	73	7.837	7.816 (0.765)		16032	0.20000	0.22
28 1,2-Dichloroethene (trans)	61	7.821	7.832 (0.764)		8692	0.20000	0.21
29 Acrylonitrile	53	7.896	7.901 (0.771)		3309	0.20000	0.25(a)
30 n-Hexane	57	8.265	8.270 (0.807)		6510	0.20000	0.20(TQ)
31 1,1-Dichloroethane	63	8.666	8.677 (0.846)		10575	0.20000	0.20
32 Vinyl acetate	43	8.768	8.773 (0.856)		7397	0.20000	0.18(a)
M 33 1,2-Dichloroethene,Total	61				19636	0.40000	0.43
34 1,2-Dichloroethene (cis)	96	9.790	9.790 (0.956)		10944	0.20000	0.22
35 Ethyl acetate	88	Compound Not Detected.					
36 Methyl Ethyl Ketone	72	9.822	9.816 (0.959)		5795	0.20000	0.46(aQ)
* 37 Bromochloromethane	128	10.239	10.244 (1.000)		639345	10.0000	
38 Tetrahydrofuran	42	10.309	10.276 (0.840)		5016	0.20000	0.23(a)
39 Chloroform	83	10.378	10.394 (1.014)		22470	0.20000	0.21
40 Cyclohexane	84	10.710	10.715 (0.873)		13228	0.20000	0.21
41 1,1,1-Trichloroethane	97	10.688	10.699 (0.871)		25269	0.20000	0.19(a)
42 Carbon tetrachloride	117	10.967	10.972 (0.894)		28736	0.20000	0.18(a)
43 2,2,4-Trimethylpentane	57	11.475	11.469 (0.935)		35076	0.20000	0.20
44 Benzene	78	11.411	11.411 (0.930)		32598	0.20000	0.22
45 1,2-Dichloroethane	62	11.555	11.560 (0.942)		13321	0.20000	0.22
46 n-Heptane	43	11.881	11.881 (0.969)		11803	0.20000	0.21
* 47 1,4-Difluorobenzene	114	12.267	12.272 (1.000)		3731329	10.0000	
48 n-Butanol	56	12.684	12.657 (1.034)		6061	0.20000	0.38(a)
49 Trichloroethene	95	12.769	12.769 (1.041)		21678	0.20000	0.22
50 1,2-Dichloropropane	63	13.288	13.294 (1.083)		13307	0.20000	0.22
51 Methyl methacrylate	69	13.524	13.513 (1.102)		8645	0.20000	0.19(a)
52 Dibromomethane	174	13.545	13.550 (1.104)		23319	0.20000	0.22
53 1,4-Dioxane	88	13.572	13.540 (1.106)		6102	0.20000	0.25(a)
54 Bromodichloromethane	83	13.866	13.871 (1.130)		30377	0.20000	0.20
55 1,3-Dichloropropene (cis)	75	14.850	14.850 (1.211)		19507	0.20000	0.21
56 Methyl isobutyl ketone	43	15.155	15.145 (1.236)		14836	0.20000	0.19(a)
57 n-Octane	43	15.642	15.648 (1.275)		22207	0.20000	0.23(a)
58 Toluene	92	15.476	15.487 (0.841)		33049	0.20000	0.22
59 1,3-Dichloropropene (trans)	75	16.059	16.059 (1.309)		15354	0.20000	0.19(a)
60 1,1,2-Trichloroethane	83	16.423	16.423 (0.892)		15202	0.20000	0.22
61 Tetrachloroethene	166	16.621	16.621 (0.903)		38011	0.20000	0.23

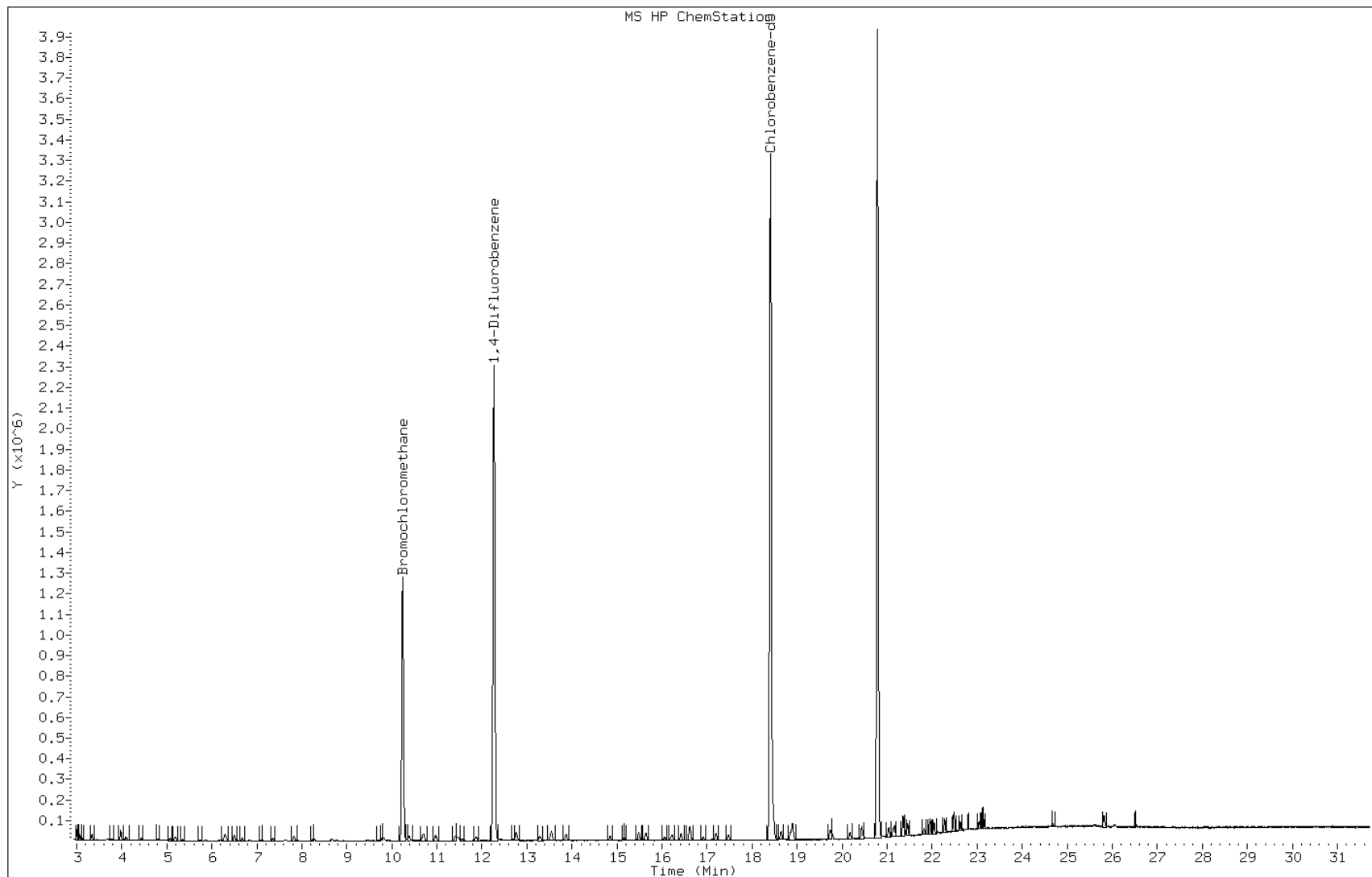
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	16.910	16.899	(0.919)	13322	0.20000	0.20(a)
63 Dibromochloromethane	129	17.204	17.204	(0.935)	32339	0.20000	0.19(a)
64 1,2-Dibromoethane	107	17.472	17.472	(0.949)	27552	0.20000	0.21
* 65 Chlorobenzene-d5	117	18.408	18.413	(1.000)	4048542	10.0000	
66 Chlorobenzene	112	18.472	18.472	(1.003)	47103	0.20000	0.22
67 n-Nonane	57	18.847	18.852	(1.024)	19165	0.20000	0.20
68 Ethylbenzene	91	18.649	18.649	(1.013)	54775	0.20000	0.19(a)
69 Xylene (m,p)	106	18.900	18.900	(1.027)	46426	0.40000	0.39(a)
M 70 Xylenes, Total	106				70477	0.20000	0.57
71 Xylene (o)	106	19.735	19.735	(1.072)	24051	0.20000	0.18(a)
72 Styrene	104	19.783	19.777	(1.075)	24380	0.20000	0.16(a)
73 Bromoform	173	20.168	20.173	(1.096)	22304	0.20000	0.17(a)
74 Isopropylbenzene	105	20.441	20.441	(1.110)	63944	0.20000	0.18(a)
75 1,1,2,2-Tetrachloroethane	83	21.035	21.040	(1.143)	30054	0.20000	0.18(a)
76 n-Propylbenzene	91	21.163	21.163	(1.150)	52919	0.20000	0.16(a)
77 1,2,3-Trichloropropane	75	21.126	21.131	(1.148)	20734	0.20000	0.19(a)
78 n-Decane	57	21.388	21.393	(1.162)	15519	0.20000	0.15(a)
79 4-Ethyltoluene	105	21.350	21.356	(1.160)	44727	0.20000	0.16(a)
80 2-Chlorotoluene	91	21.350	21.350	(1.160)	46117	0.20000	0.19(a)
81 1,3,5-Trimethylbenzene	105	21.457	21.463	(1.166)	43685	0.20000	0.16(a)
82 Alpha Methyl Styrene	118	21.821	21.821	(1.185)	13763	0.20000	0.11(a)
83 tert-butylbenzene	119	21.950	21.949	(1.192)	51961	0.20000	0.18(a)
84 1,2,4-Trimethylbenzene	105	22.040	22.046	(1.197)	38423	0.20000	0.15(a)
85 sec-Butylbenzene	105	22.281	22.281	(1.210)	63151	0.20000	0.16(a)
86 4-Isopropyltoluene	119	22.479	22.479	(1.221)	47144	0.20000	0.16(a)
87 1,3-Dichlorobenzene	146	22.495	22.495	(1.222)	25757	0.20000	0.17(a)
88 1,4-Dichlorobenzene	146	22.624	22.624	(1.229)	23813	0.20000	0.17(a)
89 Benzyl chloride	91	22.800	22.800	(1.239)	12762	0.20000	0.11(a)
90 Undecane	57	Compound Not Detected.					
91 n-Butylbenzene	91	23.046	23.046	(1.252)	24734	0.20000	0.12(a)
92 1,2-Dichlorobenzene	146	23.148	23.142	(1.257)	26709	0.20000	0.16(a)
93 Dodecane	57	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	25.593	25.598	(1.390)	5621	0.20000	0.11(a)
95 1,3-Hexachlorobutadiene	225	25.817	25.823	(1.403)	16577	0.20000	0.19(a)
96 Naphthalene	128	26.047	26.053	(1.415)	16836	0.20000	0.13(a)
97 1,2,3-Trichlorobenzene	180	26.529	26.523	(1.441)	7236	0.20000	0.13(a)

QC Flag Legend

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

Data File: ggz004.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 439935
Lab Sample ID: ic 439935

Date: 25-JAN-2013 11:31
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzto15.b/ggz005.d
 Lab Smp Id: ic 439920
 Inj Date : 25-JAN-2013 12:21
 Operator : wrd
 Smp Info : ic 439920
 Misc Info : 200,1,level 02
 Comment :
 Method : /chem/G.i/Gsvr.p/ggzto15.b/to15v5.m
 Meth Date : 26-Jan-2013 13:13 pd
 Cal Date : 25-JAN-2013 12:21
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: G.i
 Quant Type: ISTD
 Cal File: gg005.d
 Calibration Sample, Level: 2
 Compound Sublist: allT015.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	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON-COL
							(ppb v/v)	(ppb v/v)
=====	====	==	=====	=====	=====	=====	=====	
1 Propene	41	3.006	3.006	(0.294)	6854	0.50000	0.54(a)	
2 Dichlorodifluoromethane	85	3.076	3.076	(0.300)	48077	0.50000	0.49(a)	
3 Chlorodifluoromethane	51	3.119	3.119	(0.305)	20830	0.50000	0.51	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.338	3.338	(0.326)	47168	0.50000	0.49	
5 Chloromethane	50	3.461	3.461	(0.338)	10796	0.50000	0.53	
6 Butane	43	3.675	3.675	(0.359)	13919	0.50000	0.51	
7 Vinyl chloride	62	3.702	3.702	(0.362)	12706	0.50000	0.47	
8 1,3-Butadiene	54	3.782	3.782	(0.369)	8030	0.50000	0.49	
9 Bromomethane	94	4.440	4.440	(0.434)	19095	0.50000	0.52	
10 Chloroethane	64	4.681	4.681	(0.457)	5550	0.50000	0.51	
11 2-Methylbutane	43	4.798	4.793	(0.469)	10083	0.50000	0.48	
12 Vinyl bromide	106	5.071	5.071	(0.495)	21061	0.50000	0.49	
13 Trichlorofluoromethane	101	5.189	5.200	(0.507)	56357	0.50000	0.49	
14 Pentane	43	5.355	5.355	(0.523)	14610	0.50000	0.47(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	5.735	5.729	(0.560)	34353	5.00000	5.0
16 Ethyl ether	59	5.868	5.863	(0.573)	6497	0.50000	0.47
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.291	6.291	(0.614)	38595	0.50000	0.49
18 Acrolein	56	Compound Not Detected.					
19 1,1-Dichloroethene	96	6.302	6.302	(0.615)	16757	0.50000	0.51
20 Acetone	43	6.494	6.489	(0.634)	38393	0.50000	1.3(a)
21 Carbon disulfide	76	6.681	6.681	(0.653)	46894	0.50000	0.49(a)
22 Isopropanol	45	6.847	6.815	(0.669)	9708	0.50000	0.48(a)
23 Allyl chloride	41	7.072	7.077	(0.691)	9835	0.50000	0.41(a)
24 Acetonitrile	41	7.120	7.120	(0.695)	7589	0.50000	0.62(aQ)
25 Methylene chloride	49	7.350	7.361	(0.718)	14684	0.50000	0.54
26 Tert-butyl alcohol	59	7.634	7.596	(0.746)	15852	0.50000	0.42(a)
27 Methyl tert-butyl ether	73	7.832	7.816	(0.765)	37096	0.50000	0.50
28 1,2-Dichloroethene (trans)	61	7.832	7.832	(0.765)	20732	0.50000	0.50
29 Acrylonitrile	53	7.896	7.901	(0.771)	6558	0.50000	0.49(a)
30 n-Hexane	57	8.276	8.270	(0.808)	15338	0.50000	0.47
31 1,1-Dichloroethane	63	8.677	8.677	(0.847)	26668	0.50000	0.50
32 Vinyl acetate	43	8.768	8.773	(0.856)	18746	0.50000	0.46(a)
M 33 1,2-Dichloroethene,Total	61				46520	1.00000	1.0
34 1,2-Dichloroethene (cis)	96	9.790	9.790	(0.956)	25788	0.50000	0.52
35 Ethyl acetate	88	Compound Not Detected.					
36 Methyl Ethyl Ketone	72	9.832	9.816	(0.960)	7123	0.50000	0.56(Q)
* 37 Bromochloromethane	128	10.239	10.244	(1.000)	639279	10.0000	
38 Tetrahydrofuran	42	10.287	10.276	(0.838)	11121	0.50000	0.49(a)
39 Chloroform	83	10.389	10.394	(1.015)	52336	0.50000	0.50
40 Cyclohexane	84	10.710	10.715	(0.873)	28326	0.50000	0.45
41 1,1,1-Trichloroethane	97	10.694	10.699	(0.871)	62285	0.50000	0.47
42 Carbon tetrachloride	117	10.972	10.972	(0.894)	70127	0.50000	0.43
43 2,2,4-Trimethylpentane	57	11.475	11.469	(0.935)	83804	0.50000	0.48
44 Benzene	78	11.411	11.411	(0.930)	75622	0.50000	0.50
45 1,2-Dichloroethane	62	11.555	11.560	(0.942)	31298	0.50000	0.50
46 n-Heptane	43	11.871	11.881	(0.967)	28062	0.50000	0.50
* 47 1,4-Difluorobenzene	114	12.272	12.272	(1.000)	3779670	10.0000	
48 n-Butanol	56	12.689	12.657	(1.034)	7727	0.50000	0.48(a)
49 Trichloroethene	95	12.769	12.769	(1.041)	51655	0.50000	0.52
50 1,2-Dichloropropane	63	13.299	13.294	(1.084)	30315	0.50000	0.49
51 Methyl methacrylate	69	13.513	13.513	(1.101)	19553	0.50000	0.42(a)
52 Dibromomethane	174	13.545	13.550	(1.104)	57952	0.50000	0.55
53 1,4-Dioxane	88	13.561	13.540	(1.105)	11766	0.50000	0.47(a)
54 Bromodichloromethane	83	13.871	13.871	(1.130)	73121	0.50000	0.48
55 1,3-Dichloropropene (cis)	75	14.850	14.850	(1.210)	45397	0.50000	0.49
56 Methyl isobutyl ketone	43	15.150	15.145	(1.235)	33045	0.50000	0.42(a)
57 n-Octane	43	15.642	15.648	(1.275)	47544	0.50000	0.49(a)
58 Toluene	92	15.482	15.487	(0.841)	75206	0.50000	0.52
59 1,3-Dichloropropene (trans)	75	16.054	16.059	(1.308)	37673	0.50000	0.46
60 1,1,2-Trichloroethane	83	16.418	16.423	(0.892)	34684	0.50000	0.53
61 Tetrachloroethene	166	16.616	16.621	(0.903)	91996	0.50000	0.59

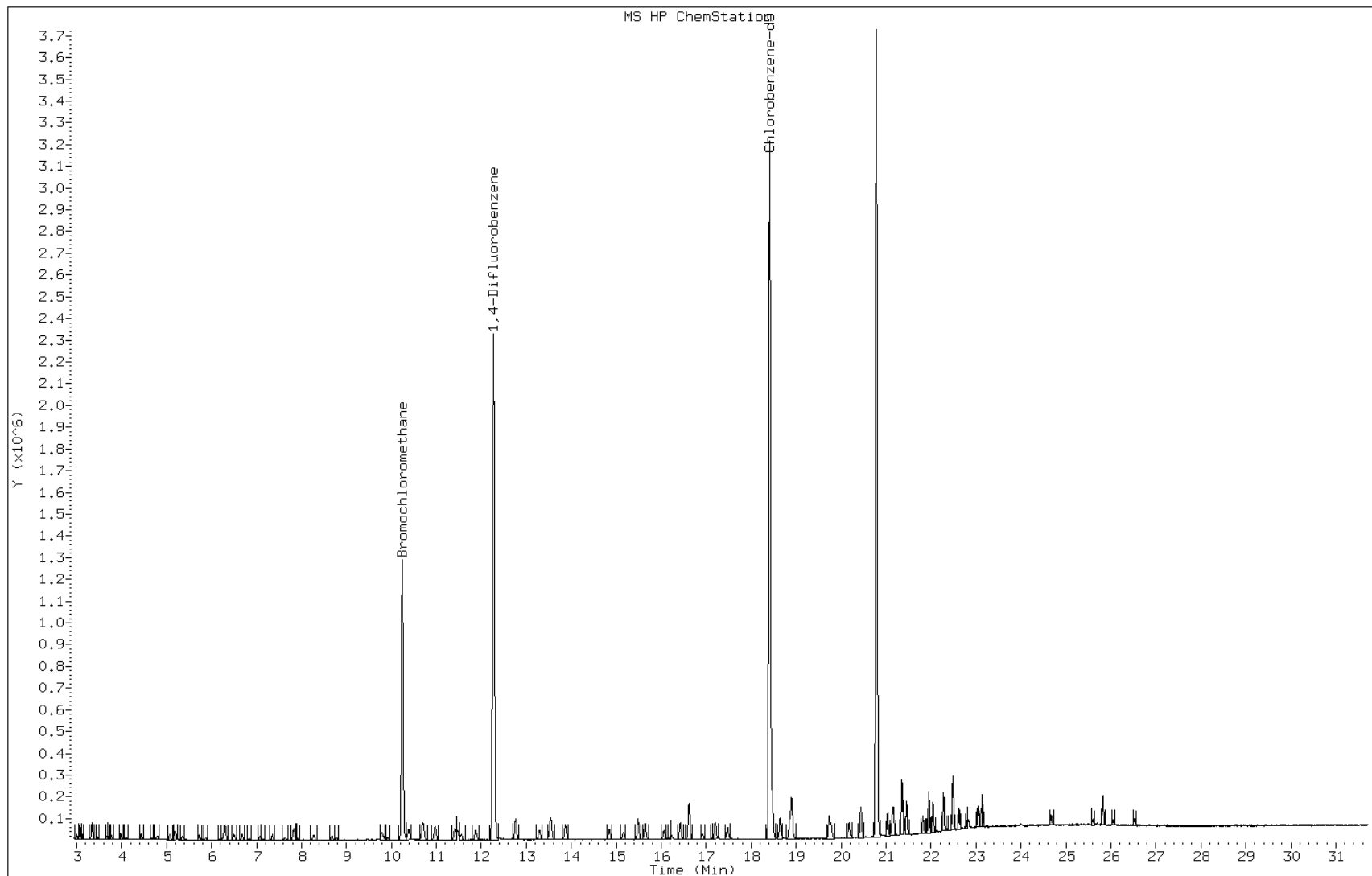
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	16.915	16.899	(0.919)	24630	0.50000	0.40(a)
63 Dibromochloromethane	129	17.204	17.204	(0.935)	75808	0.50000	0.47
64 1,2-Dibromoethane	107	17.477	17.472	(0.949)	65754	0.50000	0.52
* 65 Chlorobenzene-d5	117	18.408	18.413	(1.000)	3874730	10.0000	
66 Chlorobenzene	112	18.472	18.472	(1.003)	107607	0.50000	0.53
67 n-Nonane	57	18.847	18.852	(1.024)	43638	0.50000	0.49
68 Ethylbenzene	91	18.649	18.649	(1.013)	130083	0.50000	0.48
69 Xylene (m,p)	106	18.895	18.900	(1.026)	114600	1.00000	1.00
M 70 Xylenes, Total	106				174002	0.50000	1.5
71 Xylene (o)	106	19.735	19.735	(1.072)	59402	0.50000	0.48
72 Styrene	104	19.783	19.777	(1.075)	60108	0.50000	0.40
73 Bromoform	173	20.173	20.173	(1.096)	56521	0.50000	0.45
74 Isopropylbenzene	105	20.441	20.441	(1.110)	155726	0.50000	0.47
75 1,1,2,2-Tetrachloroethane	83	21.035	21.040	(1.143)	74583	0.50000	0.48
76 n-Propylbenzene	91	21.163	21.163	(1.150)	141713	0.50000	0.44
77 1,2,3-Trichloropropane	75	21.131	21.131	(1.148)	49877	0.50000	0.47(a)
78 n-Decane	57	21.393	21.393	(1.162)	41270	0.50000	0.43(a)
79 4-Ethyltoluene	105	21.356	21.356	(1.160)	120099	0.50000	0.45
80 2-Chlorotoluene	91	21.350	21.350	(1.160)	112362	0.50000	0.49
81 1,3,5-Trimethylbenzene	105	21.463	21.463	(1.166)	118681	0.50000	0.46
82 Alpha Methyl Styrene	118	21.821	21.821	(1.185)	37658	0.50000	0.32
83 tert-butylbenzene	119	21.950	21.949	(1.192)	134955	0.50000	0.49
84 1,2,4-Trimethylbenzene	105	22.040	22.046	(1.197)	98238	0.50000	0.41
85 sec-Butylbenzene	105	22.276	22.281	(1.210)	169713	0.50000	0.46
86 4-Isopropyltoluene	119	22.479	22.479	(1.221)	127954	0.50000	0.45
87 1,3-Dichlorobenzene	146	22.490	22.495	(1.222)	64604	0.50000	0.46
88 1,4-Dichlorobenzene	146	22.624	22.624	(1.229)	54445	0.50000	0.40
89 Benzyl chloride	91	22.800	22.800	(1.239)	32962	0.50000	0.30
90 Undecane	57	23.110	23.110	(1.255)	33481	0.50000	0.40(a)
91 n-Butylbenzene	91	23.041	23.046	(1.252)	70387	0.50000	0.36
92 1,2-Dichlorobenzene	146	23.142	23.142	(1.257)	66229	0.50000	0.42
93 Dodecane	57	24.672	24.672	(1.340)	20514	0.50000	0.39(a)
94 1,2,4-Trichlorobenzene	180	25.603	25.598	(1.391)	12964	0.50000	0.26(a)
95 1,3-Hexachlorobutadiene	225	25.823	25.823	(1.403)	44541	0.50000	0.53
96 Naphthalene	128	26.053	26.053	(1.415)	37712	0.50000	0.29(a)
97 1,2,3-Trichlorobenzene	180	26.523	26.523	(1.441)	17602	0.50000	0.34

QC Flag Legend

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

Data File: ggz005.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 439920
Lab Sample ID: ic 439920

Date: 25-JAN-2013 12:21
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzto15.b/ggz006.d
Lab Smp Id: ic 439912
Inj Date : 25-JAN-2013 13:11
Operator : wrd
Smp Info : ic 439912
Misc Info : 200,1,level 03
Comment :
Method : /chem/G.i/Gsvr.p/ggzto15.b/to15v5.m
Meth Date : 26-Jan-2013 13:13 pd
Cal Date : 25-JAN-2013 13:11
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: G.i
Quant Type: ISTD
Cal File: gg006.d
Calibration Sample, Level: 3
Compound Sublist: allT015.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	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON-COL
							(ppb v/v)	(ppb v/v)
=====	====	==	=====	=====	=====	=====	=====	
1 Propene	41	3.006	3.006	(0.294)	61052	5.00000	4.8(a)	
2 Dichlorodifluoromethane	85	3.076	3.076	(0.300)	500271	5.00000	5.1	
3 Chlorodifluoromethane	51	3.119	3.119	(0.305)	203640	5.00000	5.0	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.338	3.338	(0.326)	502134	5.00000	5.2	
5 Chloromethane	50	3.456	3.461	(0.337)	100065	5.00000	4.9	
6 Butane	43	3.670	3.675	(0.358)	132247	5.00000	4.9	
7 Vinyl chloride	62	3.696	3.702	(0.361)	130466	5.00000	4.8	
8 1,3-Butadiene	54	3.782	3.782	(0.369)	79016	5.00000	4.9	
9 Bromomethane	94	4.440	4.440	(0.434)	184405	5.00000	5.0	
10 Chloroethane	64	4.681	4.681	(0.457)	54405	5.00000	5.0	
11 2-Methylbutane	43	4.782	4.793	(0.467)	96627	5.00000	4.6	
12 Vinyl bromide	106	5.066	5.071	(0.495)	215228	5.00000	5.0	
13 Trichlorofluoromethane	101	5.194	5.200	(0.507)	586076	5.00000	5.1	
14 Pentane	43	5.349	5.355	(0.522)	156477	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)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.724	5.729	(0.559)	62801	10.0000	9.2
16 Ethyl ether	59	5.858	5.863	(0.572)	67242	5.00000	4.9
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.291	6.291	(0.614)	398370	5.00000	5.1
18 Acrolein	56	6.179	6.184	(0.603)	32988	5.00000	4.8(a)
19 1,1-Dichloroethene	96	6.302	6.302	(0.615)	165139	5.00000	5.0
20 Acetone	43	6.489	6.489	(0.634)	161712	5.00000	5.5
21 Carbon disulfide	76	6.681	6.681	(0.653)	468037	5.00000	4.9
22 Isopropanol	45	6.810	6.815	(0.665)	101041	5.00000	5.0
23 Allyl chloride	41	7.077	7.077	(0.691)	112305	5.00000	4.7
24 Acetonitrile	41	7.115	7.120	(0.695)	60007	5.00000	4.9(a)
25 Methylene chloride	49	7.350	7.361	(0.718)	132659	5.00000	4.9
26 Tert-butyl alcohol	59	7.602	7.596	(0.742)	185484	5.00000	4.9(a)
27 Methyl tert-butyl ether	73	7.816	7.816	(0.763)	361327	5.00000	4.9
28 1,2-Dichloroethene (trans)	61	7.826	7.832	(0.764)	209342	5.00000	5.1
29 Acrylonitrile	53	7.896	7.901	(0.771)	63309	5.00000	4.8
30 n-Hexane	57	8.276	8.270	(0.808)	161530	5.00000	5.0
31 1,1-Dichloroethane	63	8.677	8.677	(0.847)	274701	5.00000	5.1
32 Vinyl acetate	43	8.768	8.773	(0.856)	196429	5.00000	4.8(a)
M 33 1,2-Dichloroethene,Total	61				458471	10.0000	10
34 1,2-Dichloroethene (cis)	96	9.790	9.790	(0.956)	249129	5.00000	5.0
35 Ethyl acetate	88	9.907	9.913	(0.968)	10266	5.00000	4.8(a)
36 Methyl Ethyl Ketone	72	9.816	9.816	(0.959)	62215	5.00000	4.9
* 37 Bromochloromethane	128	10.239	10.244	(1.000)	639057	10.0000	
38 Tetrahydrofuran	42	10.282	10.276	(0.838)	103976	5.00000	4.8(a)
39 Chloroform	83	10.389	10.394	(1.015)	539383	5.00000	5.1
40 Cyclohexane	84	10.710	10.715	(0.873)	303121	5.00000	4.9
41 1,1,1-Trichloroethane	97	10.694	10.699	(0.871)	644584	5.00000	5.0
42 Carbon tetrachloride	117	10.972	10.972	(0.894)	769926	5.00000	4.9
43 2,2,4-Trimethylpentane	57	11.469	11.469	(0.935)	863820	5.00000	5.0
44 Benzene	78	11.405	11.411	(0.929)	752209	5.00000	5.2
45 1,2-Dichloroethane	62	11.555	11.560	(0.942)	317566	5.00000	5.2
46 n-Heptane	43	11.881	11.881	(0.968)	279630	5.00000	5.1
* 47 1,4-Difluorobenzene	114	12.272	12.272	(1.000)	3673781	10.0000	
48 n-Butanol	56	12.662	12.657	(1.032)	74161	5.00000	4.8(a)
49 Trichloroethene	95	12.764	12.769	(1.040)	519998	5.00000	5.3
50 1,2-Dichloropropane	63	13.294	13.294	(1.083)	306034	5.00000	5.1
51 Methyl methacrylate	69	13.513	13.513	(1.101)	227661	5.00000	5.0
52 Dibromomethane	174	13.550	13.550	(1.104)	586646	5.00000	5.7
53 1,4-Dioxane	88	13.540	13.540	(1.103)	135069	5.00000	5.5
54 Bromodichloromethane	83	13.866	13.871	(1.130)	790387	5.00000	5.4
55 1,3-Dichloropropene (cis)	75	14.850	14.850	(1.210)	485666	5.00000	5.3
56 Methyl isobutyl ketone	43	15.145	15.145	(1.234)	390059	5.00000	5.1
57 n-Octane	43	15.642	15.648	(1.275)	468927	5.00000	4.9
58 Toluene	92	15.487	15.487	(0.841)	757088	5.00000	5.4
59 1,3-Dichloropropene (trans)	75	16.054	16.059	(1.308)	411798	5.00000	5.2
60 1,1,2-Trichloroethane	83	16.423	16.423	(0.892)	352136	5.00000	5.5
61 Tetrachloroethene	166	16.616	16.621	(0.902)	879550	5.00000	5.8

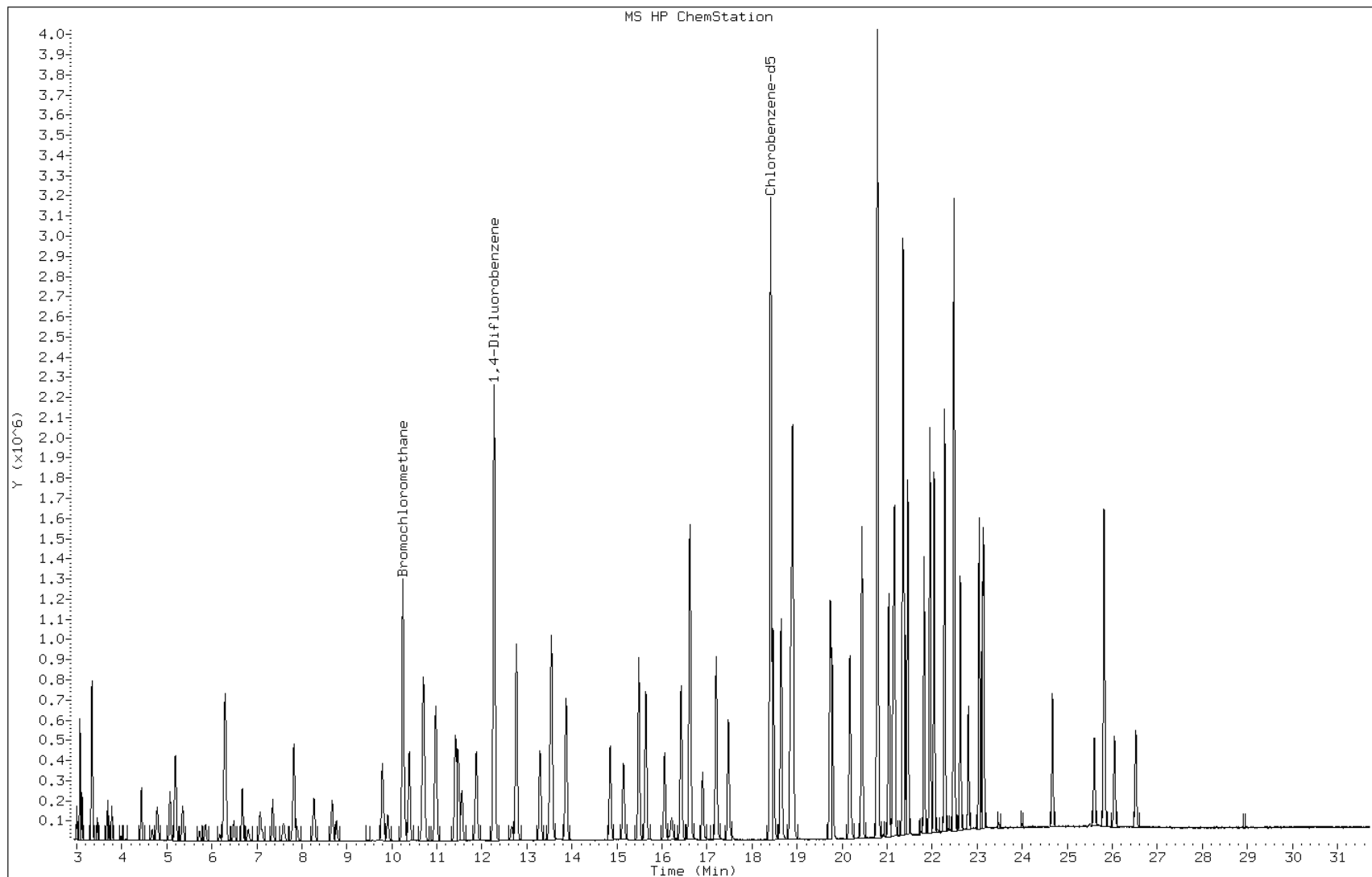
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	16.899	16.899	(0.918)	331711	5.00000	5.5
63 Dibromochloromethane	129	17.204	17.204	(0.934)	896743	5.00000	5.7
64 1,2-Dibromoethane	107	17.472	17.472	(0.949)	715196	5.00000	5.8
* 65 Chlorobenzene-d5	117	18.413	18.413	(1.000)	3763331	10.0000	
66 Chlorobenzene	112	18.472	18.472	(1.003)	1100661	5.00000	5.6
67 n-Nonane	57	18.857	18.852	(1.024)	478459	5.00000	5.5
68 Ethylbenzene	91	18.649	18.649	(1.013)	1437669	5.00000	5.5
69 Xylene (m,p)	106	18.900	18.900	(1.026)	1259292	10.0000	11
M 70 Xylenes, Total	106				1927243	5.00000	17
71 Xylene (o)	106	19.735	19.735	(1.072)	667951	5.00000	5.5
72 Styrene	104	19.777	19.777	(1.074)	823083	5.00000	5.7
73 Bromoform	173	20.173	20.173	(1.096)	732331	5.00000	5.9
74 Isopropylbenzene	105	20.441	20.441	(1.110)	1766426	5.00000	5.5
75 1,1,2,2-Tetrachloroethane	83	21.035	21.040	(1.142)	855660	5.00000	5.6
76 n-Propylbenzene	91	21.163	21.163	(1.149)	1753250	5.00000	5.7
77 1,2,3-Trichloropropane	75	21.131	21.131	(1.148)	559676	5.00000	5.5
78 n-Decane	57	21.393	21.393	(1.162)	522624	5.00000	5.6
79 4-Ethyltoluene	105	21.356	21.356	(1.160)	1523994	5.00000	5.8
80 2-Chlorotoluene	91	21.350	21.350	(1.159)	1284655	5.00000	5.8
81 1,3,5-Trimethylbenzene	105	21.457	21.463	(1.165)	1402382	5.00000	5.6
82 Alpha Methyl Styrene	118	21.821	21.821	(1.185)	630713	5.00000	5.6
83 tert-butylbenzene	119	21.949	21.949	(1.192)	1504992	5.00000	5.6
84 1,2,4-Trimethylbenzene	105	22.040	22.046	(1.197)	1317522	5.00000	5.7
85 sec-Butylbenzene	105	22.281	22.281	(1.210)	2050070	5.00000	5.7
86 4-Isopropyltoluene	119	22.479	22.479	(1.221)	1657392	5.00000	5.9
87 1,3-Dichlorobenzene	146	22.490	22.495	(1.221)	806031	5.00000	5.9
88 1,4-Dichlorobenzene	146	22.624	22.624	(1.229)	728443	5.00000	5.5
89 Benzyl chloride	91	22.800	22.800	(1.238)	551116	5.00000	5.1
90 Undecane	57	23.110	23.110	(1.255)	457396	5.00000	5.6
91 n-Butylbenzene	91	23.046	23.046	(1.252)	1073475	5.00000	5.6
92 1,2-Dichlorobenzene	146	23.142	23.142	(1.257)	860654	5.00000	5.7
93 Dodecane	57	24.672	24.672	(1.340)	304412	5.00000	6.0
94 1,2,4-Trichlorobenzene	180	25.603	25.598	(1.390)	238453	5.00000	5.0
95 1,3-Hexachlorobutadiene	225	25.823	25.823	(1.402)	496657	5.00000	6.1
96 Naphthalene	128	26.047	26.053	(1.415)	644362	5.00000	5.2
97 1,2,3-Trichlorobenzene	180	26.523	26.523	(1.440)	281414	5.00000	5.6

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: ggz006.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 439912
Lab Sample ID: ic 439912

Date: 25-JAN-2013 13:11
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzto15.b/ggz007.d
Lab Smp Id: icis 439905
Inj Date : 25-JAN-2013 14:01
Operator : wrd
Smp Info : icis 439905
Misc Info : 100,1,level 04
Comment :
Method : /chem/G.i/Gsvr.p/ggzto15.b/to15v5.m
Meth Date : 26-Jan-2013 13:13 pd
Cal Date : 25-JAN-2013 14:01
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: G.i
Quant Type: ISTD
Cal File: gg007.d
Calibration Sample, Level: 4
Compound Sublist: allT015.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	100.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

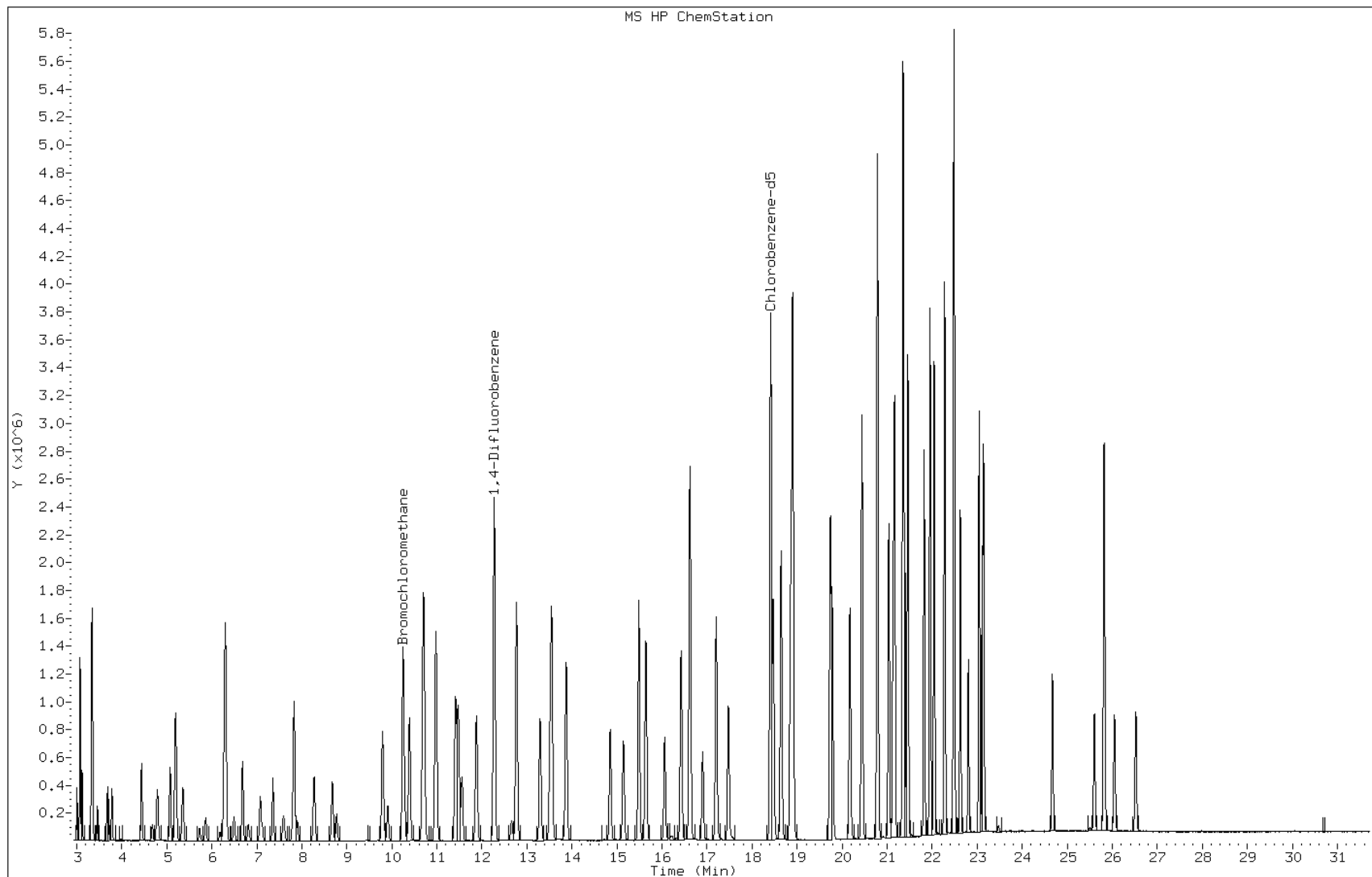
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	3.006	3.006	(0.293)	137640	10.0000	10
2 Dichlorodifluoromethane	85	3.076	3.076	(0.300)	1084512	10.0000	11
3 Chlorodifluoromethane	51	3.119	3.119	(0.304)	454065	10.0000	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.338	3.338	(0.326)	1091292	10.0000	11
5 Chloromethane	50	3.461	3.461	(0.338)	221722	10.0000	10
6 Butane	43	3.675	3.675	(0.359)	297853	10.0000	11
7 Vinyl chloride	62	3.702	3.702	(0.361)	288865	10.0000	10
8 1,3-Butadiene	54	3.782	3.782	(0.369)	178041	10.0000	10
9 Bromomethane	94	4.440	4.440	(0.433)	405815	10.0000	10
10 Chloroethane	64	4.681	4.681	(0.457)	119712	10.0000	10
11 2-Methylbutane	43	4.793	4.793	(0.468)	215374	10.0000	9.9
12 Vinyl bromide	106	5.071	5.071	(0.495)	476381	10.0000	11
13 Trichlorofluoromethane	101	5.200	5.200	(0.508)	1287925	10.0000	11
14 Pentane	43	5.355	5.355	(0.523)	351797	10.0000	11

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.729	5.729	(0.559)	132405	15.0000	19
16 Ethyl ether	59	5.863	5.863	(0.572)	138417	10.0000	9.6
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.291	6.291	(0.614)	875421	10.0000	11
18 Acrolein	56	6.184	6.184	(0.604)	68974	10.0000	9.6
19 1,1-Dichloroethene	96	6.302	6.302	(0.615)	359272	10.0000	10
20 Acetone	43	6.489	6.489	(0.633)	289782	10.0000	9.4
21 Carbon disulfide	76	6.681	6.681	(0.652)	1049934	10.0000	11
22 Isopropanol	45	6.815	6.815	(0.665)	206984	10.0000	9.8
23 Allyl chloride	41	7.077	7.077	(0.691)	267780	10.0000	11
24 Acetonitrile	41	7.120	7.120	(0.695)	135294	10.0000	11
25 Methylene chloride	49	7.361	7.361	(0.719)	294999	10.0000	10
26 Tert-butyl alcohol	59	7.596	7.596	(0.742)	387278	10.0000	9.8
27 Methyl tert-butyl ether	73	7.816	7.816	(0.763)	742689	10.0000	9.6
28 1,2-Dichloroethene (trans)	61	7.832	7.832	(0.764)	456145	10.0000	11
29 Acrylonitrile	53	7.901	7.901	(0.771)	130838	10.0000	9.4
30 n-Hexane	57	8.270	8.270	(0.807)	360360	10.0000	11
31 1,1-Dichloroethane	63	8.677	8.677	(0.847)	587440	10.0000	10
32 Vinyl acetate	43	8.773	8.773	(0.856)	390234	10.0000	9.1
M 33 1,2-Dichloroethene,Total	61				980021	20.0000	21
34 1,2-Dichloroethene (cis)	96	9.790	9.790	(0.956)	523876	10.0000	10
35 Ethyl acetate	88	9.913	9.913	(0.968)	20385	10.0000	9.2
36 Methyl Ethyl Ketone	72	9.816	9.816	(0.958)	120024	10.0000	9.1
* 37 Bromochloromethane	128	10.244	10.244	(1.000)	669123	10.0000	
38 Tetrahydrofuran	42	10.276	10.276	(0.837)	214816	10.0000	9.1
39 Chloroform	83	10.394	10.394	(1.015)	1120182	10.0000	10
40 Cyclohexane	84	10.715	10.715	(0.873)	694287	10.0000	11
41 1,1,1-Trichloroethane	97	10.699	10.699	(0.872)	1430713	10.0000	10
42 Carbon tetrachloride	117	10.972	10.972	(0.894)	1755583	10.0000	10
43 2,2,4-Trimethylpentane	57	11.469	11.469	(0.935)	1877108	10.0000	10
44 Benzene	78	11.411	11.411	(0.930)	1464931	10.0000	9.3
45 1,2-Dichloroethane	62	11.560	11.560	(0.942)	583168	10.0000	8.9
46 n-Heptane	43	11.881	11.881	(0.968)	558586	10.0000	9.5
* 47 1,4-Difluorobenzene	114	12.272	12.272	(1.000)	3960652	10.0000	
48 n-Butanol	56	12.657	12.657	(1.031)	151580	10.0000	9.1
49 Trichloroethene	95	12.769	12.769	(1.041)	908076	10.0000	8.7
50 1,2-Dichloropropane	63	13.294	13.294	(1.083)	595831	10.0000	9.1
51 Methyl methacrylate	69	13.513	13.513	(1.101)	438994	10.0000	9.0
52 Dibromomethane	174	13.550	13.550	(1.104)	974791	10.0000	8.9
53 1,4-Dioxane	88	13.540	13.540	(1.103)	247519	10.0000	9.4
54 Bromodichloromethane	83	13.871	13.871	(1.130)	1441130	10.0000	9.1
55 1,3-Dichloropropene (cis)	75	14.850	14.850	(1.210)	822934	10.0000	8.4
56 Methyl isobutyl ketone	43	15.145	15.145	(1.234)	731579	10.0000	8.9
57 n-Octane	43	15.648	15.648	(1.275)	922879	10.0000	9.0
58 Toluene	92	15.487	15.487	(0.841)	1429451	10.0000	8.6
59 1,3-Dichloropropene (trans)	75	16.059	16.059	(1.309)	721771	10.0000	8.4
60 1,1,2-Trichloroethane	83	16.423	16.423	(0.892)	637200	10.0000	8.4
61 Tetrachloroethene	166	16.621	16.621	(0.903)	1494972	10.0000	8.3

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	16.899	16.899	(0.918)	620645	10.0000	8.7
63 Dibromochloromethane	129	17.204	17.204	(0.934)	1599431	10.0000	8.7
64 1,2-Dibromoethane	107	17.472	17.472	(0.949)	1144181	10.0000	7.9
* 65 Chlorobenzene-d5	117	18.413	18.413	(1.000)	4446167	10.0000	
66 Chlorobenzene	112	18.472	18.472	(1.003)	1892738	10.0000	8.1
67 n-Nonane	57	18.852	18.852	(1.024)	924058	10.0000	9.0
68 Ethylbenzene	91	18.649	18.649	(1.013)	2738648	10.0000	8.8
69 Xylene (m,p)	106	18.900	18.900	(1.026)	2373700	20.0000	18
M 70 Xylenes, Total	106				3685690	10.0000	27
71 Xylene (o)	106	19.735	19.735	(1.072)	1311990	10.0000	9.2
72 Styrene	104	19.777	19.777	(1.074)	1546954	10.0000	9.1
73 Bromoform	173	20.173	20.173	(1.096)	1313279	10.0000	9.0
74 Isopropylbenzene	105	20.441	20.441	(1.110)	3485054	10.0000	9.1
75 1,1,2,2-Tetrachloroethane	83	21.040	21.040	(1.143)	1613942	10.0000	9.0
76 n-Propylbenzene	91	21.163	21.163	(1.149)	3390600	10.0000	9.2
77 1,2,3-Trichloropropane	75	21.131	21.131	(1.148)	1046754	10.0000	8.7
78 n-Decane	57	21.393	21.393	(1.162)	983413	10.0000	8.9
79 4-Ethyltoluene	105	21.356	21.356	(1.160)	2930972	10.0000	9.5
80 2-Chlorotoluene	91	21.350	21.350	(1.159)	2397241	10.0000	9.1
81 1,3,5-Trimethylbenzene	105	21.463	21.463	(1.166)	2742828	10.0000	9.2
82 Alpha Methyl Styrene	118	21.821	21.821	(1.185)	1282549	10.0000	9.6
83 tert-butylbenzene	119	21.949	21.949	(1.192)	2867233	10.0000	9.1
84 1,2,4-Trimethylbenzene	105	22.046	22.046	(1.197)	2570728	10.0000	9.4
85 sec-Butylbenzene	105	22.281	22.281	(1.210)	3918598	10.0000	9.3
86 4-Isopropyltoluene	119	22.479	22.479	(1.221)	3137813	10.0000	9.5
87 1,3-Dichlorobenzene	146	22.495	22.495	(1.222)	1435688	10.0000	8.8
88 1,4-Dichlorobenzene	146	22.624	22.624	(1.229)	1323255	10.0000	8.4
89 Benzyl chloride	91	22.800	22.800	(1.238)	1101455	10.0000	8.6
90 Undecane	57	23.110	23.110	(1.255)	762834	10.0000	7.9
91 n-Butylbenzene	91	23.046	23.046	(1.252)	2108105	10.0000	9.4
92 1,2-Dichlorobenzene	146	23.142	23.142	(1.257)	1600357	10.0000	8.9
93 Dodecane	57	24.672	24.672	(1.340)	522413	10.0000	8.8
94 1,2,4-Trichlorobenzene	180	25.598	25.598	(1.390)	451567	10.0000	7.9
95 1,3-Hexachlorobutadiene	225	25.823	25.823	(1.402)	879766	10.0000	9.1
96 Naphthalene	128	26.053	26.053	(1.415)	1202949	10.0000	8.2
97 1,2,3-Trichlorobenzene	180	26.523	26.523	(1.440)	509923	10.0000	8.6

Data File: ggz007.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 439905
Lab Sample ID: icis 439905

Date: 25-JAN-2013 14:01
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzto15.b/ggz008.d
Lab Smp Id: ic 439907
Inj Date : 25-JAN-2013 14:51
Operator : wrd
Smp Info : ic 439907
Misc Info : 200,1,level 05
Comment :
Method : /chem/G.i/Gsvr.p/ggzto15.b/to15v5.m
Meth Date : 26-Jan-2013 13:13 pd
Cal Date : 25-JAN-2013 14:51
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: G.i
Quant Type: ISTD
Cal File: ggzt008.d
Calibration Sample, Level: 5
Compound Sublist: allT015.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

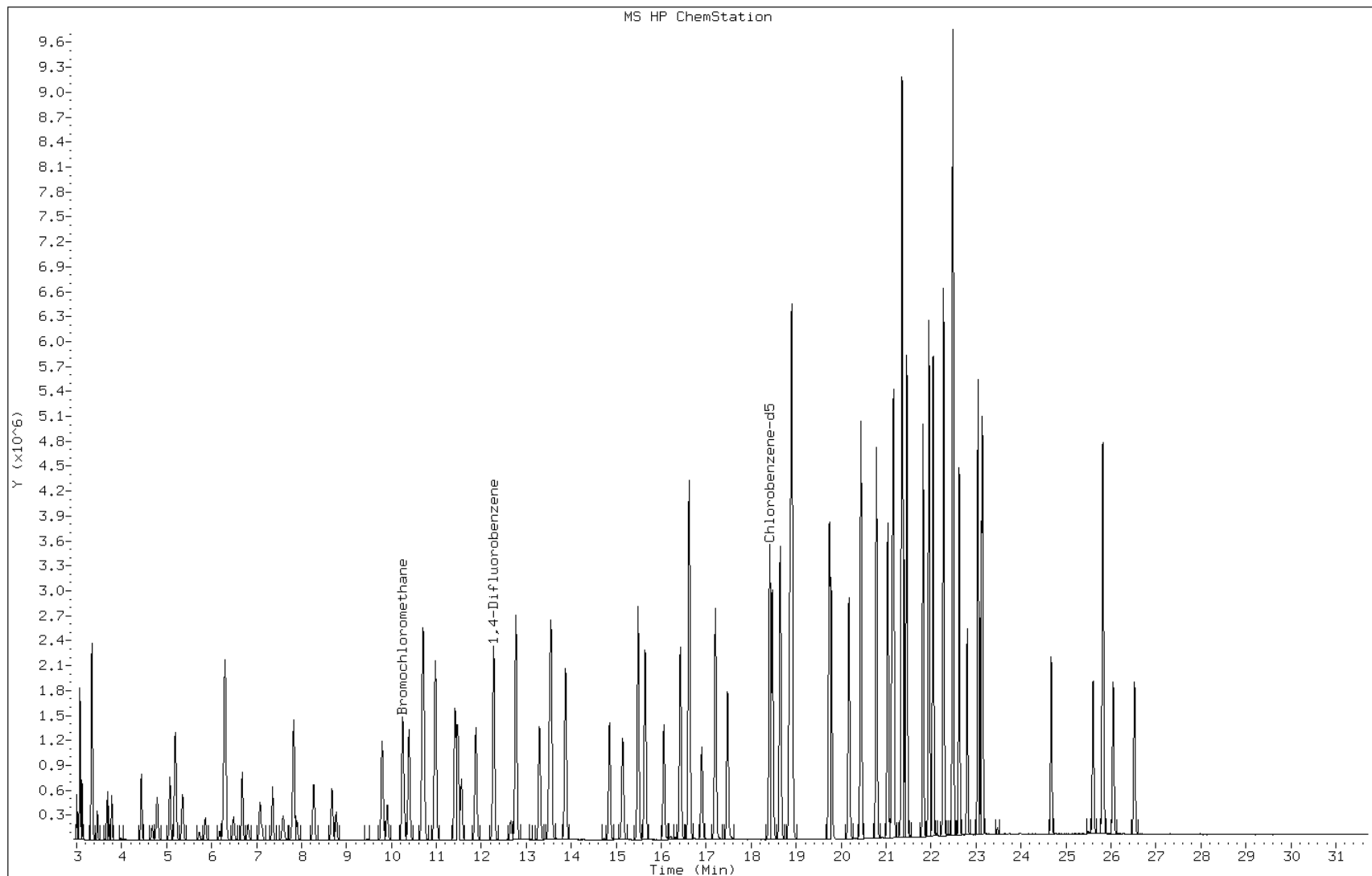
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	3.006	3.006	(0.293)	196807	15.0000	14
2 Dichlorodifluoromethane	85	3.076	3.076	(0.300)	1542986	15.0000	15
3 Chlorodifluoromethane	51	3.119	3.119	(0.304)	644222	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.338	3.338	(0.326)	1538564	15.0000	15
5 Chloromethane	50	3.461	3.461	(0.338)	320825	15.0000	15
6 Butane	43	3.675	3.675	(0.359)	428412	15.0000	15
7 Vinyl chloride	62	3.702	3.702	(0.361)	411034	15.0000	14
8 1,3-Butadiene	54	3.782	3.782	(0.369)	259344	15.0000	15
9 Bromomethane	94	4.440	4.440	(0.433)	576050	15.0000	15
10 Chloroethane	64	4.681	4.681	(0.457)	169137	15.0000	14
11 2-Methylbutane	43	4.793	4.793	(0.468)	310380	15.0000	14
12 Vinyl bromide	106	5.071	5.071	(0.495)	678348	15.0000	15
13 Trichlorofluoromethane	101	5.194	5.200	(0.507)	1829754	15.0000	15
14 Pentane	43	5.355	5.355	(0.523)	505824	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	5.729	5.729	(0.559)	139496	20.0000	19
16 Ethyl ether	59	5.858	5.863	(0.572)	222510	15.0000	15
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.291	6.291	(0.614)	1234726	15.0000	15
18 Acrolein	56	6.179	6.184	(0.603)	111256	15.0000	15
19 1,1-Dichloroethene	96	6.307	6.302	(0.616)	511004	15.0000	14
20 Acetone	43	6.489	6.489	(0.633)	464365	15.0000	15
21 Carbon disulfide	76	6.687	6.681	(0.653)	1494520	15.0000	15
22 Isopropanol	45	6.810	6.815	(0.665)	330207	15.0000	15
23 Allyl chloride	41	7.077	7.077	(0.691)	394963	15.0000	15
24 Acetonitrile	41	7.120	7.120	(0.695)	210660	15.0000	16
25 Methylene chloride	49	7.361	7.361	(0.719)	419278	15.0000	14
26 Tert-butyl alcohol	59	7.591	7.596	(0.741)	608815	15.0000	15
27 Methyl tert-butyl ether	73	7.810	7.816	(0.762)	1168606	15.0000	15
28 1,2-Dichloroethene (trans)	61	7.832	7.832	(0.764)	642333	15.0000	14
29 Acrylonitrile	53	7.901	7.901	(0.771)	217013	15.0000	15
30 n-Hexane	57	8.276	8.270	(0.808)	520292	15.0000	15
31 1,1-Dichloroethane	63	8.677	8.677	(0.847)	863402	15.0000	15
32 Vinyl acetate	43	8.773	8.773	(0.856)	665081	15.0000	15
M 33 1,2-Dichloroethene,Total	61				1410285	30.0000	29
34 1,2-Dichloroethene (cis)	96	9.790	9.790	(0.956)	767952	15.0000	14
35 Ethyl acetate	88	9.913	9.913	(0.968)	35178	15.0000	15
36 Methyl Ethyl Ketone	72	9.816	9.816	(0.958)	201356	15.0000	15
* 37 Bromochloromethane	128	10.244	10.244	(1.000)	686428	10.0000	
38 Tetrahydrofuran	42	10.276	10.276	(0.837)	352311	15.0000	16
39 Chloroform	83	10.394	10.394	(1.015)	1675732	15.0000	15
40 Cyclohexane	84	10.715	10.715	(0.873)	983156	15.0000	16
41 1,1,1-Trichloroethane	97	10.699	10.699	(0.872)	2055494	15.0000	16
42 Carbon tetrachloride	117	10.977	10.972	(0.894)	2539885	15.0000	16
43 2,2,4-Trimethylpentane	57	11.475	11.469	(0.935)	2675351	15.0000	15
44 Benzene	78	11.416	11.411	(0.930)	2241338	15.0000	15
45 1,2-Dichloroethane	62	11.555	11.560	(0.942)	938413	15.0000	15
46 n-Heptane	43	11.881	11.881	(0.968)	832838	15.0000	15
* 47 1,4-Difluorobenzene	114	12.272	12.272	(1.000)	3777010	10.0000	
48 n-Butanol	56	12.657	12.657	(1.031)	243410	15.0000	15
49 Trichloroethene	95	12.769	12.769	(1.041)	1440153	15.0000	14
50 1,2-Dichloropropane	63	13.294	13.294	(1.083)	936301	15.0000	15
51 Methyl methacrylate	69	13.513	13.513	(1.101)	744365	15.0000	16
52 Dibromomethane	174	13.550	13.550	(1.104)	1535564	15.0000	15
53 1,4-Dioxane	88	13.540	13.540	(1.103)	399880	15.0000	16
54 Bromodichloromethane	83	13.871	13.871	(1.130)	2331117	15.0000	15
55 1,3-Dichloropropene (cis)	75	14.850	14.850	(1.210)	1443958	15.0000	15
56 Methyl isobutyl ketone	43	15.145	15.145	(1.234)	1262643	15.0000	16
57 n-Octane	43	15.642	15.648	(1.275)	1463468	15.0000	15
58 Toluene	92	15.487	15.487	(0.841)	2355442	15.0000	15
59 1,3-Dichloropropene (trans)	75	16.059	16.059	(1.309)	1322397	15.0000	16
60 1,1,2-Trichloroethane	83	16.429	16.423	(0.892)	1072039	15.0000	15
61 Tetrachloroethene	166	16.621	16.621	(0.903)	2432751	15.0000	15

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	16.899	16.899	(0.918)	1084681	15.0000	16
63 Dibromochloromethane	129	17.204	17.204	(0.934)	2774780	15.0000	16
64 1,2-Dibromoethane	107	17.472	17.472	(0.949)	2092763	15.0000	16
* 65 Chlorobenzene-d5	117	18.413	18.413	(1.000)	4142481	10.0000	
66 Chlorobenzene	112	18.472	18.472	(1.003)	3315242	15.0000	15
67 n-Nonane	57	18.857	18.852	(1.024)	1509682	15.0000	16
68 Ethylbenzene	91	18.649	18.649	(1.013)	4623948	15.0000	16
69 Xylene (m,p)	106	18.900	18.900	(1.026)	3926002	30.0000	32
M 70 Xylenes, Total	106				6076360	15.0000	48
71 Xylene (o)	106	19.735	19.735	(1.072)	2150358	15.0000	16
72 Styrene	104	19.777	19.777	(1.074)	2755451	15.0000	17
73 Bromoform	173	20.173	20.173	(1.096)	2305657	15.0000	17
74 Isopropylbenzene	105	20.441	20.441	(1.110)	5789185	15.0000	16
75 1,1,2,2-Tetrachloroethane	83	21.035	21.040	(1.142)	2715011	15.0000	16
76 n-Propylbenzene	91	21.163	21.163	(1.149)	5807268	15.0000	17
77 1,2,3-Trichloropropane	75	21.131	21.131	(1.148)	1791136	15.0000	16
78 n-Decane	57	21.398	21.393	(1.162)	1700844	15.0000	16
79 4-Ethyltoluene	105	21.356	21.356	(1.160)	4936991	15.0000	17
80 2-Chlorotoluene	91	21.350	21.350	(1.159)	3965516	15.0000	16
81 1,3,5-Trimethylbenzene	105	21.463	21.463	(1.166)	4628702	15.0000	17
82 Alpha Methyl Styrene	118	21.821	21.821	(1.185)	2328816	15.0000	19
83 tert-butylbenzene	119	21.949	21.949	(1.192)	4774447	15.0000	16
84 1,2,4-Trimethylbenzene	105	22.046	22.046	(1.197)	4418007	15.0000	17
85 sec-Butylbenzene	105	22.281	22.281	(1.210)	6573749	15.0000	17
86 4-Isopropyltoluene	119	22.479	22.479	(1.221)	5271509	15.0000	17
87 1,3-Dichlorobenzene	146	22.495	22.495	(1.222)	2589103	15.0000	17
88 1,4-Dichlorobenzene	146	22.624	22.624	(1.229)	2565417	15.0000	17
89 Benzyl chloride	91	22.800	22.800	(1.238)	2237607	15.0000	19
90 Undecane	57	23.110	23.110	(1.255)	1413433	15.0000	16
91 n-Butylbenzene	91	23.046	23.046	(1.252)	3855324	15.0000	18
92 1,2-Dichlorobenzene	146	23.142	23.142	(1.257)	2877914	15.0000	17
93 Dodecane	57	24.672	24.672	(1.340)	985198	15.0000	18
94 1,2,4-Trichlorobenzene	180	25.603	25.598	(1.390)	989134	15.0000	19
95 1,3-Hexachlorobutadiene	225	25.823	25.823	(1.402)	1471378	15.0000	16
96 Naphthalene	128	26.053	26.053	(1.415)	2618422	15.0000	19
97 1,2,3-Trichlorobenzene	180	26.523	26.523	(1.440)	1079501	15.0000	20

Data File: ggz008.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 439907
Lab Sample ID: ic 439907

Date: 25-JAN-2013 14:51
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzto15.b/ggz009.d
Lab Smp Id: ic 439905
Inj Date : 25-JAN-2013 15:42
Operator : wrd
Smp Info : ic 439905
Misc Info : 200,1, level 06
Comment :
Method : /chem/G.i/Gsvr.p/ggzto15.b/to15v5.m
Meth Date : 26-Jan-2013 13:13 pd
Cal Date : 25-JAN-2013 15:42
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: G.i
Quant Type: ISTD
Cal File: ggzt009.d
Calibration Sample, Level: 6
Compound Sublist: allT015.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

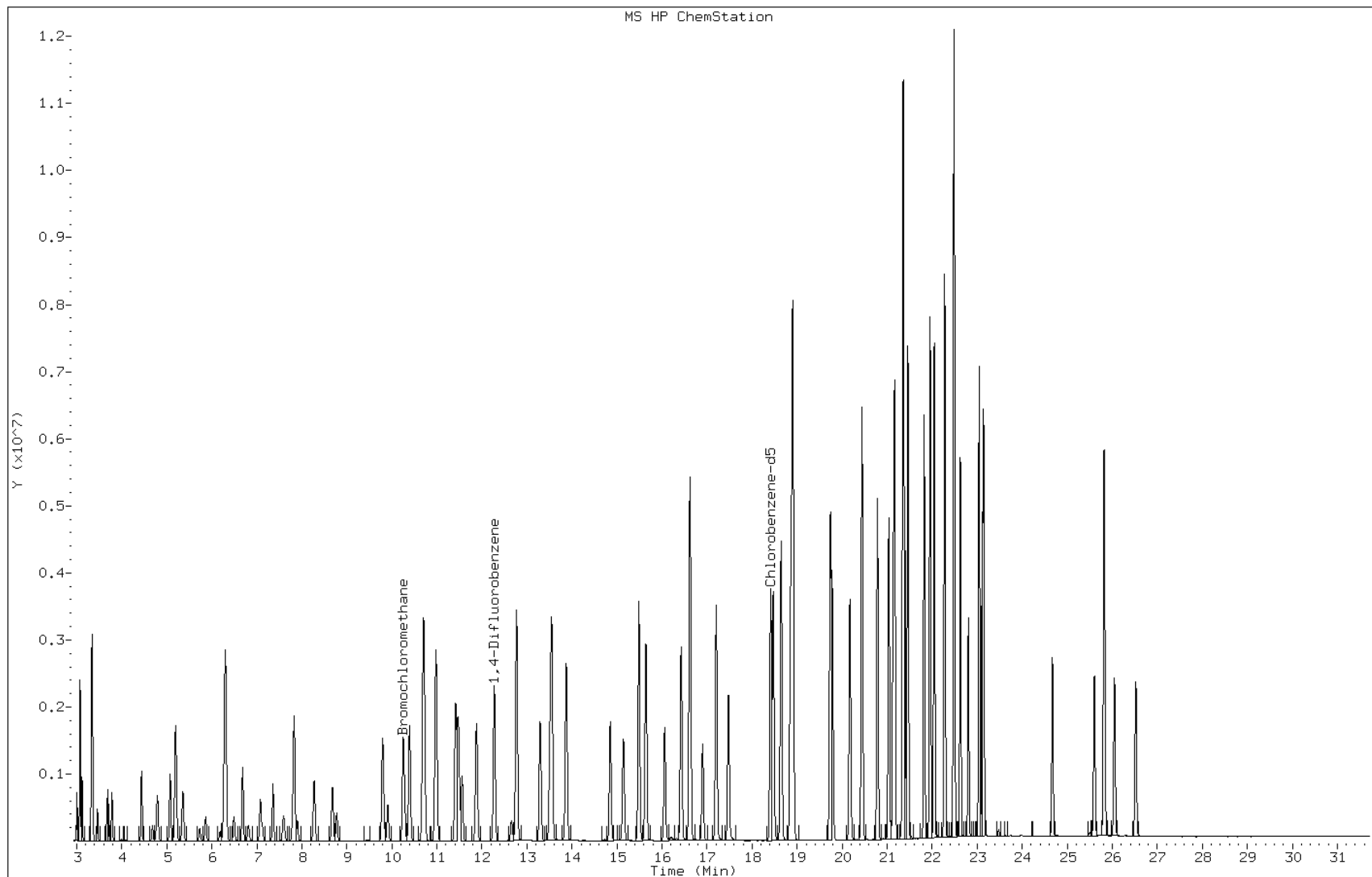
Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON -COL
							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	
1 Propene	41	3.006	3.006	(0.293)	269048	20.0000	20	
2 Dichlorodifluoromethane	85	3.076	3.076	(0.300)	2047190	20.0000	20	
3 Chlorodifluoromethane	51	3.119	3.119	(0.304)	859059	20.0000	20	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.338	3.338	(0.326)	2021068	20.0000	20	
5 Chloromethane	50	3.461	3.461	(0.338)	418488	20.0000	19	
6 Butane	43	3.675	3.675	(0.359)	565188	20.0000	20	
7 Vinyl chloride	62	3.702	3.702	(0.361)	552530	20.0000	19	
8 1,3-Butadiene	54	3.782	3.782	(0.369)	347277	20.0000	20	
9 Bromomethane	94	4.440	4.440	(0.433)	766714	20.0000	19	
10 Chloroethane	64	4.686	4.681	(0.457)	230675	20.0000	20	
11 2-Methylbutane	43	4.793	4.793	(0.468)	413991	20.0000	19	
12 Vinyl bromide	106	5.071	5.071	(0.495)	904742	20.0000	20	
13 Trichlorofluoromethane	101	5.200	5.200	(0.507)	2414266	20.0000	20	
14 Pentane	43	5.355	5.355	(0.522)	680966	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	5.734	5.729 (0.559)		270501	40.0000	37
16 Ethyl ether	59	5.863	5.863 (0.572)		296078	20.0000	20
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.291	6.291 (0.614)		1633617	20.0000	20
18 Acrolein	56	6.184	6.184 (0.603)		146632	20.0000	20
19 1,1-Dichloroethene	96	6.307	6.302 (0.615)		676726	20.0000	19
20 Acetone	43	6.489	6.489 (0.633)		598138	20.0000	19
21 Carbon disulfide	76	6.687	6.681 (0.652)		2003581	20.0000	20
22 Isopropanol	45	6.815	6.815 (0.665)		426821	20.0000	20
23 Allyl chloride	41	7.083	7.077 (0.691)		481402	20.0000	19
24 Acetonitrile	41	7.120	7.120 (0.695)		254815	20.0000	19
25 Methylene chloride	49	7.355	7.361 (0.718)		560674	20.0000	19
26 Tert-butyl alcohol	59	7.596	7.596 (0.741)		803870	20.0000	20
27 Methyl tert-butyl ether	73	7.810	7.816 (0.762)		1515565	20.0000	19
28 1,2-Dichloroethene (trans)	61	7.832	7.832 (0.764)		856677	20.0000	19
29 Acrylonitrile	53	7.901	7.901 (0.771)		287572	20.0000	20
30 n-Hexane	57	8.276	8.270 (0.807)		692886	20.0000	20
31 1,1-Dichloroethane	63	8.682	8.677 (0.847)		1136768	20.0000	20
32 Vinyl acetate	43	8.773	8.773 (0.856)		862313	20.0000	20
M 33 1,2-Dichloroethene,Total	61				1864429	40.0000	38
34 1,2-Dichloroethene (cis)	96	9.790	9.790 (0.955)		1007752	20.0000	19
35 Ethyl acetate	88	9.913	9.913 (0.967)		44432	20.0000	20
36 Methyl Ethyl Ketone	72	9.816	9.816 (0.958)		255887	20.0000	19
* 37 Bromochloromethane	128	10.250	10.244 (1.000)		683264	10.0000	
38 Tetrahydrofuran	42	10.276	10.276 (0.837)		450125	20.0000	20
39 Chloroform	83	10.394	10.394 (1.014)		2197351	20.0000	19
40 Cyclohexane	84	10.715	10.715 (0.873)		1291412	20.0000	21
41 1,1,1-Trichloroethane	97	10.699	10.699 (0.872)		2715168	20.0000	21
42 Carbon tetrachloride	117	10.977	10.972 (0.894)		3367152	20.0000	21
43 2,2,4-Trimethylpentane	57	11.475	11.469 (0.935)		3578163	20.0000	21
44 Benzene	78	11.411	11.411 (0.930)		2953062	20.0000	20
45 1,2-Dichloroethane	62	11.560	11.560 (0.942)		1232325	20.0000	20
46 n-Heptane	43	11.881	11.881 (0.968)		1103885	20.0000	20
* 47 1,4-Difluorobenzene	114	12.272	12.272 (1.000)		3728702	10.0000	
48 n-Butanol	56	12.657	12.657 (1.031)		324843	20.0000	21
49 Trichloroethene	95	12.769	12.769 (1.041)		1835254	20.0000	19
50 1,2-Dichloropropane	63	13.294	13.294 (1.083)		1229304	20.0000	20
51 Methyl methacrylate	69	13.508	13.513 (1.101)		950683	20.0000	21
52 Dibromomethane	174	13.550	13.550 (1.104)		1943659	20.0000	19
53 1,4-Dioxane	88	13.540	13.540 (1.103)		485289	20.0000	20
54 Bromodichloromethane	83	13.871	13.871 (1.130)		3004520	20.0000	20
55 1,3-Dichloropropene (cis)	75	14.850	14.850 (1.210)		1828927	20.0000	20
56 Methyl isobutyl ketone	43	15.139	15.145 (1.234)		1573531	20.0000	20
57 n-Octane	43	15.642	15.648 (1.275)		1906606	20.0000	20
58 Toluene	92	15.487	15.487 (0.841)		2984754	20.0000	19
59 1,3-Dichloropropene (trans)	75	16.059	16.059 (1.309)		1648969	20.0000	20
60 1,1,2-Trichloroethane	83	16.423	16.423 (0.892)		1356214	20.0000	18
61 Tetrachloroethene	166	16.621	16.621 (0.903)		3040346	20.0000	17

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	16.899	16.899	(0.918)	1399647	20.0000	20
63 Dibromochloromethane	129	17.204	17.204	(0.934)	3492039	20.0000	19
64 1,2-Dibromoethane	107	17.477	17.472	(0.949)	2604025	20.0000	19
* 65 Chlorobenzene-d5	117	18.413	18.413	(1.000)	4323461	10.0000	
66 Chlorobenzene	112	18.472	18.472	(1.003)	4144116	20.0000	18
67 n-Nonane	57	18.852	18.852	(1.024)	1931964	20.0000	19
68 Ethylbenzene	91	18.649	18.649	(1.013)	5875818	20.0000	19
69 Xylene (m,p)	106	18.900	18.900	(1.026)	4945955	40.0000	39
M 70 Xylenes, Total	106				7705949	20.0000	58
71 Xylene (o)	106	19.735	19.735	(1.072)	2759994	20.0000	20
72 Styrene	104	19.783	19.777	(1.074)	3456246	20.0000	21
73 Bromoform	173	20.173	20.173	(1.096)	2857688	20.0000	20
74 Isopropylbenzene	105	20.441	20.441	(1.110)	7460877	20.0000	20
75 1,1,2,2-Tetrachloroethane	83	21.035	21.040	(1.142)	3447224	20.0000	20
76 n-Propylbenzene	91	21.163	21.163	(1.149)	7406882	20.0000	21
77 1,2,3-Trichloropropane	75	21.131	21.131	(1.148)	2276307	20.0000	19
78 n-Decane	57	21.398	21.393	(1.162)	2177991	20.0000	20
79 4-Ethyltoluene	105	21.356	21.356	(1.160)	6223602	20.0000	21
80 2-Chlorotoluene	91	21.350	21.350	(1.159)	4986215	20.0000	19
81 1,3,5-Trimethylbenzene	105	21.463	21.463	(1.166)	5931961	20.0000	21
82 Alpha Methyl Styrene	118	21.821	21.821	(1.185)	3015618	20.0000	23
83 tert-butylbenzene	119	21.955	21.949	(1.192)	6065239	20.0000	20
84 1,2,4-Trimethylbenzene	105	22.046	22.046	(1.197)	5645468	20.0000	21
85 sec-Butylbenzene	105	22.281	22.281	(1.210)	8350807	20.0000	20
86 4-Isopropyltoluene	119	22.479	22.479	(1.221)	6621975	20.0000	21
87 1,3-Dichlorobenzene	146	22.495	22.495	(1.222)	3230902	20.0000	20
88 1,4-Dichlorobenzene	146	22.629	22.624	(1.229)	3271595	20.0000	21
89 Benzyl chloride	91	22.800	22.800	(1.238)	2916346	20.0000	24
90 Undecane	57	23.110	23.110	(1.255)	1851230	20.0000	20
91 n-Butylbenzene	91	23.046	23.046	(1.252)	4957878	20.0000	23
92 1,2-Dichlorobenzene	146	23.142	23.142	(1.257)	3645746	20.0000	21
93 Dodecane	57	24.672	24.672	(1.340)	1239890	20.0000	21
94 1,2,4-Trichlorobenzene	180	25.603	25.598	(1.390)	1289855	20.0000	23
95 1,3-Hexachlorobutadiene	225	25.823	25.823	(1.402)	1803126	20.0000	19
96 Naphthalene	128	26.053	26.053	(1.415)	3392052	20.0000	24
97 1,2,3-Trichlorobenzene	180	26.523	26.523	(1.440)	1379920	20.0000	24

Data File: ggz009.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 439905
Lab Sample ID: ic 439905

Date: 25-JAN-2013 15:42
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzto15.b/ggz010.d
Lab Smp Id: ic 439904
Inj Date : 25-JAN-2013 16:32
Operator : wrd
Smp Info : ic 439904
Misc Info : 200,1, level 07
Comment :
Method : /chem/G.i/Gsvr.p/ggzto15.b/to15v5.m
Meth Date : 26-Jan-2013 13:13 pd
Cal Date : 25-JAN-2013 16:32
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: G.i
Quant Type: ISTD
Cal File: gg010.d
Calibration Sample, Level: 7
Compound Sublist: allT015.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	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ppb v/v)	(ppb v/v)
1 Propene		41	3.006	3.006	(0.293)	529496	40.0000	39
2 Dichlorodifluoromethane		85	3.076	3.076	(0.300)	3908031	40.0000	38
3 Chlorodifluoromethane		51	3.119	3.119	(0.304)	1678795	40.0000	39
4 1,2-Dichloro-1,1,2,2-tetraflu		85	3.338	3.338	(0.326)	3840369	40.0000	38
5 Chloromethane		50	3.461	3.461	(0.338)	839214	40.0000	39
6 Butane		43	3.675	3.675	(0.359)	1125164	40.0000	39
7 Vinyl chloride		62	3.702	3.702	(0.361)	1101241	40.0000	39
8 1,3-Butadiene		54	3.782	3.782	(0.369)	680571	40.0000	40
9 Bromomethane		94	4.445	4.440	(0.434)	1538110	40.0000	39
10 Chloroethane		64	4.681	4.681	(0.457)	465385	40.0000	40(A)
11 2-Methylbutane		43	4.793	4.793	(0.468)	822242	40.0000	37
12 Vinyl bromide		106	5.077	5.071	(0.496)	1764580	40.0000	39
13 Trichlorofluoromethane		101	5.200	5.200	(0.508)	4679795	40.0000	38
14 Pentane		43	5.360	5.355	(0.523)	1310281	40.0000	39

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.745	5.729 (0.561)		686492	100.000	95
16 Ethyl ether	59	5.863	5.863 (0.572)		625450	40.0000	43(A)
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.296	6.291 (0.615)		3102939	40.0000	38
18 Acrolein	56	6.184	6.184 (0.604)		310309	40.0000	43(A)
19 1,1-Dichloroethene	96	6.307	6.302 (0.616)		1270822	40.0000	36
20 Acetone	43	6.494	6.489 (0.634)		1292576	40.0000	41(A)
21 Carbon disulfide	76	6.687	6.681 (0.653)		3995474	40.0000	40
22 Isopropanol	45	6.826	6.815 (0.666)		874784	40.0000	41(A)
23 Allyl chloride	41	7.083	7.077 (0.691)		1011813	40.0000	40
24 Acetonitrile	41	7.126	7.120 (0.696)		484118	40.0000	37(Q)
25 Methylene chloride	49	7.361	7.361 (0.719)		1107284	40.0000	39
26 Tert-butyl alcohol	59	7.602	7.596 (0.742)		1646605	40.0000	41(A)
27 Methyl tert-butyl ether	73	7.816	7.816 (0.763)		3170794	40.0000	41(A)
28 1,2-Dichloroethene (trans)	61	7.832	7.832 (0.764)		1641544	40.0000	38
29 Acrylonitrile	53	7.901	7.901 (0.771)		609126	40.0000	43(A)
30 n-Hexane	57	8.276	8.270 (0.808)		1373028	40.0000	40(A)
31 1,1-Dichloroethane	63	8.682	8.677 (0.848)		2233120	40.0000	39
32 Vinyl acetate	43	8.773	8.773 (0.856)		1969265	40.0000	46(A)
M 33 1,2-Dichloroethene,Total	61				3531810	80.0000	74
34 1,2-Dichloroethene (cis)	96	9.795	9.790 (0.956)		1890266	40.0000	36
35 Ethyl acetate	88	9.913	9.913 (0.968)		98285	40.0000	44(A)
36 Methyl Ethyl Ketone	72	9.822	9.816 (0.959)		560456	40.0000	42(A)
* 37 Bromochloromethane	128	10.245	10.244 (1.000)		675385	10.0000	
38 Tetrahydrofuran	42	10.277	10.276 (0.837)		971972	40.0000	43(A)
39 Chloroform	83	10.394	10.394 (1.015)		4208479	40.0000	38
40 Cyclohexane	84	10.721	10.715 (0.873)		2327109	40.0000	37
41 1,1,1-Trichloroethane	97	10.699	10.699 (0.871)		5013757	40.0000	38
42 Carbon tetrachloride	117	10.977	10.972 (0.894)		6544433	40.0000	40(A)
43 2,2,4-Trimethylpentane	57	11.475	11.469 (0.935)		6827636	40.0000	39
44 Benzene	78	11.416	11.411 (0.930)		5600784	40.0000	37
45 1,2-Dichloroethane	62	11.561	11.560 (0.942)		2475048	40.0000	40
46 n-Heptane	43	11.882	11.881 (0.968)		2161127	40.0000	39
* 47 1,4-Difluorobenzene	114	12.277	12.272 (1.000)		3772260	10.0000	
48 n-Butanol	56	12.663	12.657 (1.031)		693695	40.0000	44(A)
49 Trichloroethene	95	12.770	12.769 (1.040)		3463614	40.0000	35
50 1,2-Dichloropropane	63	13.294	13.294 (1.083)		2501336	40.0000	40(A)
51 Methyl methacrylate	69	13.513	13.513 (1.101)		2135349	40.0000	46(A)
52 Dibromomethane	174	13.556	13.550 (1.104)		3463590	40.0000	33
53 1,4-Dioxane	88	13.540	13.540 (1.103)		929324	40.0000	37
54 Bromodichloromethane	83	13.872	13.871 (1.130)		6171036	40.0000	41(A)
55 1,3-Dichloropropene (cis)	75	14.856	14.850 (1.210)		3911513	40.0000	42(A)
56 Methyl isobutyl ketone	43	15.145	15.145 (1.234)		3635272	40.0000	46(A)
57 n-Octane	43	15.648	15.648 (1.274)		3853805	40.0000	40
58 Toluene	92	15.493	15.487 (0.841)		6292863	40.0000	39
59 1,3-Dichloropropene (trans)	75	16.060	16.059 (1.308)		3742163	40.0000	46(A)
60 1,1,2-Trichloroethane	83	16.429	16.423 (0.892)		2902740	40.0000	39
61 Tetrachloroethene	166	16.621	16.621 (0.903)		5841713	40.0000	33

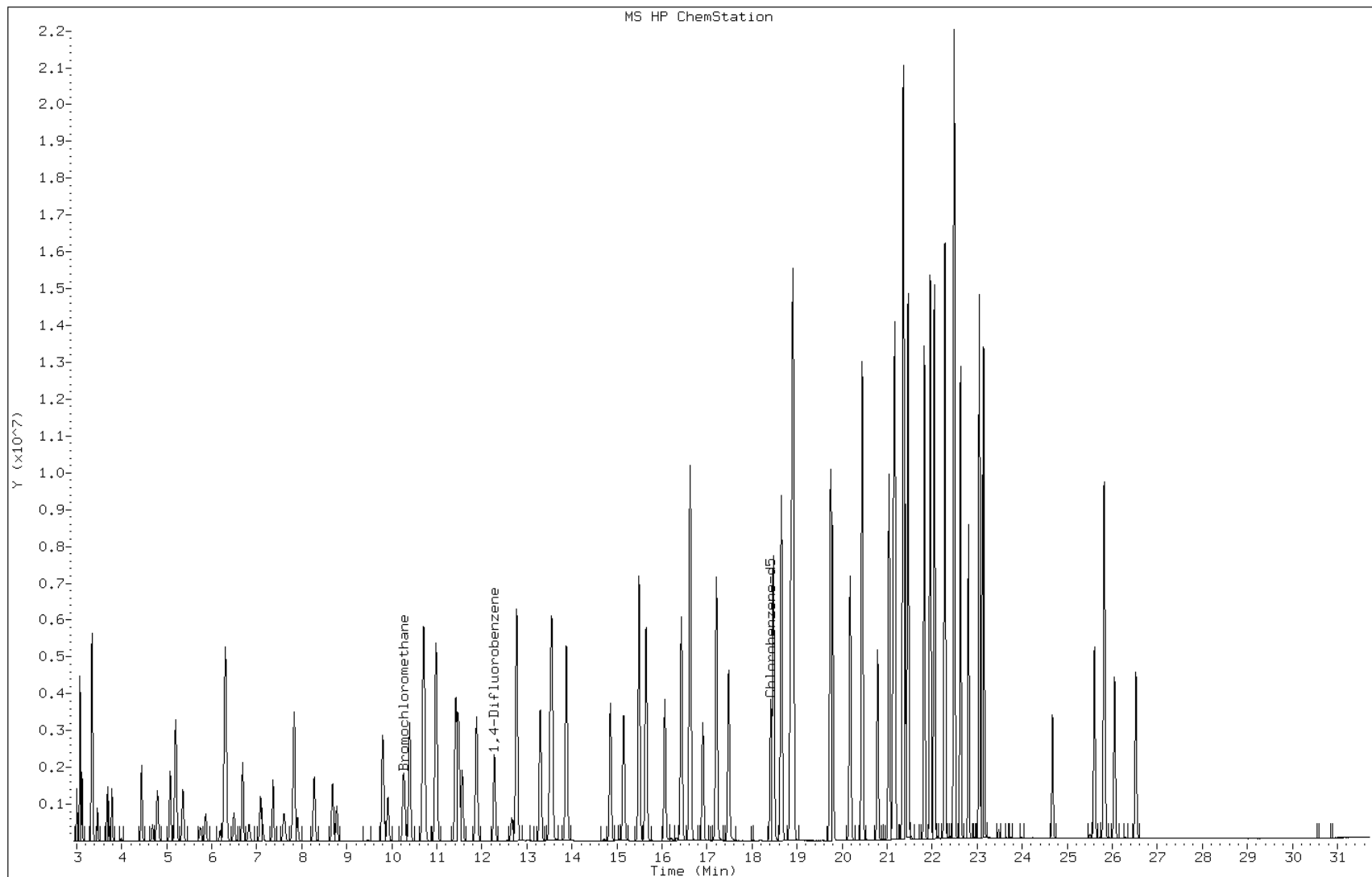
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	16.905	16.899	(0.918)	3230219	40.0000	46(A)
63 Dibromochloromethane	129	17.210	17.204	(0.935)	7488107	40.0000	41(A)
64 1,2-Dibromoethane	107	17.477	17.472	(0.949)	5631851	40.0000	40
* 65 Chlorobenzene-d5	117	18.414	18.413	(1.000)	4350339	10.0000	
66 Chlorobenzene	112	18.478	18.472	(1.003)	8957816	40.0000	39
67 n-Nonane	57	18.858	18.852	(1.024)	3936620	40.0000	39
68 Ethylbenzene	91	18.654	18.649	(1.013)	12862696	40.0000	42(A)
69 Xylene (m,p)	106	18.906	18.900	(1.027)	10017533	80.0000	78
M 70 Xylenes, Total	106				15805962	40.0000	120
71 Xylene (o)	106	19.740	19.735	(1.072)	5788429	40.0000	41(A)
72 Styrene	104	19.783	19.777	(1.074)	7719142	40.0000	46(A)
73 Bromoform	173	20.179	20.173	(1.096)	5935367	40.0000	42(A)
74 Isopropylbenzene	105	20.446	20.441	(1.110)	15785641	40.0000	42(A)
75 1,1,2,2-Tetrachloroethane	83	21.040	21.040	(1.143)	7353016	40.0000	42(A)
76 n-Propylbenzene	91	21.169	21.163	(1.150)	15673037	40.0000	44(A)
77 1,2,3-Trichloropropane	75	21.137	21.131	(1.148)	4957525	40.0000	42(A)
78 n-Decane	57	21.399	21.393	(1.162)	4478884	40.0000	41(A)
79 4-Ethyltoluene	105	21.361	21.356	(1.160)	12371889	40.0000	41(A)
80 2-Chlorotoluene	91	21.351	21.350	(1.159)	9786044	40.0000	38
81 1,3,5-Trimethylbenzene	105	21.468	21.463	(1.166)	12630299	40.0000	44(A)
82 Alpha Methyl Styrene	118	21.827	21.821	(1.185)	6680307	40.0000	51(A)
83 tert-butylbenzene	119	21.955	21.949	(1.192)	12540499	40.0000	41(A)
84 1,2,4-Trimethylbenzene	105	22.046	22.046	(1.197)	12059152	40.0000	45(A)
85 sec-Butylbenzene	105	22.287	22.281	(1.210)	17113405	40.0000	42(A)
86 4-Isopropyltoluene	119	22.485	22.479	(1.221)	12880055	40.0000	40
87 1,3-Dichlorobenzene	146	22.501	22.495	(1.222)	6329835	40.0000	40
88 1,4-Dichlorobenzene	146	22.629	22.624	(1.229)	7505126	40.0000	49(A)
89 Benzyl chloride	91	22.806	22.800	(1.239)	7694484	40.0000	62(A)
90 Undecane	57	23.111	23.110	(1.255)	3961048	40.0000	42(A)
91 n-Butylbenzene	91	23.046	23.046	(1.252)	10990084	40.0000	50(A)
92 1,2-Dichlorobenzene	146	23.148	23.142	(1.257)	7771994	40.0000	44(A)
93 Dodecane	57	24.673	24.672	(1.340)	1558555	40.0000	27
94 1,2,4-Trichlorobenzene	180	25.604	25.598	(1.390)	2836368	40.0000	51(A)
95 1,3-Hexachlorobutadiene	225	25.823	25.823	(1.402)	3033997	40.0000	32
96 Naphthalene	128	26.053	26.053	(1.415)	6305790	40.0000	44(A)
97 1,2,3-Trichlorobenzene	180	26.524	26.523	(1.440)	2652144	40.0000	46(A)

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: ggz010.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 439904
Lab Sample ID: ic 439904

Date: 25-JAN-2013 16:32
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab Sample ID: ICV 200-47421/13 Calibration Date: 11/01/2012 02:45
 Instrument ID: B.i Calib Start Date: 10/31/2012 18:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08
 Lab File ID: bku013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2112	0.1999		9.46	10.0	-5.4	30.0
Dichlorodifluoromethane	Ave	1.521	1.475		9.69	10.0	-3.0	30.0
Freon 22	Ave	0.5927	0.5627		9.49	10.0	-5.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.551	1.465		9.45	10.0	-5.5	30.0
Chloromethane	Ave	0.3180	0.3012		9.47	10.0	-5.3	30.0
n-Butane	Ave	0.5494	0.5051		9.19	10.0	-8.1	30.0
Vinyl chloride	Ave	0.4592	0.4331		9.43	10.0	-5.7	30.0
1,3-Butadiene	Ave	0.3247	0.3233		9.95	10.0	-0.4	30.0
Bromomethane	Ave	0.6858	0.6414		9.35	10.0	-6.5	30.0
Chloroethane	Ave	0.3049	0.3000		9.84	10.0	-1.6	30.0
Isopentane	Ave	0.5877	0.5539		9.42	10.0	-5.7	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8356	0.8453		10.1	10.0	1.2	30.0
Trichlorofluoromethane	Ave	2.381	2.319		9.74	10.0	-2.6	30.0
n-Pentane	Ave	0.9544	0.9143		9.58	10.0	-4.2	30.0
Ethanol	Ave	0.1975	0.2224		16.9	15.0	12.6	30.0
Ethyl ether	Ave	0.5310	0.5192		9.77	10.0	-2.2	30.0
Acrolein	Ave	0.2621	0.2129		8.12	10.0	-18.8	30.0
Freon TF	Ave	1.813	1.962		10.8	10.0	8.2	30.0
1,1-Dichloroethene	Ave	0.8503	0.9644		11.3	10.0	13.4	30.0
Acetone	Ave	0.9912	0.9755		9.84	10.0	-1.6	30.0
Carbon disulfide	Ave	2.390	2.495		10.4	10.0	4.4	30.0
Isopropyl alcohol	Ave	0.7191	0.7039		9.79	10.0	-2.1	30.0
3-Chloropropene	Ave	0.7253	0.7167		9.88	10.0	-1.2	30.0
Acetonitrile	Ave	0.4244	0.4194		9.88	10.0	-1.2	30.0
Methylene Chloride	Ave	0.6802	0.7125		10.5	10.0	4.7	30.0
tert-Butyl alcohol	Ave	1.318	1.305		9.89	10.0	-1.0	30.0
Methyl tert-butyl ether	Ave	2.486	2.504		10.1	10.0	0.7	30.0
trans-1,2-Dichloroethene	Ave	1.136	1.103		9.70	10.0	-2.9	30.0
Acrylonitrile	Ave	0.4561	0.4762		10.4	10.0	4.4	30.0
n-Hexane	Ave	1.125	1.129		10.0	10.0	0.3	30.0
1,1-Dichloroethane	Ave	1.396	1.384		9.92	10.0	-0.8	30.0
Vinyl acetate	Ave	1.545	1.468		9.50	10.0	-5.0	30.0
cis-1,2-Dichloroethene	Ave	0.9655	1.016		10.5	10.0	5.2	30.0
Methyl Ethyl Ketone	Ave	0.4130	0.4160		10.1	10.0	0.7	30.0
Ethyl acetate	Ave	0.0796	0.0833		10.5	10.0	4.6	30.0
Tetrahydrofuran	Ave	0.1408	0.1438		10.2	10.0	2.1	30.0
Chloroform	Ave	1.948	1.909		9.80	10.0	-2.0	30.0
1,1,1-Trichloroethane	Ave	0.4709	0.4693		9.96	10.0	-0.3	30.0
Cyclohexane	Ave	0.2696	0.2818		10.5	10.0	4.5	30.0
Carbon tetrachloride	Ave	0.5277	0.5092		9.65	10.0	-3.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab Sample ID: ICV 200-47421/13 Calibration Date: 11/01/2012 02:45
 Instrument ID: B.i Calib Start Date: 10/31/2012 18:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08
 Lab File ID: bku013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.7540	0.7724		10.2	10.0	2.4	30.0
Benzene	Ave	0.5795	0.5898		10.2	10.0	1.8	30.0
1,2-Dichloroethane	Ave	0.2540	0.2477		9.75	10.0	-2.5	30.0
n-Heptane	Ave	0.2466	0.2472		10.0	10.0	0.2	30.0
n-Butanol	Ave	0.0769	0.0713		9.27	10.0	-7.2	30.0
Trichloroethene	Ave	0.2951	0.2892		9.80	10.0	-2.0	30.0
1,2-Dichloropropane	Ave	0.1898	0.1833		9.66	10.0	-3.4	30.0
Methyl methacrylate	Ave	0.1912	0.2000		10.5	10.0	4.6	30.0
1,4-Dioxane	Ave	0.0884	0.0857		9.70	10.0	-3.0	30.0
Dibromomethane	Ave	0.3088	0.3263		10.6	10.0	5.7	30.0
Bromodichloromethane	Ave	0.4575	0.4731		10.3	10.0	3.4	30.0
cis-1,3-Dichloropropene	Ave	0.3190	0.3257		10.2	10.0	2.1	30.0
methyl isobutyl ketone	Ave	0.3023	0.3185		10.5	10.0	5.3	30.0
Toluene	Ave	0.5068	0.5099		10.1	10.0	0.6	30.0
n-Octane	Ave	0.3273	0.3241		9.90	10.0	-1.0	30.0
trans-1,3-Dichloropropene	Ave	0.3441	0.3443		10.0	10.0	0.0	30.0
1,1,2-Trichloroethane	Ave	0.2342	0.2288		9.76	10.0	-2.3	30.0
Tetrachloroethene	Ave	0.5476	0.5405		10.2	10.0	-1.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3185	0.3363		10.6	10.0	5.6	30.0
Dibromochloromethane	Ave	0.5749	0.6261		10.9	10.0	8.9	30.0
1,2-Dibromoethane	Ave	0.4867	0.4980		10.2	10.0	2.3	30.0
Chlorobenzene	Ave	0.7534	0.7491		9.94	10.0	-0.6	30.0
Ethylbenzene	Ave	1.134	1.146		10.1	10.0	1.0	30.0
n-Nonane	Ave	0.4076	0.4155		10.2	10.0	2.0	30.0
m,p-Xylene	Ave	0.4679	0.4707		20.1	20.0	0.6	30.0
Xylene, o-	Ave	0.4551	0.4639		10.2	10.0	1.9	30.0
Styrene	Ave	0.6774	0.7217		10.7	10.0	6.5	30.0
Bromoform	Ave	0.6056	0.6676		11.0	10.0	10.2	30.0
Cumene	Ave	1.342	1.395		10.4	10.0	3.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6131	0.5981		9.75	10.0	-2.5	30.0
n-Propylbenzene	Ave	1.489	1.532		10.3	10.0	2.9	30.0
1,2,3-Trichloropropane	Ave	0.4419	0.4575		10.4	10.0	3.5	30.0
n-Decane	Ave	0.5079	0.5250		10.3	10.0	3.4	30.0
4-Ethyltoluene	Ave	1.361	1.445		10.6	10.0	6.1	30.0
2-Chlorotoluene	Ave	1.216	1.243		10.2	10.0	2.2	30.0
1,3,5-Trimethylbenzene	Ave	1.175	1.188		10.1	10.0	1.1	30.0
Alpha Methyl Styrene	Ave	0.5745	0.6380		11.1	10.0	11.1	30.0
tert-Butylbenzene	Ave	1.145	1.181		10.3	10.0	3.1	30.0
1,2,4-Trimethylbenzene	Ave	1.160	1.153		9.93	10.0	-0.7	30.0
sec-Butylbenzene	Ave	1.707	1.706		9.99	10.0	-0.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab Sample ID: ICV 200-47421/13 Calibration Date: 11/01/2012 02:45
 Instrument ID: B.i Calib Start Date: 10/31/2012 18:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08
 Lab File ID: bku013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.447	1.517		10.5	10.0	4.8	30.0
1,3-Dichlorobenzene	Ave	0.8819	0.8822		10.0	10.0	0.0	30.0
1,4-Dichlorobenzene	Ave	0.8971	0.8954		9.98	10.0	-0.2	30.0
Benzyl chloride	Ave	0.9775	0.8908		9.11	10.0	-8.9	30.0
n-Undecane	Ave	0.4872	0.5344		11.0	10.0	9.7	30.0
n-Butylbenzene	Ave	1.173	1.199		10.2	10.0	2.3	30.0
1,2-Dichlorobenzene	Ave	0.8557	0.8274		9.67	10.0	-3.3	30.0
n-Dodecane	Ave	0.4117	0.4633		11.3	10.0	12.5	30.0
1,2,4-Trichlorobenzene	Ave	0.6699	0.7537		11.2	10.0	12.5	30.0
Hexachlorobutadiene	Ave	0.6778	0.6693		9.87	10.0	-1.3	30.0
Naphthalene	Ave	1.360	1.620		11.9	10.0	19.1	30.0
1,2,3-Trichlorobenzene	Ave	0.6007	0.7351		12.2	10.0	22.4	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku013.d
Lab Smp Id: icv 410869
Inj Date : 01-NOV-2012 02:45
Operator : wrd
Smp Info : icv 410869
Misc Info : 200,1, icv
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd
Cal Date : 01-NOV-2012 00:08
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bku010.d
QC Sample: LCS
Compound Sublist: allT015.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 MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	2.965	2.965	(0.326)	75523	9.46158	9.5
2 Dichlorodifluoromethane	85	3.013	3.013	(0.331)	557247	9.69372	9.7
3 Chlorodifluoromethane	51	3.045	3.045	(0.334)	212600	9.49302	9.5
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.351)	553568	9.44762	9.4
5 Chloromethane	50	3.307	3.301	(0.363)	113803	9.47216	9.5
6 Butane	43	3.446	3.446	(0.378)	190821	9.19155	9.2
7 Vinyl chloride	62	3.478	3.478	(0.382)	163609	9.42817	9.4
8 1,3-Butadiene	54	3.531	3.531	(0.388)	122142	9.95481	10
9 Bromomethane	94	4.070	4.065	(0.447)	242309	9.34997	9.3
10 Chloroethane	64	4.262	4.262	(0.468)	113329	9.83755	9.8
11 2-Methylbutane	43	4.331	4.337	(0.476)	209260	9.42341	9.4
12 Vinyl bromide	106	4.625	4.625	(0.508)	319356	10.1138	10
13 Trichlorofluoromethane	101	4.721	4.716	(0.518)	876176	9.73681	9.7
14 Pentane	43	4.849	4.844	(0.532)	345405	9.57739	9.6

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.228	5.223 (0.574)		126080	16.8986	17
16 Ethyl ether	59	5.324	5.324 (0.585)		196141	9.77498	9.8
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.703	5.708 (0.626)		741314	10.8191	11
18 Acrolein	56	5.671	5.671 (0.623)		80436	8.12020	8.1
19 1,1-Dichloroethene	96	5.767	5.767 (0.633)		364345	11.3402	11
20 Acetone	43	5.949	5.943 (0.653)		368527	9.83903	9.8
21 Carbon disulfide	76	6.178	6.178 (0.678)		942670	10.4376	10
22 Isopropanol	45	6.231	6.221 (0.684)		265919	9.78585	9.8
23 Allyl chloride	41	6.456	6.450 (0.709)		270779	9.88039	9.9
24 Acetonitrile	41	6.530	6.530 (0.717)		158427	9.87820	9.9
25 Methylene chloride	49	6.712	6.712 (0.737)		269179	10.4727	10
26 Tert-butyl alcohol	59	6.931	6.936 (0.761)		492905	9.89355	9.9
27 Methyl tert-butyl ether	73	7.091	7.091 (0.778)		946062	10.0718	10
28 1,2-Dichloroethene (trans)	61	7.112	7.112 (0.781)		416564	9.70480	9.7
29 Acrylonitrile	53	7.192	7.197 (0.790)		179904	10.4394	10
30 n-Hexane	57	7.443	7.443 (0.817)		426393	10.0296	10
31 1,1-Dichloroethane	63	7.843	7.843 (0.861)		522931	9.91582	9.9
32 Vinyl acetate	43	7.875	7.875 (0.865)		554669	9.50300	9.5
M 33 1,2-Dichloroethene,Total	61				800286	20.2227	20
34 1,2-Dichloroethene (cis)	96	8.745	8.750 (0.960)		383722	10.5179	11
35 Ethyl acetate	88	8.793	8.788 (0.965)		31454	10.4599	10
36 Methyl Ethyl Ketone	72	8.761	8.761 (0.962)		157143	10.0695	10(Q)
* 37 Bromochloromethane	128	9.108	9.113 (1.000)		377866	10.0000	
38 Tetrahydrofuran	42	9.151	9.151 (0.869)		248488	10.2125	10
39 Chloroform	83	9.193	9.193 (1.009)		721333	9.79923	9.8
40 Cyclohexane	84	9.444	9.450 (0.897)		486840	10.4526	10
41 1,1,1-Trichloroethane	97	9.434	9.434 (0.896)		810731	9.96499	10
42 Carbon tetrachloride	117	9.642	9.642 (0.916)		879653	9.64817	9.6
43 2,2,4-Trimethylpentane	57	9.935	9.930 (0.944)		1334277	10.2418	10
44 Benzene	78	9.967	9.967 (0.947)		1018829	10.1752	10
45 1,2-Dichloroethane	62	10.069	10.074 (0.956)		427907	9.74983	9.7
46 n-Heptane	43	10.197	10.202 (0.969)		426978	10.0209	10
* 47 1,4-Difluorobenzene	114	10.528	10.522 (1.000)		1727813	10.0000	
48 n-Butanol	56	10.832	10.821 (1.029)		123244	9.27477	9.3
49 Trichloroethene	95	10.885	10.885 (1.034)		499586	9.79868	9.8
50 1,2-Dichloropropane	63	11.248	11.248 (1.068)		316672	9.65607	9.7
51 Methyl methacrylate	69	11.323	11.323 (1.076)		345470	10.4582	10
52 Dibromomethane	174	11.435	11.435 (1.086)		563620	10.5639	11
53 1,4-Dioxane	88	11.430	11.430 (1.086)		148097	9.69796	9.7
54 Bromodichloromethane	83	11.616	11.616 (1.103)		817272	10.3396	10
55 1,3-Dichloropropene (cis)	75	12.246	12.241 (1.163)		562614	10.2064	10
56 Methyl isobutyl ketone	43	12.428	12.428 (1.180)		550138	10.5326	11
57 n-Octane	43	12.678	12.678 (1.204)		559935	9.90200	9.9
58 Toluene	92	12.668	12.668 (0.864)		797090	10.0595	10
59 1,3-Dichloropropene (trans)	75	13.041	13.041 (1.239)		594681	10.0020	10
60 1,1,2-Trichloroethane	83	13.303	13.303 (0.908)		357576	9.76339	9.8
61 Tetrachloroethene	166	13.431	13.431 (0.916)		844957	10.2055	10

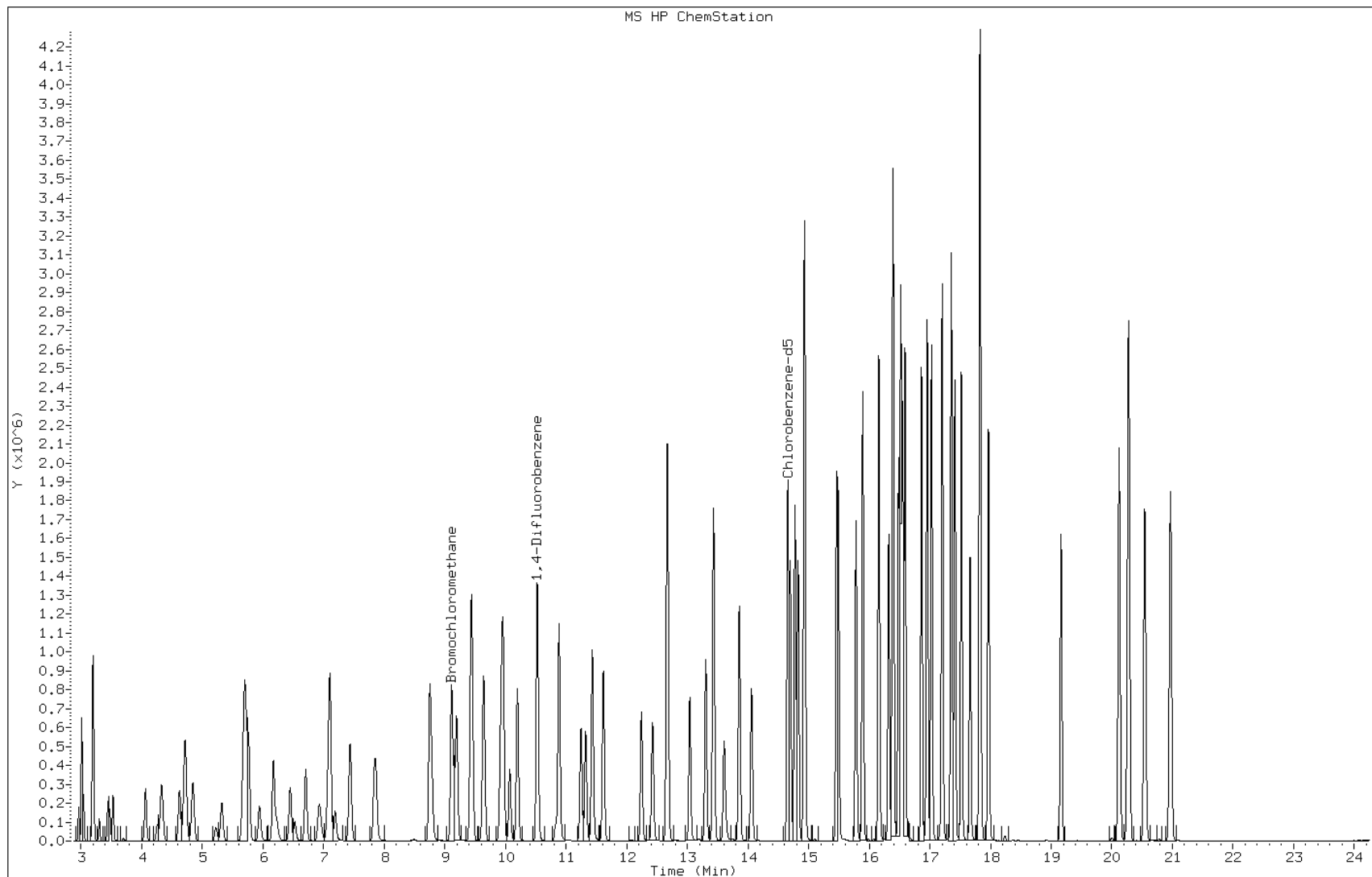
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.607	13.607	(0.928)	525751	10.5594	11
63 Dibromochloromethane	129	13.858	13.858	(0.945)	978707	10.8891	11
64 1,2-Dibromoethane	107	14.061	14.061	(0.959)	778448	10.2302	10
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1563465	10.0000	
66 Chlorobenzene	112	14.696	14.696	(1.003)	1170885	9.94052	9.9
67 n-Nonane	57	14.829	14.829	(1.012)	649527	10.1935	10
68 Ethylbenzene	91	14.776	14.776	(1.008)	1790633	10.1000	10
69 Xylene (m,p)	106	14.931	14.936	(1.019)	1471603	20.1165	20
M 70 Xylenes, Total	106				2196674	30.3074	30
71 Xylene (o)	106	15.464	15.464	(1.055)	725071	10.1910	10
72 Styrene	104	15.496	15.491	(1.057)	1128154	10.6525	11
73 Bromoform	173	15.784	15.784	(1.077)	1043527	11.0220	11
74 Isopropylbenzene	105	15.897	15.897	(1.084)	2180118	10.3874	10
75 1,1,2,2-Tetrachloroethane	83	16.323	16.323	(1.114)	934844	9.75202	9.8
76 n-Propylbenzene	91	16.393	16.388	(1.118)	2395302	10.2908	10
77 1,2,3-Trichloropropane	75	16.398	16.398	(1.119)	715216	10.3521	10
78 n-Decane	57	16.484	16.489	(1.125)	820670	10.3346	10
79 4-Ethyltoluene	105	16.521	16.521	(1.127)	2258131	10.6100	11
80 2-Chlorotoluene	91	16.553	16.553	(1.129)	1942555	10.2186	10
81 1,3,5-Trimethylbenzene	105	16.590	16.590	(1.132)	1856875	10.1067	10
82 Alpha Methyl Styrene	118	16.863	16.863	(1.150)	997343	11.1036	11
83 tert-butylbenzene	119	16.959	16.959	(1.157)	1845455	10.3048	10
84 1,2,4-Trimethylbenzene	105	17.028	17.028	(1.162)	1801789	9.93104	9.9
85 sec-Butylbenzene	105	17.204	17.204	(1.174)	2666056	9.99248	10
86 4-Isopropyltoluene	119	17.354	17.354	(1.184)	2370628	10.4773	10
87 1,3-Dichlorobenzene	146	17.418	17.418	(1.188)	1379087	10.0021	10
88 1,4-Dichlorobenzene	146	17.519	17.524	(1.195)	1399629	9.97848	10
89 Benzyl chloride	91	17.663	17.668	(1.205)	1392447	9.11087	9.1
90 Undecane	57	17.823	17.823	(1.216)	835314	10.9657	11
91 n-Butylbenzene	91	17.834	17.834	(1.217)	1874844	10.2231	10
92 1,2-Dichlorobenzene	146	17.973	17.973	(1.226)	1293312	9.66664	9.7
93 Dodecane	57	19.163	19.163	(1.307)	724219	11.2514	11
94 1,2,4-Trichlorobenzene	180	20.118	20.118	(1.372)	1178082	11.2487	11
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	1046145	9.87265	9.9
96 Naphthalene	128	20.540	20.545	(1.401)	2532846	11.9116	12
97 1,2,3-Trichlorobenzene	180	20.967	20.967	(1.430)	1149066	12.2351	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: bku013.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 410869
Lab Sample ID: icv 410869

Date: 01-NOV-2012 02:45
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Lab Sample ID: CCVIS 200-51767/3 Calibration Date: 02/11/2013 11:49

Instrument ID: B.i Calib Start Date: 10/31/2012 18:01

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08

Lab File ID: bkuaau03.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2112	0.2648		12.5	10.0	25.4	30.0
Dichlorodifluoromethane	Ave	1.521	1.817		11.9	10.0	19.5	30.0
Freon 22	Ave	0.5927	0.6877		11.6	10.0	16.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.551	1.736		11.2	10.0	11.9	30.0
Chloromethane	Ave	0.3180	0.3506		11.0	10.0	10.3	30.0
n-Butane	Ave	0.5494	0.5853		10.7	10.0	6.5	30.0
Vinyl chloride	Ave	0.4592	0.5084		11.1	10.0	10.7	30.0
1,3-Butadiene	Ave	0.3247	0.3531		10.9	10.0	8.7	30.0
Bromomethane	Ave	0.6858	0.8421		12.3	10.0	22.8	30.0
Chloroethane	Ave	0.3049	0.3899		12.8	10.0	27.9	30.0
Isopentane	Ave	0.5877	0.7299		12.4	10.0	24.2	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8356	1.019		12.2	10.0	21.9	30.0
Trichlorofluoromethane	Ave	2.381	2.502		10.5	10.0	5.1	30.0
n-Pentane	Ave	0.9544	1.285		13.5	10.0	34.7*	30.0
Ethanol	Ave	0.1975	0.2435		18.5	15.0	23.3	30.0
Ethyl ether	Ave	0.5310	0.6189		11.7	10.0	16.5	30.0
Acrolein	Ave	0.2621	0.3169		12.1	10.0	20.9	30.0
Freon TF	Ave	1.813	1.896		10.5	10.0	4.5	30.0
1,1-Dichloroethene	Ave	0.8503	0.9269		10.9	10.0	9.0	30.0
Acetone	Ave	0.9912	1.162		11.7	10.0	17.2	30.0
Carbon disulfide	Ave	2.390	2.726		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.7191	0.9521		13.2	10.0	32.4*	30.0
3-Chloropropene	Ave	0.7253	0.8501		11.7	10.0	17.2	30.0
Acetonitrile	Ave	0.4244	0.5768		13.6	10.0	35.9*	30.0
Methylene Chloride	Ave	0.6802	0.8066		11.9	10.0	18.6	30.0
tert-Butyl alcohol	Ave	1.318	1.592		12.1	10.0	20.7	30.0
Methyl tert-butyl ether	Ave	2.486	2.617		10.5	10.0	5.3	30.0
trans-1,2-Dichloroethene	Ave	1.136	1.262		11.1	10.0	11.1	30.0
Acrylonitrile	Ave	0.4561	0.5781		12.7	10.0	26.8	30.0
n-Hexane	Ave	1.125	1.307		11.6	10.0	16.2	30.0
1,1-Dichloroethane	Ave	1.396	1.553		11.1	10.0	11.3	30.0
Vinyl acetate	Ave	1.545	1.838		11.9	10.0	19.0	30.0
cis-1,2-Dichloroethene	Ave	0.9655	1.066		11.0	10.0	10.5	30.0
Methyl Ethyl Ketone	Ave	0.4130	0.4689		11.4	10.0	13.5	30.0
Ethyl acetate	Ave	0.0796	0.0889		11.2	10.0	11.7	30.0
Tetrahydrofuran	Ave	0.1408	0.1775		12.6	10.0	26.0	30.0
Chloroform	Ave	1.948	2.028		10.4	10.0	4.1	30.0
1,1,1-Trichloroethane	Ave	0.4709	0.4692		9.96	10.0	-0.4	30.0
Cyclohexane	Ave	0.2696	0.3005		11.1	10.0	11.5	30.0
Carbon tetrachloride	Ave	0.5277	0.4897		9.28	10.0	-7.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-51767/3 Calibration Date: 02/11/2013 11:49
 Instrument ID: B.i Calib Start Date: 10/31/2012 18:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08
 Lab File ID: bkuau03.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.7540	0.8864		11.8	10.0	17.6	30.0
Benzene	Ave	0.5795	0.6472		11.2	10.0	11.7	30.0
1,2-Dichloroethane	Ave	0.2540	0.2582		10.2	10.0	1.6	30.0
n-Heptane	Ave	0.2466	0.2945		11.9	10.0	19.4	30.0
n-Butanol	Ave	0.0769	0.0962		12.5	10.0	25.0	30.0
Trichloroethene	Ave	0.2951	0.3066		10.4	10.0	3.9	30.0
1,2-Dichloropropane	Ave	0.1898	0.2167		11.4	10.0	14.2	30.0
Methyl methacrylate	Ave	0.1912	0.2294		12.0	10.0	20.0	30.0
1,4-Dioxane	Ave	0.0884	0.1152		13.0	10.0	30.3*	30.0
Dibromomethane	Ave	0.3088	0.3066		9.93	10.0	-0.7	30.0
Bromodichloromethane	Ave	0.4575	0.4883		10.7	10.0	6.7	30.0
cis-1,3-Dichloropropene	Ave	0.3190	0.3627		11.4	10.0	13.7	30.0
methyl isobutyl ketone	Ave	0.3023	0.3794		12.5	10.0	25.5	30.0
Toluene	Ave	0.5068	0.5639		11.1	10.0	11.3	30.0
n-Octane	Ave	0.3273	0.4006		12.2	10.0	22.4	30.0
trans-1,3-Dichloropropene	Ave	0.3441	0.3796		11.0	10.0	10.3	30.0
1,1,2-Trichloroethane	Ave	0.2342	0.2683		11.4	10.0	14.5	30.0
Tetrachloroethene	Ave	0.5476	0.5250		9.58	10.0	-4.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3185	0.4058		12.7	10.0	27.4	30.0
Dibromochloromethane	Ave	0.5749	0.6131		10.7	10.0	6.6	30.0
1,2-Dibromoethane	Ave	0.4867	0.5440		11.2	10.0	11.8	30.0
Chlorobenzene	Ave	0.7534	0.8014		10.6	10.0	6.4	30.0
Ethylbenzene	Ave	1.134	1.238		10.9	10.0	9.1	30.0
n-Nonane	Ave	0.4076	0.4779		11.7	10.0	17.3	30.0
m,p-Xylene	Ave	0.4679	0.5196		22.2	20.0	11.0	30.0
Xylene, o-	Ave	0.4551	0.5063		11.1	10.0	11.3	30.0
Styrene	Ave	0.6774	0.7872		11.6	10.0	16.2	30.0
Bromoform	Ave	0.6056	0.6277		10.4	10.0	3.7	30.0
Cumene	Ave	1.342	1.439		10.7	10.0	7.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6131	0.7097		11.6	10.0	15.7	30.0
n-Propylbenzene	Ave	1.489	1.674		11.2	10.0	12.5	30.0
1,2,3-Trichloropropane	Ave	0.4419	0.5112		11.6	10.0	15.7	30.0
n-Decane	Ave	0.5079	0.5983		11.8	10.0	17.8	30.0
4-Ethyltoluene	Ave	1.361	1.497		11.0	10.0	9.9	30.0
2-Chlorotoluene	Ave	1.216	1.294		10.6	10.0	6.5	30.0
1,3,5-Trimethylbenzene	Ave	1.175	1.226		10.4	10.0	4.3	30.0
Alpha Methyl Styrene	Ave	0.5745	0.6610		11.5	10.0	15.0	30.0
tert-Butylbenzene	Ave	1.145	1.190		10.4	10.0	3.9	30.0
1,2,4-Trimethylbenzene	Ave	1.160	1.221		10.5	10.0	5.2	30.0
sec-Butylbenzene	Ave	1.707	1.785		10.5	10.0	4.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-51767/3 Calibration Date: 02/11/2013 11:49
 Instrument ID: B.i Calib Start Date: 10/31/2012 18:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08
 Lab File ID: bkuaau03.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.447	1.522		10.5	10.0	5.2	30.0
1,3-Dichlorobenzene	Ave	0.8819	0.9129		10.3	10.0	3.5	30.0
1,4-Dichlorobenzene	Ave	0.8971	0.9238		10.3	10.0	3.0	30.0
Benzyl chloride	Ave	0.9775	1.018		10.4	10.0	4.2	30.0
n-Undecane	Ave	0.4872	0.5988		12.3	10.0	22.9	30.0
n-Butylbenzene	Ave	1.173	1.313		11.2	10.0	12.0	30.0
1,2-Dichlorobenzene	Ave	0.8557	0.8710		10.2	10.0	1.8	30.0
n-Dodecane	Ave	0.4117	0.4729		11.5	10.0	14.9	30.0
1,2,4-Trichlorobenzene	Ave	0.6699	0.6541		9.76	10.0	-2.3	30.0
Hexachlorobutadiene	Ave	0.6778	0.5490		8.10	10.0	-19.0	30.0
Naphthalene	Ave	1.360	1.382		10.2	10.0	1.6	30.0
1,2,3-Trichlorobenzene	Ave	0.6007	0.5882		9.79	10.0	-2.1	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuaau15.b/bkuaau03.d
Lab Smp Id: ccvis 459536
Inj Date : 11-FEB-2013 11:49
Operator : pad
Smp Info : ccvis 459536
Misc Info : 200,1, ccvis
Comment :
Method : /chem/B.i/Bsvr.p/bkuaau15.b/to15v5.m
Meth Date : 11-Feb-2013 13:54 pd
Cal Date : 31-OCT-2012 18:01
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bku003.d
Continuing Calibration Sample
Compound Sublist: allT015.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						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41		2.965	2.965	(0.326)	106966	10.0000	13
2 Dichlorodifluoromethane	85		3.013	3.013	(0.331)	734107	10.0000	12
3 Chlorodifluoromethane	51		3.040	3.045	(0.334)	277792	10.0000	12
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.194	3.200	(0.351)	701180	10.0000	11
5 Chloromethane	50		3.301	3.301	(0.363)	141615	10.0000	11
6 Butane	43		3.445	3.446	(0.379)	236443	10.0000	11
7 Vinyl chloride	62		3.472	3.478	(0.382)	205370	10.0000	11
8 1,3-Butadiene	54		3.531	3.531	(0.388)	142635	10.0000	11
9 Bromomethane	94		4.059	4.065	(0.446)	340192	10.0000	12
10 Chloroethane	64		4.251	4.262	(0.467)	157498	10.0000	13
11 2-Methylbutane	43		4.326	4.337	(0.476)	294834	10.0000	12
12 Vinyl bromide	106		4.619	4.625	(0.508)	411501	10.0000	12
13 Trichlorofluoromethane	101		4.710	4.716	(0.518)	1010729	10.0000	11
14 Pentane	43		4.843	4.844	(0.532)	519233	10.0000	13

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====		==	=====	=====	=====	=====	=====
15 Ethanol	45		5.206	5.223	(0.572)	147578	15.0000	18
16 Ethyl ether	59		5.319	5.324	(0.585)	249995	10.0000	12
17 1,1,2-Trichloro-1,2,2-trifluo	101		5.697	5.708	(0.626)	765793	10.0000	10
18 Acrolein	56		5.660	5.671	(0.622)	128007	10.0000	12
19 1,1-Dichloroethene	96		5.756	5.767	(0.633)	374436	10.0000	11
20 Acetone	43		5.938	5.943	(0.653)	469423	10.0000	12
21 Carbon disulfide	76		6.167	6.178	(0.678)	1101299	10.0000	11
22 Isopropanol	45		6.204	6.221	(0.682)	384605	10.0000	13
23 Allyl chloride	41		6.445	6.450	(0.708)	343397	10.0000	12
24 Acetonitrile	41		6.519	6.530	(0.717)	232993	10.0000	14
25 Methylene chloride	49		6.701	6.712	(0.737)	325849	10.0000	12
26 Tert-butyl alcohol	59		6.920	6.936	(0.761)	643080	10.0000	12
27 Methyl tert-butyl ether	73		7.074	7.091	(0.778)	1057038	10.0000	11
28 1,2-Dichloroethene (trans)	61		7.101	7.112	(0.781)	509652	10.0000	11
29 Acrylonitrile	53		7.181	7.197	(0.789)	233531	10.0000	13
30 n-Hexane	57		7.432	7.443	(0.817)	528054	10.0000	12
31 1,1-Dichloroethane	63		7.832	7.843	(0.861)	627226	10.0000	11
32 Vinyl acetate	43		7.864	7.875	(0.864)	742655	10.0000	12
M 33 1,2-Dichloroethene,Total	61					940433	20.0000	22
34 1,2-Dichloroethene (cis)	96		8.739	8.750	(0.961)	430781	10.0000	11
35 Ethyl acetate	88		8.777	8.788	(0.965)	35906	10.0000	11
36 Methyl Ethyl Ketone	72		8.745	8.761	(0.961)	189404	10.0000	11(Q)
* 37 Bromochloromethane	128		9.097	9.113	(1.000)	404039	10.0000	
38 Tetrahydrofuran	42		9.140	9.151	(0.869)	330132	10.0000	13
39 Chloroform	83		9.182	9.193	(1.009)	819269	10.0000	10
40 Cyclohexane	84		9.433	9.450	(0.897)	558929	10.0000	11
41 1,1,1-Trichloroethane	97		9.423	9.434	(0.896)	872629	10.0000	10
42 Carbon tetrachloride	117		9.631	9.642	(0.916)	910740	10.0000	9.3
43 2,2,4-Trimethylpentane	57		9.924	9.930	(0.944)	1648698	10.0000	12
44 Benzene	78		9.951	9.967	(0.946)	1203790	10.0000	11
45 1,2-Dichloroethane	62		10.058	10.074	(0.956)	480138	10.0000	10
46 n-Heptane	43		10.186	10.202	(0.969)	547745	10.0000	12
* 47 1,4-Difluorobenzene	114		10.517	10.522	(1.000)	1860280	10.0000	
48 n-Butanol	56		10.805	10.821	(1.027)	178822	10.0000	12
49 Trichloroethene	95		10.874	10.885	(1.034)	570236	10.0000	10
50 1,2-Dichloropropane	63		11.237	11.248	(1.068)	403128	10.0000	11
51 Methyl methacrylate	69		11.312	11.323	(1.076)	426585	10.0000	12
52 Dibromomethane	174		11.424	11.435	(1.086)	570326	10.0000	9.9
53 1,4-Dioxane	88		11.413	11.430	(1.085)	214266	10.0000	13
54 Bromodichloromethane	83		11.605	11.616	(1.104)	908210	10.0000	11
55 1,3-Dichloropropene (cis)	75		12.235	12.241	(1.163)	674552	10.0000	11
56 Methyl isobutyl ketone	43		12.417	12.428	(1.181)	705568	10.0000	13
57 n-Octane	43		12.667	12.678	(1.204)	745096	10.0000	12
58 Toluene	92		12.657	12.668	(0.864)	957386	10.0000	11
59 1,3-Dichloropropene (trans)	75		13.030	13.041	(1.239)	706108	10.0000	11
60 1,1,2-Trichloroethane	83		13.292	13.303	(0.907)	455415	10.0000	11
61 Tetrachloroethene	166		13.425	13.431	(0.917)	891237	10.0000	9.6

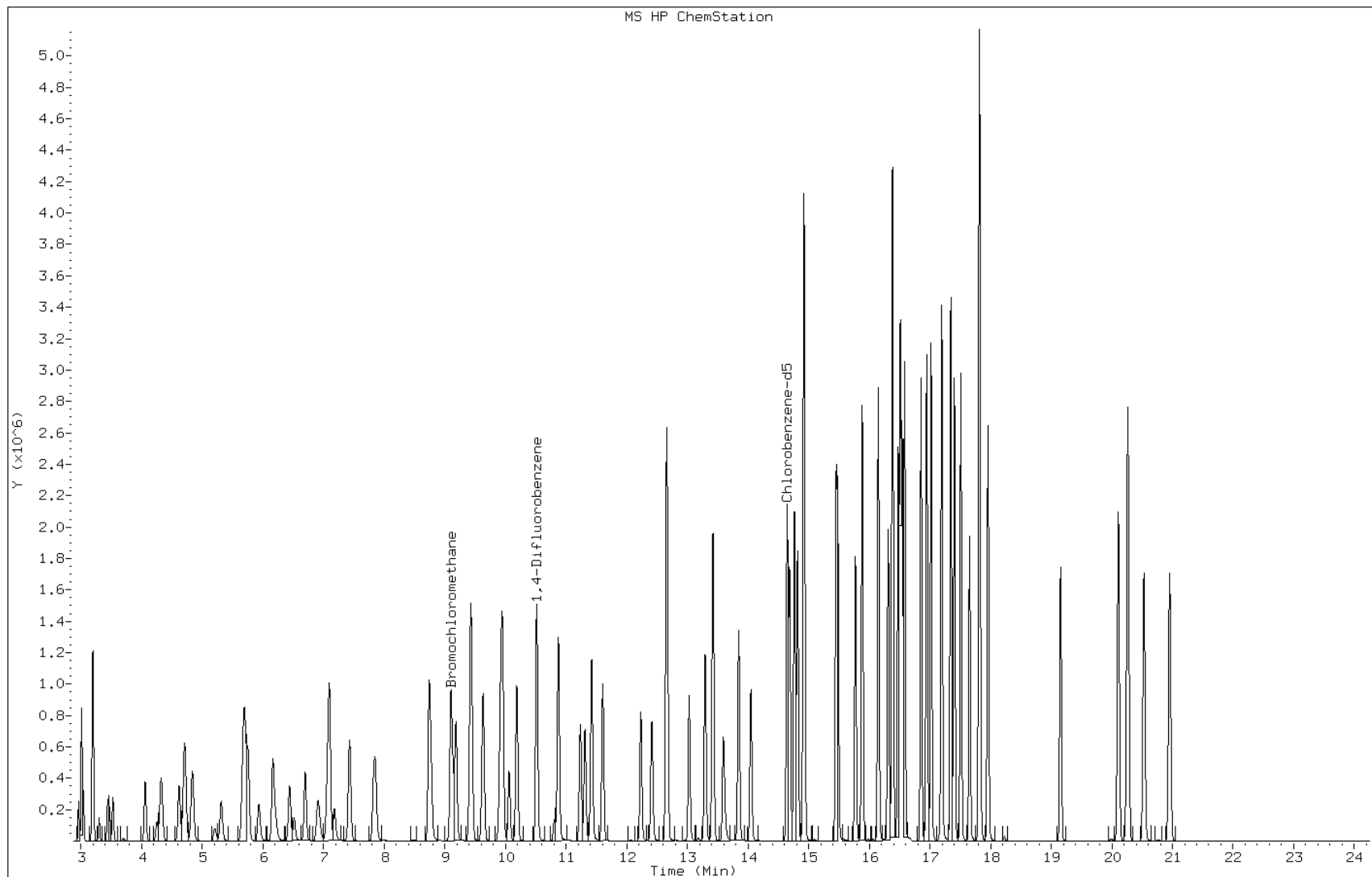
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.596	13.607	(0.928)	688905	10.0000	13
63 Dibromochloromethane	129	13.847	13.858	(0.945)	1040813	10.0000	11
64 1,2-Dibromoethane	107	14.050	14.061	(0.959)	923503	10.0000	11
* 65 Chlorobenzene-d5	117	14.647	14.658	(1.000)	1698035	10.0000	
66 Chlorobenzene	112	14.690	14.696	(1.003)	1360564	10.0000	11
67 n-Nonane	57	14.818	14.829	(1.012)	811268	10.0000	12
68 Ethylbenzene	91	14.765	14.776	(1.008)	2101059	10.0000	11
69 Xylene (m,p)	106	14.925	14.936	(1.019)	1764218	20.0000	22
M 70 Xylenes, Total	106				2623808	10.0000	33
71 Xylene (o)	106	15.453	15.464	(1.055)	859590	10.0000	11
72 Styrene	104	15.485	15.491	(1.057)	1336479	10.0000	12
73 Bromoform	173	15.774	15.784	(1.077)	1065617	10.0000	10
74 Isopropylbenzene	105	15.886	15.897	(1.085)	2443707	10.0000	11
75 1,1,2,2-Tetrachloroethane	83	16.313	16.323	(1.114)	1204833	10.0000	12
76 n-Propylbenzene	91	16.382	16.388	(1.118)	2842231	10.0000	11
77 1,2,3-Trichloropropane	75	16.393	16.398	(1.119)	867929	10.0000	12
78 n-Decane	57	16.478	16.489	(1.125)	1015798	10.0000	12
79 4-Ethyltoluene	105	16.510	16.521	(1.127)	2540768	10.0000	11
80 2-Chlorotoluene	91	16.542	16.553	(1.129)	2197523	10.0000	11
81 1,3,5-Trimethylbenzene	105	16.585	16.590	(1.132)	2081260	10.0000	10
82 Alpha Methyl Styrene	118	16.857	16.863	(1.151)	1122102	10.0000	12
83 tert-butylbenzene	119	16.953	16.959	(1.157)	2020749	10.0000	10
84 1,2,4-Trimethylbenzene	105	17.022	17.028	(1.162)	2073143	10.0000	11
85 sec-Butylbenzene	105	17.198	17.204	(1.174)	3030604	10.0000	10
86 4-Isopropyltoluene	119	17.348	17.354	(1.184)	2583822	10.0000	11
87 1,3-Dichlorobenzene	146	17.407	17.418	(1.188)	1549853	10.0000	10
88 1,4-Dichlorobenzene	146	17.513	17.524	(1.196)	1568383	10.0000	10
89 Benzyl chloride	91	17.657	17.668	(1.205)	1728656	10.0000	10
90 Undecane	57	17.812	17.823	(1.216)	1016614	10.0000	12
91 n-Butylbenzene	91	17.823	17.834	(1.217)	2229502	10.0000	11
92 1,2-Dichlorobenzene	146	17.962	17.973	(1.226)	1478653	10.0000	10
93 Dodecane	57	19.152	19.163	(1.308)	802803	10.0000	11
94 1,2,4-Trichlorobenzene	180	20.107	20.118	(1.373)	1110506	10.0000	9.8
95 1,3-Hexachlorobutadiene	225	20.262	20.278	(1.383)	932004	10.0000	8.1
96 Naphthalene	128	20.529	20.545	(1.402)	2345852	10.0000	10
97 1,2,3-Trichlorobenzene	180	20.950	20.967	(1.430)	998584	10.0000	9.8

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: bkuaau03.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 459536
Lab Sample ID: ccvis 459536

Date: 11-FEB-2013 11:49
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2137		10.7	10.0	7.3	30.0
Dichlorodifluoromethane	Ave	1.522	1.736		11.4	10.0	14.0	30.0
Freon 22	Ave	0.6406	0.7131		11.1	10.0	11.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.717		11.3	10.0	13.5	30.0
Chloromethane	Ave	0.3185	0.3441		10.8	10.0	8.1	30.0
n-Butane	Ave	0.4234	0.4566		10.8	10.0	7.8	30.0
Vinyl chloride	Ave	0.4225	0.4518		10.7	10.0	6.9	30.0
1,3-Butadiene	Ave	0.2549	0.2889		11.3	10.0	13.4	30.0
Bromomethane	Ave	0.5783	0.6227		10.8	10.0	7.7	30.0
Chloroethane	Ave	0.1714	0.1851		10.8	10.0	8.0	30.0
Isopentane	Ave	0.3263	0.3379		10.4	10.0	3.6	30.0
Bromoethene (Vinyl Bromide)	Ave	0.6685	0.7536		11.3	10.0	12.7	30.0
Trichlorofluoromethane	Ave	1.807	2.028		11.2	10.0	12.2	30.0
n-Pentane	Ave	0.4912	0.5373		10.9	10.0	9.4	30.0
Ethanol	Ave	0.1066	0.1230		17.3	15.0	15.3	30.0
Ethyl ether	Ave	0.2154	0.2050		9.52	10.0	-4.8	30.0
Acrolein	Ave	0.1073	0.0858		7.99	10.0	-20.1	30.0
Freon TF	Ave	1.224	1.484		12.1	10.0	21.3	30.0
1,1-Dichloroethene	Ave	0.5156	0.6242		12.1	10.0	21.1	30.0
Acetone	Ave	0.4613	0.5092		11.0	10.0	10.4	30.0
Carbon disulfide	Ave	1.483	1.667		11.2	10.0	12.4	30.0
Isopropyl alcohol	Ave	0.3165	0.2805		8.86	10.0	-11.4	30.0
3-Chloropropene	Ave	0.3779	0.4104		10.9	10.0	8.6	30.0
Acetonitrile	Ave	0.1921	0.2051		10.7	10.0	6.8	30.0
Methylene Chloride	Ave	0.4238	0.4981		11.8	10.0	17.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.5788		9.81	10.0	-1.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.158		10.0	10.0	0.4	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7247		11.2	10.0	12.1	30.0
Acrylonitrile	Ave	0.2076	0.2020		9.73	10.0	-2.7	30.0
n-Hexane	Ave	0.5077	0.5755		11.3	10.0	13.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9361		11.1	10.0	11.1	30.0
Vinyl acetate	Ave	0.6408	0.6052		9.44	10.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8268		10.7	10.0	7.0	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.1911		9.65	10.0	-3.4	30.0
Ethyl acetate	Ave	0.0331	0.0320		9.67	10.0	-3.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0594		9.97	10.0	-0.3	30.0
Chloroform	Ave	1.650	1.739		10.5	10.0	5.4	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.4190		12.0	10.0	20.2	30.0
Cyclohexane	Ave	0.1669	0.2000		12.0	10.0	19.8	30.0
Carbon tetrachloride	Ave	0.4289	0.5110		11.9	10.0	19.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4511		11.4	10.0	13.6	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.5626		12.1	10.0	20.7	30.0
1,2-Dichloroethane	Ave	0.1656	0.1912		11.5	10.0	15.5	30.0
n-Heptane	Ave	0.1483	0.1756		11.8	10.0	18.4	30.0
n-Butanol	Ave	0.0422	0.0348		8.24	10.0	-17.6	30.0
Trichloroethene	Ave	0.2646	0.3097		11.7	10.0	17.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1790		10.9	10.0	8.8	30.0
Methyl methacrylate	Ave	0.1231	0.1339		10.9	10.0	8.7	30.0
1,4-Dioxane	Ave	0.0667	0.0584		8.75	10.0	-12.5	30.0
Dibromomethane	Ave	0.2780	0.3318		11.9	10.0	19.4	30.0
Bromodichloromethane	Ave	0.4016	0.4695		11.7	10.0	16.9	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2741		11.1	10.0	10.7	30.0
methyl isobutyl ketone	Ave	0.2078	0.2418		11.6	10.0	16.4	30.0
Toluene	Ave	0.3723	0.3807		10.2	10.0	2.3	30.0
n-Octane	Ave	0.2581	0.2789		10.8	10.0	8.0	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2452		11.3	10.0	13.4	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1699		9.96	10.0	-0.3	30.0
Tetrachloroethene	Ave	0.4038	0.4198		10.4	10.0	4.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1787		11.1	10.0	11.1	30.0
Dibromochloromethane	Ave	0.4154	0.4731		11.4	10.0	13.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3445		10.6	10.0	5.8	30.0
Chlorobenzene	Ave	0.5251	0.5377		10.2	10.0	2.4	30.0
Ethylbenzene	Ave	0.6987	0.7354		10.5	10.0	5.3	30.0
n-Nonane	Ave	0.2310	0.2432		10.5	10.0	5.3	30.0
m,p-Xylene	Ave	0.2963	0.3150		21.3	20.0	6.3	30.0
Xylene, o-	Ave	0.3217	0.3338		10.4	10.0	3.8	30.0
Styrene	Ave	0.3834	0.4263		11.1	10.0	11.2	30.0
Bromoform	Ave	0.3278	0.3817		11.6	10.0	16.4	30.0
Cumene	Ave	0.8597	0.9079		10.6	10.0	5.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4249		10.5	10.0	5.0	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.2914		10.7	10.0	7.5	30.0
n-Propylbenzene	Ave	0.8245	0.9165		11.1	10.0	11.2	30.0
2-Chlorotoluene	Ave	0.5927	0.6644		11.2	10.0	12.1	30.0
4-Ethyltoluene	Ave	0.6952	0.8007		11.5	10.0	15.2	30.0
n-Decane	Ave	0.2492	0.2525		10.1	10.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7030		10.5	10.0	5.3	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3435		11.5	10.0	14.8	30.0
tert-Butylbenzene	Ave	0.7105	0.7640		10.8	10.0	7.5	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6634		10.8	10.0	7.6	30.0
sec-Butylbenzene	Ave	0.9477	1.040		11.0	10.0	9.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13
 Instrument ID: G.i Calib Start Date: 01/25/2013 10:40
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2013 16:32
 Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8468		11.4	10.0	14.3	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4158		11.4	10.0	13.8	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3936		11.1	10.0	11.0	30.0
Benzyl chloride	Ave	0.2868	0.3062		10.7	10.0	6.8	30.0
n-Butylbenzene	Ave	0.5055	0.5799		11.5	10.0	14.7	30.0
n-Undecane	Ave	0.2168	0.2111		9.73	10.0	-2.6	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4361		10.8	10.0	8.2	30.0
n-Dodecane	Ave	0.1342	0.1172		8.73	10.0	-12.6	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1420		11.1	10.0	11.1	30.0
Hexachlorobutadiene	Ave	0.2166	0.2242		10.3	10.0	3.5	30.0
Naphthalene	Ave	0.3306	0.3788		11.5	10.0	14.6	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1651		12.4	10.0	24.3	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzto15.b/ggz012.d
Lab Smp Id: icv 452600
Inj Date : 25-JAN-2013 18:13
Operator : wrd
Smp Info : icv 452600
Misc Info : 200,1,
Comment :
Method : /chem/G.i/Gsvr.p/ggzto15.b/to15v5.m
Meth Date : 26-Jan-2013 13:13 pd
Cal Date : 25-JAN-2013 16:32
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: G.i
Quant Type: ISTD
Cal File: ggzt010.d
QC Sample: ICV
Compound Sublist: allT015.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

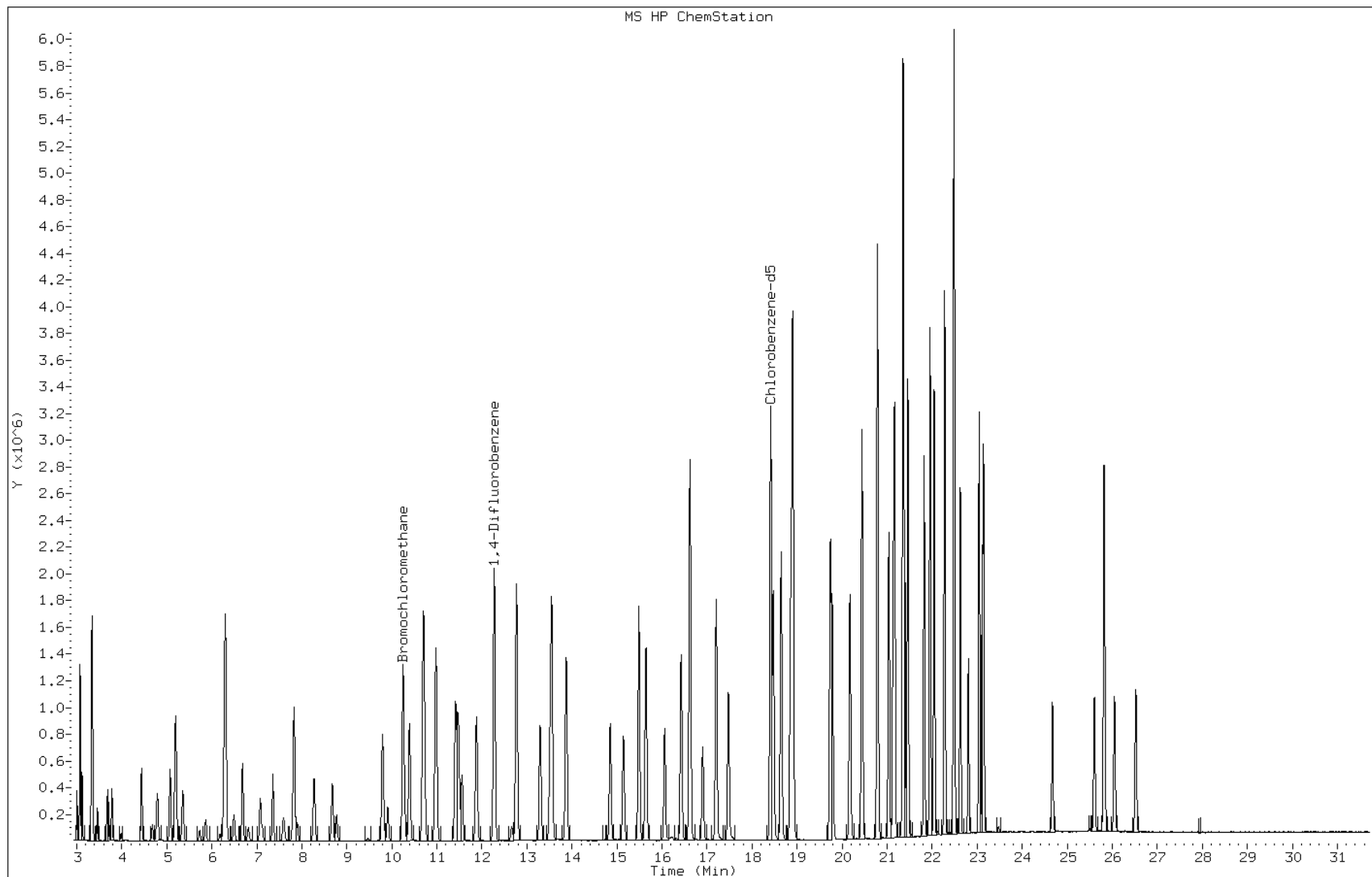
Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	
1 Propene	41	3.006	3.006	(0.293)	135369	10.7241	11	
2 Dichlorodifluoromethane	85	3.076	3.076	(0.300)	1099545	11.3987	11	
3 Chlorodifluoromethane	51	3.119	3.119	(0.304)	451769	11.1302	11	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.338	3.338	(0.326)	1088015	11.3474	11	
5 Chloromethane	50	3.461	3.461	(0.338)	218000	10.8030	11	
6 Butane	43	3.675	3.675	(0.359)	289293	10.7817	11	
7 Vinyl chloride	62	3.702	3.702	(0.361)	286231	10.6903	11	
8 1,3-Butadiene	54	3.782	3.782	(0.369)	183031	11.3334	11	
9 Bromomethane	94	4.445	4.440	(0.434)	394496	10.7654	11	
10 Chloroethane	64	4.681	4.681	(0.457)	117271	10.8001	11	
11 2-Methylbutane	43	4.788	4.793	(0.467)	214091	10.3540	10	
12 Vinyl bromide	106	5.071	5.071	(0.495)	477421	11.2699	11	
13 Trichlorofluoromethane	101	5.200	5.200	(0.508)	1285095	11.2220	11	
14 Pentane	43	5.355	5.355	(0.523)	340381	10.9360	11	

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.729	5.729	(0.559)	116938	17.3038	17
16 Ethyl ether	59	5.863	5.863	(0.572)	129868	9.51665	9.5
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.296	6.291	(0.615)	940481	12.1296	12
18 Acrolein	56	6.184	6.184	(0.604)	54349	7.99282	8.0
19 1,1-Dichloroethene	96	6.307	6.302	(0.616)	395449	12.1030	12
20 Acetone	43	6.489	6.489	(0.633)	322589	11.0367	11
21 Carbon disulfide	76	6.681	6.681	(0.652)	1056275	11.2407	11
22 Isopropanol	45	6.815	6.815	(0.665)	177719	8.86191	8.9
23 Allyl chloride	41	7.077	7.077	(0.691)	259985	10.8566	11
24 Acetonitrile	41	7.120	7.120	(0.695)	129957	10.6788	11
25 Methylene chloride	49	7.356	7.361	(0.718)	315563	11.7507	12
26 Tert-butyl alcohol	59	7.596	7.596	(0.742)	366669	9.81317	9.8
27 Methyl tert-butyl ether	73	7.816	7.816	(0.763)	733815	10.0415	10
28 1,2-Dichloroethene (trans)	61	7.832	7.832	(0.764)	459138	11.2124	11
29 Acrylonitrile	53	7.901	7.901	(0.771)	127976	9.72907	9.7
30 n-Hexane	57	8.276	8.270	(0.808)	364573	11.3331	11
31 1,1-Dichloroethane	63	8.677	8.677	(0.847)	593073	11.1120	11
32 Vinyl acetate	43	8.773	8.773	(0.856)	383422	9.44313	9.4
M 33 1,2-Dichloroethene,Total	61				982951	21.9117	22
34 1,2-Dichloroethene (cis)	96	9.790	9.790	(0.956)	523813	10.6994	11
35 Ethyl acetate	88	9.913	9.913	(0.968)	20299	9.66900	9.7
36 Methyl Ethyl Ketone	72	9.816	9.816	(0.958)	121047	9.65434	9.7
* 37 Bromochloromethane	128	10.244	10.244	(1.000)	633664	10.0000	
38 Tetrahydrofuran	42	10.282	10.276	(0.838)	195205	9.97209	10
39 Chloroform	83	10.394	10.394	(1.015)	1101995	10.5399	11
40 Cyclohexane	84	10.715	10.715	(0.873)	657248	11.9810	12
41 1,1,1-Trichloroethane	97	10.699	10.699	(0.872)	1376718	12.0197	12
42 Carbon tetrachloride	117	10.977	10.972	(0.894)	1679169	11.9130	12
43 2,2,4-Trimethylpentane	57	11.475	11.469	(0.935)	1848535	12.0690	12
44 Benzene	78	11.411	11.411	(0.930)	1482119	11.3586	11
45 1,2-Dichloroethane	62	11.560	11.560	(0.942)	628349	11.5455	12
46 n-Heptane	43	11.881	11.881	(0.968)	577035	11.8382	12
* 47 1,4-Difluorobenzene	114	12.272	12.272	(1.000)	3286600	10.0000	
48 n-Butanol	56	12.657	12.657	(1.031)	114393	8.24232	8.2
49 Trichloroethene	95	12.769	12.769	(1.041)	1017523	11.7013	12
50 1,2-Dichloropropane	63	13.299	13.294	(1.084)	588170	10.8777	11
51 Methyl methacrylate	69	13.513	13.513	(1.101)	439869	10.8719	11
52 Dibromomethane	174	13.551	13.550	(1.104)	1090255	11.9337	12
53 1,4-Dioxane	88	13.534	13.540	(1.103)	191745	8.75284	8.8
54 Bromodichloromethane	83	13.872	13.871	(1.130)	1542625	11.6865	12
55 1,3-Dichloropropene (cis)	75	14.851	14.850	(1.210)	900541	11.0668	11
56 Methyl isobutyl ketone	43	15.145	15.145	(1.234)	794430	11.6331	12
57 n-Octane	43	15.648	15.648	(1.275)	916281	10.8010	11
58 Toluene	92	15.487	15.487	(0.841)	1443961	10.2233	10
59 1,3-Dichloropropene (trans)	75	16.054	16.059	(1.308)	805703	11.3341	11
60 1,1,2-Trichloroethane	83	16.423	16.423	(0.892)	644436	9.96353	10
61 Tetrachloroethene	166	16.621	16.621	(0.903)	1592325	10.3935	10

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	16.899	16.899	(0.918)	677782	11.1073	11
63 Dibromochloromethane	129	17.204	17.204	(0.934)	1794298	11.3859	11
64 1,2-Dibromoethane	107	17.472	17.472	(0.949)	1306808	10.5816	11
* 65 Chlorobenzene-d5	117	18.413	18.413	(1.000)	3793804	10.0000	
66 Chlorobenzene	112	18.472	18.472	(1.003)	2039648	10.2395	10
67 n-Nonane	57	18.852	18.852	(1.024)	922609	10.5299	11
68 Ethylbenzene	91	18.649	18.649	(1.013)	2789429	10.5235	11
69 Xylene (m,p)	106	18.900	18.900	(1.026)	2389439	21.2600	21
M 70 Xylenes, Total	106				3655534	31.6352	32
71 Xylene (o)	106	19.735	19.735	(1.072)	1266095	10.3752	10
72 Styrene	104	19.783	19.777	(1.074)	1617035	11.1186	11
73 Bromoform	173	20.173	20.173	(1.096)	1447661	11.6418	12
74 Isopropylbenzene	105	20.441	20.441	(1.110)	3443891	10.5593	11
75 1,1,2,2-Tetrachloroethane	83	21.040	21.040	(1.143)	1611714	10.5006	11
76 n-Propylbenzene	91	21.163	21.163	(1.149)	3476295	11.1140	11
77 1,2,3-Trichloropropane	75	21.131	21.131	(1.148)	1105243	10.7454	11
78 n-Decane	57	21.393	21.393	(1.162)	957891	10.1337	10
79 4-Ethyltoluene	105	21.356	21.356	(1.160)	3037209	11.5150	12
80 2-Chlorotoluene	91	21.350	21.350	(1.159)	2520277	11.2090	11
81 1,3,5-Trimethylbenzene	105	21.463	21.463	(1.166)	2666376	10.5325	11
82 Alpha Methyl Styrene	118	21.821	21.821	(1.185)	1303055	11.4739	11
83 tert-butylbenzene	119	21.950	21.949	(1.192)	2897919	10.7510	11
84 1,2,4-Trimethylbenzene	105	22.046	22.046	(1.197)	2516156	10.7545	11
85 sec-Butylbenzene	105	22.281	22.281	(1.210)	3946346	10.9761	11
86 4-Isopropyltoluene	119	22.479	22.479	(1.221)	3211828	11.4326	11
87 1,3-Dichlorobenzene	146	22.495	22.495	(1.222)	1577076	11.3805	11
88 1,4-Dichlorobenzene	146	22.624	22.624	(1.229)	1493041	11.0976	11
89 Benzyl chloride	91	22.800	22.800	(1.238)	1161471	10.6729	11
90 Undecane	57	23.110	23.110	(1.255)	800515	9.73417	9.7
91 n-Butylbenzene	91	23.046	23.046	(1.252)	2199452	11.4678	11
92 1,2-Dichlorobenzene	146	23.143	23.142	(1.257)	1654283	10.8222	11
93 Dodecane	57	24.673	24.672	(1.340)	444540	8.73421	8.7
94 1,2,4-Trichlorobenzene	180	25.603	25.598	(1.390)	538443	11.1089	11
95 1,3-Hexachlorobutadiene	225	25.823	25.823	(1.402)	850410	10.3494	10
96 Naphthalene	128	26.053	26.053	(1.415)	1436683	11.4541	11
97 1,2,3-Trichlorobenzene	180	26.524	26.523	(1.440)	626381	12.4248	12

Data File: ggz012.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 452600
Lab Sample ID: icv 452600

Date: 25-JAN-2013 18:13
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Lab Sample ID: CCVIS 200-51845/2 Calibration Date: 02/13/2013 09:32

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzp002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2737		13.7	10.0	37.4*	30.0
Dichlorodifluoromethane	Ave	1.522	2.039		13.4	10.0	34.0*	30.0
Freon 22	Ave	0.6406	0.8562		13.4	10.0	33.7*	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.999		13.2	10.0	32.1*	30.0
Chloromethane	Ave	0.3185	0.4153		13.0	10.0	30.4*	30.0
n-Butane	Ave	0.4234	0.5484		12.9	10.0	29.5	30.0
Vinyl chloride	Ave	0.4225	0.5332		12.6	10.0	26.2	30.0
1,3-Butadiene	Ave	0.2549	0.3218		12.6	10.0	26.2	30.0
Bromomethane	Ave	0.5783	0.7635		13.2	10.0	32.0*	30.0
Chloroethane	Ave	0.1714	0.2300		13.4	10.0	34.2*	30.0
Isopentane	Ave	0.3263	0.4004		12.3	10.0	22.7	30.0
Bromoethene (Vinyl Bromide)	Ave	0.6685	0.8560		12.8	10.0	28.0	30.0
Trichlorofluoromethane	Ave	1.807	2.333		12.9	10.0	29.1	30.0
n-Pentane	Ave	0.4912	0.6305		12.8	10.0	28.4	30.0
Ethanol	Ave	0.1066	0.1225		17.2	15.0	14.8	30.0
Ethyl ether	Ave	0.2154	0.2819		13.1	10.0	30.9*	30.0
Acrolein	Ave	0.1073	0.1445		13.5	10.0	34.6*	30.0
Freon TF	Ave	1.224	1.537		12.6	10.0	25.6	30.0
1,1-Dichloroethene	Ave	0.5156	0.6308		12.2	10.0	22.3	30.0
Acetone	Ave	0.4613	0.5904		12.8	10.0	28.0	30.0
Carbon disulfide	Ave	1.483	1.823		12.3	10.0	23.0	30.0
Isopropyl alcohol	Ave	0.3165	0.4186		13.2	10.0	32.3*	30.0
3-Chloropropene	Ave	0.3779	0.4519		12.0	10.0	19.6	30.0
Acetonitrile	Ave	0.1921	0.2429		12.6	10.0	26.5	30.0
Methylene Chloride	Ave	0.4238	0.5191		12.2	10.0	22.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.7298		12.4	10.0	23.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.507		13.1	10.0	30.7*	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7961		12.3	10.0	23.2	30.0
Acrylonitrile	Ave	0.2076	0.2727		13.1	10.0	31.4*	30.0
n-Hexane	Ave	0.5077	0.6193		12.2	10.0	22.0	30.0
1,1-Dichloroethane	Ave	0.8423	1.035		12.3	10.0	22.9	30.0
Vinyl acetate	Ave	0.6408	0.8147		12.7	10.0	27.1	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8540		11.1	10.0	10.5	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.2202		11.1	10.0	11.3	30.0
Ethyl acetate	Ave	0.0331	0.0382		11.5	10.0	15.2	30.0
Tetrahydrofuran	Ave	0.0596	0.0676		11.4	10.0	13.6	30.0
Chloroform	Ave	1.650	1.910		11.6	10.0	15.8	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.3781		10.8	10.0	8.5	30.0
Cyclohexane	Ave	0.1669	0.1682		10.1	10.0	0.8	30.0
Carbon tetrachloride	Ave	0.4289	0.4604		10.7	10.0	7.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-51845/2 Calibration Date: 02/13/2013 09:32
 Instrument ID: G.i Calib Start Date: 01/25/2013 10:40
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2013 16:32
 Lab File ID: ggzp002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4251		10.7	10.0	7.1	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.4902		10.5	10.0	5.2	30.0
1,2-Dichloroethane	Ave	0.1656	0.1992		12.0	10.0	20.3	30.0
n-Heptane	Ave	0.1483	0.1601		10.8	10.0	8.0	30.0
n-Butanol	Ave	0.0422	0.0407		9.63	10.0	-3.7	30.0
Trichloroethene	Ave	0.2646	0.2964		11.2	10.0	12.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1835		11.2	10.0	11.5	30.0
Methyl methacrylate	Ave	0.1231	0.1401		11.4	10.0	13.8	30.0
1,4-Dioxane	Ave	0.0667	0.0857		12.8	10.0	28.5	30.0
Dibromomethane	Ave	0.2780	0.3265		11.7	10.0	17.5	30.0
Bromodichloromethane	Ave	0.4016	0.4842		12.1	10.0	20.6	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2994		12.1	10.0	20.9	30.0
methyl isobutyl ketone	Ave	0.2078	0.2352		11.3	10.0	13.2	30.0
Toluene	Ave	0.3723	0.3995		10.7	10.0	7.3	30.0
n-Octane	Ave	0.2581	0.2825		10.9	10.0	9.4	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2710		12.5	10.0	25.3	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1865		10.9	10.0	9.4	30.0
Tetrachloroethene	Ave	0.4038	0.4355		10.8	10.0	7.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1691		10.5	10.0	5.1	30.0
Dibromochloromethane	Ave	0.4154	0.4855		11.7	10.0	16.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3796		11.7	10.0	16.6	30.0
Chlorobenzene	Ave	0.5251	0.5765		11.0	10.0	9.8	30.0
Ethylbenzene	Ave	0.6987	0.7813		11.2	10.0	11.8	30.0
n-Nonane	Ave	0.2310	0.2474		10.7	10.0	7.1	30.0
m,p-Xylene	Ave	0.2963	0.3307		22.3	20.0	11.6	30.0
Xylene, o-	Ave	0.3217	0.3554		11.0	10.0	10.5	30.0
Styrene	Ave	0.3834	0.4316		11.3	10.0	12.6	30.0
Bromoform	Ave	0.3278	0.3906		11.9	10.0	19.2	30.0
Cumene	Ave	0.8597	0.9752		11.3	10.0	13.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4495		11.1	10.0	11.1	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.3037		11.2	10.0	12.0	30.0
n-Propylbenzene	Ave	0.8245	0.9556		11.6	10.0	15.9	30.0
2-Chlorotoluene	Ave	0.5927	0.6728		11.4	10.0	13.5	30.0
4-Ethyltoluene	Ave	0.6952	0.8209		11.8	10.0	18.1	30.0
n-Decane	Ave	0.2492	0.2611		10.5	10.0	4.8	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7588		11.4	10.0	13.7	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3485		11.6	10.0	16.4	30.0
tert-Butylbenzene	Ave	0.7105	0.8018		11.3	10.0	12.8	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.7046		11.4	10.0	14.2	30.0
sec-Butylbenzene	Ave	0.9477	1.083		11.4	10.0	14.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-32226-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-51845/2 Calibration Date: 02/13/2013 09:32
 Instrument ID: G.i Calib Start Date: 01/25/2013 10:40
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2013 16:32
 Lab File ID: ggzp002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8628		11.6	10.0	16.5	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4242		11.6	10.0	16.1	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.4023		11.3	10.0	13.4	30.0
Benzyl chloride	Ave	0.2868	0.3450		12.0	10.0	20.3	30.0
n-Butylbenzene	Ave	0.5055	0.5724		11.3	10.0	13.2	30.0
n-Undecane	Ave	0.2168	0.1836		8.47	10.0	-15.3	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4592		11.4	10.0	14.0	30.0
n-Dodecane	Ave	0.1342	0.0951		7.09	10.0	-29.1	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1076		8.42	10.0	-15.8	30.0
Hexachlorobutadiene	Ave	0.2166	0.2248		10.4	10.0	3.8	30.0
Naphthalene	Ave	0.3306	0.2457		7.43	10.0	-25.7	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1127		8.48	10.0	-15.2	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzpt015.b/ggzp002.d
Lab Smp Id: ccvis 459513
Inj Date : 13-FEB-2013 09:32
Operator : MTP
Smp Info : ccvis 459513
Misc Info : 200,1, ccvis
Comment :
Method : /chem/G.i/Gsvr.p/ggzpt015.b/to15v5.m
Meth Date : 13-Feb-2013 10:53 mtp
Cal Date : 25-JAN-2013 16:32
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: G.i
Quant Type: ISTD
Cal File: gg010.d
Continuing Calibration Sample
Compound Sublist: allT015.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

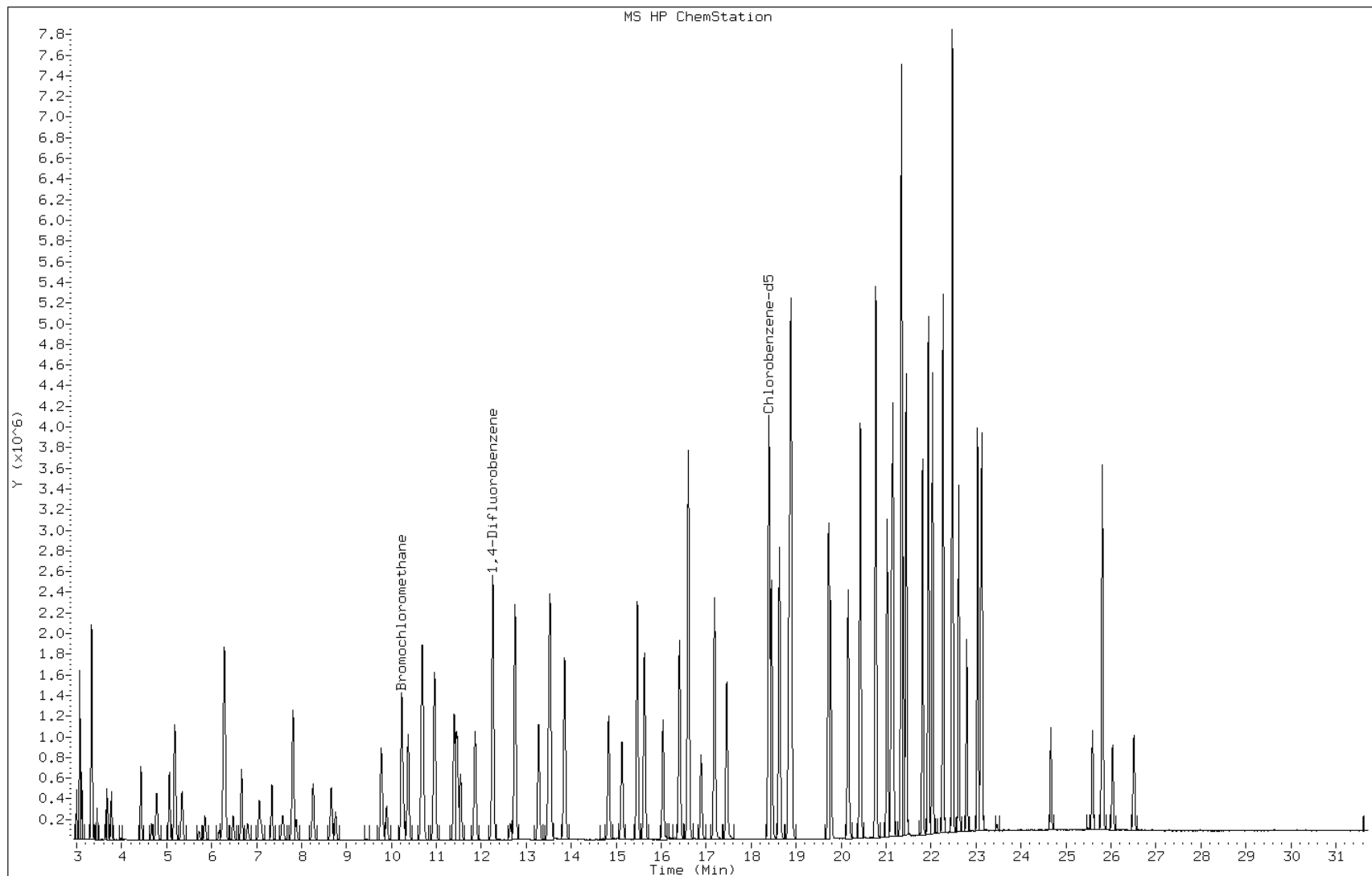
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	3.001	3.006	(0.293)	183225	10.0000	14
2 Dichlorodifluoromethane	85	3.070	3.076	(0.300)	1364937	10.0000	13
3 Chlorodifluoromethane	51	3.113	3.119	(0.304)	573100	10.0000	13
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.333	3.338	(0.326)	1338390	10.0000	13
5 Chloromethane	50	3.450	3.461	(0.337)	277992	10.0000	13
6 Butane	43	3.664	3.675	(0.358)	367076	10.0000	13
7 Vinyl chloride	62	3.696	3.702	(0.361)	356891	10.0000	13
8 1,3-Butadiene	54	3.777	3.782	(0.369)	215366	10.0000	13
9 Bromomethane	94	4.429	4.440	(0.433)	511070	10.0000	13
10 Chloroethane	64	4.670	4.681	(0.457)	153958	10.0000	13
11 2-Methylbutane	43	4.782	4.793	(0.468)	267994	10.0000	12
12 Vinyl bromide	106	5.061	5.071	(0.495)	572981	10.0000	13
13 Trichlorofluoromethane	101	5.184	5.200	(0.507)	1561812	10.0000	13
14 Pentane	43	5.344	5.355	(0.522)	422012	10.0000	13

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.719	5.729	(0.559)	123032	15.0000	17
16 Ethyl ether	59	5.852	5.863	(0.572)	188666	10.0000	13
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.280	6.291	(0.614)	1029030	10.0000	13
18 Acrolein	56	6.168	6.184	(0.603)	96691	10.0000	13
19 1,1-Dichloroethene	96	6.291	6.302	(0.615)	422236	10.0000	12
20 Acetone	43	6.478	6.489	(0.633)	395210	10.0000	13
21 Carbon disulfide	76	6.671	6.681	(0.652)	1220570	10.0000	12
22 Isopropanol	45	6.805	6.815	(0.665)	280208	10.0000	13
23 Allyl chloride	41	7.061	7.077	(0.690)	302510	10.0000	12
24 Acetonitrile	41	7.104	7.120	(0.695)	162602	10.0000	13
25 Methylene chloride	49	7.339	7.361	(0.718)	347485	10.0000	12
26 Tert-butyl alcohol	59	7.580	7.596	(0.741)	488492	10.0000	12
27 Methyl tert-butyl ether	73	7.800	7.816	(0.763)	1008828	10.0000	13
28 1,2-Dichloroethene (trans)	61	7.816	7.832	(0.764)	532878	10.0000	12
29 Acrylonitrile	53	7.885	7.901	(0.771)	182544	10.0000	13
30 n-Hexane	57	8.260	8.270	(0.808)	414532	10.0000	12
31 1,1-Dichloroethane	63	8.666	8.677	(0.847)	692683	10.0000	12
32 Vinyl acetate	43	8.757	8.773	(0.856)	545346	10.0000	13
M 33 1,2-Dichloroethene,Total	61				1104532	20.0000	23
34 1,2-Dichloroethene (cis)	96	9.774	9.790	(0.956)	571653	10.0000	11
35 Ethyl acetate	88	9.897	9.913	(0.968)	25545	10.0000	12
36 Methyl Ethyl Ketone	72	9.800	9.816	(0.958)	147382	10.0000	11
* 37 Bromochloromethane	128	10.228	10.244	(1.000)	669498	10.0000	
38 Tetrahydrofuran	42	10.266	10.276	(0.838)	274896	10.0000	11
39 Chloroform	83	10.373	10.394	(1.014)	1278432	10.0000	12
40 Cyclohexane	84	10.694	10.715	(0.873)	683555	10.0000	10
41 1,1,1-Trichloroethane	97	10.678	10.699	(0.871)	1536470	10.0000	11
42 Carbon tetrachloride	117	10.956	10.972	(0.894)	1871030	10.0000	11
43 2,2,4-Trimethylpentane	57	11.453	11.469	(0.935)	1991929	10.0000	11
44 Benzene	78	11.395	11.411	(0.930)	1727404	10.0000	11
45 1,2-Dichloroethane	62	11.539	11.560	(0.942)	809568	10.0000	12
46 n-Heptane	43	11.860	11.881	(0.968)	650690	10.0000	11
* 47 1,4-Difluorobenzene	114	12.256	12.272	(1.000)	4064612	10.0000	
48 n-Butanol	56	12.646	12.657	(1.032)	165222	10.0000	9.6
49 Trichloroethene	95	12.748	12.769	(1.040)	1204340	10.0000	11
50 1,2-Dichloropropane	63	13.272	13.294	(1.083)	745801	10.0000	11
51 Methyl methacrylate	69	13.492	13.513	(1.101)	569136	10.0000	11
52 Dibromomethane	174	13.529	13.550	(1.104)	1326945	10.0000	12
53 1,4-Dioxane	88	13.524	13.540	(1.103)	348136	10.0000	13
54 Bromodichloromethane	83	13.850	13.871	(1.130)	1967596	10.0000	12
55 1,3-Dichloropropene (cis)	75	14.834	14.850	(1.210)	1216741	10.0000	12
56 Methyl isobutyl ketone	43	15.123	15.145	(1.234)	955911	10.0000	11
57 n-Octane	43	15.626	15.648	(1.275)	1147880	10.0000	11
58 Toluene	92	15.466	15.487	(0.841)	1890256	10.0000	11
59 1,3-Dichloropropene (trans)	75	16.038	16.059	(1.309)	1101246	10.0000	13
60 1,1,2-Trichloroethane	83	16.407	16.423	(0.892)	882489	10.0000	11
61 Tetrachloroethene	166	16.605	16.621	(0.903)	2060798	10.0000	11

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	16.883	16.899	(0.918)	800162	10.0000	11
63 Dibromochloromethane	129	17.188	17.204	(0.935)	2297635	10.0000	12
64 1,2-Dibromoethane	107	17.456	17.472	(0.949)	1796372	10.0000	12
* 65 Chlorobenzene-d5	117	18.392	18.413	(1.000)	4733007	10.0000	
66 Chlorobenzene	112	18.456	18.472	(1.003)	2727933	10.0000	11
67 n-Nonane	57	18.836	18.852	(1.024)	1170468	10.0000	11
68 Ethylbenzene	91	18.627	18.649	(1.013)	3696925	10.0000	11
69 Xylene (m,p)	106	18.884	18.900	(1.027)	3129416	20.0000	22
M 70 Xylenes, Total	106				4811212	10.0000	33
71 Xylene (o)	106	19.719	19.735	(1.072)	1681796	10.0000	11
72 Styrene	104	19.762	19.777	(1.074)	2042490	10.0000	11
73 Bromoform	173	20.157	20.173	(1.096)	1848484	10.0000	12
74 Isopropylbenzene	105	20.425	20.441	(1.111)	4614496	10.0000	11
75 1,1,2,2-Tetrachloroethane	83	21.024	21.040	(1.143)	2127238	10.0000	11
76 n-Propylbenzene	91	21.152	21.163	(1.150)	4521786	10.0000	12
77 1,2,3-Trichloropropane	75	21.115	21.131	(1.148)	1437089	10.0000	11
78 n-Decane	57	21.388	21.393	(1.163)	1235515	10.0000	10
79 4-Ethyltoluene	105	21.345	21.356	(1.161)	3884425	10.0000	12
80 2-Chlorotoluene	91	21.334	21.350	(1.160)	3183878	10.0000	11
81 1,3,5-Trimethylbenzene	105	21.452	21.463	(1.166)	3590894	10.0000	11
82 Alpha Methyl Styrene	118	21.810	21.821	(1.186)	1649141	10.0000	12
83 tert-butylbenzene	119	21.939	21.949	(1.193)	3794006	10.0000	11
84 1,2,4-Trimethylbenzene	105	22.030	22.046	(1.198)	3334056	10.0000	11
85 sec-Butylbenzene	105	22.270	22.281	(1.211)	5122691	10.0000	11
86 4-Isopropyltoluene	119	22.468	22.479	(1.222)	4082853	10.0000	12
87 1,3-Dichlorobenzene	146	22.485	22.495	(1.223)	2007417	10.0000	12
88 1,4-Dichlorobenzene	146	22.613	22.624	(1.229)	1903546	10.0000	11
89 Benzyl chloride	91	22.789	22.800	(1.239)	1632369	10.0000	12
90 Undecane	57	23.105	23.110	(1.256)	868912	10.0000	8.5
91 n-Butylbenzene	91	23.036	23.046	(1.252)	2708447	10.0000	11
92 1,2-Dichlorobenzene	146	23.132	23.142	(1.258)	2173140	10.0000	11
93 Dodecane	57	24.662	24.672	(1.341)	450007	10.0000	7.1
94 1,2,4-Trichlorobenzene	180	25.593	25.598	(1.391)	509221	10.0000	8.4
95 1,3-Hexachlorobutadiene	225	25.812	25.823	(1.403)	1063635	10.0000	10
96 Naphthalene	128	26.037	26.053	(1.416)	1162440	10.0000	7.4
97 1,2,3-Trichlorobenzene	180	26.507	26.523	(1.441)	533451	10.0000	8.5

Data File: ggzp002.d
Client ID:
Operator: MTP
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 459513
Lab Sample ID: ccvis 459513

Date: 13-FEB-2013 09:32
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 31-OCT-2012 16:15
 Operator : wrd Inst ID: B.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/B.i/Bsvr.p/bkuto15.b/bfbto15.m
 Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
 Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
 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

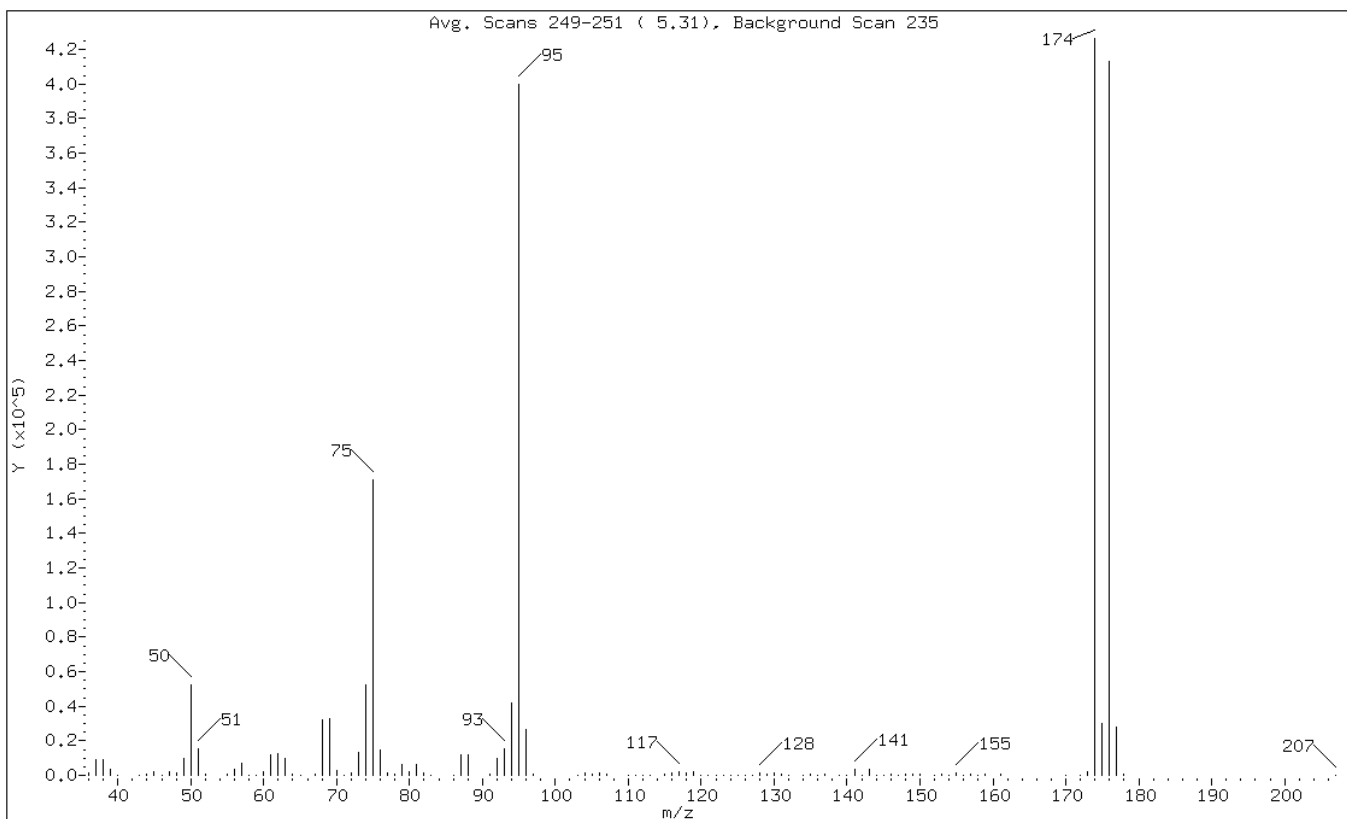
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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				
5.314	5.670	-0.356	95	399850			100.00-	100.00	93.79
5.314	5.670	-0.356	50	52328			8.00-	40.00	13.09
5.314	5.670	-0.356	75	170816			30.00-	66.00	42.72
5.314	5.670	-0.356	96	26645			5.00-	9.00	6.66
5.314	5.670	-0.356	173	1777			0.00-	2.00	0.42
5.314	5.670	-0.356	174	426346			50.00-	120.00	106.63
5.314	5.670	-0.356	175	30205			4.00-	9.00	7.08
5.314	5.670	-0.356	176	413056			93.00-	101.00	96.88
5.314	5.670	-0.356	177	28242			5.00-	9.00	6.84

Data File: bku001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 31-OCT-2012 16:15
 Instrument: B.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	13.09
75	30.00 - 66.00% of mass 95	42.72
96	5.00 - 9.00% of mass 95	6.66
173	Less than 2.00% of mass 174	0.44 (0.42)
174	50.00 - 120.00% of mass 95	106.63
175	4.00 - 9.00% of mass 174	7.55 (7.08)
176	93.00 - 101.00% of mass 174	103.30 (96.88)
177	5.00 - 9.00% of mass 176	7.06 (6.84)

Data File: bku001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

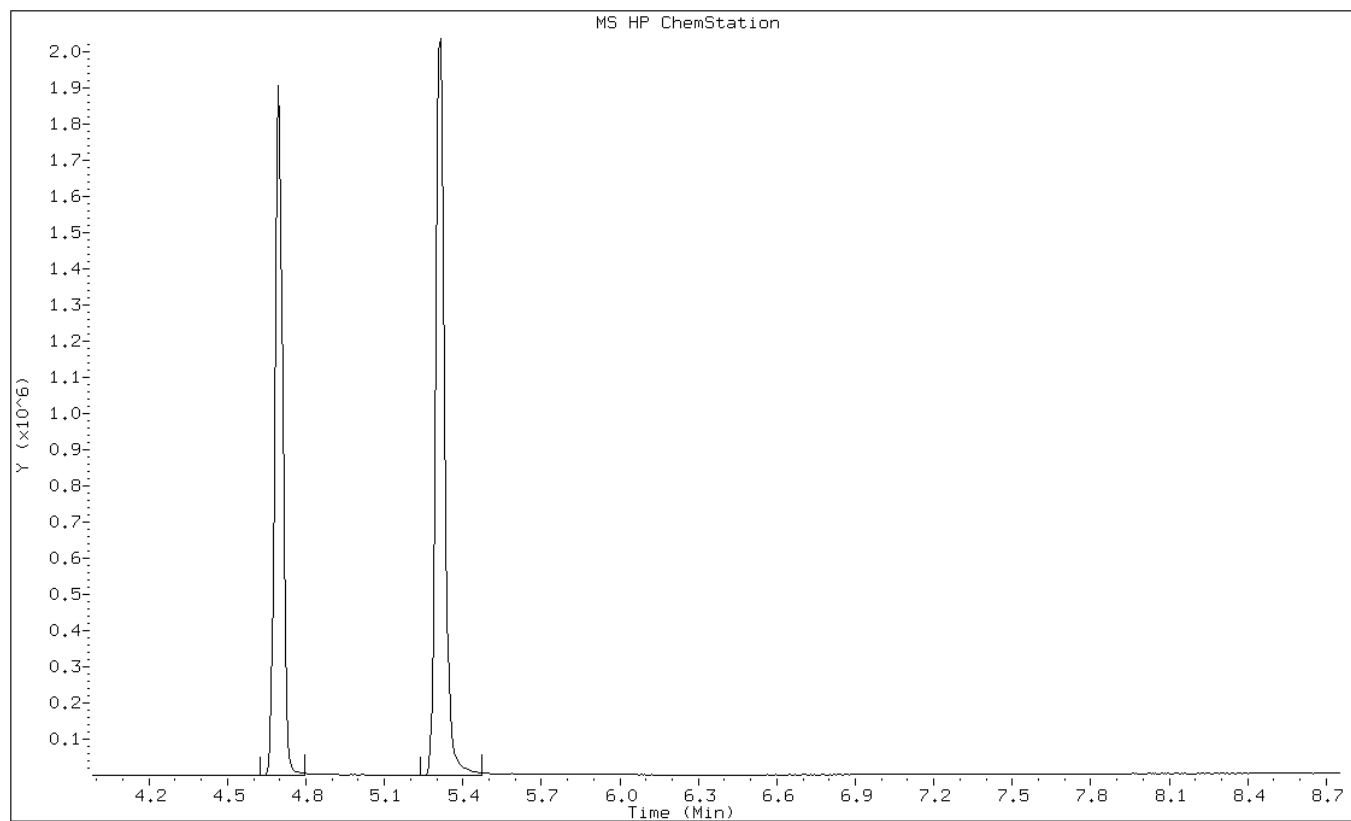
Date: 31-OCT-2012 16:15
 Instrument: B.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/B.i/Bsvr.p/bkuto15.b/bku001.d
 Spectrum: Avg. Scans 249-251 (5.31), Background Scan 235
 Location of Maximum: 174.00
 Number of points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1381	70.00	2531	110.00	168	142.00	344
37.00	9138	71.00	74	111.00	280	143.00	3504
38.00	8814	72.00	1704	112.00	62	144.00	190
39.00	3661	73.00	13093	113.00	205	145.00	319
40.00	3	74.00	52336	115.00	351	146.00	564
43.00	80	75.00	170816	116.00	1077	147.00	278
44.00	996	76.00	14921	117.00	1986	148.00	988
45.00	1922	77.00	1545	118.00	1108	149.00	362
46.00	202	78.00	906	119.00	1811	150.00	386
47.00	2340	79.00	6231	120.00	42	152.00	235
48.00	1360	80.00	2215	121.00	37	153.00	354
49.00	9484	81.00	6574	122.00	36	154.00	342
50.00	52328	82.00	1359	123.00	33	155.00	1127
51.00	15050	83.00	158	124.00	267	156.00	188
52.00	644	86.00	253	125.00	60	157.00	767
55.00	490	87.00	12060	126.00	198	158.00	39
56.00	3620	88.00	12110	127.00	82	159.00	447
57.00	7065	91.00	993	128.00	1375	161.00	471
58.00	254	92.00	9844	129.00	700	170.00	36
59.00	40	93.00	15270	130.00	1278	172.00	171
60.00	2209	94.00	42024	131.00	570	173.00	1777
61.00	11975	95.00	399808	132.00	101	174.00	426304
62.00	12604	96.00	26640	134.00	119	175.00	30200
63.00	9544	97.00	836	135.00	642	176.00	413056
64.00	982	103.00	128	136.00	49	177.00	28240
65.00	150	104.00	1263	137.00	580	178.00	751
67.00	649	105.00	433	139.00	50	207.00	4
68.00	32000	106.00	1291	140.00	215		
69.00	32520	107.00	349	141.00	3523		

Data File: bku001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 31-OCT-2012 16:15
Instrument: B.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/B.i/Bsvr.p/bkuaau15.b/bkuaau01.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 11-FEB-2013 10:09
 Operator : wrd Inst ID: B.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/B.i/Bsvr.p/bkuaau15.b/bfbto15.m
 Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
 Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
 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

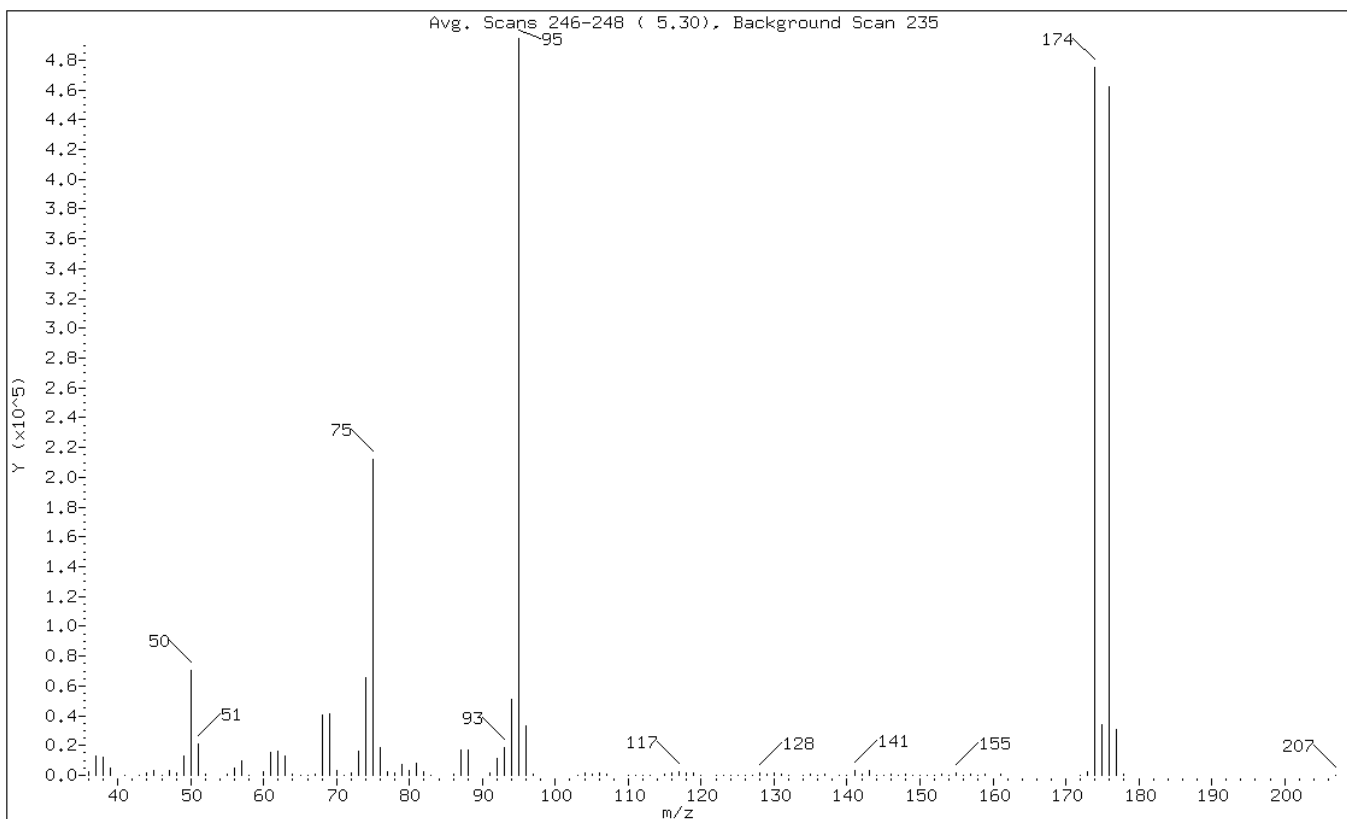
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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				
5.298	5.670	-0.372	95	494506			100.00-	100.00	100.00
5.298	5.670	-0.372	50	70245			8.00-	40.00	14.21
5.298	5.670	-0.372	75	212096			30.00-	66.00	42.89
5.298	5.670	-0.372	96	33475			5.00-	9.00	6.77
5.298	5.670	-0.372	173	2548			0.00-	2.00	0.54
5.298	5.670	-0.372	174	475328			50.00-	120.00	96.12
5.298	5.670	-0.372	175	33989			4.00-	9.00	7.15
5.298	5.670	-0.372	176	461802			93.00-	101.00	97.15
5.298	5.670	-0.372	177	30624			5.00-	9.00	6.63

Data File: bkuaau01.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 11-FEB-2013 10:09
 Instrument: B.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	14.21
75	30.00 - 66.00% of mass 95	42.89
96	5.00 - 9.00% of mass 95	6.77
173	Less than 2.00% of mass 174	0.52 (0.54)
174	50.00 - 120.00% of mass 95	96.12
175	4.00 - 9.00% of mass 174	6.87 (7.15)
176	93.00 - 101.00% of mass 174	93.39 (97.15)
177	5.00 - 9.00% of mass 176	6.19 (6.63)

Data File: bkuaau01.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

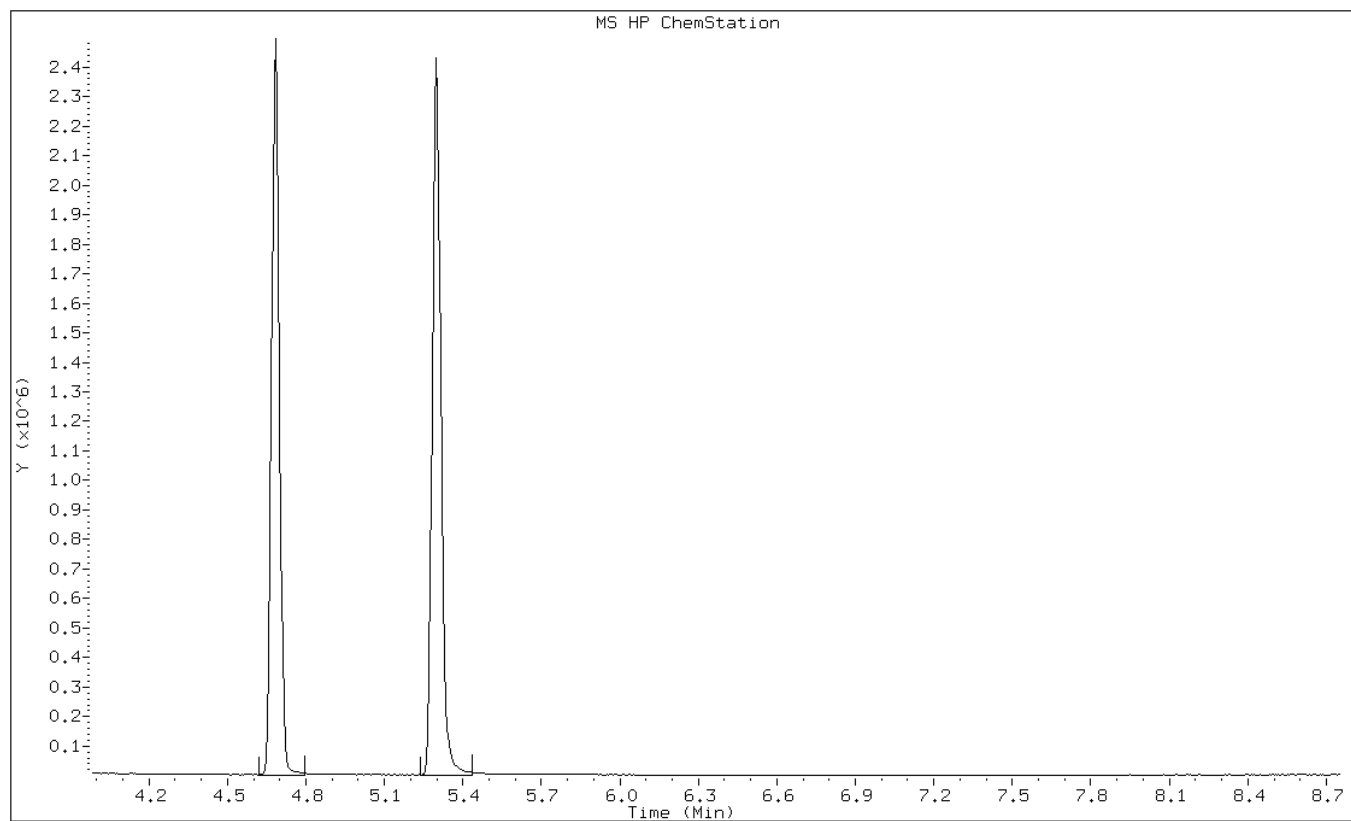
Date: 11-FEB-2013 10:09
 Instrument: B.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/B.i/Bsvr.p/bkuaau15.b/bkuaau01.d
 Spectrum: Avg. Scans 246-248 (5.30), Background Scan 235
 Location of Maximum: 95.00
 Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2050	70.00	3057	110.00	173	143.00	3274
37.00	13121	71.00	101	111.00	249	144.00	185
38.00	12053	72.00	1751	112.00	164	145.00	326
39.00	5177	73.00	16190	113.00	215	146.00	698
41.00	51	74.00	65592	115.00	446	147.00	270
43.00	122	75.00	212096	116.00	1318	148.00	1013
44.00	1269	76.00	18512	117.00	2554	149.00	291
45.00	2995	77.00	2198	118.00	1271	150.00	388
46.00	204	78.00	1489	119.00	1898	151.00	37
47.00	3190	79.00	7367	120.00	90	152.00	249
48.00	1624	80.00	2951	122.00	87	153.00	418
49.00	12874	81.00	7768	123.00	104	154.00	324
50.00	70240	82.00	2176	124.00	237	155.00	1251
51.00	20952	83.00	211	125.00	97	156.00	333
52.00	1037	86.00	408	126.00	140	157.00	888
55.00	728	87.00	17368	127.00	172	158.00	209
56.00	4615	88.00	16704	128.00	1593	159.00	420
57.00	9787	91.00	1227	129.00	809	161.00	472
58.00	398	92.00	11656	130.00	1578	172.00	374
60.00	2608	93.00	18640	131.00	588	173.00	2548
61.00	15374	94.00	51088	132.00	74	174.00	475328
62.00	15991	95.00	494464	134.00	161	175.00	33984
63.00	12699	96.00	33472	135.00	664	176.00	461760
64.00	1117	97.00	989	136.00	146	177.00	30624
65.00	136	103.00	108	137.00	617	178.00	808
66.00	38	104.00	1477	139.00	94	207.00	105
67.00	868	105.00	577	140.00	253		
68.00	40544	106.00	1514	141.00	3425		
69.00	40896	107.00	505	142.00	444		

Data File: bkuaau01.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 11-FEB-2013 10:09
Instrument: B.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/G.i/Gsvr.p/ggzto15.b/ggz001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 25-JAN-2013 08:52
Operator : wrd Inst ID: G.i
Smp Info : BFB
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/ggzto15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:23 jd1 Quant Type: ESTD
Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
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

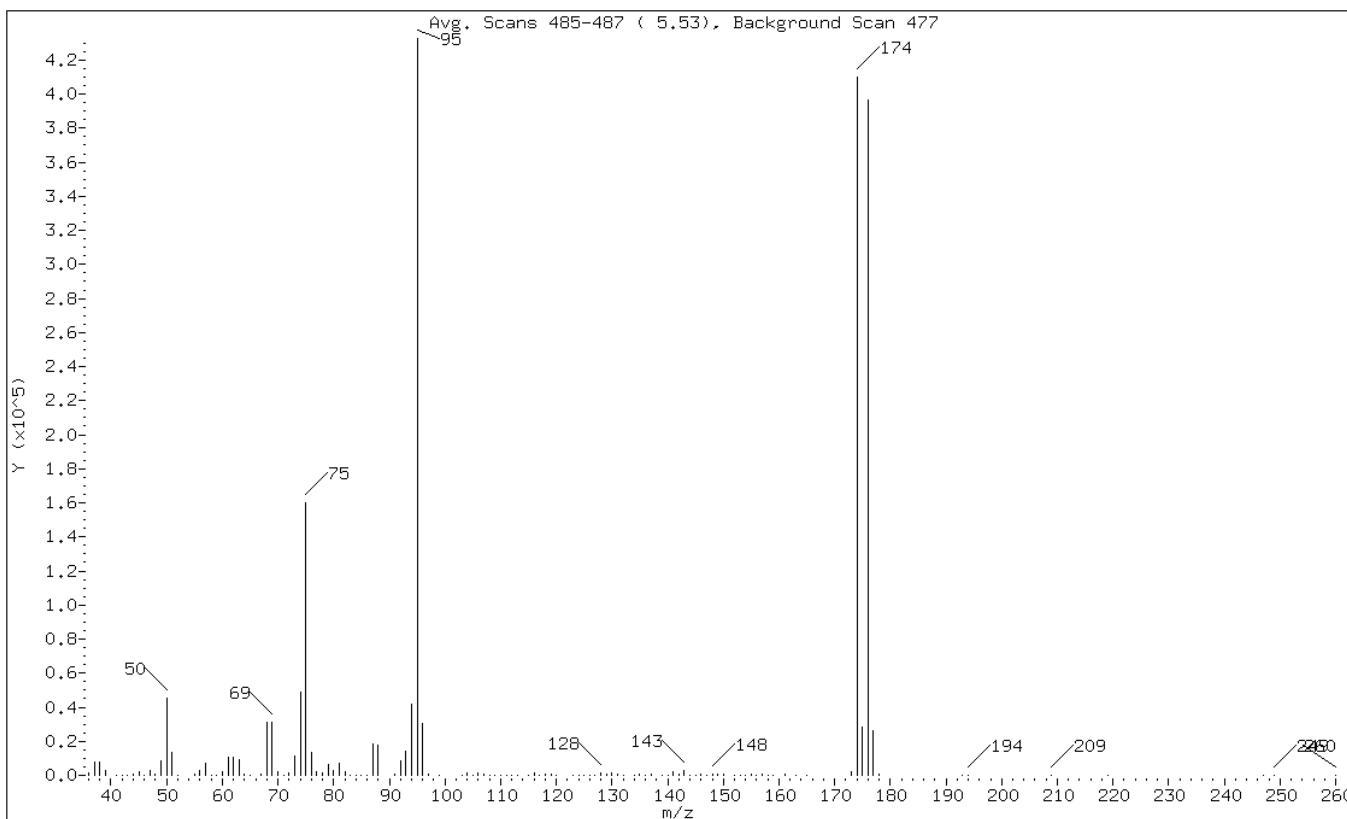
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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									
5.531	5.900	-0.369	95	432677			100.00- 100.00	100.00	
5.531	5.900	-0.369	50	45261			8.00- 40.00	10.46	
5.531	5.900	-0.369	75	160005			30.00- 66.00	36.98	
5.531	5.900	-0.369	96	30399			5.00- 9.00	7.03	
5.531	5.900	-0.369	173	2268			0.00- 2.00	0.55	
5.531	5.900	-0.369	174	409685			50.00- 120.00	94.69	
5.531	5.900	-0.369	175	28309			4.00- 9.00	6.91	
5.531	5.900	-0.369	176	396804			93.00- 101.00	96.86	
5.531	5.900	-0.369	177	26169			5.00- 9.00	6.59	

Data File: ggz001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 25-JAN-2013 08:52
 Instrument: G.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	10.46
75	30.00 - 66.00% of mass 95	36.98
96	5.00 - 9.00% of mass 95	7.03
173	Less than 2.00% of mass 174	0.52 (0.55)
174	50.00 - 120.00% of mass 95	94.69
175	4.00 - 9.00% of mass 174	6.54 (6.91)
176	93.00 - 101.00% of mass 174	91.71 (96.86)
177	5.00 - 9.00% of mass 176	6.05 (6.59)

Data File: ggz001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

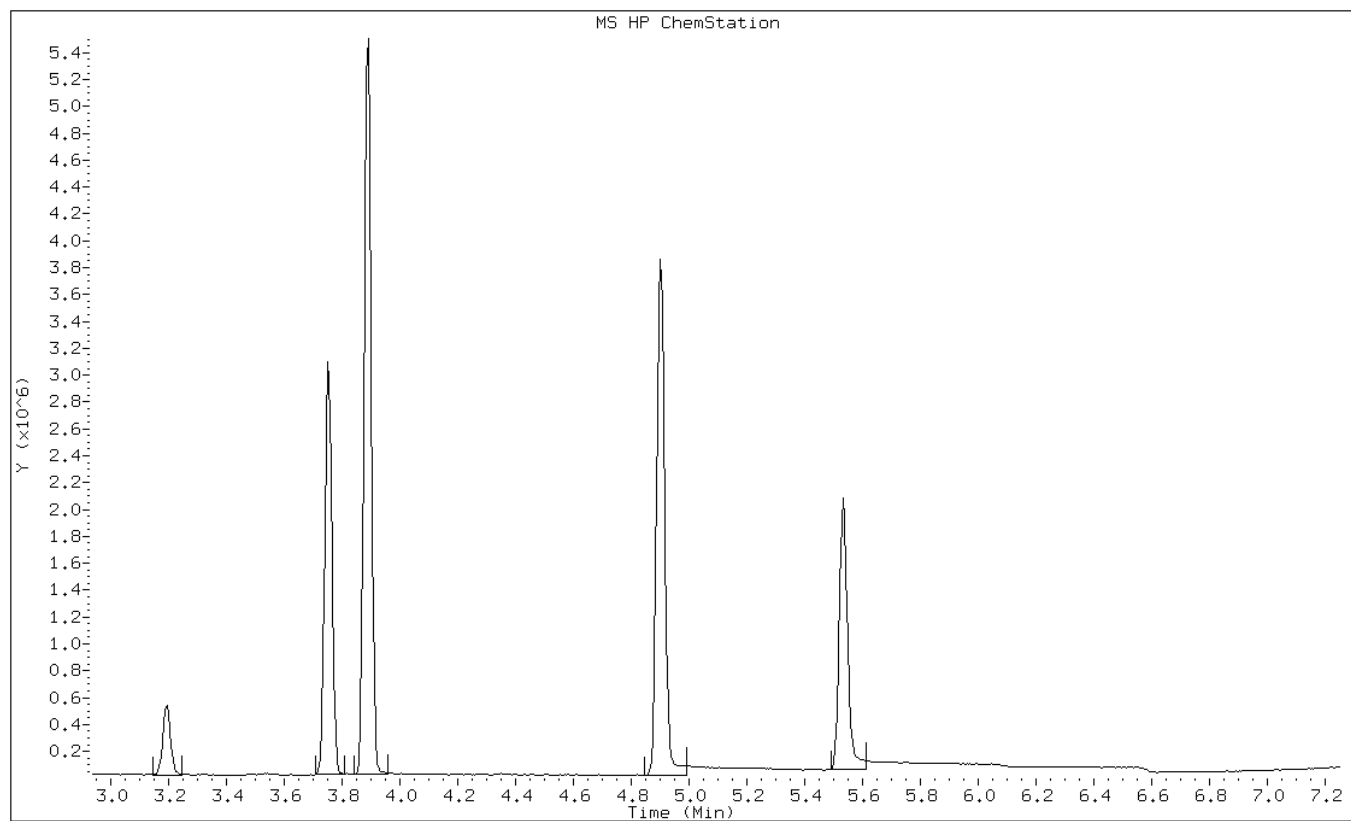
Date: 25-JAN-2013 08:52
 Instrument: G.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/G.i/Gsvr.p/ggzto15.b/ggz001.d
 Spectrum: Avg. Scans 485-487 (5.53), Background Scan 477
 Location of Maximum: 95.00
 Number of points: 124

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1325	72.00	1424	110.00	190	147.00	212
37.00	7700	73.00	11364	111.00	265	148.00	1027
38.00	7584	74.00	49064	112.00	214	149.00	527
39.00	2909	75.00	160000	113.00	222	150.00	423
41.00	245	76.00	13339	115.00	294	152.00	180
42.00	7	77.00	1944	116.00	1172	153.00	348
43.00	94	78.00	1075	117.00	34	154.00	252
44.00	903	79.00	6665	118.00	837	155.00	1026
45.00	2053	80.00	2844	119.00	762	156.00	277
46.00	193	81.00	7150	120.00	89	157.00	749
47.00	2512	82.00	1880	123.00	54	158.00	179
48.00	1025	83.00	20	124.00	204	159.00	232
49.00	8390	84.00	52	125.00	211	161.00	485
50.00	45256	85.00	119	126.00	202	163.00	152
51.00	13752	86.00	349	127.00	82	165.00	128
52.00	214	87.00	18320	128.00	1286	173.00	2268
55.00	472	88.00	17632	129.00	752	174.00	409664
56.00	3033	91.00	889	130.00	1411	175.00	28304
57.00	6817	92.00	8179	131.00	446	176.00	396800
58.00	320	93.00	14185	132.00	70	177.00	26168
59.00	58	94.00	41904	134.00	210	178.00	729
60.00	2221	95.00	432640	135.00	488	193.00	32
61.00	10687	96.00	30392	136.00	175	194.00	50
62.00	10804	97.00	759	137.00	577	209.00	147
63.00	9321	99.00	70	139.00	122	219.00	116
64.00	918	103.00	94	140.00	219	247.00	55
65.00	188	104.00	1066	141.00	2325	249.00	171
67.00	552	105.00	321	142.00	372	260.00	18
68.00	30936	106.00	1378	143.00	2713		
69.00	31040	107.00	384	144.00	62		
70.00	2396	108.00	135	145.00	306		
71.00	198	109.00	55	146.00	538		

Data File: ggz001.d
Client ID: BFB
Operator: wrd
Column Type: RTX-624
Stationary Phase: BFB
Sample Info: BFB
Lab Sample ID: BFB

Date: 25-JAN-2013 08:52
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/G.i/Gsvr.p/ggzpt015.b/ggzp001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 13-FEB-2013 08:42
 Operator : MTP Inst ID: G.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/G.i/Gsvr.p/ggzpt015.b/bfbto15.m
 Meth Date : 08-Aug-2011 11:23 jd1 Quant Type: ESTD
 Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
 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

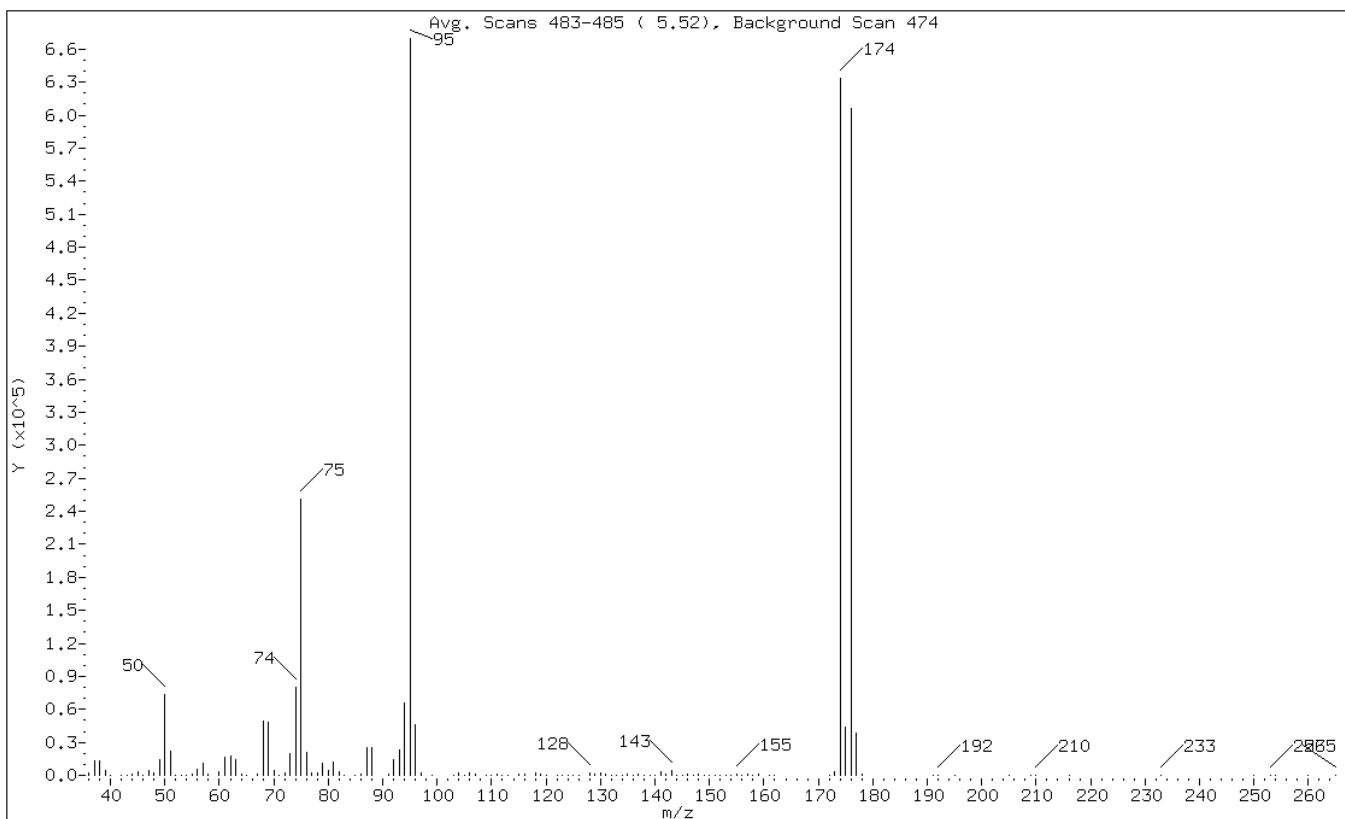
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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				
5.521	5.900	-0.379	95	669674			100.00-	100.00	100.00
5.521	5.900	-0.379	50	73169			8.00-	40.00	10.93
5.521	5.900	-0.379	75	250948			30.00-	66.00	37.47
5.521	5.900	-0.379	96	46336			5.00-	9.00	6.92
5.521	5.900	-0.379	173	3103			0.00-	2.00	0.49
5.521	5.900	-0.379	174	633301			50.00-	120.00	94.57
5.521	5.900	-0.379	175	43824			4.00-	9.00	6.92
5.521	5.900	-0.379	176	606464			93.00-	101.00	95.76
5.521	5.900	-0.379	177	38150			5.00-	9.00	6.29

Data File: ggzp001.d
 Client ID: BFB
 Operator: MTP
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 13-FEB-2013 08:42
 Instrument: G.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	10.93
75	30.00 - 66.00% of mass 95	37.47
96	5.00 - 9.00% of mass 95	6.92
173	Less than 2.00% of mass 174	0.46 (0.49)
174	50.00 - 120.00% of mass 95	94.57
175	4.00 - 9.00% of mass 174	6.54 (6.92)
176	93.00 - 101.00% of mass 174	90.56 (95.76)
177	5.00 - 9.00% of mass 176	5.70 (6.29)

Data File: ggzp001.d
 Client ID: BFB
 Operator: MTP
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

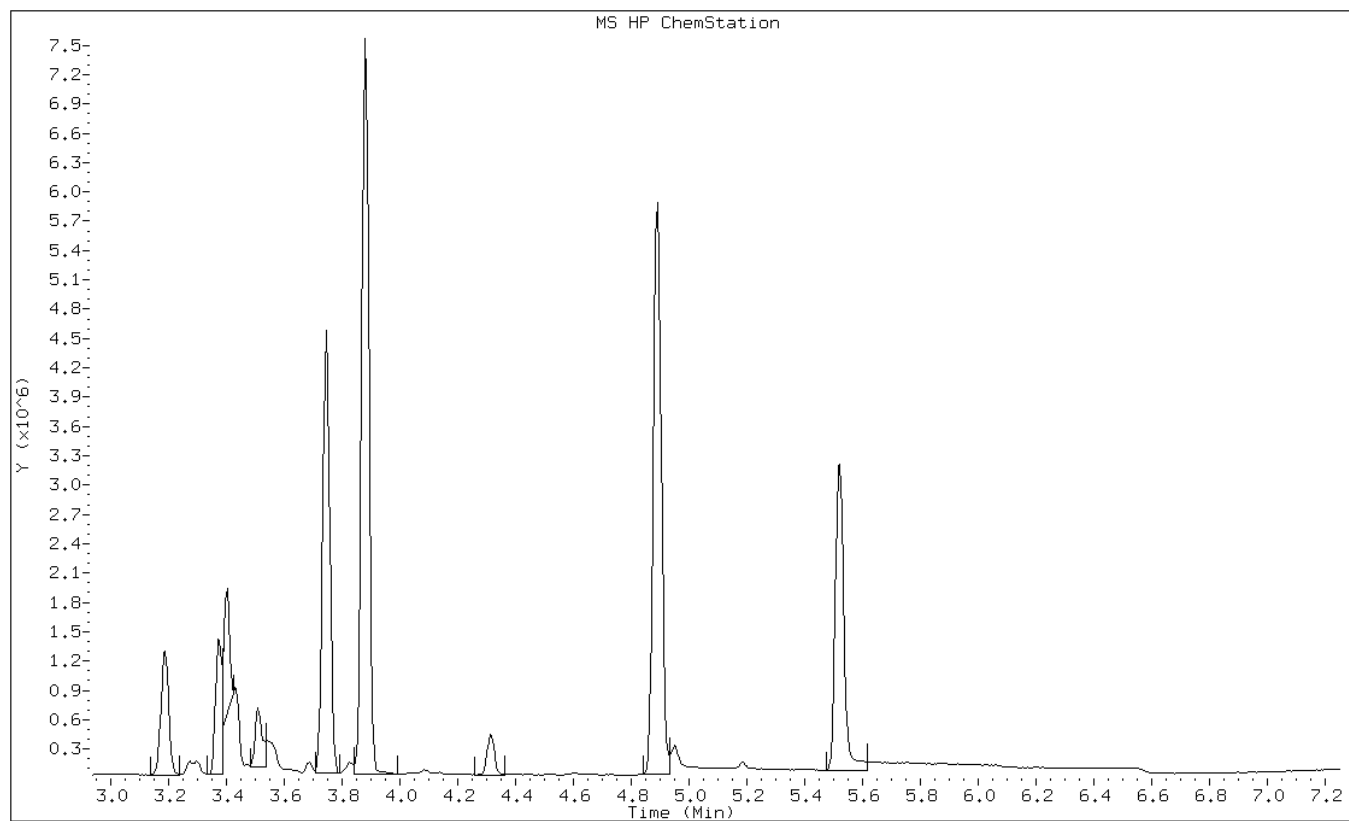
Date: 13-FEB-2013 08:42
 Instrument: G.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/G.i/Gsvr.p/ggzp015.b/ggzp001.d
 Spectrum: Avg. Scans 483-485 (5.52), Background Scan 474
 Location of Maximum: 95.00
 Number of points: 131

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2502	72.00	2114	113.00	377	150.00	515
37.00	13040	73.00	19400	115.00	603	151.00	50
38.00	12811	74.00	79888	116.00	1568	152.00	302
39.00	4629	75.00	250944	118.00	1660	153.00	478
40.00	70	76.00	21120	119.00	1548	154.00	486
42.00	102	77.00	2595	120.00	118	155.00	1584
43.00	116	78.00	2254	122.00	117	156.00	424
44.00	1002	79.00	11192	123.00	174	157.00	899
45.00	3205	80.00	4260	124.00	330	158.00	211
46.00	80	81.00	11695	125.00	359	159.00	635
47.00	4491	82.00	3005	126.00	171	161.00	459
48.00	1853	83.00	407	128.00	2105	162.00	56
49.00	14082	85.00	249	129.00	1162	172.00	297
50.00	73168	86.00	553	130.00	2061	173.00	3103
51.00	21784	87.00	25456	131.00	838	174.00	633280
52.00	302	88.00	25552	132.00	147	175.00	43824
53.00	241	91.00	1176	133.00	19	176.00	606464
54.00	39	92.00	13937	134.00	413	177.00	38144
55.00	1165	93.00	23224	135.00	934	178.00	1105
56.00	5189	94.00	66072	136.00	40	191.00	47
57.00	10877	95.00	669632	137.00	883	192.00	266
58.00	551	96.00	46336	138.00	95	195.00	26
60.00	3078	97.00	1753	139.00	246	205.00	72
61.00	16872	99.00	61	140.00	312	209.00	64
62.00	17616	103.00	229	141.00	3769	210.00	192
63.00	14250	104.00	1938	142.00	673	216.00	50
64.00	1374	105.00	532	143.00	4192	233.00	52
65.00	123	106.00	2050	144.00	200	250.00	60
67.00	996	107.00	666	145.00	422	253.00	153
68.00	49688	109.00	123	146.00	884	254.00	67
69.00	48672	110.00	279	147.00	274	260.00	57
70.00	4137	111.00	595	148.00	1369	265.00	52
71.00	298	112.00	301	149.00	387		

Data File: ggzp001.d
Client ID: BFB
Operator: MTP
Column Type: RTX-624
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 13-FEB-2013 08:42
Instrument: G.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.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-51767/5

Matrix: Air Lab File ID: bkuaau05.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/11/2013 13:31

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.: 51767 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

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-51767/5

Matrix: Air Lab File ID: bkuaau05.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/11/2013 13:31

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.: 51767 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20
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.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-51767/5

Matrix: Air Lab File ID: bkuaau05.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/11/2013 13:31

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.: 51767 Units: ug/m3

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

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-51767/5

Matrix: Air Lab File ID: bkuaau05.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/11/2013 13:31

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.: 51767 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		0.92	0.92
123-91-1	1,4-Dioxane	88.11	ND		18	18
75-27-4	Bromodichloromethane	163.83	ND		1.3	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.91	0.91
108-10-1	methyl isobutyl ketone	100.16	ND		2.0	2.0
108-88-3	Toluene	92.14	ND		0.75	0.75
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.91	0.91
79-00-5	1,1,2-Trichloroethane	133.41	ND		1.1	1.1
127-18-4	Tetrachloroethene	165.83	ND		1.4	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		2.0	2.0
124-48-1	Dibromochloromethane	208.29	ND		1.7	1.7
106-93-4	1,2-Dibromoethane	187.87	ND		1.5	1.5
108-90-7	Chlorobenzene	112.30	ND		0.92	0.92
100-41-4	Ethylbenzene	106.17	ND		0.87	0.87
179601-23-1	m,p-Xylene	106.17	ND		2.2	2.2
95-47-6	Xylene, o-	106.17	ND		0.87	0.87
1330-20-7	Xylene (total)	106.17	ND		0.87	0.87
100-42-5	Styrene	104.15	ND		0.85	0.85
75-25-2	Bromoform	252.75	ND		2.1	2.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		1.4	1.4
622-96-8	4-Ethyltoluene	120.20	ND		0.98	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.98	0.98
95-49-8	2-Chlorotoluene	126.59	ND		1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.98	0.98
541-73-1	1,3-Dichlorobenzene	147.00	ND		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	ND		1.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	ND		1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		3.7	3.7
87-68-3	Hexachlorobutadiene	260.76	ND		2.1	2.1

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuaau15.b/bkuaau05.d
Lab Smp Id: mb
Inj Date : 11-FEB-2013 13:31
Operator : pad
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/B.i/Bsvr.p/bkuaau15.b/to15v5.m
Meth Date : 11-Feb-2013 13:54 pd
Cal Date : 31-OCT-2012 18:01
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: B.i
Quant Type: ISTD
Cal File: bku003.d
QC Sample: BLANK
Compound Sublist: allT015.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 MASS	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						Compound Not Detected.		
16 Ethyl ether	59						Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101						Compound Not Detected.		
18 Acrolein	56						Compound Not Detected.		
19 1,1-Dichloroethene	96						Compound Not Detected.		
20 Acetone	43						Compound Not Detected.		
21 Carbon disulfide	76						Compound Not Detected.		
22 Isopropanol	45						Compound Not Detected.		
23 Allyl chloride	41						Compound Not Detected.		
24 Acetonitrile	41						Compound Not Detected.		
25 Methylene chloride	49	6.712	6.712	(0.738)		2404		0.07919	0.079(a)
26 Tert-butyl alcohol	59						Compound Not Detected.		
27 Methyl tert-butyl ether	73						Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61						Compound Not Detected.		
29 Acrylonitrile	53						Compound Not Detected.		
30 n-Hexane	57						Compound Not Detected.		
31 1,1-Dichloroethane	63						Compound Not Detected.		
32 Vinyl acetate	43						Compound Not Detected.		
M 33 1,2-Dichloroethene,Total	61						Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96						Compound Not Detected.		
35 Ethyl acetate	88						Compound Not Detected.		
36 Methyl Ethyl Ketone	72						Compound Not Detected.		
* 37 Bromochloromethane	128	9.097	9.113	(1.000)		446289		10.0000	
38 Tetrahydrofuran	42						Compound Not Detected.		
39 Chloroform	83						Compound Not Detected.		
40 Cyclohexane	84						Compound Not Detected.		
41 1,1,1-Trichloroethane	97						Compound Not Detected.		
42 Carbon tetrachloride	117						Compound Not Detected.		
43 2,2,4-Trimethylpentane	57						Compound Not Detected.		
44 Benzene	78						Compound Not Detected.		
45 1,2-Dichloroethane	62						Compound Not Detected.		
46 n-Heptane	43						Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	10.512	10.522	(1.000)		2077796		10.0000	
48 n-Butanol	56						Compound Not Detected.		
49 Trichloroethene	95						Compound Not Detected.		
50 1,2-Dichloropropane	63						Compound Not Detected.		
51 Methyl methacrylate	69						Compound Not Detected.		
52 Dibromomethane	174						Compound Not Detected.		
53 1,4-Dioxane	88						Compound Not Detected.		
54 Bromodichloromethane	83						Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75						Compound Not Detected.		
56 Methyl isobutyl ketone	43						Compound Not Detected.		
57 n-Octane	43						Compound Not Detected.		
58 Toluene	92						Compound Not Detected.		
59 1,3-Dichloropropene (trans)	75						Compound Not Detected.		
60 1,1,2-Trichloroethane	83						Compound Not Detected.		
61 Tetrachloroethene	166						Compound Not Detected.		

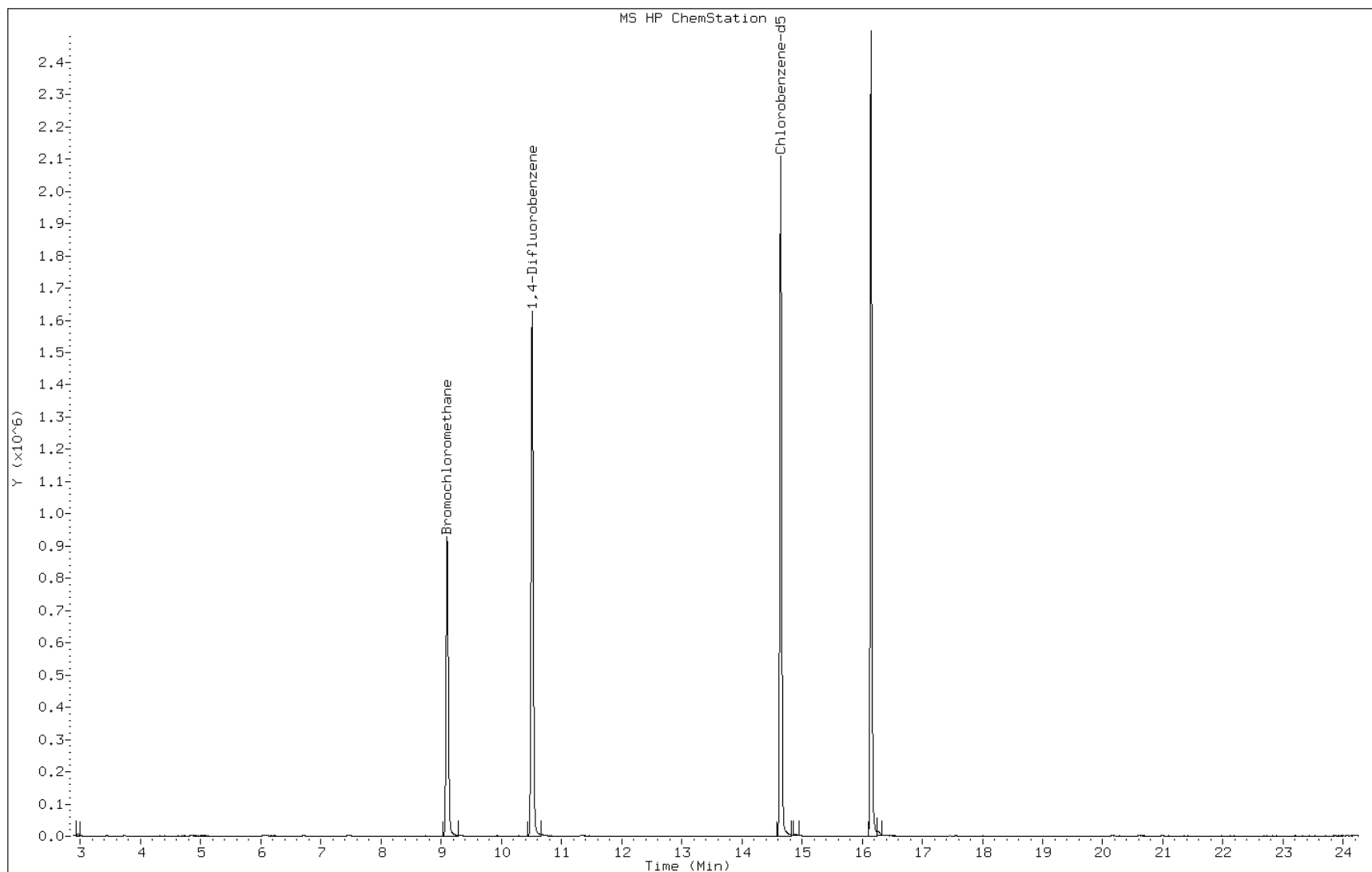
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
62 2-Hexanone	43						Compound Not Detected.		
63 Dibromochloromethane	129						Compound Not Detected.		
64 1,2-Dibromoethane	107						Compound Not Detected.		
* 65 Chlorobenzene-d5	117	14.648	14.658	(1.000)		1828788		10.0000	
66 Chlorobenzene	112						Compound Not Detected.		
67 n-Nonane	57						Compound Not Detected.		
68 Ethylbenzene	91						Compound Not Detected.		
69 Xylene (m,p)	106						Compound Not Detected.		
M 70 Xylenes, Total	106						Compound Not Detected.		
71 Xylene (o)	106						Compound Not Detected.		
72 Styrene	104						Compound Not Detected.		
73 Bromoform	173						Compound Not Detected.		
74 Isopropylbenzene	105						Compound Not Detected.		
75 1,1,2,2-Tetrachloroethane	83						Compound Not Detected.		
76 n-Propylbenzene	91						Compound Not Detected.		
77 1,2,3-Trichloropropane	75						Compound Not Detected.		
78 n-Decane	57						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.		
82 Alpha Methyl Styrene	118						Compound Not Detected.		
83 tert-butylbenzene	119						Compound Not Detected.		
84 1,2,4-Trimethylbenzene	105						Compound Not Detected.		
85 sec-Butylbenzene	105						Compound Not Detected.		
86 4-Isopropyltoluene	119						Compound Not Detected.		
87 1,3-Dichlorobenzene	146						Compound Not Detected.		
88 1,4-Dichlorobenzene	146						Compound Not Detected.		
89 Benzyl chloride	91						Compound Not Detected.		
90 Undecane	57						Compound Not Detected.		
91 n-Butylbenzene	91						Compound Not Detected.		
92 1,2-Dichlorobenzene	146						Compound Not Detected.		
93 Dodecane	57						Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180						Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225						Compound Not Detected.		
96 Naphthalene	128						Compound Not Detected.		
97 1,2,3-Trichlorobenzene	180						Compound Not Detected.		

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: bkuaau05.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 11-FEB-2013 13:31
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-51845/4

Matrix: Air Lab File ID: ggzp004.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/13/2013 11:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51845 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

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-51845/4

Matrix: Air Lab File ID: ggzp004.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/13/2013 11:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20
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.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-51845/4

Matrix: Air Lab File ID: ggzp004.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/13/2013 11:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51845 Units: ug/m3

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

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-51845/4

Matrix: Air Lab File ID: ggzp004.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/13/2013 11:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51845 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	ND		0.92	0.92
123-91-1	1,4-Dioxane	88.11	ND		18	18
75-27-4	Bromodichloromethane	163.83	ND		1.3	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.91	0.91
108-10-1	methyl isobutyl ketone	100.16	ND		2.0	2.0
108-88-3	Toluene	92.14	ND		0.75	0.75
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.91	0.91
79-00-5	1,1,2-Trichloroethane	133.41	ND		1.1	1.1
127-18-4	Tetrachloroethene	165.83	ND		1.4	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		2.0	2.0
124-48-1	Dibromochloromethane	208.29	ND		1.7	1.7
106-93-4	1,2-Dibromoethane	187.87	ND		1.5	1.5
108-90-7	Chlorobenzene	112.30	ND		0.92	0.92
100-41-4	Ethylbenzene	106.17	ND		0.87	0.87
179601-23-1	m,p-Xylene	106.17	ND		2.2	2.2
95-47-6	Xylene, o-	106.17	ND		0.87	0.87
1330-20-7	Xylene (total)	106.17	ND		0.87	0.87
100-42-5	Styrene	104.15	ND		0.85	0.85
75-25-2	Bromoform	252.75	ND		2.1	2.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		1.4	1.4
622-96-8	4-Ethyltoluene	120.20	ND		0.98	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.98	0.98
95-49-8	2-Chlorotoluene	126.59	ND		1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.98	0.98
541-73-1	1,3-Dichlorobenzene	147.00	ND		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	ND		1.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	ND		1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		3.7	3.7
87-68-3	Hexachlorobutadiene	260.76	ND		2.1	2.1

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzpt015.b/ggzp004.d
Lab Smp Id: mb
Inj Date : 13-FEB-2013 11:14
Operator : MTP
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/G.i/Gsvr.p/ggzpt015.b/to15v5.m
Meth Date : 13-Feb-2013 10:53 mtp
Cal Date : 25-JAN-2013 16:32
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: G.i
Quant Type: ISTD
Cal File: gg010.d
Compound Sublist: allT015.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						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41		3.006	3.006	(0.294)	3028	0.28510	0.29(aq)
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						Compound Not Detected.		
16 Ethyl ether	59						Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101						Compound Not Detected.		
18 Acrolein	56						Compound Not Detected.		
19 1,1-Dichloroethene	96						Compound Not Detected.		
20 Acetone	43						Compound Not Detected.		
21 Carbon disulfide	76						Compound Not Detected.		
22 Isopropanol	45						Compound Not Detected.		
23 Allyl chloride	41						Compound Not Detected.		
24 Acetonitrile	41						Compound Not Detected.		
25 Methylene chloride	49						Compound Not Detected.		
26 Tert-butyl alcohol	59						Compound Not Detected.		
27 Methyl tert-butyl ether	73						Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61						Compound Not Detected.		
29 Acrylonitrile	53						Compound Not Detected.		
30 n-Hexane	57						Compound Not Detected.		
31 1,1-Dichloroethane	63						Compound Not Detected.		
32 Vinyl acetate	43						Compound Not Detected.		
M 33 1,2-Dichloroethene,Total	61						Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96						Compound Not Detected.		
35 Ethyl acetate	88						Compound Not Detected.		
36 Methyl Ethyl Ketone	72						Compound Not Detected.		
* 37 Bromochloromethane	128	10.223	10.244	(1.000)		533336		10.0000	
38 Tetrahydrofuran	42						Compound Not Detected.		
39 Chloroform	83						Compound Not Detected.		
40 Cyclohexane	84						Compound Not Detected.		
41 1,1,1-Trichloroethane	97						Compound Not Detected.		
42 Carbon tetrachloride	117						Compound Not Detected.		
43 2,2,4-Trimethylpentane	57						Compound Not Detected.		
44 Benzene	78						Compound Not Detected.		
45 1,2-Dichloroethane	62						Compound Not Detected.		
46 n-Heptane	43						Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	12.251	12.272	(1.000)		3771745		10.0000	
48 n-Butanol	56						Compound Not Detected.		
49 Trichloroethene	95						Compound Not Detected.		
50 1,2-Dichloropropane	63						Compound Not Detected.		
51 Methyl methacrylate	69						Compound Not Detected.		
52 Dibromomethane	174						Compound Not Detected.		
53 1,4-Dioxane	88						Compound Not Detected.		
54 Bromodichloromethane	83						Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75						Compound Not Detected.		
56 Methyl isobutyl ketone	43						Compound Not Detected.		
57 n-Octane	43						Compound Not Detected.		
58 Toluene	92						Compound Not Detected.		
59 1,3-Dichloropropene (trans)	75						Compound Not Detected.		
60 1,1,2-Trichloroethane	83						Compound Not Detected.		
61 Tetrachloroethene	166						Compound Not Detected.		

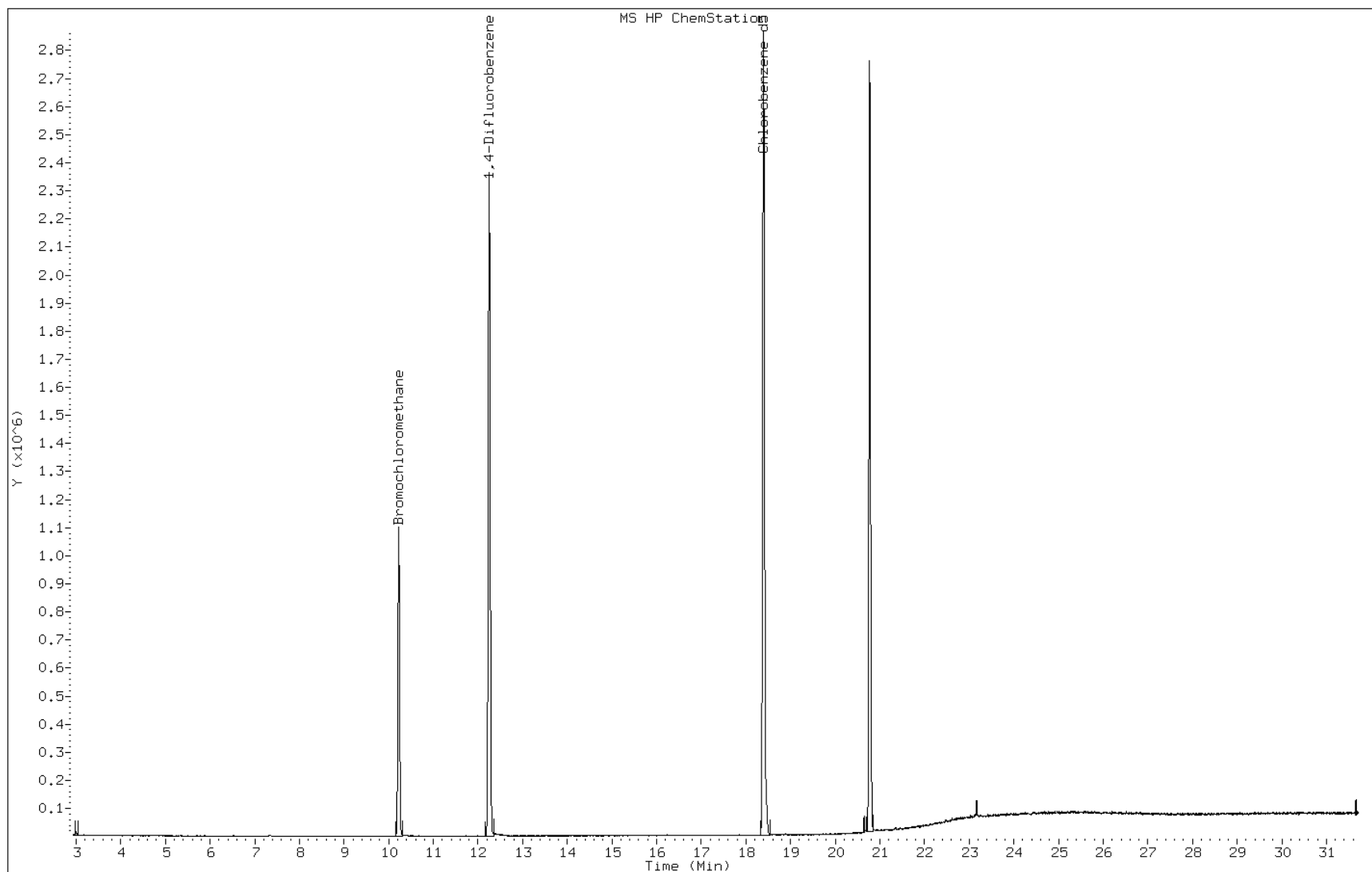
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	18.392	18.413	(1.000)	3544440	10.0000	
66 Chlorobenzene	112				Compound Not Detected.		
67 n-Nonane	57				Compound Not Detected.		
68 Ethylbenzene	91				Compound Not Detected.		
69 Xylene (m,p)	106				Compound Not Detected.		
M 70 Xylenes, Total	106				Compound Not Detected.		
71 Xylene (o)	106				Compound Not Detected.		
72 Styrene	104				Compound Not Detected.		
73 Bromoform	173				Compound Not Detected.		
74 Isopropylbenzene	105				Compound Not Detected.		
75 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
76 n-Propylbenzene	91				Compound Not Detected.		
77 1,2,3-Trichloropropane	75				Compound Not Detected.		
78 n-Decane	57				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.		
82 Alpha Methyl Styrene	118				Compound Not Detected.		
83 tert-butylbenzene	119				Compound Not Detected.		
84 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
85 sec-Butylbenzene	105				Compound Not Detected.		
86 4-Isopropyltoluene	119				Compound Not Detected.		
87 1,3-Dichlorobenzene	146				Compound Not Detected.		
88 1,4-Dichlorobenzene	146				Compound Not Detected.		
89 Benzyl chloride	91				Compound Not Detected.		
90 Undecane	57				Compound Not Detected.		
91 n-Butylbenzene	91				Compound Not Detected.		
92 1,2-Dichlorobenzene	146				Compound Not Detected.		
93 Dodecane	57				Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225				Compound Not Detected.		
96 Naphthalene	128				Compound Not Detected.		
97 1,2,3-Trichlorobenzene	180				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: ggzp004.d
Client ID:
Operator: MTP
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 13-FEB-2013 11:14
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-51767/4

Matrix: Air Lab File ID: bkuaau04.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/11/2013 12:39

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51767 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	11.9		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	11.1		0.20	0.20
74-87-3	Chloromethane	50.49	10.7		0.50	0.50
75-01-4	Vinyl chloride	62.50	10.9		0.20	0.20
106-99-0	1,3-Butadiene	54.09	11.1		0.20	0.20
74-83-9	Bromomethane	94.94	11.9		0.20	0.20
75-00-3	Chloroethane	64.52	12.5		0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	106.96	12.7		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	10.6		0.20	0.20
76-13-1	Freon TF	187.38	11.7		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	12.5		0.20	0.20
67-64-1	Acetone	58.08	10.8		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	10.8		5.0	5.0
75-15-0	Carbon disulfide	76.14	11.8		0.50	0.50
107-05-1	3-Chloropropene	76.53	12.0		0.50	0.50
75-09-2	Methylene Chloride	84.93	12.6		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	9.96		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	10.8		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	11.1		0.20	0.20
110-54-3	n-Hexane	86.17	11.8		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	11.3		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	11.5		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	11.8		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	22.9		0.20	0.20
67-66-3	Chloroform	119.38	10.6		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	12.5		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	10.1		0.20	0.20
110-82-7	Cyclohexane	84.16	11.6		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	9.44		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	11.9		0.20	0.20
71-43-2	Benzene	78.11	11.6		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	10.2		0.20	0.20
142-82-5	n-Heptane	100.21	11.9		0.20	0.20
79-01-6	Trichloroethene	131.39	10.7		0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-51767/4

Matrix: Air Lab File ID: bkuaau04.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/11/2013 12:39

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 51767 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	11.3		0.20	0.20
123-91-1	1,4-Dioxane	88.11	10.3		5.0	5.0
75-27-4	Bromodichloromethane	163.83	11.1		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	11.4		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	12.6		0.50	0.50
108-88-3	Toluene	92.14	11.2		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	11.0		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	11.0		0.20	0.20
127-18-4	Tetrachloroethene	165.83	9.81		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	12.1		0.50	0.50
124-48-1	Dibromochloromethane	208.29	11.2		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	11.0		0.20	0.20
108-90-7	Chlorobenzene	112.30	10.7		0.20	0.20
100-41-4	Ethylbenzene	106.17	10.9		0.20	0.20
179601-23-1	m,p-Xylene	106.17	22.0		0.50	0.50
95-47-6	Xylene, o-	106.17	11.0		0.20	0.20
1330-20-7	Xylene (total)	106.17	33.0		0.20	0.20
100-42-5	Styrene	104.15	11.6		0.20	0.20
75-25-2	Bromoform	252.75	11.0		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	11.2		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	11.3		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	10.4		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	10.9		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	10.4		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	10.4		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	10.3		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	10.0		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	11.0		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	8.56		0.20	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuaau15.b/bkuaau04.d
Lab Smp Id: lcs 453882
Inj Date : 11-FEB-2013 12:39
Operator : pad
Smp Info : lcs 453882
Misc Info : 200,1, lcs
Comment :
Method : /chem/B.i/Bsvr.p/bkuaau15.b/to15v5.m
Meth Date : 11-Feb-2013 13:54 pd
Cal Date : 31-OCT-2012 18:01
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bku003.d
QC Sample: LCS
Compound Sublist: allT015.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 MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	2.965	2.965	(0.326)	110529	11.8756	12
2 Dichlorodifluoromethane	85	3.013	3.013	(0.331)	795682	11.8707	12
3 Chlorodifluoromethane	51	3.045	3.045	(0.335)	297880	11.4071	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.352)	756234	11.0688	11
5 Chloromethane	50	3.301	3.301	(0.363)	150426	10.7377	11
6 Butane	43	3.445	3.446	(0.378)	247496	10.2241	10
7 Vinyl chloride	62	3.477	3.478	(0.382)	220516	10.8982	11
8 1,3-Butadiene	54	3.531	3.531	(0.388)	159160	11.1249	11
9 Bromomethane	94	4.064	4.065	(0.447)	358375	11.8597	12
10 Chloroethane	64	4.257	4.262	(0.468)	168246	12.5252	13
11 2-Methylbutane	43	4.326	4.337	(0.475)	314586	12.1494	12
12 Vinyl bromide	106	4.620	4.625	(0.507)	469242	12.7447	13
13 Trichlorofluoromethane	101	4.716	4.716	(0.518)	1113858	10.6157	11
14 Pentane	43	4.844	4.844	(0.532)	532577	12.6647	13

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.212	5.223	(0.573)	160354	18.4323	18
16 Ethyl ether	59	5.319	5.324	(0.584)	260823	11.1477	11
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.698	5.708	(0.626)	933843	11.6885	12
18 Acrolein	56	5.660	5.671	(0.622)	124631	10.7904	11
19 1,1-Dichloroethene	96	5.762	5.767	(0.633)	468078	12.4945	12
20 Acetone	43	5.938	5.943	(0.652)	472437	10.8173	11
21 Carbon disulfide	76	6.167	6.178	(0.678)	1245968	11.8316	12
22 Isopropanol	45	6.210	6.221	(0.682)	341683	10.7837	11
23 Allyl chloride	41	6.445	6.450	(0.708)	384624	12.0362	12
24 Acetonitrile	41	6.519	6.530	(0.716)	233003	12.4596	12
25 Methylene chloride	49	6.701	6.712	(0.736)	376948	12.5775	13
26 Tert-butyl alcohol	59	6.920	6.936	(0.760)	578380	9.95624	10
27 Methyl tert-butyl ether	73	7.075	7.091	(0.777)	1185709	10.8258	11
28 1,2-Dichloroethene (trans)	61	7.107	7.112	(0.781)	556019	11.1093	11
29 Acrylonitrile	53	7.187	7.197	(0.790)	268752	13.3746	13(R)
30 n-Hexane	57	7.432	7.443	(0.816)	585556	11.8123	12
31 1,1-Dichloroethane	63	7.838	7.843	(0.861)	694266	11.2902	11
32 Vinyl acetate	43	7.864	7.875	(0.864)	814541	11.9683	12
M 33 1,2-Dichloroethene,Total	61				1057449	22.8966	23
34 1,2-Dichloroethene (cis)	96	8.740	8.750	(0.960)	501429	11.7873	12
35 Ethyl acetate	88	8.777	8.788	(0.964)	40376	11.5152	12
36 Methyl Ethyl Ketone	72	8.745	8.761	(0.961)	209276	11.5007	12
* 37 Bromochloromethane	128	9.103	9.113	(1.000)	440600	10.0000	
38 Tetrahydrofuran	42	9.140	9.151	(0.869)	355057	12.5083	13
39 Chloroform	83	9.188	9.193	(1.009)	908574	10.5855	11
40 Cyclohexane	84	9.433	9.450	(0.897)	629291	11.5814	12
41 1,1,1-Trichloroethane	97	9.428	9.434	(0.896)	963233	10.1485	10
42 Carbon tetrachloride	117	9.631	9.642	(0.916)	1003609	9.43561	9.4
43 2,2,4-Trimethylpentane	57	9.924	9.930	(0.944)	1810724	11.9139	12
44 Benzene	78	9.956	9.967	(0.947)	1357063	11.6175	12
45 1,2-Dichloroethane	62	10.058	10.074	(0.956)	520743	10.1705	10
46 n-Heptane	43	10.186	10.202	(0.969)	589225	11.8538	12
* 47 1,4-Difluorobenzene	114	10.517	10.522	(1.000)	2015695	10.0000	
48 n-Butanol	56	10.810	10.821	(1.028)	175803	11.3406	11
49 Trichloroethene	95	10.874	10.885	(1.034)	635535	10.6849	11
50 1,2-Dichloropropane	63	11.237	11.248	(1.068)	432764	11.3113	11
51 Methyl methacrylate	69	11.312	11.323	(1.076)	470411	12.2066	12
52 Dibromomethane	174	11.424	11.435	(1.086)	667535	10.7247	11
53 1,4-Dioxane	88	11.413	11.430	(1.085)	183610	10.3063	10
54 Bromodichloromethane	83	11.606	11.616	(1.104)	1024932	11.1149	11
55 1,3-Dichloropropene (cis)	75	12.235	12.241	(1.163)	731579	11.3761	11
56 Methyl isobutyl ketone	43	12.417	12.428	(1.181)	767487	12.5952	13
57 n-Octane	43	12.668	12.678	(1.204)	785826	11.9120	12
58 Toluene	92	12.657	12.668	(0.864)	1059921	11.1877	11
59 1,3-Dichloropropene (trans)	75	13.031	13.041	(1.239)	763119	11.0019	11
60 1,1,2-Trichloroethane	83	13.297	13.303	(0.908)	479593	10.9522	11
61 Tetrachloroethene	166	13.425	13.431	(0.917)	1004489	9.81283	9.8

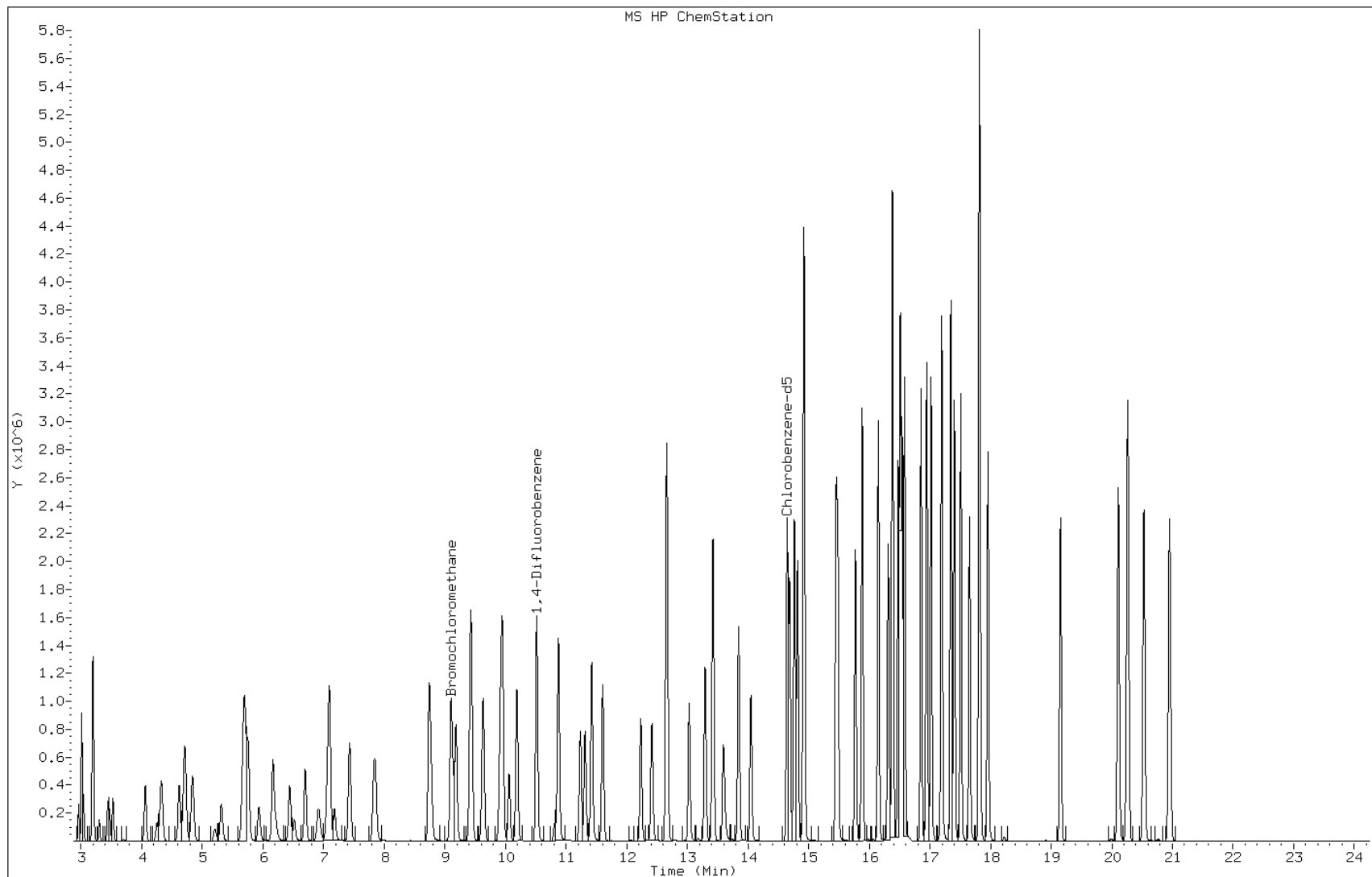
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.596	13.607	(0.928)	720572	12.1041	12
63 Dibromochloromethane	129	13.847	13.858	(0.945)	1201215	11.1778	11
64 1,2-Dibromoethane	107	14.050	14.061	(0.959)	1004251	11.0381	11
* 65 Chlorobenzene-d5	117	14.648	14.658	(1.000)	1869349	10.0000	
66 Chlorobenzene	112	14.690	14.696	(1.003)	1502110	10.6658	11
67 n-Nonane	57	14.818	14.829	(1.012)	880226	11.5536	12
68 Ethylbenzene	91	14.765	14.776	(1.008)	2310529	10.8999	11
69 Xylene (m,p)	106	14.925	14.936	(1.019)	1928395	22.0473	22
M 70 Xylenes, Total	106				2863731	33.0424	33
71 Xylene (o)	106	15.453	15.464	(1.055)	935336	10.9951	11
72 Styrene	104	15.485	15.491	(1.057)	1473755	11.6387	12
73 Bromoform	173	15.774	15.784	(1.077)	1248629	11.0303	11
74 Isopropylbenzene	105	15.886	15.897	(1.085)	2755068	10.9789	11
75 1,1,2,2-Tetrachloroethane	83	16.313	16.323	(1.114)	1285188	11.2129	11
76 n-Propylbenzene	91	16.382	16.388	(1.118)	3147483	11.3096	11
77 1,2,3-Trichloropropane	75	16.393	16.398	(1.119)	945898	11.4507	11
78 n-Decane	57	16.478	16.489	(1.125)	1104554	11.6335	12
79 4-Ethyltoluene	105	16.510	16.521	(1.127)	2880467	11.3195	11
80 2-Chlorotoluene	91	16.542	16.553	(1.129)	2483575	10.9268	11
81 1,3,5-Trimethylbenzene	105	16.585	16.590	(1.132)	2293394	10.4401	10
82 Alpha Methyl Styrene	118	16.857	16.863	(1.151)	1273141	11.8548	12
83 tert-butylbenzene	119	16.948	16.959	(1.157)	2291954	10.7039	11
84 1,2,4-Trimethylbenzene	105	17.023	17.028	(1.162)	2260162	10.4190	10
85 sec-Butylbenzene	105	17.199	17.204	(1.174)	3396461	10.6470	11
86 4-Isopropyltoluene	119	17.348	17.354	(1.184)	2947534	10.8954	11
87 1,3-Dichlorobenzene	146	17.407	17.418	(1.188)	1717600	10.4188	10
88 1,4-Dichlorobenzene	146	17.514	17.524	(1.196)	1728616	10.3074	10
89 Benzyl chloride	91	17.658	17.668	(1.205)	2113624	11.5666	12
90 Undecane	57	17.812	17.823	(1.216)	1158235	12.7169	13
91 n-Butylbenzene	91	17.823	17.834	(1.217)	2495846	11.3824	11
92 1,2-Dichlorobenzene	146	17.962	17.973	(1.226)	1599170	9.99689	10
93 Dodecane	57	19.152	19.163	(1.308)	1069335	13.8946	14(R)
94 1,2,4-Trichlorobenzene	180	20.107	20.118	(1.373)	1381979	11.0364	11
95 1,3-Hexachlorobutadiene	225	20.262	20.278	(1.383)	1084019	8.55612	8.6
96 Naphthalene	128	20.529	20.545	(1.402)	3321953	13.0663	13(R)
97 1,2,3-Trichlorobenzene	180	20.950	20.967	(1.430)	1374200	12.2380	12

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: bkuaau04.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 453882
Lab Sample ID: lcs 453882

Date: 11-FEB-2013 12:39
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-51845/3

Matrix: Air Lab File ID: ggzp003.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/13/2013 10:23

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.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	12.8		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	12.5		0.20	0.20
74-87-3	Chloromethane	50.49	11.8		0.50	0.50
75-01-4	Vinyl chloride	62.50	11.7		0.20	0.20
106-99-0	1,3-Butadiene	54.09	12.0		0.20	0.20
74-83-9	Bromomethane	94.94	11.9		0.20	0.20
75-00-3	Chloroethane	64.52	11.9		0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	106.96	12.1		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	12.1		0.20	0.20
76-13-1	Freon TF	187.38	12.9		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	12.7		0.20	0.20
67-64-1	Acetone	58.08	10.6		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	11.3		5.0	5.0
75-15-0	Carbon disulfide	76.14	11.6		0.50	0.50
107-05-1	3-Chloropropene	76.53	11.2		0.50	0.50
75-09-2	Methylene Chloride	84.93	12.4		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	10.9		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	11.0		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	11.6		0.20	0.20
110-54-3	n-Hexane	86.17	11.5		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	11.5		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	9.66		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	10.5		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	22.2		0.20	0.20
67-66-3	Chloroform	119.38	10.7		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	9.55		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	10.6		0.20	0.20
110-82-7	Cyclohexane	84.16	9.72		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	10.4		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	10.3		0.20	0.20
71-43-2	Benzene	78.11	9.86		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	10.9		0.20	0.20
142-82-5	n-Heptane	100.21	10.2		0.20	0.20
79-01-6	Trichloroethene	131.39	10.2		0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-51845/3

Matrix: Air Lab File ID: ggzp003.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/13/2013 10:23

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.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
78-87-5	1,2-Dichloropropane	112.99	9.58		0.20	0.20
123-91-1	1,4-Dioxane	88.11	10.3		5.0	5.0
75-27-4	Bromodichloromethane	163.83	10.8		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	9.90		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	10.1		0.50	0.50
108-88-3	Toluene	92.14	9.23		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	10.3		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	8.96		0.20	0.20
127-18-4	Tetrachloroethene	165.83	9.64		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.0		0.50	0.50
124-48-1	Dibromochloromethane	208.29	10.5		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	9.63		0.20	0.20
108-90-7	Chlorobenzene	112.30	9.28		0.20	0.20
100-41-4	Ethylbenzene	106.17	9.52		0.20	0.20
179601-23-1	m,p-Xylene	106.17	19.0		0.50	0.50
95-47-6	Xylene, o-	106.17	9.41		0.20	0.20
1330-20-7	Xylene (total)	106.17	28.5		0.20	0.20
100-42-5	Styrene	104.15	9.72		0.20	0.20
75-25-2	Bromoform	252.75	10.6		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.41		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	10.8		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	9.98		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	10.3		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	10.1		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	10.4		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	10.2		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	10.1		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	11.0		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	10.2		0.20	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzpt015.b/ggzp003.d
Lab Smp Id: lcs 459605
Inj Date : 13-FEB-2013 10:23
Operator : MTP
Smp Info : lcs 459605
Misc Info : 200,1, lcs
Comment :
Method : /chem/G.i/Gsvr.p/ggzpt015.b/to15v5.m
Meth Date : 13-Feb-2013 10:53 mtp
Cal Date : 25-JAN-2013 16:32
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: G.i
Quant Type: ISTD
Cal File: gg010.d
QC Sample: LCS
Compound Sublist: allT015.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	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ppb v/v)	(ppb v/v)
1 Propene		41	3.001	3.006 (0.293)		161509	12.2224	12
2 Dichlorodifluoromethane		85	3.070	3.076 (0.300)		1293383	12.8081	13
3 Chlorodifluoromethane		51	3.113	3.119 (0.304)		528703	12.4426	12
4 1,2-Dichloro-1,1,2,2-tetraflu		85	3.333	3.338 (0.326)		1257637	12.5294	13
5 Chloromethane		50	3.456	3.461 (0.338)		249952	11.8320	12
6 Butane		43	3.664	3.675 (0.358)		331640	11.8068	12
7 Vinyl chloride		62	3.696	3.702 (0.361)		326781	11.6586	12
8 1,3-Butadiene		54	3.777	3.782 (0.369)		202574	11.9821	12
9 Bromomethane		94	4.435	4.440 (0.434)		456661	11.9041	12
10 Chloroethane		64	4.670	4.681 (0.457)		135303	11.9031	12
11 2-Methylbutane		43	4.782	4.793 (0.468)		248269	11.4696	11
12 Vinyl bromide		106	5.061	5.071 (0.495)		537101	12.1113	12
13 Trichlorofluoromethane		101	5.189	5.200 (0.507)		1453194	12.1220	12
14 Pentane		43	5.349	5.355 (0.523)		375387	11.5209	12

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.724	5.729	(0.560)	112005	15.8321	16
16 Ethyl ether	59	5.858	5.863	(0.573)	150300	10.5210	11
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.275	6.291	(0.613)	1044615	12.8697	13
18 Acrolein	56	6.168	6.184	(0.603)	69511	9.76513	9.8
19 1,1-Dichloroethene	96	6.291	6.302	(0.615)	433290	12.6677	13
20 Acetone	43	6.478	6.489	(0.633)	325280	10.6307	11
21 Carbon disulfide	76	6.671	6.681	(0.652)	1140811	11.5970	12
22 Isopropanol	45	6.805	6.815	(0.665)	238083	11.3406	11
23 Allyl chloride	41	7.061	7.077	(0.690)	280327	11.1822	11
24 Acetonitrile	41	7.109	7.120	(0.695)	148648	11.6680	12(M)
25 Methylene chloride	49	7.340	7.361	(0.718)	349695	12.4390	12
26 Tert-butyl alcohol	59	7.586	7.596	(0.742)	426004	10.8909	11
27 Methyl tert-butyl ether	73	7.800	7.816	(0.763)	842341	11.0108	11
28 1,2-Dichloroethene (trans)	61	7.816	7.832	(0.764)	498953	11.6394	12
29 Acrylonitrile	53	7.880	7.901	(0.770)	148492	10.7835	11
30 n-Hexane	57	8.260	8.270	(0.808)	386452	11.4756	11
31 1,1-Dichloroethane	63	8.661	8.677	(0.847)	640724	11.4675	11
32 Vinyl acetate	43	8.757	8.773	(0.856)	443877	10.4428	10
M 33 1,2-Dichloroethene,Total	61				1039499	22.1864	22
34 1,2-Dichloroethene (cis)	96	9.774	9.790	(0.956)	540546	10.5470	11
35 Ethyl acetate	88	9.891	9.913	(0.967)	21348	9.71359	9.7
36 Methyl Ethyl Ketone	72	9.800	9.816	(0.958)	126775	9.65868	9.7
* 37 Bromochloromethane	128	10.228	10.244	(1.000)	663351	10.0000	
38 Tetrahydrofuran	42	10.266	10.276	(0.838)	224327	9.55125	9.6
39 Chloroform	83	10.373	10.394	(1.014)	1170427	10.6934	11
40 Cyclohexane	84	10.699	10.715	(0.873)	640040	9.72423	9.7
41 1,1,1-Trichloroethane	97	10.678	10.699	(0.871)	1453045	10.5733	11
42 Carbon tetrachloride	117	10.956	10.972	(0.894)	1762593	10.4222	10
43 2,2,4-Trimethylpentane	57	11.453	11.469	(0.935)	1901455	10.3469	10
44 Benzene	78	11.395	11.411	(0.930)	1544424	9.86492	9.9
45 1,2-Dichloroethane	62	11.539	11.560	(0.942)	711783	10.9004	11
46 n-Heptane	43	11.865	11.881	(0.968)	594773	10.1700	10
* 47 1,4-Difluorobenzene	114	12.256	12.272	(1.000)	3943333	10.0000	
48 n-Butanol	56	12.652	12.657	(1.032)	157450	9.45532	9.5
49 Trichloroethene	95	12.748	12.769	(1.040)	1062146	10.1803	10
50 1,2-Dichloropropane	63	13.278	13.294	(1.083)	621514	9.58003	9.6
51 Methyl methacrylate	69	13.497	13.513	(1.101)	462017	9.51748	9.5
52 Dibromomethane	174	13.529	13.550	(1.104)	1176443	10.7325	11
53 1,4-Dioxane	88	13.518	13.540	(1.103)	270242	10.2816	10
54 Bromodichloromethane	83	13.850	13.871	(1.130)	1715646	10.8326	11
55 1,3-Dichloropropene (cis)	75	14.834	14.850	(1.210)	966842	9.90281	9.9
56 Methyl isobutyl ketone	43	15.123	15.145	(1.234)	829373	10.1222	10
57 n-Octane	43	15.626	15.648	(1.275)	972677	9.55622	9.6
58 Toluene	92	15.466	15.487	(0.841)	1530886	9.22876	9.2
59 1,3-Dichloropropene (trans)	75	16.038	16.059	(1.309)	875878	10.2693	10
60 1,1,2-Trichloroethane	83	16.407	16.423	(0.892)	680913	8.96376	9.0
61 Tetrachloroethene	166	16.600	16.621	(0.903)	1734032	9.63723	9.6

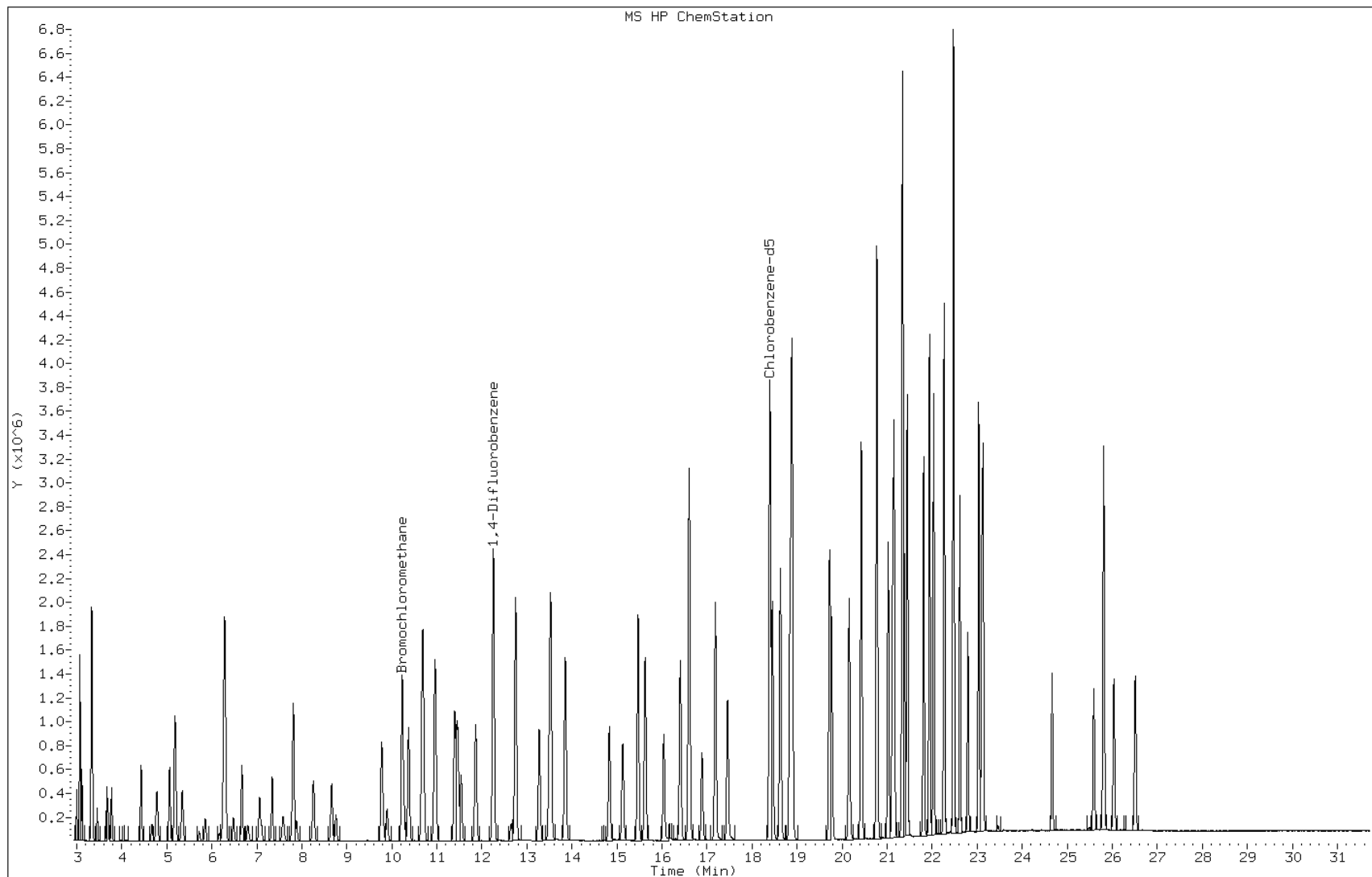
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	16.889	16.899	(0.918)	717333	10.0093	10
63 Dibromochloromethane	129	17.188	17.204	(0.935)	1941025	10.4874	10
64 1,2-Dibromoethane	107	17.456	17.472	(0.949)	1396482	9.62806	9.6
* 65 Chlorobenzene-d5	117	18.392	18.413	(1.000)	4455635	10.0000	
66 Chlorobenzene	112	18.456	18.472	(1.003)	2171310	9.28131	9.3
67 n-Nonane	57	18.841	18.852	(1.024)	959398	9.32332	9.3
68 Ethylbenzene	91	18.627	18.649	(1.013)	2963573	9.51977	9.5
69 Xylene (m,p)	106	18.884	18.900	(1.027)	2513265	19.0401	19
M 70 Xylenes, Total	106				3862325	28.4531	28
71 Xylene (o)	106	19.719	19.735	(1.072)	1349060	9.41299	9.4
72 Styrene	104	19.767	19.777	(1.075)	1659821	9.71752	9.7
73 Bromoform	173	20.157	20.173	(1.096)	1551048	10.6205	11
74 Isopropylbenzene	105	20.425	20.441	(1.111)	3749538	9.78882	9.8
75 1,1,2,2-Tetrachloroethane	83	21.024	21.040	(1.143)	1696508	9.41123	9.4
76 n-Propylbenzene	91	21.152	21.163	(1.150)	3782492	10.2967	10
77 1,2,3-Trichloropropane	75	21.115	21.131	(1.148)	1188763	9.84071	9.8
78 n-Decane	57	21.383	21.393	(1.163)	1061847	9.56488	9.6
79 4-Ethyltoluene	105	21.340	21.356	(1.160)	3347557	10.8065	11
80 2-Chlorotoluene	91	21.334	21.350	(1.160)	2720592	10.3026	10
81 1,3,5-Trimethylbenzene	105	21.452	21.463	(1.166)	2967377	9.98037	10
82 Alpha Methyl Styrene	118	21.810	21.821	(1.186)	1428704	10.7117	11
83 tert-butylbenzene	119	21.939	21.949	(1.193)	3169508	10.0120	10
84 1,2,4-Trimethylbenzene	105	22.035	22.046	(1.198)	2782406	10.1260	10
85 sec-Butylbenzene	105	22.271	22.281	(1.211)	4315347	10.2196	10
86 4-Isopropyltoluene	119	22.468	22.479	(1.222)	3579737	10.8495	11
87 1,3-Dichlorobenzene	146	22.485	22.495	(1.223)	1697568	10.4304	10
88 1,4-Dichlorobenzene	146	22.613	22.624	(1.229)	1613140	10.2092	10
89 Benzyl chloride	91	22.789	22.800	(1.239)	1489726	11.6559	12
90 Undecane	57	23.100	23.110	(1.256)	935356	9.68438	9.7
91 n-Butylbenzene	91	23.036	23.046	(1.252)	2489779	11.0533	11
92 1,2-Dichlorobenzene	146	23.132	23.142	(1.258)	1807664	10.0690	10
93 Dodecane	57	24.667	24.672	(1.341)	601007	10.0544	10
94 1,2,4-Trichlorobenzene	180	25.593	25.598	(1.391)	628935	11.0485	11
95 1,3-Hexachlorobutadiene	225	25.812	25.823	(1.403)	980748	10.1627	10
96 Naphthalene	128	26.037	26.053	(1.416)	1821145	12.3626	12
97 1,2,3-Trichlorobenzene	180	26.508	26.523	(1.441)	754443	12.7422	13

QC Flag Legend

M - Compound response manually integrated.

Data File: ggzp003.d
Client ID:
Operator: MTP
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 459605
Lab Sample ID: lcs 459605

Date: 13-FEB-2013 10:23
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 480-32226-1

SDG No.: _____

Instrument ID: B.iStart Date: 10/31/2012 16:15Analysis Batch Number: 47421End Date: 11/01/2012 16:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-47421/1		10/31/2012 16:15	1	bku001.d	RTX-624 0.32 (mm)
VIBLK 200-47421/2		10/31/2012 17:09	1		RTX-624 0.32 (mm)
IC 200-47421/3		10/31/2012 18:01	1	bku003.d	RTX-624 0.32 (mm)
IC 200-47421/4		10/31/2012 18:53	1	bku004.d	RTX-624 0.32 (mm)
IC 200-47421/5		10/31/2012 19:46	1	bku005.d	RTX-624 0.32 (mm)
IC 200-47421/6		10/31/2012 20:38	1	bku006.d	RTX-624 0.32 (mm)
ICIS 200-47421/7		10/31/2012 21:31	1	bku007.d	RTX-624 0.32 (mm)
IC 200-47421/8		10/31/2012 22:23	1	bku008.d	RTX-624 0.32 (mm)
IC 200-47421/9		10/31/2012 23:15	1	bku009.d	RTX-624 0.32 (mm)
IC 200-47421/10		11/01/2012 00:08	1	bku010.d	RTX-624 0.32 (mm)
VIBLK 200-47421/11		11/01/2012 01:00	1		RTX-624 0.32 (mm)
VIBLK 200-47421/12		11/01/2012 01:53	1		RTX-624 0.32 (mm)
ICV 200-47421/13		11/01/2012 02:45	1	bku013.d	RTX-624 0.32 (mm)
VIBLK 200-47421/14		11/01/2012 03:38	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 04:30	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 05:22	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 08:41	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 09:40	0.2		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 10:33	2.99		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 11:25	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 12:17	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 13:10	1.5		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 14:02	1.5		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 15:01	0.2		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 16:01	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 480-32226-1

SDG No.: _____

Instrument ID: B.iStart Date: 02/11/2013 10:09Analysis Batch Number: 51767End Date: 02/12/2013 07:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51767/1		02/11/2013 10:09	1	bkuau01.d	RTX-624 0.32 (mm)
CCVIS 200-51767/2		02/11/2013 10:58	1		RTX-624 0.32 (mm)
CCVIS 200-51767/3		02/11/2013 11:49	1	bkuau03.d	RTX-624 0.32 (mm)
LCS 200-51767/4		02/11/2013 12:39	1	bkuau04.d	RTX-624 0.32 (mm)
MB 200-51767/5		02/11/2013 13:31	1	bkuau05.d	RTX-624 0.32 (mm)
ZZZZZ		02/11/2013 14:23	2		RTX-624 0.32 (mm)
ZZZZZ		02/11/2013 15:15	9.85		RTX-624 0.32 (mm)
ZZZZZ		02/11/2013 16:08	1.69		RTX-624 0.32 (mm)
ZZZZZ		02/11/2013 17:00	1		RTX-624 0.32 (mm)
ZZZZZ		02/11/2013 17:52	2.4		RTX-624 0.32 (mm)
ZZZZZ		02/11/2013 18:45	2		RTX-624 0.32 (mm)
ZZZZZ		02/11/2013 19:38	99.8		RTX-624 0.32 (mm)
ZZZZZ		02/11/2013 20:30	98.9		RTX-624 0.32 (mm)
ZZZZZ		02/11/2013 21:22	50		RTX-624 0.32 (mm)
ZZZZZ		02/11/2013 22:15	49.7		RTX-624 0.32 (mm)
ZZZZZ		02/11/2013 23:08	1		RTX-624 0.32 (mm)
480-32226-1	LRP Effluent-1Q13	02/12/2013 00:01	127	bkuau17.d	RTX-624 0.32 (mm)
480-32226-2	AS Effluent-1Q13	02/12/2013 00:54	1	bkuau18.d	RTX-624 0.32 (mm)
ZZZZZ		02/12/2013 01:47	1		RTX-624 0.32 (mm)
ZZZZZ		02/12/2013 02:39	1		RTX-624 0.32 (mm)
ZZZZZ		02/12/2013 03:32	1		RTX-624 0.32 (mm)
ZZZZZ		02/12/2013 04:24	1		RTX-624 0.32 (mm)
ZZZZZ		02/12/2013 05:16	1		RTX-624 0.32 (mm)
ZZZZZ		02/12/2013 06:09	1		RTX-624 0.32 (mm)
ZZZZZ		02/12/2013 07:01	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 480-32226-1

SDG No.: _____

Instrument ID: G.iStart Date: 01/25/2013 08:52Analysis Batch Number: 51182End Date: 01/26/2013 08:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51182/1		01/25/2013 08:52	1	ggz001.d	RTX-624 0.32 (mm)
VIBLK 200-51182/2		01/25/2013 09:50	1		RTX-624 0.32 (mm)
IC 200-51182/3		01/25/2013 10:40	1	ggz003.d	RTX-624 0.32 (mm)
IC 200-51182/4		01/25/2013 11:31	1	ggz004.d	RTX-624 0.32 (mm)
IC 200-51182/5		01/25/2013 12:21	1	ggz005.d	RTX-624 0.32 (mm)
IC 200-51182/6		01/25/2013 13:11	1	ggz006.d	RTX-624 0.32 (mm)
ICIS 200-51182/7		01/25/2013 14:01	1	ggz007.d	RTX-624 0.32 (mm)
IC 200-51182/8		01/25/2013 14:51	1	ggz008.d	RTX-624 0.32 (mm)
IC 200-51182/9		01/25/2013 15:42	1	ggz009.d	RTX-624 0.32 (mm)
IC 200-51182/10		01/25/2013 16:32	1	ggz010.d	RTX-624 0.32 (mm)
VIBLK 200-51182/11		01/25/2013 17:23	1		RTX-624 0.32 (mm)
ICV 200-51182/12		01/25/2013 18:13	1	ggz012.d	RTX-624 0.32 (mm)
VIBLK 200-51182/13		01/25/2013 19:04	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2013 19:55	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2013 20:46	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2013 22:15	13.3		RTX-624 0.32 (mm)
ZZZZZ		01/25/2013 23:05	14.3		RTX-624 0.32 (mm)
ZZZZZ		01/25/2013 23:56	1		RTX-624 0.32 (mm)
ZZZZZ		01/26/2013 00:46	1		RTX-624 0.32 (mm)
ZZZZZ		01/26/2013 01:36	1		RTX-624 0.32 (mm)
ZZZZZ		01/26/2013 02:26	1		RTX-624 0.32 (mm)
ZZZZZ		01/26/2013 03:17	1		RTX-624 0.32 (mm)
ZZZZZ		01/26/2013 04:08	1		RTX-624 0.32 (mm)
ZZZZZ		01/26/2013 04:58	10		RTX-624 0.32 (mm)
ZZZZZ		01/26/2013 05:48	2		RTX-624 0.32 (mm)
ZZZZZ		01/26/2013 06:38	2		RTX-624 0.32 (mm)
ZZZZZ		01/26/2013 07:29	1		RTX-624 0.32 (mm)
ZZZZZ		01/26/2013 08:19	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 480-32226-1

SDG No.: _____

Instrument ID: G.i Start Date: 02/13/2013 08:42Analysis Batch Number: 51845 End Date: 02/13/2013 13:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51845/1		02/13/2013 08:42	1	ggzp001.d	RTX-624 0.32 (mm)
CCVIS 200-51845/2		02/13/2013 09:32	1	ggzp002.d	RTX-624 0.32 (mm)
LCS 200-51845/3		02/13/2013 10:23	1	ggzp003.d	RTX-624 0.32 (mm)
MB 200-51845/4		02/13/2013 11:14	1	ggzp004.d	RTX-624 0.32 (mm)
ZZZZZ		02/13/2013 12:09	0.2		RTX-624 0.32 (mm)
480-32226-1	LRP Effluent-1Q13	02/13/2013 12:59	307.6	ggzp006.d	RTX-624 0.32 (mm)
480-32226-2	AS Effluent-1Q13	02/13/2013 13:50	2	ggzp007.d	RTX-624 0.32 (mm)

Subcontract Data

Shipping and Receiving Documents

Suite 11

South Burlington, VT 05403

phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

[illegible]

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-32226-1

Login Number: 32226
List Number: 1
Creator: Marion, Greg T

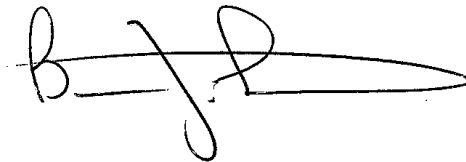
List Source: TestAmerica Burlington
List Creation: 01/30/13 03:51 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	719424,425,423
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 480-31886-1
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.
Brian Fischer
Project Manager II
1/31/2013 9:02 AM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com
01/31/2013

cc: Ms. Helen Jones

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

Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Sample Summary	5
Executive Summary	6
Method Summary	8
Method / Analyst Summary	9
Sample Datasheets	10
Surrogate Summary	34
QC Data Summary	35
Data Qualifiers	41
QC Association Summary	42
Lab Chronicle	43
Certification Summary	46
Organic Sample Data	47
GC/MS VOA	47
Method 8260B	47
Method 8260B QC Summary	48
Method 8260B Sample Data	63
Standards Data	170
Method 8260B ICAL Data	170
Method 8260B CCAL Data	204
Raw QC Data	222
Method 8260B Tune Data	222
Method 8260B Blank Data	234
Method 8260B LCS/LCSD Data	254

Table of Contents

Method 8260B Run Logs	263
Shipping and Receiving Documents	267
Client Chain of Custody	268
Sample Receipt Checklist	269

Job Narrative
480-31886-1

Receipt

The samples were received on 1/22/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

GC/MS VOA

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: Duplicate (480-31886-1), MW-16S (480-31886-5), MW-4 (480-31886-8). Elevated reporting limits (RLs) are provided.

Method 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-16S (480-31886-5). Elevated reporting limits (RLs) are provided.

Method 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-4 (480-31886-8). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

SAMPLE SUMMARY

Client: AECOM, Inc.

Job Number: 480-31886-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-31886-1FD	Duplicate	Water	01/21/2013 0800	01/22/2013 0900
480-31886-2	MW-10	Ground Water	01/21/2013 1345	01/22/2013 0900
480-31886-3	MW-11	Ground Water	01/21/2013 1035	01/22/2013 0900
480-31886-4	MW-12	Ground Water	01/21/2013 1205	01/22/2013 0900
480-31886-5	MW-16S	Ground Water	01/21/2013 1540	01/22/2013 0900
480-31886-6	MW-2	Ground Water	01/21/2013 0950	01/22/2013 0900
480-31886-7	MW-3	Ground Water	01/21/2013 1120	01/22/2013 0900
480-31886-8	MW-4	Ground Water	01/21/2013 1445	01/22/2013 0900
480-31886-9	MW-6	Ground Water	01/21/2013 1250	01/22/2013 0900
480-31886-10RB	Rinse Blank	Water	01/21/2013 1100	01/22/2013 0900

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-31886-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-31886-1FD	DUPLICATE					
1,1-Dichloroethane		1400	J	2000	ug/L	8260B
1,1-Dichloroethene		740	J	2000	ug/L	8260B
cis-1,2-Dichloroethene		93000		2000	ug/L	8260B
Trichloroethene		40000		2000	ug/L	8260B
Vinyl chloride		4800		2000	ug/L	8260B
480-31886-3	MW-11					
1,1-Dichloroethane		5.6		1.0	ug/L	8260B
1,1-Dichloroethene		0.64	J	1.0	ug/L	8260B
Carbon disulfide		0.22	J	1.0	ug/L	8260B
Chloroethane		8.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		23		1.0	ug/L	8260B
Vinyl chloride		6.0		1.0	ug/L	8260B
480-31886-4	MW-12					
1,2-Dichloroethane		0.31	J	1.0	ug/L	8260B
Benzene		1.1		1.0	ug/L	8260B
Chloroethane		38		1.0	ug/L	8260B
480-31886-5	MW-16S					
1,1,1-Trichloroethane		7200		800	ug/L	8260B
1,1-Dichloroethane		2200		800	ug/L	8260B
1,1-Dichloroethene		2400		800	ug/L	8260B
Chloroethane		2900		800	ug/L	8260B
cis-1,2-Dichloroethene		79000		10000	ug/L	8260B
Tetrachloroethene		560	J	800	ug/L	8260B
Toluene		1100		800	ug/L	8260B
trans-1,2-Dichloroethene		820		800	ug/L	8260B
Trichloroethene		240000		10000	ug/L	8260B
Vinyl chloride		9300		800	ug/L	8260B
480-31886-6	MW-2					
Chloroethane		10		1.0	ug/L	8260B
Trichloroethene		0.89	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-31886-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-31886-7	MW-3					
1,1-Dichloroethane		12		1.0	ug/L	8260B
Chloroethane		7.6		1.0	ug/L	8260B
cis-1,2-Dichloroethene		3.3		1.0	ug/L	8260B
Trichloroethene		0.98	J	1.0	ug/L	8260B
Vinyl chloride		6.7		1.0	ug/L	8260B
480-31886-8	MW-4					
1,1,1-Trichloroethane		98		40	ug/L	8260B
1,1-Dichloroethane		1600		40	ug/L	8260B
1,1-Dichloroethene		790		40	ug/L	8260B
Chloroethane		100		40	ug/L	8260B
cis-1,2-Dichloroethene		95000		2000	ug/L	8260B
Toluene		42		40	ug/L	8260B
trans-1,2-Dichloroethene		650		40	ug/L	8260B
Trichloroethene		40000		2000	ug/L	8260B
Vinyl chloride		5100		2000	ug/L	8260B

METHOD SUMMARY

Client: AECOM, Inc.

Job Number: 480-31886-1

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: 480-31886-1

Method	Analyst	Analyst ID
SW846 8260B	Byrnes, Jennifer M	JMB
SW846 8260B	Cwiklinski, Charles D	CDC

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: Duplicate

Lab Sample ID: 480-31886-1FD

Client Matrix: Water

Date Sampled: 01/21/2013 0800

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5724.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 1738			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 1738				

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-Trichloro-1,2,2-trifluoroethane	ND		620	2000
1,1,2-Trichloroethane	ND		460	2000
1,1-Dichloroethane	1400	J	760	2000
1,1-Dichloroethene	740	J	580	2000
1,2,4-Trichlorobenzene	ND		820	2000
1,2-Dibromo-3-Chloropropane	ND		780	2000
1,2-Dibromoethane	ND		1500	2000
1,2-Dichlorobenzene	ND		1600	2000
1,2-Dichloroethane	ND		420	2000
1,2-Dichloropropane	ND		1400	2000
1,3-Dichlorobenzene	ND		1600	2000
1,4-Dichlorobenzene	ND		1700	2000
2-Butanone (MEK)	ND		2600	20000
2-Hexanone	ND		2500	10000
4-Methyl-2-pentanone (MIBK)	ND		4200	10000
Acetone	ND		6000	20000
Benzene	ND		820	2000
Bromodichloromethane	ND		780	2000
Bromoform	ND		520	2000
Bromomethane	ND		1400	2000
Carbon disulfide	ND		380	2000
Carbon tetrachloride	ND		540	2000
Chlorobenzene	ND		1500	2000
Chloroethane	ND		640	2000
Chloroform	ND		680	2000
Chloromethane	ND		700	2000
cis-1,2-Dichloroethene	93000		1600	2000
cis-1,3-Dichloropropene	ND		720	2000
Cyclohexane	ND		360	2000
Dibromochloromethane	ND		640	2000
Dichlorodifluoromethane	ND		1400	2000
Ethylbenzene	ND		1500	2000
Isopropylbenzene	ND		1600	2000
Methyl acetate	ND		1000	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	40000		920	2000
Trichlorofluoromethane	ND		1800	2000

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: Duplicate

Lab Sample ID: 480-31886-1FD

Client Matrix: Water

Date Sampled: 01/21/2013 0800

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5724.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 1738			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 1738				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	4800		1800	2000
Xylenes, Total	ND		1300	4000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	71		66 - 137
4-Bromofluorobenzene (Surr)	86		73 - 120
Toluene-d8 (Surr)	87		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-10

Lab Sample ID: 480-31886-2

Date Sampled: 01/21/2013 1345

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5725.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 1806			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 1806				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	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: 480-31886-1

Client Sample ID: MW-10

Lab Sample ID: 480-31886-2

Date Sampled: 01/21/2013 1345

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5725.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 1806			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 1806				

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)	70		66 - 137
4-Bromofluorobenzene (Surr)	86		73 - 120
Toluene-d8 (Surr)	89		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-11

Lab Sample ID: 480-31886-3

Date Sampled: 01/21/2013 1035

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5726.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 1833			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 1833				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	5.6		0.38	1.0
1,1-Dichloroethene	0.64	J	0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	0.22	J	0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	8.2		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	23		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	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: 480-31886-1

Client Sample ID: MW-11

Lab Sample ID: 480-31886-3

Date Sampled: 01/21/2013 1035

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5726.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 1833			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 1833				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	6.0		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	72		66 - 137
4-Bromofluorobenzene (Surr)	86		73 - 120
Toluene-d8 (Surr)	88		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-12

Lab Sample ID: 480-31886-4

Date Sampled: 01/21/2013 1205

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5727.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 1901			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 1901				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	0.31	J	0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	1.1		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	38		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	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: 480-31886-1

Client Sample ID: MW-12

Lab Sample ID: 480-31886-4

Date Sampled: 01/21/2013 1205

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5727.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 1901			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 1901				

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)	70		66 - 137
4-Bromofluorobenzene (Surr)	85		73 - 120
Toluene-d8 (Surr)	88		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-16S

Lab Sample ID: 480-31886-5

Client Matrix: Ground Water

Date Sampled: 01/21/2013 1540

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5728.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 1928			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 1928				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	7200		660	800
1,1,2,2-Tetrachloroethane	ND		170	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	800
1,1,2-Trichloroethane	ND		180	800
1,1-Dichloroethane	2200		300	800
1,1-Dichloroethene	2400		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-Butanone (MEK)	ND		1100	8000
2-Hexanone	ND		990	4000
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
Chloroethane	2900		260	800
Chloroform	ND		270	800
Chloromethane	ND		280	800
cis-1,2-Dichloroethene	130000	E	650	800
cis-1,3-Dichloropropene	ND		290	800
Cyclohexane	ND		140	800
Dibromochloromethane	ND		260	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	560	J	290	800
Toluene	1100		410	800
trans-1,2-Dichloroethene	820		720	800
trans-1,3-Dichloropropene	ND		300	800
Trichloroethene	620000	E	370	800
Trichlorofluoromethane	ND		700	800

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-16S

Lab Sample ID: 480-31886-5

Date Sampled: 01/21/2013 1540

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5728.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 1928			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 1928				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	9300		720	800
Xylenes, Total	ND		530	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	71		66 - 137
4-Bromofluorobenzene (Surr)	85		73 - 120
Toluene-d8 (Surr)	89		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-16S

Lab Sample ID: 480-31886-5

Date Sampled: 01/21/2013 1540

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100819	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5753.D
Dilution:	10000			Initial Weight/Volume:	5 mL
Analysis Date:	01/24/2013 0644	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	01/24/2013 0644				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		8200	10000
1,1,2,2-Tetrachloroethane	ND		2100	10000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3100	10000
1,1,2-Trichloroethane	ND		2300	10000
1,1-Dichloroethane	ND		3800	10000
1,1-Dichloroethene	ND		2900	10000
1,2,4-Trichlorobenzene	ND		4100	10000
1,2-Dibromo-3-Chloropropane	ND		3900	10000
1,2-Dibromoethane	ND		7300	10000
1,2-Dichlorobenzene	ND		7900	10000
1,2-Dichloroethane	ND		2100	10000
1,2-Dichloropropane	ND		7200	10000
1,3-Dichlorobenzene	ND		7800	10000
1,4-Dichlorobenzene	ND		8400	10000
2-Butanone (MEK)	ND		13000	100000
2-Hexanone	ND		12000	50000
4-Methyl-2-pentanone (MIBK)	ND		21000	50000
Acetone	ND		30000	100000
Benzene	ND		4100	10000
Bromodichloromethane	ND		3900	10000
Bromoform	ND		2600	10000
Bromomethane	ND		6900	10000
Carbon disulfide	ND		1900	10000
Carbon tetrachloride	ND		2700	10000
Chlorobenzene	ND		7500	10000
Chloroethane	ND		3200	10000
Chloroform	ND		3400	10000
Chloromethane	ND		3500	10000
cis-1,2-Dichloroethene	79000		8100	10000
cis-1,3-Dichloropropene	ND		3600	10000
Cyclohexane	ND		1800	10000
Dibromochloromethane	ND		3200	10000
Dichlorodifluoromethane	ND		6800	10000
Ethylbenzene	ND		7400	10000
Isopropylbenzene	ND		7900	10000
Methyl acetate	ND		5000	10000
Methyl tert-butyl ether	ND		1600	10000
Methylcyclohexane	ND		1600	10000
Methylene Chloride	ND		4400	10000
Styrene	ND		7300	10000
Tetrachloroethene	ND		3600	10000
Toluene	ND		5100	10000
trans-1,2-Dichloroethene	ND		9000	10000
trans-1,3-Dichloropropene	ND		3700	10000
Trichloroethene	240000		4600	10000
Trichlorofluoromethane	ND		8800	10000

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-16S

Lab Sample ID: 480-31886-5

Date Sampled: 01/21/2013 1540

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100819	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5753.D
Dilution:	10000			Initial Weight/Volume:	5 mL
Analysis Date:	01/24/2013 0644	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	01/24/2013 0644				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		9000	10000
Xylenes, Total	ND		6600	20000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		66 - 137
4-Bromofluorobenzene (Surr)	86		73 - 120
Toluene-d8 (Surr)	87		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-2

Lab Sample ID: 480-31886-6

Date Sampled: 01/21/2013 0950

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100819	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5754.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/24/2013 0711			Final Weight/Volume:	5 mL
Prep Date:	01/24/2013 0711				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	10		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	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	0.89	J	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-2

Lab Sample ID: 480-31886-6

Date Sampled: 01/21/2013 0950

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100819	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5754.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/24/2013 0711			Final Weight/Volume:	5 mL
Prep Date:	01/24/2013 0711				

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)	79		66 - 137
4-Bromofluorobenzene (Surr)	86		73 - 120
Toluene-d8 (Surr)	86		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-3

Lab Sample ID: 480-31886-7

Client Matrix: Ground Water

Date Sampled: 01/21/2013 1120

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5730.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 2023			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 2023				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	12		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	7.6		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	3.3		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	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	0.98	J	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-3

Lab Sample ID: 480-31886-7

Date Sampled: 01/21/2013 1120

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5730.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 2023			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 2023				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	6.7		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	71		66 - 137
4-Bromofluorobenzene (Surr)	84		73 - 120
Toluene-d8 (Surr)	88		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-4

Lab Sample ID: 480-31886-8

Client Matrix: Ground Water

Date Sampled: 01/21/2013 1445

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5731.D
Dilution:	40			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 2050			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 2050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	98		33	40
1,1,2,2-Tetrachloroethane	ND		8.4	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12	40
1,1,2-Trichloroethane	ND		9.2	40
1,1-Dichloroethane	1600		15	40
1,1-Dichloroethene	790		12	40
1,2,4-Trichlorobenzene	ND		16	40
1,2-Dibromo-3-Chloropropane	ND		16	40
1,2-Dibromoethane	ND		29	40
1,2-Dichlorobenzene	ND		32	40
1,2-Dichloroethane	ND		8.4	40
1,2-Dichloropropane	ND		29	40
1,3-Dichlorobenzene	ND		31	40
1,4-Dichlorobenzene	ND		34	40
2-Butanone (MEK)	ND		53	400
2-Hexanone	ND		50	200
4-Methyl-2-pentanone (MIBK)	ND		84	200
Acetone	ND		120	400
Benzene	ND		16	40
Bromodichloromethane	ND		16	40
Bromoform	ND		10	40
Bromomethane	ND		28	40
Carbon disulfide	ND		7.6	40
Carbon tetrachloride	ND		11	40
Chlorobenzene	ND		30	40
Chloroethane	100		13	40
Chloroform	ND		14	40
Chloromethane	ND		14	40
cis-1,2-Dichloroethene	65000	E	32	40
cis-1,3-Dichloropropene	ND		14	40
Cyclohexane	ND		7.2	40
Dibromochloromethane	ND		13	40
Dichlorodifluoromethane	ND		27	40
Ethylbenzene	ND		30	40
Isopropylbenzene	ND		32	40
Methyl acetate	ND		20	40
Methyl tert-butyl ether	ND		6.4	40
Methylcyclohexane	ND		6.4	40
Methylene Chloride	ND		18	40
Styrene	ND		29	40
Tetrachloroethene	ND		14	40
Toluene	42		20	40
trans-1,2-Dichloroethene	650		36	40
trans-1,3-Dichloropropene	ND		15	40
Trichloroethene	32000	E	18	40
Trichlorofluoromethane	ND		35	40

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-4

Lab Sample ID: 480-31886-8

Date Sampled: 01/21/2013 1445

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100709	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5731.D
Dilution:	40			Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2013 2050			Final Weight/Volume:	5 mL
Prep Date:	01/23/2013 2050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	5100	E	36	40
Xylenes, Total	ND		26	80

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	68		66 - 137
4-Bromofluorobenzene (Surr)	85		73 - 120
Toluene-d8 (Surr)	88		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-4

Lab Sample ID: 480-31886-8

Date Sampled: 01/21/2013 1445

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100891	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5767.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	01/24/2013 1325	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	01/24/2013 1325				

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-Trichloro-1,2,2-trifluoroethane	ND		620	2000
1,1,2-Trichloroethane	ND		460	2000
1,1-Dichloroethane	1400	J	760	2000
1,1-Dichloroethene	730	J	580	2000
1,2,4-Trichlorobenzene	ND		820	2000
1,2-Dibromo-3-Chloropropane	ND		780	2000
1,2-Dibromoethane	ND		1500	2000
1,2-Dichlorobenzene	ND		1600	2000
1,2-Dichloroethane	ND		420	2000
1,2-Dichloropropane	ND		1400	2000
1,3-Dichlorobenzene	ND		1600	2000
1,4-Dichlorobenzene	ND		1700	2000
2-Butanone (MEK)	ND		2600	20000
2-Hexanone	ND		2500	10000
4-Methyl-2-pentanone (MIBK)	ND		4200	10000
Acetone	ND		6000	20000
Benzene	ND		820	2000
Bromodichloromethane	ND		780	2000
Bromoform	ND		520	2000
Bromomethane	ND		1400	2000
Carbon disulfide	ND		380	2000
Carbon tetrachloride	ND		540	2000
Chlorobenzene	ND		1500	2000
Chloroethane	ND		640	2000
Chloroform	ND		680	2000
Chloromethane	ND		700	2000
cis-1,2-Dichloroethene	95000		1600	2000
cis-1,3-Dichloropropene	ND		720	2000
Cyclohexane	ND		360	2000
Dibromochloromethane	ND		640	2000
Dichlorodifluoromethane	ND		1400	2000
Ethylbenzene	ND		1500	2000
Isopropylbenzene	ND		1600	2000
Methyl acetate	ND		1000	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	40000		920	2000
Trichlorofluoromethane	ND		1800	2000

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-4

Lab Sample ID: 480-31886-8

Date Sampled: 01/21/2013 1445

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100891	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5767.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	01/24/2013 1325	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	01/24/2013 1325				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	5100		1800	2000
Xylenes, Total	ND		1300	4000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		66 - 137
4-Bromofluorobenzene (Surr)	87		73 - 120
Toluene-d8 (Surr)	86		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: MW-6

Lab Sample ID: 480-31886-9

Date Sampled: 01/21/2013 1250

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100819	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5756.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/24/2013 0806			Final Weight/Volume:	5 mL
Prep Date:	01/24/2013 0806				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	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: 480-31886-1

Client Sample ID: MW-6

Lab Sample ID: 480-31886-9

Date Sampled: 01/21/2013 1250

Client Matrix: Ground Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100819	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5756.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/24/2013 0806			Final Weight/Volume:	5 mL
Prep Date:	01/24/2013 0806				

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)	80		66 - 137
4-Bromofluorobenzene (Surr)	87		73 - 120
Toluene-d8 (Surr)	87		71 - 126

Analytical Data

Client: AECOM, Inc.

Job Number: 480-31886-1

Client Sample ID: Rinse Blank

Lab Sample ID: 480-31886-10RB

Date Sampled: 01/21/2013 1100

Client Matrix: Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100819	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5757.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/24/2013 0833			Final Weight/Volume:	5 mL
Prep Date:	01/24/2013 0833				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	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: 480-31886-1

Client Sample ID: Rinse Blank

Lab Sample ID: 480-31886-10RB

Date Sampled: 01/21/2013 1100

Client Matrix: Water

Date Received: 01/22/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-100819	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5757.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/24/2013 0833			Final Weight/Volume:	5 mL
Prep Date:	01/24/2013 0833				

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)	80		66 - 137
4-Bromofluorobenzene (Surr)	87		73 - 120
Toluene-d8 (Surr)	87		71 - 126

Client: AECOM, Inc.

Job Number: 480-31886-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
480-31886-1	Duplicate	71	87	86
480-31886-2	MW-10	70	89	86
480-31886-3	MW-11	72	88	86
480-31886-4	MW-12	70	88	85
480-31886-5	MW-16S	71	89	85
480-31886-5 DL	MW-16S DL	80	87	86
480-31886-6	MW-2	79	86	86
480-31886-7	MW-3	71	88	84
480-31886-8	MW-4	68	88	85
480-31886-8 DL	MW-4 DL	79	86	87
480-31886-9	MW-6	80	87	87
480-31886-10	Rinse Blank	80	87	87
MB 480-100709/5		74	86	91
MB 480-100819/4		82	89	88
MB 480-100891/4		80	85	87
LCS 480-100709/4		78	87	94
LCS 480-100819/3		83	90	89
LCS 480-100891/3		79	88	88

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: 480-31886-1

Method Blank - Batch: 480-100709

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 480-100709/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/23/2013 1229
Prep Date: 01/23/2013 1229
Leach Date: N/A

Analysis Batch: 480-100709
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: HP5973Q
Lab File ID: Q5713.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-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	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: 480-31886-1

Method Blank - Batch: 480-100709

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 480-100709/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/23/2013 1229
Prep Date: 01/23/2013 1229
Leach Date: N/A

Analysis Batch: 480-100709
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: HP5973Q
Lab File ID: Q5713.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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)	74	66 - 137
4-Bromofluorobenzene (Surr)	91	73 - 120
Toluene-d8 (Surr)	86	71 - 126

Lab Control Sample - Batch: 480-100709

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 480-100709/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/23/2013 1129
Prep Date: 01/23/2013 1129
Leach Date: N/A

Analysis Batch: 480-100709
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: HP5973Q
Lab File ID: Q5712.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	25.2	101	71 - 129	
1,1-Dichloroethene	25.0	23.6	94	58 - 121	
1,2-Dichlorobenzene	25.0	24.7	99	80 - 124	
1,2-Dichloroethane	25.0	23.5	94	75 - 127	
Benzene	25.0	25.5	102	71 - 124	
Chlorobenzene	25.0	25.3	101	72 - 120	
cis-1,2-Dichloroethene	25.0	26.3	105	74 - 124	
Ethylbenzene	25.0	24.4	98	77 - 123	
Methyl tert-butyl ether	25.0	20.4	82	64 - 127	
Tetrachloroethene	25.0	24.7	99	74 - 122	
Toluene	25.0	23.4	93	80 - 122	
trans-1,2-Dichloroethene	25.0	27.3	109	73 - 127	
Trichloroethene	25.0	25.9	104	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78	66 - 137
4-Bromofluorobenzene (Surr)	94	73 - 120
Toluene-d8 (Surr)	87	71 - 126

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-31886-1

Method Blank - Batch: 480-100819

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 480-100819/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/24/2013 0109
Prep Date: 01/24/2013 0109
Leach Date: N/A

Analysis Batch: 480-100819
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: HP5973Q
Lab File ID: Q5741.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-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	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: 480-31886-1

Method Blank - Batch: 480-100819

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 480-100819/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/24/2013 0109
Prep Date: 01/24/2013 0109
Leach Date: N/A

Analysis Batch: 480-100819
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: HP5973Q
Lab File ID: Q5741.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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)	82	66 - 137
4-Bromofluorobenzene (Surr)	88	73 - 120
Toluene-d8 (Surr)	89	71 - 126

Lab Control Sample - Batch: 480-100819

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 480-100819/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/24/2013 0041
Prep Date: 01/24/2013 0041
Leach Date: N/A

Analysis Batch: 480-100819
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: HP5973Q
Lab File ID: Q5740.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	24.8	99	71 - 129	
1,1-Dichloroethene	25.0	22.7	91	58 - 121	
1,2-Dichlorobenzene	25.0	26.2	105	80 - 124	
1,2-Dichloroethane	25.0	25.9	104	75 - 127	
Benzene	25.0	25.5	102	71 - 124	
Chlorobenzene	25.0	26.1	104	72 - 120	
cis-1,2-Dichloroethene	25.0	25.7	103	74 - 124	
Ethylbenzene	25.0	25.3	101	77 - 123	
Methyl tert-butyl ether	25.0	24.9	100	64 - 127	
Tetrachloroethene	25.0	24.6	98	74 - 122	
Toluene	25.0	24.9	100	80 - 122	
trans-1,2-Dichloroethene	25.0	25.9	103	73 - 127	
Trichloroethene	25.0	26.3	105	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	66 - 137
4-Bromofluorobenzene (Surr)	89	73 - 120
Toluene-d8 (Surr)	90	71 - 126

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-31886-1

Method Blank - Batch: 480-100891

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 480-100891/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/24/2013 1230
 Prep Date: 01/24/2013 1230
 Leach Date: N/A

Analysis Batch: 480-100891
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: HP5973Q
 Lab File ID: Q5765.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-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	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: 480-31886-1

Method Blank - Batch: 480-100891

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 480-100891/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/24/2013 1230
Prep Date: 01/24/2013 1230
Leach Date: N/A

Analysis Batch: 480-100891
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: HP5973Q
Lab File ID: Q5765.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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)	80	66 - 137
4-Bromofluorobenzene (Surr)	87	73 - 120
Toluene-d8 (Surr)	85	71 - 126

Lab Control Sample - Batch: 480-100891

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 480-100891/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/24/2013 1203
Prep Date: 01/24/2013 1203
Leach Date: N/A

Analysis Batch: 480-100891
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: HP5973Q
Lab File ID: Q5764.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	24.7	99	71 - 129	
1,1-Dichloroethene	25.0	21.3	85	58 - 121	
1,2-Dichlorobenzene	25.0	24.9	100	80 - 124	
1,2-Dichloroethane	25.0	24.8	99	75 - 127	
Benzene	25.0	24.7	99	71 - 124	
Chlorobenzene	25.0	24.7	99	72 - 120	
cis-1,2-Dichloroethene	25.0	24.8	99	74 - 124	
Ethylbenzene	25.0	24.1	96	77 - 123	
Methyl tert-butyl ether	25.0	22.4	89	64 - 127	
Tetrachloroethene	25.0	23.2	93	74 - 122	
Toluene	25.0	23.4	93	80 - 122	
trans-1,2-Dichloroethene	25.0	24.9	99	73 - 127	
Trichloroethene	25.0	25.2	101	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79	66 - 137
4-Bromofluorobenzene (Surr)	88	73 - 120
Toluene-d8 (Surr)	88	71 - 126

DATA REPORTING QUALIFIERS

Client: AECOM, Inc.

Job Number: 480-31886-1

Lab Section	Qualifier	Description
GC/MS VOA	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: 480-31886-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:480-100709					
LCS 480-100709/4	Lab Control Sample	T	Water	8260B	
MB 480-100709/5	Method Blank	T	Water	8260B	
480-31886-1FD	Duplicate	T	Water	8260B	
480-31886-2	MW-10	T	Water	8260B	
480-31886-3	MW-11	T	Water	8260B	
480-31886-4	MW-12	T	Water	8260B	
480-31886-5	MW-16S	T	Water	8260B	
480-31886-7	MW-3	T	Water	8260B	
480-31886-8	MW-4	T	Water	8260B	
Analysis Batch:480-100819					
LCS 480-100819/3	Lab Control Sample	T	Water	8260B	
MB 480-100819/4	Method Blank	T	Water	8260B	
480-31886-5DL	MW-16S	T	Water	8260B	
480-31886-6	MW-2	T	Water	8260B	
480-31886-9	MW-6	T	Water	8260B	
480-31886-10RB	Rinse Blank	T	Water	8260B	
Analysis Batch:480-100891					
LCS 480-100891/3	Lab Control Sample	T	Water	8260B	
MB 480-100891/4	Method Blank	T	Water	8260B	
480-31886-8DL	MW-4	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-31886-1

Laboratory Chronicle

Lab ID: 480-31886-1

Client ID: Duplicate

Sample Date/Time: 01/21/2013 08:00

Received Date/Time: 01/22/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-31886-A-1		480-100709		01/23/2013 17:38	2000	TAL BUF	CDC
A:8260B	480-31886-A-1		480-100709		01/23/2013 17:38	2000	TAL BUF	CDC

Lab ID: 480-31886-2

Client ID: MW-10

Sample Date/Time: 01/21/2013 13:45

Received Date/Time: 01/22/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-31886-A-2		480-100709		01/23/2013 18:06	1	TAL BUF	CDC
A:8260B	480-31886-A-2		480-100709		01/23/2013 18:06	1	TAL BUF	CDC

Lab ID: 480-31886-3

Client ID: MW-11

Sample Date/Time: 01/21/2013 10:35

Received Date/Time: 01/22/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-31886-A-3		480-100709		01/23/2013 18:33	1	TAL BUF	CDC
A:8260B	480-31886-A-3		480-100709		01/23/2013 18:33	1	TAL BUF	CDC

Lab ID: 480-31886-4

Client ID: MW-12

Sample Date/Time: 01/21/2013 12:05

Received Date/Time: 01/22/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-31886-A-4		480-100709		01/23/2013 19:01	1	TAL BUF	CDC
A:8260B	480-31886-A-4		480-100709		01/23/2013 19:01	1	TAL BUF	CDC

Lab ID: 480-31886-5

Client ID: MW-16S

Sample Date/Time: 01/21/2013 15:40

Received Date/Time: 01/22/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-31886-A-5		480-100709		01/23/2013 19:28	800	TAL BUF	CDC
A:8260B	480-31886-A-5		480-100709		01/23/2013 19:28	800	TAL BUF	CDC
P:5030B	480-31886-B-5	DL	480-100819		01/24/2013 06:44	10000	TAL BUF	JMB
A:8260B	480-31886-B-5	DL	480-100819		01/24/2013 06:44	10000	TAL BUF	JMB

Lab ID: 480-31886-6

Client ID: MW-2

Sample Date/Time: 01/21/2013 09:50

Received Date/Time: 01/22/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-31886-B-6		480-100819		01/24/2013 07:11	1	TAL BUF	JMB
A:8260B	480-31886-B-6		480-100819		01/24/2013 07:11	1	TAL BUF	JMB

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-31886-1

Laboratory Chronicle

Lab ID: 480-31886-7

Client ID: MW-3

Sample Date/Time: 01/21/2013 11:20

Received Date/Time: 01/22/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-31886-A-7		480-100709		01/23/2013 20:23	1	TAL BUF	CDC
A:8260B	480-31886-A-7		480-100709		01/23/2013 20:23	1	TAL BUF	CDC

Lab ID: 480-31886-8

Client ID: MW-4

Sample Date/Time: 01/21/2013 14:45

Received Date/Time: 01/22/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-31886-A-8		480-100709		01/23/2013 20:50	40	TAL BUF	CDC
A:8260B	480-31886-A-8		480-100709		01/23/2013 20:50	40	TAL BUF	CDC
P:5030B	480-31886-B-8	DL	480-100891		01/24/2013 13:25	2000	TAL BUF	JMB
A:8260B	480-31886-B-8	DL	480-100891		01/24/2013 13:25	2000	TAL BUF	JMB

Lab ID: 480-31886-9

Client ID: MW-6

Sample Date/Time: 01/21/2013 12:50

Received Date/Time: 01/22/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-31886-B-9		480-100819		01/24/2013 08:06	1	TAL BUF	JMB
A:8260B	480-31886-B-9		480-100819		01/24/2013 08:06	1	TAL BUF	JMB

Lab ID: 480-31886-10

Client ID: Rinse Blank

Sample Date/Time: 01/21/2013 11:00

Received Date/Time: 01/22/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-31886-A-10		480-100819		01/24/2013 08:33	1	TAL BUF	JMB
A:8260B	480-31886-A-10		480-100819		01/24/2013 08:33	1	TAL BUF	JMB

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 480-100709/5		480-100709		01/23/2013 12:29	1	TAL BUF	CDC
A:8260B	MB 480-100709/5		480-100709		01/23/2013 12:29	1	TAL BUF	CDC
P:5030B	MB 480-100819/4		480-100819		01/24/2013 01:09	1	TAL BUF	JMB
A:8260B	MB 480-100819/4		480-100819		01/24/2013 01:09	1	TAL BUF	JMB
P:5030B	MB 480-100891/4		480-100891		01/24/2013 12:30	1	TAL BUF	JMB
A:8260B	MB 480-100891/4		480-100891		01/24/2013 12:30	1	TAL BUF	JMB

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-31886-1

Laboratory Chronicle

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 480-100709/4		480-100709		01/23/2013 11:29	1	TAL BUF	CDC
A:8260B	LCS 480-100709/4		480-100709		01/23/2013 11:29	1	TAL BUF	CDC
P:5030B	LCS 480-100819/3		480-100819		01/24/2013 00:41	1	TAL BUF	JMB
A:8260B	LCS 480-100819/3		480-100819		01/24/2013 00:41	1	TAL BUF	JMB
P:5030B	LCS 480-100891/3		480-100891		01/24/2013 12:03	1	TAL BUF	JMB
A:8260B	LCS 480-100891/3		480-100891		01/24/2013 12:03	1	TAL BUF	JMB

Lab References:

TAL BUF = TestAmerica Buffalo

Certification Summary

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

TestAmerica Job ID: 480-31886-1

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

Accreditation may not be offered or required for all methods and analytes reported in this package Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): ZB-624 (60) ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
Duplicate	480-31886-1	71	87	86
MW-10	480-31886-2	70	89	86
MW-11	480-31886-3	72	88	86
MW-12	480-31886-4	70	88	85
MW-16S	480-31886-5	71	89	85
MW-16S DL	480-31886-5 DL	80	87	86
MW-2	480-31886-6	79	86	86
MW-3	480-31886-7	71	88	84
MW-4	480-31886-8	68	88	85
MW-4 DL	480-31886-8 DL	79	86	87
MW-6	480-31886-9	80	87	87
Rinse Blank	480-31886-10	80	87	87
	MB 480-100709/5	74	86	91
	MB 480-100819/4	82	89	88
	MB 480-100891/4	80	85	87
	LCS 480-100709/4	78	87	94
	LCS 480-100819/3	83	90	89
	LCS 480-100891/3	79	88	88

	<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.: 480-31886-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: Q5712.D
 Lab ID: LCS 480-100709/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	25.2	101	71-129	
1,1-Dichloroethene	25.0	23.6	94	58-121	
1,2-Dichlorobenzene	25.0	24.7	99	80-124	
1,2-Dichloroethane	25.0	23.5	94	75-127	
Benzene	25.0	25.5	102	71-124	
Chlorobenzene	25.0	25.3	101	72-120	
cis-1,2-Dichloroethene	25.0	26.3	105	74-124	
Ethylbenzene	25.0	24.4	98	77-123	
Methyl tert-butyl ether	25.0	20.4	82	64-127	
Tetrachloroethene	25.0	24.7	99	74-122	
Toluene	25.0	23.4	93	80-122	
trans-1,2-Dichloroethene	25.0	27.3	109	73-127	
Trichloroethene	25.0	25.9	104	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.: 480-31886-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: Q5740.D
 Lab ID: LCS 480-100819/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	24.8	99	71-129	
1,1-Dichloroethene	25.0	22.7	91	58-121	
1,2-Dichlorobenzene	25.0	26.2	105	80-124	
1,2-Dichloroethane	25.0	25.9	104	75-127	
Benzene	25.0	25.5	102	71-124	
Chlorobenzene	25.0	26.1	104	72-120	
cis-1,2-Dichloroethene	25.0	25.7	103	74-124	
Ethylbenzene	25.0	25.3	101	77-123	
Methyl tert-butyl ether	25.0	24.9	100	64-127	
Tetrachloroethene	25.0	24.6	98	74-122	
Toluene	25.0	24.9	100	80-122	
trans-1,2-Dichloroethene	25.0	25.9	103	73-127	
Trichloroethene	25.0	26.3	105	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.: 480-31886-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: Q5764.D
 Lab ID: LCS 480-100891/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	24.7	99	71-129	
1,1-Dichloroethene	25.0	21.3	85	58-121	
1,2-Dichlorobenzene	25.0	24.9	100	80-124	
1,2-Dichloroethane	25.0	24.8	99	75-127	
Benzene	25.0	24.7	99	71-124	
Chlorobenzene	25.0	24.7	99	72-120	
cis-1,2-Dichloroethene	25.0	24.8	99	74-124	
Ethylbenzene	25.0	24.1	96	77-123	
Methyl tert-butyl ether	25.0	22.4	89	64-127	
Tetrachloroethene	25.0	23.2	93	74-122	
Toluene	25.0	23.4	93	80-122	
trans-1,2-Dichloroethene	25.0	24.9	99	73-127	
Trichloroethene	25.0	25.2	101	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.: 480-31886-1
SDG No.: _____
Lab File ID: Q5713.D Lab Sample ID: MB 480-100709/5
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: HP5973Q Date Analyzed: 01/23/2013 12:29
GC Column: ZB-624 (60) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-100709/4	Q5712.D	01/23/2013 11:29
Duplicate	480-31886-1	Q5724.D	01/23/2013 17:38
MW-10	480-31886-2	Q5725.D	01/23/2013 18:06
MW-11	480-31886-3	Q5726.D	01/23/2013 18:33
MW-12	480-31886-4	Q5727.D	01/23/2013 19:01
MW-16S	480-31886-5	Q5728.D	01/23/2013 19:28
MW-3	480-31886-7	Q5730.D	01/23/2013 20:23
MW-4	480-31886-8	Q5731.D	01/23/2013 20:50

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
SDG No.: _____
Lab File ID: Q5741.D Lab Sample ID: MB 480-100819/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: HP5973Q Date Analyzed: 01/24/2013 01:09
GC Column: ZB-624 (60) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-100819/3	Q5740.D	01/24/2013 00:41
MW-16S DL	480-31886-5 DL	Q5753.D	01/24/2013 06:44
MW-2	480-31886-6	Q5754.D	01/24/2013 07:11
MW-6	480-31886-9	Q5756.D	01/24/2013 08:06
Rinse Blank	480-31886-10	Q5757.D	01/24/2013 08:33

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
SDG No.: _____
Lab File ID: Q5765.D Lab Sample ID: MB 480-100891/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: HP5973Q Date Analyzed: 01/24/2013 12:30
GC Column: ZB-624 (60) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-100891/3	Q5764.D	01/24/2013 12:03
MW-4 DL	480-31886-8 DL	Q5767.D	01/24/2013 13:25

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

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Lab File ID: Q3884.D BFB Injection Date: 11/09/2012
 Instrument ID: HP5973Q BFB Injection Time: 15:32
 Analysis Batch No.: 89987

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.1
75	30.0 - 60.0 % of mass 95	44.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	87.5
175	5.0 - 9.0 % of mass 174	6.5 (7.5) 1
176	95.0 - 101.0 % of mass 174	84.4 (96.5) 1
177	5.0 - 9.0 % of mass 176	5.6 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 480-89987/3	Q3886.D	11/09/2012	16:23
	IC 480-89987/4	Q3887.D	11/09/2012	16:51
	IC 480-89987/5	Q3888.D	11/09/2012	17:18
	ICIS 480-89987/6	Q3889.D	11/09/2012	17:46
	IC 480-89987/7	Q3890.D	11/09/2012	18:13
	IC 480-89987/8	Q3891.D	11/09/2012	18:41

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

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
SDG No.: _____
Lab File ID: Q5710.D BFB Injection Date: 01/23/2013
Instrument ID: HP5973Q BFB Injection Time: 09:47
Analysis Batch No.: 100709

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.6
75	30.0 - 60.0 % of mass 95	42.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.2 (0.2) 1
174	50.0 - 120.00 % of mass 95	90.1
175	5.0 - 9.0 % of mass 174	6.7 (7.5) 1
176	95.0 - 101.0 % of mass 174	87.6 (97.3) 1
177	5.0 - 9.0 % of mass 176	5.6 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-100709/3	Q5711.D	01/23/2013	10:56
	LCS 480-100709/4	Q5712.D	01/23/2013	11:29
	MB 480-100709/5	Q5713.D	01/23/2013	12:29
Duplicate	480-31886-1	Q5724.D	01/23/2013	17:38
MW-10	480-31886-2	Q5725.D	01/23/2013	18:06
MW-11	480-31886-3	Q5726.D	01/23/2013	18:33
MW-12	480-31886-4	Q5727.D	01/23/2013	19:01
MW-16S	480-31886-5	Q5728.D	01/23/2013	19:28
MW-3	480-31886-7	Q5730.D	01/23/2013	20:23
MW-4	480-31886-8	Q5731.D	01/23/2013	20:50

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

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
SDG No.: _____
Lab File ID: Q5738.D BFB Injection Date: 01/23/2013
Instrument ID: HP5973Q BFB Injection Time: 23:44
Analysis Batch No.: 100819

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.7
75	30.0 - 60.0 % of mass 95	44.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.3
173	Less than 2.0 % of mass 174	0.3 (0.4) 1
174	50.0 - 120.00 % of mass 95	87.0
175	5.0 - 9.0 % of mass 174	6.1 (7.0) 1
176	95.0 - 101.0 % of mass 174	85.2 (98.0) 1
177	5.0 - 9.0 % of mass 176	5.8 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-100819/2	Q5739.D	01/24/2013	00:08
	LCS 480-100819/3	Q5740.D	01/24/2013	00:41
	MB 480-100819/4	Q5741.D	01/24/2013	01:09
MW-16S DL	480-31886-5 DL	Q5753.D	01/24/2013	06:44
MW-2	480-31886-6	Q5754.D	01/24/2013	07:11
MW-6	480-31886-9	Q5756.D	01/24/2013	08:06
Rinse Blank	480-31886-10	Q5757.D	01/24/2013	08:33

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

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
SDG No.: _____
Lab File ID: Q5762.D BFB Injection Date: 01/24/2013
Instrument ID: HP5973Q BFB Injection Time: 10:41
Analysis Batch No.: 100891

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.1
75	30.0 - 60.0 % of mass 95	44.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	87.7
175	5.0 - 9.0 % of mass 174	6.1 (7.0) 1
176	95.0 - 101.0 % of mass 174	84.5 (96.3) 1
177	5.0 - 9.0 % of mass 176	5.8 (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 480-100891/2	Q5763.D	01/24/2013	11:29
	LCS 480-100891/3	Q5764.D	01/24/2013	12:03
	MB 480-100891/4	Q5765.D	01/24/2013	12:30
MW-4 DL	480-31886-8 DL	Q5767.D	01/24/2013	13:25

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

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Sample No.: ICIS 480-89987/6 Date Analyzed: 11/09/2012 17:46
 Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm)
 Lab File ID (Standard): Q3889.D Heated Purge: (Y/N) N
 Calibration ID: 11113

	DFB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	879190	5.01	399662	7.20	427836	9.06	
UPPER LIMIT	1758380	5.51	799324	7.70	855672	9.56	
LOWER LIMIT	439595	4.51	199831	6.70	213918	8.56	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-100709/3		904783	5.01	411161	7.20	421922	9.06
CCVIS 480-100819/2		798322	5.01	365919	7.20	359814	9.06
CCVIS 480-100891/2		663680	5.00	326464	7.20	330866	9.06

DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 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.: 480-31886-1
 SDG No.: _____
 Sample No.: CCVIS 480-100709/3 Date Analyzed: 01/23/2013 10:56
 Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm)
 Lab File ID (Standard): Q5711.D Heated Purge: (Y/N) N
 Calibration ID: 11113

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		904783	5.01	411161	7.20	421922	9.06
UPPER LIMIT		1809566	5.51	822322	7.70	843844	9.56
LOWER LIMIT		452392	4.51	205581	6.70	210961	8.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-100709/4		833726	5.01	392226	7.20	413915	9.06
MB 480-100709/5		821544	5.01	383586	7.20	398917	9.06
480-31886-1	Duplicate	751170	5.01	353028	7.20	346977	9.07
480-31886-2	MW-10	741142	5.01	345964	7.20	343298	9.06
480-31886-3	MW-11	737707	5.01	347667	7.20	346131	9.06
480-31886-4	MW-12	739129	5.01	348561	7.20	338561	9.06
480-31886-5	MW-16S	733977	5.01	342710	7.20	334893	9.06
480-31886-7	MW-3	722878	5.01	344389	7.20	333765	9.07
480-31886-8	MW-4	726738	5.01	340531	7.20	325278	9.06

DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 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.: 480-31886-1
 SDG No.: _____
 Sample No.: CCVIS 480-100819/2 Date Analyzed: 01/24/2013 00:08
 Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm)
 Lab File ID (Standard): Q5739.D Heated Purge: (Y/N) N
 Calibration ID: 11113

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		798322	5.01	365919	7.20	359814	9.06
UPPER LIMIT		1596644	5.51	731838	7.70	719628	9.56
LOWER LIMIT		399161	4.51	182960	6.70	179907	8.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-100819/3		788743	5.01	360335	7.20	362169	9.06
MB 480-100819/4		762935	5.01	359010	7.20	353234	9.06
480-31886-5 DL	MW-16S DL	678896	5.01	329837	7.20	333664	9.06
480-31886-6	MW-2	708189	5.01	333630	7.20	331224	9.06
480-31886-9	MW-6	659628	5.01	321831	7.20	324697	9.06
480-31886-10	Rinse Blank	685432	5.01	321609	7.20	323941	9.06

DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 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.: 480-31886-1
SDG No.: _____
Sample No.: CCVIS 480-100891/2 Date Analyzed: 01/24/2013 11:29
Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm)
Lab File ID (Standard): Q5763.D Heated Purge: (Y/N) N
Calibration ID: 11113

		DFB		CBZ		DCB		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		663680	5.00	326464	7.20	330866	9.06	
UPPER LIMIT		1327360	5.50	652928	7.70	661732	9.56	
LOWER LIMIT		331840	4.50	163232	6.70	165433	8.56	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 480-100891/3		693746	5.01	327450	7.20	331941	9.06	
MB 480-100891/4		673725	5.01	325986	7.20	329841	9.06	
480-31886-8 DL		MW-4 DL	662047	5.01	320532	7.20	322099	9.06

DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 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.: 480-31886-1

SDG No.: _____

Client Sample ID: Duplicate Lab Sample ID: 480-31886-1

Matrix: Water Lab File ID: Q5724.D

Analysis Method: 8260B Date Collected: 01/21/2013 08:00

Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 17:38

Soil Aliquot Vol: _____ Dilution Factor: 2000

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100709 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	620
79-00-5	1,1,2-Trichloroethane	ND		2000	460
75-34-3	1,1-Dichloroethane	1400	J	2000	760
75-35-4	1,1-Dichloroethene	740	J	2000	580
120-82-1	1,2,4-Trichlorobenzene	ND		2000	820
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2000	780
106-93-4	1,2-Dibromoethane	ND		2000	1500
95-50-1	1,2-Dichlorobenzene	ND		2000	1600
107-06-2	1,2-Dichloroethane	ND		2000	420
78-87-5	1,2-Dichloropropane	ND		2000	1400
541-73-1	1,3-Dichlorobenzene	ND		2000	1600
106-46-7	1,4-Dichlorobenzene	ND		2000	1700
78-93-3	2-Butanone (MEK)	ND		20000	2600
591-78-6	2-Hexanone	ND		10000	2500
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10000	4200
67-64-1	Acetone	ND		20000	6000
71-43-2	Benzene	ND		2000	820
75-27-4	Bromodichloromethane	ND		2000	780
75-25-2	Bromoform	ND		2000	520
74-83-9	Bromomethane	ND		2000	1400
75-15-0	Carbon disulfide	ND		2000	380
56-23-5	Carbon tetrachloride	ND		2000	540
108-90-7	Chlorobenzene	ND		2000	1500
75-00-3	Chloroethane	ND		2000	640
67-66-3	Chloroform	ND		2000	680
74-87-3	Chloromethane	ND		2000	700
156-59-2	cis-1,2-Dichloroethene	93000		2000	1600
10061-01-5	cis-1,3-Dichloropropene	ND		2000	720
110-82-7	Cyclohexane	ND		2000	360
124-48-1	Dibromochloromethane	ND		2000	640
75-71-8	Dichlorodifluoromethane	ND		2000	1400
100-41-4	Ethylbenzene	ND		2000	1500
98-82-8	Isopropylbenzene	ND		2000	1600

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: Duplicate Lab Sample ID: 480-31886-1
 Matrix: Water Lab File ID: Q5724.D
 Analysis Method: 8260B Date Collected: 01/21/2013 08:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 17:38
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100709 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	40000		2000	920
75-69-4	Trichlorofluoromethane	ND		2000	1800
75-01-4	Vinyl chloride	4800		2000	1800
1330-20-7	Xylenes, Total	ND		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	71		66-137
460-00-4	4-Bromofluorobenzene (Surr)	86		73-120
2037-26-5	Toluene-d8 (Surr)	87		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5724.D
 Lims ID: 480-31886-A-1 Client ID: Duplicate
 Inject. Date: 23-Jan-2013 17:38:30 Dil. Factor: 2000.0000
 Sample Type: Client
 Sample ID: 480-31886-A-1
 Misc. Info.: 480-0018476-016
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 14
 Lims Batch ID: 100709 Lims Sample ID: 16
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q-8260.m
 Last Update: 23-Jan-2013 20:28:11 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK019

First Level Reviewer: cwiklinc

Date: 23-Jan-2013 20:29:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.013	5.011	0.002	93	751170	25.0	
* 2 Chlorobenzene-d5	82	7.203	7.201	0.002	82	353028	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.065	9.063	0.003	93	346977	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.703	4.701	0.002	90	92913	17.8	
\$ 5 Toluene-d8 (Surr)	98	6.096	6.094	0.002	92	810509	21.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.128	8.132	-0.004	93	282480	21.6	
10 Dichlorodifluoromethane	85		1.361					
12 Chloromethane	50		1.507					
13 Vinyl chloride	62	1.607	1.604	0.003	92	27045	2.40	
14 Bromomethane	94		1.878					
15 Chloroethane	64		1.957					9
17 Trichlorofluoromethane	101		2.182					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96	2.659	2.657	0.002	48	3182	0.3717	
23 Acetone	43		2.754					
26 Carbon disulfide	76		2.833					
27 Methyl acetate	43		3.009					
30 Methylene Chloride	84		3.095					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.295					
39 1,1-Dichloroethane	63	3.645	3.636	0.009	46	12349	0.7089	
45 cis-1,2-Dichloroethene	96	4.095	4.092	0.003	67	520984	46.5	
43 2-Butanone (MEK)	43		4.104					
50 Chloroform	83		4.336					9
51 1,1,1-Trichloroethane	97		4.445					9
52 Cyclohexane	56		4.469					
55 Carbon tetrachloride	117		4.567					
57 Benzene	78		4.725					9
58 1,2-Dichloroethane	62		4.755					
62 Trichloroethene	95	5.202	5.199	0.003	96	201783	19.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
64 Methylcyclohexane	83		5.315					
65 1,2-Dichloropropane	63		5.376				9	
68 Dichlorobromomethane	83		5.589					
72 cis-1,3-Dichloropropene	75		5.905					
73 4-Methyl-2-pentanone (MIBK)	43		6.009				9	
74 Toluene	92		6.142				9	
77 trans-1,3-Dichloropropene	75		6.325					
79 1,1,2-Trichloroethane	83		6.471					
81 Tetrachloroethene	166		6.556					
80 2-Hexanone	43		6.635					
83 Chlorodibromomethane	129		6.775					
84 Ethylene Dibromide	107		6.860					
87 Chlorobenzene	112		7.225				9	
88 Ethylbenzene	91		7.292					
90 m-Xylene & p-Xylene	106		7.383				9	
91 o-Xylene	106		7.700					
92 Styrene	104		7.718					
95 Bromoform	173		7.894					
94 Isopropylbenzene	105		7.986					
97 1,1,2,2-Tetrachloroethane	83		8.259					
111 1,3-Dichlorobenzene	146		9.008					
113 1,4-Dichlorobenzene	146		9.087					
116 1,2-Dichlorobenzene	146		9.391				9	
117 1,2-Dibromo-3-Chloropropane	75		10.048					
119 1,2,4-Trichlorobenzene	180		10.717					
S 124 Xylenes, Total	1		30.000				7	

QC Flag Legend

Processing Flags

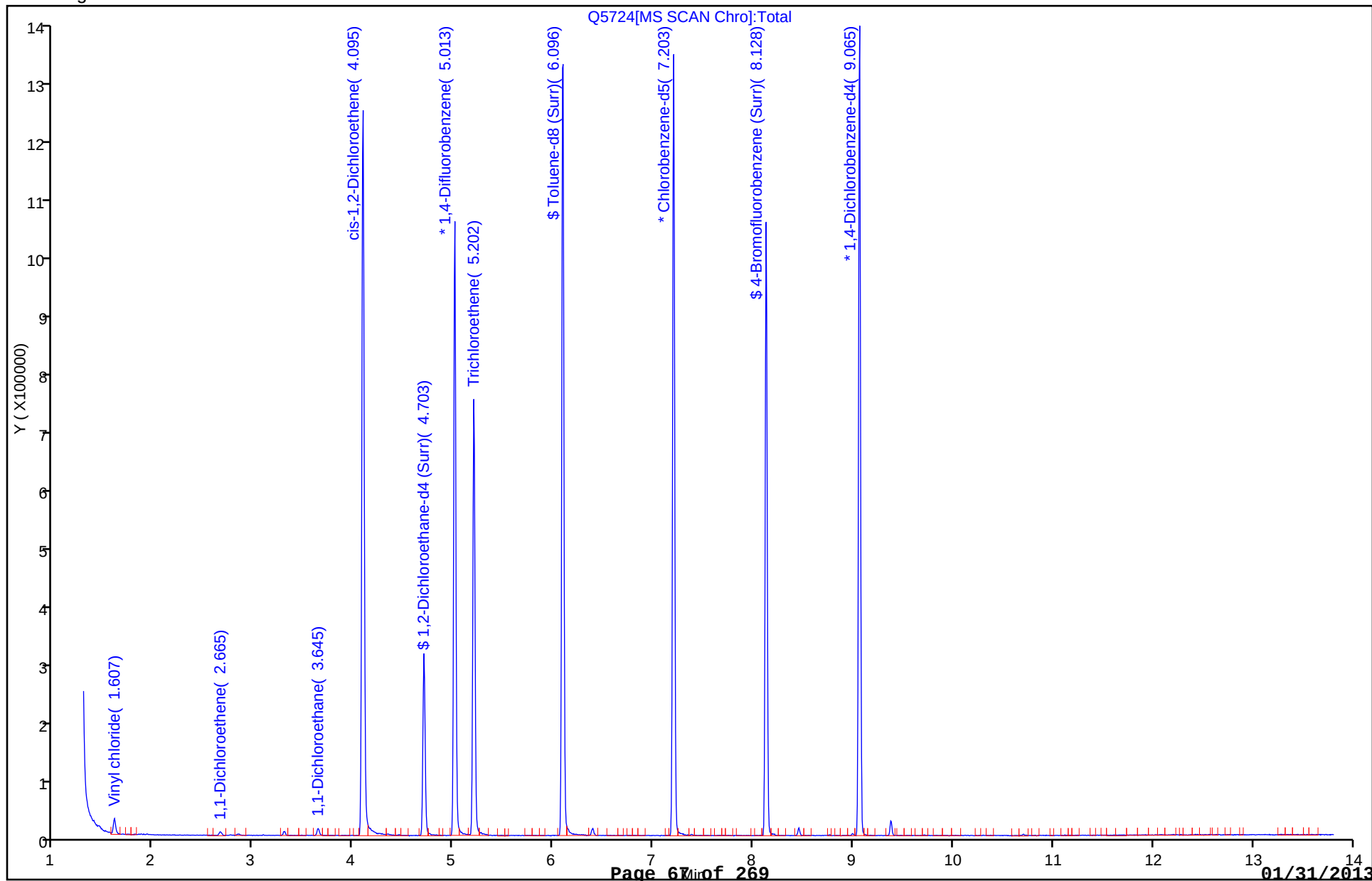
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5724.D
Injection Date: 23-Jan-2013 17:38:30 Limit Group: MV - 8260B ICAL
Client ID: Duplicate Instrument ID: HP5973Q
Lims Batch ID: 100709 Lims Sample ID: 16
Operator ID: jmb Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5724.D

Injection Date: 23-Jan-2013 17:38:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 16

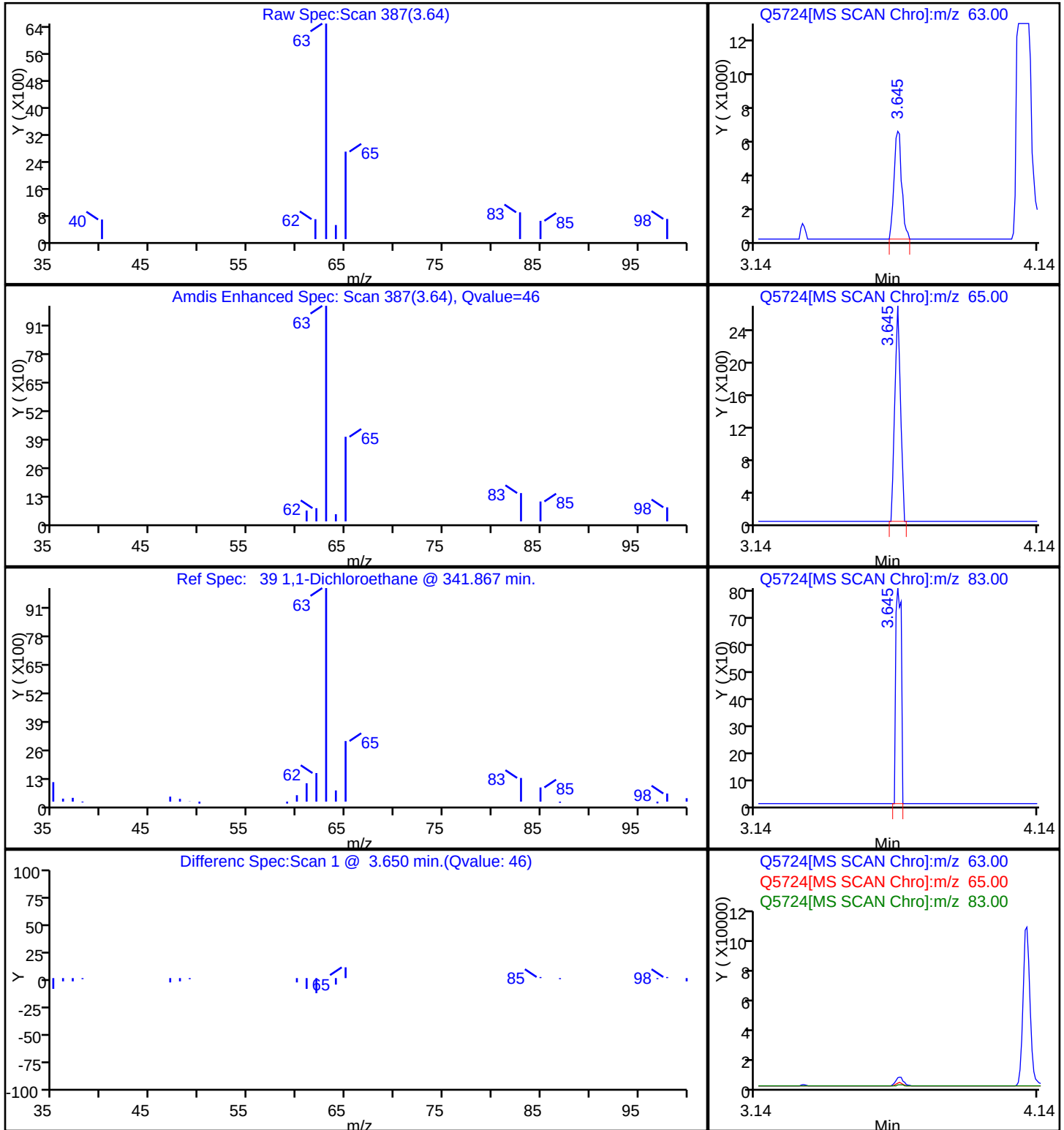
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

39 1,1-Dichloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5724.D

Injection Date: 23-Jan-2013 17:38:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 16

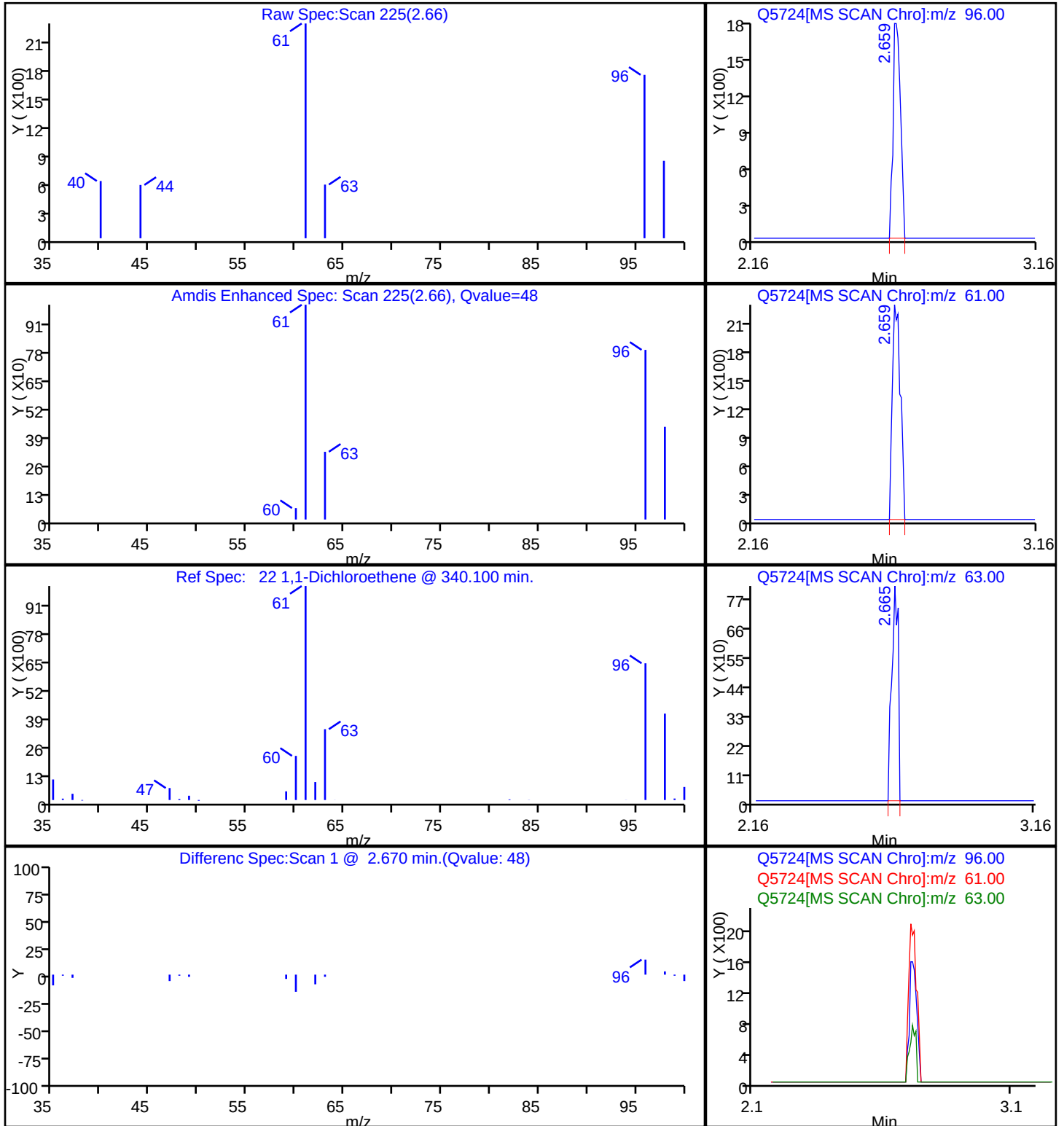
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

22 1,1-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5724.D

Injection Date: 23-Jan-2013 17:38:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 16

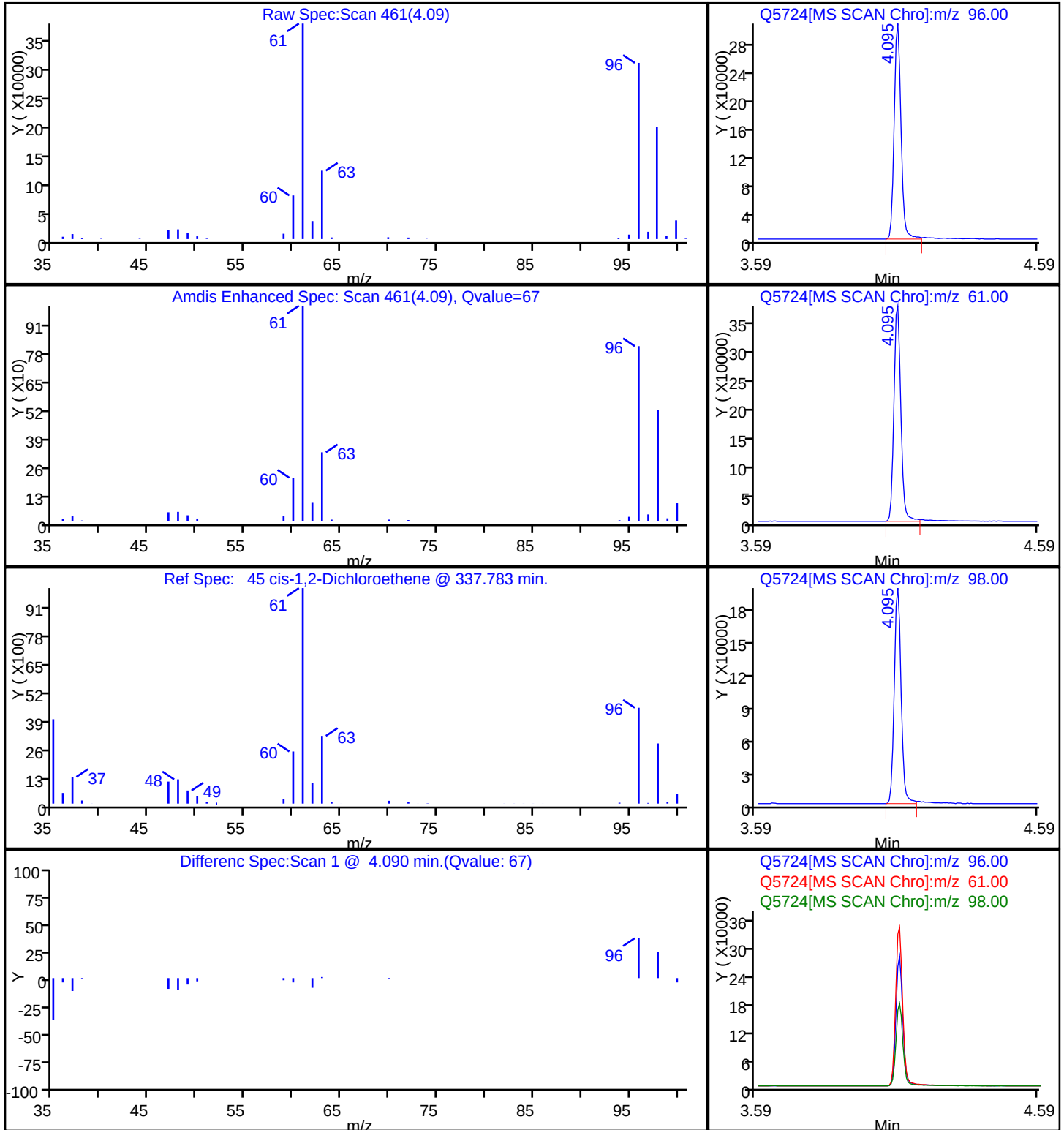
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5724.D

Injection Date: 23-Jan-2013 17:38:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 16

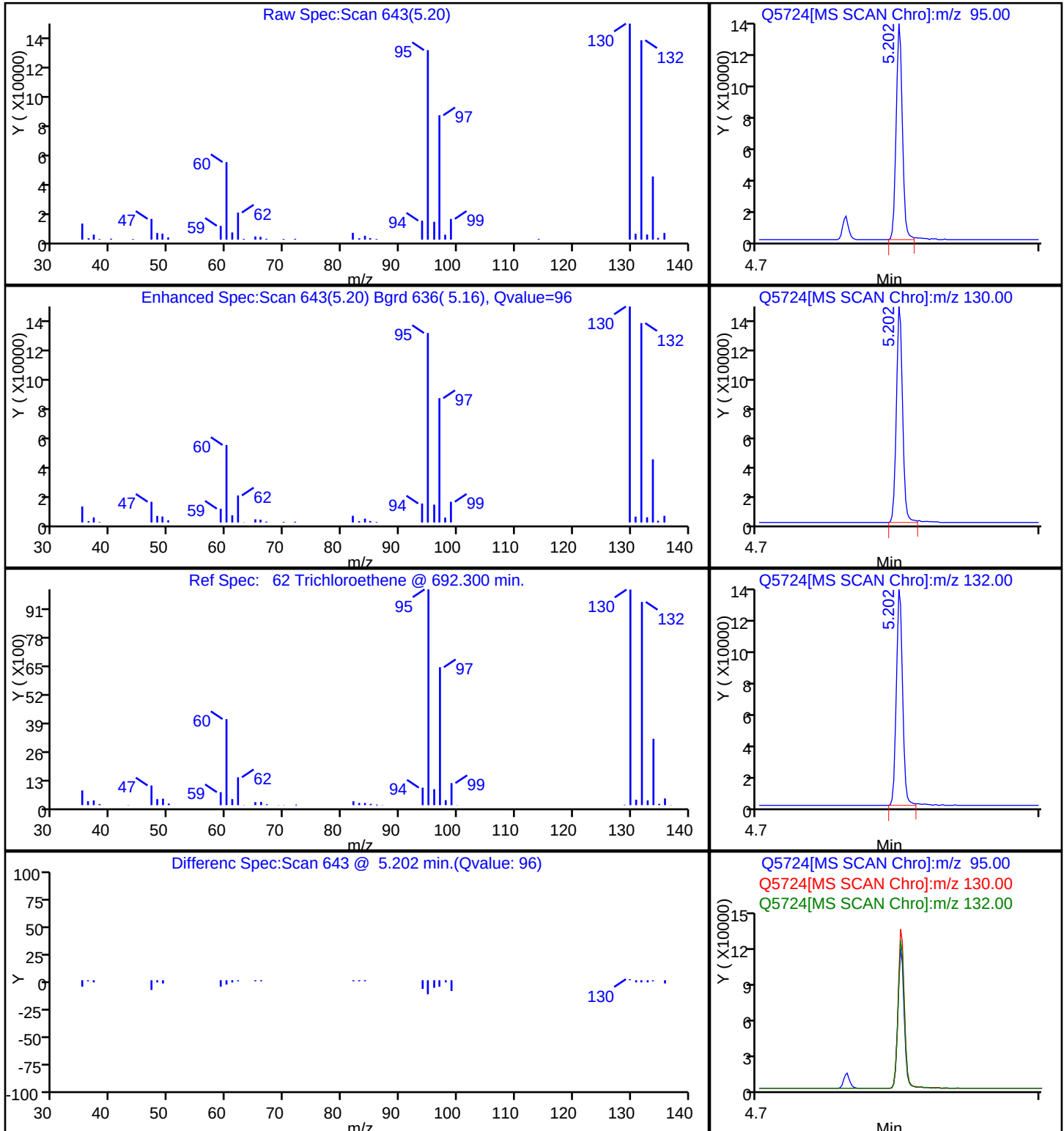
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

62 Trichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5724.D

Injection Date: 23-Jan-2013 17:38:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 16

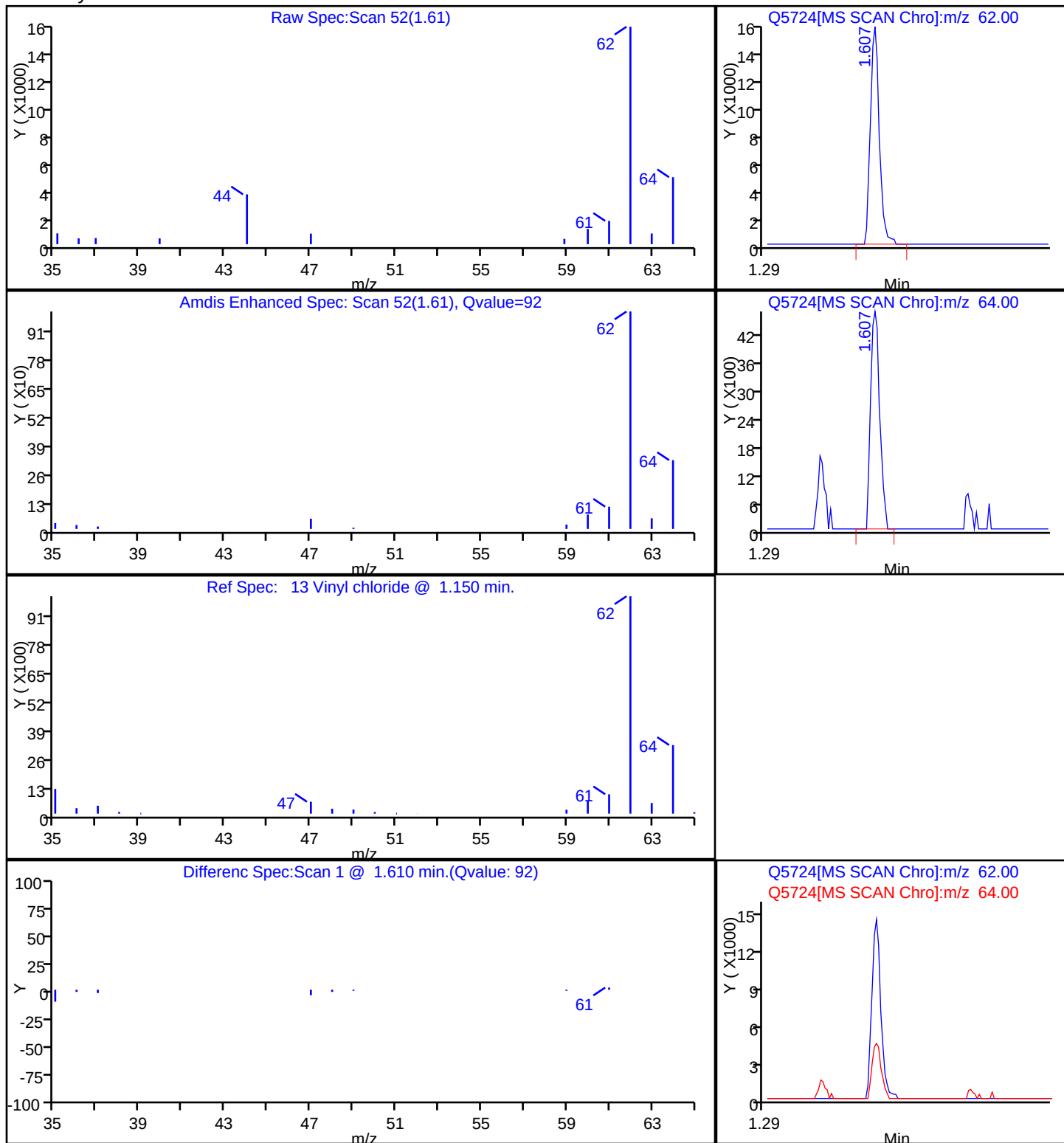
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Client Sample ID: MW-10 Lab Sample ID: 480-31886-2

Matrix: Ground Water Lab File ID: Q5725.D

Analysis Method: 8260B Date Collected: 01/21/2013 13:45

Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 18:06

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100709 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 480-31886-2
 Matrix: Ground Water Lab File ID: Q5725.D
 Analysis Method: 8260B Date Collected: 01/21/2013 13:45
 Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 18:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100709 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)	70		66-137
460-00-4	4-Bromofluorobenzene (Surr)	86		73-120
2037-26-5	Toluene-d8 (Surr)	89		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5725.D
 Lims ID: 480-31886-A-2 Client ID: MW-10
 Inject. Date: 23-Jan-2013 18:06:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-31886-A-2
 Misc. Info.: 480-0018476-017
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 15
 Lims Batch ID: 100709 Lims Sample ID: 17
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q-8260.m
 Last Update: 23-Jan-2013 20:28:11 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK019

First Level Reviewer: cwiklinc

Date: 23-Jan-2013 20:29:11

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.010	5.011	-0.001	93	741142	25.0	
* 2 Chlorobenzene-d5	82	7.200	7.201	-0.001	82	345964	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.062	9.063	0.0	94	343298	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.706	4.701	0.005	97	90660	17.6	
\$ 5 Toluene-d8 (Surr)	98	6.093	6.094	-0.001	93	804953	22.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.131	8.132	-0.001	93	276778	21.6	
10 Dichlorodifluoromethane	85		1.361					
12 Chloromethane	50		1.507					9
13 Vinyl chloride	62		1.604					
14 Bromomethane	94		1.878					
15 Chloroethane	64		1.957					
17 Trichlorofluoromethane	101		2.182					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.644					
22 1,1-Dichloroethene	96		2.657					
23 Acetone	43		2.754					
26 Carbon disulfide	76		2.833					
27 Methyl acetate	43		3.009					
30 Methylene Chloride	84		3.095					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.295					
39 1,1-Dichloroethane	63		3.636					
45 cis-1,2-Dichloroethene	96		4.092					9
43 2-Butanone (MEK)	43		4.104					
50 Chloroform	83		4.336					
51 1,1,1-Trichloroethane	97		4.445					
52 Cyclohexane	56		4.469					
55 Carbon tetrachloride	117		4.567					
57 Benzene	78		4.725					9
58 1,2-Dichloroethane	62		4.755					
62 Trichloroethene	95		5.199					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
64 Methylcyclohexane	83		5.315					
65 1,2-Dichloropropane	63		5.376					
68 Dichlorobromomethane	83		5.589					
72 cis-1,3-Dichloropropene	75		5.905					
73 4-Methyl-2-pentanone (MIBK)	43		6.009					9
74 Toluene	92		6.142					9
77 trans-1,3-Dichloropropene	75		6.325					
79 1,1,2-Trichloroethane	83		6.471					
81 Tetrachloroethene	166		6.556					
80 2-Hexanone	43		6.635					
83 Chlorodibromomethane	129		6.775					
84 Ethylene Dibromide	107		6.860					
87 Chlorobenzene	112		7.225					
88 Ethylbenzene	91		7.292					9
90 m-Xylene & p-Xylene	106		7.383					9
91 o-Xylene	106		7.700					
92 Styrene	104		7.718					
95 Bromoform	173		7.894					
94 Isopropylbenzene	105		7.986					
97 1,1,2,2-Tetrachloroethane	83		8.259					
111 1,3-Dichlorobenzene	146		9.008					
113 1,4-Dichlorobenzene	146		9.087					
116 1,2-Dichlorobenzene	146		9.391					9
117 1,2-Dibromo-3-Chloropropane	75		10.048					
119 1,2,4-Trichlorobenzene	180		10.717					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

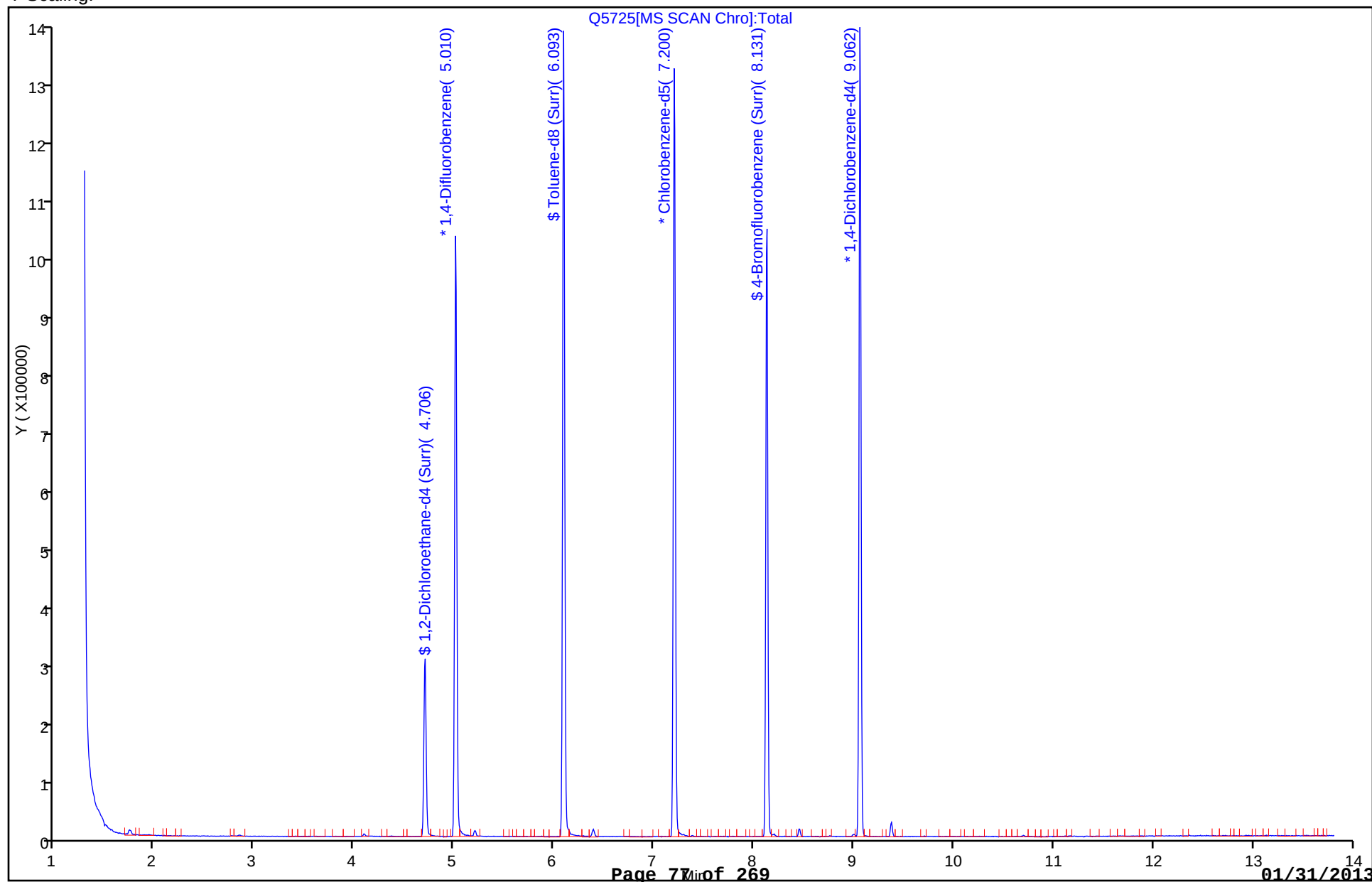
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5725.D
Injection Date: 23-Jan-2013 18:06:30 Limit Group: MV - 8260B ICAL
Client ID: MW-10 Instrument ID: HP5973Q
Lims Batch ID: 100709 Lims Sample ID: 17
Operator ID: jmb Purge Vol: 5.000 mL
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.: 480-31886-1

SDG No.: _____

Client Sample ID: MW-11 Lab Sample ID: 480-31886-3

Matrix: Ground Water Lab File ID: Q5726.D

Analysis Method: 8260B Date Collected: 01/21/2013 10:35

Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 18:33

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100709 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	5.6		1.0	0.38
75-35-4	1,1-Dichloroethene	0.64	J	1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	0.22	J	1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	8.2		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	23		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: MW-11 Lab Sample ID: 480-31886-3
 Matrix: Ground Water Lab File ID: Q5726.D
 Analysis Method: 8260B Date Collected: 01/21/2013 10:35
 Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 18:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100709 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	6.0		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)	72		66-137
460-00-4	4-Bromofluorobenzene (Surr)	86		73-120
2037-26-5	Toluene-d8 (Surr)	88		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5726.D
 Lims ID: 480-31886-A-3 Client ID: MW-11
 Inject. Date: 23-Jan-2013 18:33:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-31886-A-3
 Misc. Info.: 480-0018476-018
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 16
 Lims Batch ID: 100709 Lims Sample ID: 18
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q-8260.m
 Last Update: 23-Jan-2013 20:28:11 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK019

First Level Reviewer: cwiklinc

Date: 23-Jan-2013 20:32:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.010	5.011	-0.001	93	737707	25.0	
* 2 Chlorobenzene-d5	82	7.201	7.201	-0.001	82	347667	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.062	9.063	0.0	94	346131	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.706	4.701	0.005	90	92325	18.0	
\$ 5 Toluene-d8 (Surr)	98	6.093	6.094	-0.001	93	806408	22.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.131	8.132	-0.001	93	276888	21.5	
10 Dichlorodifluoromethane	85		1.361					
12 Chloromethane	50		1.507					
13 Vinyl chloride	62	1.604	1.604	0.0	82	65809	5.95	
14 Bromomethane	94		1.878					
15 Chloroethane	64	1.981	1.957	0.024	85	21691	8.19	
17 Trichlorofluoromethane	101		2.182					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.644					
22 1,1-Dichloroethene	96	2.662	2.657	0.005	60	5356	0.6370	
23 Acetone	43		2.754					
26 Carbon disulfide	76	2.851	2.833	0.018	63	5808	0.2204	
27 Methyl acetate	43		3.009					
30 Methylene Chloride	84		3.095					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.295					
39 1,1-Dichloroethane	63	3.642	3.636	0.006	92	95812	5.60	
45 cis-1,2-Dichloroethene	96	4.092	4.092	0.0	81	250940	22.8	
43 2-Butanone (MEK)	43		4.104					
50 Chloroform	83		4.336					
51 1,1,1-Trichloroethane	97		4.445					
52 Cyclohexane	56		4.469					
55 Carbon tetrachloride	117		4.567					9
57 Benzene	78		4.725					9
58 1,2-Dichloroethane	62		4.755					9
62 Trichloroethene	95		5.199					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
64 Methylcyclohexane	83		5.315					
65 1,2-Dichloropropane	63		5.376					
68 Dichlorobromomethane	83		5.589					
72 cis-1,3-Dichloropropene	75		5.905					
73 4-Methyl-2-pentanone (MIBK)	43		6.009				9	
74 Toluene	92		6.142					
77 trans-1,3-Dichloropropene	75		6.325					
79 1,1,2-Trichloroethane	83		6.471					
81 Tetrachloroethene	166		6.556					
80 2-Hexanone	43		6.635					
83 Chlorodibromomethane	129		6.775					
84 Ethylene Dibromide	107		6.860					
87 Chlorobenzene	112		7.225					
88 Ethylbenzene	91		7.292				9	
90 m-Xylene & p-Xylene	106		7.383					
91 o-Xylene	106		7.700					
92 Styrene	104		7.718					
95 Bromoform	173		7.894					
94 Isopropylbenzene	105		7.986					
97 1,1,2,2-Tetrachloroethane	83		8.259					
111 1,3-Dichlorobenzene	146		9.008					
113 1,4-Dichlorobenzene	146		9.087					
116 1,2-Dichlorobenzene	146		9.391					
117 1,2-Dibromo-3-Chloropropane	75		10.048					
119 1,2,4-Trichlorobenzene	180		10.717					
S 124 Xylenes, Total	1		30.000				7	

QC Flag Legend

Processing Flags

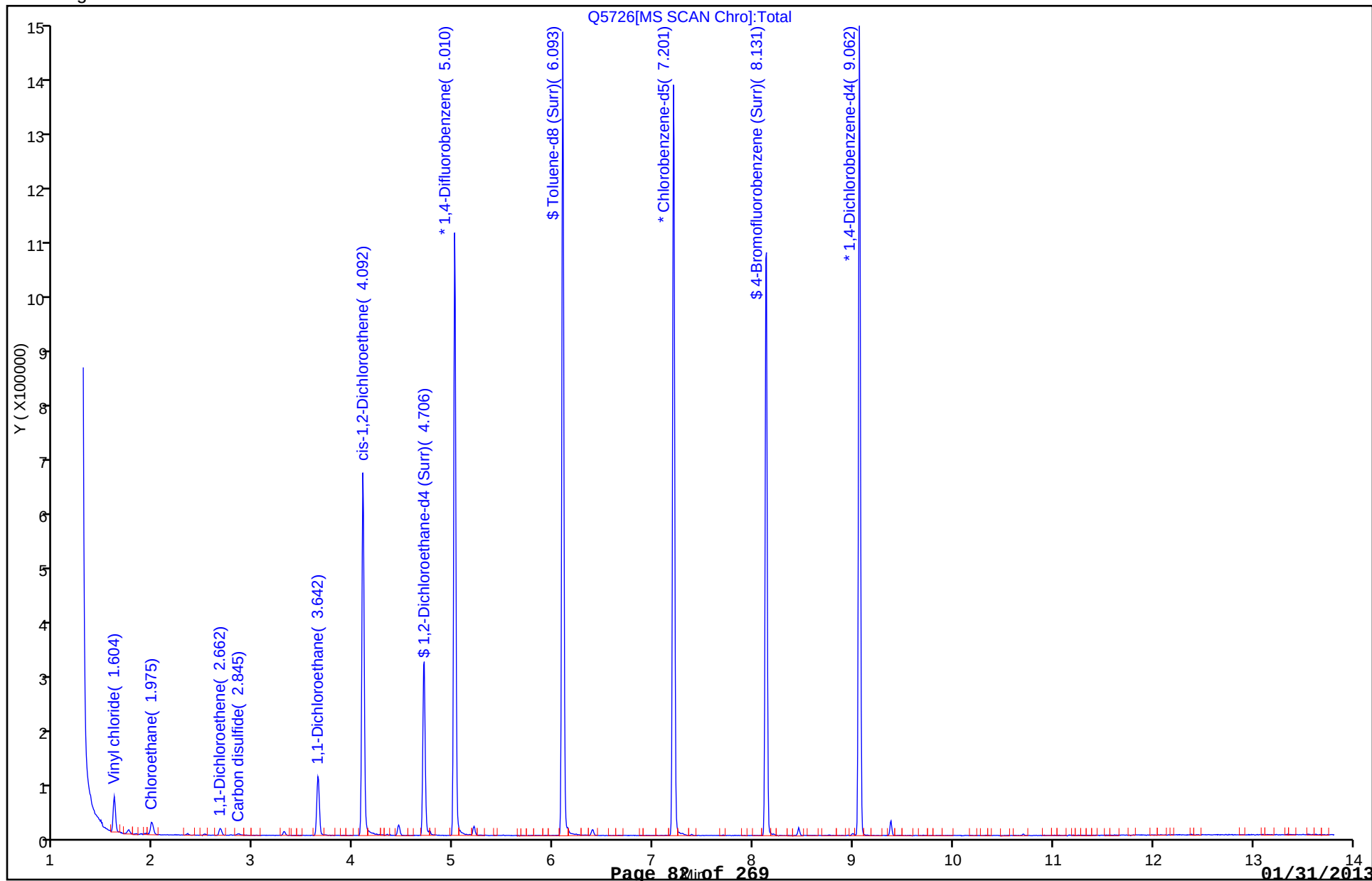
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5726.D
Injection Date: 23-Jan-2013 18:33:30 Limit Group: MV - 8260B ICAL
Client ID: MW-11 Instrument ID: HP5973Q
Lims Batch ID: 100709 Lims Sample ID: 18
Operator ID: jmb Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5726.D

Injection Date: 23-Jan-2013 18:33:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 18

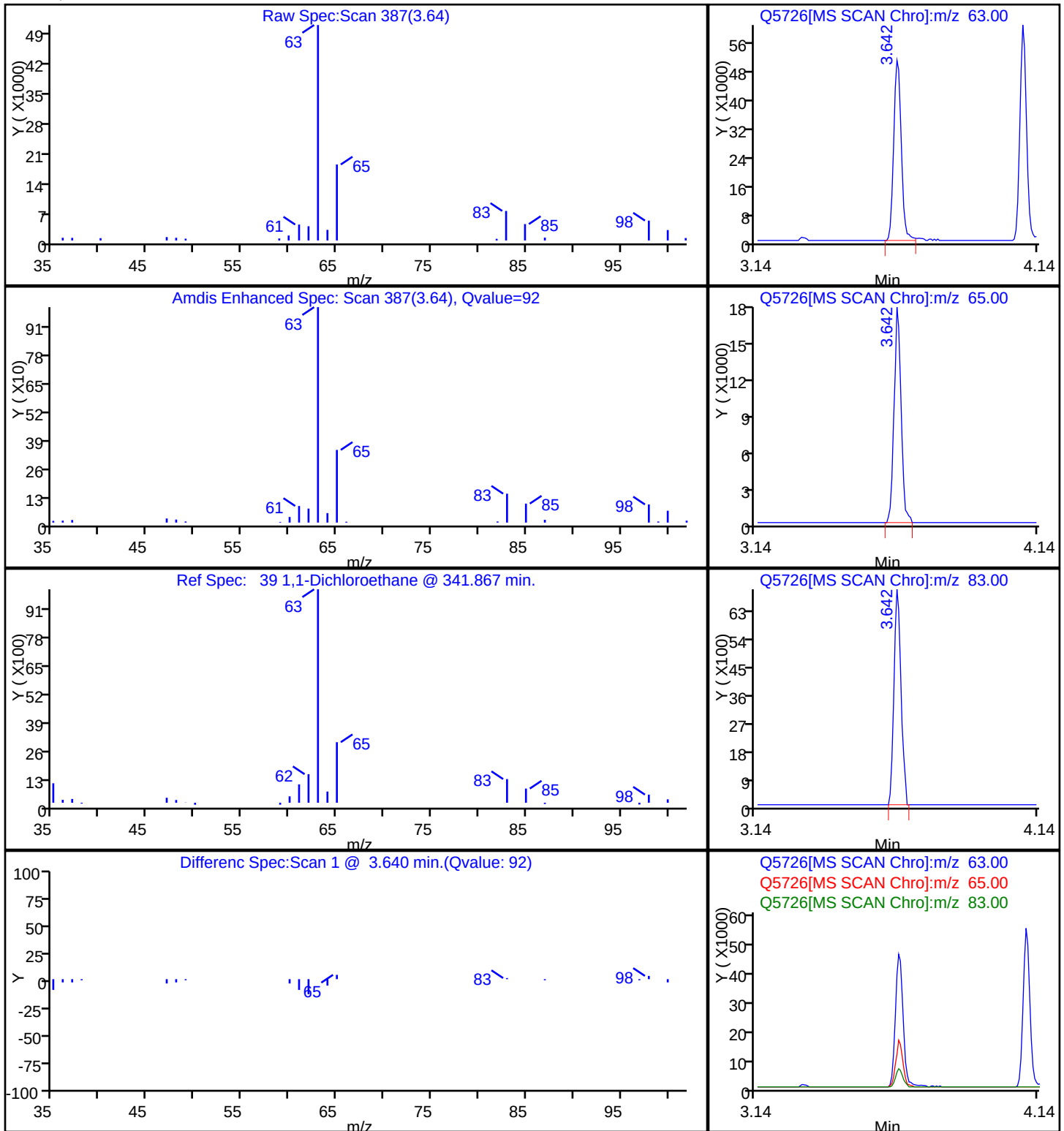
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

39 1,1-Dichloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5726.D

Injection Date: 23-Jan-2013 18:33:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 18

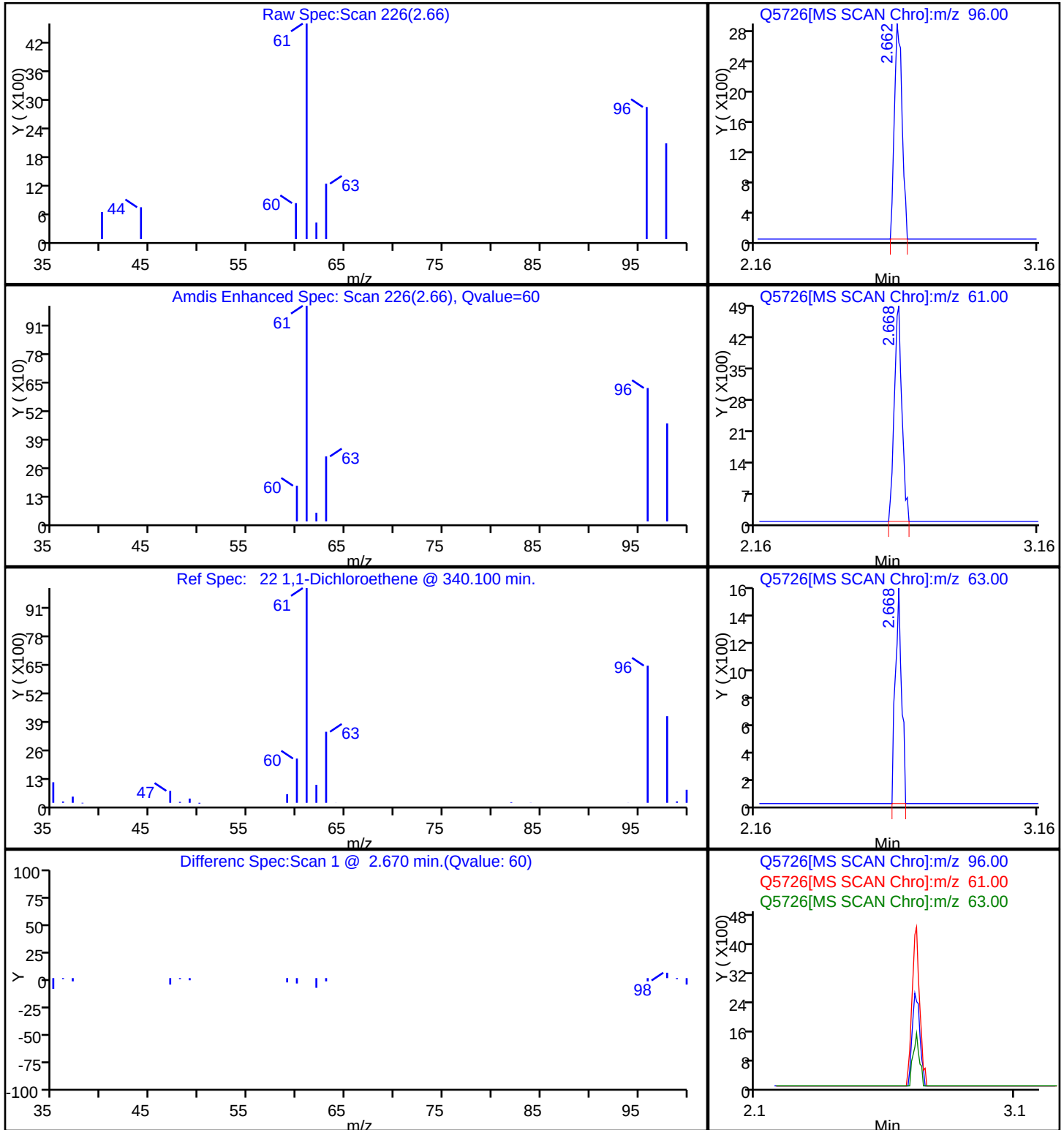
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

22 1,1-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5726.D

Injection Date: 23-Jan-2013 18:33:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 18

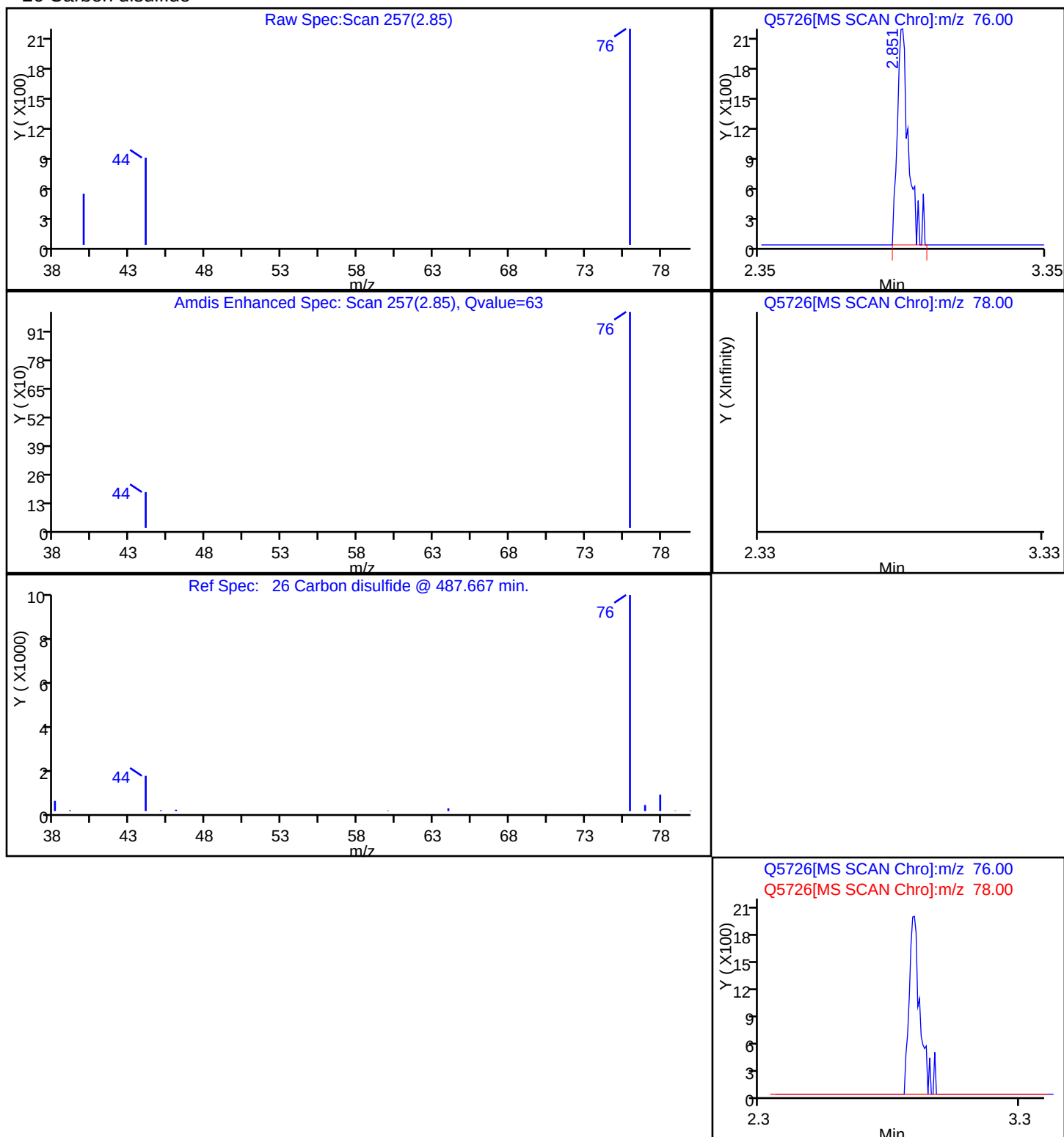
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

26 Carbon disulfide



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5726.D

Injection Date: 23-Jan-2013 18:33:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 18

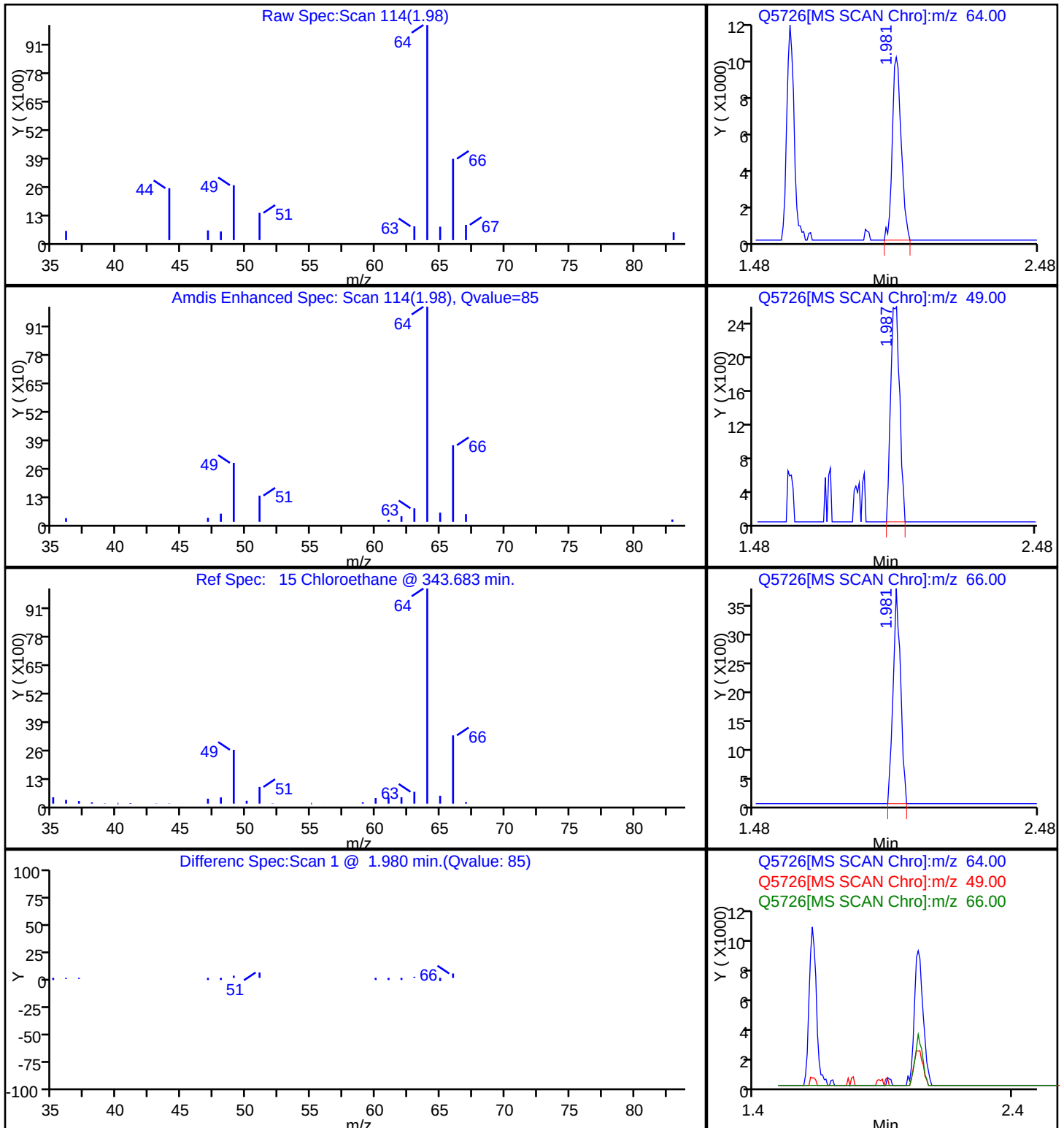
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

15 Chloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5726.D

Injection Date: 23-Jan-2013 18:33:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 18

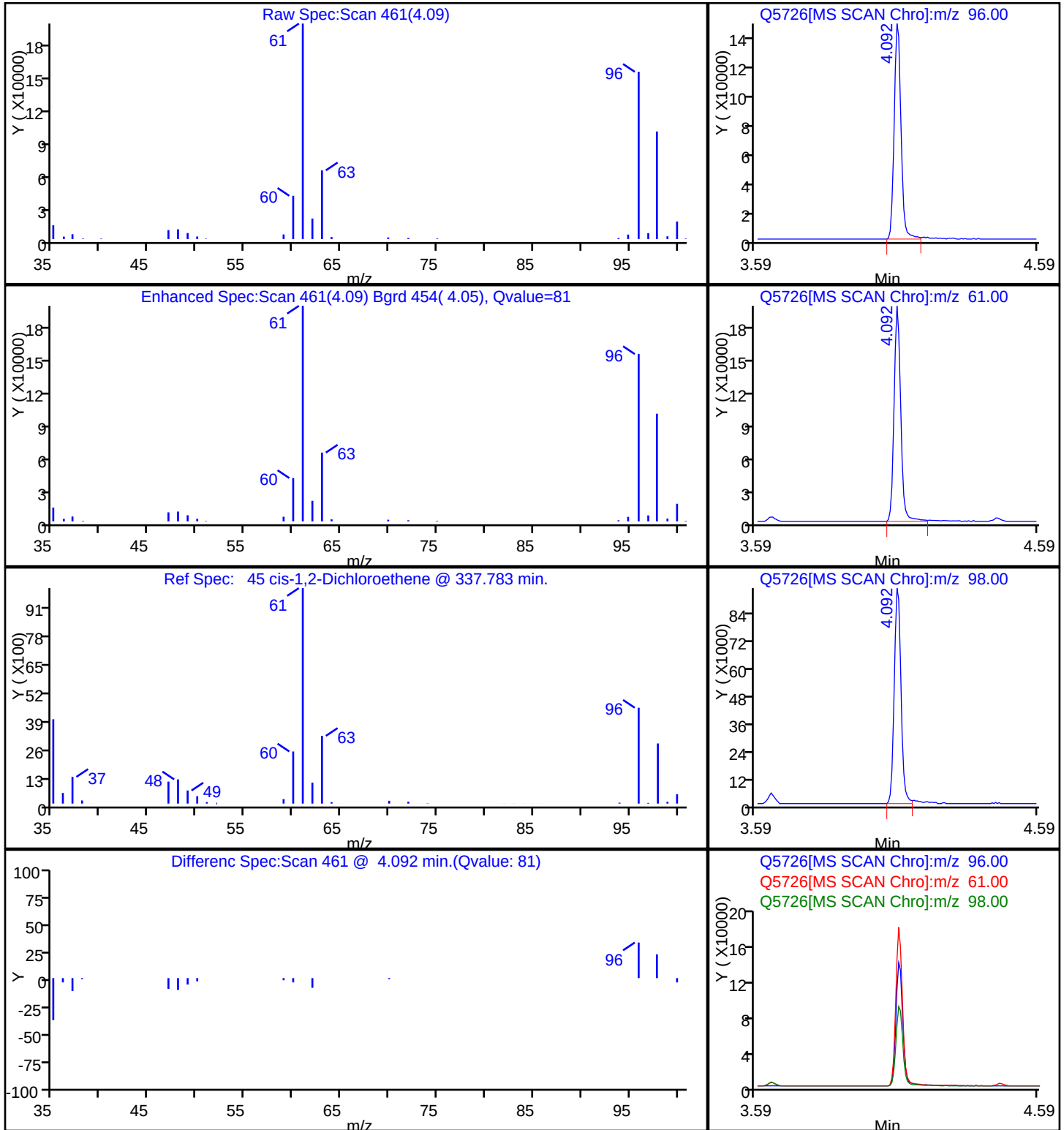
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5726.D

Injection Date: 23-Jan-2013 18:33:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 18

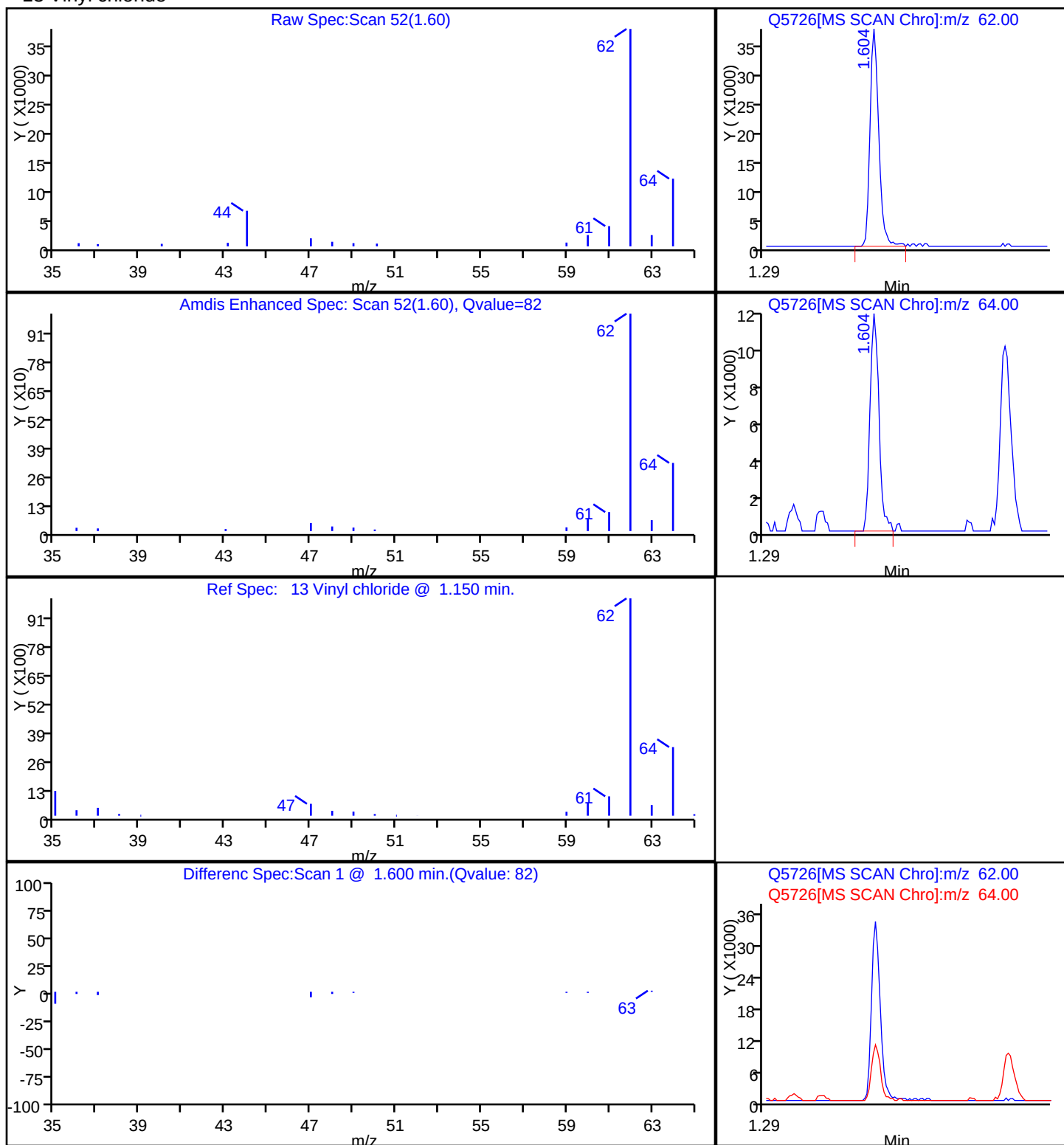
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: MW-12 Lab Sample ID: 480-31886-4
 Matrix: Ground Water Lab File ID: Q5727.D
 Analysis Method: 8260B Date Collected: 01/21/2013 12:05
 Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 19:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100709 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	0.31	J	1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	1.1		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	38		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: MW-12 Lab Sample ID: 480-31886-4
 Matrix: Ground Water Lab File ID: Q5727.D
 Analysis Method: 8260B Date Collected: 01/21/2013 12:05
 Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 19:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100709 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)	70		66-137
460-00-4	4-Bromofluorobenzene (Surr)	85		73-120
2037-26-5	Toluene-d8 (Surr)	88		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5727.D
 Lims ID: 480-31886-A-4 Client ID: MW-12
 Inject. Date: 23-Jan-2013 19:01:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-31886-A-4
 Misc. Info.: 480-0018476-019
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 17
 Lims Batch ID: 100709 Lims Sample ID: 19
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q-8260.m
 Last Update: 23-Jan-2013 20:32:56 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK019

First Level Reviewer: cwiklinc

Date: 23-Jan-2013 20:32:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.011	5.011	0.0	93	739129	25.0	
* 2 Chlorobenzene-d5	82	7.201	7.201	0.0	82	348561	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.063	9.063	0.001	94	338561	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.701	4.701	0.0	98	90370	17.6	
\$ 5 Toluene-d8 (Surr)	98	6.094	6.094	0.0	93	809547	22.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.132	8.132	0.0	95	273679	21.2	
10 Dichlorodifluoromethane	85		1.361					
12 Chloromethane	50		1.507					9
13 Vinyl chloride	62		1.604					
14 Bromomethane	94		1.878					
15 Chloroethane	64	1.976	1.957	0.019	99	94762	37.6	
17 Trichlorofluoromethane	101		2.182					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96		2.657					
23 Acetone	43		2.754					
26 Carbon disulfide	76		2.833					
27 Methyl acetate	43		3.009					
30 Methylene Chloride	84		3.095					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.295					
39 1,1-Dichloroethane	63		3.636					
45 cis-1,2-Dichloroethene	96		4.092					
43 2-Butanone (MEK)	43		4.104					9
50 Chloroform	83		4.336					
51 1,1,1-Trichloroethane	97		4.445					
52 Cyclohexane	56		4.469					9
55 Carbon tetrachloride	117		4.567					
57 Benzene	78	4.725	4.725	0.0	88	43490	1.13	
58 1,2-Dichloroethane	62	4.762	4.755	0.007	24	3957	0.3071	
62 Trichloroethene	95		5.199					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
64 Methylcyclohexane	83		5.315					
65 1,2-Dichloropropane	63		5.376					9
68 Dichlorobromomethane	83		5.589					
72 cis-1,3-Dichloropropene	75		5.905					
73 4-Methyl-2-pentanone (MIBK)	43		6.009					9
74 Toluene	92		6.142					9
77 trans-1,3-Dichloropropene	75		6.325					
79 1,1,2-Trichloroethane	83		6.471					
81 Tetrachloroethene	166		6.556					
80 2-Hexanone	43		6.635					
83 Chlorodibromomethane	129		6.775					
84 Ethylene Dibromide	107		6.860					
87 Chlorobenzene	112		7.225					
88 Ethylbenzene	91		7.292					9
90 m-Xylene & p-Xylene	106		7.383					9
91 o-Xylene	106		7.700					
92 Styrene	104		7.718					
95 Bromoform	173		7.894					
94 Isopropylbenzene	105		7.986					
97 1,1,2,2-Tetrachloroethane	83		8.259					
111 1,3-Dichlorobenzene	146		9.008					
113 1,4-Dichlorobenzene	146		9.087					
116 1,2-Dichlorobenzene	146		9.391					
117 1,2-Dibromo-3-Chloropropane	75		10.048					
119 1,2,4-Trichlorobenzene	180		10.717					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

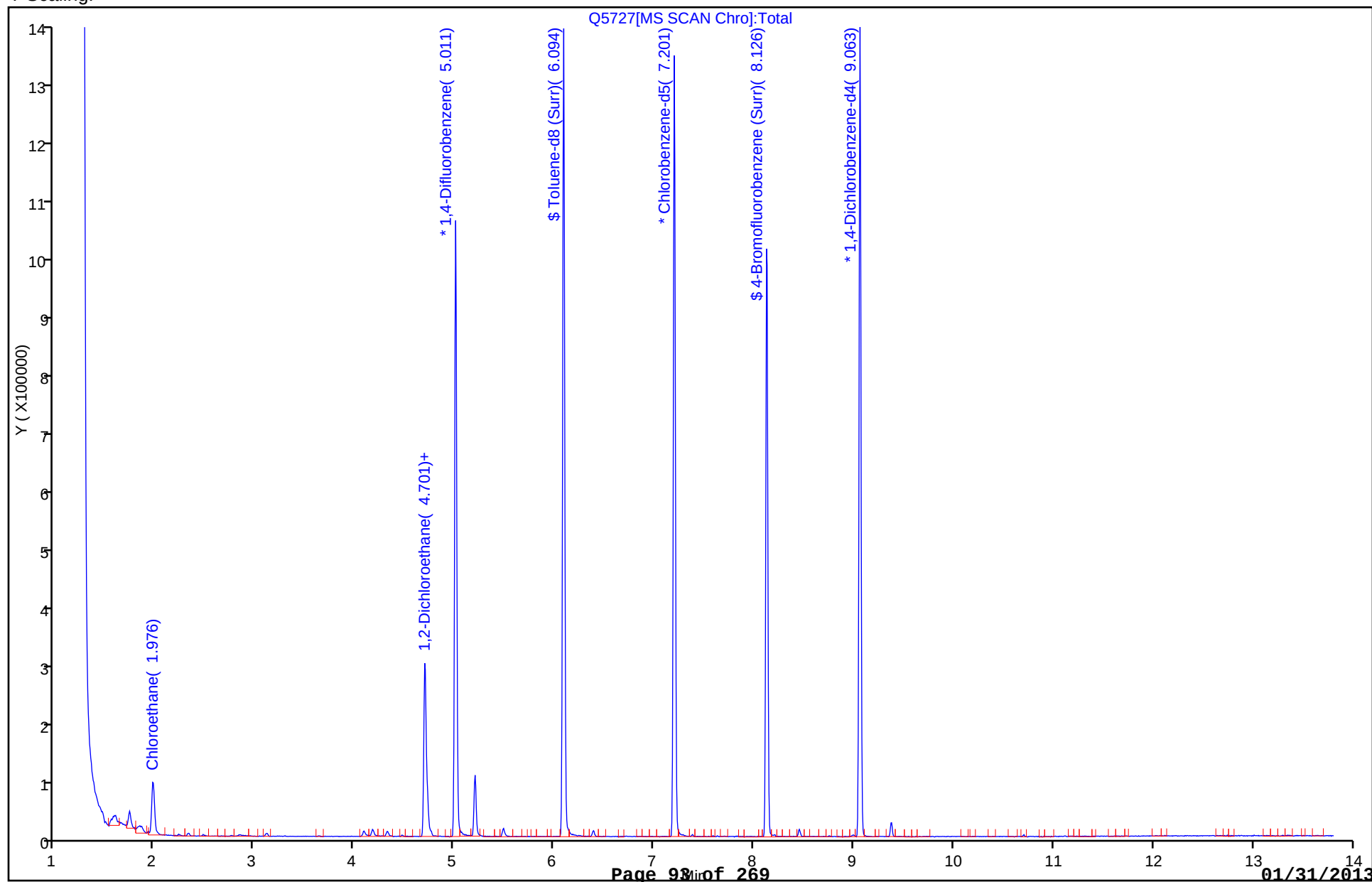
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5727.D
Injection Date: 23-Jan-2013 19:01:30 Limit Group: MV - 8260B ICAL
Client ID: MW-12 Instrument ID: HP5973Q
Lims Batch ID: 100709 Lims Sample ID: 19
Operator ID: jmb Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5727.D

Injection Date: 23-Jan-2013 19:01:30

Limit Group: MV - 8260B ICAL

Client ID: MW-12

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 19

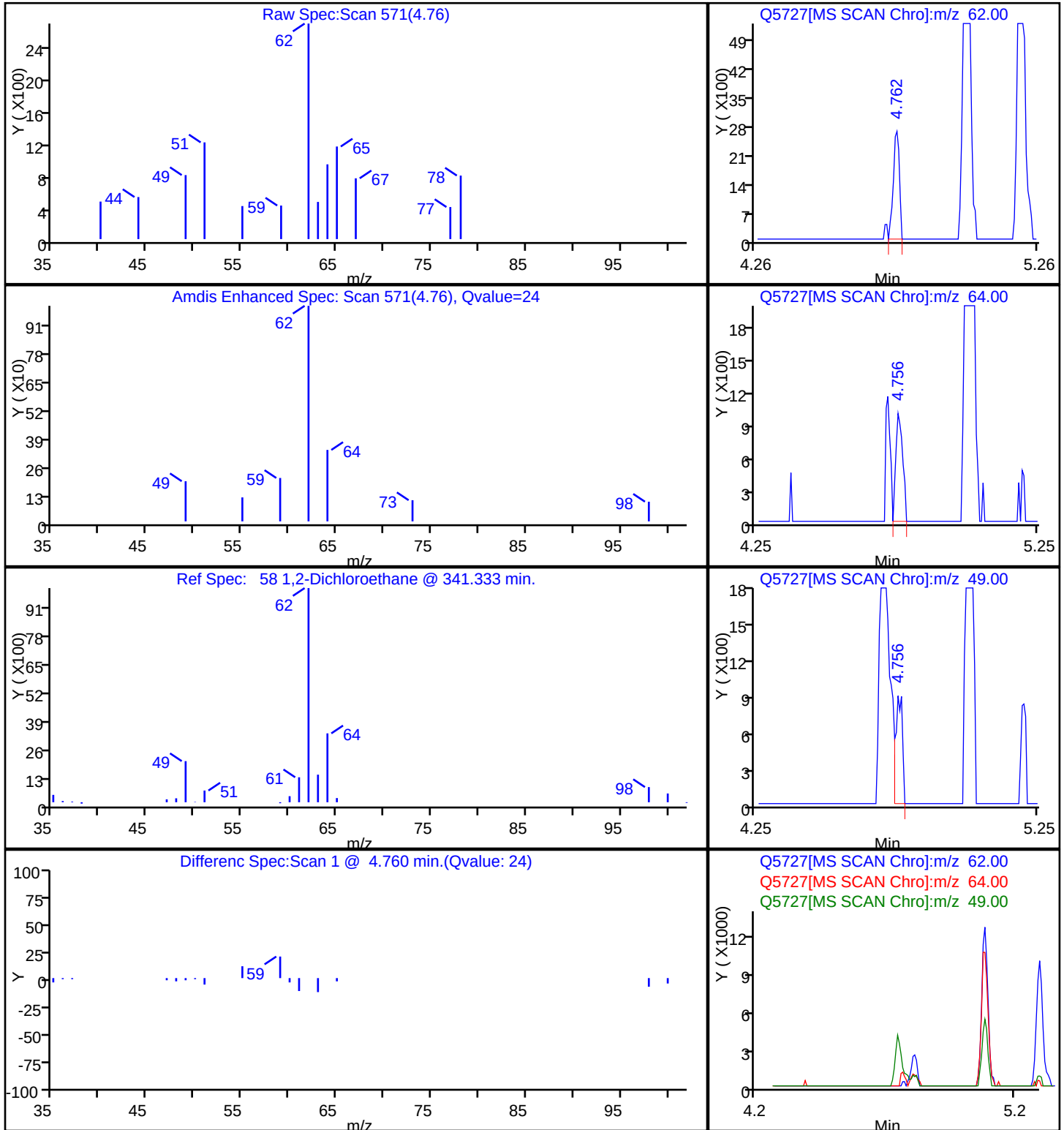
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

58 1,2-Dichloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5727.D

Injection Date: 23-Jan-2013 19:01:30

Limit Group: MV - 8260B ICAL

Client ID: MW-12

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 19

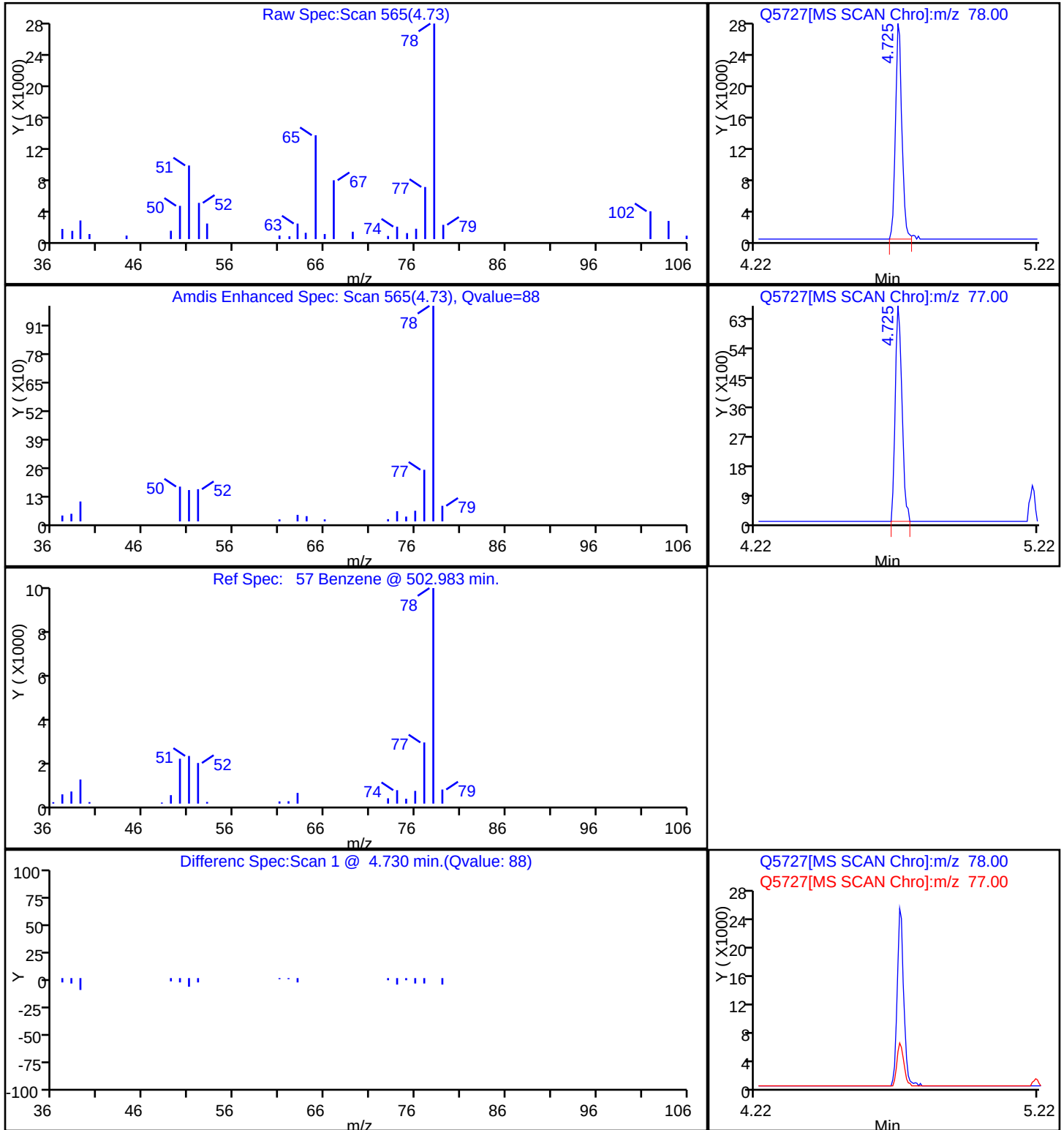
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

57 Benzene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5727.D

Injection Date: 23-Jan-2013 19:01:30

Limit Group: MV - 8260B ICAL

Client ID: MW-12

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 19

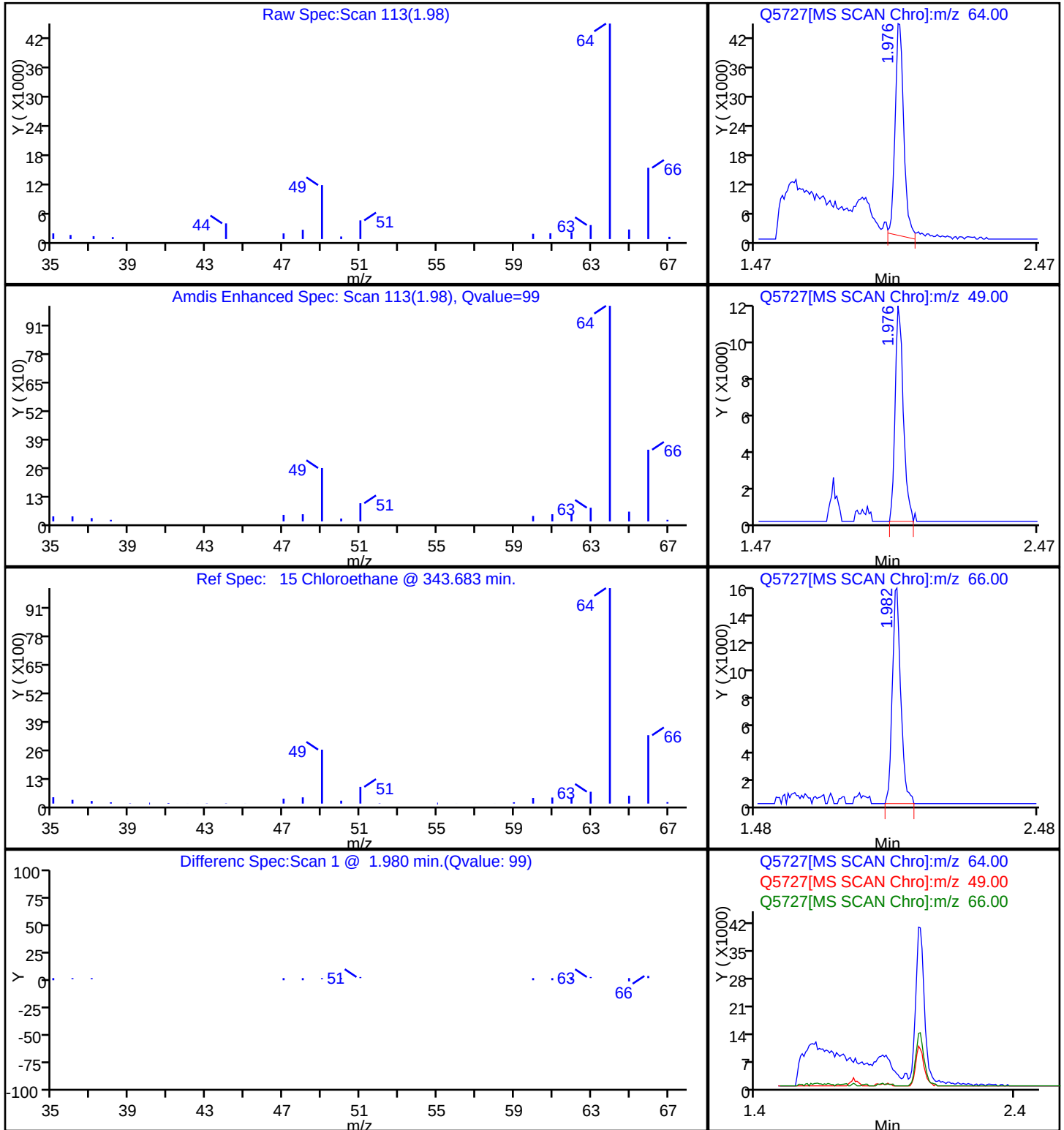
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

15 Chloroethane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Client Sample ID: MW-16S Lab Sample ID: 480-31886-5

Matrix: Ground Water Lab File ID: Q5728.D

Analysis Method: 8260B Date Collected: 01/21/2013 15:40

Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 19:28

Soil Aliquot Vol: _____ Dilution Factor: 800

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100709 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	7200		800	660
79-34-5	1,1,2,2-Tetrachloroethane	ND		800	170
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250
79-00-5	1,1,2-Trichloroethane	ND		800	180
75-34-3	1,1-Dichloroethane	2200		800	300
75-35-4	1,1-Dichloroethene	2400		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
78-93-3	2-Butanone (MEK)	ND		8000	1100
591-78-6	2-Hexanone	ND		4000	990
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
75-00-3	Chloroethane	2900		800	260
67-66-3	Chloroform	ND		800	270
74-87-3	Chloromethane	ND		800	280
156-59-2	cis-1,2-Dichloroethene	130000	E	800	650
10061-01-5	cis-1,3-Dichloropropene	ND		800	290
110-82-7	Cyclohexane	ND		800	140
124-48-1	Dibromochloromethane	ND		800	260
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.: 480-31886-1
 SDG No.: _____
 Client Sample ID: MW-16S Lab Sample ID: 480-31886-5
 Matrix: Ground Water Lab File ID: Q5728.D
 Analysis Method: 8260B Date Collected: 01/21/2013 15:40
 Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 19:28
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100709 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	560	J	800	290
108-88-3	Toluene	1100		800	410
156-60-5	trans-1,2-Dichloroethene	820		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	620000	E	800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	9300		800	720
1330-20-7	Xylenes, Total	ND		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	71		66-137
460-00-4	4-Bromofluorobenzene (Surr)	85		73-120
2037-26-5	Toluene-d8 (Surr)	89		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D
 Lims ID: 480-31886-A-5 Client ID: MW-16S
 Inject. Date: 23-Jan-2013 19:28:30 Dil. Factor: 800.0000
 Sample Type: Client
 Sample ID: 480-31886-A-5
 Misc. Info.: 480-0018476-020
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 18
 Lims Batch ID: 100709 Lims Sample ID: 20
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q-8260.m
 Last Update: 23-Jan-2013 20:32:56 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK019

First Level Reviewer: cwiklinc

Date: 23-Jan-2013 20:34:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.011	5.011	0.0	93	733977	25.0	
* 2 Chlorobenzene-d5	82	7.201	7.201	0.0	84	342710	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.063	9.063	0.001	95	334893	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.707	4.701	0.006	90	90240	17.7	
\$ 5 Toluene-d8 (Surr)	98	6.094	6.094	0.0	92	798260	22.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.132	8.132	0.0	95	270163	21.3	
10 Dichlorodifluoromethane	85		1.361					
12 Chloromethane	50		1.507					9
13 Vinyl chloride	62	1.604	1.604	0.0	83	127244	11.6	
14 Bromomethane	94		1.878					
15 Chloroethane	64	1.981	1.957	0.024	64	10363	3.65	
17 Trichlorofluoromethane	101		2.182					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96	2.663	2.657	0.006	93	24785	2.96	
23 Acetone	43		2.754					
26 Carbon disulfide	76		2.833					9
27 Methyl acetate	43		3.009					
30 Methylene Chloride	84		3.095					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96	3.308	3.295	0.013	86	9939	1.02	
39 1,1-Dichloroethane	63	3.648	3.636	0.012	87	47709	2.80	
45 cis-1,2-Dichloroethene	96	4.092	4.092	0.0	84	1797265	164.2	E
43 2-Butanone (MEK)	43		4.104					
50 Chloroform	83		4.336					9
51 1,1,1-Trichloroethane	97	4.451	4.445	0.006	89	132984	8.97	
52 Cyclohexane	56		4.469					
55 Carbon tetrachloride	117		4.567					9
57 Benzene	78		4.725					9
58 1,2-Dichloroethane	62		4.755					
62 Trichloroethene	95	5.206	5.199	0.007	92	7780972	780.9	E

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
64 Methylcyclohexane	83		5.315					9
65 1,2-Dichloropropane	63		5.376					9
68 Dichlorobromomethane	83		5.589					
72 cis-1,3-Dichloropropene	75		5.905					
73 4-Methyl-2-pentanone (MIBK)	43		6.009					9
74 Toluene	92	6.142	6.142	0.0	91	34453	1.32	
77 trans-1,3-Dichloropropene	75		6.325					
79 1,1,2-Trichloroethane	83		6.471					
81 Tetrachloroethene	166	6.556	6.556	0.0	86	8406	0.6995	
80 2-Hexanone	43		6.635					
83 Chlorodibromomethane	129		6.775					
84 Ethylene Dibromide	107		6.860					
87 Chlorobenzene	112		7.225					
88 Ethylbenzene	91		7.292					9
90 m-Xylene & p-Xylene	106		7.383					9
91 o-Xylene	106		7.700					
92 Styrene	104		7.718					
95 Bromoform	173		7.894					
94 Isopropylbenzene	105		7.986					
97 1,1,2,2-Tetrachloroethane	83		8.259					
111 1,3-Dichlorobenzene	146		9.008					
113 1,4-Dichlorobenzene	146		9.087					
116 1,2-Dichlorobenzene	146		9.391					
117 1,2-Dibromo-3-Chloropropane	75		10.048					
119 1,2,4-Trichlorobenzene	180		10.717					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

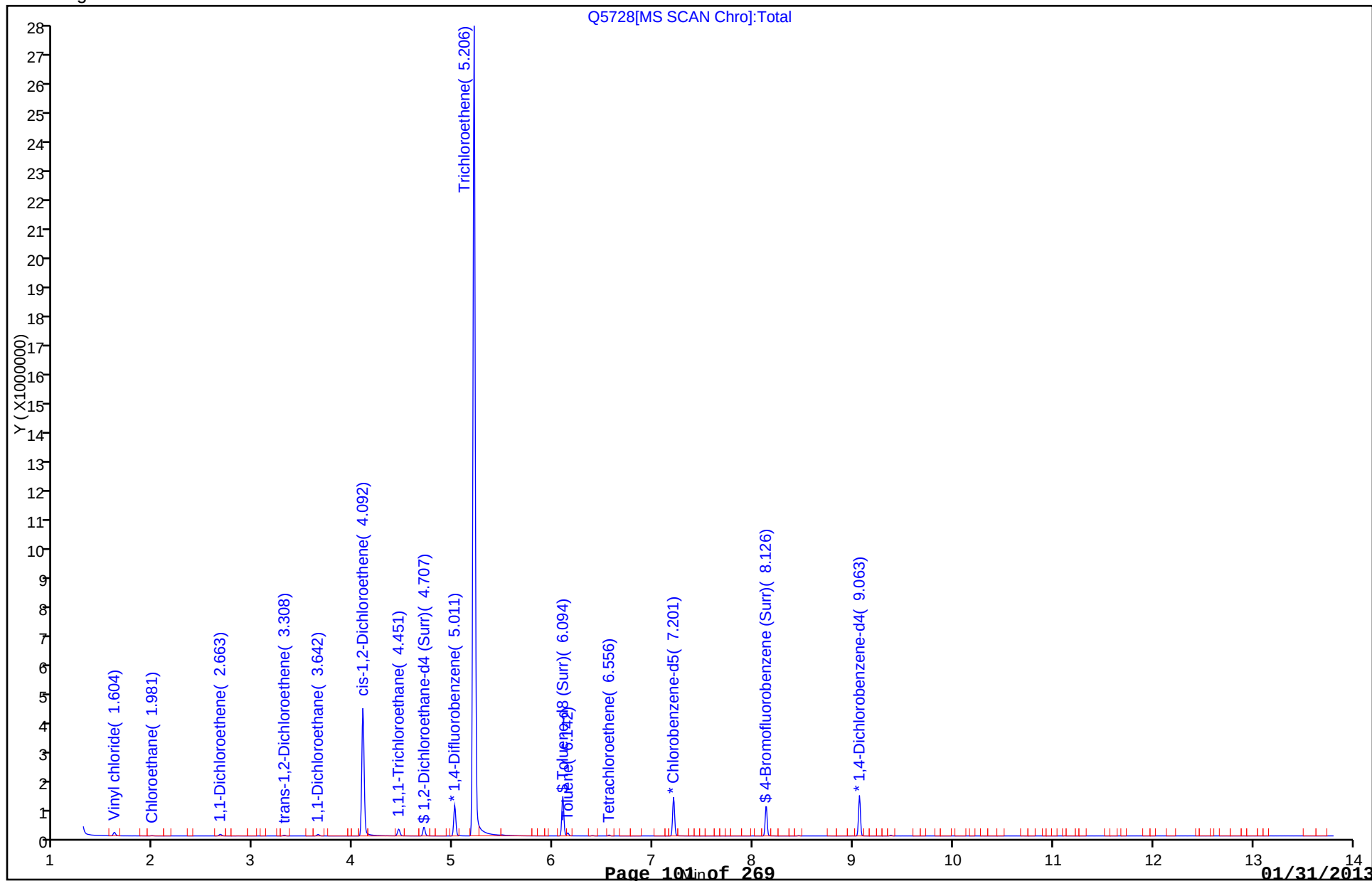
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D
Injection Date: 23-Jan-2013 19:28:30 Limit Group: MV - 8260B ICAL
Client ID: MW-16S Instrument ID: HP5973Q
Lims Batch ID: 100709 Lims Sample ID: 20
Operator ID: jmb Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D

Injection Date: 23-Jan-2013 19:28:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 20

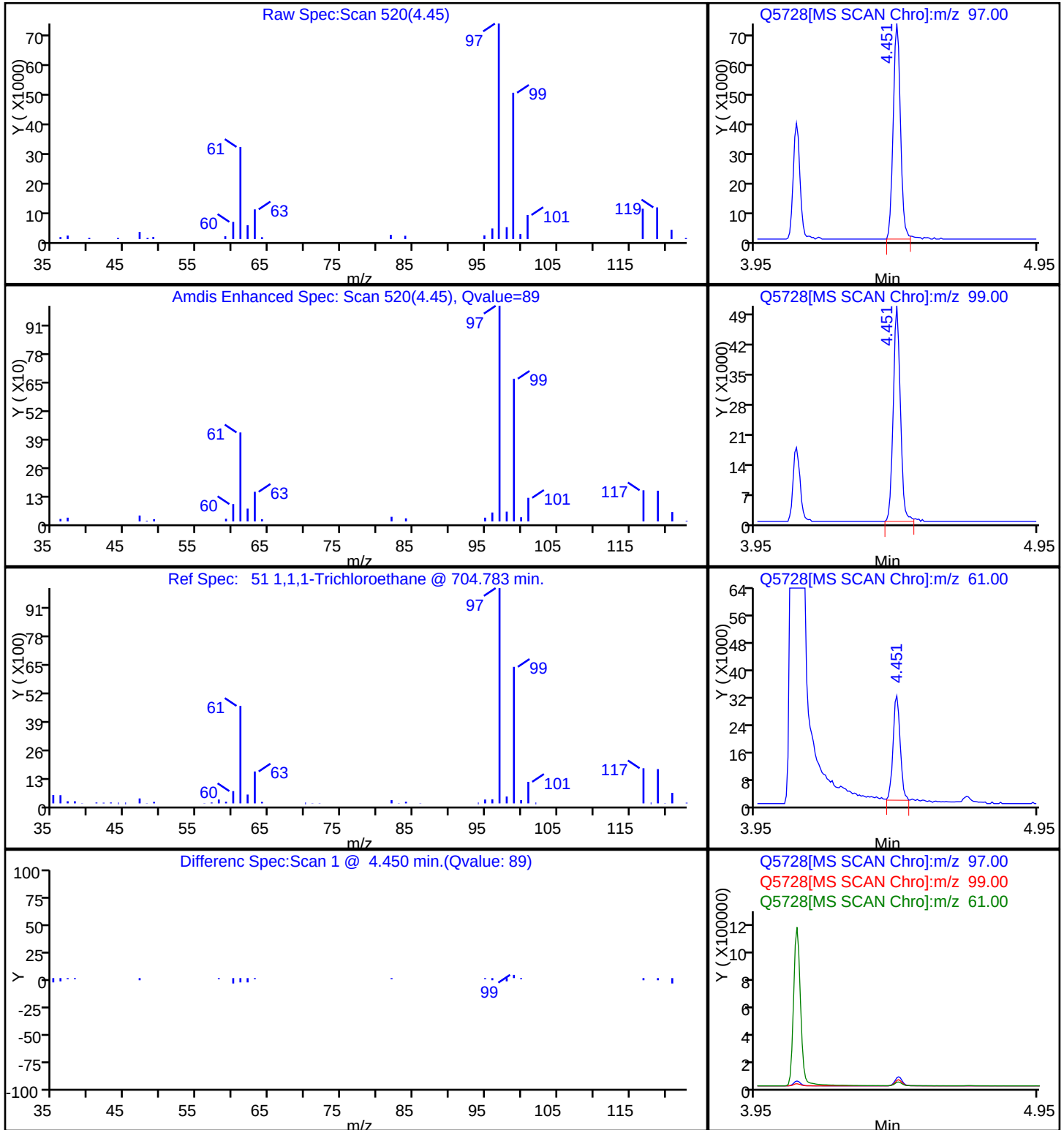
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

51 1,1,1-Trichloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D

Injection Date: 23-Jan-2013 19:28:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 20

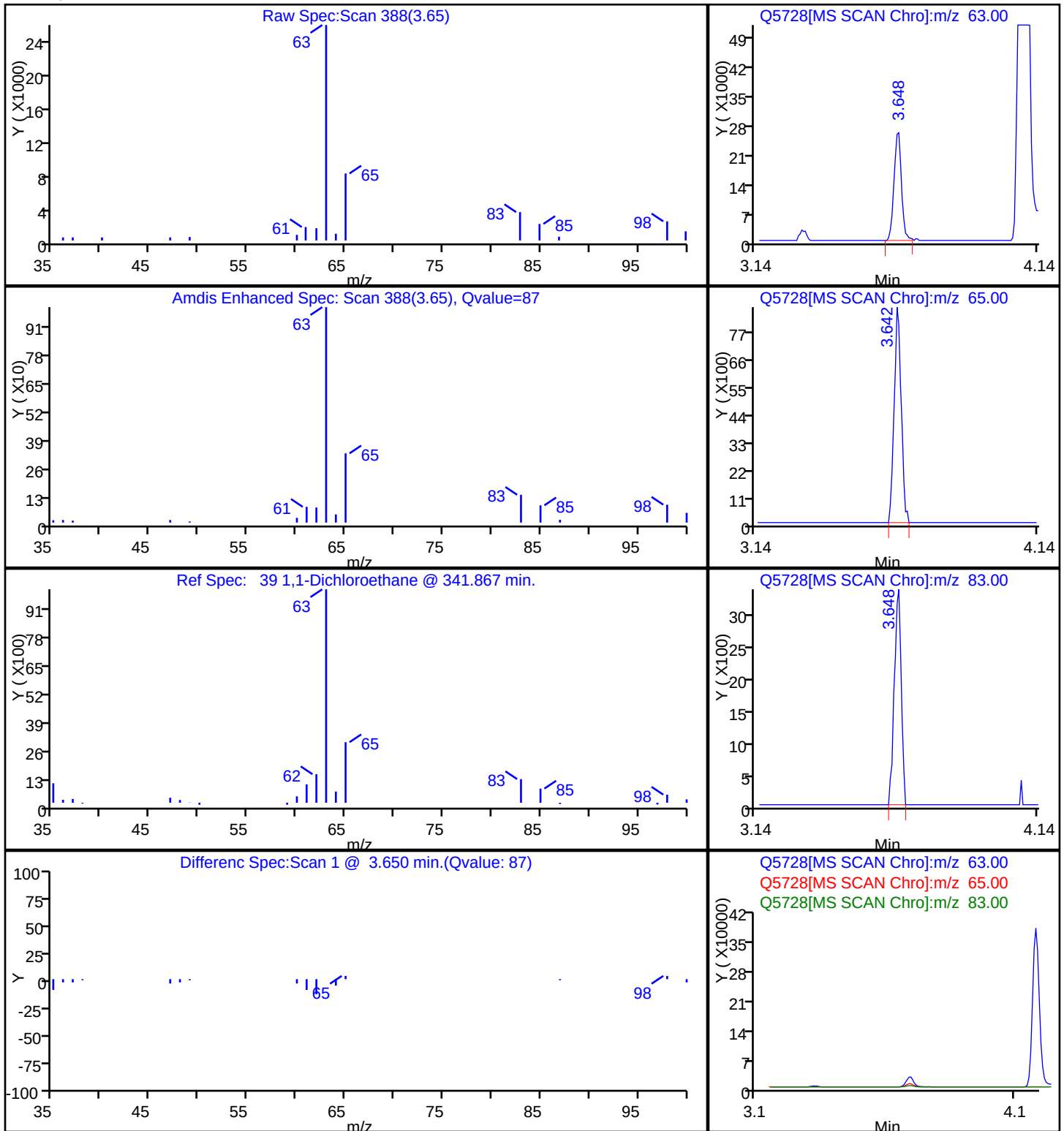
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

39 1,1-Dichloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D

Injection Date: 23-Jan-2013 19:28:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 20

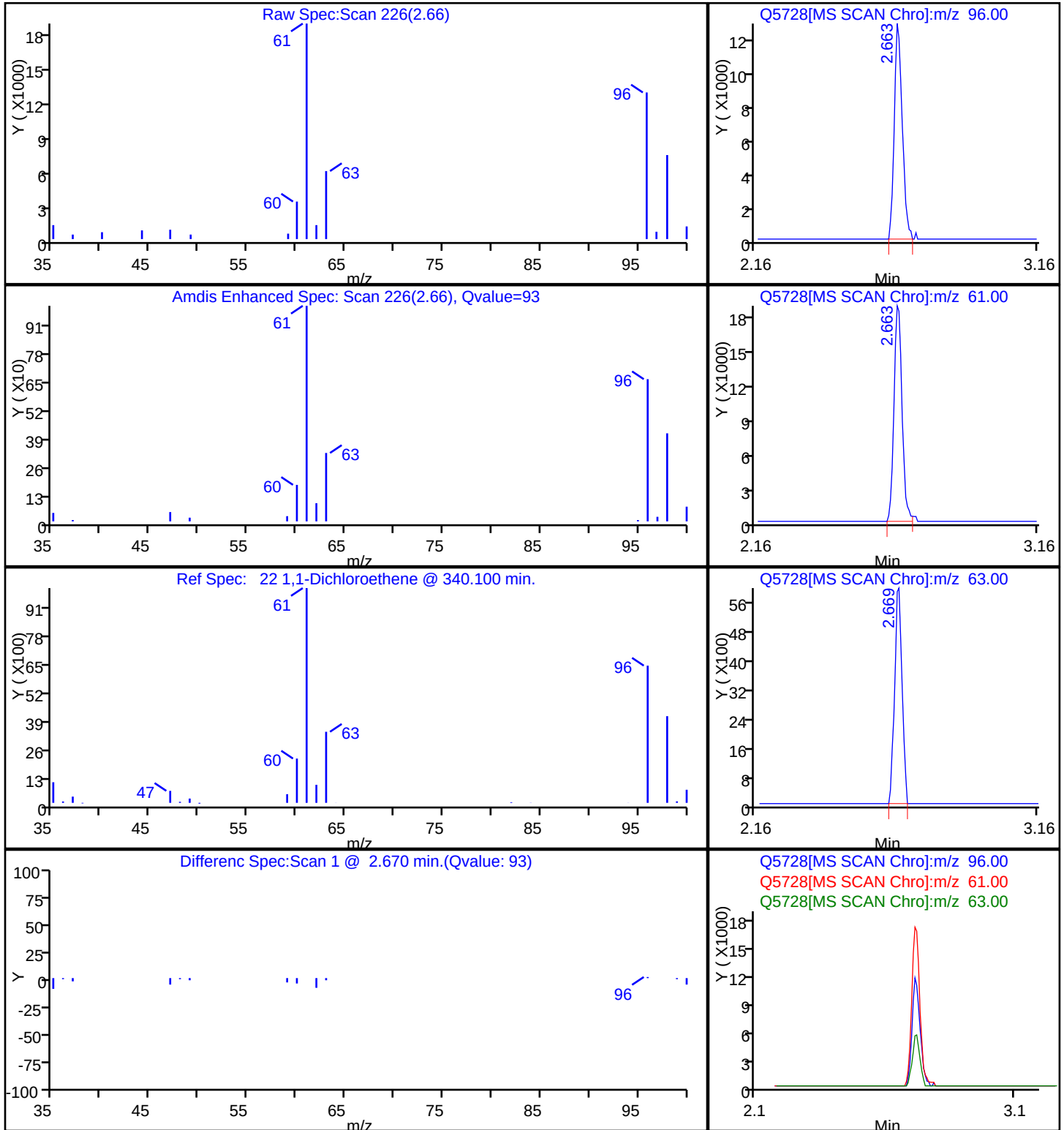
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

22 1,1-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D

Injection Date: 23-Jan-2013 19:28:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 20

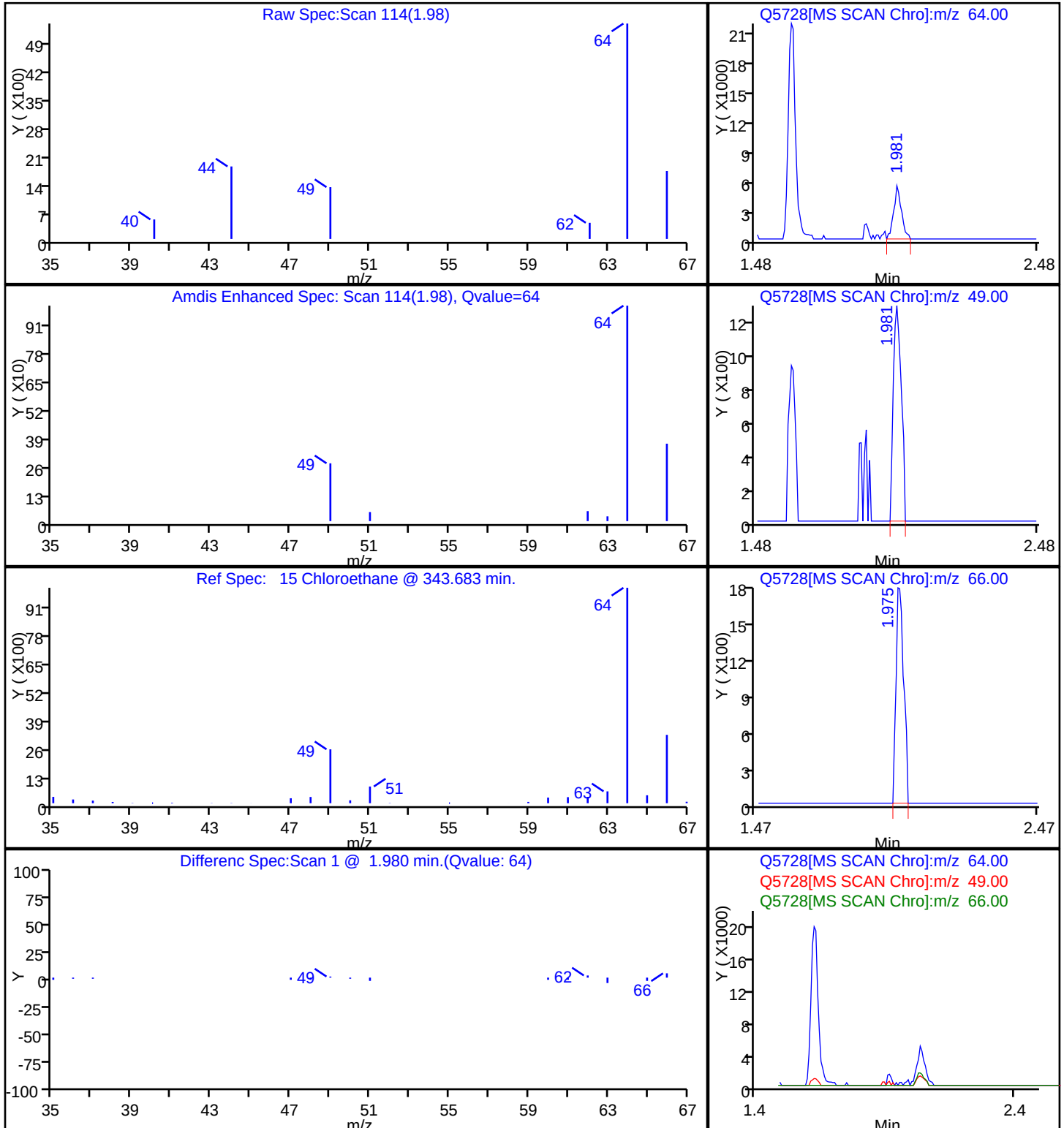
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

15 Chloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D

Injection Date: 23-Jan-2013 19:28:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 20

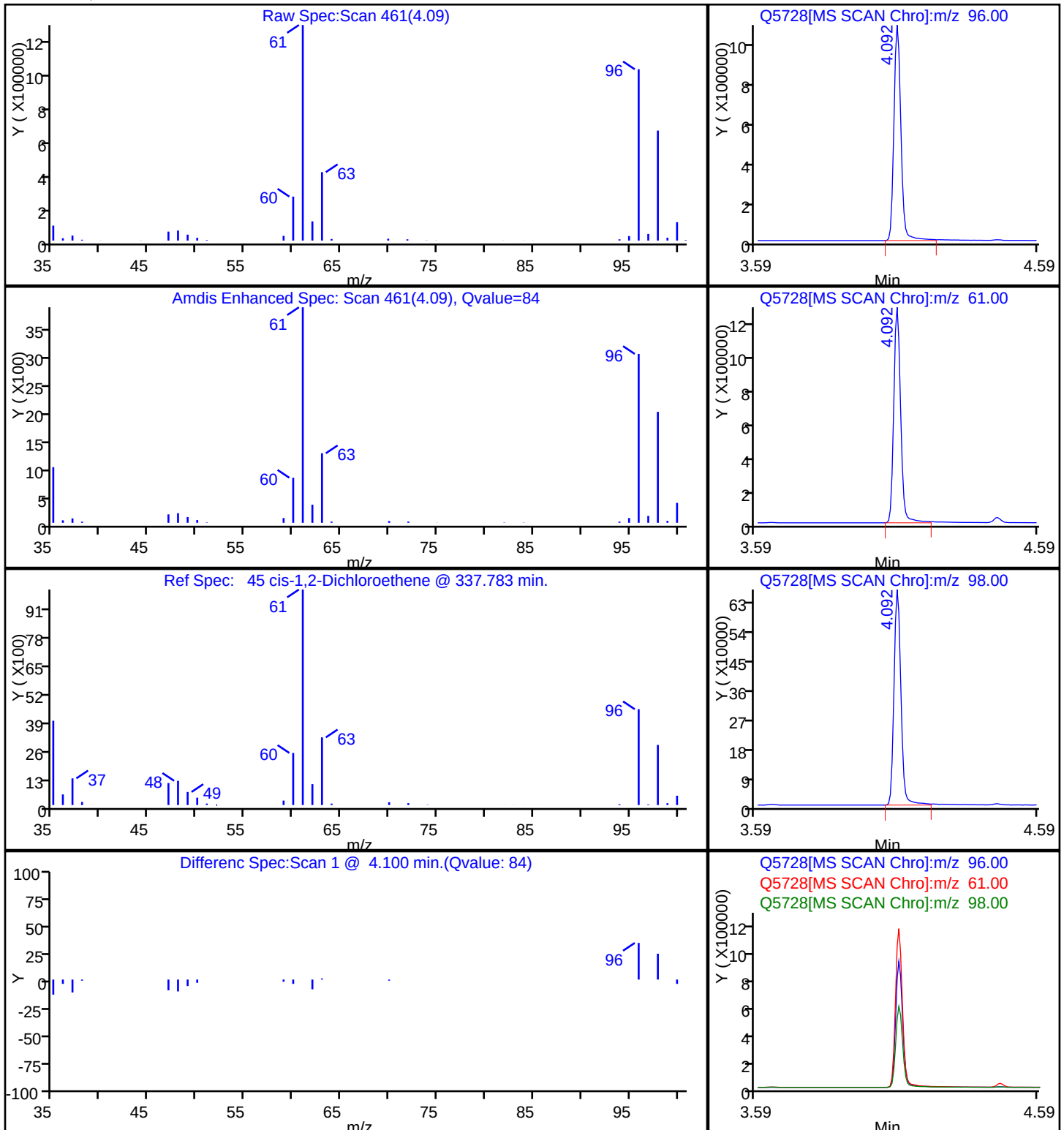
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D

Injection Date: 23-Jan-2013 19:28:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 20

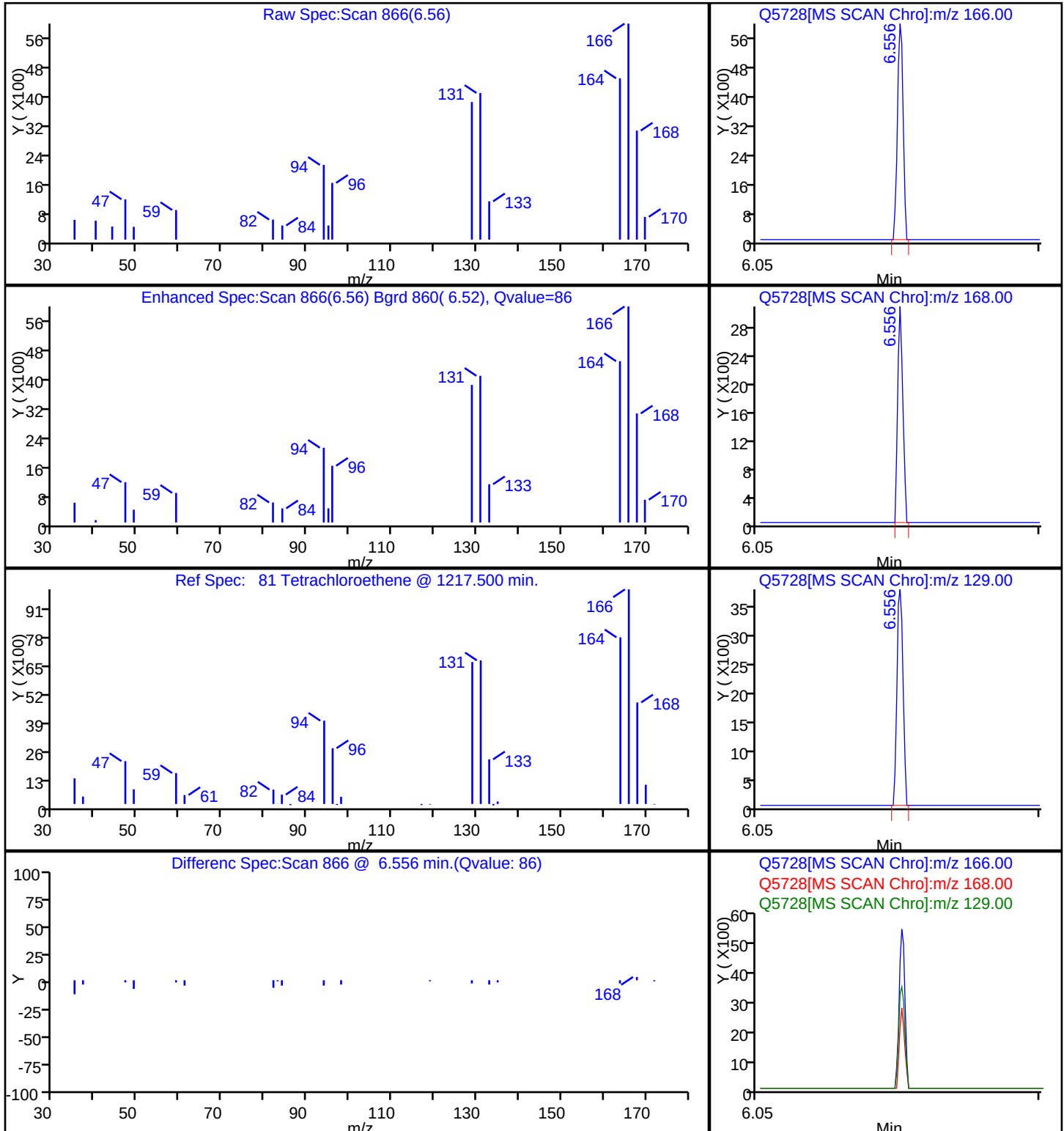
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

81 Tetrachloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D

Injection Date: 23-Jan-2013 19:28:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 20

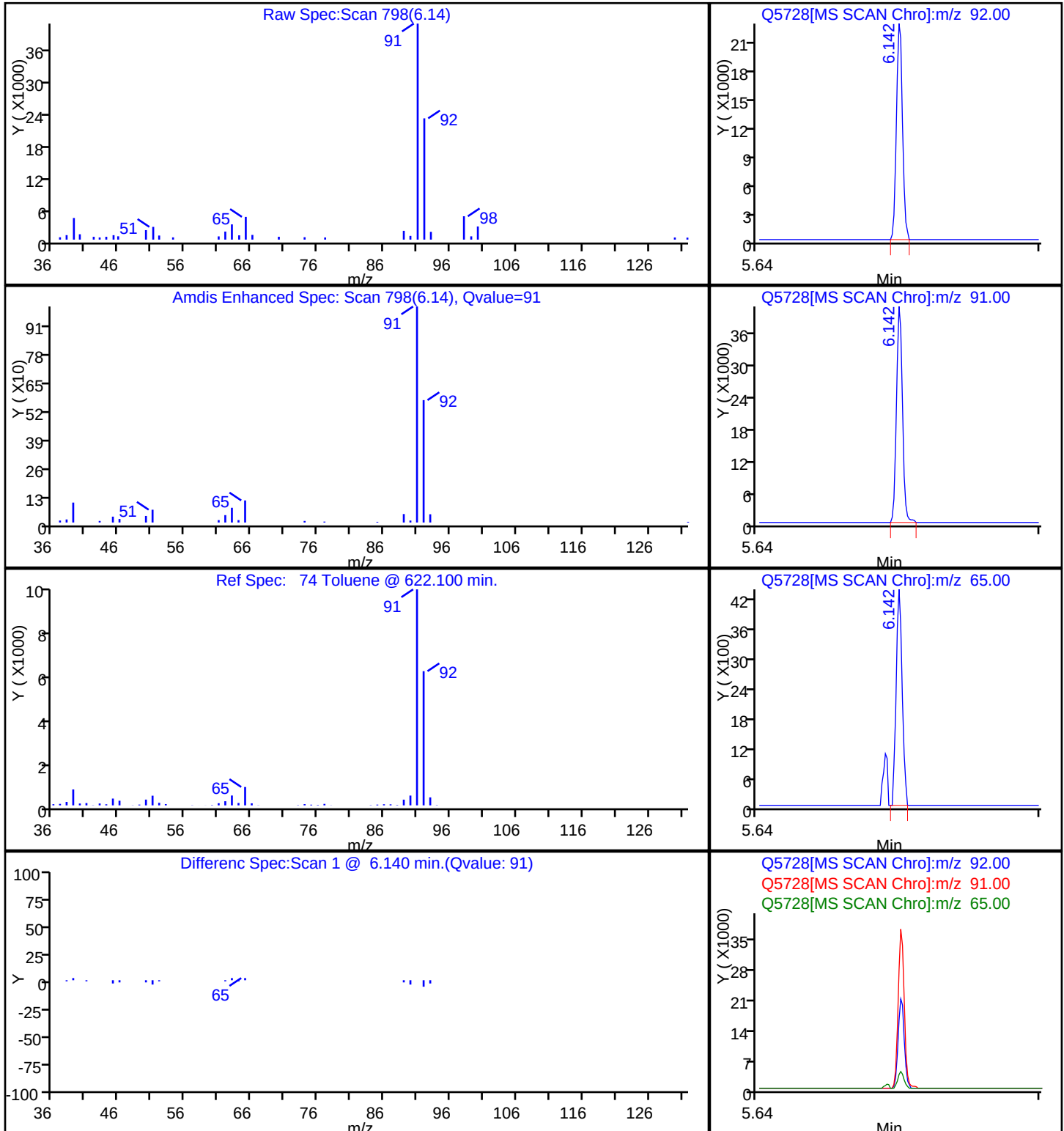
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

74 Toluene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D

Injection Date: 23-Jan-2013 19:28:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 20

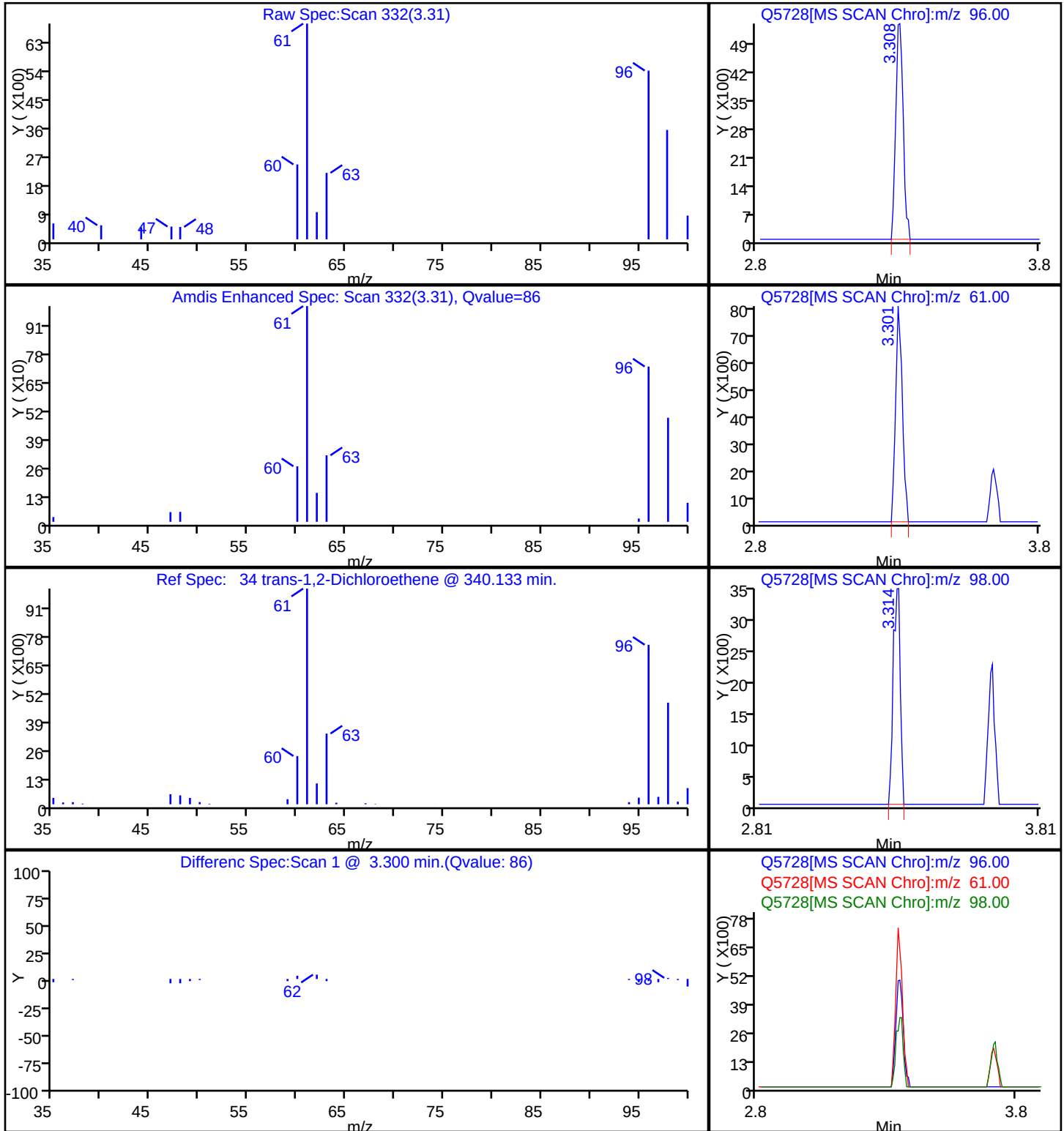
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

34 trans-1,2-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D

Injection Date: 23-Jan-2013 19:28:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 20

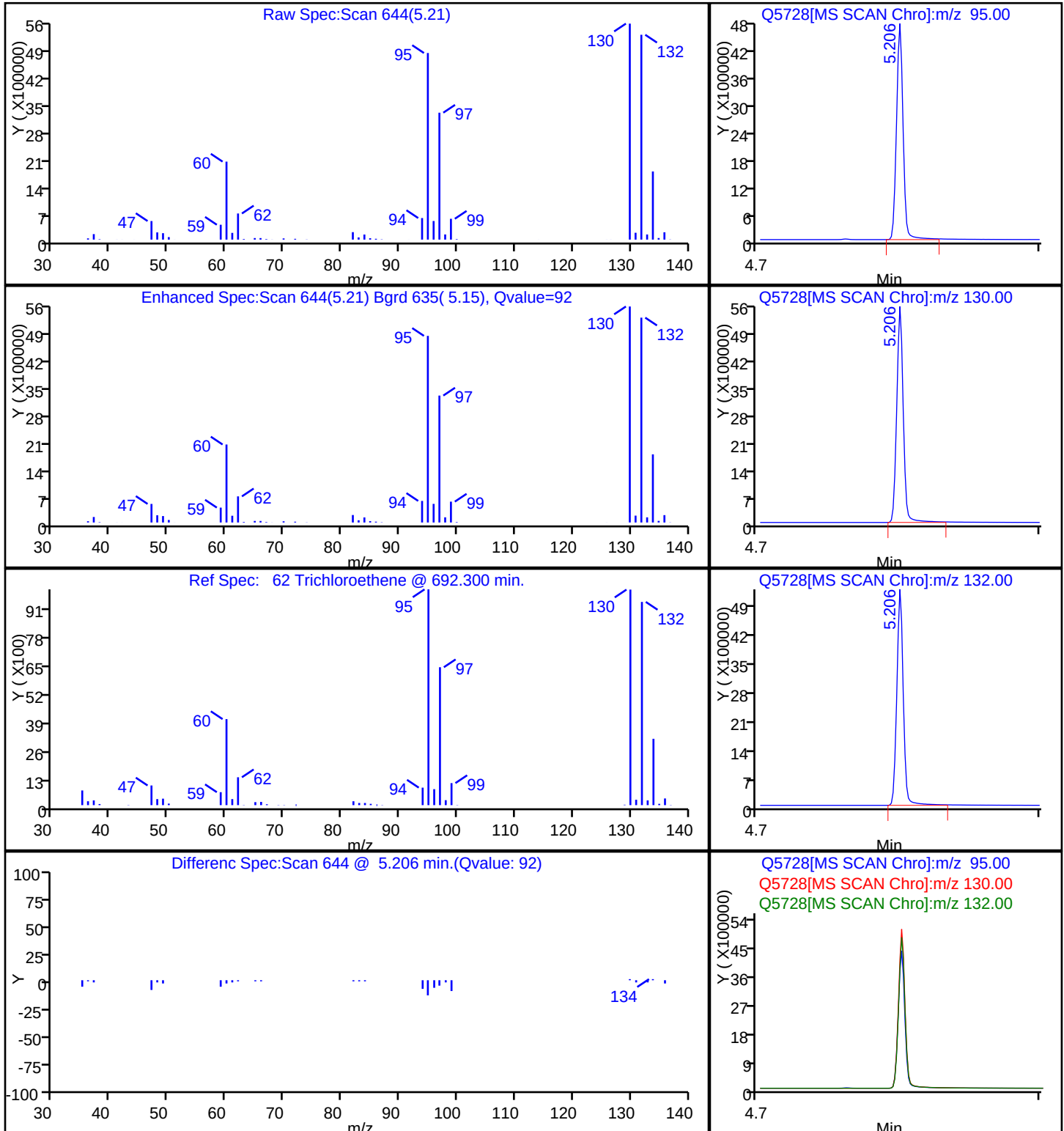
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

62 Trichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5728.D

Injection Date: 23-Jan-2013 19:28:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 20

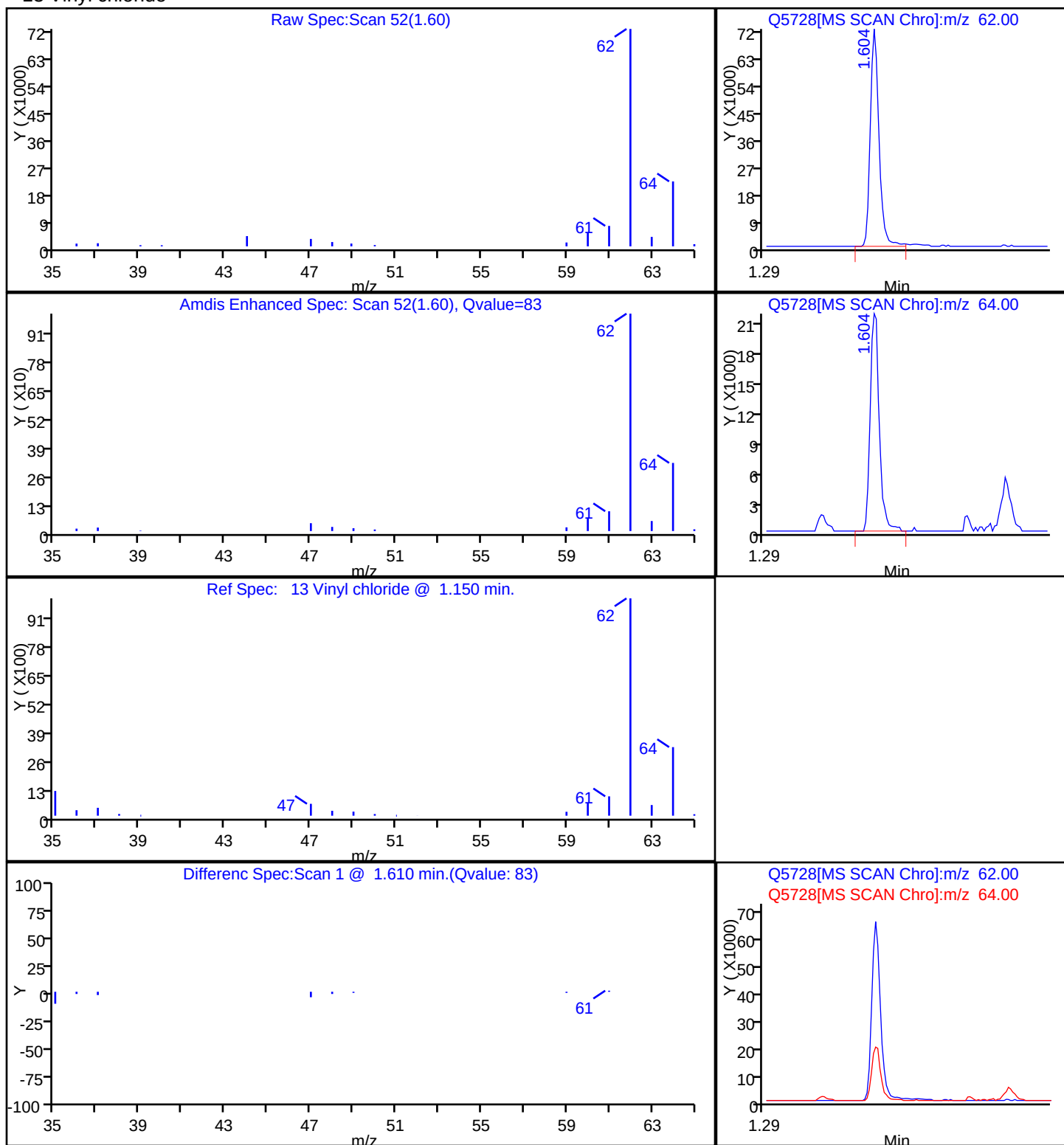
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Client Sample ID: MW-16S DL Lab Sample ID: 480-31886-5 DL

Matrix: Ground Water Lab File ID: Q5753.D

Analysis Method: 8260B Date Collected: 01/21/2013 15:40

Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 06:44

Soil Aliquot Vol: _____ Dilution Factor: 10000

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		10000	8200
79-34-5	1,1,2,2-Tetrachloroethane	ND		10000	2100
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10000	3100
79-00-5	1,1,2-Trichloroethane	ND		10000	2300
75-34-3	1,1-Dichloroethane	ND		10000	3800
75-35-4	1,1-Dichloroethene	ND		10000	2900
120-82-1	1,2,4-Trichlorobenzene	ND		10000	4100
96-12-8	1,2-Dibromo-3-Chloropropane	ND		10000	3900
106-93-4	1,2-Dibromoethane	ND		10000	7300
95-50-1	1,2-Dichlorobenzene	ND		10000	7900
107-06-2	1,2-Dichloroethane	ND		10000	2100
78-87-5	1,2-Dichloropropane	ND		10000	7200
541-73-1	1,3-Dichlorobenzene	ND		10000	7800
106-46-7	1,4-Dichlorobenzene	ND		10000	8400
78-93-3	2-Butanone (MEK)	ND		100000	13000
591-78-6	2-Hexanone	ND		50000	12000
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		50000	21000
67-64-1	Acetone	ND		100000	30000
71-43-2	Benzene	ND		10000	4100
75-27-4	Bromodichloromethane	ND		10000	3900
75-25-2	Bromoform	ND		10000	2600
74-83-9	Bromomethane	ND		10000	6900
75-15-0	Carbon disulfide	ND		10000	1900
56-23-5	Carbon tetrachloride	ND		10000	2700
108-90-7	Chlorobenzene	ND		10000	7500
75-00-3	Chloroethane	ND		10000	3200
67-66-3	Chloroform	ND		10000	3400
74-87-3	Chloromethane	ND		10000	3500
156-59-2	cis-1,2-Dichloroethene	79000		10000	8100
10061-01-5	cis-1,3-Dichloropropene	ND		10000	3600
110-82-7	Cyclohexane	ND		10000	1800
124-48-1	Dibromochloromethane	ND		10000	3200
75-71-8	Dichlorodifluoromethane	ND		10000	6800
100-41-4	Ethylbenzene	ND		10000	7400
98-82-8	Isopropylbenzene	ND		10000	7900

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Client Sample ID: MW-16S DL Lab Sample ID: 480-31886-5 DL

Matrix: Ground Water Lab File ID: Q5753.D

Analysis Method: 8260B Date Collected: 01/21/2013 15:40

Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 06:44

Soil Aliquot Vol: _____ Dilution Factor: 10000

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		10000	5000
1634-04-4	Methyl tert-butyl ether	ND		10000	1600
108-87-2	Methylcyclohexane	ND		10000	1600
75-09-2	Methylene Chloride	ND		10000	4400
100-42-5	Styrene	ND		10000	7300
127-18-4	Tetrachloroethene	ND		10000	3600
108-88-3	Toluene	ND		10000	5100
156-60-5	trans-1,2-Dichloroethene	ND		10000	9000
10061-02-6	trans-1,3-Dichloropropene	ND		10000	3700
79-01-6	Trichloroethene	240000		10000	4600
75-69-4	Trichlorofluoromethane	ND		10000	8800
75-01-4	Vinyl chloride	ND		10000	9000
1330-20-7	Xylenes, Total	ND		20000	6600

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		66-137
460-00-4	4-Bromofluorobenzene (Surr)	86		73-120
2037-26-5	Toluene-d8 (Surr)	87		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5753.D
 Lims ID: 480-31886-B-5 Client ID: MW-16S
 Inject. Date: 24-Jan-2013 06:44:30 Dil. Factor: 10000.0000
 Sample Type: Client
 Sample ID: 480-31886-B-5
 Misc. Info.: 480-0018502-017
 Operator: CDC Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 12
 Lims Batch ID: 100819 Lims Sample ID: 17
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q-8260.m
 Last Update: 24-Jan-2013 10:08:29 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK003

First Level Reviewer: ByrnesJ

Date: 24-Jan-2013 08:48:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.011	5.014	-0.003	93	678896	25.0	
* 2 Chlorobenzene-d5	82	7.201	7.198	0.003	84	329837	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.062	9.059	0.003	94	333664	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.700	4.704	-0.004	89	94716	20.1	
\$ 5 Toluene-d8 (Surr)	98	6.093	6.091	0.002	83	749687	21.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.125	8.129	-0.004	92	262975	21.5	
10 Dichlorodifluoromethane	85		1.362					
12 Chloromethane	50		1.508					
13 Vinyl chloride	62		1.599					
14 Bromomethane	94		1.873					
15 Chloroethane	64		1.958					9
17 Trichlorofluoromethane	101		2.190					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.652					
22 1,1-Dichloroethene	96		2.659					9
23 Acetone	43		2.749					
26 Carbon disulfide	76		2.834					
27 Methyl acetate	43		3.011					
30 Methylene Chloride	84		3.090					
32 Methyl tert-butyl ether	73		3.292					
34 trans-1,2-Dichloroethene	96		3.298					
39 1,1-Dichloroethane	63		3.639					
45 cis-1,2-Dichloroethene	96	4.086	4.089	-0.003	66	79679	7.87	
43 2-Butanone (MEK)	43		4.106					
50 Chloroform	83		4.337					9
51 1,1,1-Trichloroethane	97		4.447					
52 Cyclohexane	56		4.471					
55 Carbon tetrachloride	117		4.568					9
57 Benzene	78		4.728					9
58 1,2-Dichloroethane	62		4.758					
62 Trichloroethene	95	5.199	5.202	-0.003	93	217847	23.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
64 Methylcyclohexane	83		5.316					
65 1,2-Dichloropropane	63		5.371					9
68 Dichlorobromomethane	83		5.590					
72 cis-1,3-Dichloropropene	75		5.907					
73 4-Methyl-2-pentanone (MIBK)	43		6.010					9
74 Toluene	92		6.139					
77 trans-1,3-Dichloropropene	75		6.326					
79 1,1,2-Trichloroethane	83		6.472					
81 Tetrachloroethene	166		6.559					
80 2-Hexanone	43		6.637					
83 Chlorodibromomethane	129		6.777					
84 Ethylene Dibromide	107		6.862					
87 Chlorobenzene	112		7.222					9
88 Ethylbenzene	91		7.289					9
90 m-Xylene & p-Xylene	106		7.380					9
91 o-Xylene	106		7.697					9
92 Styrene	104		7.713					
95 Bromoform	173		7.890					
94 Isopropylbenzene	105		7.981					
97 1,1,2,2-Tetrachloroethane	83		8.261					
111 1,3-Dichlorobenzene	146		9.009					
113 1,4-Dichlorobenzene	146		9.082					
116 1,2-Dichlorobenzene	146		9.394					9
117 1,2-Dibromo-3-Chloropropane	75		10.043					
119 1,2,4-Trichlorobenzene	180		10.713					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

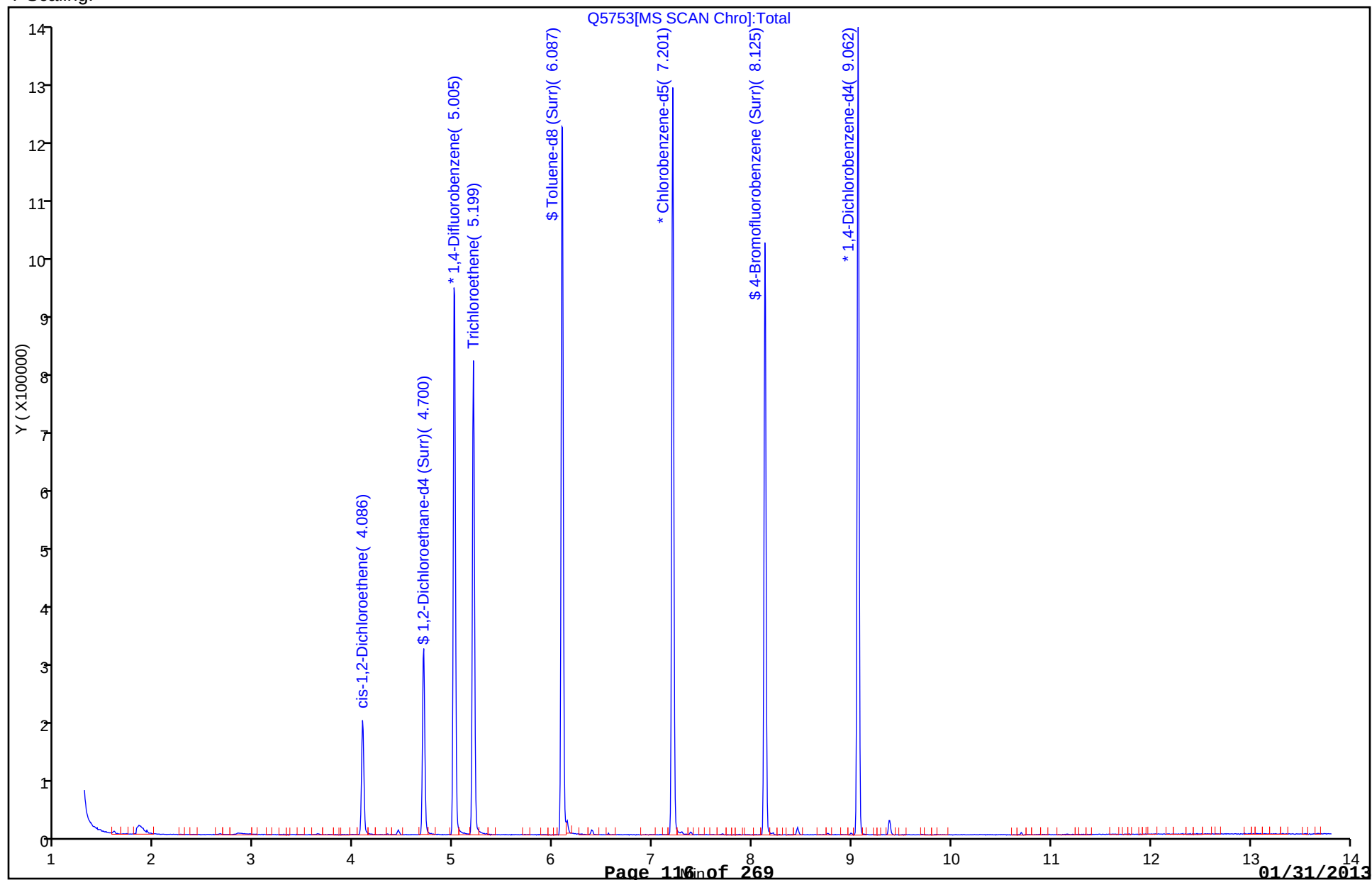
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5753.D
Injection Date: 24-Jan-2013 06:44:30 Limit Group: MV - 8260B ICAL
Client ID: MW-16S Instrument ID: HP5973Q
Lims Batch ID: 100819 Lims Sample ID: 17
Operator ID: CDC Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5753.D

Injection Date: 24-Jan-2013 06:44:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100819

Lims Sample ID: 17

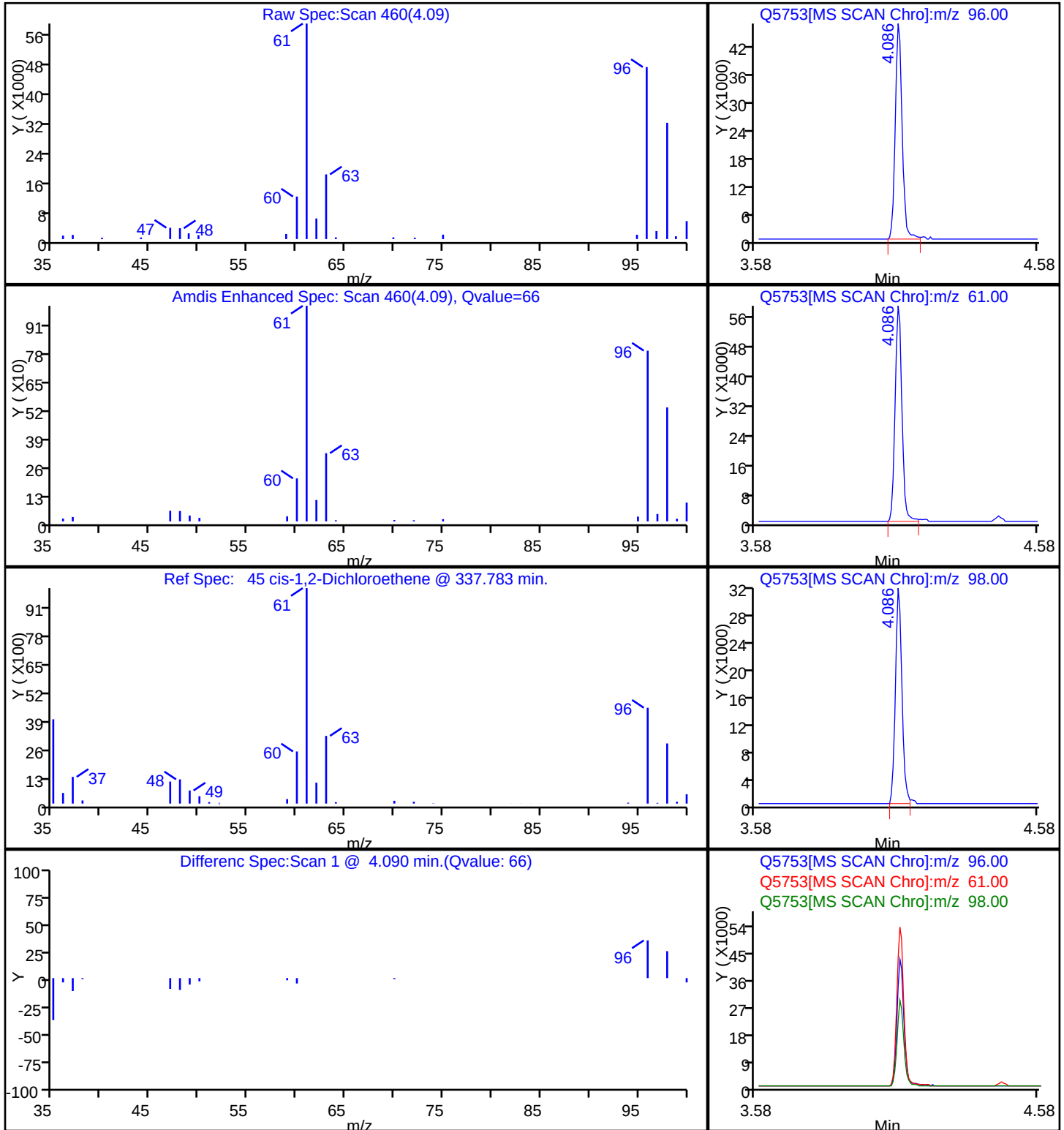
Operator ID: CDC

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5753.D

Injection Date: 24-Jan-2013 06:44:30

Limit Group: MV - 8260B ICAL

Client ID: MW-16S

Instrument ID: HP5973Q

Lims Batch ID: 100819

Lims Sample ID: 17

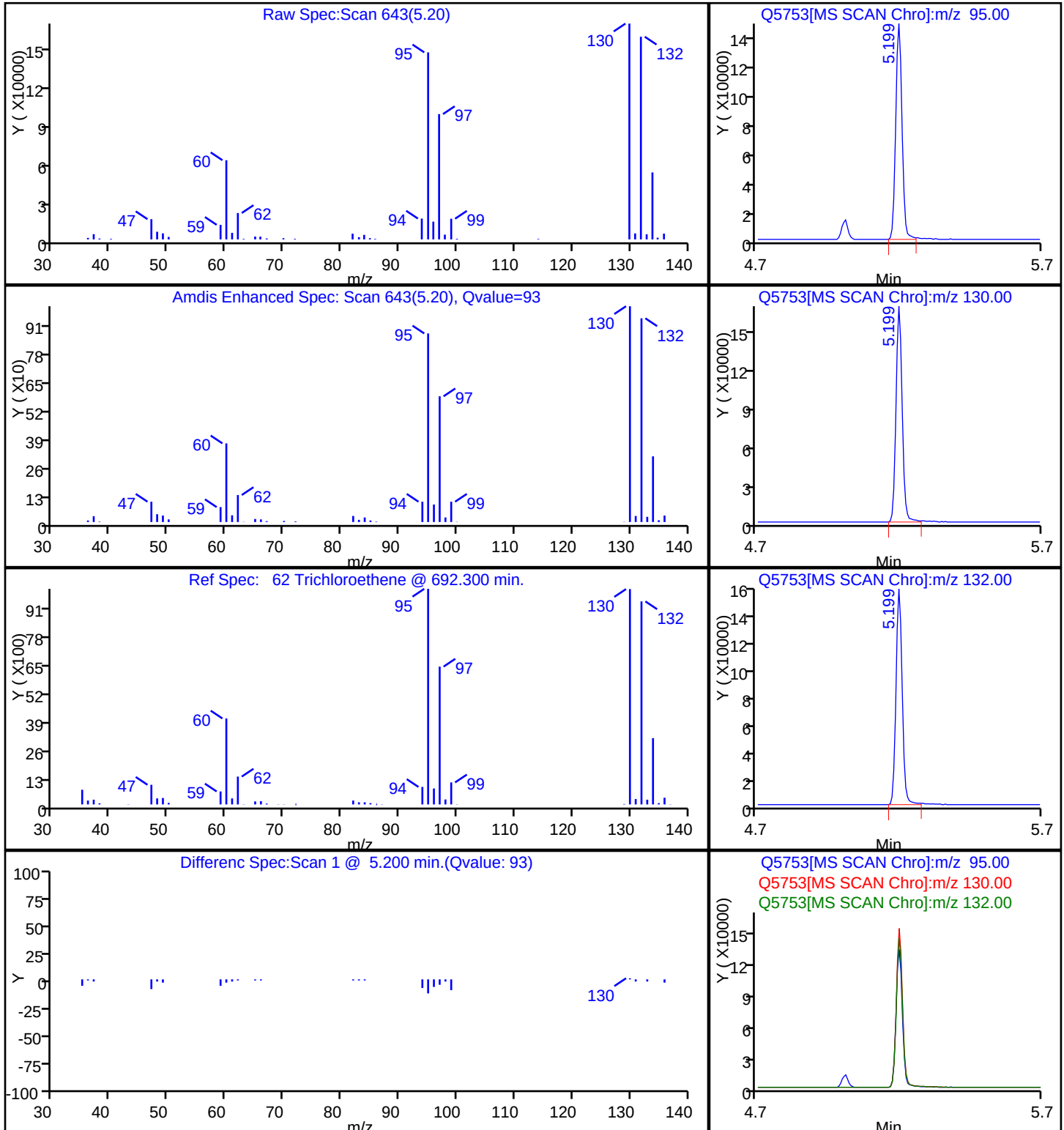
Operator ID: CDC

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

62 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Client Sample ID: MW-2 Lab Sample ID: 480-31886-6

Matrix: Ground Water Lab File ID: Q5754.D

Analysis Method: 8260B Date Collected: 01/21/2013 09:50

Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 07:11

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100819 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: MW-2 Lab Sample ID: 480-31886-6
 Matrix: Ground Water Lab File ID: Q5754.D
 Analysis Method: 8260B Date Collected: 01/21/2013 09:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 07:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100819 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	0.89	J	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)	79		66-137
460-00-4	4-Bromofluorobenzene (Surr)	86		73-120
2037-26-5	Toluene-d8 (Surr)	86		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5754.D
 Lims ID: 480-31886-B-6 Client ID: MW-2
 Inject. Date: 24-Jan-2013 07:11:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-31886-B-6
 Misc. Info.: 480-0018502-018
 Operator: CDC Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 13
 Lims Batch ID: 100819 Lims Sample ID: 18
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q-8260.m
 Last Update: 24-Jan-2013 10:08:29 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK003

First Level Reviewer: ByrnesJ

Date: 24-Jan-2013 08:49:22

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.007	5.014	-0.007	93	708189	25.0	
* 2 Chlorobenzene-d5	82	7.203	7.198	0.005	84	333630	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.064	9.059	0.005	93	331224	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.703	4.704	-0.001	89	96670	19.7	
\$ 5 Toluene-d8 (Surr)	98	6.090	6.091	-0.001	84	756417	21.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.128	8.129	-0.001	91	264413	21.4	
10 Dichlorodifluoromethane	85		1.362					
12 Chloromethane	50		1.508					9
13 Vinyl chloride	62		1.599					
14 Bromomethane	94		1.873					
15 Chloroethane	64	1.971	1.958	0.013	90	26115	10.4	
17 Trichlorofluoromethane	101		2.190					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.652					
22 1,1-Dichloroethene	96		2.659					
23 Acetone	43		2.749					
26 Carbon disulfide	76		2.834					
27 Methyl acetate	43		3.011					
30 Methylene Chloride	84		3.090					
32 Methyl tert-butyl ether	73		3.292					9
34 trans-1,2-Dichloroethene	96		3.298					
39 1,1-Dichloroethane	63		3.639					
45 cis-1,2-Dichloroethene	96		4.089					
43 2-Butanone (MEK)	43		4.106					
50 Chloroform	83		4.337					
51 1,1,1-Trichloroethane	97		4.447					
52 Cyclohexane	56		4.471					9
55 Carbon tetrachloride	117		4.568					
57 Benzene	78		4.728					9
58 1,2-Dichloroethane	62		4.758					
62 Trichloroethene	95	5.201	5.202	-0.001	80	8541	0.8884	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
64 Methylcyclohexane	83		5.316					
65 1,2-Dichloropropane	63		5.371					
68 Dichlorobromomethane	83		5.590					
72 cis-1,3-Dichloropropene	75		5.907					
73 4-Methyl-2-pentanone (MIBK)	43		6.010					9
74 Toluene	92		6.139					9
77 trans-1,3-Dichloropropene	75		6.326					
79 1,1,2-Trichloroethane	83		6.472					
81 Tetrachloroethene	166		6.559					
80 2-Hexanone	43		6.637					
83 Chlorodibromomethane	129		6.777					
84 Ethylene Dibromide	107		6.862					
87 Chlorobenzene	112		7.222					9
88 Ethylbenzene	91		7.289					9
90 m-Xylene & p-Xylene	106		7.380					9
91 o-Xylene	106		7.697					
92 Styrene	104		7.713					
95 Bromoform	173		7.890					
94 Isopropylbenzene	105		7.981					9
97 1,1,2,2-Tetrachloroethane	83		8.261					
111 1,3-Dichlorobenzene	146		9.009					
113 1,4-Dichlorobenzene	146		9.082					
116 1,2-Dichlorobenzene	146		9.394					9
117 1,2-Dibromo-3-Chloropropane	75		10.043					
119 1,2,4-Trichlorobenzene	180		10.713					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

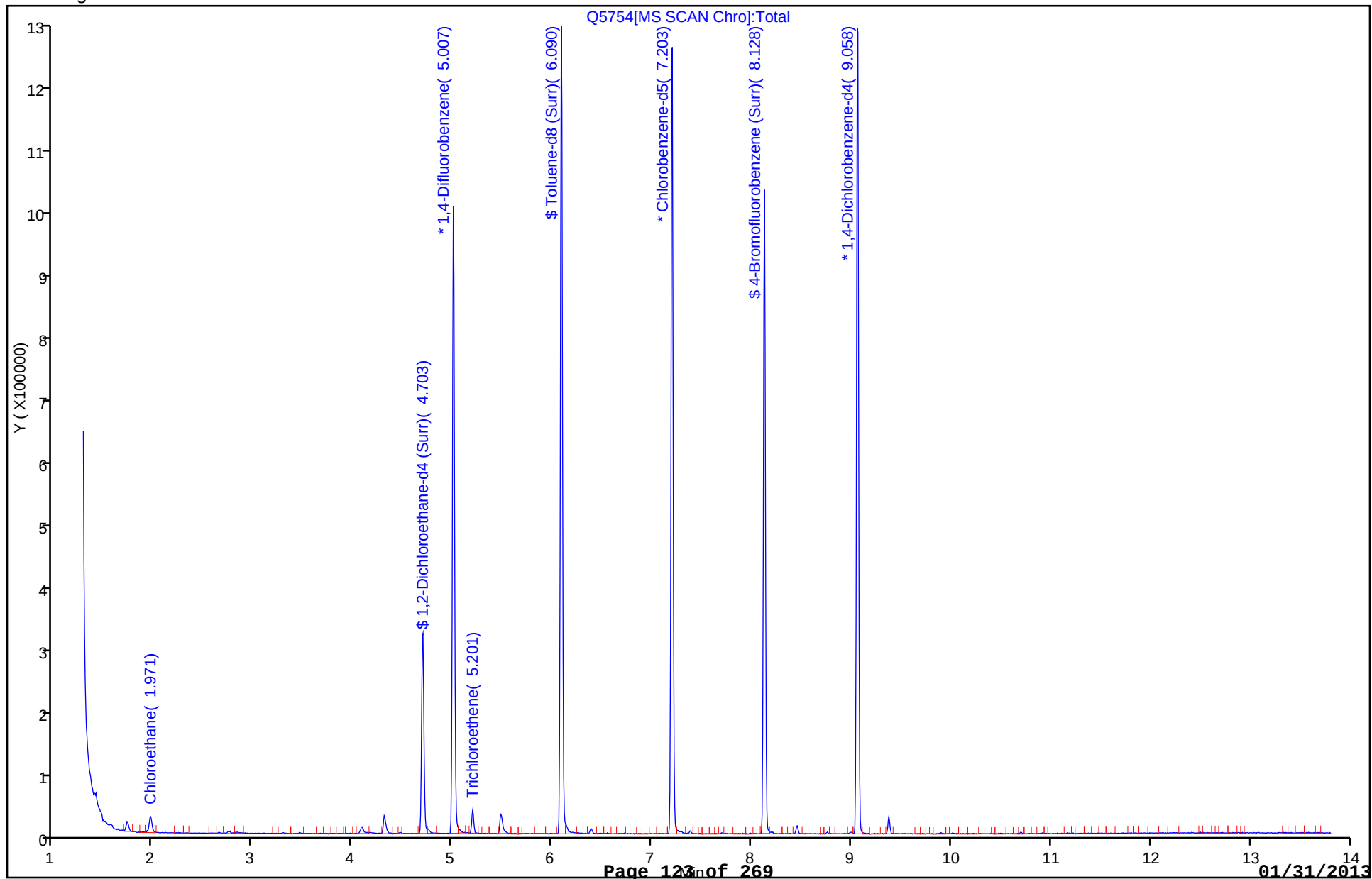
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5754.D
Injection Date: 24-Jan-2013 07:11:30 Limit Group: MV - 8260B ICAL
Client ID: MW-2 Instrument ID: HP5973Q
Lims Batch ID: 100819 Lims Sample ID: 18
Operator ID: CDC Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5754.D

Injection Date: 24-Jan-2013 07:11:30

Limit Group: MV - 8260B ICAL

Client ID: MW-2

Instrument ID: HP5973Q

Lims Batch ID: 100819

Lims Sample ID: 18

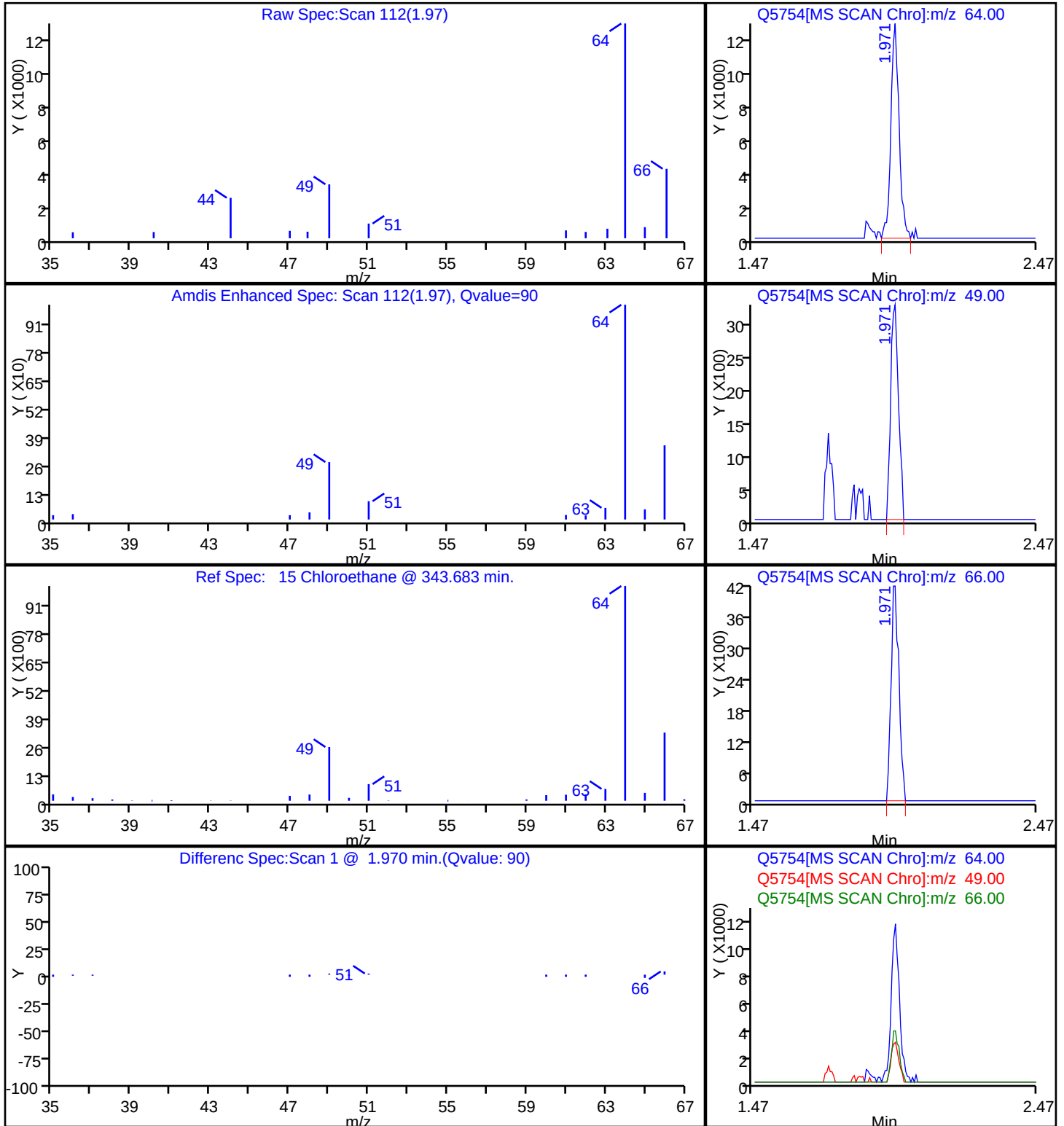
Operator ID: CDC

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

15 Chloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5754.D

Injection Date: 24-Jan-2013 07:11:30

Limit Group: MV - 8260B ICAL

Client ID: MW-2

Instrument ID: HP5973Q

Lims Batch ID: 100819

Lims Sample ID: 18

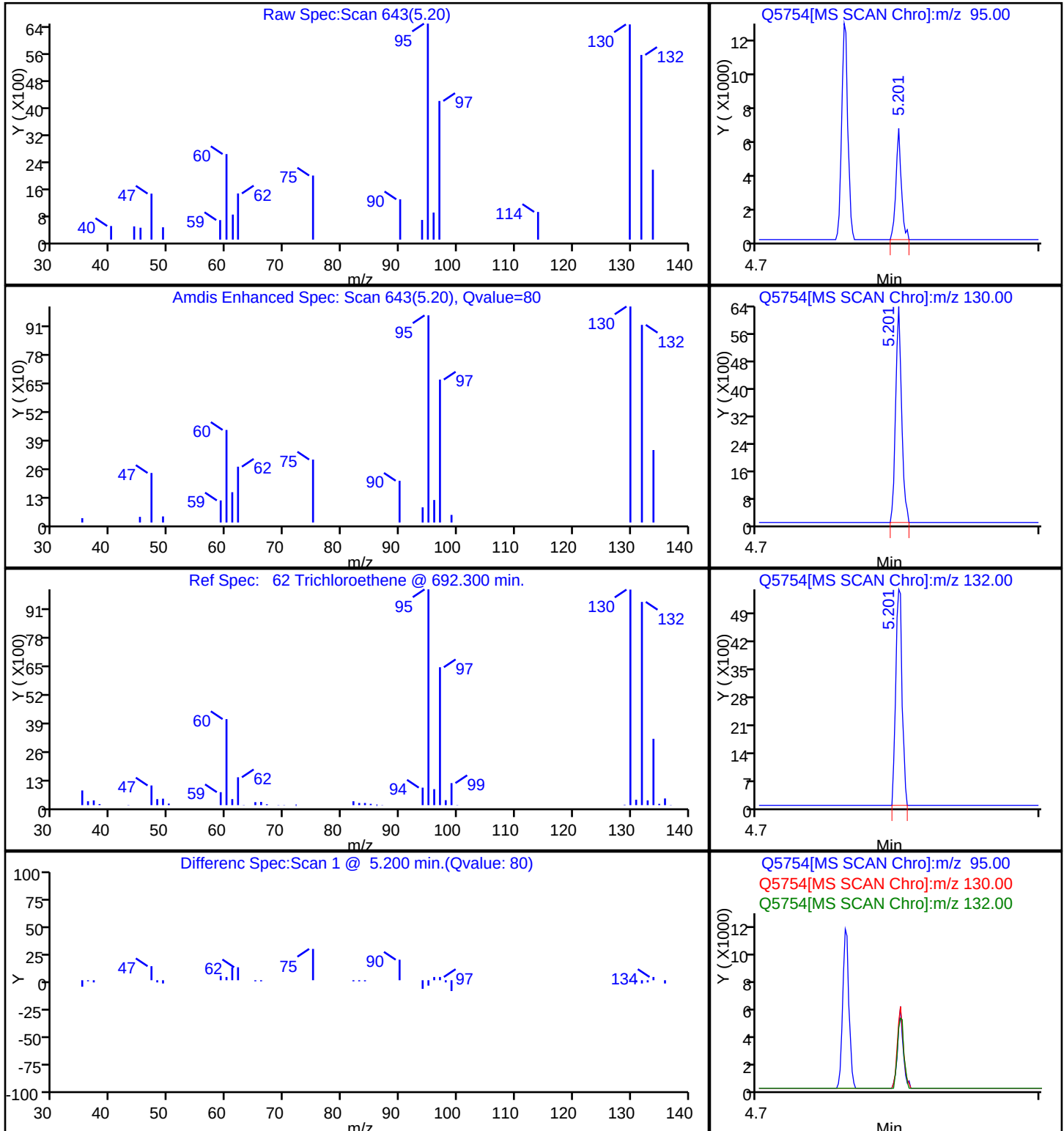
Operator ID: CDC

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

62 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-31886-7
 Matrix: Ground Water Lab File ID: Q5730.D
 Analysis Method: 8260B Date Collected: 01/21/2013 11:20
 Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 20:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100709 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	12		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	7.6		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	3.3		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-31886-7
 Matrix: Ground Water Lab File ID: Q5730.D
 Analysis Method: 8260B Date Collected: 01/21/2013 11:20
 Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 20:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100709 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	0.98	J	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	6.7		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)	71		66-137
460-00-4	4-Bromofluorobenzene (Surr)	84		73-120
2037-26-5	Toluene-d8 (Surr)	88		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5730.D
 Lims ID: 480-31886-A-7 Client ID: MW-3
 Inject. Date: 23-Jan-2013 20:23:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-31886-A-7
 Misc. Info.: 480-0018476-022
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 20
 Lims Batch ID: 100709 Lims Sample ID: 22
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q-8260.m
 Last Update: 23-Jan-2013 18:38:39 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK019

First Level Reviewer: cwiklinc

Date: 23-Jan-2013 20:49:41

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.013	5.011	0.002	93	722878	25.0	
* 2 Chlorobenzene-d5	82	7.203	7.201	0.002	84	344389	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.065	9.063	0.003	93	333765	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.703	4.701	0.002	89	89271	17.8	
\$ 5 Toluene-d8 (Surr)	98	6.096	6.094	0.002	92	800262	22.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.128	8.132	-0.004	91	268270	21.0	
10 Dichlorodifluoromethane	85		1.361					
12 Chloromethane	50		1.507					
13 Vinyl chloride	62	1.600	1.604	-0.004	96	72899	6.73	
14 Bromomethane	94		1.878					
15 Chloroethane	64	1.978	1.957	0.021	80	19828	7.61	
17 Trichlorofluoromethane	101		2.182					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.644					
22 1,1-Dichloroethene	96		2.657					
23 Acetone	43		2.754					
26 Carbon disulfide	76		2.833					
27 Methyl acetate	43		3.009					
30 Methylene Chloride	84		3.095					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.295					
39 1,1-Dichloroethane	63	3.644	3.636	0.008	96	205372	12.3	
45 cis-1,2-Dichloroethene	96	4.095	4.092	0.003	75	35598	3.30	
43 2-Butanone (MEK)	43		4.104					9
50 Chloroform	83		4.336					
51 1,1,1-Trichloroethane	97		4.445					
52 Cyclohexane	56		4.469					
55 Carbon tetrachloride	117		4.567					
57 Benzene	78		4.725					9
58 1,2-Dichloroethane	62		4.755					
62 Trichloroethene	95	5.202	5.199	0.003	77	9604	0.9786	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
64 Methylcyclohexane	83		5.315					
65 1,2-Dichloropropane	63		5.376					
68 Dichlorobromomethane	83		5.589					
72 cis-1,3-Dichloropropene	75		5.905					
73 4-Methyl-2-pentanone (MIBK)	43		6.009					9
74 Toluene	92		6.142					9
77 trans-1,3-Dichloropropene	75		6.325					
79 1,1,2-Trichloroethane	83		6.471					
81 Tetrachloroethene	166		6.556					
80 2-Hexanone	43		6.635					
83 Chlorodibromomethane	129		6.775					
84 Ethylene Dibromide	107		6.860					
87 Chlorobenzene	112		7.225					
88 Ethylbenzene	91		7.292					
90 m-Xylene & p-Xylene	106		7.383					
91 o-Xylene	106		7.700					
92 Styrene	104		7.718					
95 Bromoform	173		7.894					
94 Isopropylbenzene	105		7.986					9
97 1,1,2,2-Tetrachloroethane	83		8.259					
111 1,3-Dichlorobenzene	146		9.008					
113 1,4-Dichlorobenzene	146		9.087					
116 1,2-Dichlorobenzene	146		9.391					
117 1,2-Dibromo-3-Chloropropane	75		10.048					
119 1,2,4-Trichlorobenzene	180		10.717					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

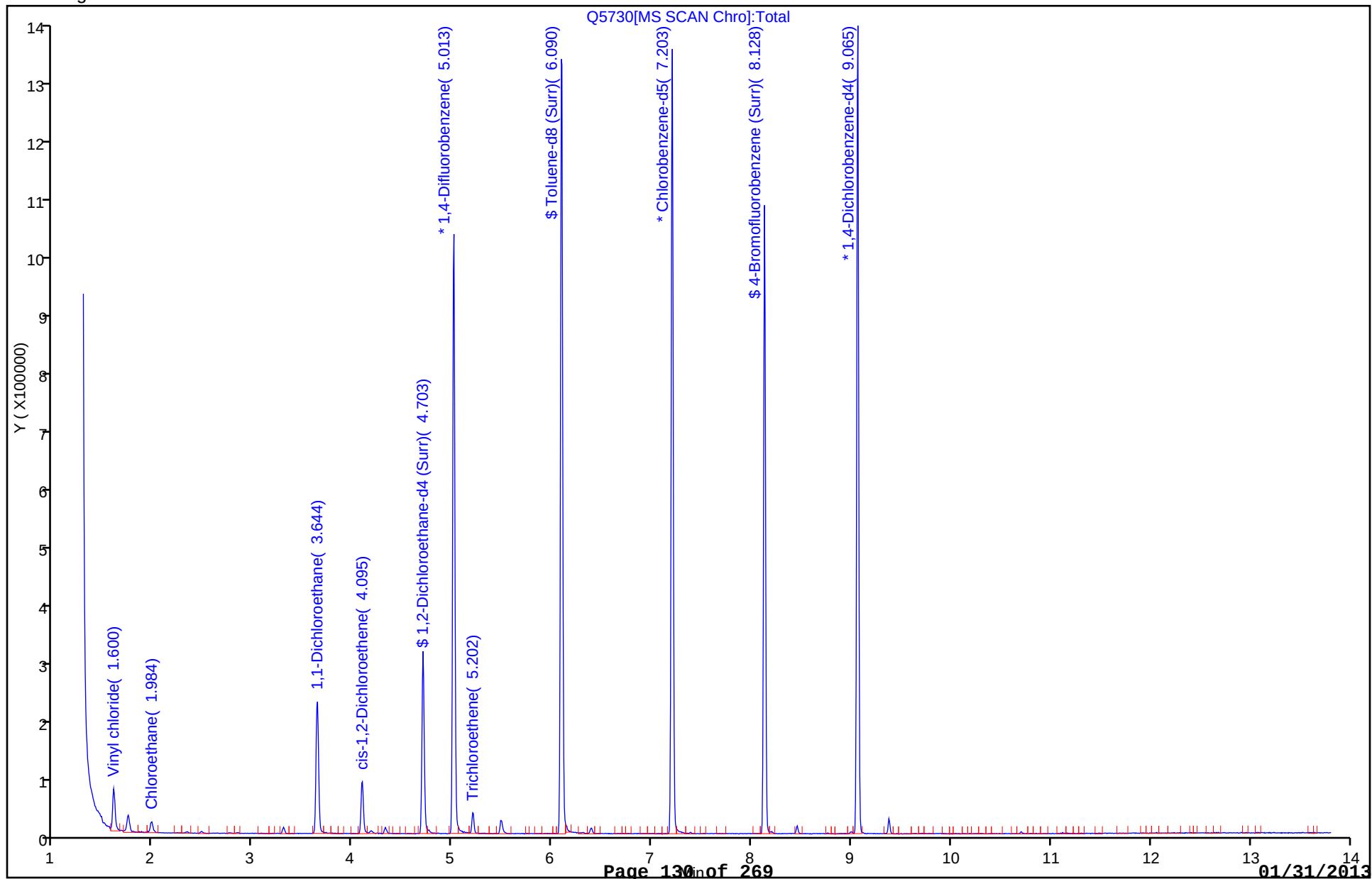
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5730.D
Injection Date: 23-Jan-2013 20:23:30 Limit Group: MV - 8260B ICAL
Client ID: MW-3 Instrument ID: HP5973Q
Lims Batch ID: 100709 Lims Sample ID: 22
Operator ID: jmb Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5730.D

Injection Date: 23-Jan-2013 20:23:30

Limit Group: MV - 8260B ICAL

Client ID: MW-3

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 22

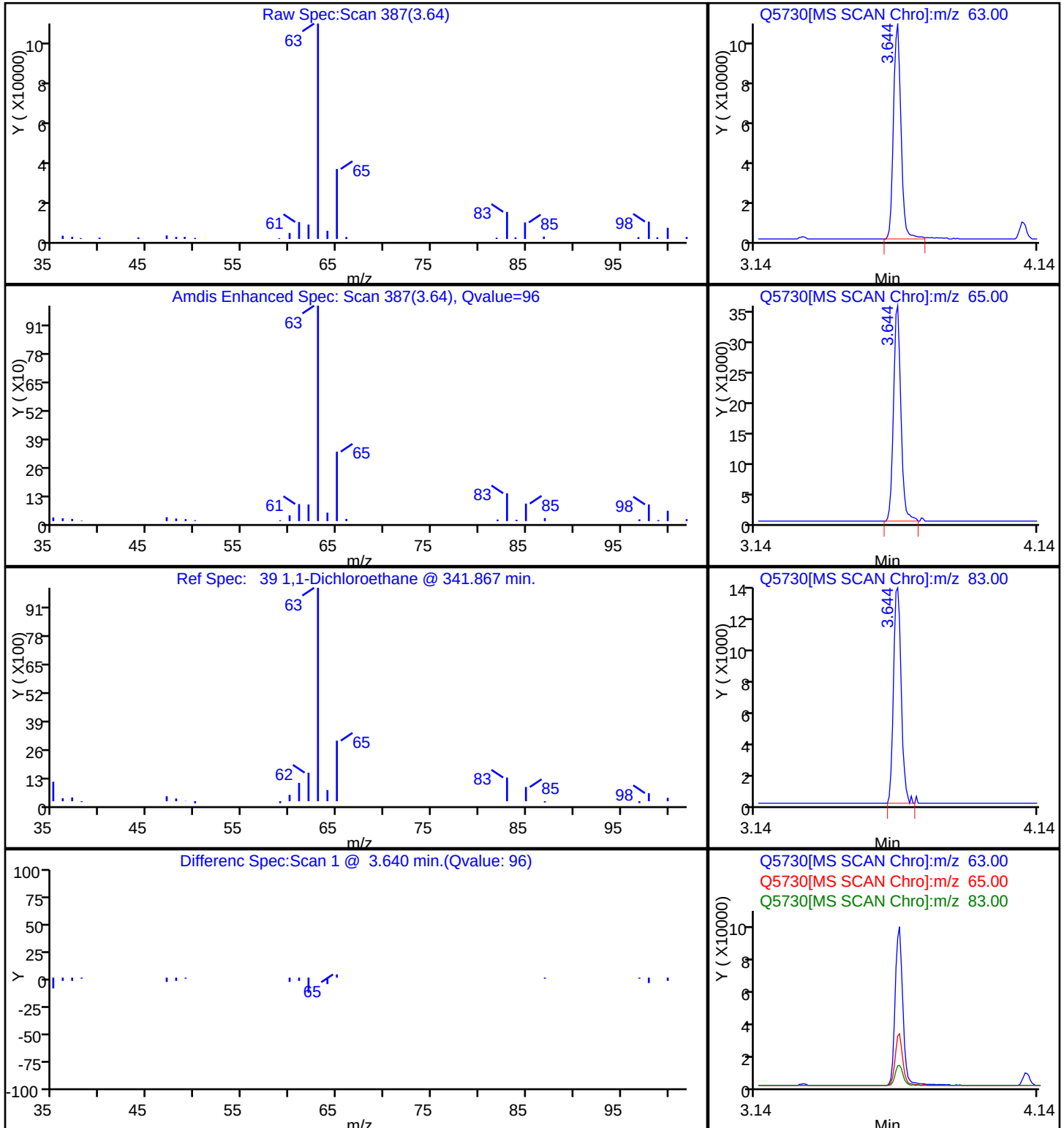
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

39 1,1-Dichloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5730.D

Injection Date: 23-Jan-2013 20:23:30

Limit Group: MV - 8260B ICAL

Client ID: MW-3

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 22

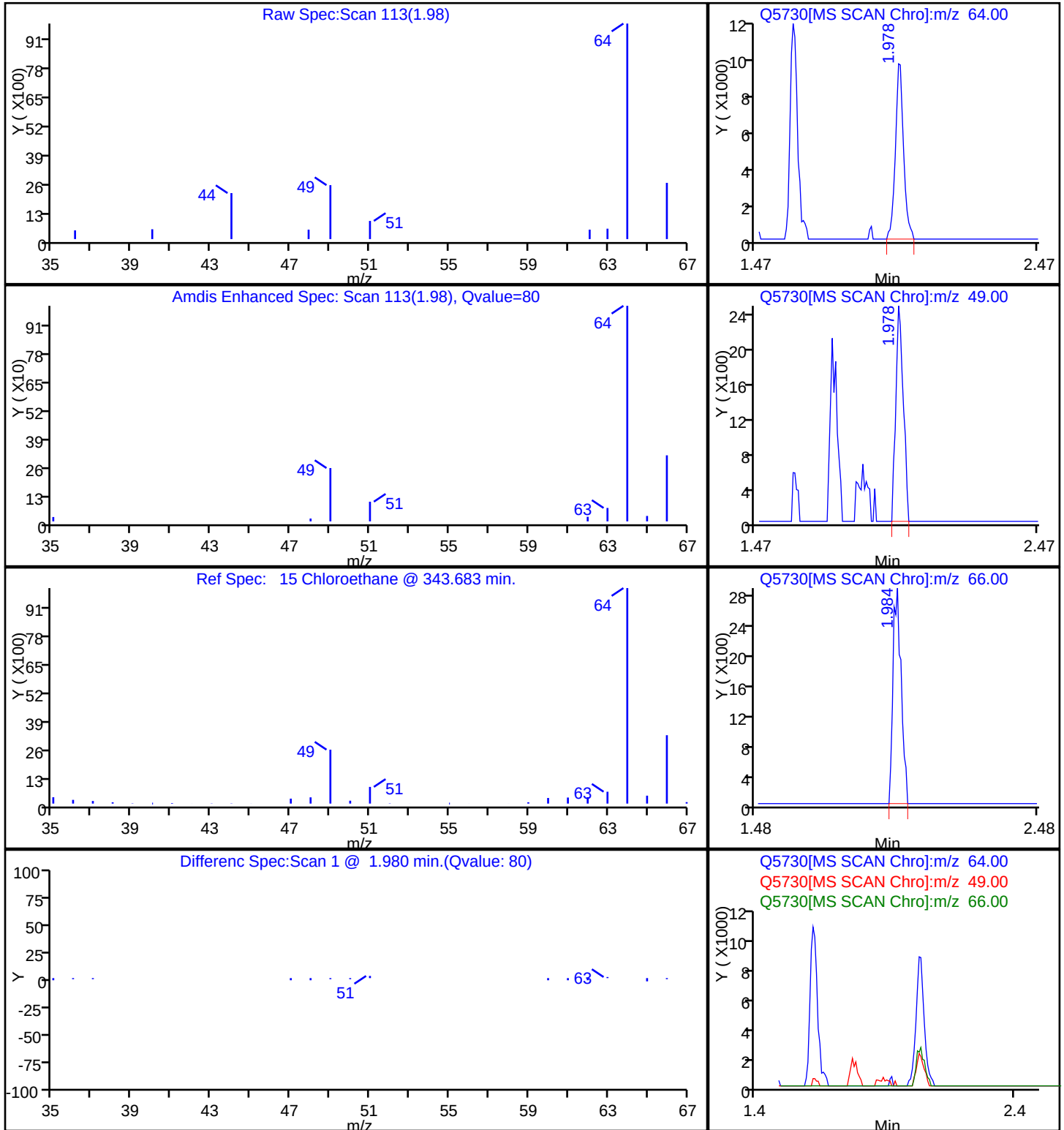
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

15 Chloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5730.D

Injection Date: 23-Jan-2013 20:23:30

Limit Group: MV - 8260B ICAL

Client ID: MW-3

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 22

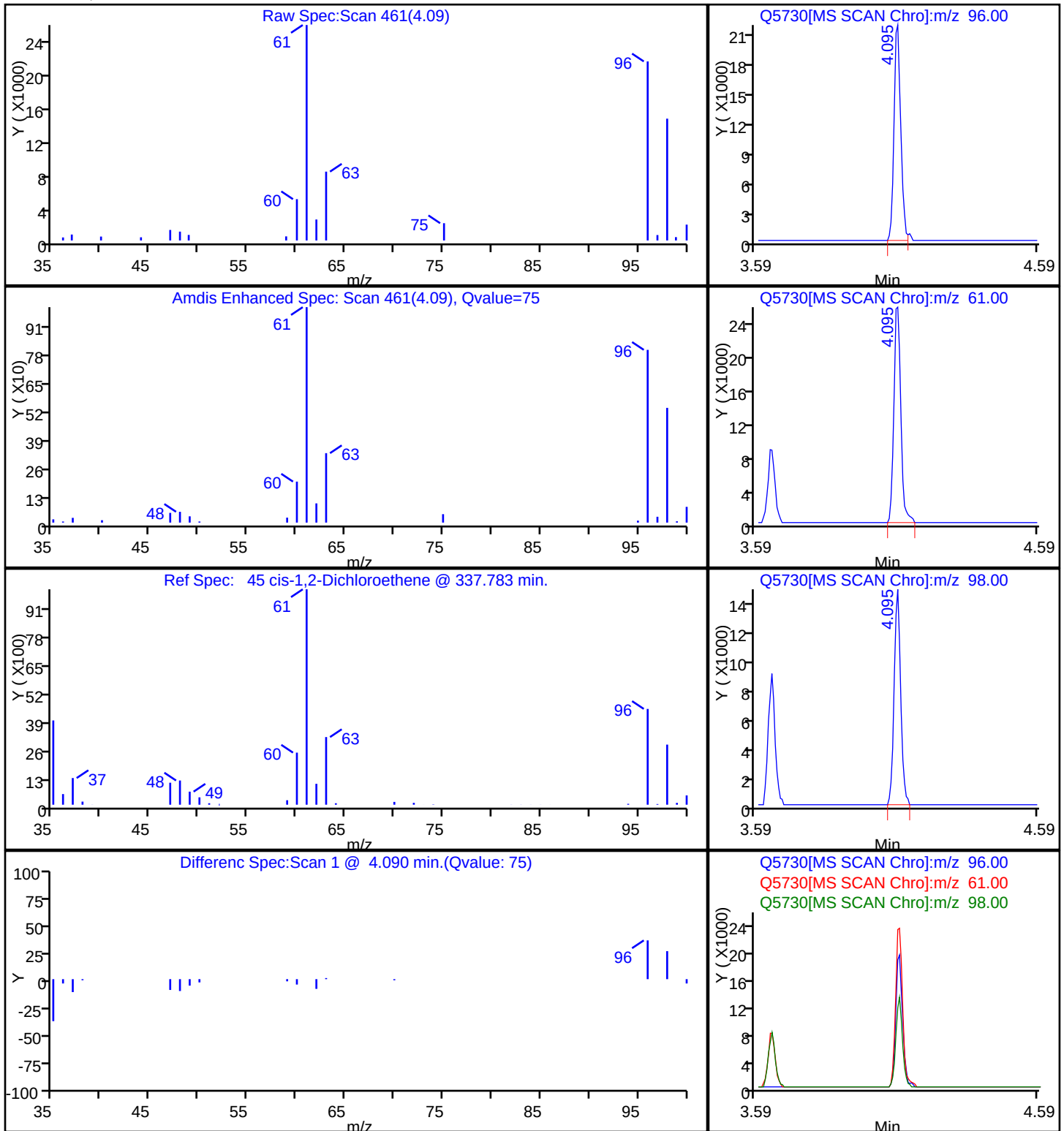
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5730.D

Injection Date: 23-Jan-2013 20:23:30

Limit Group: MV - 8260B ICAL

Client ID: MW-3

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 22

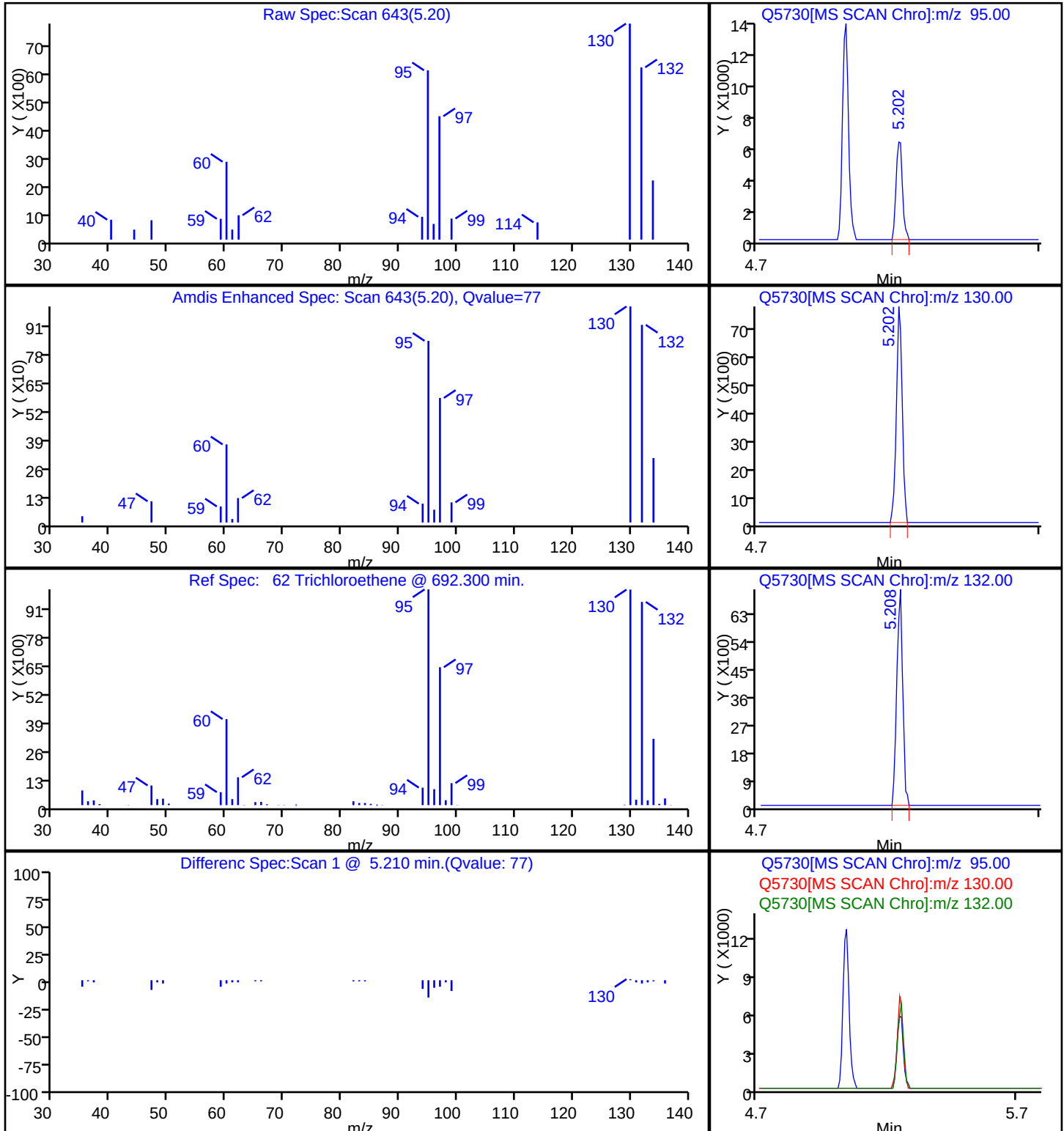
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

62 Trichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5730.D

Injection Date: 23-Jan-2013 20:23:30

Limit Group: MV - 8260B ICAL

Client ID: MW-3

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 22

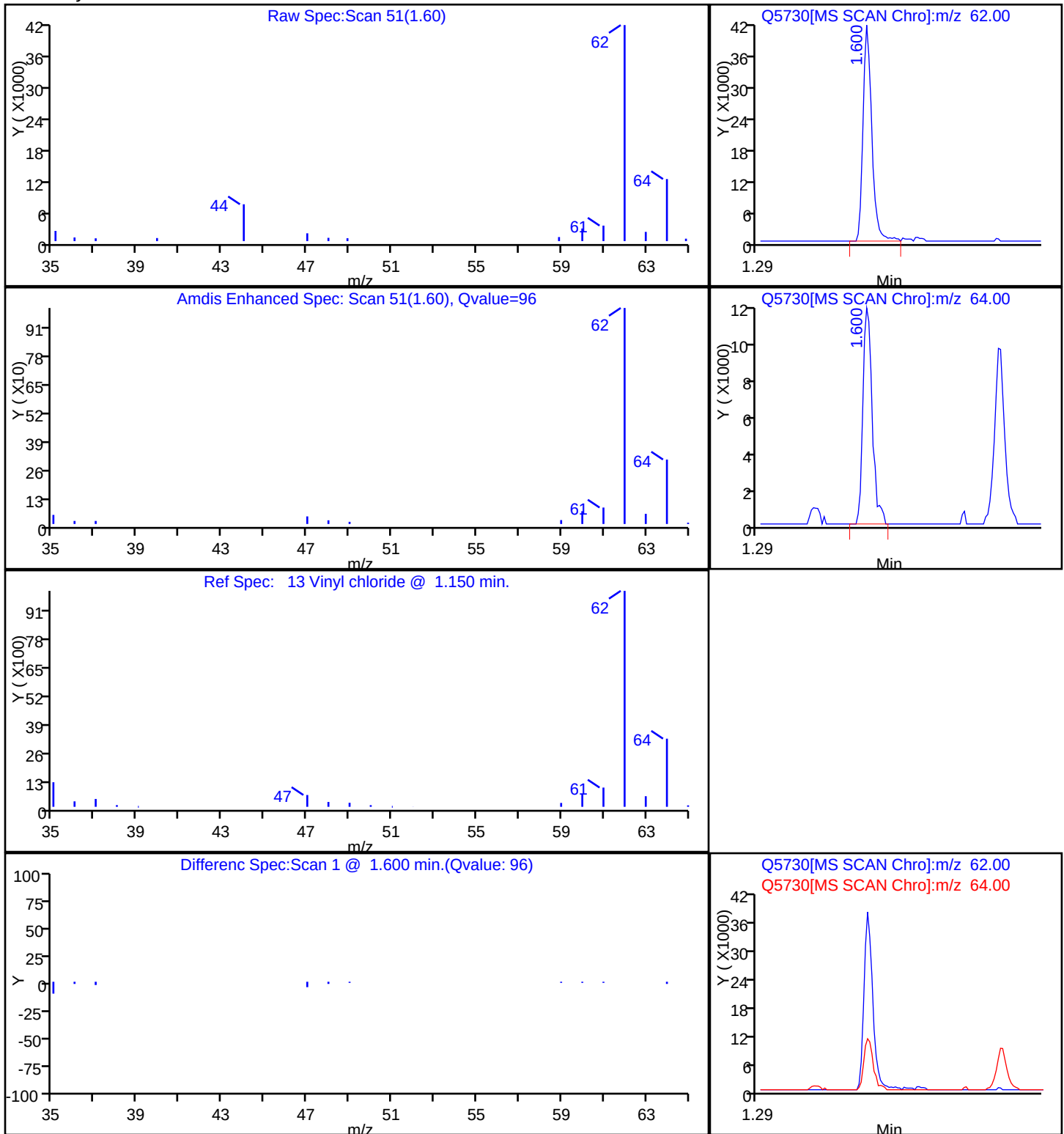
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Client Sample ID: MW-4 Lab Sample ID: 480-31886-8

Matrix: Ground Water Lab File ID: Q5731.D

Analysis Method: 8260B Date Collected: 01/21/2013 14:45

Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 20:50

Soil Aliquot Vol: _____ Dilution Factor: 40

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100709 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	98		40	33
79-34-5	1,1,2,2-Tetrachloroethane	ND		40	8.4
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12
79-00-5	1,1,2-Trichloroethane	ND		40	9.2
75-34-3	1,1-Dichloroethane	1600		40	15
75-35-4	1,1-Dichloroethene	790		40	12
120-82-1	1,2,4-Trichlorobenzene	ND		40	16
96-12-8	1,2-Dibromo-3-Chloropropane	ND		40	16
106-93-4	1,2-Dibromoethane	ND		40	29
95-50-1	1,2-Dichlorobenzene	ND		40	32
107-06-2	1,2-Dichloroethane	ND		40	8.4
78-87-5	1,2-Dichloropropane	ND		40	29
541-73-1	1,3-Dichlorobenzene	ND		40	31
106-46-7	1,4-Dichlorobenzene	ND		40	34
78-93-3	2-Butanone (MEK)	ND		400	53
591-78-6	2-Hexanone	ND		200	50
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		200	84
67-64-1	Acetone	ND		400	120
71-43-2	Benzene	ND		40	16
75-27-4	Bromodichloromethane	ND		40	16
75-25-2	Bromoform	ND		40	10
74-83-9	Bromomethane	ND		40	28
75-15-0	Carbon disulfide	ND		40	7.6
56-23-5	Carbon tetrachloride	ND		40	11
108-90-7	Chlorobenzene	ND		40	30
75-00-3	Chloroethane	100		40	13
67-66-3	Chloroform	ND		40	14
74-87-3	Chloromethane	ND		40	14
156-59-2	cis-1,2-Dichloroethene	65000	E	40	32
10061-01-5	cis-1,3-Dichloropropene	ND		40	14
110-82-7	Cyclohexane	ND		40	7.2
124-48-1	Dibromochloromethane	ND		40	13
75-71-8	Dichlorodifluoromethane	ND		40	27
100-41-4	Ethylbenzene	ND		40	30
98-82-8	Isopropylbenzene	ND		40	32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: MW-4 Lab Sample ID: 480-31886-8
 Matrix: Ground Water Lab File ID: Q5731.D
 Analysis Method: 8260B Date Collected: 01/21/2013 14:45
 Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 20:50
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100709 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		40	20
1634-04-4	Methyl tert-butyl ether	ND		40	6.4
108-87-2	Methylcyclohexane	ND		40	6.4
75-09-2	Methylene Chloride	ND		40	18
100-42-5	Styrene	ND		40	29
127-18-4	Tetrachloroethene	ND		40	14
108-88-3	Toluene	42		40	20
156-60-5	trans-1,2-Dichloroethene	650		40	36
10061-02-6	trans-1,3-Dichloropropene	ND		40	15
79-01-6	Trichloroethene	32000	E	40	18
75-69-4	Trichlorofluoromethane	ND		40	35
75-01-4	Vinyl chloride	5100	E	40	36
1330-20-7	Xylenes, Total	ND		80	26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	68		66-137
460-00-4	4-Bromofluorobenzene (Surr)	85		73-120
2037-26-5	Toluene-d8 (Surr)	88		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5731.D
 Lims ID: 480-31886-A-8 Client ID: MW-4
 Inject. Date: 23-Jan-2013 20:50:30 Dil. Factor: 40.0000
 Sample Type: Client
 Sample ID: 480-31886-A-8
 Misc. Info.: 480-0018476-023
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 21
 Lims Batch ID: 100709 Lims Sample ID: 23
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q-8260.m
 Last Update: 23-Jan-2013 19:33:59 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK019

First Level Reviewer: cwiklinc

Date: 23-Jan-2013 21:46:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.011	5.011	0.0	93	726738	25.0	
* 2 Chlorobenzene-d5	82	7.201	7.201	0.0	83	340531	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.062	9.063	0.0	94	325278	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.700	4.701	-0.001	89	86266	17.1	
\$ 5 Toluene-d8 (Surr)	98	6.094	6.094	0.0	92	786659	22.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.132	8.132	0.0	93	266658	21.2	
10 Dichlorodifluoromethane	85		1.361					
12 Chloromethane	50		1.507					9
13 Vinyl chloride	62	1.604	1.604	0.0	84	1383560	127.0	E
14 Bromomethane	94		1.878					
15 Chloroethane	64	1.981	1.957	0.024	53	7741	2.62	
17 Trichlorofluoromethane	101		2.182					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96	2.669	2.657	0.012	90	163443	19.7	
23 Acetone	43		2.754					
26 Carbon disulfide	76		2.833					
27 Methyl acetate	43		3.009					
30 Methylene Chloride	84		3.095					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96	3.307	3.295	0.012	96	156611	16.3	
39 1,1-Dichloroethane	63	3.642	3.636	0.006	85	679918	40.3	
45 cis-1,2-Dichloroethene	96	4.092	4.092	0.0	58	17631072	1627.2	E
43 2-Butanone (MEK)	43		4.104					
50 Chloroform	83		4.336					9
51 1,1,1-Trichloroethane	97	4.451	4.445	0.006	80	35853	2.44	
52 Cyclohexane	56		4.469					
55 Carbon tetrachloride	117		4.567					9
57 Benzene	78		4.725					
58 1,2-Dichloroethane	62		4.755					9
62 Trichloroethene	95	5.205	5.199	0.006	92	7838702	794.5	E

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
64 Methylcyclohexane	83		5.315					9
65 1,2-Dichloropropane	63		5.376					9
68 Dichlorobromomethane	83		5.589					
72 cis-1,3-Dichloropropene	75		5.905					
73 4-Methyl-2-pentanone (MIBK)	43		6.009					9
74 Toluene	92	6.142	6.142	0.0	88	26923	1.04	
77 trans-1,3-Dichloropropene	75		6.325					
79 1,1,2-Trichloroethane	83		6.471					9
81 Tetrachloroethene	166		6.556					
80 2-Hexanone	43		6.635					
83 Chlorodibromomethane	129		6.775					
84 Ethylene Dibromide	107		6.860					
87 Chlorobenzene	112		7.225					
88 Ethylbenzene	91		7.292					
90 m-Xylene & p-Xylene	106		7.383					9
91 o-Xylene	106		7.700					
92 Styrene	104		7.718					
95 Bromoform	173		7.894					
94 Isopropylbenzene	105		7.986					
97 1,1,2,2-Tetrachloroethane	83		8.259					
111 1,3-Dichlorobenzene	146		9.008					
113 1,4-Dichlorobenzene	146		9.087					
116 1,2-Dichlorobenzene	146		9.391					
117 1,2-Dibromo-3-Chloropropane	75		10.048					
119 1,2,4-Trichlorobenzene	180		10.717					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

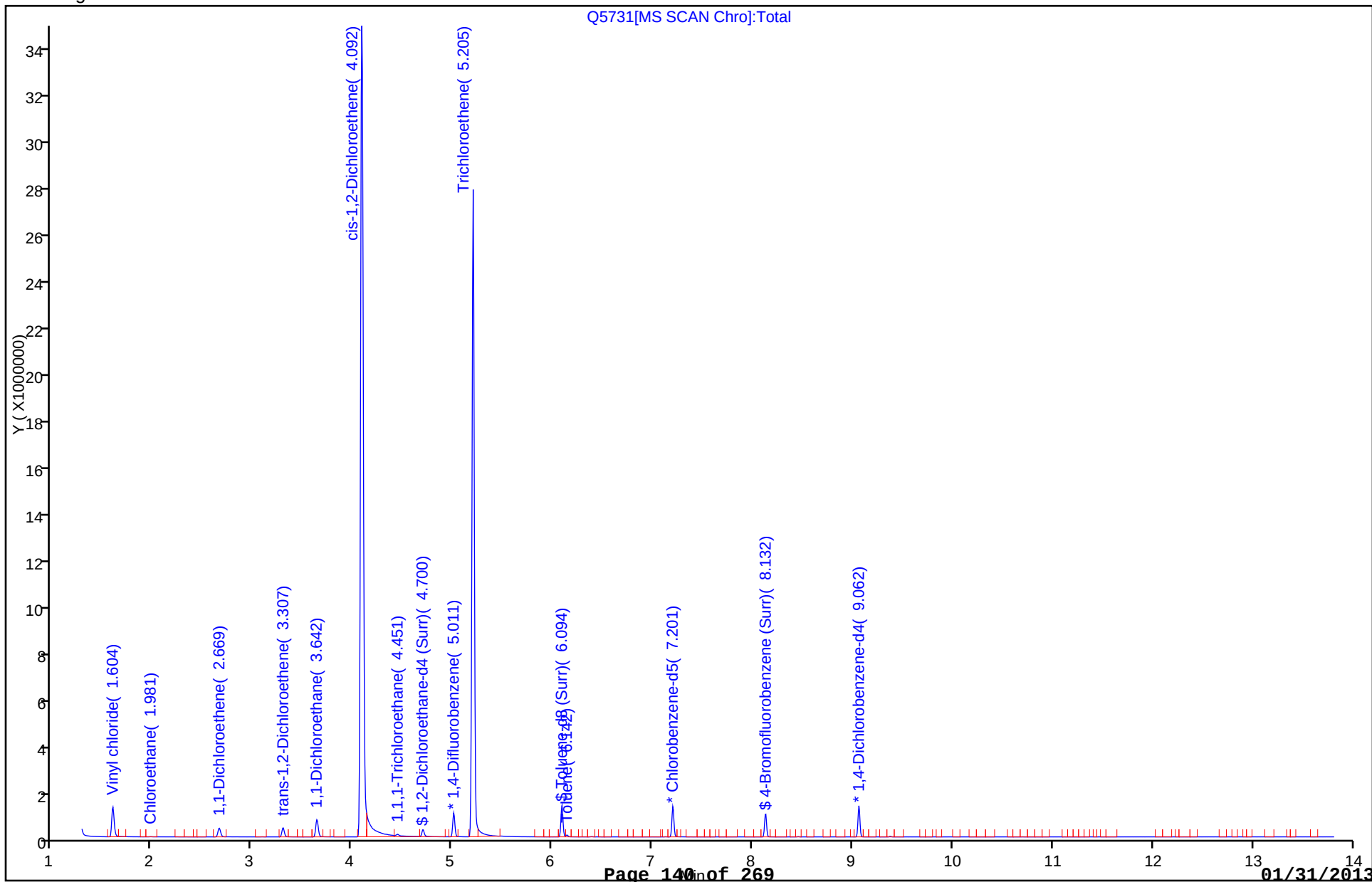
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5731.D
Injection Date: 23-Jan-2013 20:50:30 Limit Group: MV - 8260B ICAL
Client ID: MW-4 Instrument ID: HP5973Q
Lims Batch ID: 100709 Lims Sample ID: 23
Operator ID: jmb Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5731.D

Injection Date: 23-Jan-2013 20:50:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 23

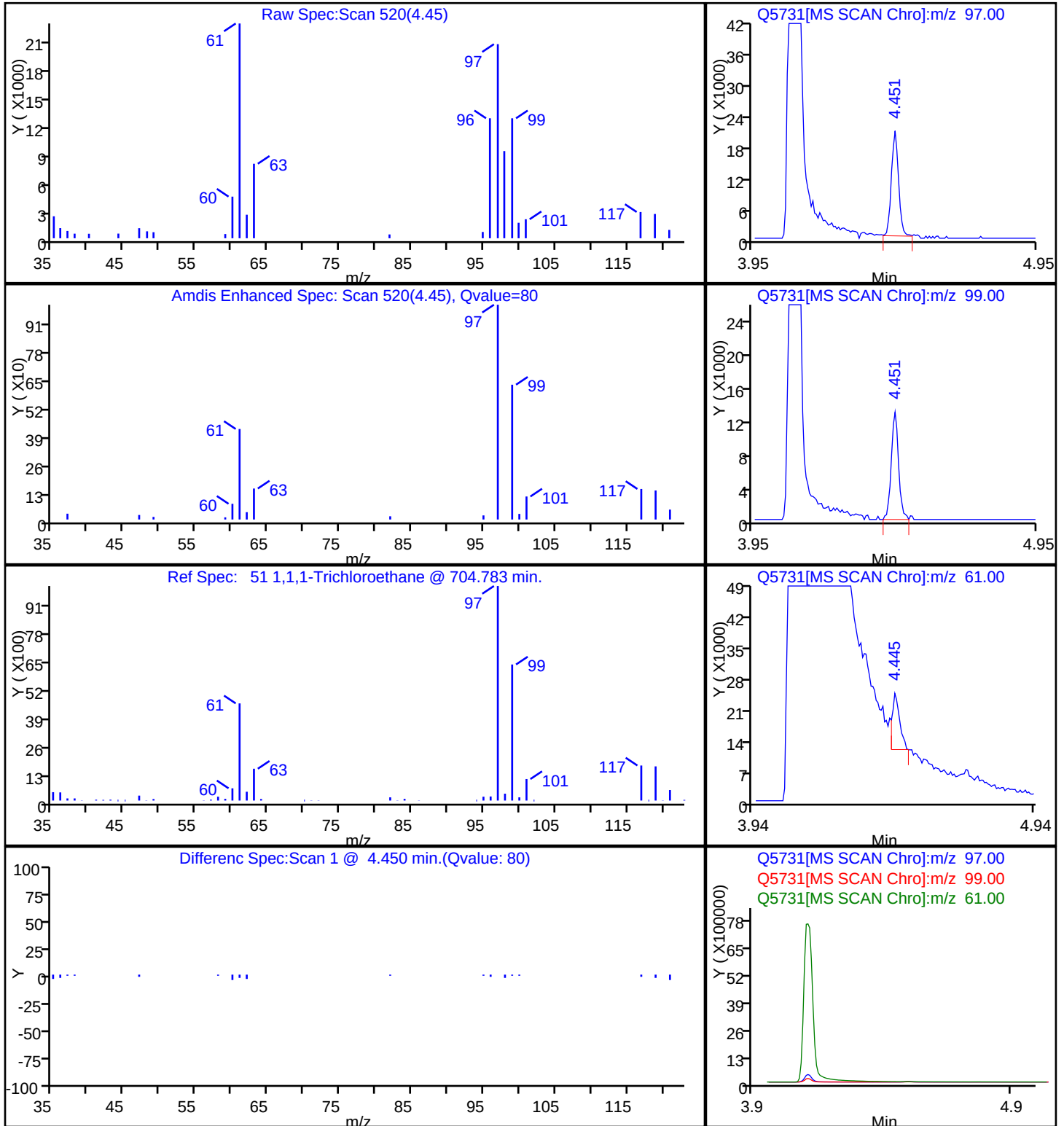
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

51 1,1,1-Trichloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5731.D

Injection Date: 23-Jan-2013 20:50:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 23

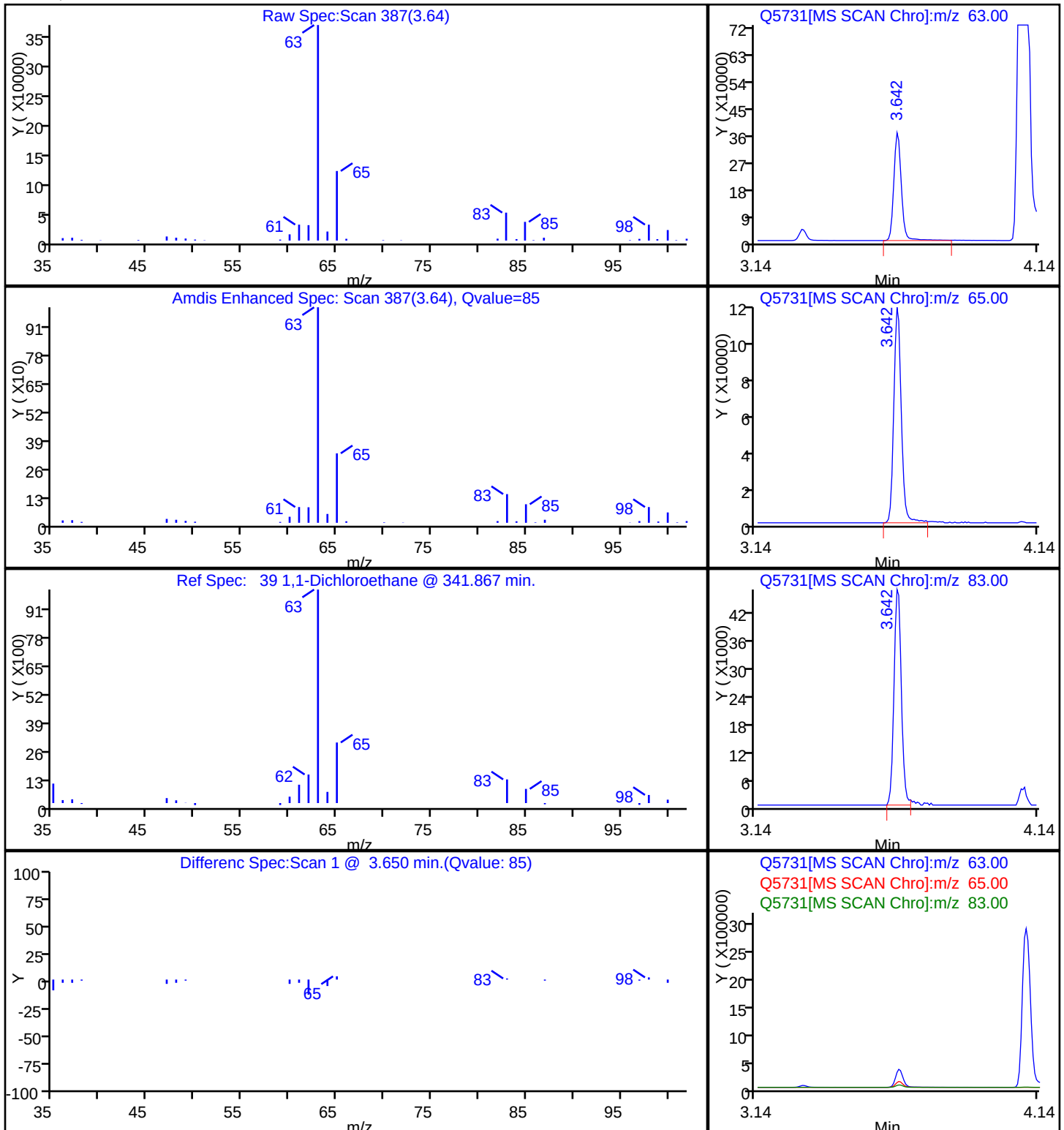
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

39 1,1-Dichloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5731.D

Injection Date: 23-Jan-2013 20:50:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 23

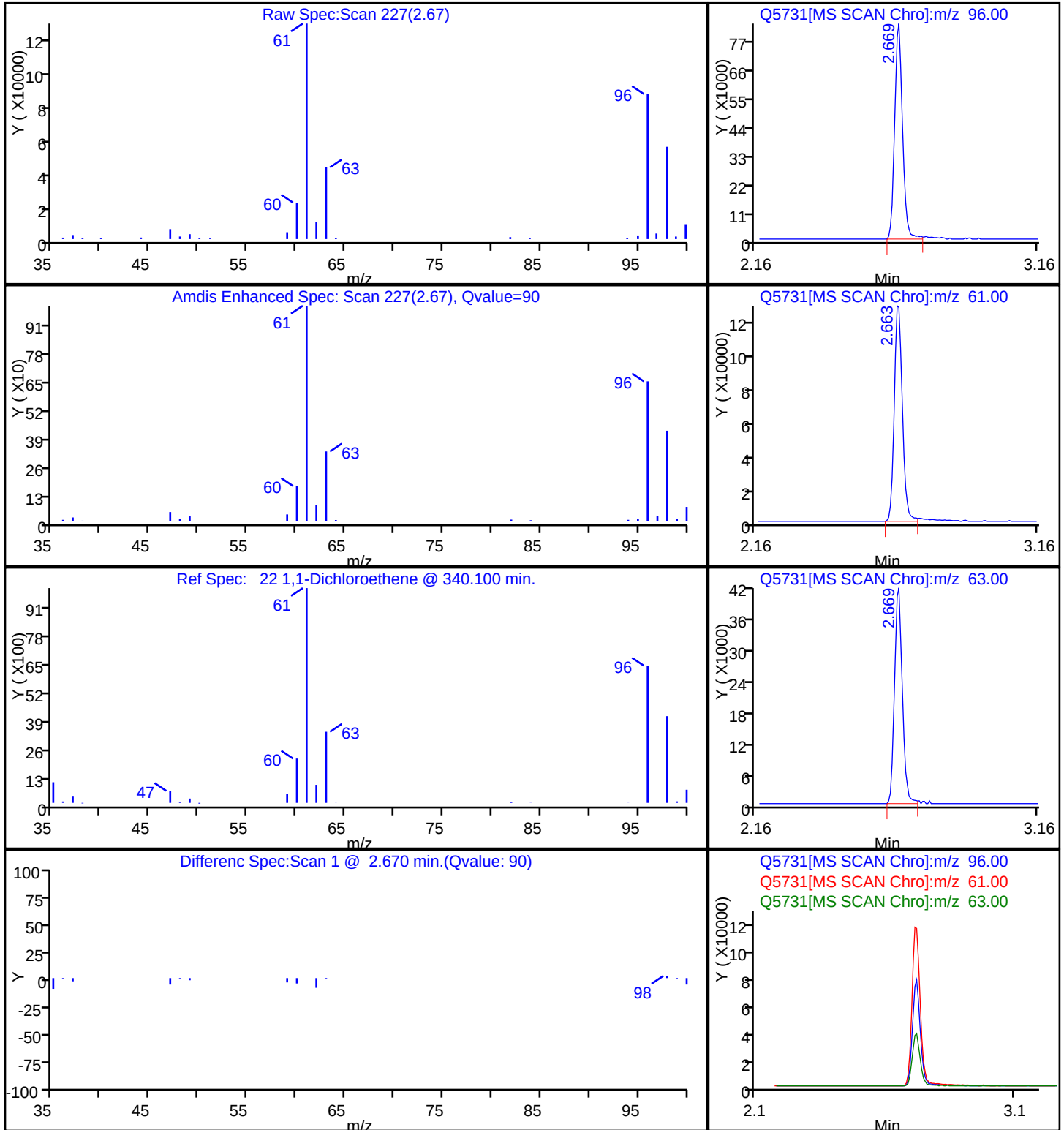
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

22 1,1-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5731.D

Injection Date: 23-Jan-2013 20:50:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 23

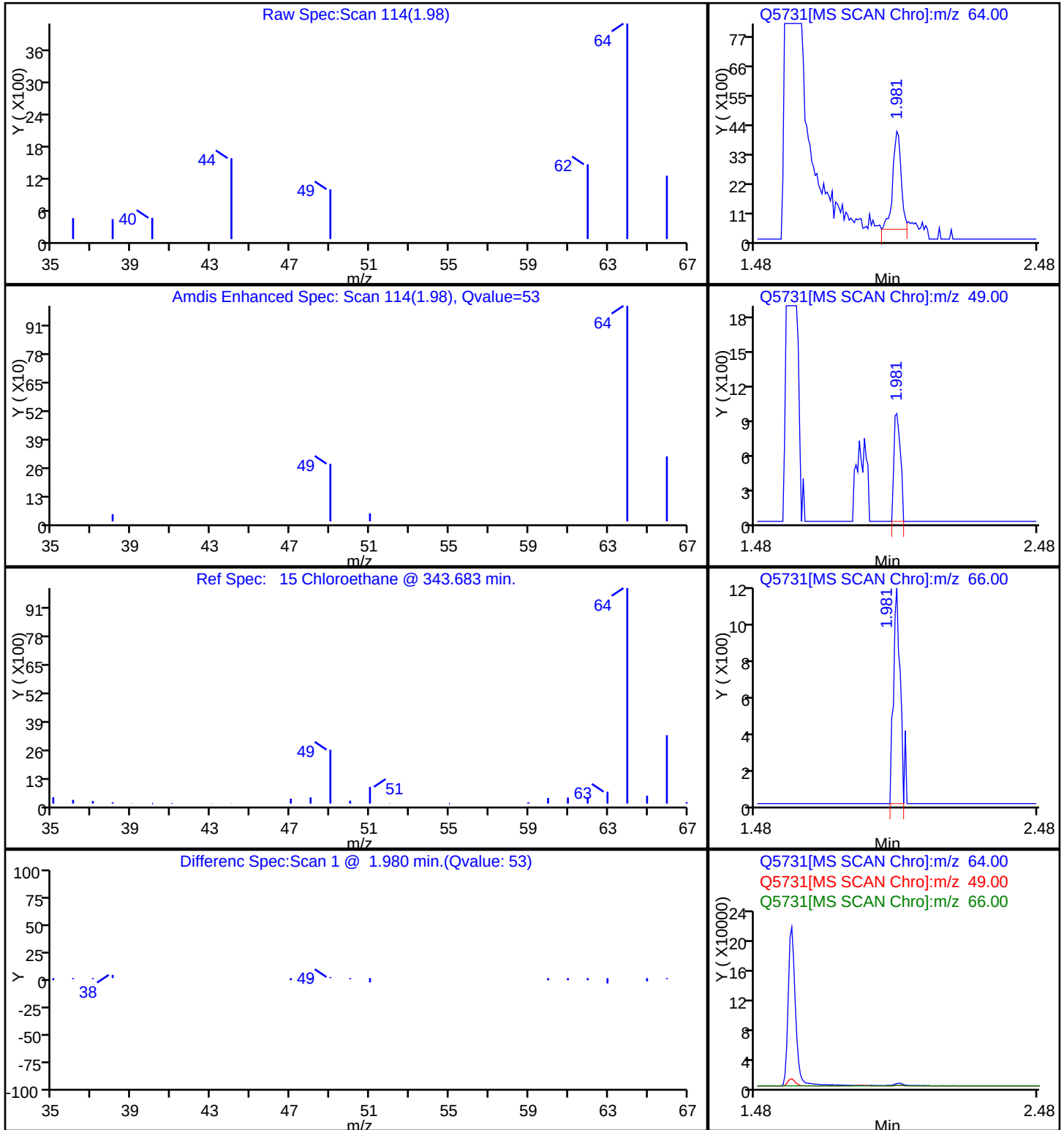
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

15 Chloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5731.D

Injection Date: 23-Jan-2013 20:50:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 23

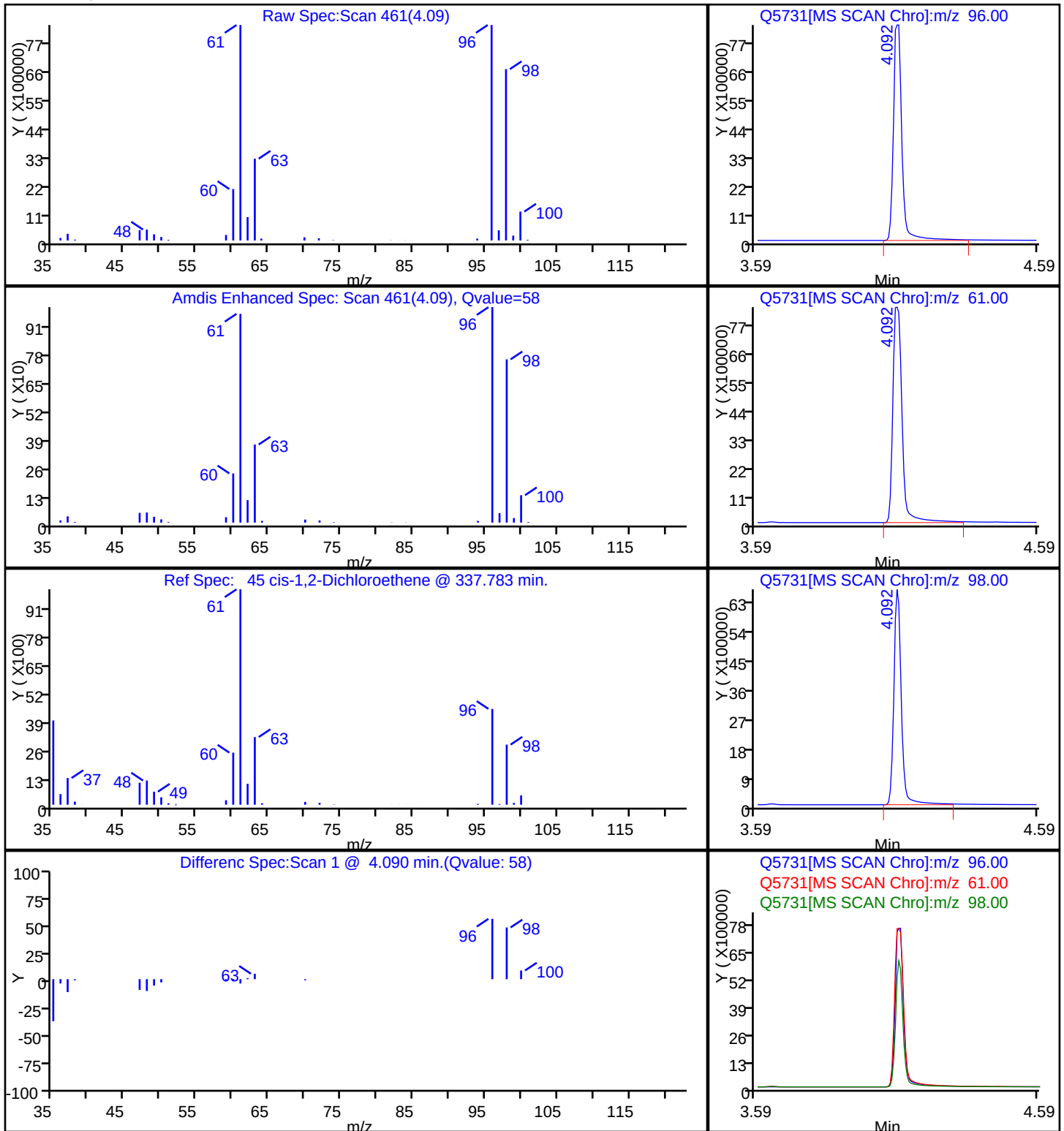
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5731.D

Injection Date: 23-Jan-2013 20:50:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 23

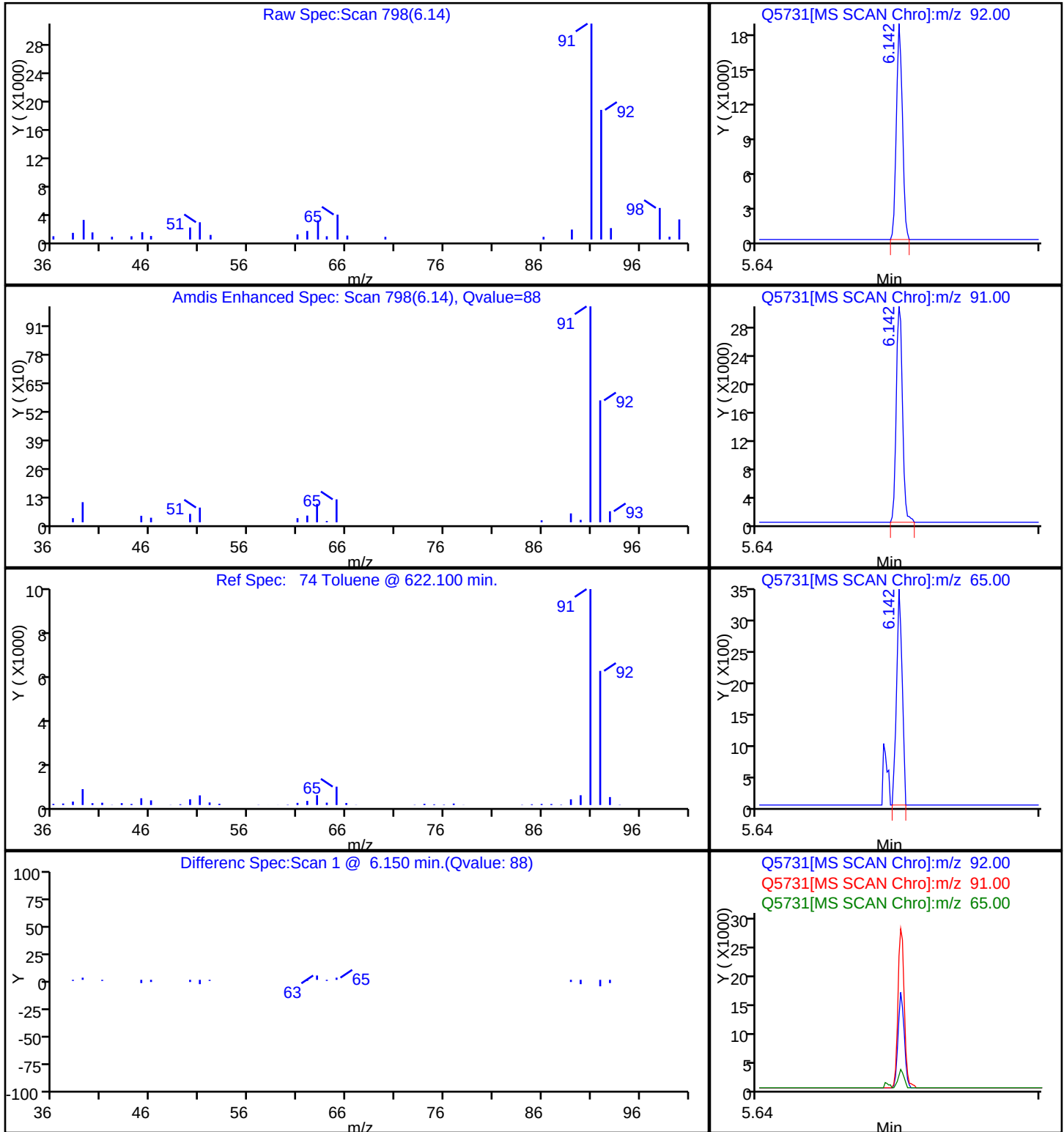
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

74 Toluene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5731.D

Injection Date: 23-Jan-2013 20:50:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 23

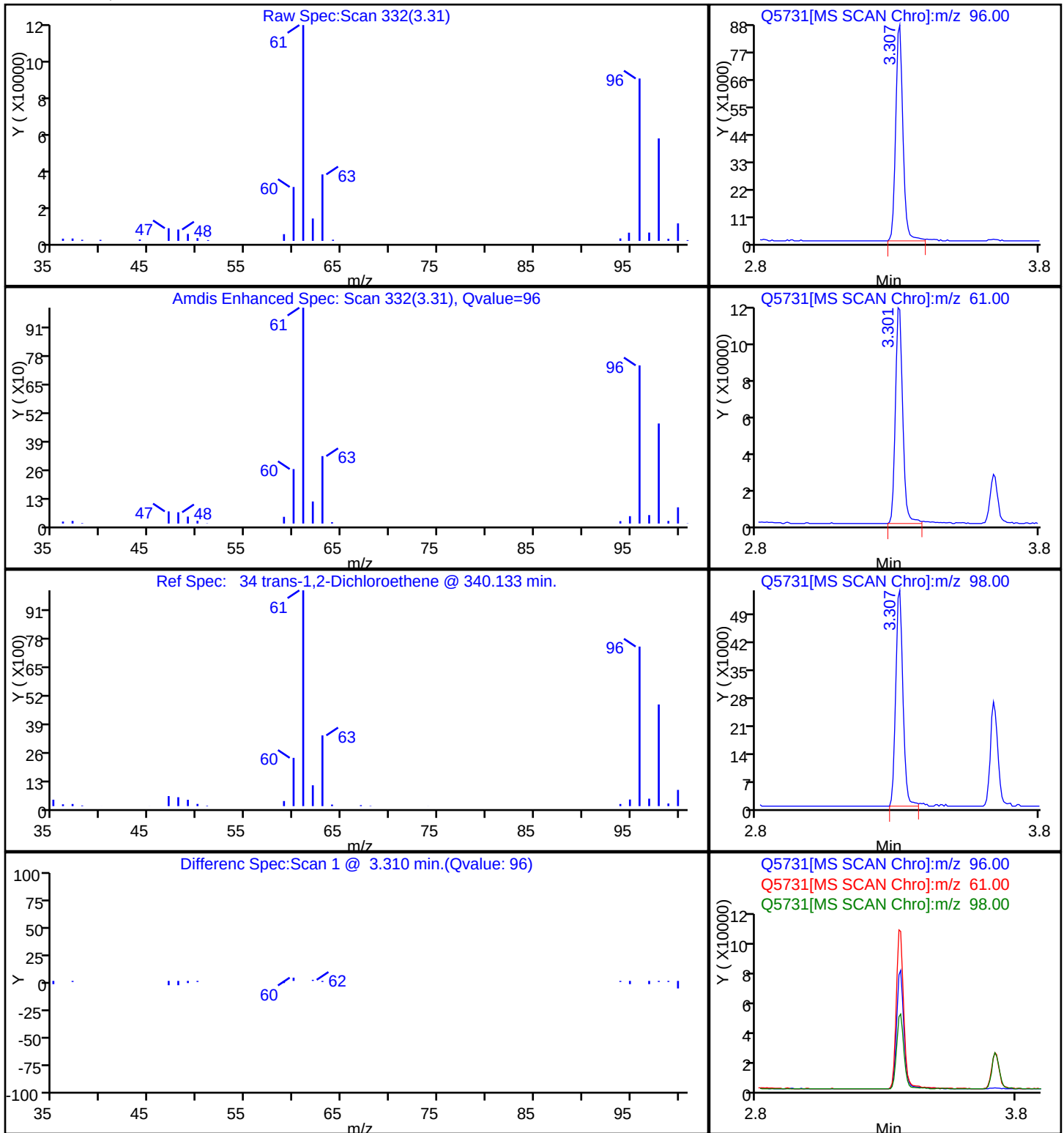
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

34 trans-1,2-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5731.D

Injection Date: 23-Jan-2013 20:50:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 23

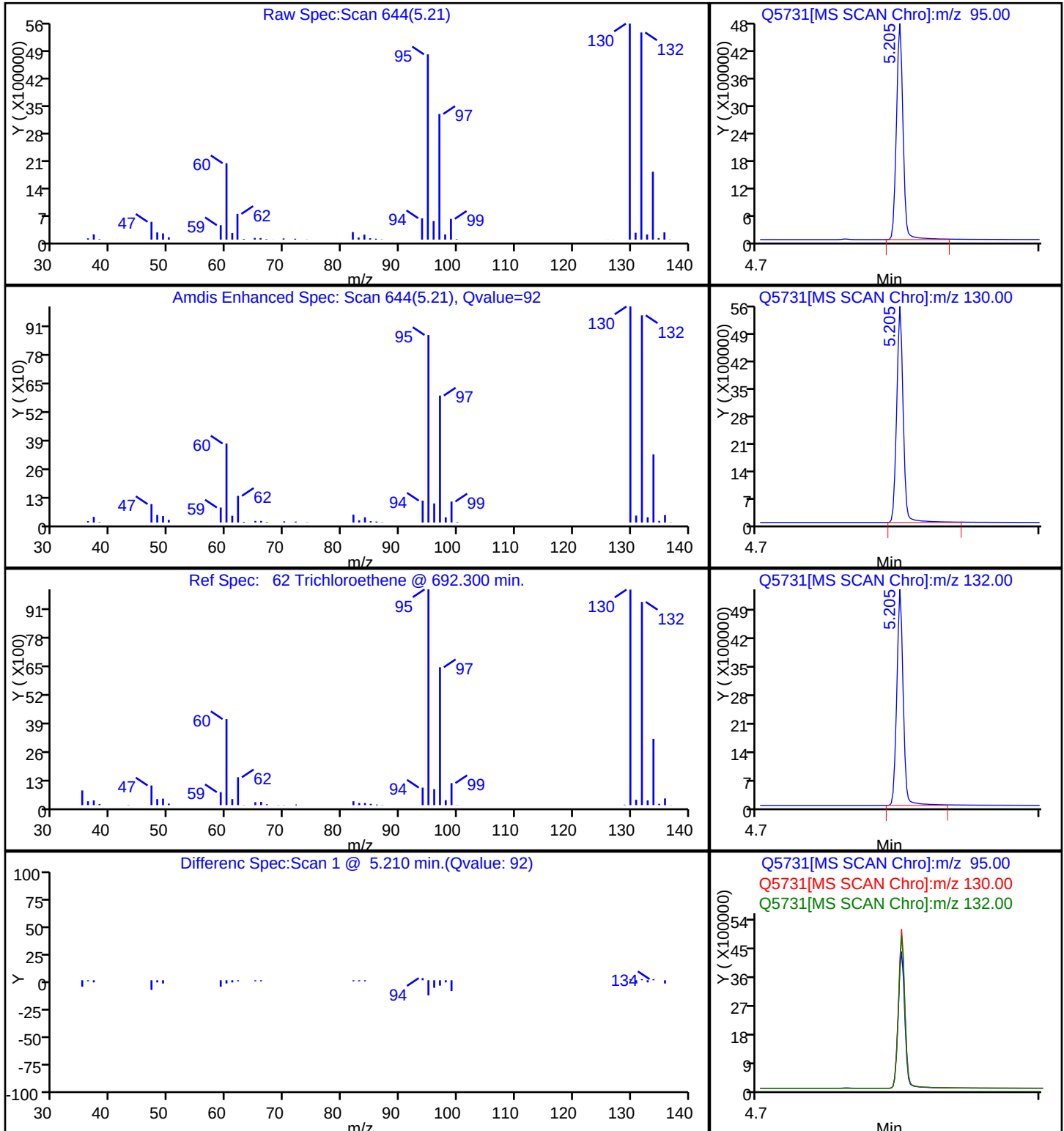
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

62 Trichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5731.D

Injection Date: 23-Jan-2013 20:50:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100709

Lims Sample ID: 23

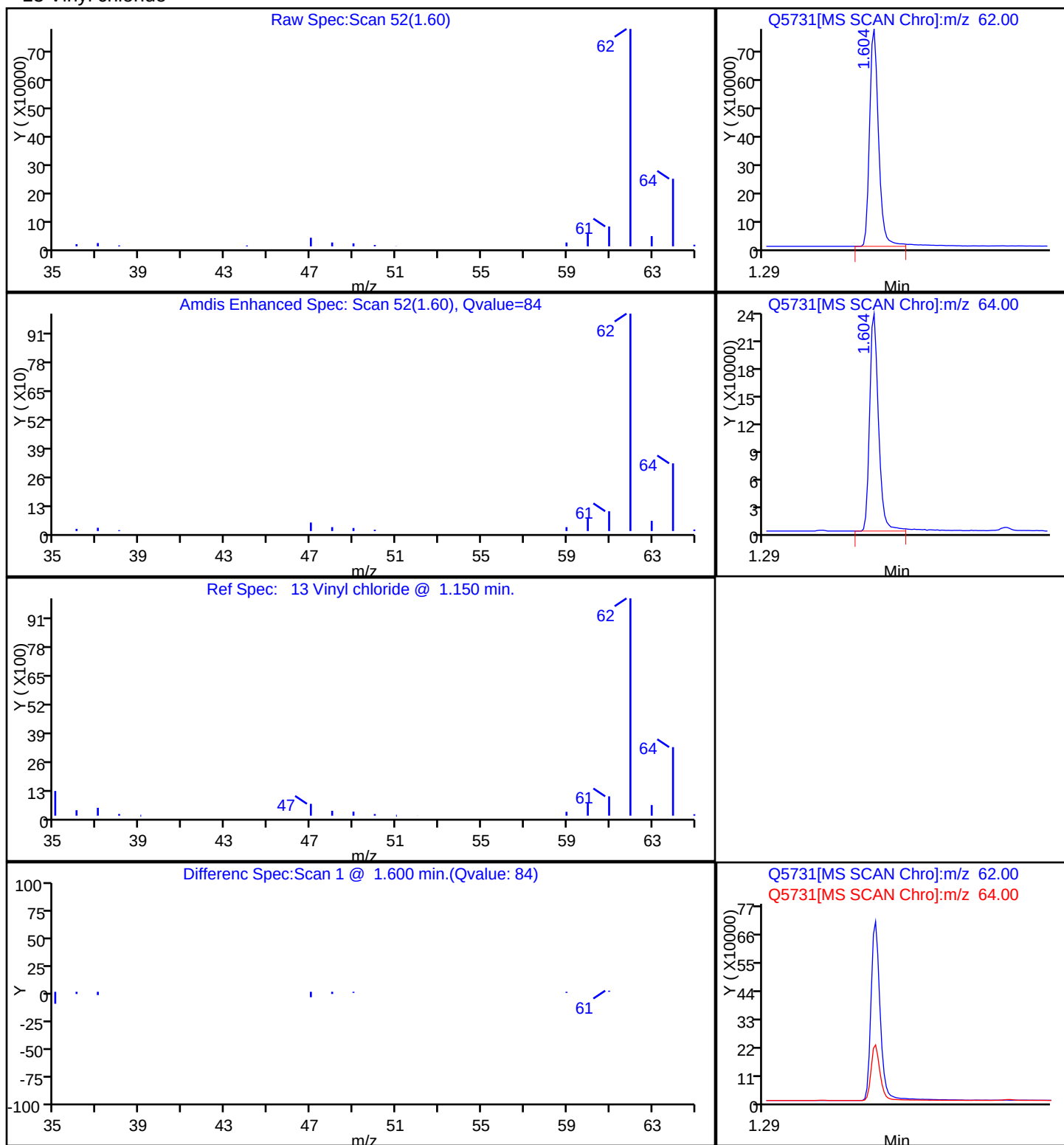
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Client Sample ID: MW-4 DL Lab Sample ID: 480-31886-8 DL

Matrix: Ground Water Lab File ID: Q5767.D

Analysis Method: 8260B Date Collected: 01/21/2013 14:45

Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 13:25

Soil Aliquot Vol: _____ Dilution Factor: 2000

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100891 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	620
79-00-5	1,1,2-Trichloroethane	ND		2000	460
75-34-3	1,1-Dichloroethane	1400	J	2000	760
75-35-4	1,1-Dichloroethene	730	J	2000	580
120-82-1	1,2,4-Trichlorobenzene	ND		2000	820
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2000	780
106-93-4	1,2-Dibromoethane	ND		2000	1500
95-50-1	1,2-Dichlorobenzene	ND		2000	1600
107-06-2	1,2-Dichloroethane	ND		2000	420
78-87-5	1,2-Dichloropropane	ND		2000	1400
541-73-1	1,3-Dichlorobenzene	ND		2000	1600
106-46-7	1,4-Dichlorobenzene	ND		2000	1700
78-93-3	2-Butanone (MEK)	ND		20000	2600
591-78-6	2-Hexanone	ND		10000	2500
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10000	4200
67-64-1	Acetone	ND		20000	6000
71-43-2	Benzene	ND		2000	820
75-27-4	Bromodichloromethane	ND		2000	780
75-25-2	Bromoform	ND		2000	520
74-83-9	Bromomethane	ND		2000	1400
75-15-0	Carbon disulfide	ND		2000	380
56-23-5	Carbon tetrachloride	ND		2000	540
108-90-7	Chlorobenzene	ND		2000	1500
75-00-3	Chloroethane	ND		2000	640
67-66-3	Chloroform	ND		2000	680
74-87-3	Chloromethane	ND		2000	700
156-59-2	cis-1,2-Dichloroethene	95000		2000	1600
10061-01-5	cis-1,3-Dichloropropene	ND		2000	720
110-82-7	Cyclohexane	ND		2000	360
124-48-1	Dibromochloromethane	ND		2000	640
75-71-8	Dichlorodifluoromethane	ND		2000	1400
100-41-4	Ethylbenzene	ND		2000	1500
98-82-8	Isopropylbenzene	ND		2000	1600

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: MW-4 DL Lab Sample ID: 480-31886-8 DL
 Matrix: Ground Water Lab File ID: Q5767.D
 Analysis Method: 8260B Date Collected: 01/21/2013 14:45
 Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 13:25
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100891 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	40000		2000	920
75-69-4	Trichlorofluoromethane	ND		2000	1800
75-01-4	Vinyl chloride	5100		2000	1800
1330-20-7	Xylenes, Total	ND		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		66-137
460-00-4	4-Bromofluorobenzene (Surr)	87		73-120
2037-26-5	Toluene-d8 (Surr)	86		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5767.D
 Lims ID: 480-31886-B-8 Client ID: MW-4
 Inject. Date: 24-Jan-2013 13:25:30 Dil. Factor: 2000.0000
 Sample Type: Client
 Sample ID: 480-31886-B-8
 Misc. Info.: 480-0018521-006
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 5
 Lims Batch ID: 100891 Lims Sample ID: 6
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q-8260.m
 Last Update: 28-Jan-2013 12:26:58 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK001

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.011	5.007	0.004	93	662047	25.0	
* 2 Chlorobenzene-d5	82	7.201	7.203	-0.002	84	320532	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.062	9.064	-0.002	94	322099	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.700	4.697	0.003	89	91311	19.9	
\$ 5 Toluene-d8 (Surr)	98	6.087	6.090	-0.003	83	725217	21.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.125	8.128	-0.003	91	256944	21.7	
10 Dichlorodifluoromethane	85		1.342					
12 Chloromethane	50		1.488					
13 Vinyl chloride	62	1.592	1.579	0.013	85	25371	2.56	
14 Bromomethane	94		1.859					9
15 Chloroethane	64		1.938					
17 Trichlorofluoromethane	101		2.169					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.632					
22 1,1-Dichloroethene	96	2.656	2.653	0.004	51	2758	0.3655	
23 Acetone	43		2.741					
26 Carbon disulfide	76		2.820					
27 Methyl acetate	43		3.003					
30 Methylene Chloride	84		3.082					9
32 Methyl tert-butyl ether	73		3.285					
34 trans-1,2-Dichloroethene	96		3.297					
39 1,1-Dichloroethane	63	3.636	3.638	-0.002	51	10642	0.6931	
45 cis-1,2-Dichloroethene	96	4.086	4.088	-0.002	67	469283	47.5	
43 2-Butanone (MEK)	43		4.104					
50 Chloroform	83		4.329					9
51 1,1,1-Trichloroethane	97		4.438					9
52 Cyclohexane	56		4.463					
55 Carbon tetrachloride	117		4.560					
57 Benzene	78		4.721					9
58 1,2-Dichloroethane	62		4.757					
62 Trichloroethene	95	5.199	5.201	-0.002	95	180148	20.0	
64 Methylcyclohexane	83		5.314					
65 1,2-Dichloropropane	63		5.369					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
68 Dichlorobromomethane	83		5.582					
72 cis-1,3-Dichloropropene	75		5.905					
73 4-Methyl-2-pentanone (MIBK)	43		6.008					9
74 Toluene	92		6.138					9
77 trans-1,3-Dichloropropene	75		6.324					
79 1,1,2-Trichloroethane	83		6.464					
81 Tetrachloroethene	166		6.552					
80 2-Hexanone	43		6.635					
83 Chlorodibromomethane	129		6.774					
84 Ethylene Dibromide	107		6.860					
87 Chlorobenzene	112		7.221					9
88 Ethylbenzene	91		7.288					9
90 m-Xylene & p-Xylene	106		7.379					9
91 o-Xylene	106		7.696					
92 Styrene	104		7.711					
95 Bromoform	173		7.888					
94 Isopropylbenzene	105		7.979					
97 1,1,2,2-Tetrachloroethane	83		8.259					
111 1,3-Dichlorobenzene	146		9.007					9
113 1,4-Dichlorobenzene	146		9.080					9
116 1,2-Dichlorobenzene	146		9.393					9
117 1,2-Dibromo-3-Chloropropane	75		10.041					
119 1,2,4-Trichlorobenzene	180		10.710					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

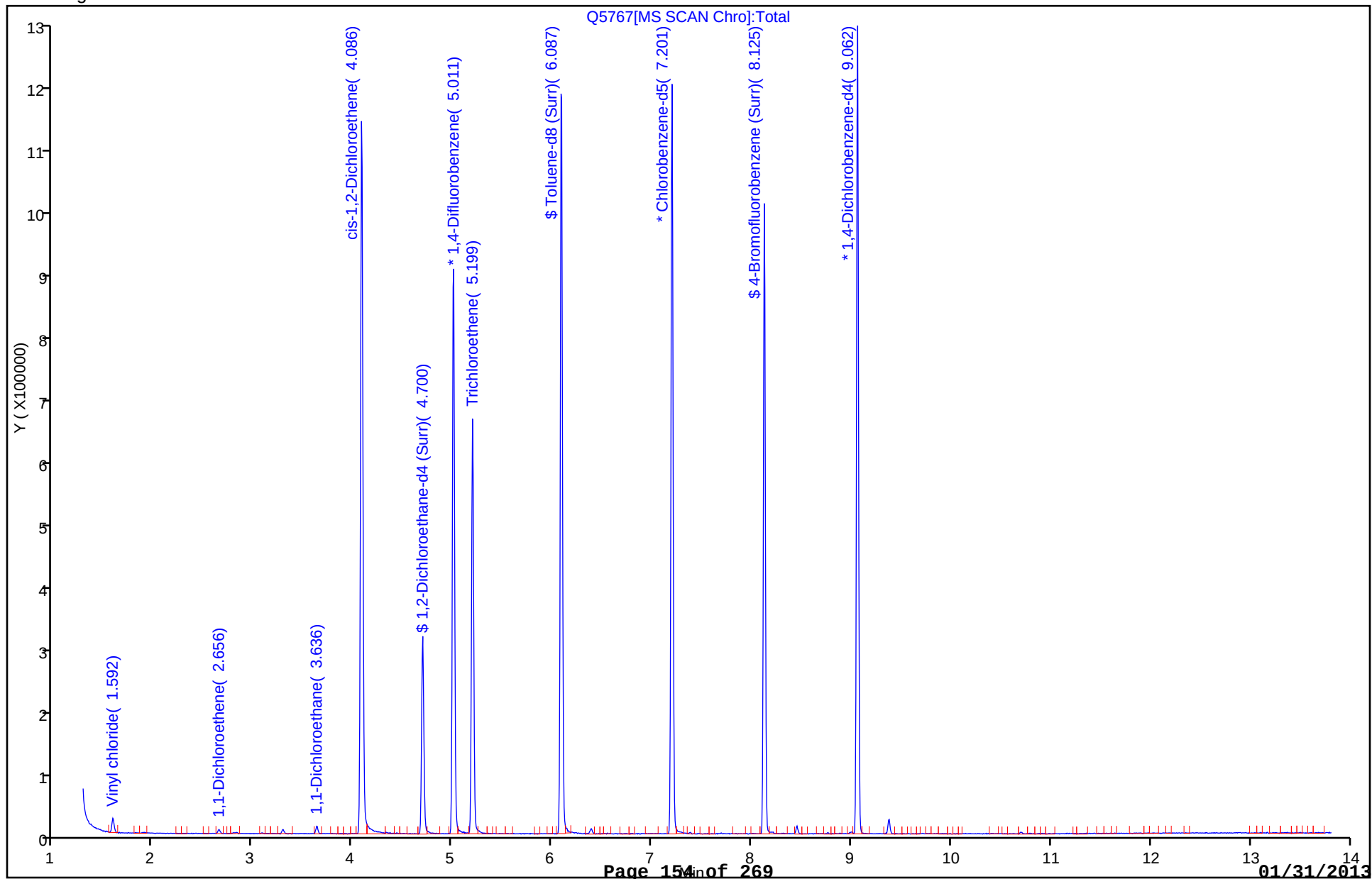
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5767.D
Injection Date: 24-Jan-2013 13:25:30 Limit Group: MV - 8260B ICAL
Client ID: MW-4 Instrument ID: HP5973Q
Lims Batch ID: 100891 Lims Sample ID: 6
Operator ID: jmb Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5767.D

Injection Date: 24-Jan-2013 13:25:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100891

Lims Sample ID: 6

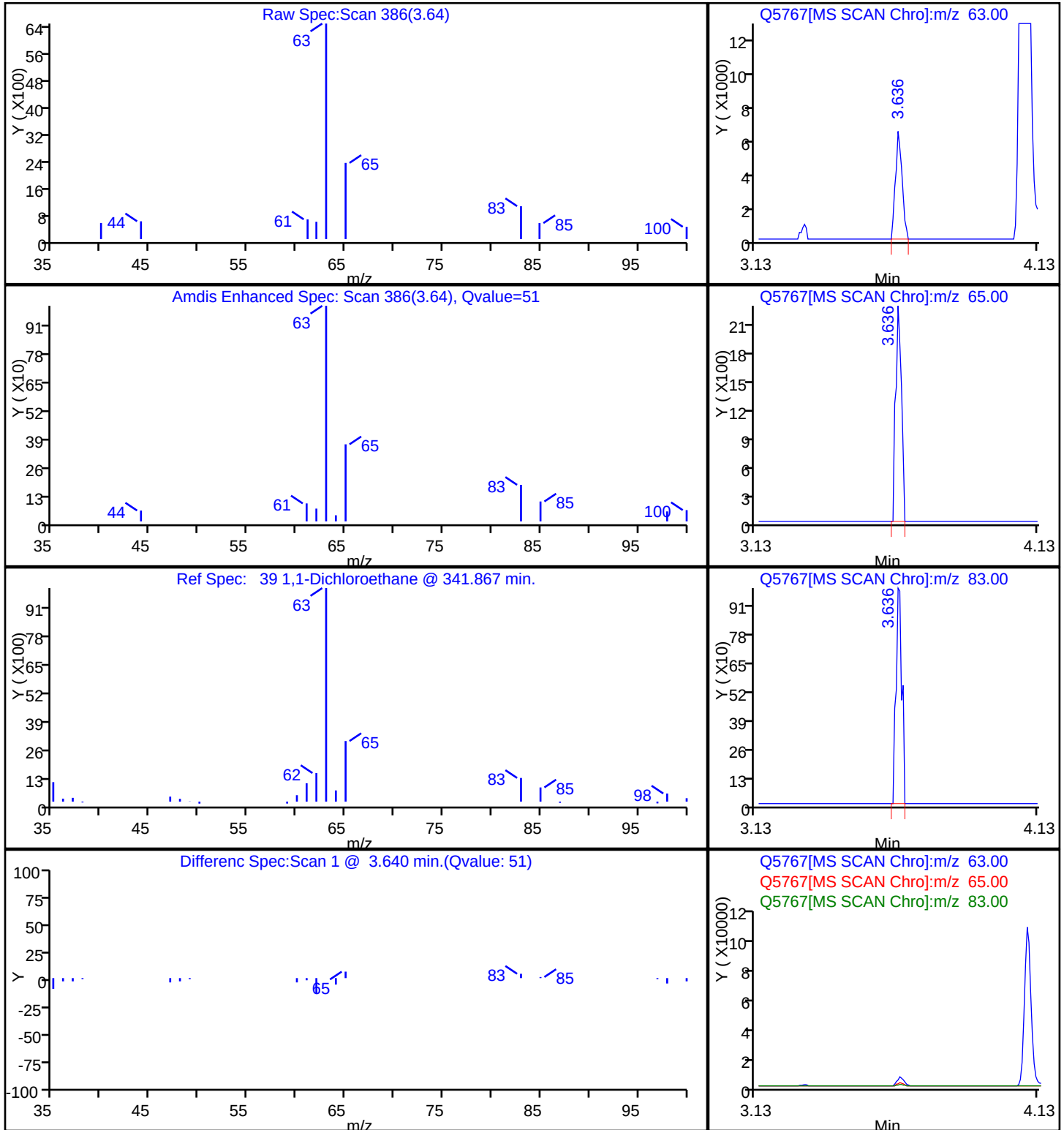
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

39 1,1-Dichloroethane



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5767.D

Injection Date: 24-Jan-2013 13:25:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100891

Lims Sample ID: 6

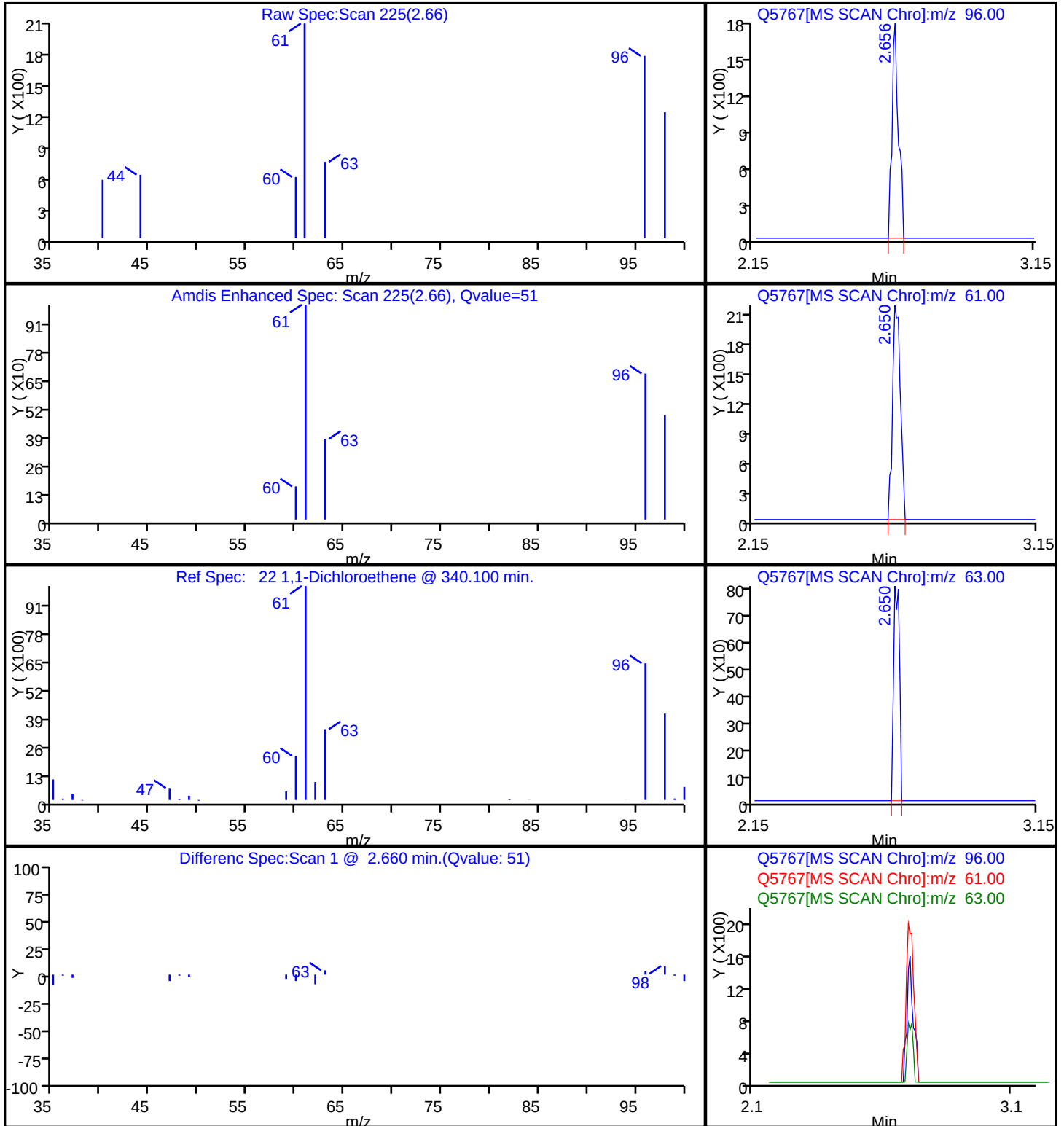
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

22 1,1-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5767.D

Injection Date: 24-Jan-2013 13:25:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100891

Lims Sample ID: 6

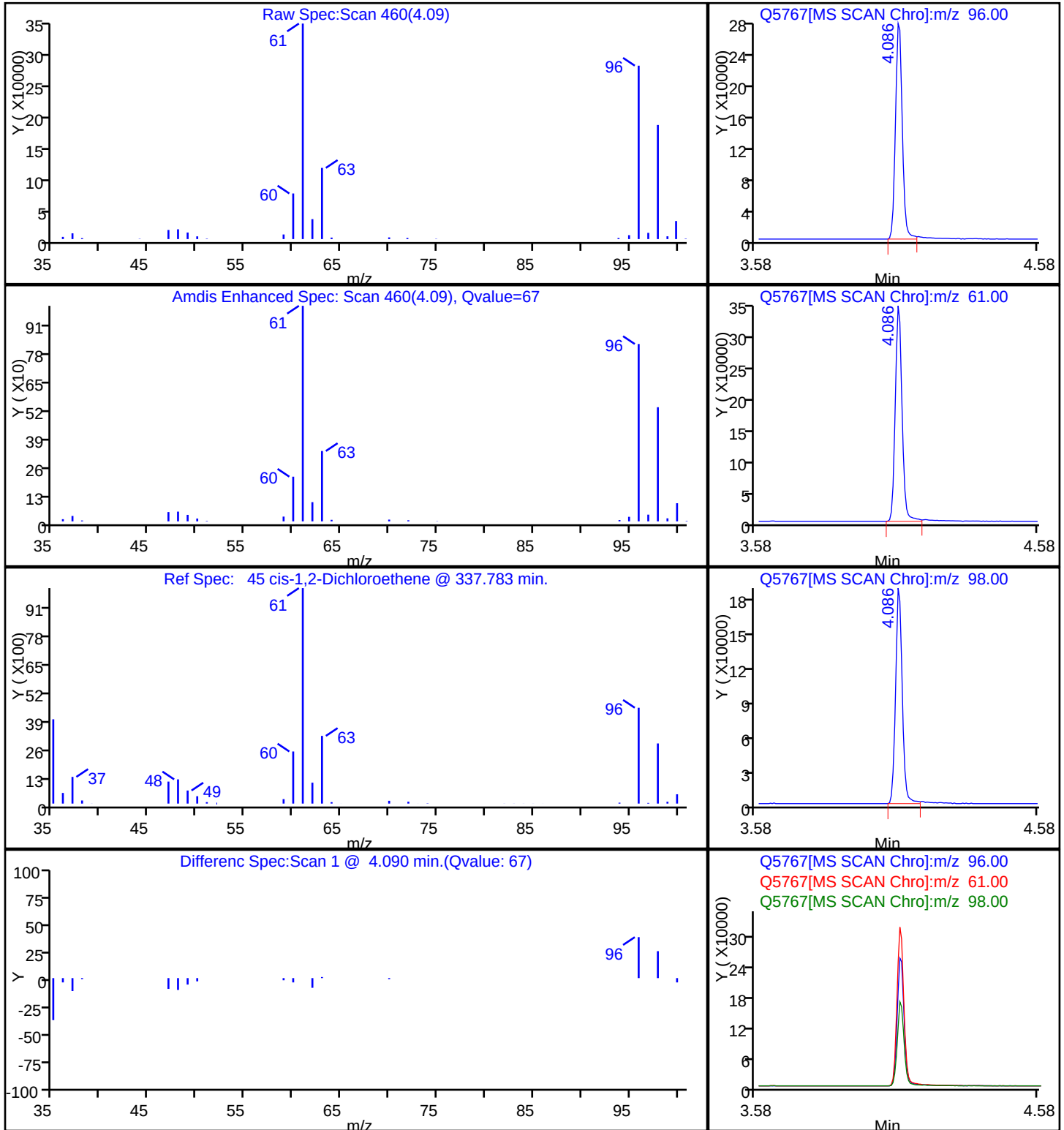
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5767.D

Injection Date: 24-Jan-2013 13:25:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100891

Lims Sample ID: 6

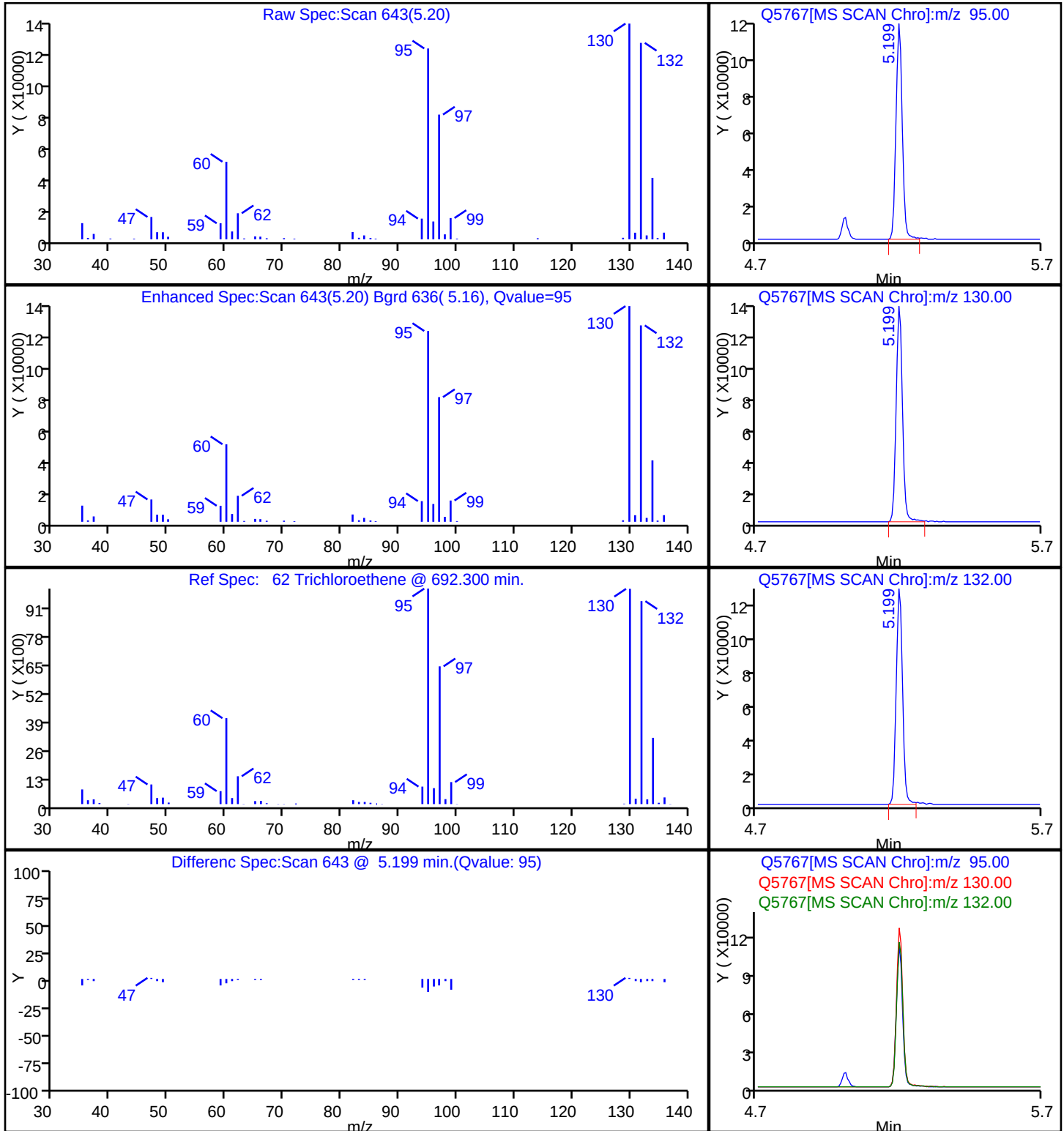
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

62 Trichloroethene



TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5767.D

Injection Date: 24-Jan-2013 13:25:30

Limit Group: MV - 8260B ICAL

Client ID: MW-4

Instrument ID: HP5973Q

Lims Batch ID: 100891

Lims Sample ID: 6

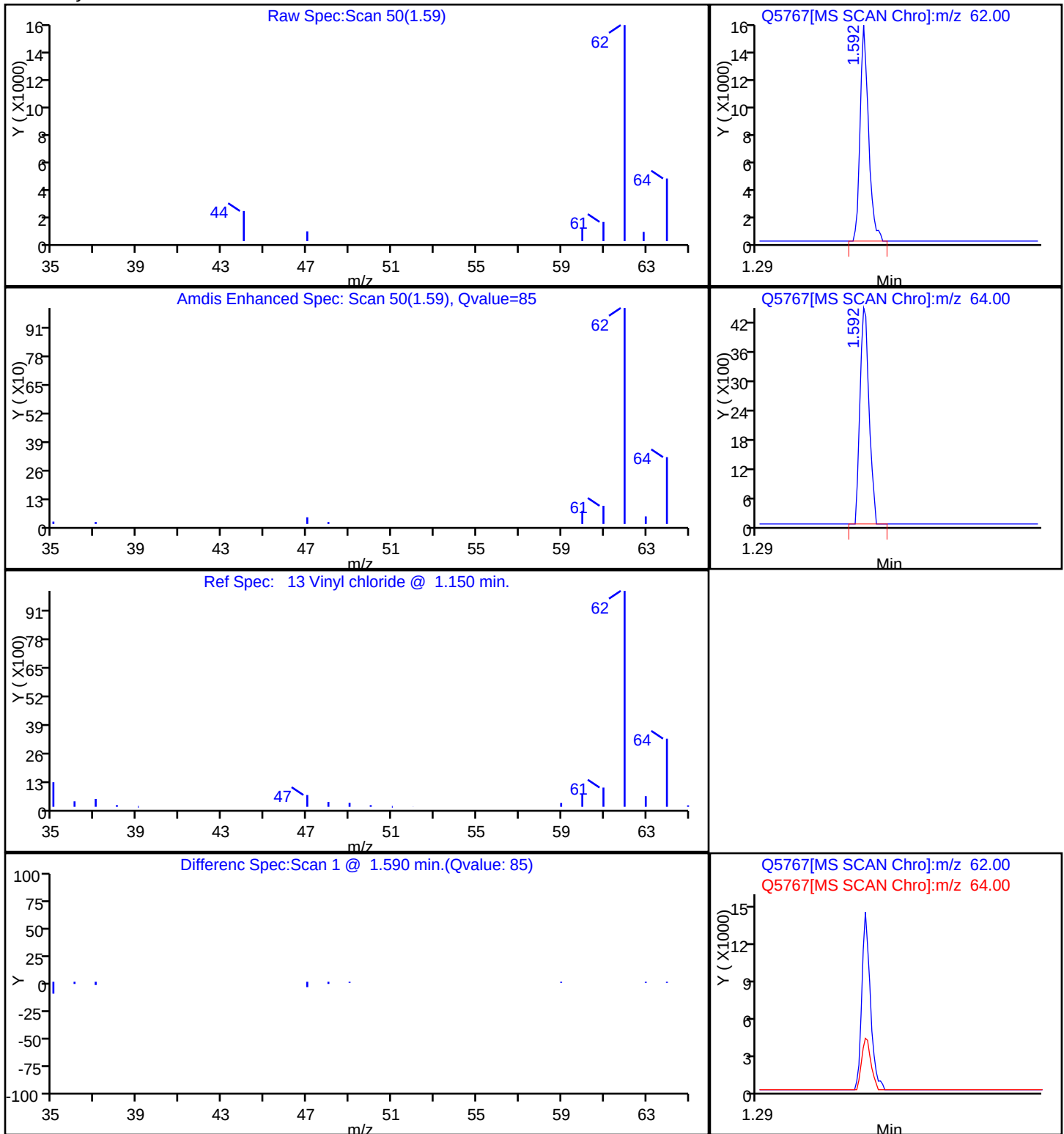
Operator ID: jmb

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Client Sample ID: MW-6 Lab Sample ID: 480-31886-9

Matrix: Ground Water Lab File ID: Q5756.D

Analysis Method: 8260B Date Collected: 01/21/2013 12:50

Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 08:06

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100819 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: MW-6 Lab Sample ID: 480-31886-9
 Matrix: Ground Water Lab File ID: Q5756.D
 Analysis Method: 8260B Date Collected: 01/21/2013 12:50
 Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 08:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100819 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)	80		66-137
460-00-4	4-Bromofluorobenzene (Surr)	87		73-120
2037-26-5	Toluene-d8 (Surr)	87		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5756.D
 Lims ID: 480-31886-B-9 Client ID: MW-6
 Inject. Date: 24-Jan-2013 08:06:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-31886-B-9
 Misc. Info.: 480-0018502-020
 Operator: CDC Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 15
 Lims Batch ID: 100819 Lims Sample ID: 20
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q-8260.m
 Last Update: 24-Jan-2013 10:08:29 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK003

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.010	5.014	-0.004	93	659628	25.0	
* 2 Chlorobenzene-d5	82	7.200	7.198	0.002	84	321831	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.062	9.059	0.003	94	324697	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.700	4.704	-0.004	96	92105	20.1	
\$ 5 Toluene-d8 (Surr)	98	6.093	6.091	0.002	93	736943	21.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.125	8.129	-0.004	92	259697	21.8	
10 Dichlorodifluoromethane	85		1.362					
12 Chloromethane	50		1.508					
13 Vinyl chloride	62		1.599					
14 Bromomethane	94		1.873					
15 Chloroethane	64		1.958					
17 Trichlorofluoromethane	101		2.190					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.652					
22 1,1-Dichloroethene	96		2.659					
23 Acetone	43		2.749					
26 Carbon disulfide	76		2.834					
27 Methyl acetate	43		3.011					
30 Methylene Chloride	84		3.090					
32 Methyl tert-butyl ether	73		3.292					
34 trans-1,2-Dichloroethene	96		3.298					
39 1,1-Dichloroethane	63		3.639					
45 cis-1,2-Dichloroethene	96		4.089					
43 2-Butanone (MEK)	43		4.106					
50 Chloroform	83		4.337					
51 1,1,1-Trichloroethane	97		4.447					
52 Cyclohexane	56		4.471					
55 Carbon tetrachloride	117		4.568					
57 Benzene	78		4.728					
58 1,2-Dichloroethane	62		4.758					
62 Trichloroethene	95		5.202					
64 Methylcyclohexane	83		5.316					
65 1,2-Dichloropropane	63		5.371					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
68 Dichlorobromomethane	83		5.590					
72 cis-1,3-Dichloropropene	75		5.907					
73 4-Methyl-2-pentanone (MIBK)	43		6.010					9
74 Toluene	92		6.139					9
77 trans-1,3-Dichloropropene	75		6.326					
79 1,1,2-Trichloroethane	83		6.472					
81 Tetrachloroethene	166		6.559					
80 2-Hexanone	43		6.637					
83 Chlorodibromomethane	129		6.777					
84 Ethylene Dibromide	107		6.862					
87 Chlorobenzene	112		7.222					
88 Ethylbenzene	91		7.289					9
90 m-Xylene & p-Xylene	106		7.380					
91 o-Xylene	106		7.697					
92 Styrene	104		7.713					
95 Bromoform	173		7.890					
94 Isopropylbenzene	105		7.981					
97 1,1,2,2-Tetrachloroethane	83		8.261					
111 1,3-Dichlorobenzene	146		9.009					
113 1,4-Dichlorobenzene	146		9.082					
116 1,2-Dichlorobenzene	146		9.394					9
117 1,2-Dibromo-3-Chloropropane	75		10.043					
119 1,2,4-Trichlorobenzene	180		10.713					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

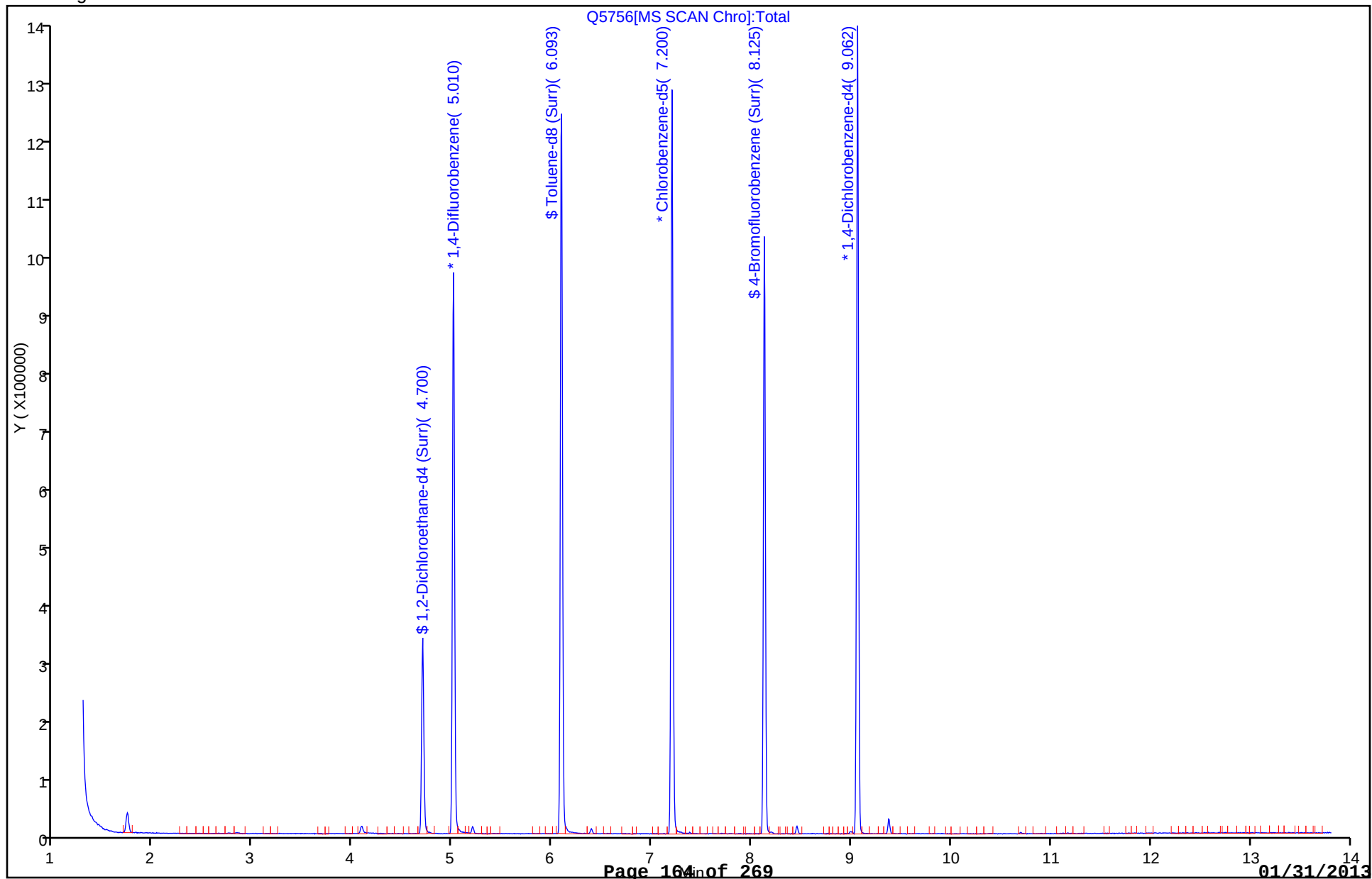
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5756.D
Injection Date: 24-Jan-2013 08:06:30 Limit Group: MV - 8260B ICAL
Client ID: MW-6 Instrument ID: HP5973Q
Lims Batch ID: 100819 Lims Sample ID: 20
Operator ID: CDC Purge Vol: 5.000 mL
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.: 480-31886-1

SDG No.: _____

Client Sample ID: Rinse Blank Lab Sample ID: 480-31886-10

Matrix: Water Lab File ID: Q5757.D

Analysis Method: 8260B Date Collected: 01/21/2013 11:00

Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 08:33

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100819 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: Rinse Blank Lab Sample ID: 480-31886-10
 Matrix: Water Lab File ID: Q5757.D
 Analysis Method: 8260B Date Collected: 01/21/2013 11:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 08:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100819 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)	80		66-137
460-00-4	4-Bromofluorobenzene (Surr)	87		73-120
2037-26-5	Toluene-d8 (Surr)	87		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5757.D
 Lims ID: 480-31886-A-10 Client ID: Rinse Blank
 Inject. Date: 24-Jan-2013 08:33:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-31886-A-10
 Misc. Info.: 480-0018502-021
 Operator: CDC Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 16
 Lims Batch ID: 100819 Lims Sample ID: 21
 Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q-8260.m
 Last Update: 24-Jan-2013 10:08:29 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK003

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.008	5.014	-0.006	93	685432	25.0	
* 2 Chlorobenzene-d5	82	7.198	7.198	0.0	84	321609	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.059	9.059	0.0	94	323941	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.698	4.704	-0.006	96	94773	19.9	
\$ 5 Toluene-d8 (Surr)	98	6.091	6.091	0.0	83	732009	21.7	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.129	8.129	0.0	93	260295	21.9	
10 Dichlorodifluoromethane	85		1.362					
12 Chloromethane	50		1.508					
13 Vinyl chloride	62		1.599					
14 Bromomethane	94		1.873					
15 Chloroethane	64		1.958					9
17 Trichlorofluoromethane	101		2.190					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.652					
22 1,1-Dichloroethene	96		2.659					
23 Acetone	43		2.749					
26 Carbon disulfide	76		2.834					9
27 Methyl acetate	43		3.011					
30 Methylene Chloride	84		3.090					
32 Methyl tert-butyl ether	73		3.292					
34 trans-1,2-Dichloroethene	96		3.298					
39 1,1-Dichloroethane	63		3.639					
45 cis-1,2-Dichloroethene	96		4.089					9
43 2-Butanone (MEK)	43		4.106					
50 Chloroform	83		4.337					9
51 1,1,1-Trichloroethane	97		4.447					
52 Cyclohexane	56		4.471					
55 Carbon tetrachloride	117		4.568					
57 Benzene	78		4.728					
58 1,2-Dichloroethane	62		4.758					
62 Trichloroethene	95		5.202					
64 Methylcyclohexane	83		5.316					
65 1,2-Dichloropropane	63		5.371					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
68 Dichlorobromomethane	83		5.590					
72 cis-1,3-Dichloropropene	75		5.907					
73 4-Methyl-2-pentanone (MIBK)	43		6.010					9
74 Toluene	92		6.139					9
77 trans-1,3-Dichloropropene	75		6.326					
79 1,1,2-Trichloroethane	83		6.472					
81 Tetrachloroethene	166		6.559					
80 2-Hexanone	43		6.637					
83 Chlorodibromomethane	129		6.777					
84 Ethylene Dibromide	107		6.862					
87 Chlorobenzene	112		7.222					
88 Ethylbenzene	91		7.289					9
90 m-Xylene & p-Xylene	106		7.380					
91 o-Xylene	106		7.697					
92 Styrene	104		7.713					
95 Bromoform	173		7.890					
94 Isopropylbenzene	105		7.981					
97 1,1,2,2-Tetrachloroethane	83		8.261					
111 1,3-Dichlorobenzene	146		9.009					
113 1,4-Dichlorobenzene	146		9.082					
116 1,2-Dichlorobenzene	146		9.394					
117 1,2-Dibromo-3-Chloropropane	75		10.043					
119 1,2,4-Trichlorobenzene	180		10.713					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5757.D

Injection Date: 24-Jan-2013 08:33:30

Limit Group: MV - 8260B ICAL

Client ID: Rinse Blank

Instrument ID: HP5973Q

Lims Batch ID: 100819

Lims Sample ID: 21

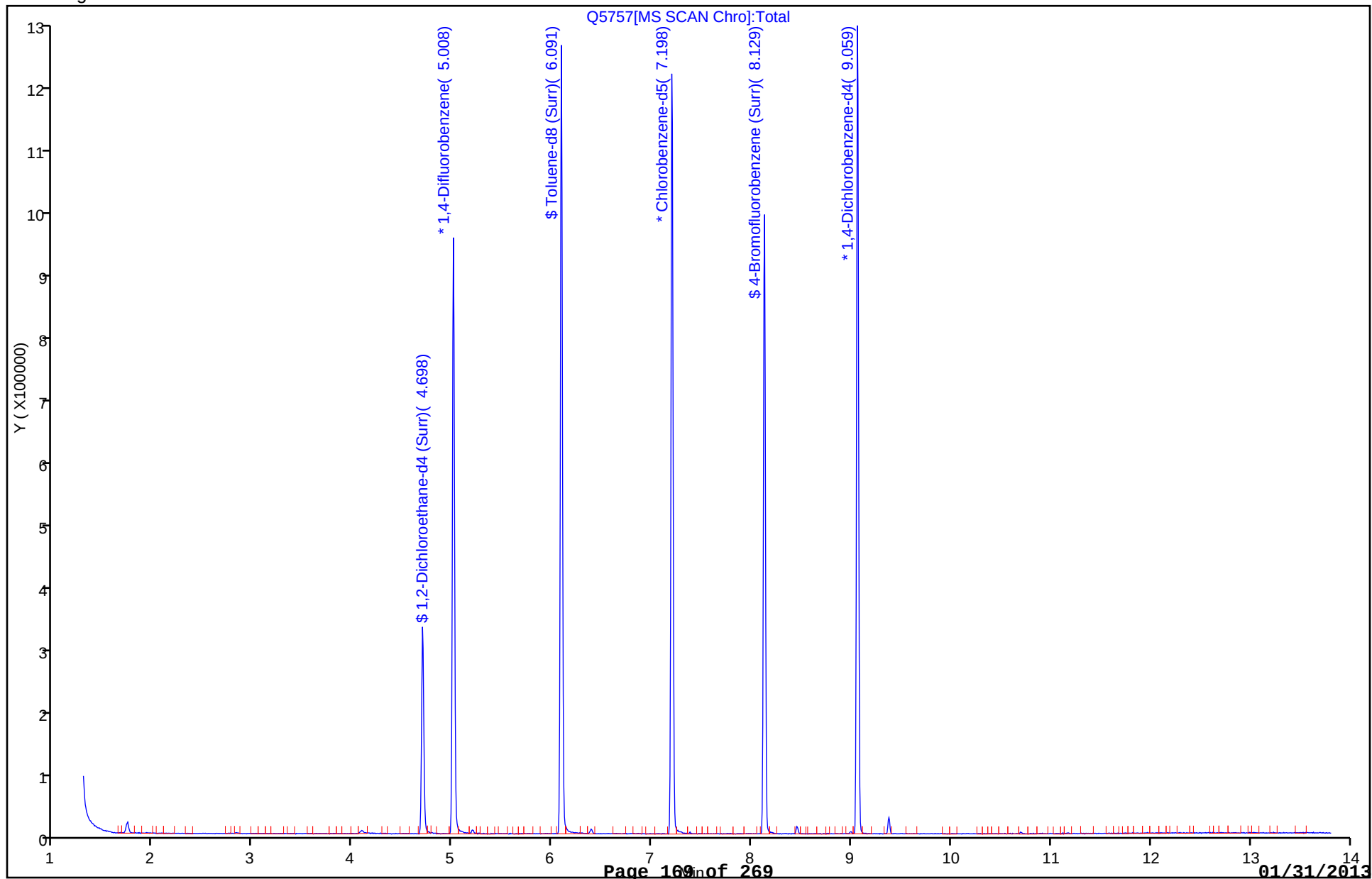
Operator ID: CDC

Purge Vol: 5.000 mL

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.: 480-31886-1 Analy Batch No.: 89987

SDG No.: _____

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2012 16:23 Calibration End Date: 11/09/2012 18:41 Calibration ID: 11113

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-89987/3	Q3886.D
Level 2	IC 480-89987/4	Q3887.D
Level 3	IC 480-89987/5	Q3888.D
Level 4	ICIS 480-89987/6	Q3889.D
Level 5	IC 480-89987/7	Q3890.D
Level 6	IC 480-89987/8	Q3891.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	0.3309 0.3288	0.3311	0.3431	0.3167	0.3312	Ave		0.3303				2.5		15.0			
Chloromethane	0.4032 0.3510	0.3614	0.3861	0.3383	0.3519	Ave		0.3653			0.1000	6.7		15.0			
Vinyl chloride	0.3680 0.3865	0.3658	0.3951	0.3640	0.3696	Ave		0.3748				3.4		30.0			
Bromomethane	0.1129 0.1276	0.0719	0.1092	0.0943	0.1082	Lin	-0.380	0.1276							0.9920		0.9900
Chloroethane	0.1259 0.0850	0.0964	0.0923	0.0836	0.0844	Lin1	0.0459	0.0841							1.0000		0.9900
Trichlorofluoromethane	0.4156 0.4488	0.4478	0.4651	0.4402	0.4476	Ave		0.4442				3.7		15.0			
Acrolein	0.0277 0.0266	0.0273	0.0260	0.0264	0.0263	Ave		0.0267				2.4		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2589 0.2707	0.2884	0.2938	0.2686	0.2705	Ave		0.2752				4.8		15.0			
1,1-Dichloroethene	0.2875 0.2784	0.2856	0.2941	0.2838	0.2801	Ave		0.2849				2.0		30.0			
Acetone	0.1167 0.0907	0.0978	0.0905	0.0960	0.0934	Ave		0.0975				10.0		15.0			
Iodomethane	0.0826 0.3398	0.1193	0.2224	0.2357	0.3027	Lin	-1.376	0.3464							0.9950		0.9900
Carbon disulfide	0.8928 0.8848	0.8960	0.9291	0.8783	0.8772	Ave		0.8930				2.2		15.0			
Acetonitrile	0.0217 0.0202	0.0218	0.0212	0.0213	0.0208	Ave		0.0212				2.8		15.0			
Methyl acetate	0.2886 0.2909	0.2991	0.2855	0.3153	0.2904	Ave		0.2950				3.7		15.0			
Methylene Chloride	0.3961 0.3244	0.3454	0.3452	0.3329	0.3323	Ave		0.3460				7.5		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.: 480-31886-1 Analy Batch No.: 89987

SDG No.: _____

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2012 16:23 Calibration End Date: 11/09/2012 18:41 Calibration ID: 11113

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	0.9449 0.9593	0.9984	0.9741	0.9871	0.9740	Ave		0.9730				2.0		15.0			
trans-1,2-Dichloroethene	0.3616 0.3165	0.3263	0.3349	0.3251	0.3244	Ave		0.3315				4.8		15.0			
Acrylonitrile	0.1148 0.1093	0.1165	0.1143	0.1159	0.1124	Ave		0.1139				2.3		15.0			
1,1-Dichloroethane	0.6115 0.5694	0.5716	0.5922	0.5632	0.5708	Ave		0.5798			0.1000	3.2		15.0			
Vinyl acetate	0.6230 0.5872	0.6437	0.6341	0.6237	0.6156	Ave		0.6212				3.1		15.0			
2,2-Dichloropropane	0.5072 0.4524	0.4912	0.5001	0.4602	0.4588	Ave		0.4783				5.0		15.0			
cis-1,2-Dichloroethene	0.3946 0.3589	0.3709	0.3779	0.3664	0.3677	Ave		0.3727				3.3		15.0			
2-Butanone (MEK)	0.1568 0.1447	0.1536	0.1451	0.1510	0.1467	Ave		0.1496				3.3		15.0			
Bromochloromethane	0.2058 0.1884	0.1913	0.2059	0.1960	0.1958	Ave		0.1972				3.7		15.0			
Tetrahydrofuran	0.1020 0.0942	0.1019	0.0980	0.1009	0.0971	Ave		0.0990				3.2		15.0			
Chloroform	0.6208 0.5245	0.5543	0.5664	0.5389	0.5375	Ave		0.5571				6.2		30.0			
1,1,1-Trichloroethane	0.5375 0.4928	0.5012	0.5190	0.4843	0.4947	Ave		0.5049				3.9		15.0			
Cyclohexane	0.5469 0.4936	0.5428	0.5503	0.5052	0.4920	Ave		0.5218				5.3		15.0			
Carbon tetrachloride	0.4414 0.4373	0.4446	0.4645	0.4314	0.4403	Ave		0.4433				2.6		15.0			
1,1-Dichloropropene	0.4372 0.4192	0.4452	0.4653	0.4293	0.4281	Ave		0.4374				3.7		15.0			
Benzene	1.3683 1.2390	1.3008	1.3514	1.2755	1.2675	Ave		1.3004				3.9		15.0			
1,2-Dichloroethane	0.4682 0.4076	0.4392	0.4498	0.4266	0.4233	Ave		0.4358				4.9		15.0			
Trichloroethene	0.3587 0.3299	0.3366	0.3460	0.3314	0.3338	Ave		0.3394				3.2		15.0			
Methylcyclohexane	0.5242 0.5187	0.5516	0.5535	0.5230	0.5159	Ave		0.5312				3.2		15.0			
1,2-Dichloropropane	0.3619 0.3219	0.3367	0.3494	0.3383	0.3325	Ave		0.3401				4.1		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.: 480-31886-1 Analy Batch No.: 89987

SDG No.: _____

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2012 16:23 Calibration End Date: 11/09/2012 18:41 Calibration ID: 11113

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	0.2363 0.2086	0.2121	0.2185	0.2088	0.2114	Ave		0.2159				4.9		15.0			
Bromodichloromethane	0.4551 0.4326	0.4266	0.4451	0.4301	0.4365	Ave		0.4377				2.4		15.0			
2-Chloroethyl vinyl ether	0.2252 0.2120	0.2281	0.2257	0.2258	0.2191	Ave		0.2226				2.7		15.0			
cis-1,3-Dichloropropene	0.5902 0.5544	0.5573	0.5924	0.5633	0.5620	Ave		0.5699				3.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.6808 0.6786	0.7077	0.6672	0.7188	0.7007	Ave		0.6923				2.9		15.0			
Toluene	1.9352 1.9068	1.8873	1.8947	1.8720	1.9090	Ave		1.9008				1.1		30.0			
trans-1,3-Dichloropropene	1.1572 1.1979	1.1317	1.1422	1.1606	1.1955	Ave		1.1642				2.3		15.0			
Ethyl methacrylate	1.0023 1.0150	0.9797	0.9549	1.0110	1.0193	Ave		0.9970				2.5		15.0			
1,1,2-Trichloroethane	0.6056 0.5487	0.5408	0.5453	0.5485	0.5596	Ave		0.5581				4.3		15.0			
Tetrachloroethene	0.8783 0.8814	0.8836	0.8838	0.8560	0.8765	Ave		0.8766				1.2		15.0			
1,3-Dichloropropane	1.2462 1.1639	1.1698	1.1757	1.1745	1.1866	Ave		1.1861				2.6		15.0			
2-Hexanone	0.5148 0.4808	0.5007	0.4776	0.5068	0.4935	Ave		0.4957				2.9		15.0			
Dibromochloromethane	0.7783 0.8882	0.7767	0.8263	0.8439	0.8745	Ave		0.8313				5.7		15.0			
1,2-Dibromoethane	0.7634 0.7654	0.7168	0.7390	0.7473	0.7542	Ave		0.7477				2.4		15.0			
Chlorobenzene	2.2812 2.1779	2.1421	2.1802	2.1564	2.1779	Ave		2.1859			0.3000	2.2		15.0			
1,1,1,2-Tetrachloroethane	0.7997 0.8051	0.7740	0.7990	0.7818	0.7999	Ave		0.7933				1.6		15.0			
Ethylbenzene	3.7059 3.3484	3.4698	3.5468	3.3993	3.4114	Ave		3.4803				3.7		30.0			
m,p-Xylene	1.4978 1.4357	1.4463	1.4729	1.4320	1.4310	Ave		1.4526				1.9		15.0			
o-Xylene	1.4867 1.4574	1.4162	1.4719	1.4309	1.4641	Ave		1.4545				1.8		15.0			
Styrene	2.5344 2.4431	2.3764	2.4943	2.4426	2.4818	Ave		2.4621				2.2		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.: 480-31886-1 Analy Batch No.: 89987

SDG No.: _____

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2012 16:23 Calibration End Date: 11/09/2012 18:41 Calibration ID: 11113

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								
Bromoform	0.4828 0.6185	0.4992	0.5212	0.5661	0.5943	Ave		0.5470			0.1000	9.9		15.0			
Isopropylbenzene	3.4601 3.2782	3.3485	3.3814	3.3567	3.3563	Ave		3.3635				1.7		15.0			
Bromobenzene	0.9570 0.8797	0.8994	0.8974	0.9097	0.9055	Ave		0.9081				2.9		15.0			
1,1,2,2-Tetrachloroethane	0.8565 0.7885	0.7968	0.7982	0.8341	0.8221	Ave		0.8160			0.3000	3.2		15.0			
1,2,3-Trichloropropane	0.2908 0.2475	0.2571	0.2517	0.2649	0.2570	Ave		0.2615				5.9		15.0			
trans-1,4-Dichloro-2-butene	0.2175 0.2010	0.2255	0.2161	0.2228	0.2131	Ave		0.2160				4.0		15.0			
N-Propylbenzene	4.1534 3.5987	3.9094	3.8731	3.7607	3.6914	Ave		3.8311				5.1		15.0			
2-Chlorotoluene	0.8747 0.8061	0.8184	0.8324	0.8274	0.8188	Ave		0.8296				2.9		15.0			
1,3,5-Trimethylbenzene	2.9003 2.6331	2.7420	2.7830	2.7235	2.6977	Ave		2.7466				3.3		15.0			
4-Chlorotoluene	0.9078 0.8351	0.8763	0.8885	0.8439	0.8467	Ave		0.8664				3.3		15.0			
tert-Butylbenzene	0.6421 0.6297	0.6315	0.6492	0.6338	0.6389	Ave		0.6375				1.2		15.0			
1,2,4-Trimethylbenzene	3.0364 2.6672	2.7702	2.8353	2.7574	2.7648	Ave		2.8052				4.5		15.0			
sec-Butylbenzene	3.5311 3.3760	3.4471	3.4887	3.4151	3.4450	Ave		3.4505				1.6		15.0			
1,3-Dichlorobenzene	1.7499 1.5568	1.6132	1.6638	1.6199	1.5970	Ave		1.6335				4.1		15.0			
4-Isopropyltoluene	3.0087 2.8434	2.9839	3.0016	2.9023	2.8650	Ave		2.9342				2.5		15.0			
1,4-Dichlorobenzene	1.7721 1.6140	1.6656	1.7136	1.6548	1.6576	Ave		1.6796				3.3		15.0			
n-Butylbenzene	2.5224 2.4586	2.5009	2.5474	2.4672	2.5077	Ave		2.5007				1.3		15.0			
1,2-Dichlorobenzene	1.6562 1.5161	1.5406	1.6082	1.5816	1.5783	Ave		1.5802				3.1		15.0			
1,2-Dibromo-3-Chloropropane	0.1402 0.1483	0.1354	0.1325	0.1435	0.1502	Ave		0.1417				4.9		15.0			
1,2,4-Trichlorobenzene	1.1376 1.0559	1.0449	1.0672	1.0660	1.0772	Ave		1.0748				3.0		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.: 480-31886-1 Analy Batch No.: 89987

SDG No.: _____

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2012 16:23 Calibration End Date: 11/09/2012 18:41 Calibration ID: 11113

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	0.4330 0.4018	0.4235	0.4326	0.4103	0.4053	Ave		0.4177				3.3		15.0			
Naphthalene	2.2417 2.2608	2.0975	2.0692	2.3221	2.3150	Ave		2.2177				4.9		15.0			
1,2,3-Trichlorobenzene	0.8710 0.8226	0.8227	0.8100	0.8533	0.8486	Ave		0.8380				2.8		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2111 0.1644	0.1703	0.1787	0.1579	0.1596	Ave		0.1737				11.0		15.0			
Toluene-d8 (Surr)	2.9089 2.6060	2.5602	2.6725	2.4673	2.5498	Ave		2.6275				5.8		15.0			
4-Bromofluorobenzene (Surr)	1.0988 0.8913	0.9086	0.9374	0.8315	0.8841	Ave		0.9253				9.9		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.: 480-31886-1 Analy Batch No.: 89987

SDG No.: _____

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2012 16:23 Calibration End Date: 11/09/2012 18:41 Calibration ID: 11113

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-89987/3	Q3886.D
Level 2	IC 480-89987/4	Q3887.D
Level 3	IC 480-89987/5	Q3888.D
Level 4	ICIS 480-89987/6	Q3889.D
Level 5	IC 480-89987/7	Q3890.D
Level 6	IC 480-89987/8	Q3891.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	11776 1092998	59169	113755	278420	565839	1.00 100	5.00	10.0	25.0	50.0
Chloromethane	DFB	Ave	14351 1166667	64591	128018	297451	601245	1.00 100	5.00	10.0	25.0	50.0
Vinyl chloride	DFB	Ave	13096 1284740	65368	130989	320006	631455	1.00 100	5.00	10.0	25.0	50.0
Bromomethane	DFB	Lin	4019 424243	12843	36213	82938	184795	1.00 100	5.00	10.0	25.0	50.0
Chloroethane	DFB	Lin1	4480 282464	17224	30606	73472	144289	1.00 100	5.00	10.0	25.0	50.0
Trichlorofluoromethane	DFB	Ave	14791 1491986	80031	154210	387046	764704	1.00 100	5.00	10.0	25.0	50.0
Acrolein	DFB	Ave	19730 1769603	97608	172268	464657	899907	20.0 2000	100	200	500	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	DFB	Ave	9215 900029	51530	97420	236115	462213	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloroethene	DFB	Ave	10233 925380	51034	97520	249490	478634	1.00 100	5.00	10.0	25.0	50.0
Acetone	DFB	Ave	20772 1506843	87384	150002	422204	797662	5.00 500	25.0	50.0	125	250
Iodomethane	DFB	Lin	2938 1129642	21318	73722	207182	517190	1.00 100	5.00	10.0	25.0	50.0
Carbon disulfide	DFB	Ave	31775 2941363	160119	308036	772167	1498828	1.00 100	5.00	10.0	25.0	50.0
Acetonitrile	DFB	Ave	30840 2689059	156140	281319	747574	1423605	40.0 4000	200	400	1000	2000
Methyl acetate	DFB	Ave	10270 967051	53445	94645	277234	496257	1.00 100	5.00	10.0	25.0	50.0
Methylene Chloride	DFB	Ave	14095 1078417	61719	114439	292702	567861	1.00 100	5.00	10.0	25.0	50.0
Methyl tert-butyl ether	DFB	Ave	33627 3189012	178410	322955	867812	1664208	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.: 480-31886-1 Analy Batch No.: 89987

SDG No.: _____

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2012 16:23 Calibration End Date: 11/09/2012 18:41 Calibration ID: 11113

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-1,2-Dichloroethene	DFB	Ave	12870 1052020	58304	111037	285825	554343	1.00 100	5.00	10.0	25.0	50.0
Acrylonitrile	DFB	Ave	20429 1817459	104061	189502	509339	960231	5.00 500	25.0	50.0	125	250
1,1-Dichloroethane	DFB	Ave	21763 1892921	102149	196335	495159	975240	1.00 100	5.00	10.0	25.0	50.0
Vinyl acetate	DFB	Ave	110864 9759390	575190	1051183	2741638	5259088	5.00 500	25.0	50.0	125	250
2,2-Dichloropropane	DFB	Ave	18049 1503834	87772	165797	404575	783951	1.00 100	5.00	10.0	25.0	50.0
cis-1,2-Dichloroethene	DFB	Ave	14044 1193067	66278	125299	322112	628307	1.00 100	5.00	10.0	25.0	50.0
2-Butanone (MEK)	DFB	Ave	27894 2405640	137286	240575	663571	1253141	5.00 500	25.0	50.0	125	250
Bromochloromethane	DFB	Ave	7325 626346	34193	68268	172346	334558	1.00 100	5.00	10.0	25.0	50.0
Tetrahydrofuran	DFB	Ave	18153 1564922	91026	162505	443554	829910	5.00 500	25.0	50.0	125	250
Chloroform	DFB	Ave	22094 1743645	99053	187788	473766	918463	1.00 100	5.00	10.0	25.0	50.0
1,1,1-Trichloroethane	DFB	Ave	19128 1638292	89564	172071	425826	845331	1.00 100	5.00	10.0	25.0	50.0
Cyclohexane	DFB	Ave	19464 1640700	97005	182450	444138	840588	1.00 100	5.00	10.0	25.0	50.0
Carbon tetrachloride	DFB	Ave	15710 1453807	79456	154008	379244	752339	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloropropene	DFB	Ave	15561 1393611	79557	154254	377439	731495	1.00 100	5.00	10.0	25.0	50.0
Benzene	DFB	Ave	48696 4118619	232455	448036	1121403	2165620	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane	DFB	Ave	16663 1355064	78483	149123	375093	723266	1.00 100	5.00	10.0	25.0	50.0
Trichloroethene	DFB	Ave	12764 1096628	60156	114710	291348	570376	1.00 100	5.00	10.0	25.0	50.0
Methylcyclohexane	DFB	Ave	18656 1724211	98566	183519	459826	881544	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloropropane	DFB	Ave	12878 1070220	60161	115832	297470	568093	1.00 100	5.00	10.0	25.0	50.0
Dibromomethane	DFB	Ave	8409 693410	37896	72453	183571	361158	1.00 100	5.00	10.0	25.0	50.0
Bromodichloromethane	DFB	Ave	16195 1438130	76237	147566	378102	745873	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.: 480-31886-1 Analy Batch No.: 89987

SDG No.: _____

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2012 16:23 Calibration End Date: 11/09/2012 18:41 Calibration ID: 11113

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	40069 3523693	203799	374084	992408	1872098	5.00 500	25.0	50.0	125	250
cis-1,3-Dichloropropene	DFB	Ave	21003 1842965	99600	196410	495227	960279	1.00 100	5.00	10.0	25.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	55557 4952967	290794	520557	1436433	2677119	5.00 500	25.0	50.0	125	250
Toluene	CBZ	Ave	31587 2783540	155098	295636	748167	1458733	1.00 100	5.00	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	18888 1748590	93004	178223	463867	913509	1.00 100	5.00	10.0	25.0	50.0
Ethyl methacrylate	CBZ	Ave	16360 1481605	80511	148996	404062	778883	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	9885 800974	44445	85081	219210	427607	1.00 100	5.00	10.0	25.0	50.0
Tetrachloroethene	CBZ	Ave	14335 1286622	72617	137910	342094	669752	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichloropropane	CBZ	Ave	20341 1698951	96136	183447	469390	906690	1.00 100	5.00	10.0	25.0	50.0
2-Hexanone	CBZ	Ave	42014 3509117	205724	372648	1012674	1885536	5.00 500	25.0	50.0	125	250
Dibromochloromethane	CBZ	Ave	12704 1296587	63828	128929	337266	668253	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromoethane	CBZ	Ave	12460 1117281	58903	115306	298682	576289	1.00 100	5.00	10.0	25.0	50.0
Chlorobenzene	CBZ	Ave	37233 3179181	176041	340193	861844	1664135	1.00 100	5.00	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	13053 1175288	63605	124675	312452	611216	1.00 100	5.00	10.0	25.0	50.0
Ethylbenzene	CBZ	Ave	60488 4887865	285149	553426	1358581	2606715	1.00 100	5.00	10.0	25.0	50.0
m,p-Xylene	CBZ	Ave	48895 4191526	237715	459660	1144644	2186920	2.00 200	10.0	20.0	50.0	100
o-Xylene	CBZ	Ave	24266 2127459	116384	229672	571884	1118730	1.00 100	5.00	10.0	25.0	50.0
Styrene	CBZ	Ave	41366 3566334	195297	389206	976214	1896407	1.00 100	5.00	10.0	25.0	50.0
Bromoform	CBZ	Ave	7881 902871	41026	81328	226245	454113	1.00 100	5.00	10.0	25.0	50.0
Isopropylbenzene	DCB	Ave	60455 5256546	293461	580153	1436122	2792115	1.00 100	5.00	10.0	25.0	50.0
Bromobenzene	DCB	Ave	16721 1410559	78824	153963	389217	753303	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.: 480-31886-1 Analy Batch No.: 89987

SDG No.: _____

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2012 16:23 Calibration End Date: 11/09/2012 18:41 Calibration ID: 11113

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
1,1,2,2-Tetrachloroethane	DCB	Ave	14965 1264362	69835	136941	356875	683881	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichloropropane	DCB	Ave	5081 396935	22531	43183	113346	213816	1.00 100	5.00	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	19002 1611143	98795	185421	476678	886336	5.00 500	25.0	50.0	125	250
N-Propylbenzene	DCB	Ave	72569 5770389	342617	664511	1608981	3070867	1.00 100	5.00	10.0	25.0	50.0
2-Chlorotoluene	DCB	Ave	15283 1292505	71725	142811	353997	681128	1.00 100	5.00	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	50675 4222153	240309	477475	1165232	2244237	1.00 100	5.00	10.0	25.0	50.0
4-Chlorotoluene	DCB	Ave	15861 1339099	76798	152437	361033	704404	1.00 100	5.00	10.0	25.0	50.0
tert-Butylbenzene	DCB	Ave	11218 1009752	55344	111377	271151	531499	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	53052 4276769	242782	486451	1179699	2300056	1.00 100	5.00	10.0	25.0	50.0
sec-Butylbenzene	DCB	Ave	61695 5413383	302104	598550	1461102	2865854	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichlorobenzene	DCB	Ave	30574 2496253	141384	285467	693068	1328571	1.00 100	5.00	10.0	25.0	50.0
4-Isopropyltoluene	DCB	Ave	52569 4559401	261512	514982	1241707	2383374	1.00 100	5.00	10.0	25.0	50.0
1,4-Dichlorobenzene	DCB	Ave	30963 2587957	145977	294001	707992	1378956	1.00 100	5.00	10.0	25.0	50.0
n-Butylbenzene	DCB	Ave	44071 3942254	219178	437067	1055560	2086149	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichlorobenzene	DCB	Ave	28937 2431107	135016	275921	676663	1312987	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	2450 237812	11865	22741	61414	124964	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	19877 1693157	91572	183108	456088	896163	1.00 100	5.00	10.0	25.0	50.0
Hexachlorobutadiene	DCB	Ave	7566 644238	37113	74228	175522	337169	1.00 100	5.00	10.0	25.0	50.0
Naphthalene	DCB	Ave	39168 3625130	183825	355011	993463	1925808	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	15218 1319095	72102	138976	365073	705942	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFB	Ave	7512 546563	30431	59230	138859	272687	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.: 480-31886-1 Analy Batch No.: 89987

SDG No.: _____

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2012 16:23 Calibration End Date: 11/09/2012 18:41 Calibration ID: 11113

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	47479 3804208	210397	417014	986097	1948327	1.00 100	5.00	10.0	25.0	50.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	17935 1301077	74670	146269	332316	675594	1.00 100	5.00	10.0	25.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3886.D
 Lims ID: IC Client ID:
 Inject. Date: 09-Nov-2012 16:23:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 1
 Sample ID: IC
 Misc. Info.: 480-0016505-003
 Operator: TRB Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 3
 Lims Batch ID: 89987 Lims Sample ID: 3
 Sublist: chrom-Q-8260*sub1
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q-8260.m
 Last Update: 10-Nov-2012 09:40:50 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK018

First Level Reviewer: jonesr

Date: 10-Nov-2012 09:40:50

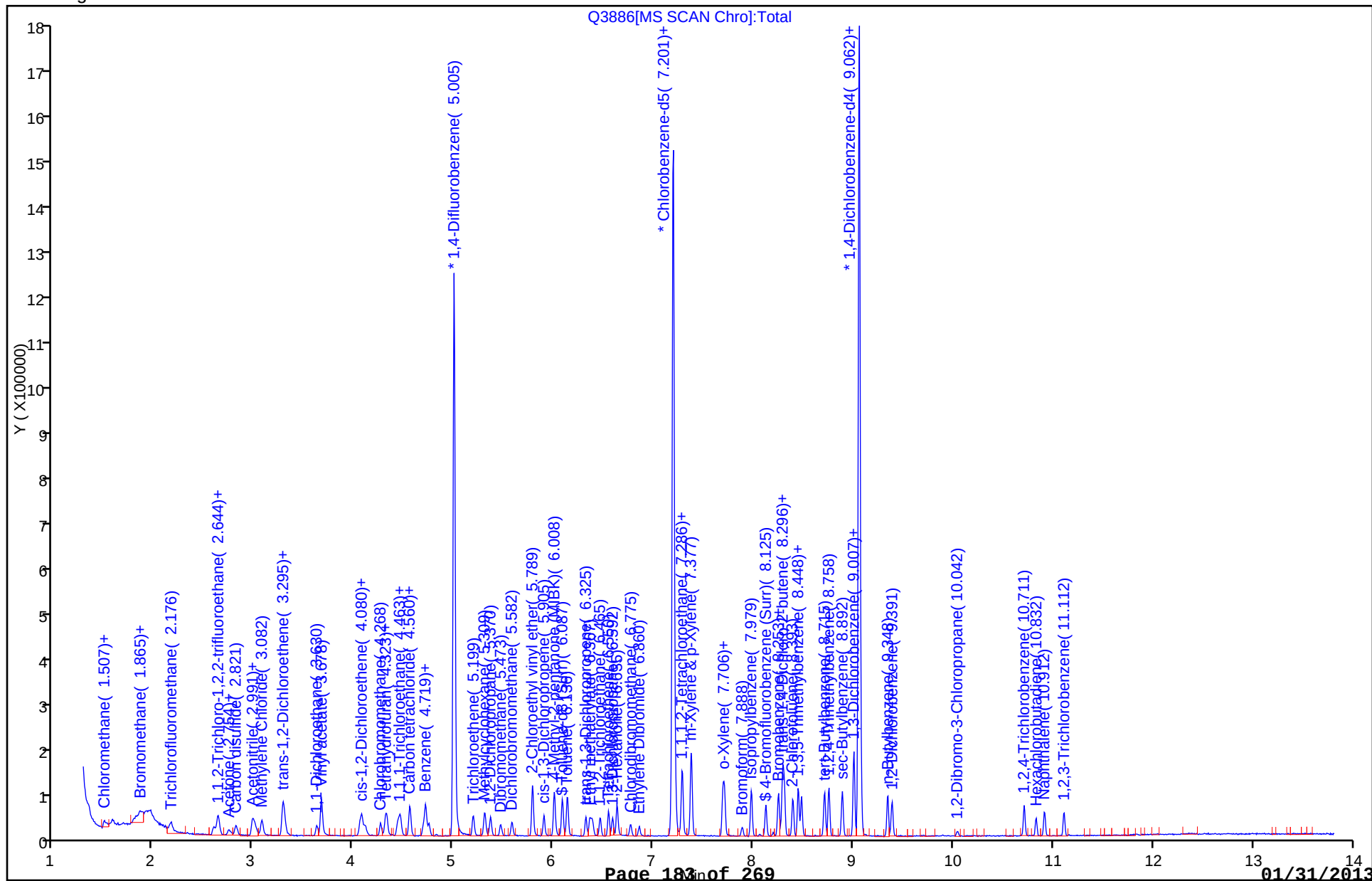
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.005	5.008	-0.003	93	889714	25.0	
* 2 Chlorobenzene-d5	82	7.201	7.198	0.003	82	408050	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.062	9.059	0.003	93	436802	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.700	4.697	0.003	80	7512	1.22	
\$ 5 Toluene-d8 (Surr)	98	6.087	6.090	-0.003	84	47479	1.11	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.125	8.128	-0.003	86	17935	1.19	
10 Dichlorodifluoromethane	85	1.348	1.351	-0.003	68	11776	1.00	
12 Chloromethane	50	1.500	1.504	-0.004	77	14351	1.10	
13 Vinyl chloride	62	1.592	1.589	0.003	68	13096	0.9818	
14 Bromomethane	94	1.859	1.862	-0.003	88	4019	3.86	
15 Chloroethane	64	1.945	1.948	-0.003	69	4480	0.9505	
17 Trichlorofluoromethane	101	2.176	2.173	0.003	78	14791	0.9356	
20 Acrolein	56	2.602	2.599	0.003	88	19730	20.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.638	2.641	-0.003	56	9215	0.9410	
22 1,1-Dichloroethene	96	2.644	2.647	-0.003	83	10233	1.01	
23 Acetone	43	2.748	2.745	0.003	90	20772	5.99	
25 Iodomethane	142	2.784	2.781	0.003	52	2938	4.21	
26 Carbon disulfide	76	2.821	2.824	-0.003	94	31775	1.00	
29 Acetonitrile	40	2.991	2.988	0.003	100	30840	40.9	
27 Methyl acetate	43	3.015	3.006	0.009	92	10270	0.9789	
30 Methylene Chloride	84	3.082	3.085	-0.003	86	14095	1.14	
32 Methyl tert-butyl ether	73	3.295	3.286	0.009	88	33627	0.9711	
34 trans-1,2-Dichloroethene	96	3.289	3.292	-0.003	77	12870	1.09	
33 Acrylonitrile	53	3.307	3.304	0.003	99	20429	5.04	
39 1,1-Dichloroethane	63	3.630	3.633	-0.003	62	21763	1.05	
37 Vinyl acetate	43	3.678	3.675	0.003	96	110864	5.01	
44 2,2-Dichloropropane	77	4.068	4.065	0.003	79	18049	1.06	
45 cis-1,2-Dichloroethene	96	4.086	4.083	0.003	77	14044	1.06	
43 2-Butanone (MEK)	43	4.116	4.101	0.015	94	27894	5.24	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Chlorobromomethane	128	4.268	4.271	-0.003	82	7325	1.04	
49 Tetrahydrofuran	42	4.317	4.302	0.015	89	18153	5.15	
50 Chloroform	83	4.329	4.332	-0.003	84	22094	1.11	
51 1,1,1-Trichloroethane	97	4.439	4.442	-0.003	77	19128	1.06	
52 Cyclohexane	56	4.463	4.466	-0.003	84	19464	1.05	
55 Carbon tetrachloride	117	4.560	4.557	0.003	81	15710	1.00	
54 1,1-Dichloropropene	75	4.560	4.563	-0.003	85	15561	1.00	
57 Benzene	78	4.719	4.722	-0.003	93	48696	1.05	
58 1,2-Dichloroethane	62	4.755	4.752	0.003	89	16663	1.07	
62 Trichloroethene	95	5.193	5.196	-0.003	79	12764	1.06	
64 Methylcyclohexane	83	5.309	5.312	-0.003	80	18656	0.9869	
65 1,2-Dichloropropane	63	5.370	5.367	0.004	86	12878	1.06	
67 Dibromomethane	93	5.473	5.470	0.003	76	8409	1.09	
68 Dichlorobromomethane	83	5.582	5.586	-0.004	85	16195	1.04	
69 2-Chloroethyl vinyl ether	63	5.789	5.786	0.003	87	40069	5.06	
72 cis-1,3-Dichloropropene	75	5.905	5.902	0.003	74	21003	1.04	
73 4-Methyl-2-pentanone (MIBK)	43	6.008	6.005	0.003	95	55557	4.92	
74 Toluene	92	6.142	6.139	0.003	95	31587	1.02	
77 trans-1,3-Dichloropropene	75	6.325	6.322	0.003	81	18888	0.99	
75 Ethyl methacrylate	69	6.361	6.364	-0.003	79	16360	1.01	
79 1,1,2-Trichloroethane	83	6.471	6.468	0.003	80	9885	1.09	
81 Tetrachloroethene	166	6.550	6.553	-0.003	92	14335	1.00	
82 1,3-Dichloropropane	76	6.592	6.589	0.003	79	20341	1.05	
80 2-Hexanone	43	6.635	6.632	0.003	95	42014	5.19	
83 Chlorodibromomethane	129	6.775	6.772	0.003	65	12704	0.9363	
84 Ethylene Dibromide	107	6.860	6.857	0.003	73	12460	1.02	
87 Chlorobenzene	112	7.219	7.222	-0.003	86	37233	1.04	
89 1,1,1,2-Tetrachloroethane	131	7.286	7.283	0.003	70	13053	1.01	
88 Ethylbenzene	91	7.292	7.289	0.003	96	60488	1.06	
90 m-Xylene & p-Xylene	106	7.377	7.380	-0.003	97	48895	2.06	
91 o-Xylene	106	7.693	7.696	-0.003	91	24266	1.02	
92 Styrene	104	7.712	7.709	0.003	89	41366	1.03	
95 Bromoform	173	7.894	7.891	0.003	76	7881	0.8827	
94 Isopropylbenzene	105	7.979	7.982	-0.003	89	60455	1.03	
101 Bromobenzene	156	8.253	8.250	0.003	87	16721	1.05	
97 1,1,2,2-Tetrachloroethane	83	8.253	8.256	-0.003	77	14965	1.05	
100 1,2,3-Trichloropropane	110	8.290	8.287	0.003	61	5081	1.11	
98 trans-1,4-Dichloro-2-butene	53	8.296	8.293	0.003	86	19002	5.04	
99 N-Propylbenzene	91	8.308	8.311	-0.003	88	72569	1.08	
103 2-Chlorotoluene	126	8.393	8.396	-0.003	93	15283	1.05	
102 1,3,5-Trimethylbenzene	105	8.448	8.451	-0.003	82	50675	1.06	
105 4-Chlorotoluene	126	8.484	8.481	0.003	90	15861	1.05	
106 tert-Butylbenzene	134	8.715	8.712	0.003	80	11218	1.01	
107 1,2,4-Trimethylbenzene	105	8.758	8.755	0.003	91	53052	1.08	
109 sec-Butylbenzene	105	8.892	8.889	0.003	84	61695	1.02	
111 1,3-Dichlorobenzene	146	9.007	9.004	0.003	70	30574	1.07	
110 4-Isopropyltoluene	119	9.007	9.004	0.003	93	52569	1.03	
113 1,4-Dichlorobenzene	146	9.080	9.077	0.003	84	30963	1.06	
115 n-Butylbenzene	91	9.342	9.345	-0.003	91	44071	1.01	
116 1,2-Dichlorobenzene	146	9.391	9.388	0.003	91	28937	1.05	
117 1,2-Dibromo-3-Chloropropane	75	10.042	10.039	0.003	29	2450	0.9896	
119 1,2,4-Trichlorobenzene	180	10.711	10.714	-0.003	80	19877	1.06	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
120 Hexachlorobutadiene	225	10.832	10.829	0.003	63	7566	1.04	
121 Naphthalene	128	10.912	10.915	-0.003	84	39168	1.01	
122 1,2,3-Trichlorobenzene	180	11.112	11.109	0.003	78	15218	1.04	
S 125 1,2-Dichloroethene, Total	1				0		2.15	
S 126 1,3-Dichloropropene, Total	1				0		2.03	
S 123 Total BTEX	1				0		6.22	
S 124 Xylenes, Total	1				0		3.08	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3886.D
Injection Date: 09-Nov-2012 16:23:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 89987 Lims Sample ID: 3
Operator ID: TRB Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm
Y Scaling:



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3887.D
 Lims ID: IC 2 Client ID:
 Inject. Date: 09-Nov-2012 16:51:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 2
 Sample ID: IC 2
 Misc. Info.: 480-0016505-004
 Operator: TRB Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 4
 Lims Batch ID: 89987 Lims Sample ID: 4
 Sublist: chrom-Q-8260*sub1
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q-8260.m
 Last Update: 10-Nov-2012 09:41:23 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK018

First Level Reviewer: jonesr

Date: 10-Nov-2012 09:41:23

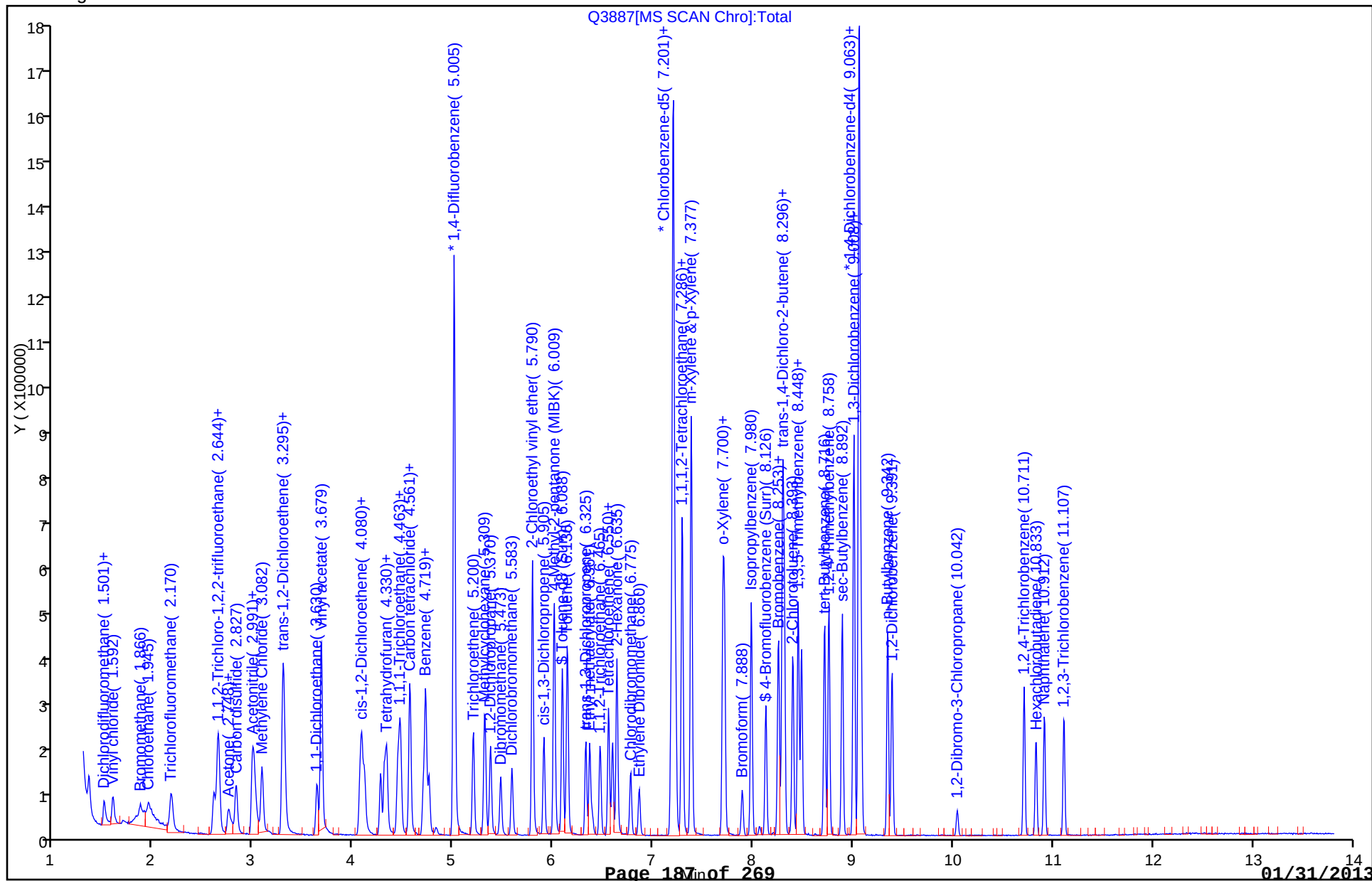
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.005	5.008	-0.003	93	893523	25.0	
* 2 Chlorobenzene-d5	82	7.201	7.198	0.003	84	410901	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.063	9.059	0.004	91	438200	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.695	4.697	-0.002	96	30431	4.90	
\$ 5 Toluene-d8 (Surr)	98	6.088	6.090	-0.002	81	210397	4.87	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.126	8.128	-0.002	91	74670	4.91	
10 Dichlorodifluoromethane	85	1.349	1.351	-0.002	87	59169	5.01	
12 Chloromethane	50	1.501	1.504	-0.003	100	64591	4.95	
13 Vinyl chloride	62	1.592	1.589	0.003	96	65368	4.88	
14 Bromomethane	94	1.866	1.862	0.004	89	12843	5.80	
15 Chloroethane	64	1.951	1.948	0.003	90	17224	5.18	
17 Trichlorofluoromethane	101	2.176	2.173	0.003	82	80031	5.04	
20 Acrolein	56	2.602	2.599	0.003	95	97608	102.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.638	2.641	-0.003	76	51530	5.24	
22 1,1-Dichloroethene	96	2.644	2.647	-0.003	89	51034	5.01	
23 Acetone	43	2.748	2.745	0.003	100	87384	25.1	
25 Iodomethane	142	2.784	2.781	0.003	84	21318	5.69	
26 Carbon disulfide	76	2.827	2.824	0.003	98	160119	5.02	
29 Acetonitrile	40	2.991	2.988	0.003	99	156140	206.3	
27 Methyl acetate	43	3.009	3.006	0.003	95	53445	5.07	
30 Methylene Chloride	84	3.082	3.085	-0.003	89	61719	4.99	
32 Methyl tert-butyl ether	73	3.289	3.286	0.003	89	178410	5.13	
34 trans-1,2-Dichloroethene	96	3.289	3.292	-0.003	65	58304	4.92	
33 Acrylonitrile	53	3.308	3.304	0.004	98	104061	25.6	
39 1,1-Dichloroethane	63	3.636	3.633	0.003	93	102149	4.93	
37 Vinyl acetate	43	3.679	3.675	0.004	97	575190	25.9	
44 2,2-Dichloropropane	77	4.068	4.065	0.003	88	87772	5.13	
45 cis-1,2-Dichloroethene	96	4.086	4.083	0.003	81	66278	4.98	
43 2-Butanone (MEK)	43	4.111	4.101	0.010	95	137286	25.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Chlorobromomethane	128	4.269	4.271	-0.002	93	34193	4.85	
49 Tetrahydrofuran	42	4.305	4.302	0.003	88	91026	25.7	
50 Chloroform	83	4.330	4.332	-0.002	93	99053	4.97	
51 1,1,1-Trichloroethane	97	4.445	4.442	0.003	89	89564	4.96	
52 Cyclohexane	56	4.463	4.466	-0.003	89	97005	5.20	
55 Carbon tetrachloride	117	4.561	4.557	0.004	87	79456	5.02	
54 1,1-Dichloropropene	75	4.567	4.563	0.004	95	79557	5.09	
57 Benzene	78	4.719	4.722	-0.003	96	232455	5.00	
58 1,2-Dichloroethane	62	4.755	4.752	0.003	95	78483	5.04	
62 Trichloroethene	95	5.200	5.196	0.004	94	60156	4.96	
64 Methylcyclohexane	83	5.309	5.312	-0.003	88	98566	5.19	
65 1,2-Dichloropropane	63	5.370	5.367	0.004	94	60161	4.95	
67 Dibromomethane	93	5.473	5.470	0.003	87	37896	4.91	
68 Dichlorobromomethane	83	5.583	5.586	-0.003	98	76237	4.87	
69 2-Chloroethyl vinyl ether	63	5.790	5.786	0.004	93	203799	25.6	
72 cis-1,3-Dichloropropene	75	5.905	5.902	0.003	90	99600	4.89	
73 4-Methyl-2-pentanone (MIBK)	43	6.009	6.005	0.004	96	290794	25.6	
74 Toluene	92	6.136	6.139	-0.003	95	155098	4.96	
77 trans-1,3-Dichloropropene	75	6.325	6.322	0.003	89	93004	4.86	
75 Ethyl methacrylate	69	6.361	6.364	-0.003	88	80511	4.91	
79 1,1,2-Trichloroethane	83	6.465	6.468	-0.003	85	44445	4.85	
81 Tetrachloroethene	166	6.550	6.553	-0.003	98	72617	5.04	
82 1,3-Dichloropropane	76	6.593	6.589	0.004	89	96136	4.93	
80 2-Hexanone	43	6.635	6.632	0.003	96	205724	25.3	
83 Chlorodibromomethane	129	6.775	6.772	0.003	89	63828	4.67	
84 Ethylene Dibromide	107	6.860	6.857	0.003	98	58903	4.79	
87 Chlorobenzene	112	7.219	7.222	-0.003	88	176041	4.90	
89 1,1,1,2-Tetrachloroethane	131	7.286	7.283	0.003	90	63605	4.88	
88 Ethylbenzene	91	7.292	7.289	0.003	98	285149	4.98	
90 m-Xylene & p-Xylene	106	7.377	7.380	-0.003	97	237715	9.96	
91 o-Xylene	106	7.694	7.696	-0.002	96	116384	4.87	
92 Styrene	104	7.712	7.709	0.003	95	195297	4.83	
95 Bromoform	173	7.888	7.891	-0.003	94	41026	4.56	
94 Isopropylbenzene	105	7.980	7.982	-0.002	95	293461	4.98	
101 Bromobenzene	156	8.247	8.250	-0.003	91	78824	4.95	
97 1,1,2,2-Tetrachloroethane	83	8.253	8.256	-0.003	77	69835	4.88	
100 1,2,3-Trichloropropane	110	8.290	8.287	0.003	70	22531	4.92	
98 trans-1,4-Dichloro-2-butene	53	8.296	8.293	0.003	90	98795	26.1	
99 N-Propylbenzene	91	8.308	8.311	-0.003	98	342617	5.10	
103 2-Chlorotoluene	126	8.393	8.396	-0.003	97	71725	4.93	
102 1,3,5-Trimethylbenzene	105	8.448	8.451	-0.003	84	240309	4.99	
105 4-Chlorotoluene	126	8.485	8.481	0.004	95	76798	5.06	
106 tert-Butylbenzene	134	8.716	8.712	0.004	88	55344	4.95	
107 1,2,4-Trimethylbenzene	105	8.758	8.755	0.003	96	242782	4.94	
109 sec-Butylbenzene	105	8.892	8.889	0.003	92	302104	5.00	
111 1,3-Dichlorobenzene	146	9.008	9.004	0.004	72	141384	4.94	
110 4-Isopropyltoluene	119	9.008	9.004	0.004	96	261512	5.08	
113 1,4-Dichlorobenzene	146	9.081	9.077	0.004	94	145977	4.96	
115 n-Butylbenzene	91	9.342	9.345	-0.003	94	219178	5.00	
116 1,2-Dichlorobenzene	146	9.391	9.388	0.003	97	135016	4.87	
117 1,2-Dibromo-3-Chloropropane	75	10.042	10.039	0.003	71	11865	4.78	
119 1,2,4-Trichlorobenzene	180	10.711	10.714	-0.003	93	91572	4.86	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
120 Hexachlorobutadiene	225	10.833	10.829	0.004	92	37113	5.07	
121 Naphthalene	128	10.912	10.915	-0.003	96	183825	4.73	
122 1,2,3-Trichlorobenzene	180	11.113	11.109	0.004	95	72102	4.91	
S 125 1,2-Dichloroethene, Total	1				0		9.90	
S 126 1,3-Dichloropropene, Total	1				0		9.75	
S 123 Total BTEX	1				0		29.8	
S 124 Xylenes, Total	1				0		14.8	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3887.D
Injection Date: 09-Nov-2012 16:51:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 89987 Lims Sample ID: 4
Operator ID: TRB Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm
Y Scaling:



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3888.D
 Lims ID: IC 3 Client ID:
 Inject. Date: 09-Nov-2012 17:18:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 3
 Sample ID: IC 3
 Misc. Info.: 480-0016505-005
 Operator: TRB Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 5
 Lims Batch ID: 89987 Lims Sample ID: 5
 Sublist: chrom-Q-8260*sub1
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q-8260.m
 Last Update: 10-Nov-2012 09:41:54 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK018

First Level Reviewer: jonesr

Date: 10-Nov-2012 09:41:54

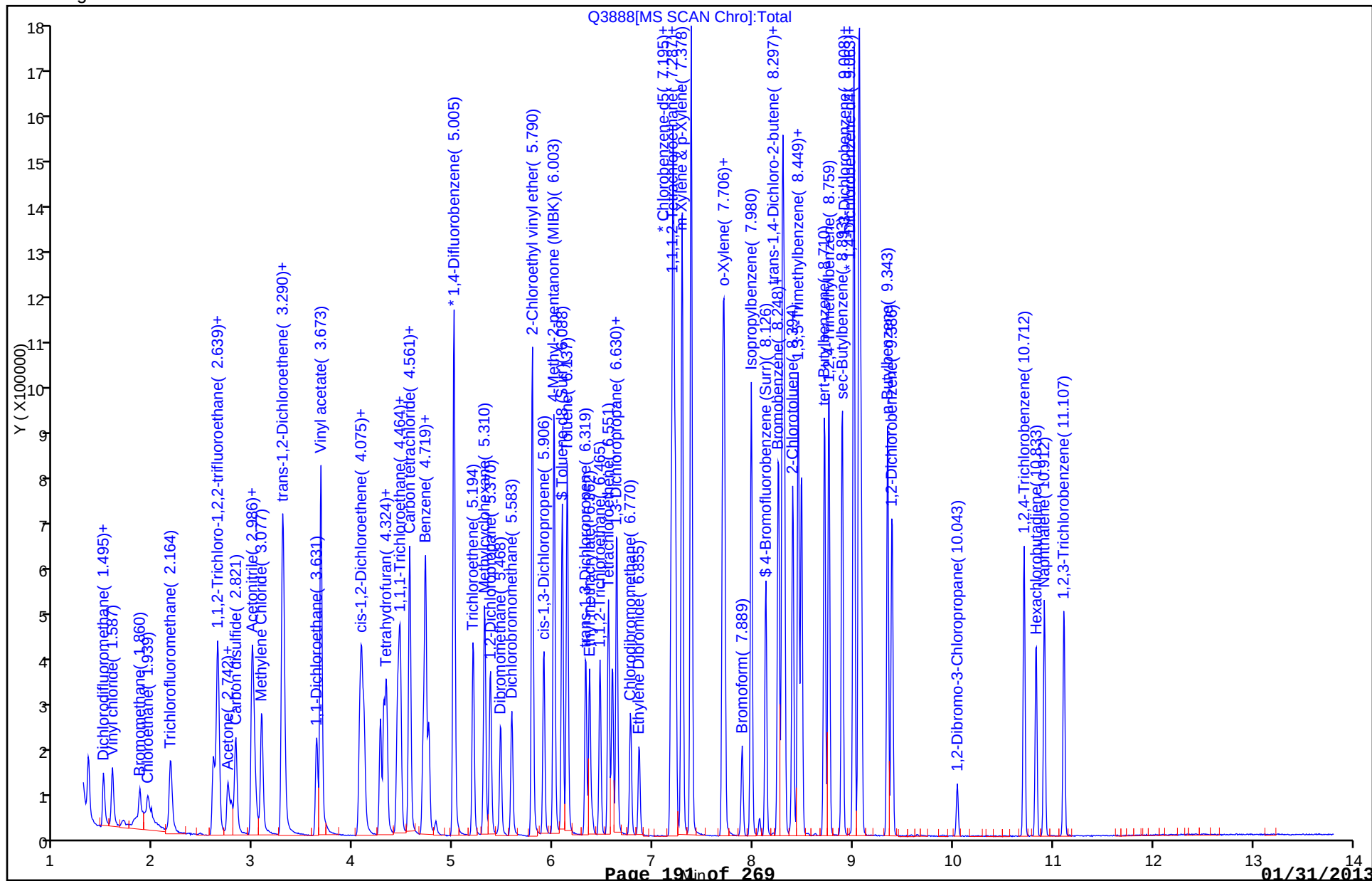
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.005	5.008	-0.003	93	828838	25.0	
* 2 Chlorobenzene-d5	82	7.195	7.198	-0.003	85	390090	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.063	9.059	0.004	89	428926	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.695	4.697	-0.002	89	59230	10.3	
\$ 5 Toluene-d8 (Surr)	98	6.088	6.090	-0.002	83	417014	10.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.126	8.128	-0.002	94	146269	10.1	
10 Dichlorodifluoromethane	85	1.343	1.351	-0.008	87	113755	10.4	
12 Chloromethane	50	1.495	1.504	-0.009	89	128018	10.6	
13 Vinyl chloride	62	1.587	1.589	-0.003	97	130989	10.5	
14 Bromomethane	94	1.860	1.862	-0.002	87	36213	11.5	
15 Chloroethane	64	1.939	1.948	-0.009	97	30606	10.4	
17 Trichlorofluoromethane	101	2.164	2.173	-0.009	95	154210	10.5	
20 Acrolein	56	2.596	2.599	-0.003	94	172268	194.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.639	2.641	-0.002	74	97420	10.7	
22 1,1-Dichloroethene	96	2.639	2.647	-0.008	97	97520	10.3	
23 Acetone	43	2.742	2.745	-0.003	99	150002	46.4	
25 Iodomethane	142	2.779	2.781	-0.002	98	73722	10.4	
26 Carbon disulfide	76	2.821	2.824	-0.003	99	308036	10.4	
29 Acetonitrile	40	2.986	2.988	-0.002	99	281319	400.8	
27 Methyl acetate	43	3.004	3.006	-0.002	95	94645	9.68	
30 Methylene Chloride	84	3.083	3.085	-0.002	84	114439	9.97	
32 Methyl tert-butyl ether	73	3.290	3.286	0.004	89	322955	10.0	
34 trans-1,2-Dichloroethene	96	3.290	3.292	-0.002	65	111037	10.1	
33 Acrylonitrile	53	3.302	3.304	-0.002	98	189502	50.2	
39 1,1-Dichloroethane	63	3.631	3.633	-0.002	95	196335	10.2	
37 Vinyl acetate	43	3.673	3.675	-0.002	97	1051183	51.0	
44 2,2-Dichloropropane	77	4.062	4.065	-0.003	89	165797	10.5	
45 cis-1,2-Dichloroethene	96	4.081	4.083	-0.002	68	125299	10.1	
43 2-Butanone (MEK)	43	4.105	4.101	0.004	95	240575	48.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Chlorobromomethane	128	4.269	4.271	-0.002	90	68268	10.4	
49 Tetrahydrofuran	42	4.300	4.302	-0.002	89	162505	49.5	
50 Chloroform	83	4.330	4.332	-0.002	80	187788	10.2	
51 1,1,1-Trichloroethane	97	4.440	4.442	-0.002	92	172071	10.3	
52 Cyclohexane	56	4.464	4.466	-0.002	90	182450	10.5	
55 Carbon tetrachloride	117	4.561	4.557	0.004	88	154008	10.5	
54 1,1-Dichloropropene	75	4.561	4.563	-0.002	94	154254	10.6	
57 Benzene	78	4.719	4.722	-0.003	96	448036	10.4	
58 1,2-Dichloroethane	62	4.750	4.752	-0.002	96	149123	10.3	
62 Trichloroethene	95	5.194	5.196	-0.002	93	114710	10.2	
64 Methylcyclohexane	83	5.310	5.312	-0.002	89	183519	10.4	
65 1,2-Dichloropropane	63	5.370	5.367	0.004	95	115832	10.3	
67 Dibromomethane	93	5.468	5.470	-0.002	89	72453	10.1	
68 Dichlorobromomethane	83	5.583	5.586	-0.003	92	147566	10.2	
69 2-Chloroethyl vinyl ether	63	5.790	5.786	0.004	93	374084	50.7	
72 cis-1,3-Dichloropropene	75	5.906	5.902	0.004	88	196410	10.4	
73 4-Methyl-2-pentanone (MIBK)	43	6.003	6.005	-0.002	96	520557	48.2	
74 Toluene	92	6.137	6.139	-0.002	98	295636	9.97	
77 trans-1,3-Dichloropropene	75	6.326	6.322	0.004	89	178223	9.81	
75 Ethyl methacrylate	69	6.362	6.364	-0.002	88	148996	9.58	
79 1,1,2-Trichloroethane	83	6.465	6.468	-0.003	85	85081	9.77	
81 Tetrachloroethene	166	6.551	6.553	-0.002	98	137910	10.1	
82 1,3-Dichloropropane	76	6.593	6.589	0.004	89	183447	9.91	
80 2-Hexanone	43	6.630	6.632	-0.002	96	372648	48.2	
83 Chlorodibromomethane	129	6.770	6.772	-0.002	86	128929	9.94	
84 Ethylene Dibromide	107	6.855	6.857	-0.002	98	115306	9.88	
87 Chlorobenzene	112	7.220	7.222	-0.002	89	340193	9.97	
89 1,1,1,2-Tetrachloroethane	131	7.287	7.283	0.004	90	124675	10.1	
88 Ethylbenzene	91	7.287	7.289	-0.002	98	553426	10.2	
90 m-Xylene & p-Xylene	106	7.378	7.380	-0.002	97	459660	20.3	
91 o-Xylene	106	7.694	7.696	-0.002	95	229672	10.1	
92 Styrene	104	7.713	7.709	0.004	95	389206	10.1	
95 Bromoform	173	7.889	7.891	-0.002	98	81328	9.53	
94 Isopropylbenzene	105	7.980	7.982	-0.002	95	580153	10.1	
101 Bromobenzene	156	8.248	8.250	-0.002	92	153963	9.88	
97 1,1,2,2-Tetrachloroethane	83	8.254	8.256	-0.002	84	136941	9.78	
100 1,2,3-Trichloropropane	110	8.290	8.287	0.003	72	43183	9.62	
98 trans-1,4-Dichloro-2-butene	53	8.297	8.293	0.004	85	185421	50.0	
99 N-Propylbenzene	91	8.309	8.311	-0.002	93	664511	10.1	
103 2-Chlorotoluene	126	8.394	8.396	-0.002	97	142811	10.0	
102 1,3,5-Trimethylbenzene	105	8.449	8.451	-0.002	74	477475	10.1	
105 4-Chlorotoluene	126	8.485	8.481	0.004	95	152437	10.3	
106 tert-Butylbenzene	134	8.716	8.712	0.004	88	111377	10.2	
107 1,2,4-Trimethylbenzene	105	8.759	8.755	0.004	96	486451	10.1	
109 sec-Butylbenzene	105	8.893	8.889	0.004	93	598550	10.1	
111 1,3-Dichlorobenzene	146	9.008	9.004	0.004	71	285467	10.2	
110 4-Isopropyltoluene	119	9.008	9.004	0.004	97	514982	10.2	
113 1,4-Dichlorobenzene	146	9.081	9.077	0.004	96	294001	10.2	
115 n-Butylbenzene	91	9.343	9.345	-0.002	94	437067	10.2	
116 1,2-Dichlorobenzene	146	9.392	9.388	0.004	97	275921	10.2	
117 1,2-Dibromo-3-Chloropropane	75	10.043	10.039	0.004	79	22741	9.35	
119 1,2,4-Trichlorobenzene	180	10.712	10.714	-0.002	93	183108	9.93	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
120 Hexachlorobutadiene	225	10.833	10.829	0.004	94	74228	10.4	
121 Naphthalene	128	10.912	10.915	-0.003	96	355011	9.33	
122 1,2,3-Trichlorobenzene	180	11.107	11.109	-0.002	95	138976	9.67	
S 125 1,2-Dichloroethene, Total	1				0		20.2	
S 126 1,3-Dichloropropene, Total	1				0		20.2	
S 123 Total BTEX	1				0		60.9	
S 124 Xylenes, Total	1				0		30.4	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3888.D
Injection Date: 09-Nov-2012 17:18:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 89987 Lims Sample ID: 5
Operator ID: TRB Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm
Y Scaling:



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3889.D
 Lims ID: ICIS 4 Client ID:
 Inject. Date: 09-Nov-2012 17:46:30 Dil. Factor: 1.0000
 Sample Type: ICIS Calib Level: 4
 Sample ID: ICIS 4
 Misc. Info.: 480-0016505-006
 Operator: TRB Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 6
 Lims Batch ID: 89987 Lims Sample ID: 6
 Sublist: chrom-Q-8260*sub1
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q-8260.m
 Last Update: 10-Nov-2012 09:37:03 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK018

First Level Reviewer: jonesr

Date: 10-Nov-2012 09:37:03

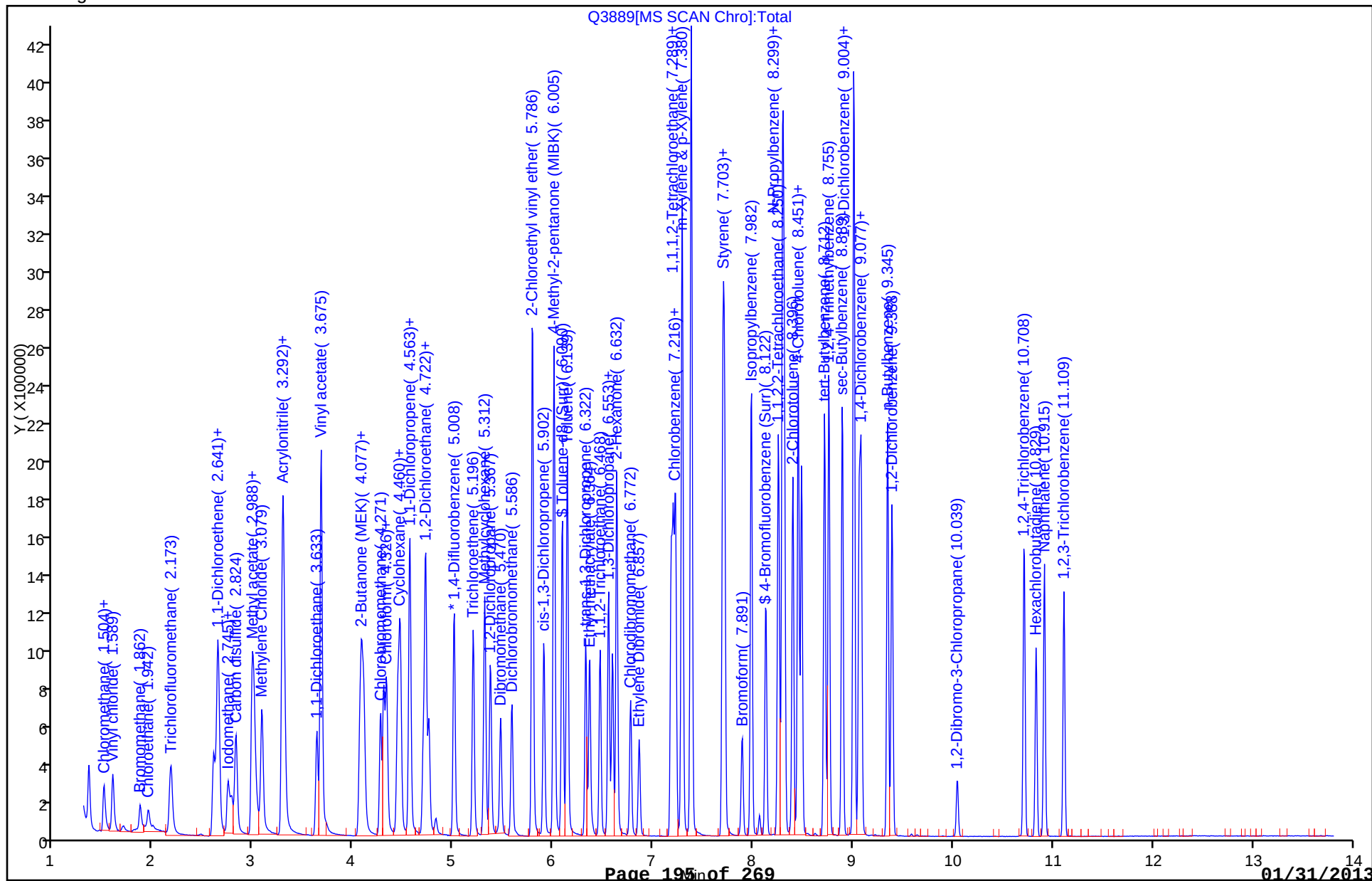
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.008	5.008	0.0	93	879190	25.0	
* 2 Chlorobenzene-d5	82	7.198	7.198	0.0	85	399662	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.059	9.059	0.0	73	427836	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.697	4.697	0.0	97	138859	22.7	
\$ 5 Toluene-d8 (Surr)	98	6.090	6.090	0.0	82	986097	23.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.128	8.128	0.0	96	332316	22.5	
10 Dichlorodifluoromethane	85	1.351	1.351	0.0	99	278420	24.0	
12 Chloromethane	50	1.504	1.504	0.0	100	297451	23.2	
13 Vinyl chloride	62	1.589	1.589	0.0	97	320006	24.3	
14 Bromomethane	94	1.862	1.862	0.0	89	82938	21.5	
15 Chloroethane	64	1.948	1.948	0.0	98	73472	24.3	
17 Trichlorofluoromethane	101	2.173	2.173	0.0	87	387046	24.8	
20 Acrolein	56	2.599	2.599	0.0	96	464657	494.3	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.641	2.641	0.0	75	236115	24.4	
22 1,1-Dichloroethene	96	2.647	2.647	0.0	93	249490	24.9	
23 Acetone	43	2.745	2.745	0.0	100	422204	123.1	
25 Iodomethane	142	2.781	2.781	0.0	97	207182	21.0	
26 Carbon disulfide	76	2.824	2.824	0.0	99	772167	24.6	
29 Acetonitrile	40	2.988	2.988	0.0	99	747574	1004.0	
27 Methyl acetate	43	3.006	3.006	0.0	96	277234	26.7	
30 Methylene Chloride	84	3.085	3.085	0.0	85	292702	24.1	
32 Methyl tert-butyl ether	73	3.286	3.286	0.0	89	867812	25.4	
34 trans-1,2-Dichloroethene	96	3.292	3.292	0.0	93	285825	24.5	
33 Acrylonitrile	53	3.304	3.304	0.0	98	509339	127.2	
39 1,1-Dichloroethane	63	3.633	3.633	0.0	97	495159	24.3	
37 Vinyl acetate	43	3.675	3.675	0.0	97	2741638	125.5	
44 2,2-Dichloropropane	77	4.065	4.065	0.0	88	404575	24.1	
45 cis-1,2-Dichloroethene	96	4.083	4.083	0.0	68	322112	24.6	
43 2-Butanone (MEK)	43	4.101	4.101	0.0	95	663571	126.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Chlorobromomethane	128	4.271	4.271	0.0	92	172346	24.8	
49 Tetrahydrofuran	42	4.302	4.302	0.0	87	443554	127.4	
50 Chloroform	83	4.332	4.332	0.0	80	473766	24.2	
51 1,1,1-Trichloroethane	97	4.442	4.442	0.0	92	425826	24.0	
52 Cyclohexane	56	4.466	4.466	0.0	90	444138	24.2	
55 Carbon tetrachloride	117	4.557	4.557	0.0	88	379244	24.3	
54 1,1-Dichloropropene	75	4.563	4.563	0.0	97	377439	24.5	
57 Benzene	78	4.722	4.722	0.0	96	1121403	24.5	
58 1,2-Dichloroethane	62	4.752	4.752	0.0	91	375093	24.5	
62 Trichloroethene	95	5.196	5.196	0.0	92	291348	24.4	
64 Methylcyclohexane	83	5.312	5.312	0.0	89	459826	24.6	
65 1,2-Dichloropropane	63	5.367	5.367	0.0	94	297470	24.9	
67 Dibromomethane	93	5.470	5.470	0.0	84	183571	24.2	
68 Dichlorobromomethane	83	5.586	5.586	0.0	93	378102	24.6	
69 2-Chloroethyl vinyl ether	63	5.786	5.786	0.0	91	992408	126.8	
72 cis-1,3-Dichloropropene	75	5.902	5.902	0.0	90	495227	24.7	
73 4-Methyl-2-pentanone (MIBK)	43	6.005	6.005	0.0	96	1436433	129.8	
74 Toluene	92	6.139	6.139	0.0	92	748167	24.6	
77 trans-1,3-Dichloropropene	75	6.322	6.322	0.0	93	463867	24.9	
75 Ethyl methacrylate	69	6.364	6.364	0.0	88	404062	25.4	
79 1,1,2-Trichloroethane	83	6.468	6.468	0.0	91	219210	24.6	
81 Tetrachloroethene	166	6.553	6.553	0.0	97	342094	24.4	
82 1,3-Dichloropropane	76	6.589	6.589	0.0	86	469390	24.8	
80 2-Hexanone	43	6.632	6.632	0.0	96	1012674	127.8	
83 Chlorodibromomethane	129	6.772	6.772	0.0	89	337266	25.4	
84 Ethylene Dibromide	107	6.857	6.857	0.0	98	298682	25.0	
87 Chlorobenzene	112	7.222	7.222	0.0	88	861844	24.7	
89 1,1,1,2-Tetrachloroethane	131	7.283	7.283	0.0	89	312452	24.6	
88 Ethylbenzene	91	7.289	7.289	0.0	98	1358581	24.4	
90 m-Xylene & p-Xylene	106	7.380	7.380	0.0	97	1144644	49.3	
91 o-Xylene	106	7.696	7.696	0.0	94	571884	24.6	
92 Styrene	104	7.709	7.709	0.0	95	976214	24.8	
95 Bromoform	173	7.891	7.891	0.0	97	226245	25.9	
94 Isopropylbenzene	105	7.982	7.982	0.0	95	1436122	24.9	
101 Bromobenzene	156	8.250	8.250	0.0	91	389217	25.0	
97 1,1,2,2-Tetrachloroethane	83	8.256	8.256	0.0	86	356875	25.6	
100 1,2,3-Trichloropropane	110	8.287	8.287	0.0	73	113346	25.3	
98 trans-1,4-Dichloro-2-butene	53	8.293	8.293	0.0	90	476678	129.0	
99 N-Propylbenzene	91	8.311	8.311	0.0	96	1608981	24.5	
103 2-Chlorotoluene	126	8.396	8.396	0.0	98	353997	24.9	
102 1,3,5-Trimethylbenzene	105	8.451	8.451	0.0	75	1165232	24.8	
105 4-Chlorotoluene	126	8.481	8.481	0.0	95	361033	24.4	
106 tert-Butylbenzene	134	8.712	8.712	0.0	89	271151	24.9	
107 1,2,4-Trimethylbenzene	105	8.755	8.755	0.0	96	1179699	24.6	
109 sec-Butylbenzene	105	8.889	8.889	0.0	93	1461102	24.7	
111 1,3-Dichlorobenzene	146	9.004	9.004	0.0	92	693068	24.8	
110 4-Isopropyltoluene	119	9.004	9.004	0.0	96	1241707	24.7	
113 1,4-Dichlorobenzene	146	9.077	9.077	0.0	95	707992	24.6	
115 n-Butylbenzene	91	9.345	9.345	0.0	94	1055560	24.7	
116 1,2-Dichlorobenzene	146	9.388	9.388	0.0	98	676663	25.0	
117 1,2-Dibromo-3-Chloropropane	75	10.039	10.039	0.0	87	61414	25.3	
119 1,2,4-Trichlorobenzene	180	10.714	10.714	0.0	93	456088	24.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
120 Hexachlorobutadiene	225	10.829	10.829	0.0	96	175522	24.6	
121 Naphthalene	128	10.915	10.915	0.0	96	993463	26.2	
122 1,2,3-Trichlorobenzene	180	11.109	11.109	0.0	96	365073	25.5	
S 125 1,2-Dichloroethene, Total	1				0		49.1	
S 126 1,3-Dichloropropene, Total	1				0		49.6	
S 123 Total BTEX	1				0		147.4	
S 124 Xylenes, Total	1				0		73.9	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3889.D
Injection Date: 09-Nov-2012 17:46:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 89987 Lims Sample ID: 6
Operator ID: TRB Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm
Y Scaling:



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3890.D
 Lims ID: IC 5 Client ID:
 Inject. Date: 09-Nov-2012 18:13:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 5
 Sample ID: IC 5
 Misc. Info.: 480-0016505-007
 Operator: TRB Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 7
 Lims Batch ID: 89987 Lims Sample ID: 7
 Sublist: chrom-Q-8260*sub1
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q-8260.m
 Last Update: 10-Nov-2012 09:42:23 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK018

First Level Reviewer: jonesr

Date: 10-Nov-2012 09:42:23

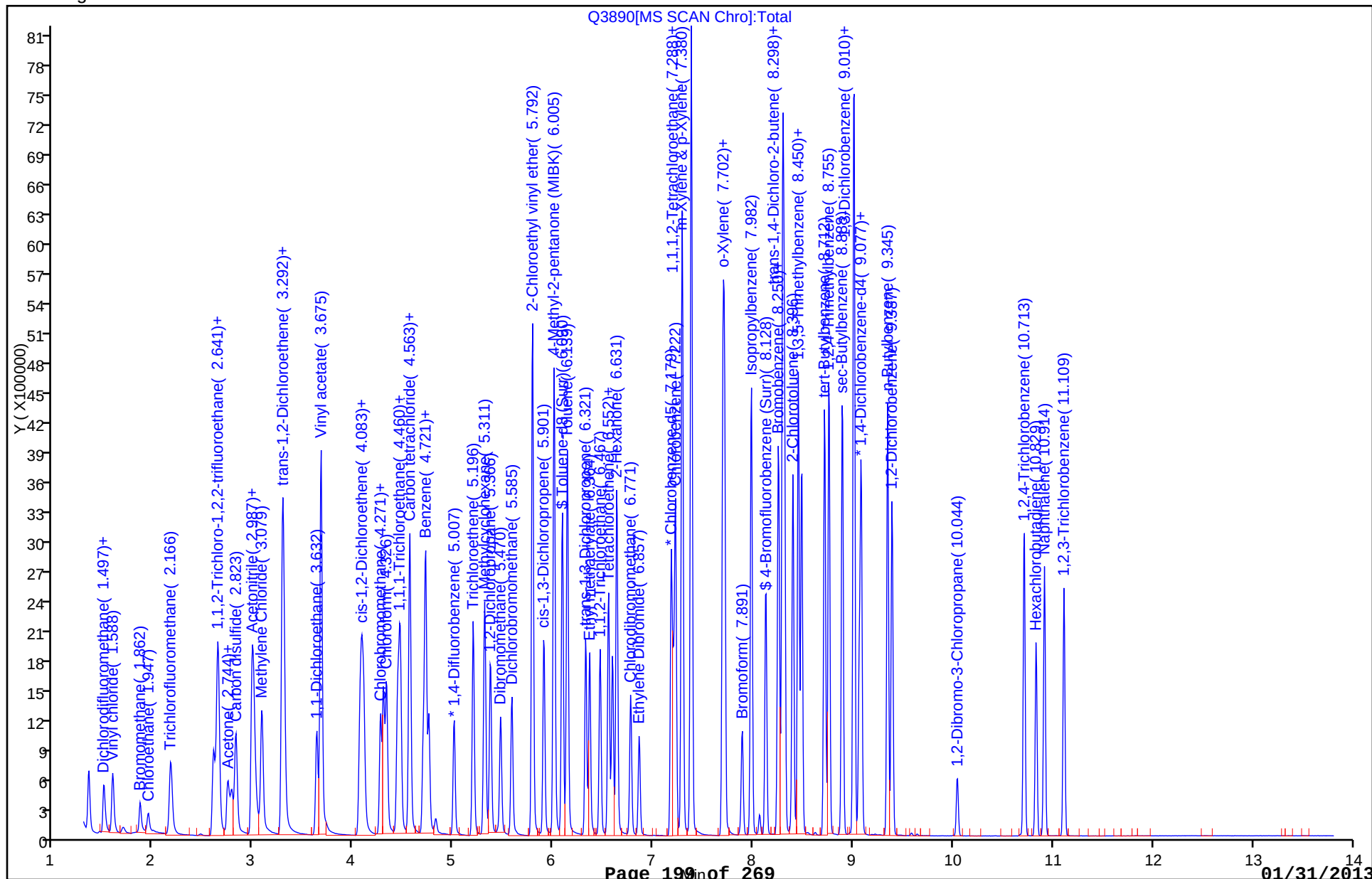
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.007	5.008	-0.001	93	854320	25.0	
* 2 Chlorobenzene-d5	82	7.197	7.198	-0.001	85	382059	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.059	9.059	0.0	65	415950	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.697	4.697	0.0	89	272687	45.9	
\$ 5 Toluene-d8 (Surr)	98	6.090	6.090	0.0	83	1948327	48.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.128	8.128	0.0	96	675594	47.8	
10 Dichlorodifluoromethane	85	1.351	1.351	0.0	89	565839	50.1	
12 Chloromethane	50	1.497	1.504	-0.007	99	601245	48.2	
13 Vinyl chloride	62	1.588	1.589	-0.001	98	631455	49.3	
14 Bromomethane	94	1.862	1.862	0.0	90	184795	45.4	
15 Chloroethane	64	1.947	1.948	-0.001	99	144289	49.7	
17 Trichlorofluoromethane	101	2.166	2.173	-0.007	98	764704	50.4	
20 Acrolein	56	2.598	2.599	-0.001	97	899907	985.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.641	2.641	0.0	79	462213	49.2	
22 1,1-Dichloroethene	96	2.641	2.647	-0.006	95	478634	49.2	
23 Acetone	43	2.744	2.745	-0.001	100	797662	239.4	
25 Iodomethane	142	2.781	2.781	0.0	98	517190	47.7	
26 Carbon disulfide	76	2.823	2.824	-0.001	99	1498828	49.1	
29 Acetonitrile	40	2.987	2.988	-0.001	99	1423605	1967.7	
27 Methyl acetate	43	3.006	3.006	0.0	96	496257	49.2	
30 Methylene Chloride	84	3.085	3.085	0.0	93	567861	48.0	
32 Methyl tert-butyl ether	73	3.286	3.286	0.0	89	1664208	50.1	
34 trans-1,2-Dichloroethene	96	3.292	3.292	0.0	96	554343	48.9	
33 Acrylonitrile	53	3.304	3.304	0.0	99	960231	246.8	
39 1,1-Dichloroethane	63	3.632	3.633	-0.001	85	975240	49.2	
37 Vinyl acetate	43	3.675	3.675	0.0	97	5259088	247.7	
44 2,2-Dichloropropane	77	4.064	4.065	-0.001	88	783951	48.0	
45 cis-1,2-Dichloroethene	96	4.083	4.083	-0.001	68	628307	49.3	
43 2-Butanone (MEK)	43	4.101	4.101	0.0	95	1253141	245.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Chlorobromomethane	128	4.271	4.271	0.0	88	334558	49.6	
49 Tetrahydrofuran	42	4.295	4.302	-0.007	88	829910	245.3	
50 Chloroform	83	4.332	4.332	0.0	83	918463	48.2	
51 1,1,1-Trichloroethane	97	4.441	4.442	-0.001	92	845331	49.0	
52 Cyclohexane	56	4.466	4.466	0.0	89	840588	47.1	
55 Carbon tetrachloride	117	4.557	4.557	0.0	87	752339	49.7	
54 1,1-Dichloropropene	75	4.563	4.563	0.0	97	731495	48.9	
57 Benzene	78	4.721	4.722	-0.001	96	2165620	48.7	
58 1,2-Dichloroethane	62	4.752	4.752	0.0	95	723266	48.6	
62 Trichloroethene	95	5.196	5.196	0.0	96	570376	49.2	
64 Methylcyclohexane	83	5.311	5.312	-0.001	88	881544	48.6	
65 1,2-Dichloropropane	63	5.366	5.367	0.0	94	568093	48.9	
67 Dibromomethane	93	5.470	5.470	0.0	86	361158	48.9	
68 Dichlorobromomethane	83	5.585	5.586	-0.001	99	745873	49.9	
69 2-Chloroethyl vinyl ether	63	5.792	5.786	0.006	91	1872098	246.1	
72 cis-1,3-Dichloropropene	75	5.901	5.902	-0.001	91	960279	49.3	
73 4-Methyl-2-pentanone (MIBK)	43	6.005	6.005	0.0	96	2677119	253.0	
74 Toluene	92	6.139	6.139	0.0	92	1458733	50.2	
77 trans-1,3-Dichloropropene	75	6.321	6.322	-0.001	93	913509	51.3	
75 Ethyl methacrylate	69	6.364	6.364	0.0	88	778883	51.1	
79 1,1,2-Trichloroethane	83	6.467	6.468	-0.001	85	427607	50.1	
81 Tetrachloroethene	166	6.552	6.553	-0.001	92	669752	50.0	
82 1,3-Dichloropropane	76	6.589	6.589	0.0	87	906690	50.0	
80 2-Hexanone	43	6.631	6.632	-0.001	96	1885536	248.9	
83 Chlorodibromomethane	129	6.771	6.772	-0.001	87	668253	52.6	
84 Ethylene Dibromide	107	6.857	6.857	0.0	99	576289	50.4	
87 Chlorobenzene	112	7.222	7.222	0.0	89	1664135	49.8	
89 1,1,1,2-Tetrachloroethane	131	7.288	7.283	0.005	95	611216	50.4	
88 Ethylbenzene	91	7.288	7.289	-0.001	97	2606715	49.0	
90 m-Xylene & p-Xylene	106	7.380	7.380	0.0	96	2186920	98.5	
91 o-Xylene	106	7.696	7.696	0.0	95	1118730	50.3	
92 Styrene	104	7.714	7.709	0.005	95	1896407	50.4	
95 Bromoform	173	7.891	7.891	0.0	98	454113	54.3	
94 Isopropylbenzene	105	7.982	7.982	0.0	95	2792115	49.9	
101 Bromobenzene	156	8.250	8.250	0.0	89	753303	49.9	
97 1,1,2,2-Tetrachloroethane	83	8.256	8.256	0.0	81	683881	50.4	
100 1,2,3-Trichloropropane	110	8.292	8.287	0.005	74	213816	49.1	
98 trans-1,4-Dichloro-2-butene	53	8.298	8.293	0.005	90	886336	246.6	
99 N-Propylbenzene	91	8.311	8.311	-0.001	93	3070867	48.2	
103 2-Chlorotoluene	126	8.396	8.396	0.0	97	681128	49.3	
102 1,3,5-Trimethylbenzene	105	8.450	8.451	-0.001	74	2244237	49.1	
105 4-Chlorotoluene	126	8.487	8.481	0.006	95	704404	48.9	
106 tert-Butylbenzene	134	8.712	8.712	0.0	85	531499	50.1	
107 1,2,4-Trimethylbenzene	105	8.755	8.755	0.0	95	2300056	49.3	
109 sec-Butylbenzene	105	8.888	8.889	-0.001	93	2865854	49.9	
111 1,3-Dichlorobenzene	146	9.010	9.004	0.006	94	1328571	48.9	
110 4-Isopropyltoluene	119	9.010	9.004	0.006	95	2383374	48.8	
113 1,4-Dichlorobenzene	146	9.083	9.077	0.006	96	1378956	49.3	
115 n-Butylbenzene	91	9.345	9.345	0.0	94	2086149	50.1	
116 1,2-Dichlorobenzene	146	9.387	9.388	-0.001	97	1312987	49.9	
117 1,2-Dibromo-3-Chloropropane	75	10.038	10.039	-0.001	89	124964	53.0	
119 1,2,4-Trichlorobenzene	180	10.713	10.714	-0.001	93	896163	50.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
120 Hexachlorobutadiene	225	10.829	10.829	0.0	97	337169	48.5	
121 Naphthalene	128	10.914	10.915	-0.001	96	1925808	52.2	
122 1,2,3-Trichlorobenzene	180	11.109	11.109	0.0	96	705942	50.6	
S 125 1,2-Dichloroethene, Total	1				0		98.3	
S 126 1,3-Dichloropropene, Total	1				0		100.7	
S 123 Total BTEX	1				0		296.8	
S 124 Xylenes, Total	1				0		148.8	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3890.D
Injection Date: 09-Nov-2012 18:13:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 89987 Lims Sample ID: 7
Operator ID: TRB Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm
Y Scaling:



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Lims ID: IC 6 Client ID:
 Inject. Date: 09-Nov-2012 18:41:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 6
 Sample ID: IC 6
 Misc. Info.: 480-0016505-008
 Operator: TRB Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 8
 Lims Batch ID: 89987 Lims Sample ID: 8
 Sublist: chrom-Q-8260*sub1
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q-8260.m
 Last Update: 10-Nov-2012 09:42:49 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK018

First Level Reviewer: jonesr

Date: 10-Nov-2012 09:42:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.005	5.008	-0.003	93	831061	25.0	
* 2 Chlorobenzene-d5	82	7.202	7.198	0.004	84	364942	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.063	9.059	0.004	92	400869	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.695	4.697	-0.002	89	546563	94.7	
\$ 5 Toluene-d8 (Surr)	98	6.088	6.090	-0.002	82	3804208	99.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.126	8.128	-0.002	93	1301077	96.3	
10 Dichlorodifluoromethane	85	1.349	1.351	-0.002	89	1092998	99.5	
12 Chloromethane	50	1.501	1.504	-0.003	89	1166667	96.1	
13 Vinyl chloride	62	1.587	1.589	-0.002	83	1284740	103.1	
14 Bromomethane	94	1.860	1.862	-0.002	91	424243	103.0	
15 Chloroethane	64	1.945	1.948	-0.003	99	282464	100.5	
17 Trichlorofluoromethane	101	2.171	2.173	-0.002	98	1491986	101.0	
20 Acrolein	56	2.596	2.599	-0.003	98	1769603	1991.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.639	2.641	-0.002	82	900029	98.4	
22 1,1-Dichloroethene	96	2.645	2.647	-0.002	89	925380	97.7	
23 Acetone	43	2.742	2.745	-0.003	100	1506843	464.8	
25 Iodomethane	142	2.779	2.781	-0.002	98	1129642	102.1	
26 Carbon disulfide	76	2.821	2.824	-0.003	98	2941363	99.1	
29 Acetonitrile	40	2.986	2.988	-0.002	99	2689059	3820.8	
27 Methyl acetate	43	3.004	3.006	-0.002	95	967051	98.6	
30 Methylene Chloride	84	3.083	3.085	-0.002	87	1078417	93.7	
32 Methyl tert-butyl ether	73	3.284	3.286	-0.002	94	3189012	98.6	
34 trans-1,2-Dichloroethene	96	3.290	3.292	-0.002	95	1052020	95.5	
33 Acrylonitrile	53	3.308	3.304	0.004	100	1817459	480.2	
39 1,1-Dichloroethane	63	3.631	3.633	-0.002	85	1892921	98.2	
37 Vinyl acetate	43	3.673	3.675	-0.002	97	9759390	472.6	
44 2,2-Dichloropropane	77	4.063	4.065	-0.003	89	1503834	94.6	
45 cis-1,2-Dichloroethene	96	4.081	4.083	-0.002	81	1193067	96.3	
43 2-Butanone (MEK)	43	4.099	4.101	-0.002	94	2405640	483.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Chlorobromomethane	128	4.269	4.271	-0.002	91	626346	95.5	
49 Tetrahydrofuran	42	4.294	4.302	-0.008	88	1564922	475.4	
50 Chloroform	83	4.330	4.332	-0.002	83	1743645	94.2	
51 1,1,1-Trichloroethane	97	4.440	4.442	-0.002	92	1638292	97.6	
52 Cyclohexane	56	4.464	4.466	-0.002	89	1640700	94.6	
55 Carbon tetrachloride	117	4.561	4.557	0.004	79	1453807	98.7	
54 1,1-Dichloropropene	75	4.561	4.563	-0.002	96	1393611	95.8	
57 Benzene	78	4.720	4.722	-0.002	96	4118619	95.3	
58 1,2-Dichloroethane	62	4.750	4.752	-0.002	95	1355064	93.5	
62 Trichloroethene	95	5.194	5.196	-0.002	92	1096628	97.2	
64 Methylcyclohexane	83	5.310	5.312	-0.002	88	1724211	97.7	
65 1,2-Dichloropropane	63	5.370	5.367	0.004	96	1070220	94.7	
67 Dibromomethane	93	5.468	5.470	-0.002	89	693410	96.6	
68 Dichlorobromomethane	83	5.583	5.586	-0.003	99	1438130	98.8	
69 2-Chloroethyl vinyl ether	63	5.790	5.786	0.004	91	3523693	476.1	
72 cis-1,3-Dichloropropene	75	5.906	5.902	0.004	90	1842965	97.3	
73 4-Methyl-2-pentanone (MIBK)	43	6.009	6.005	0.004	95	4952967	490.1	
74 Toluene	92	6.143	6.139	0.004	93	2783540	100.3	
77 trans-1,3-Dichloropropene	75	6.326	6.322	0.004	88	1748590	102.9	
75 Ethyl methacrylate	69	6.362	6.364	-0.002	89	1481605	101.8	
79 1,1,2-Trichloroethane	83	6.465	6.468	-0.003	91	800974	98.3	
81 Tetrachloroethene	166	6.551	6.553	-0.002	92	1286622	100.5	
82 1,3-Dichloropropane	76	6.593	6.589	0.004	88	1698951	98.1	
80 2-Hexanone	43	6.636	6.632	0.004	95	3509117	485.0	
83 Chlorodibromomethane	129	6.776	6.772	0.004	85	1296587	106.8	
84 Ethylene Dibromide	107	6.861	6.857	0.004	99	1117281	102.4	
87 Chlorobenzene	112	7.220	7.222	-0.002	89	3179181	99.6	
89 1,1,1,2-Tetrachloroethane	131	7.287	7.283	0.004	90	1175288	101.5	
88 Ethylbenzene	91	7.293	7.289	0.004	97	4887865	96.2	
90 m-Xylene & p-Xylene	106	7.384	7.380	0.004	96	4191526	197.7	
91 o-Xylene	106	7.694	7.696	-0.002	95	2127459	100.2	
92 Styrene	104	7.713	7.709	0.004	95	3566334	99.2	
95 Bromoform	173	7.889	7.891	-0.002	96	902871	113.1	
94 Isopropylbenzene	105	7.980	7.982	-0.002	95	5256546	97.5	
101 Bromobenzene	156	8.248	8.250	-0.002	91	1410559	96.9	
97 1,1,2,2-Tetrachloroethane	83	8.260	8.256	0.004	96	1264362	96.6	
100 1,2,3-Trichloropropane	110	8.291	8.287	0.004	73	396935	94.7	
98 trans-1,4-Dichloro-2-butene	53	8.297	8.293	0.004	88	1611143	465.2	
99 N-Propylbenzene	91	8.315	8.311	0.004	94	5770389	93.9	
103 2-Chlorotoluene	126	8.400	8.396	0.004	98	1292505	97.2	
102 1,3,5-Trimethylbenzene	105	8.455	8.451	0.004	68	4222153	95.9	
105 4-Chlorotoluene	126	8.485	8.481	0.004	95	1339099	96.4	
106 tert-Butylbenzene	134	8.716	8.712	0.004	88	1009752	98.8	
107 1,2,4-Trimethylbenzene	105	8.759	8.755	0.004	96	4276769	95.1	
109 sec-Butylbenzene	105	8.893	8.889	0.004	93	5413383	97.8	
111 1,3-Dichlorobenzene	146	9.008	9.004	0.004	71	2496253	95.3	
110 4-Isopropyltoluene	119	9.008	9.004	0.004	96	4559401	96.9	
113 1,4-Dichlorobenzene	146	9.081	9.077	0.004	95	2587957	96.1	
115 n-Butylbenzene	91	9.343	9.345	-0.002	94	3942254	98.3	
116 1,2-Dichlorobenzene	146	9.392	9.388	0.004	98	2431107	95.9	
117 1,2-Dibromo-3-Chloropropane	75	10.043	10.039	0.004	90	237812	104.7	
119 1,2,4-Trichlorobenzene	180	10.712	10.714	-0.002	92	1693157	98.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
120 Hexachlorobutadiene	225	10.833	10.829	0.004	95	644238	96.2	
121 Naphthalene	128	10.912	10.915	-0.003	96	3625130	101.9	
122 1,2,3-Trichlorobenzene	180	11.113	11.109	0.004	93	1319095	98.2	
S 125 1,2-Dichloroethene, Total	1				0		191.8	
S 126 1,3-Dichloropropene, Total	1				0		200.2	
S 123 Total BTEX	1				0		589.7	
S 124 Xylenes, Total	1				0		297.9	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D

Injection Date: 09-Nov-2012 18:41:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973Q

Lims Batch ID: 89987

Lims Sample ID: 8

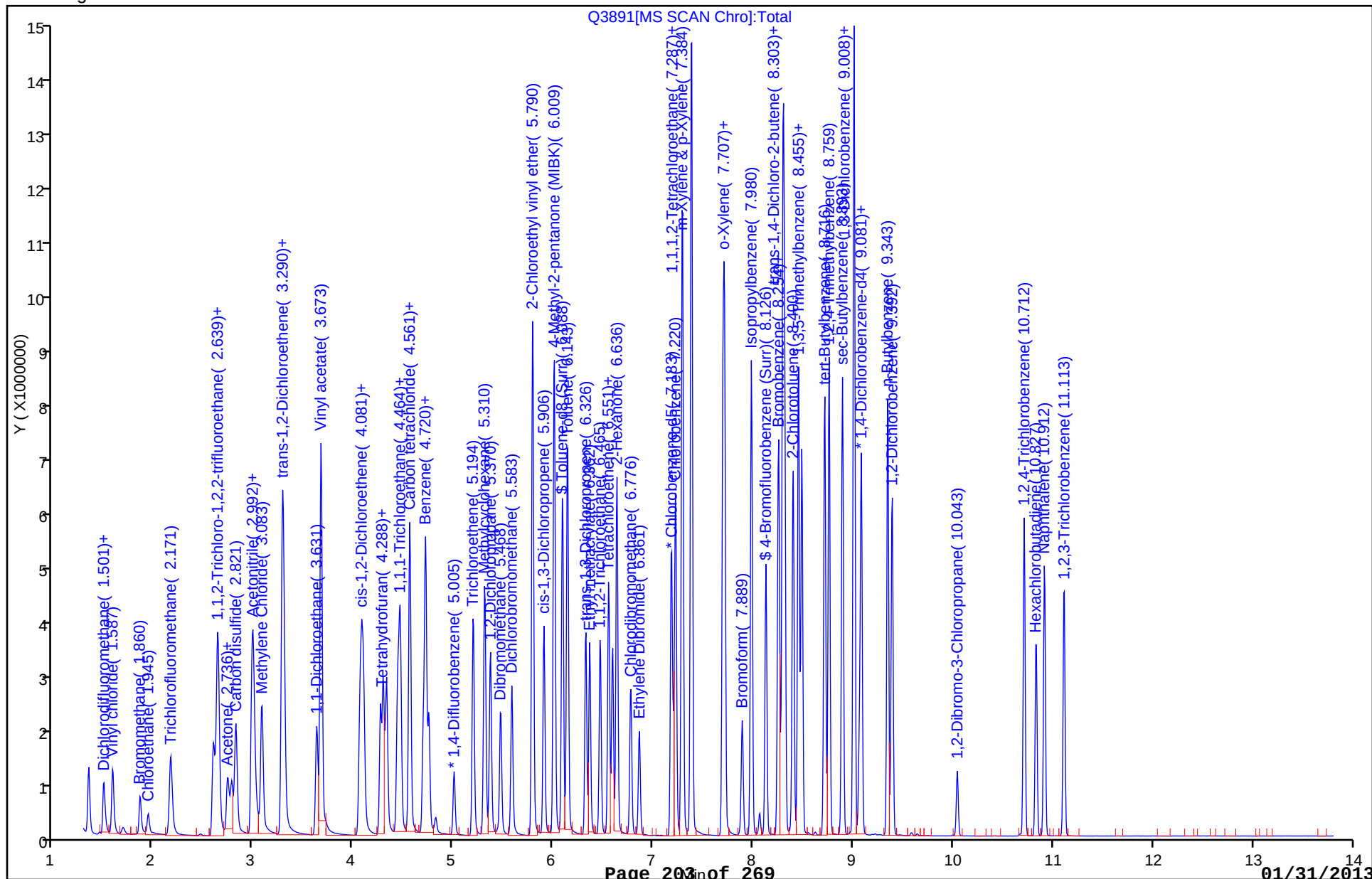
Operator ID: TRB

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Lab Sample ID: CCVIS 480-100709/3 Calibration Date: 01/23/2013 10:56

Instrument ID: HP5973Q Calib Start Date: 11/09/2012 16:23

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 11/09/2012 18:41

Lab File ID: Q5711.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	0.3303	0.3439		26.0	25.0	4.1	50.0
Chloromethane	Ave	0.3653	0.3240	0.1000	22.2	25.0	-11.3	50.0
Vinyl chloride	Ave	0.3748	0.3248		21.7	25.0	-13.3	20.0
Bromomethane	Lin		0.0772		18.1	25.0	-27.6	50.0
Chloroethane	Lin1		0.1046		30.5	25.0	22.1	50.0
Trichlorofluoromethane	Ave	0.4442	0.4630		26.1	25.0	4.2	50.0
Acrolein	Ave	0.0267	0.0234		438	500	-12.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2752	0.2225		20.2	25.0	-19.1	50.0
1,1-Dichloroethene	Ave	0.2849	0.3019	0.1000	26.5	25.0	6.0	20.0
Acetone	Ave	0.0975	0.0571		73.2	125	-41.4	50.0
Iodomethane	Lin		0.2979		25.5	25.0	1.9	50.0
Carbon disulfide	Ave	0.8930	0.7773		21.8	25.0	-13.0	50.0
Acetonitrile	Ave	0.0212	0.0139		654	1000	-34.6	50.0
Methyl acetate	Ave	0.2950	0.2031		17.2	25.0	-31.2	50.0
Methylene Chloride	Ave	0.3460	0.3395		24.5	25.0	-1.9	50.0
Methyl tert-butyl ether	Ave	0.9730	0.7559		19.4	25.0	-22.3	50.0
trans-1,2-Dichloroethene	Ave	0.3315	0.3392		25.6	25.0	2.3	50.0
Acrylonitrile	Ave	0.1139	0.0782		85.8	125	-31.4	50.0
1,1-Dichloroethane	Ave	0.5798	0.5761		24.8	25.0	-0.6	50.0
Vinyl acetate	Ave	0.6212	0.4679		94.2	125	-24.7	50.0
2,2-Dichloropropane	Ave	0.4783	0.4629		24.2	25.0	-3.2	50.0
cis-1,2-Dichloroethene	Ave	0.3727	0.3785		25.4	25.0	1.5	50.0
2-Butanone (MEK)	Ave	0.1496	0.0908		75.9	125	-39.3	50.0
Bromochloromethane	Ave	0.1972	0.1964		24.9	25.0	-0.4	50.0
Tetrahydrofuran	Ave	0.0990	0.0616		77.8	125	-37.8	50.0
Chloroform	Ave	0.5571	0.5638		25.3	25.0	1.2	20.0
1,1,1-Trichloroethane	Ave	0.5049	0.5034		24.9	25.0	-0.3	50.0
Cyclohexane	Ave	0.5218	0.4190		20.1	25.0	-19.7	50.0
1,1-Dichloropropene	Ave	0.4374	0.4291		24.5	25.0	-1.9	50.0
Carbon tetrachloride	Ave	0.4433	0.4260		24.0	25.0	-3.9	50.0
Benzene	Ave	1.300	1.287		24.7	25.0	-1.0	50.0
1,2-Dichloroethane	Ave	0.4358	0.3919		22.5	25.0	-10.1	50.0
Trichloroethene	Ave	0.3394	0.3484		25.7	25.0	2.7	50.0
Methylcyclohexane	Ave	0.5312	0.4214		19.8	25.0	-20.7	50.0
1,2-Dichloropropane	Ave	0.3401	0.3295		24.2	25.0	-3.1	20.0
Dibromomethane	Ave	0.2159	0.1882		21.8	25.0	-12.8	50.0
Bromodichloromethane	Ave	0.4377	0.4388		25.1	25.0	0.3	50.0
2-Chloroethyl vinyl ether	Ave	0.2226	0.1350		75.8	125	-39.4	50.0
cis-1,3-Dichloropropene	Ave	0.5699	0.5364		23.5	25.0	-5.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6923	0.4436		80.1	125	-35.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Lab Sample ID: CCVIS 480-100709/3 Calibration Date: 01/23/2013 10:56

Instrument ID: HP5973Q Calib Start Date: 11/09/2012 16:23

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 11/09/2012 18:41

Lab File ID: Q5711.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	1.901	1.818		23.9	25.0	-4.3	20.0
trans-1,3-Dichloropropene	Ave	1.164	1.025		22.0	25.0	-12.0	50.0
Ethyl methacrylate	Ave	0.997	0.7057		17.7	25.0	-29.2	50.0
1,1,2-Trichloroethane	Ave	0.5581	0.4697		21.0	25.0	-15.8	50.0
Tetrachloroethene	Ave	0.8766	0.8468		24.2	25.0	-3.4	50.0
1,3-Dichloropropane	Ave	1.186	1.015		21.4	25.0	-14.4	50.0
2-Hexanone	Ave	0.4957	0.3021		76.2	125	-39.1	50.0
Dibromochloromethane	Ave	0.8313	0.7867		23.7	25.0	-5.4	50.0
1,2-Dibromoethane	Ave	0.7477	0.6317		21.1	25.0	-15.5	50.0
Chlorobenzene	Ave	2.186	2.152	0.3000	24.6	25.0	-1.6	50.0
1,1,1,2-Tetrachloroethane	Ave	0.7933	0.7898		24.9	25.0	-0.4	50.0
Ethylbenzene	Ave	3.480	3.354		24.1	25.0	-3.6	20.0
m,p-Xylene	Ave	1.453	1.372		47.2	50.0	-5.5	50.0
o-Xylene	Ave	1.455	1.391		23.9	25.0	-4.4	50.0
Styrene	Ave	2.462	2.323		23.6	25.0	-5.6	50.0
Bromoform	Ave	0.5470	0.4798	0.1000	21.9	25.0	-12.3	50.0
Isopropylbenzene	Ave	3.364	3.434		25.5	25.0	2.1	50.0
Bromobenzene	Ave	0.9081	0.9216		25.4	25.0	1.5	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8160	0.6495	0.3000	19.9	25.0	-20.4	50.0
1,2,3-Trichloropropane	Ave	0.2615	0.2014		19.3	25.0	-23.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2160	0.1473		85.2	125	-31.8	50.0
N-Propylbenzene	Ave	3.831	3.862		25.2	25.0	0.8	50.0
2-Chlorotoluene	Ave	0.8296	0.8725		26.3	25.0	5.2	50.0
1,3,5-Trimethylbenzene	Ave	2.747	2.793		25.4	25.0	1.7	50.0
4-Chlorotoluene	Ave	0.8664	0.9172		26.5	25.0	5.9	50.0
tert-Butylbenzene	Ave	0.6375	0.6508		25.5	25.0	2.1	50.0
1,2,4-Trimethylbenzene	Ave	2.805	2.836		25.3	25.0	1.1	50.0
sec-Butylbenzene	Ave	3.450	3.474		25.2	25.0	0.7	50.0
1,3-Dichlorobenzene	Ave	1.633	1.625		24.9	25.0	-0.5	50.0
4-Isopropyltoluene	Ave	2.934	2.957		25.2	25.0	0.8	50.0
1,4-Dichlorobenzene	Ave	1.680	1.655		24.6	25.0	-1.4	50.0
n-Butylbenzene	Ave	2.501	2.573		25.7	25.0	2.9	50.0
1,2-Dichlorobenzene	Ave	1.580	1.529		24.2	25.0	-3.2	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1417	0.0955		16.8	25.0	-32.6	50.0
1,2,4-Trichlorobenzene	Ave	1.075	0.9276		21.6	25.0	-13.7	50.0
Hexachlorobutadiene	Ave	0.4177	0.3891		23.3	25.0	-6.8	50.0
Naphthalene	Ave	2.218	1.461		16.5	25.0	-34.1	50.0
1,2,3-Trichlorobenzene	Ave	0.8380	0.5939		17.7	25.0	-29.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1737	0.1255		18.1	25.0	-27.7	50.0
Toluene-d8 (Surr)	Ave	2.627	2.333		22.2	25.0	-11.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.9253	0.8819		23.8	25.0	-4.7	50.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5711.D
 Lims ID: CCVIS Client ID:
 Inject. Date: 23-Jan-2013 10:56:30 Dil. Factor: 1.0000
 Sample Type: CCVIS
 Sample ID: CCVIS
 Misc. Info.: 480-0018476-003
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 1
 Lims Batch ID: 100709 Lims Sample ID: 3
 Sublist: chrom-Q-8260*sub1
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q-8260.m
 Last Update: 23-Jan-2013 20:12:25 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK019

First Level Reviewer: cwiklinc

Date: 23-Jan-2013 20:12:25

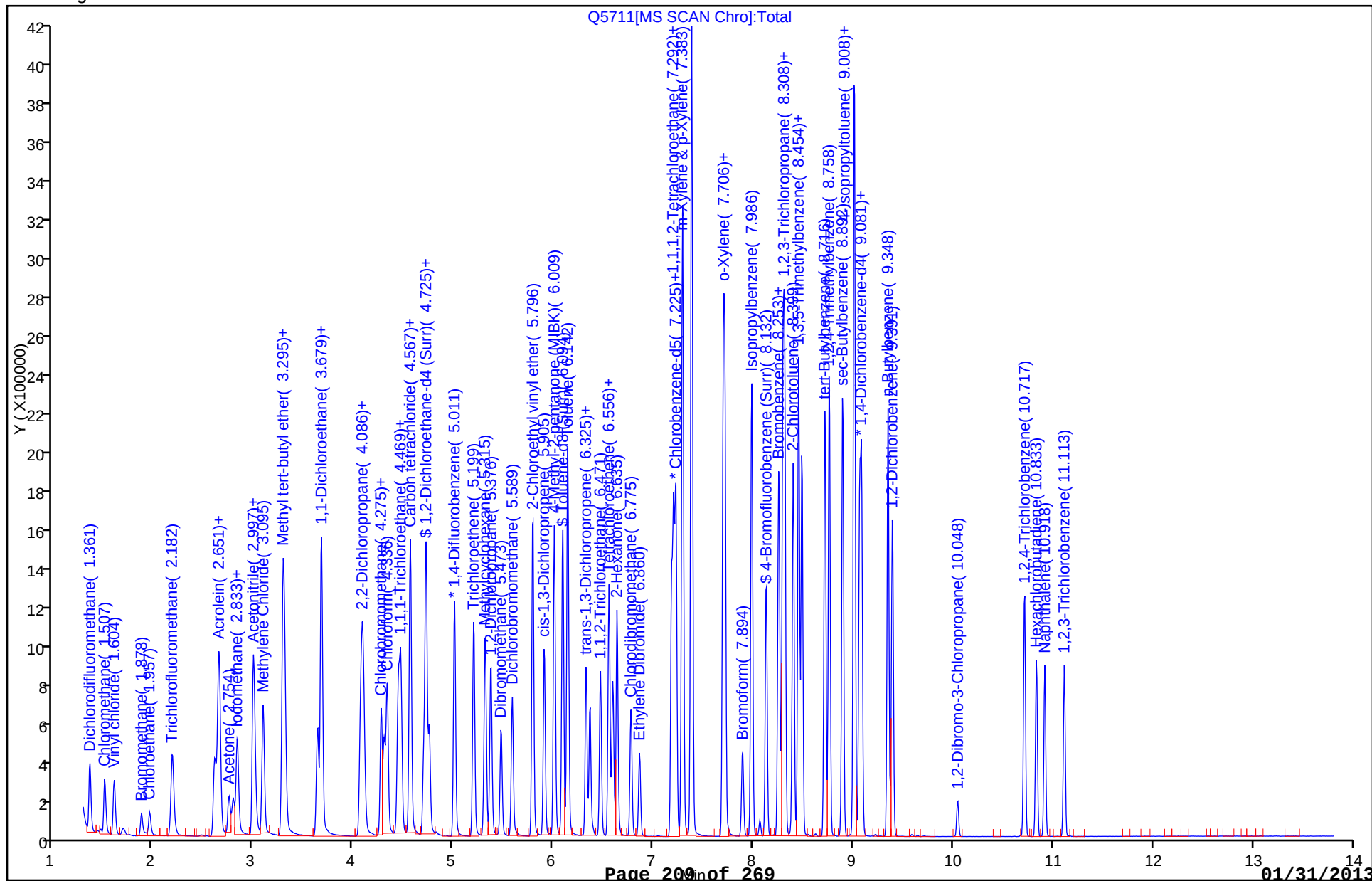
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.011	5.011	0.0	93	904783	25.0	
* 2 Chlorobenzene-d5	82	7.201	7.201	0.0	83	411161	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.063	9.063	0.0	91	421922	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.701	4.701	0.0	95	113580	18.1	
\$ 5 Toluene-d8 (Surr)	98	6.094	6.094	0.0	83	959128	22.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.132	8.132	0.0	95	362598	23.8	
10 Dichlorodifluoromethane	85	1.361	1.361	0.0	87	311173	26.0	
12 Chloromethane	50	1.507	1.507	0.0	99	293168	22.2	
13 Vinyl chloride	62	1.604	1.604	0.0	83	293861	21.7	
14 Bromomethane	94	1.878	1.878	0.0	88	69883	18.1	
15 Chloroethane	64	1.957	1.957	0.0	94	94605	30.5	
17 Trichlorofluoromethane	101	2.182	2.182	0.0	97	418910	26.1	
20 Acrolein	56	2.608	2.608	0.0	96	423930	438.2	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.644	2.644	0.0	78	201326	20.2	
22 1,1-Dichloroethene	96	2.657	2.657	0.0	88	273185	26.5	
23 Acetone	43	2.754	2.754	0.0	100	258391	73.2	
25 Iodomethane	142	2.797	2.797	0.0	98	269523	25.5	
26 Carbon disulfide	76	2.833	2.833	0.0	98	703271	21.8	
29 Acetonitrile	40	2.997	2.997	0.0	99	501273	654.2	
27 Methyl acetate	43	3.009	3.009	0.0	96	183730	17.2	
30 Methylene Chloride	84	3.095	3.095	0.0	88	307156	24.5	
32 Methyl tert-butyl ether	73	3.289	3.289	0.0	89	683922	19.4	
34 trans-1,2-Dichloroethene	96	3.295	3.295	0.0	88	306859	25.6	
33 Acrylonitrile	53	3.314	3.314	0.0	99	353617	85.8	
39 1,1-Dichloroethane	63	3.636	3.636	0.0	85	521221	24.8	
37 Vinyl acetate	43	3.679	3.679	0.0	97	2116893	94.2	
44 2,2-Dichloropropane	77	4.068	4.068	0.0	88	418828	24.2	
45 cis-1,2-Dichloroethene	96	4.092	4.092	0.0	79	342423	25.4	
43 2-Butanone (MEK)	43	4.104	4.104	0.0	94	410902	75.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Chlorobromomethane	128	4.275	4.275	0.0	94	177737	24.9	
49 Tetrahydrofuran	42	4.305	4.305	0.0	89	278717	77.8	
50 Chloroform	83	4.336	4.336	0.0	80	510121	25.3	
51 1,1,1-Trichloroethane	97	4.445	4.445	0.0	91	455424	24.9	
52 Cyclohexane	56	4.469	4.469	0.0	89	379099	20.1	
55 Carbon tetrachloride	117	4.567	4.567	0.0	84	385415	24.0	
54 1,1-Dichloropropene	75	4.567	4.567	0.0	95	388245	24.5	
57 Benzene	78	4.725	4.725	0.0	96	1164628	24.7	
58 1,2-Dichloroethane	62	4.755	4.755	0.0	89	354558	22.5	
62 Trichloroethene	95	5.199	5.199	0.0	90	315253	25.7	
64 Methylcyclohexane	83	5.315	5.315	0.0	88	381304	19.8	
65 1,2-Dichloropropane	63	5.376	5.376	0.0	95	298150	24.2	
67 Dibromomethane	93	5.473	5.473	0.0	85	170291	21.8	
68 Dichlorobromomethane	83	5.589	5.589	0.0	94	397006	25.1	
69 2-Chloroethyl vinyl ether	63	5.796	5.796	0.0	92	610532	75.8	
72 cis-1,3-Dichloropropene	75	5.905	5.905	0.0	93	485345	23.5	
73 4-Methyl-2-pentanone (MIBK)	43	6.009	6.009	0.0	95	911982	80.1	
74 Toluene	92	6.142	6.142	0.0	92	747591	23.9	
77 trans-1,3-Dichloropropene	75	6.325	6.325	0.0	87	421343	22.0	
75 Ethyl methacrylate	69	6.368	6.368	0.0	87	290161	17.7	
79 1,1,2-Trichloroethane	83	6.471	6.471	0.0	91	193132	21.0	
81 Tetrachloroethene	166	6.556	6.556	0.0	97	348182	24.2	
82 1,3-Dichloropropane	76	6.593	6.593	0.0	86	417267	21.4	
80 2-Hexanone	43	6.635	6.635	0.0	96	621012	76.2	
83 Chlorodibromomethane	129	6.775	6.775	0.0	89	323462	23.7	
84 Ethylene Dibromide	107	6.860	6.860	0.0	99	259712	21.1	
87 Chlorobenzene	112	7.225	7.225	0.0	89	884721	24.6	
89 1,1,1,2-Tetrachloroethane	131	7.292	7.292	0.0	89	324729	24.9	
88 Ethylbenzene	91	7.292	7.292	0.0	98	1379195	24.1	
90 m-Xylene & p-Xylene	106	7.383	7.383	0.0	97	1128632	47.2	
91 o-Xylene	106	7.700	7.700	0.0	95	571825	23.9	
92 Styrene	104	7.718	7.718	0.0	95	955146	23.6	
95 Bromoform	173	7.894	7.894	0.0	98	197277	21.9	
94 Isopropylbenzene	105	7.986	7.986	0.0	94	1448851	25.5	
101 Bromobenzene	156	8.253	8.253	0.0	91	388833	25.4	
97 1,1,2,2-Tetrachloroethane	83	8.259	8.259	0.0	73	274035	19.9	
100 1,2,3-Trichloropropane	110	8.290	8.290	0.0	72	84989	19.3	
98 trans-1,4-Dichloro-2-butene	53	8.296	8.296	0.0	84	310753	85.2	
99 N-Propylbenzene	91	8.314	8.314	0.0	95	1629654	25.2	
103 2-Chlorotoluene	126	8.399	8.399	0.0	98	368123	26.3	
102 1,3,5-Trimethylbenzene	105	8.454	8.454	0.0	75	1178255	25.4	
105 4-Chlorotoluene	126	8.485	8.485	0.0	94	386974	26.5	
106 tert-Butylbenzene	134	8.716	8.716	0.0	85	274569	25.5	
107 1,2,4-Trimethylbenzene	105	8.758	8.758	0.0	96	1196588	25.3	
109 sec-Butylbenzene	105	8.892	8.892	0.0	93	1465931	25.2	
111 1,3-Dichlorobenzene	146	9.008	9.008	0.0	72	685807	24.9	
110 4-Isopropyltoluene	119	9.014	9.014	0.0	94	1247678	25.2	
113 1,4-Dichlorobenzene	146	9.087	9.087	0.0	96	698440	24.6	
115 n-Butylbenzene	91	9.348	9.348	0.0	94	1085540	25.7	
116 1,2-Dichlorobenzene	146	9.391	9.391	0.0	97	645166	24.2	
117 1,2-Dibromo-3-Chloropropane	75	10.048	10.048	0.0	85	40273	16.8	
119 1,2,4-Trichlorobenzene	180	10.717	10.717	0.0	93	391373	21.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
120 Hexachlorobutadiene	225	10.833	10.833	0.0	95	164187	23.3	
121 Naphthalene	128	10.918	10.918	0.0	96	616391	16.5	
122 1,2,3-Trichlorobenzene	180	11.113	11.113	0.0	95	250592	17.7	
S 125 1,2-Dichloroethene, Total	1				0		51.0	
S 126 1,3-Dichloropropene, Total	1				0		45.5	
S 123 Total BTEX	1				0		143.9	
S 124 Xylenes, Total	1				0		71.1	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5711.D
Injection Date: 23-Jan-2013 10:56:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 100709 Lims Sample ID: 3
Operator ID: jmb Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm
Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Lab Sample ID: CCVIS 480-100819/2 Calibration Date: 01/24/2013 00:08

Instrument ID: HP5973Q Calib Start Date: 11/09/2012 16:23

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 11/09/2012 18:41

Lab File ID: Q5739.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	0.3303	0.3560		26.9	25.0	7.8	50.0
Chloromethane	Ave	0.3653	0.4053	0.1000	27.7	25.0	10.9	50.0
Vinyl chloride	Ave	0.3748	0.3273		21.8	25.0	-12.7	20.0
Bromomethane	Lin		0.0846		19.6	25.0	-21.8	50.0
Chloroethane	Lin1		0.1257		36.8	25.0	47.3	50.0
Trichlorofluoromethane	Ave	0.4442	0.4984		28.1	25.0	12.2	50.0
Acrolein	Ave	0.0267	0.0370		692	500	38.5	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2752	0.2705		24.6	25.0	-1.7	50.0
1,1-Dichloroethene	Ave	0.2849	0.3138	0.1000	27.5	25.0	10.1	20.0
Acetone	Ave	0.0975	0.0962		123	125	-1.3	50.0
Iodomethane	Lin		0.1559		15.2	25.0	-39.1	50.0
Carbon disulfide	Ave	0.8930	0.8259		23.1	25.0	-7.5	50.0
Acetonitrile	Ave	0.0212	0.0221		1040	1000	4.5	50.0
Methyl acetate	Ave	0.2950	0.3367		28.5	25.0	14.1	50.0
Methylene Chloride	Ave	0.3460	0.3699		26.7	25.0	6.9	50.0
Methyl tert-butyl ether	Ave	0.9730	0.9744		25.0	25.0	0.1	50.0
trans-1,2-Dichloroethene	Ave	0.3315	0.3579		27.0	25.0	8.0	50.0
Acrylonitrile	Ave	0.1139	0.1287		141	125	13.0	50.0
1,1-Dichloroethane	Ave	0.5798	0.6285		27.1	25.0	8.4	50.0
Vinyl acetate	Ave	0.6212	0.6649		134	125	7.0	50.0
2,2-Dichloropropane	Ave	0.4783	0.5200		27.2	25.0	8.7	50.0
cis-1,2-Dichloroethene	Ave	0.3727	0.4053		27.2	25.0	8.7	50.0
2-Butanone (MEK)	Ave	0.1496	0.1550		129	125	3.6	50.0
Bromochloromethane	Ave	0.1972	0.2129		27.0	25.0	8.0	50.0
Tetrahydrofuran	Ave	0.0990	0.1044		132	125	5.5	50.0
Chloroform	Ave	0.5571	0.5921		26.6	25.0	6.3	20.0
1,1,1-Trichloroethane	Ave	0.5049	0.5448		27.0	25.0	7.9	50.0
Cyclohexane	Ave	0.5218	0.5244		25.1	25.0	0.5	50.0
1,1-Dichloropropene	Ave	0.4374	0.4752		27.2	25.0	8.6	50.0
Carbon tetrachloride	Ave	0.4433	0.4885		27.6	25.0	10.2	50.0
Benzene	Ave	1.300	1.390		26.7	25.0	6.9	50.0
1,2-Dichloroethane	Ave	0.4358	0.4710		27.0	25.0	8.1	50.0
Trichloroethene	Ave	0.3394	0.3813		28.1	25.0	12.3	50.0
Methylcyclohexane	Ave	0.5312	0.5362		25.2	25.0	1.0	50.0
1,2-Dichloropropane	Ave	0.3401	0.3600		26.5	25.0	5.9	20.0
Dibromomethane	Ave	0.2159	0.2385		27.6	25.0	10.4	50.0
Bromodichloromethane	Ave	0.4377	0.4752		27.1	25.0	8.6	50.0
2-Chloroethyl vinyl ether	Ave	0.2226	0.2141		120	125	-3.8	50.0
cis-1,3-Dichloropropene	Ave	0.5699	0.5979		26.2	25.0	4.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6923	0.7232		131	125	4.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Lab Sample ID: CCVIS 480-100819/2 Calibration Date: 01/24/2013 00:08

Instrument ID: HP5973Q Calib Start Date: 11/09/2012 16:23

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 11/09/2012 18:41

Lab File ID: Q5739.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	1.901	1.963		25.8	25.0	3.3	20.0
trans-1,3-Dichloropropene	Ave	1.164	1.218		26.1	25.0	4.6	50.0
Ethyl methacrylate	Ave	0.997	1.009		25.3	25.0	1.2	50.0
1,1,2-Trichloroethane	Ave	0.5581	0.5892		26.4	25.0	5.6	50.0
Tetrachloroethene	Ave	0.8766	0.9014		25.7	25.0	2.8	50.0
1,3-Dichloropropane	Ave	1.186	1.277		26.9	25.0	7.7	50.0
2-Hexanone	Ave	0.4957	0.5054		127	125	2.0	50.0
Dibromochloromethane	Ave	0.8313	0.9292		27.9	25.0	11.8	50.0
1,2-Dibromoethane	Ave	0.7477	0.8141		27.2	25.0	8.9	50.0
Chlorobenzene	Ave	2.186	2.275	0.3000	26.0	25.0	4.1	50.0
1,1,1,2-Tetrachloroethane	Ave	0.7933	0.8270		26.1	25.0	4.3	50.0
Ethylbenzene	Ave	3.480	3.546		25.5	25.0	1.9	20.0
m,p-Xylene	Ave	1.453	1.456		50.1	50.0	0.2	50.0
o-Xylene	Ave	1.455	1.449		24.9	25.0	-0.4	50.0
Styrene	Ave	2.462	2.409		24.5	25.0	-2.2	50.0
Bromoform	Ave	0.5470	0.6183	0.1000	28.3	25.0	13.0	50.0
Isopropylbenzene	Ave	3.364	3.786		28.1	25.0	12.6	50.0
Bromobenzene	Ave	0.9081	0.9858		27.1	25.0	8.6	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8160	0.9440	0.3000	28.9	25.0	15.7	50.0
1,2,3-Trichloropropane	Ave	0.2615	0.3061		29.3	25.0	17.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2160	0.2294		133	125	6.2	50.0
N-Propylbenzene	Ave	3.831	4.200		27.4	25.0	9.6	50.0
2-Chlorotoluene	Ave	0.8296	0.9211		27.8	25.0	11.0	50.0
1,3,5-Trimethylbenzene	Ave	2.747	3.005		27.4	25.0	9.4	50.0
4-Chlorotoluene	Ave	0.8664	0.9590		27.7	25.0	10.7	50.0
tert-Butylbenzene	Ave	0.6375	0.6983		27.4	25.0	9.5	50.0
1,2,4-Trimethylbenzene	Ave	2.805	3.026		27.0	25.0	7.9	50.0
sec-Butylbenzene	Ave	3.450	3.771		27.3	25.0	9.3	50.0
1,3-Dichlorobenzene	Ave	1.633	1.692		25.9	25.0	3.6	50.0
4-Isopropyltoluene	Ave	2.934	3.171		27.0	25.0	8.1	50.0
1,4-Dichlorobenzene	Ave	1.680	1.748		26.0	25.0	4.1	50.0
n-Butylbenzene	Ave	2.501	2.775		27.7	25.0	11.0	50.0
1,2-Dichlorobenzene	Ave	1.580	1.660		26.3	25.0	5.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1417	0.1578		27.8	25.0	11.4	50.0
1,2,4-Trichlorobenzene	Ave	1.075	1.031		24.0	25.0	-4.1	50.0
Hexachlorobutadiene	Ave	0.4177	0.4110		24.6	25.0	-1.6	50.0
Naphthalene	Ave	2.218	2.324		26.2	25.0	4.8	50.0
1,2,3-Trichlorobenzene	Ave	0.8380	0.7087		21.1	25.0	-15.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1737	0.1442		20.8	25.0	-17.0	50.0
Toluene-d8 (Surr)	Ave	2.627	2.369		22.5	25.0	-9.8	50.0
4-Bromofluorobenzene (Surr)	Ave	0.9253	0.8440		22.8	25.0	-8.8	50.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5739.D
 Lims ID: CCVIS Client ID:
 Inject. Date: 24-Jan-2013 00:08:30 Dil. Factor: 1.0000
 Sample Type: CCVIS
 Sample ID: CCVIS
 Misc. Info.: 480-0018502-002
 Operator: CDC Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 1
 Lims Batch ID: 100819 Lims Sample ID: 2
 Sublist: chrom-Q-8260*sub1
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q-8260.m
 Last Update: 24-Jan-2013 00:26:39 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK019

First Level Reviewer: cwiklinc

Date: 24-Jan-2013 00:26:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.012	5.012	0.0	93	798322	25.0	
* 2 Chlorobenzene-d5	82	7.202	7.202	0.0	84	365919	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.064	9.064	0.0	73	359814	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.702	4.702	0.0	97	115114	20.8	
\$ 5 Toluene-d8 (Surr)	98	6.089	6.089	0.0	82	866936	22.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.127	8.127	0.0	94	308818	22.8	
10 Dichlorodifluoromethane	85	1.362	1.362	0.0	88	284161	26.9	
12 Chloromethane	50	1.508	1.508	0.0	89	323582	27.7	
13 Vinyl chloride	62	1.599	1.599	0.0	97	261251	21.8	
14 Bromomethane	94	1.873	1.873	0.0	91	67573	19.6	
15 Chloroethane	64	1.958	1.958	0.0	94	100375	36.8	
17 Trichlorofluoromethane	101	2.190	2.190	0.0	86	397879	28.1	
20 Acrolein	56	2.603	2.603	0.0	95	591112	692.5	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.652	2.652	0.0	81	215946	24.6	
22 1,1-Dichloroethene	96	2.658	2.658	0.0	98	250473	27.5	
23 Acetone	43	2.749	2.749	0.0	100	384000	123.3	
25 Iodomethane	142	2.792	2.792	0.0	98	124474	15.2	
26 Carbon disulfide	76	2.834	2.834	0.0	99	659308	23.1	
29 Acetonitrile	40	2.993	2.993	0.0	99	706186	1044.5	
27 Methyl acetate	43	3.011	3.011	0.0	96	268787	28.5	
30 Methylene Chloride	84	3.090	3.090	0.0	88	295326	26.7	
32 Methyl tert-butyl ether	73	3.297	3.297	0.0	88	777880	25.0	
34 trans-1,2-Dichloroethene	96	3.297	3.297	0.0	94	285706	27.0	
33 Acrylonitrile	53	3.309	3.309	0.0	98	513759	141.3	
39 1,1-Dichloroethane	63	3.637	3.637	0.0	85	501715	27.1	
37 Vinyl acetate	43	3.680	3.680	0.0	97	2654054	133.8	
44 2,2-Dichloropropane	77	4.069	4.069	0.0	89	415109	27.2	
45 cis-1,2-Dichloroethene	96	4.088	4.088	0.0	69	323559	27.2	
43 2-Butanone (MEK)	43	4.106	4.106	0.0	95	618792	129.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Chlorobromomethane	128	4.276	4.276	0.0	89	169972	27.0	
49 Tetrahydrofuran	42	4.307	4.307	0.0	90	416852	131.8	
50 Chloroform	83	4.337	4.337	0.0	81	472705	26.6	
51 1,1,1-Trichloroethane	97	4.447	4.447	0.0	92	434903	27.0	
52 Cyclohexane	56	4.471	4.471	0.0	89	418597	25.1	
55 Carbon tetrachloride	117	4.568	4.568	0.0	79	389998	27.6	
54 1,1-Dichloropropene	75	4.568	4.568	0.0	97	379328	27.2	
57 Benzene	78	4.726	4.726	0.0	96	1109642	26.7	
58 1,2-Dichloroethane	62	4.757	4.757	0.0	88	376037	27.0	
62 Trichloroethene	95	5.201	5.201	0.0	90	304376	28.1	
64 Methylcyclohexane	83	5.316	5.316	0.0	88	428095	25.2	
65 1,2-Dichloropropane	63	5.371	5.371	0.0	96	287407	26.5	
67 Dibromomethane	93	5.475	5.475	0.0	86	190378	27.6	
68 Dichlorobromomethane	83	5.590	5.590	0.0	100	379334	27.1	
69 2-Chloroethyl vinyl ether	63	5.791	5.791	0.0	91	854639	120.2	
72 cis-1,3-Dichloropropene	75	5.907	5.907	0.0	92	477339	26.2	
73 4-Methyl-2-pentanone (MIBK)	43	6.010	6.010	0.0	95	1323121	130.6	
74 Toluene	92	6.144	6.144	0.0	98	718459	25.8	
77 trans-1,3-Dichloropropene	75	6.326	6.326	0.0	91	445513	26.1	
75 Ethyl methacrylate	69	6.363	6.363	0.0	88	369227	25.3	
79 1,1,2-Trichloroethane	83	6.472	6.472	0.0	91	215585	26.4	
81 Tetrachloroethene	166	6.558	6.558	0.0	91	329838	25.7	
82 1,3-Dichloropropane	76	6.594	6.594	0.0	87	467232	26.9	
80 2-Hexanone	43	6.637	6.637	0.0	96	924734	127.5	
83 Chlorodibromomethane	129	6.777	6.777	0.0	87	340009	27.9	
84 Ethylene Dibromide	107	6.862	6.862	0.0	99	297882	27.2	
87 Chlorobenzene	112	7.227	7.227	0.0	95	832543	26.0	
89 1,1,1,2-Tetrachloroethane	131	7.288	7.288	0.0	94	302603	26.1	
88 Ethylbenzene	91	7.294	7.294	0.0	98	1297513	25.5	
90 m-Xylene & p-Xylene	106	7.385	7.385	0.0	96	1065715	50.1	
91 o-Xylene	106	7.701	7.701	0.0	94	530227	24.9	
92 Styrene	104	7.713	7.713	0.0	95	881524	24.5	
95 Bromoform	173	7.890	7.890	0.0	97	226252	28.3	
94 Isopropylbenzene	105	7.981	7.981	0.0	95	1362157	28.1	
101 Bromobenzene	156	8.255	8.255	0.0	91	354717	27.1	
97 1,1,2,2-Tetrachloroethane	83	8.261	8.261	0.0	89	339663	28.9	
100 1,2,3-Trichloropropane	110	8.291	8.291	0.0	74	110139	29.3	
98 trans-1,4-Dichloro-2-butene	53	8.297	8.297	0.0	91	412662	132.7	
99 N-Propylbenzene	91	8.316	8.316	0.0	95	1511265	27.4	
103 2-Chlorotoluene	126	8.401	8.401	0.0	98	331435	27.8	
102 1,3,5-Trimethylbenzene	105	8.449	8.449	0.0	72	1081241	27.4	
105 4-Chlorotoluene	126	8.486	8.486	0.0	94	345068	27.7	
106 tert-Butylbenzene	134	8.717	8.717	0.0	89	251267	27.4	
107 1,2,4-Trimethylbenzene	105	8.760	8.760	0.0	96	1088623	27.0	
109 sec-Butylbenzene	105	8.894	8.894	0.0	93	1356896	27.3	
111 1,3-Dichlorobenzene	146	9.009	9.009	0.0	72	608663	25.9	
110 4-Isopropyltoluene	119	9.009	9.009	0.0	97	1140839	27.0	
113 1,4-Dichlorobenzene	146	9.082	9.082	0.0	94	629123	26.0	
115 n-Butylbenzene	91	9.350	9.350	0.0	94	998334	27.7	
116 1,2-Dichlorobenzene	146	9.392	9.392	0.0	97	597201	26.3	
117 1,2-Dibromo-3-Chloropropane	75	10.043	10.043	0.0	87	56782	27.8	
119 1,2,4-Trichlorobenzene	180	10.713	10.713	0.0	93	371054	24.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
120 Hexachlorobutadiene	225	10.834	10.834	0.0	95	147895	24.6	
121 Naphthalene	128	10.919	10.919	0.0	96	836223	26.2	
122 1,2,3-Trichlorobenzene	180	11.114	11.114	0.0	94	255008	21.1	
S 123 Total BTEX	1				0		153.0	
S 124 Xylenes, Total	1				0		75.0	
S 125 1,2-Dichloroethene, Total	1				0		54.2	
S 126 1,3-Dichloropropene, Total	1				0		52.4	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5739.D

Injection Date: 24-Jan-2013 00:08:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973Q

Lims Batch ID: 100819

Lims Sample ID: 2

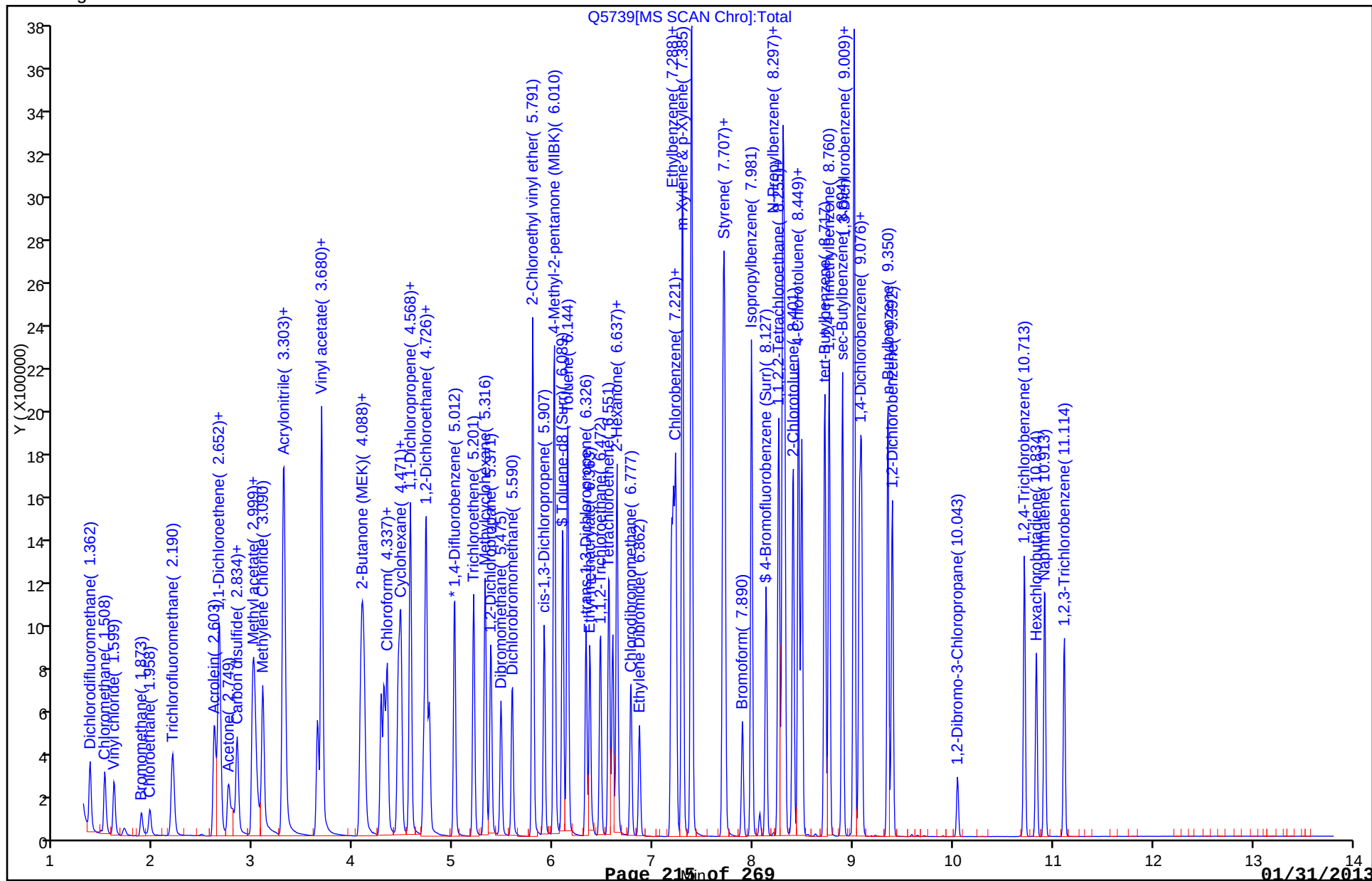
Operator ID: CDC

Purge Vol: 5.000 mL

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Lab Sample ID: CCVIS 480-100891/2 Calibration Date: 01/24/2013 11:29

Instrument ID: HP5973Q Calib Start Date: 11/09/2012 16:23

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 11/09/2012 18:41

Lab File ID: Q5763.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	0.3303	0.3280		24.8	25.0	-0.7	50.0
Chloromethane	Ave	0.3653	0.3799	0.1000	26.0	25.0	4.0	50.0
Vinyl chloride	Ave	0.3748	0.3107		20.7	25.0	-17.1	20.0
Bromomethane	Lin		0.0880		20.2	25.0	-19.2	50.0
Chloroethane	Lin1		0.1236		36.2	25.0	44.7	50.0
Trichlorofluoromethane	Ave	0.4442	0.4536		25.5	25.0	2.1	50.0
Acrolein	Ave	0.0267	0.0287		537	500	7.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2752	0.2499		22.7	25.0	-9.2	50.0
1,1-Dichloroethene	Ave	0.2849	0.2999	0.1000	26.3	25.0	5.3	20.0
Acetone	Ave	0.0975	0.0720		92.3	125	-26.2	50.0
Iodomethane	Lin		0.1587		15.4	25.0	-38.3	50.0
Carbon disulfide	Ave	0.8930	0.8224		23.0	25.0	-7.9	50.0
Acetonitrile	Ave	0.0212	0.0177		834	1000	-16.6	50.0
Methyl acetate	Ave	0.2950	0.2615		22.2	25.0	-11.4	50.0
Methylene Chloride	Ave	0.3460	0.3572		25.8	25.0	3.2	50.0
Methyl tert-butyl ether	Ave	0.9730	0.8619		22.1	25.0	-11.4	50.0
trans-1,2-Dichloroethene	Ave	0.3315	0.3439		25.9	25.0	3.7	50.0
Acrylonitrile	Ave	0.1139	0.1030		113	125	-9.6	50.0
1,1-Dichloroethane	Ave	0.5798	0.6067		26.2	25.0	4.6	50.0
Vinyl acetate	Ave	0.6212	0.5653		114	125	-9.0	50.0
2,2-Dichloropropane	Ave	0.4783	0.4736		24.8	25.0	-1.0	50.0
cis-1,2-Dichloroethene	Ave	0.3727	0.3848		25.8	25.0	3.2	50.0
2-Butanone (MEK)	Ave	0.1496	0.1180		98.5	125	-21.2	50.0
Bromochloromethane	Ave	0.1972	0.2011		25.5	25.0	2.0	50.0
Tetrahydrofuran	Ave	0.0990	0.0792		100	125	-20.0	50.0
Chloroform	Ave	0.5571	0.5836		26.2	25.0	4.8	20.0
1,1,1-Trichloroethane	Ave	0.5049	0.5151		25.5	25.0	2.0	50.0
Cyclohexane	Ave	0.5218	0.4700		22.5	25.0	-9.9	50.0
1,1-Dichloropropene	Ave	0.4374	0.4464		25.5	25.0	2.0	50.0
Carbon tetrachloride	Ave	0.4433	0.4629		26.1	25.0	4.4	50.0
Benzene	Ave	1.300	1.350		25.9	25.0	3.8	50.0
1,2-Dichloroethane	Ave	0.4358	0.4464		25.6	25.0	2.4	50.0
Trichloroethene	Ave	0.3394	0.3484		25.7	25.0	2.7	50.0
Methylcyclohexane	Ave	0.5312	0.4557		21.4	25.0	-14.2	50.0
1,2-Dichloropropane	Ave	0.3401	0.3472		25.5	25.0	2.1	20.0
Dibromomethane	Ave	0.2159	0.2112		24.5	25.0	-2.2	50.0
Bromodichloromethane	Ave	0.4377	0.4583		26.2	25.0	4.7	50.0
2-Chloroethyl vinyl ether	Ave	0.2226	0.1846		104	125	-17.1	50.0
cis-1,3-Dichloropropene	Ave	0.5699	0.5633		24.7	25.0	-1.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6923	0.5289		95.5	125	-23.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Lab Sample ID: CCVIS 480-100891/2 Calibration Date: 01/24/2013 11:29

Instrument ID: HP5973Q Calib Start Date: 11/09/2012 16:23

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 11/09/2012 18:41

Lab File ID: Q5763.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	1.901	1.764		23.2	25.0	-7.2	20.0
trans-1,3-Dichloropropene	Ave	1.164	1.017		21.8	25.0	-12.6	50.0
Ethyl methacrylate	Ave	0.997	0.7906		19.8	25.0	-20.7	50.0
1,1,2-Trichloroethane	Ave	0.5581	0.4881		21.9	25.0	-12.5	50.0
Tetrachloroethene	Ave	0.8766	0.7855		22.4	25.0	-10.4	50.0
1,3-Dichloropropane	Ave	1.186	1.063		22.4	25.0	-10.4	50.0
2-Hexanone	Ave	0.4957	0.3618		91.2	125	-27.0	50.0
Dibromochloromethane	Ave	0.8313	0.8045		24.2	25.0	-3.2	50.0
1,2-Dibromoethane	Ave	0.7477	0.6622		22.1	25.0	-11.4	50.0
Chlorobenzene	Ave	2.186	2.067	0.3000	23.6	25.0	-5.4	50.0
1,1,1,2-Tetrachloroethane	Ave	0.7933	0.7408		23.3	25.0	-6.6	50.0
Ethylbenzene	Ave	3.480	3.265		23.5	25.0	-6.2	20.0
m,p-Xylene	Ave	1.453	1.334		45.9	50.0	-8.2	50.0
o-Xylene	Ave	1.455	1.356		23.3	25.0	-6.8	50.0
Styrene	Ave	2.462	2.266		23.0	25.0	-8.0	50.0
Bromoform	Ave	0.5470	0.4922	0.1000	22.5	25.0	-10.0	50.0
Isopropylbenzene	Ave	3.364	3.399		25.3	25.0	1.1	50.0
Bromobenzene	Ave	0.9081	0.8867		24.4	25.0	-2.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8160	0.7256	0.3000	22.2	25.0	-11.1	50.0
1,2,3-Trichloropropane	Ave	0.2615	0.2316		22.1	25.0	-11.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2160	0.1800		104	125	-16.7	50.0
N-Propylbenzene	Ave	3.831	3.831		25.0	25.0	0.0	50.0
2-Chlorotoluene	Ave	0.8296	0.8469		25.5	25.0	2.1	50.0
1,3,5-Trimethylbenzene	Ave	2.747	2.795		25.4	25.0	1.8	50.0
4-Chlorotoluene	Ave	0.8664	0.8826		25.5	25.0	1.9	50.0
tert-Butylbenzene	Ave	0.6375	0.6350		24.9	25.0	-0.4	50.0
1,2,4-Trimethylbenzene	Ave	2.805	2.848		25.4	25.0	1.5	50.0
sec-Butylbenzene	Ave	3.450	3.488		25.3	25.0	1.1	50.0
1,3-Dichlorobenzene	Ave	1.633	1.610		24.6	25.0	-1.4	50.0
4-Isopropyltoluene	Ave	2.934	2.934		25.0	25.0	0.0	50.0
1,4-Dichlorobenzene	Ave	1.680	1.659		24.7	25.0	-1.2	50.0
n-Butylbenzene	Ave	2.501	2.545		25.4	25.0	1.8	50.0
1,2-Dichlorobenzene	Ave	1.580	1.580		25.0	25.0	-0.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1417	0.1208		21.3	25.0	-14.8	50.0
1,2,4-Trichlorobenzene	Ave	1.075	1.100		25.6	25.0	2.3	50.0
Hexachlorobutadiene	Ave	0.4177	0.4173		25.0	25.0	-0.1	50.0
Naphthalene	Ave	2.218	2.310		26.0	25.0	4.2	50.0
1,2,3-Trichlorobenzene	Ave	0.8380	0.9304		27.8	25.0	11.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1737	0.1395		20.1	25.0	-19.7	50.0
Toluene-d8 (Surr)	Ave	2.627	2.208		21.0	25.0	-16.0	50.0
4-Bromofluorobenzene (Surr)	Ave	0.9253	0.8238		22.3	25.0	-11.0	50.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5763.D
 Lims ID: CCVIS Client ID:
 Inject. Date: 24-Jan-2013 11:29:30 Dil. Factor: 1.0000
 Sample Type: CCVIS
 Sample ID: CCVIS
 Misc. Info.: 480-0018521-002
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 1
 Lims Batch ID: 100891 Lims Sample ID: 2
 Sublist: chrom-Q-8260*sub1
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q-8260.m
 Last Update: 24-Jan-2013 11:48:11 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK003

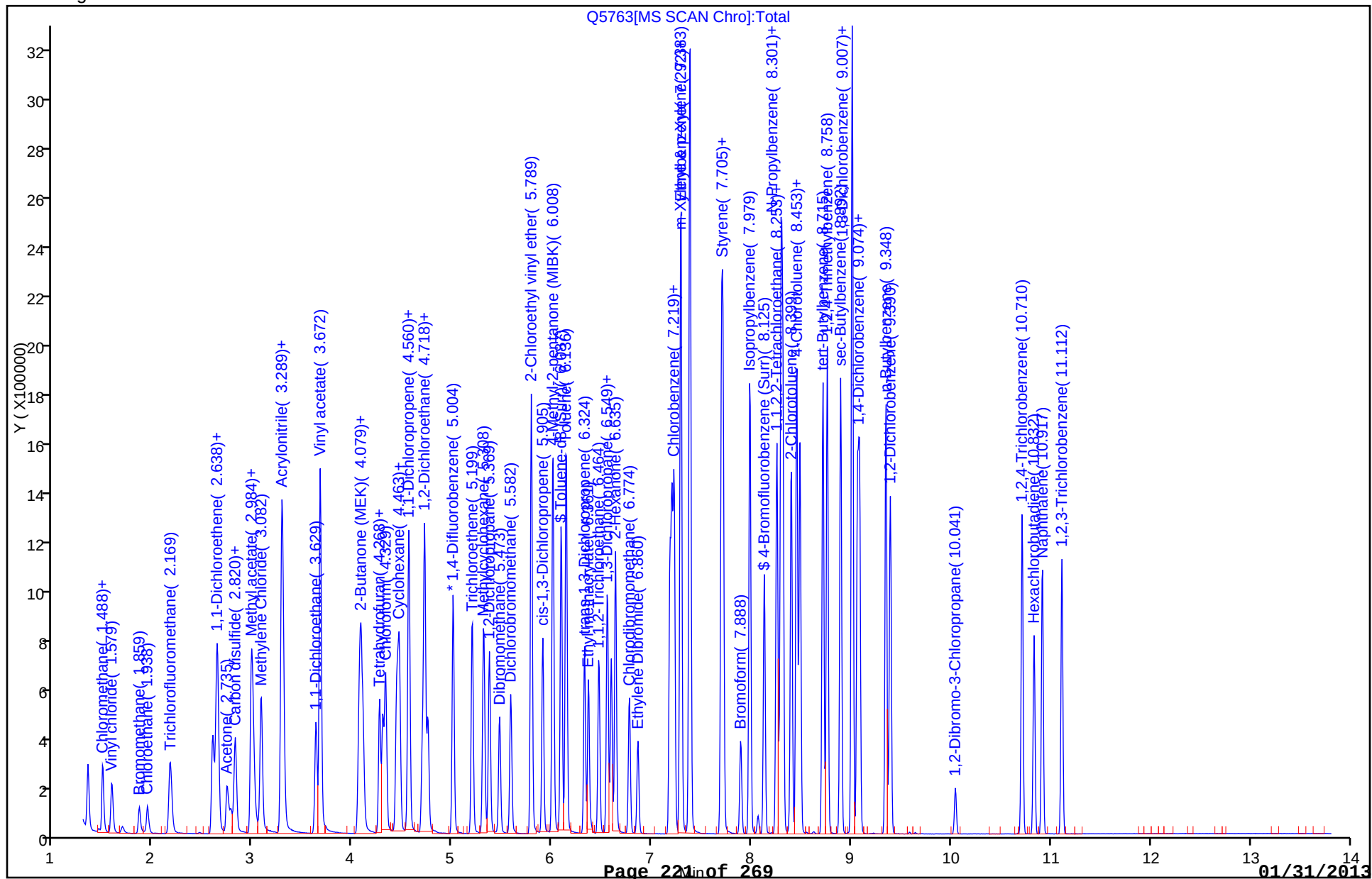
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.004	5.004	0.0	93	663680	25.0	
* 2 Chlorobenzene-d5	82	7.200	7.200	0.0	84	326464	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.062	9.062	0.0	73	330866	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.694	4.694	0.0	96	92601	20.1	
\$ 5 Toluene-d8 (Surr)	98	6.087	6.087	0.0	83	720864	21.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.125	8.125	0.0	92	268932	22.3	
10 Dichlorodifluoromethane	85	1.342	1.342	0.0	97	217709	24.8	
12 Chloromethane	50	1.488	1.488	0.0	89	252115	26.0	
13 Vinyl chloride	62	1.579	1.579	0.0	98	206198	20.7	
14 Bromomethane	94	1.859	1.859	0.0	89	58377	20.2	
15 Chloroethane	64	1.938	1.938	0.0	97	82012	36.2	
17 Trichlorofluoromethane	101	2.169	2.169	0.0	83	301034	25.5	
20 Acrolein	56	2.595	2.595	0.0	95	381101	537.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.632	2.632	0.0	81	165830	22.7	
22 1,1-Dichloroethene	96	2.644	2.644	0.0	90	199043	26.3	
23 Acetone	43	2.741	2.741	0.0	100	238888	92.3	
25 Iodomethane	142	2.778	2.778	0.0	99	105319	15.4	
26 Carbon disulfide	76	2.820	2.820	0.0	99	545813	23.0	
29 Acetonitrile	40	2.984	2.984	0.0	98	468686	833.9	
27 Methyl acetate	43	3.003	3.003	0.0	95	173539	22.2	
30 Methylene Chloride	84	3.082	3.082	0.0	87	237074	25.8	
32 Methyl tert-butyl ether	73	3.283	3.283	0.0	89	572039	22.1	
34 trans-1,2-Dichloroethene	96	3.289	3.289	0.0	73	228206	25.9	
33 Acrylonitrile	53	3.301	3.301	0.0	99	341692	113.0	
39 1,1-Dichloroethane	63	3.629	3.629	0.0	85	402675	26.2	
37 Vinyl acetate	43	3.672	3.672	0.0	97	1875960	113.8	
44 2,2-Dichloropropane	77	4.061	4.061	0.0	90	314301	24.8	
45 cis-1,2-Dichloroethene	96	4.079	4.079	0.0	69	255402	25.8	
43 2-Butanone (MEK)	43	4.104	4.104	0.0	95	391398	98.5	
48 Chlorobromomethane	128	4.268	4.268	0.0	92	133456	25.5	
49 Tetrahydrofuran	42	4.298	4.298	0.0	91	262926	100.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
50 Chloroform	83	4.329	4.329	0.0	83	387350	26.2	
51 1,1,1-Trichloroethane	97	4.438	4.438	0.0	92	341843	25.5	
52 Cyclohexane	56	4.463	4.463	0.0	90	311926	22.5	
55 Carbon tetrachloride	117	4.560	4.560	0.0	85	307186	26.1	
54 1,1-Dichloropropene	75	4.560	4.560	0.0	95	296238	25.5	
57 Benzene	78	4.718	4.718	0.0	96	895716	25.9	
58 1,2-Dichloroethane	62	4.755	4.755	0.0	89	296250	25.6	
62 Trichloroethene	95	5.193	5.193	0.0	94	231254	25.7	
64 Methylcyclohexane	83	5.314	5.314	0.0	88	302444	21.4	
65 1,2-Dichloropropane	63	5.369	5.369	0.0	94	230403	25.5	
67 Dibromomethane	93	5.473	5.473	0.0	87	140191	24.5	
68 Dichlorobromomethane	83	5.582	5.582	0.0	99	304167	26.2	
69 2-Chloroethyl vinyl ether	63	5.789	5.789	0.0	91	612638	103.7	
72 cis-1,3-Dichloropropene	75	5.905	5.905	0.0	92	373863	24.7	
73 4-Methyl-2-pentanone (MIBK)	43	6.008	6.008	0.0	96	863298	95.5	
74 Toluene	92	6.142	6.142	0.0	98	575918	23.2	
77 trans-1,3-Dichloropropene	75	6.324	6.324	0.0	88	332134	21.8	
75 Ethyl methacrylate	69	6.361	6.361	0.0	88	258115	19.8	
79 1,1,2-Trichloroethane	83	6.464	6.464	0.0	86	159358	21.9	
81 Tetrachloroethene	166	6.555	6.555	0.0	92	256420	22.4	
82 1,3-Dichloropropane	76	6.592	6.592	0.0	85	346940	22.4	
80 2-Hexanone	43	6.635	6.635	0.0	96	590490	91.2	
83 Chlorodibromomethane	129	6.774	6.774	0.0	89	262652	24.2	
84 Ethylene Dibromide	107	6.860	6.860	0.0	98	216168	22.1	
87 Chlorobenzene	112	7.225	7.225	0.0	95	674943	23.6	
89 1,1,1,2-Tetrachloroethane	131	7.285	7.285	0.0	90	241833	23.3	
88 Ethylbenzene	91	7.292	7.292	0.0	98	1065764	23.5	
90 m-Xylene & p-Xylene	106	7.383	7.383	0.0	97	871015	45.9	
91 o-Xylene	106	7.699	7.699	0.0	93	442694	23.3	
92 Styrene	104	7.711	7.711	0.0	95	739622	23.0	
95 Bromoform	173	7.888	7.888	0.0	96	160674	22.5	
94 Isopropylbenzene	105	7.979	7.979	0.0	95	1124660	25.3	
101 Bromobenzene	156	8.253	8.253	0.0	92	293385	24.4	
97 1,1,2,2-Tetrachloroethane	83	8.259	8.259	0.0	86	240066	22.2	
100 1,2,3-Trichloropropane	110	8.289	8.289	0.0	74	76632	22.1	
98 trans-1,4-Dichloro-2-butene	53	8.295	8.295	0.0	91	297829	104.2	
99 N-Propylbenzene	91	8.314	8.314	0.0	98	1267604	25.0	
103 2-Chlorotoluene	126	8.399	8.399	0.0	97	280195	25.5	
102 1,3,5-Trimethylbenzene	105	8.453	8.453	0.0	80	924809	25.4	
105 4-Chlorotoluene	126	8.484	8.484	0.0	94	292037	25.5	
106 tert-Butylbenzene	134	8.715	8.715	0.0	90	210087	24.9	
107 1,2,4-Trimethylbenzene	105	8.758	8.758	0.0	96	942330	25.4	
109 sec-Butylbenzene	105	8.892	8.892	0.0	93	1154079	25.3	
110 4-Isopropyltoluene	119	9.007	9.007	0.0	97	970879	25.0	
111 1,3-Dichlorobenzene	146	9.007	9.007	0.0	72	532689	24.6	
113 1,4-Dichlorobenzene	146	9.080	9.080	0.0	95	548970	24.7	
115 n-Butylbenzene	91	9.348	9.348	0.0	94	842215	25.4	
116 1,2-Dichlorobenzene	146	9.390	9.390	0.0	97	522736	25.0	
117 1,2-Dibromo-3-Chloropropane	75	10.041	10.041	0.0	82	39965	21.3	
119 1,2,4-Trichlorobenzene	180	10.710	10.710	0.0	91	363862	25.6	
120 Hexachlorobutadiene	225	10.832	10.832	0.0	94	138073	25.0	
121 Naphthalene	128	10.917	10.917	0.0	97	764280	26.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
122 1,2,3-Trichlorobenzene	180	11.112	11.112	0.0	95	307836	27.8	
S 125 1,2-Dichloroethene, Total	1				0		51.7	
S 126 1,3-Dichloropropene, Total	1				0		46.6	
S 123 Total BTEX	1				0		141.8	
S 124 Xylenes, Total	1				0		69.2	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5763.D
Injection Date: 24-Jan-2013 11:29:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 100891 Lims Sample ID: 2
Operator ID: jmb Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm
Y Scaling:



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3884.D
Lims ID: BFB Client ID:
Inject. Date: 09-Nov-2012 15:32:30 Dil. Factor: 1.0000
Sample Type: BFB
Sample ID: BFB
Misc. Info.: 480-0016505-001
Operator: TRB Instrument ID: HP5973Q
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 89987 Lims Sample ID: 1
Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q-8260.m
Last Update: 09-Nov-2012 15:41:12 Calib Date: 05-Nov-2012 16:47:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121105-16358.b\Q3783.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: ZB-624 Column Dia: 0.25 mm
Process Host: XAWRK004

First Level Reviewer: BrandtT

Date: 09-Nov-2012 15:41:12

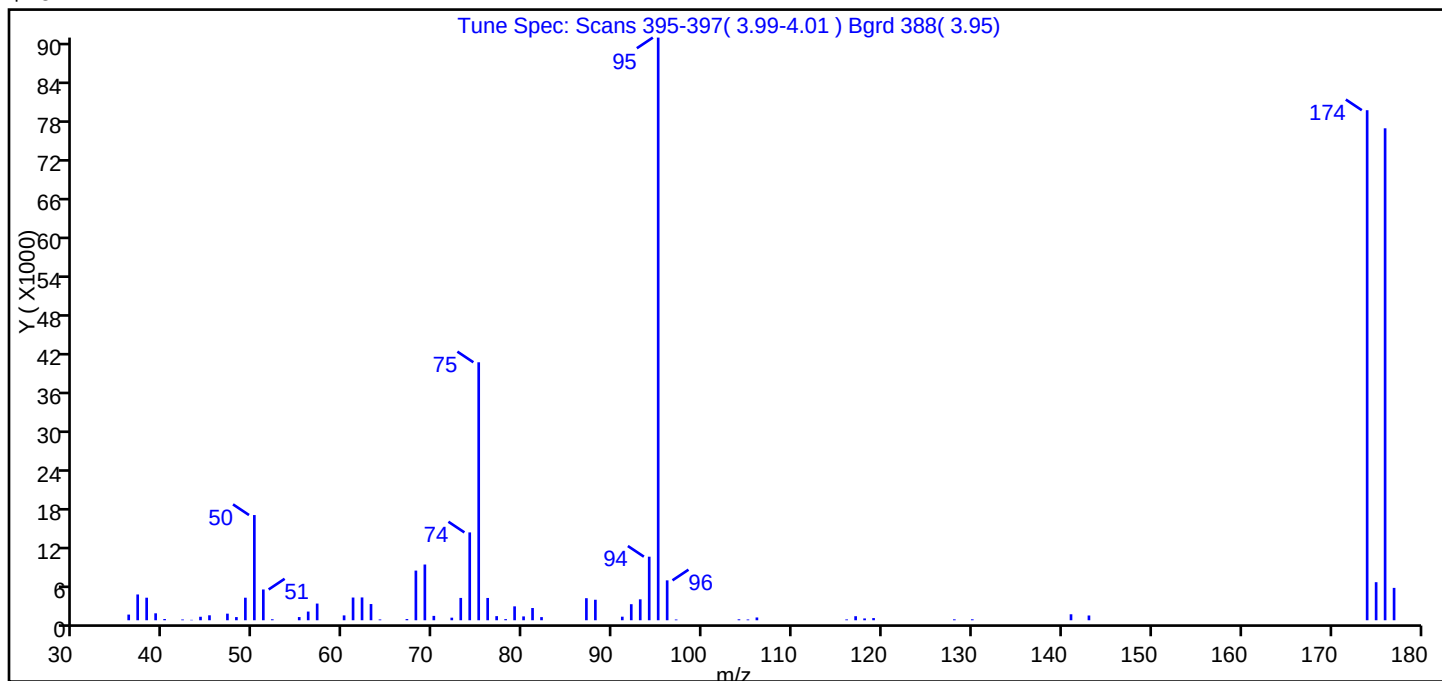
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags

\$ 61 BFB	95	3.999	3.999	0.0	0	197580	0	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3884.D
Injection Date: 09-Nov-2012 15:32:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 89987 Lims Sample ID: 1
Operator ID: TRB Purge Vol: 5.000 mL
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	18.06
75	30.00 - 60.00% of mass 95	44.27
96	5.00 - 9.00% of mass 95	6.85
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	87.54
175	5.00 - 9.00% of mass 174	6.53 (7.47)
176	95.00 - 101.00% of mass 174	84.43 (96.45)
177	5.00 - 9.00% of mass 176	5.56 (6.58)

Data File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3884.D\Q-8260.rslt\spectra.d
Injection Date: 09-Nov-2012 15:32:30
Spectrum: Tune Spec: Scans 395-397(3.99-4.01) Bgrd 388(3.95)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 62

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	886	56.00	1357	77.00	643	105.00	124
37.00	4027	57.00	2606	78.00	175	106.00	435
38.00	3521	60.00	758	79.00	2172	116.00	131
39.00	1084	61.00	3547	80.00	601	117.00	632
40.00	193	62.00	3562	81.00	1910	118.00	285
42.00	121	63.00	2533	82.00	493	119.00	341
43.00	64	64.00	126	87.00	3445	128.00	142
44.00	545	67.00	185	88.00	3201	130.00	147
45.00	773	68.00	7753	91.00	557	141.00	935
47.00	1031	69.00	8701	92.00	2506	143.00	744
48.00	496	70.00	683	93.00	3267	174.00	79624
49.00	3520	72.00	403	94.00	9925	175.00	5944
50.00	16424	73.00	3486	95.00	90960	176.00	76800
51.00	4806	74.00	13715	96.00	6231	177.00	5054
52.00	152	75.00	40272	97.00	118		
55.00	499	76.00	3481	104.00	149		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5710.D
Lims ID: BFB Client ID:
Inject. Date: 23-Jan-2013 09:47:30 Dil. Factor: 1.0000
Sample Type: BFB
Sample ID: BFB
Misc. Info.: 480-0018476-002
Operator: jmb Instrument ID: HP5973Q
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 100709 Lims Sample ID: 2
Detector: MS SCAN

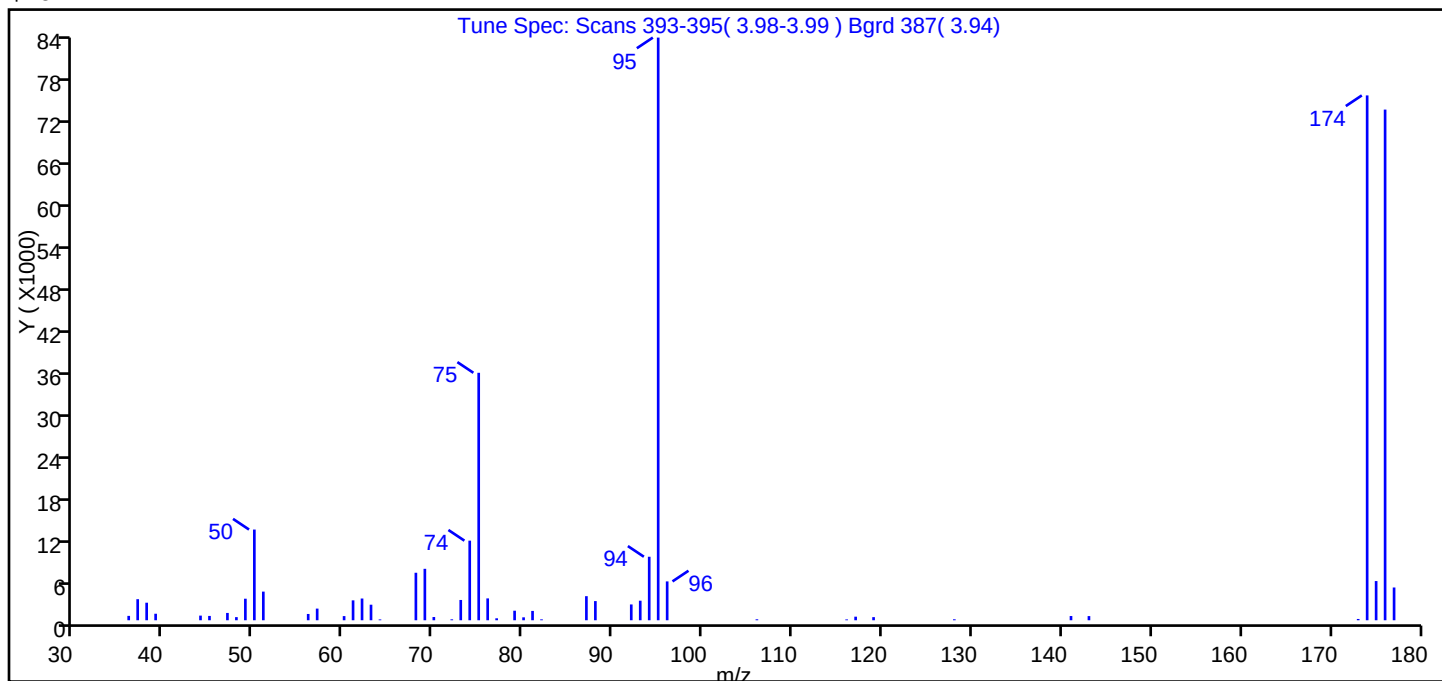
Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q-8260.m
Last Update: 23-Jan-2013 09:56:56 Calib Date: 09-Nov-2012 18:41:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: RT Order ID
Column Type: ZB-624 Column Dia: 0.25 mm
Process Host: XAWRK029

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
\$ 61 BFB	95	3.987	3.987	0.0	0	167955	0	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5710.D
Injection Date: 23-Jan-2013 09:47:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 100709 Lims Sample ID: 2
Operator ID: jmb Purge Vol: 5.000 mL
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	15.57
75	30.00 - 60.00% of mass 95	42.47
96	5.00 - 9.00% of mass 95	6.67
173	Less than 2.00% of mass 174	0.22 (0.24)
174	Greater than 50.00% of mass 95	90.08
175	5.00 - 9.00% of mass 174	6.73 (7.47)
176	95.00 - 101.00% of mass 174	87.64 (97.30)
177	5.00 - 9.00% of mass 176	5.62 (6.42)

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5710.D\Q-8260.rslt\spectra.d
Injection Date: 23-Jan-2013 09:47:30
Spectrum: Tune Spec: Scans 393-395(3.98-3.99) Bgrd 387(3.94)
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	629	60.00	598	77.00	281	116.00	120
37.00	3032	61.00	2864	79.00	1374	117.00	515
38.00	2524	62.00	3128	80.00	421	119.00	449
39.00	937	63.00	2238	81.00	1343	128.00	138
44.00	668	64.00	119	82.00	129	141.00	609
45.00	622	68.00	6835	87.00	3466	143.00	599
47.00	1052	69.00	7402	88.00	2757	173.00	185
48.00	451	70.00	465	92.00	2275	174.00	75520
49.00	3100	72.00	131	93.00	2813	175.00	5640
50.00	13052	73.00	2919	94.00	9138	176.00	73480
51.00	4122	74.00	11454	95.00	83840	177.00	4714
56.00	905	75.00	35608	96.00	5590		
57.00	1676	76.00	3145	106.00	137		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5738.D
Lims ID: BFB Client ID:
Inject. Date: 23-Jan-2013 23:44:30 Dil. Factor: 1.0000
Sample Type: BFB
Sample ID: BFB
Misc. Info.: 480-0018502-001
Operator: CDC Instrument ID: HP5973Q
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 100819 Lims Sample ID: 1
Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q-8260.m
Last Update: 24-Jan-2013 00:00:29 Calib Date: 09-Nov-2012 18:41:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: ZB-624 Column Dia: 0.25 mm
Process Host: XAWRK019

First Level Reviewer: cwiklinc

Date: 24-Jan-2013 00:00:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags

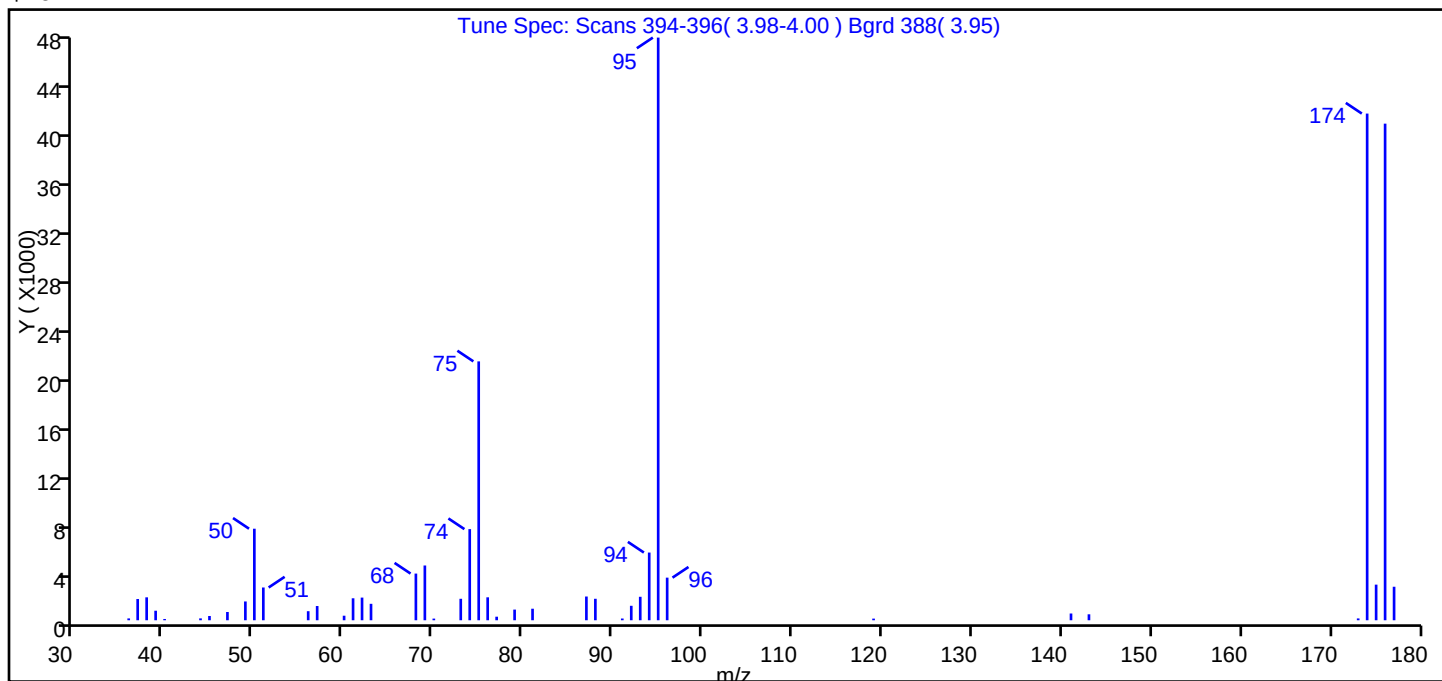
\$ 61 BFB

95 3.991 3.991 0.0 0 99130 0

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5738.D
Injection Date: 23-Jan-2013 23:44:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 100819 Lims Sample ID: 1
Operator ID: CDC Purge Vol: 5.000 mL
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	15.71
75	30.00 - 60.00% of mass 95	44.43
96	5.00 - 9.00% of mass 95	7.31
173	Less than 2.00% of mass 174	0.31 (0.36)
174	Greater than 50.00% of mass 95	86.96
175	5.00 - 9.00% of mass 174	6.11 (7.03)
176	95.00 - 101.00% of mass 174	85.23 (98.01)
177	5.00 - 9.00% of mass 176	5.75 (6.75)

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5738.D\Q-8260.rslt\spectra.d
Injection Date: 23-Jan-2013 23:44:30
Spectrum: Tune Spec: Scans 394-396(3.98-4.00) Bgrd 388(3.95)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 43

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	149	56.00	733	75.00	20960	95.00	47176
37.00	1719	57.00	1153	76.00	1857	96.00	3450
38.00	1856	60.00	368	77.00	288	119.00	133
39.00	772	61.00	1779	79.00	864	141.00	547
40.00	103	62.00	1835	81.00	934	143.00	482
44.00	152	63.00	1331	87.00	1922	173.00	148
45.00	345	68.00	3779	88.00	1739	174.00	41024
47.00	668	69.00	4434	91.00	141	175.00	2884
49.00	1522	70.00	134	92.00	1171	176.00	40208
50.00	7412	73.00	1738	93.00	1900	177.00	2713
51.00	2653	74.00	7379	94.00	5482		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5762.D
Lims ID: BFB Client ID:
Inject. Date: 24-Jan-2013 10:41:30 Dil. Factor: 1.0000
Sample Type: BFB
Sample ID: BFB
Misc. Info.: 480-0018521-001
Operator: jmb Instrument ID: HP5973Q
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 100891 Lims Sample ID: 1
Detector: MS SCAN

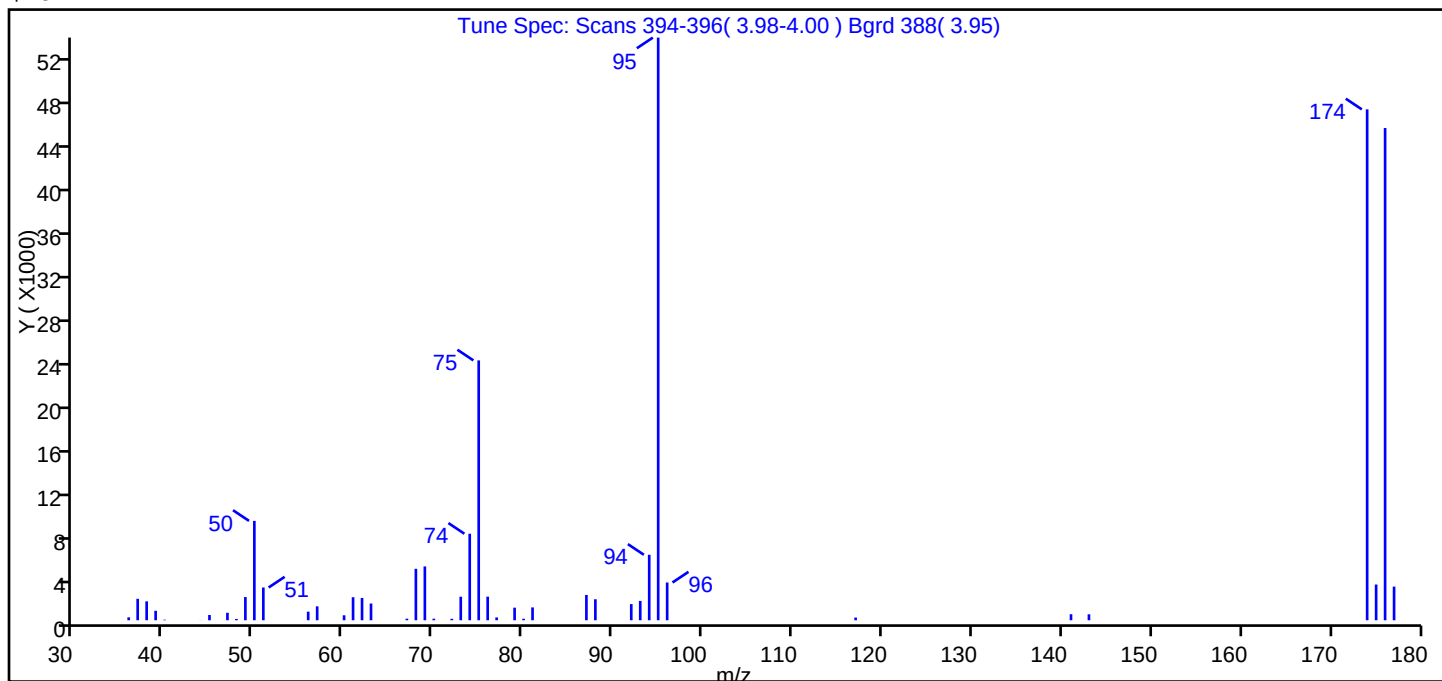
Method: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q-8260.m
Last Update: 24-Jan-2013 10:54:21 Calib Date: 09-Nov-2012 18:41:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: RT Order ID
Column Type: ZB-624 Column Dia: 0.25 mm
Process Host: XAWRK003

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
\$ 61 BFB	95	3.990	3.990	0.0	0	110666	0	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5762.D
Injection Date: 24-Jan-2013 10:41:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 100891 Lims Sample ID: 1
Operator ID: jmb Purge Vol: 5.000 mL
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	17.05
75	30.00 - 60.00% of mass 95	44.60
96	5.00 - 9.00% of mass 95	6.48
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	87.68
175	5.00 - 9.00% of mass 174	6.13 (7.00)
176	95.00 - 101.00% of mass 174	84.48 (96.35)
177	5.00 - 9.00% of mass 176	5.77 (6.84)

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5762.D\Q-8260.rslt\spectra.d
Injection Date: 24-Jan-2013 10:41:30
Spectrum: Tune Spec: Scans 394-396(3.98-4.00) Bgrd 388(3.95)
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	269	56.00	792	74.00	7974	95.00	53704
37.00	1976	57.00	1283	75.00	23952	96.00	3480
38.00	1744	60.00	457	76.00	2177	117.00	250
39.00	872	61.00	2123	77.00	263	141.00	555
40.00	53	62.00	2057	79.00	1160	143.00	548
44.00	7	63.00	1544	80.00	138	174.00	47088
45.00	484	67.00	144	81.00	1184	175.00	3294
47.00	689	68.00	4741	87.00	2330	176.00	45368
48.00	121	69.00	4960	88.00	1935	177.00	3101
49.00	2139	70.00	146	92.00	1491		
50.00	9159	72.00	133	93.00	1782		
51.00	3019	73.00	2170	94.00	6035		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 480-100709/5

Matrix: Water Lab File ID: Q5713.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 12:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100709 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-100709/5
 Matrix: Water Lab File ID: Q5713.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 12:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100709 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)	74		66-137
460-00-4	4-Bromofluorobenzene (Surr)	91		73-120
2037-26-5	Toluene-d8 (Surr)	86		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5713.D
 Lims ID: MB Client ID:
 Inject. Date: 23-Jan-2013 12:29:30 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: MB
 Misc. Info.: 480-0018476-005
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 3
 Lims Batch ID: 100709 Lims Sample ID: 5
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q-8260.m
 Last Update: 23-Jan-2013 12:53:00 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK029

First Level Reviewer: ByrnesJ

Date: 23-Jan-2013 12:49:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.013	5.013	0.001	93	821544	25.0	
* 2 Chlorobenzene-d5	82	7.203	7.203	0.0	82	383586	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.064	9.064	0.0	93	398917	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.703	4.702	0.001	89	106243	18.6	
\$ 5 Toluene-d8 (Surr)	98	6.096	6.095	0.001	92	864206	21.4	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.134	8.133	0.001	96	322699	22.7	
10 Dichlorodifluoromethane	85		1.361					
12 Chloromethane	50		1.507					9
13 Vinyl chloride	62		1.604					
11 Chlorodifluoromethane	51		1.687					
14 Bromomethane	94		1.878					9
15 Chloroethane	64		1.957					
17 Trichlorofluoromethane	101		2.182					
16 Dichlorofluoromethane	67		2.431					
18 Ethyl ether	59		2.461					
20 Acrolein	56		2.608					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96		2.664					
19 Propene oxide	58		2.741					
23 Acetone	43		2.754					
25 Iodomethane	142		2.797					
26 Carbon disulfide	76		2.833					
24 Isopropyl alcohol	45		2.925					
29 Acetonitrile	40		2.997					
27 Methyl acetate	43		3.009					
28 3-Chloro-1-propene	41		3.053					
30 Methylene Chloride	84		3.095					
31 2-Methyl-2-propanol	59		3.283					
32 Methyl tert-butyl ether	73		3.291					
34 trans-1,2-Dichloroethene	96		3.303					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
33 Acrylonitrile	53		3.314					
35 Hexane	57		3.477					
36 Isopropyl ether	45		3.571					
40 2-Chloro-1,3-butadiene	53		3.638					
39 1,1-Dichloroethane	63		3.644					
37 Vinyl acetate	43		3.679					
38 1,1-Dimethoxyethane	75		3.721					
41 Tert-butyl ethyl ether	59		3.802					
46 Propionitrile	54		4.016					
44 2,2-Dichloropropane	77		4.068					
45 cis-1,2-Dichloroethene	96		4.094					
42 Ethyl acetate	43		4.104					
43 2-Butanone (MEK)	43		4.104					
47 Methacrylonitrile	41		4.107					
48 Chlorobromomethane	128		4.275					
49 Tetrahydrofuran	42		4.305					
50 Chloroform	83		4.336					9
51 1,1,1-Trichloroethane	97		4.445					
53 Isobutyl alcohol	43		4.463					
52 Cyclohexane	56		4.469					
56 Tert-amyl methyl ether	73		4.546					
55 Carbon tetrachloride	117		4.567					
54 1,1-Dichloropropene	75		4.567					
59 n-Heptane	43		4.619					
57 Benzene	78		4.727					9
58 1,2-Dichloroethane	62		4.757					
60 n-Butanol	56		4.822					9
66 1,4-Dioxane	88		5.004					9
62 Trichloroethene	95		5.201					
63 Methyl methacrylate	41		5.308					
64 Methylcyclohexane	83		5.315					
65 1,2-Dichloropropane	63		5.376					
70 2-Nitropropane	43		5.430					
67 Dibromomethane	93		5.473					
71 Epichlorohydrin	57		5.534					
68 Dichlorobromomethane	83		5.589					
69 2-Chloroethyl vinyl ether	63		5.796					
72 cis-1,3-Dichloropropene	75		5.905					
76 2-Methylthiophene	97		5.918					
78 3-Methylthiophene	97		5.934					
73 4-Methyl-2-pentanone (MIBK)	43		6.009					9
74 Toluene	92		6.144					9
77 trans-1,3-Dichloropropene	75		6.325					
75 Ethyl methacrylate	69		6.368					
79 1,1,2-Trichloroethane	83		6.471					
81 Tetrachloroethene	166		6.558					9
82 1,3-Dichloropropane	76		6.593					
80 2-Hexanone	43		6.635					
83 Chlorodibromomethane	129		6.775					
85 3-Chlorobenzotrifluoride	180		6.796					
86 4-Chlorobenzotrifluoride	180		6.838					
84 Ethylene Dibromide	107		6.860					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
87 Chlorobenzene	112		7.227				9	
89 1,1,1,2-Tetrachloroethane	131		7.292					
88 Ethylbenzene	91		7.294				9	
90 m-Xylene & p-Xylene	106		7.385					
93 2-Chlorobenzotrifluoride	180		7.527					
91 o-Xylene	106		7.701				9	
92 Styrene	104		7.718				9	
96 Cyclohexanone	55		7.735					
95 Bromoform	173		7.894					
94 Isopropylbenzene	105		7.986				9	
104 3-Chlorotoluene	126		8.082					
101 Bromobenzene	156		8.253					
97 1,1,2,2-Tetrachloroethane	83		8.259					
108 Pentachloroethane	167		8.265					
100 1,2,3-Trichloropropane	110		8.290					
98 trans-1,4-Dichloro-2-butene	53		8.296					
99 N-Propylbenzene	91		8.314					
103 2-Chlorotoluene	126		8.399				9	
102 1,3,5-Trimethylbenzene	105		8.454				9	
105 4-Chlorotoluene	126		8.485				9	
114 Dicyclopentadiene	66		8.715					
106 tert-Butylbenzene	134		8.716					
107 1,2,4-Trimethylbenzene	105		8.760				9	
109 sec-Butylbenzene	105		8.892				9	
112 1,2,3-Trimethylbenzene	105		9.007				9	
111 1,3-Dichlorobenzene	146		9.008				9	
110 4-Isopropyltoluene	119		9.014				9	
113 1,4-Dichlorobenzene	146		9.087				9	
115 n-Butylbenzene	91		9.348				9	
116 1,2-Dichlorobenzene	146		9.393				9	
118 1,3,5-Trichlorobenzene	180		9.850					
117 1,2-Dibromo-3-Chloropropane	75		10.048					
119 1,2,4-Trichlorobenzene	180		10.717				9	
120 Hexachlorobutadiene	225		10.833				9	
121 Naphthalene	128		10.918				9	
122 1,2,3-Trichlorobenzene	180		11.113				9	
S 125 1,2-Dichloroethene, Total	1		30.000				7	
S 126 1,3-Dichloropropene, Total	1		30.000				7	
S 123 Total BTEX	1		30.000				7	
S 124 Xylenes, Total	1		30.000				7	
T 9 bis(2-chloromethyl)ether TIC	1		0.000				1	
T 8 t-Amyl alcohol	59		0.000				1	
T 127 Ethanol TIC	45		0.000				1	
T 128 Hexachloroethane TIC	1		0.000				1	
T 7 Ethylene oxide	44		1.872					

QC Flag Legend

Processing Flags

1 - Missing Peaks

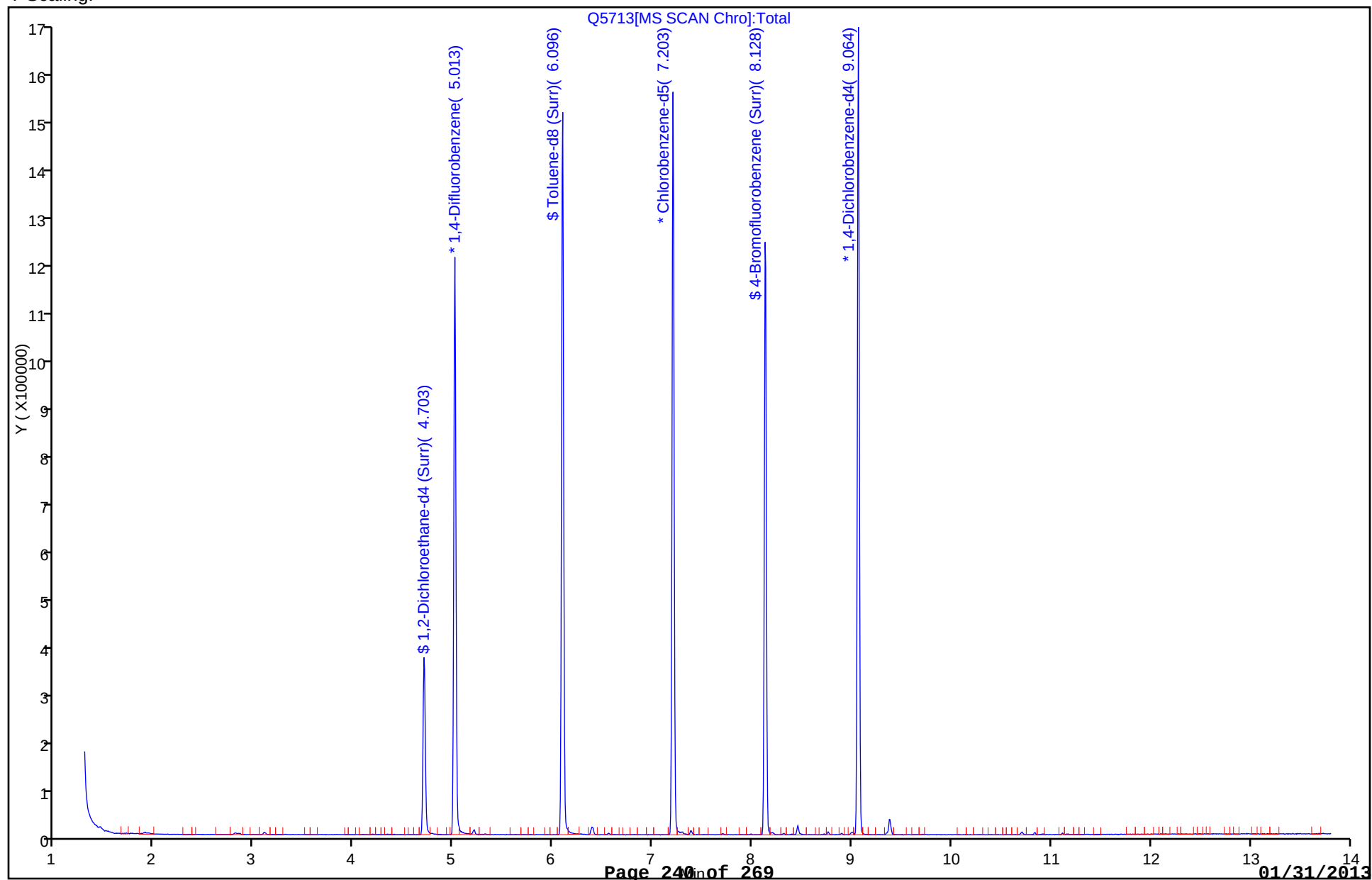
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5713.D
Injection Date: 23-Jan-2013 12:29:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 100709 Lims Sample ID: 5
Operator ID: jmb Purge Vol: 5.000 mL
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.: 480-31886-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 480-100819/4

Matrix: Water Lab File ID: Q5741.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 01:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100819 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-100819/4
 Matrix: Water Lab File ID: Q5741.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 01:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100819 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)	82		66-137
460-00-4	4-Bromofluorobenzene (Surr)	88		73-120
2037-26-5	Toluene-d8 (Surr)	89		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5741.D
 Lims ID: MB Client ID:
 Inject. Date: 24-Jan-2013 01:09:30 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: MB
 Misc. Info.: 480-0018502-004
 Operator: CDC Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 3
 Lims Batch ID: 100819 Lims Sample ID: 4
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q-8260.m
 Last Update: 24-Jan-2013 01:26:36 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK019

First Level Reviewer: cwiklinc

Date: 24-Jan-2013 01:26:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.014	5.014	0.0	93	762935	25.0	
* 2 Chlorobenzene-d5	82	7.204	7.198	0.006	82	359010	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.059	9.059	0.0	94	353234	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.703	4.704	-0.001	89	108442	20.5	
\$ 5 Toluene-d8 (Surr)	98	6.090	6.091	-0.001	92	835729	22.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.128	8.129	-0.001	93	292220	22.0	
10 Dichlorodifluoromethane	85		1.362					
12 Chloromethane	50		1.508					9
13 Vinyl chloride	62		1.599					
11 Chlorodifluoromethane	51		1.687					
14 Bromomethane	94		1.873					9
15 Chloroethane	64		1.958					
17 Trichlorofluoromethane	101		2.190					
16 Dichlorofluoromethane	67		2.431					
18 Ethyl ether	59		2.461					
20 Acrolein	56		2.603					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.652					
22 1,1-Dichloroethene	96		2.659					
19 Propene oxide	58		2.741					
23 Acetone	43		2.749					
25 Iodomethane	142		2.792					9
26 Carbon disulfide	76		2.834					
24 Isopropyl alcohol	45		2.925					
29 Acetonitrile	40		2.993					
27 Methyl acetate	43		3.011					
28 3-Chloro-1-propene	41		3.053					
30 Methylene Chloride	84		3.090					
31 2-Methyl-2-propanol	59		3.283					
32 Methyl tert-butyl ether	73		3.292					
34 trans-1,2-Dichloroethene	96		3.298					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
33 Acrylonitrile	53		3.309					
35 Hexane	57		3.477					
36 Isopropyl ether	45		3.571					
40 2-Chloro-1,3-butadiene	53		3.638					
39 1,1-Dichloroethane	63		3.639					
37 Vinyl acetate	43		3.680					
38 1,1-Dimethoxyethane	75		3.721					
41 Tert-butyl ethyl ether	59		3.802					
46 Propionitrile	54		4.016					
44 2,2-Dichloropropane	77		4.069					
45 cis-1,2-Dichloroethene	96		4.089					
42 Ethyl acetate	43		4.104					
43 2-Butanone (MEK)	43		4.106					
47 Methacrylonitrile	41		4.107					
48 Chlorobromomethane	128		4.276					
49 Tetrahydrofuran	42		4.307					
50 Chloroform	83		4.337					9
51 1,1,1-Trichloroethane	97		4.447					
53 Isobutyl alcohol	43		4.463					
52 Cyclohexane	56		4.471					
56 Tert-amyl methyl ether	73		4.546					
55 Carbon tetrachloride	117		4.568					
54 1,1-Dichloropropene	75		4.568					
59 n-Heptane	43		4.619					
57 Benzene	78		4.728					9
58 1,2-Dichloroethane	62		4.758					9
60 n-Butanol	56		4.822					9
66 1,4-Dioxane	88		5.004					9
62 Trichloroethene	95		5.202					
63 Methyl methacrylate	41		5.308					
64 Methylcyclohexane	83		5.316					
65 1,2-Dichloropropane	63		5.371					
70 2-Nitropropane	43		5.430					
67 Dibromomethane	93		5.475					
71 Epichlorohydrin	57		5.534					
68 Dichlorobromomethane	83		5.590					
69 2-Chloroethyl vinyl ether	63		5.791					
72 cis-1,3-Dichloropropene	75		5.907					
76 2-Methylthiophene	97		5.918					
78 3-Methylthiophene	97		5.934					
73 4-Methyl-2-pentanone (MIBK)	43		6.010					9
74 Toluene	92		6.139					
77 trans-1,3-Dichloropropene	75		6.326					
75 Ethyl methacrylate	69		6.363					
79 1,1,2-Trichloroethane	83		6.472					
81 Tetrachloroethene	166		6.559					
82 1,3-Dichloropropane	76		6.594					
80 2-Hexanone	43		6.637					
83 Chlorodibromomethane	129		6.777					
85 3-Chlorobenzotrifluoride	180		6.796					
86 4-Chlorobenzotrifluoride	180		6.838					
84 Ethylene Dibromide	107		6.862					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
87 Chlorobenzene	112		7.222					9
89 1,1,1,2-Tetrachloroethane	131		7.288					
88 Ethylbenzene	91		7.289					
90 m-Xylene & p-Xylene	106		7.380					
93 2-Chlorobenzotrifluoride	180		7.527					
91 o-Xylene	106		7.697					9
92 Styrene	104		7.713					9
96 Cyclohexanone	55		7.735					
95 Bromoform	173		7.890					
94 Isopropylbenzene	105		7.981					9
104 3-Chlorotoluene	126		8.082					
101 Bromobenzene	156		8.255					
97 1,1,2,2-Tetrachloroethane	83		8.261					
108 Pentachloroethane	167		8.265					
100 1,2,3-Trichloropropane	110		8.291					
98 trans-1,4-Dichloro-2-butene	53		8.297					
99 N-Propylbenzene	91		8.316					9
103 2-Chlorotoluene	126		8.401					9
102 1,3,5-Trimethylbenzene	105		8.449					9
105 4-Chlorotoluene	126		8.486					9
114 Dicyclopentadiene	66		8.715					
106 tert-Butylbenzene	134		8.717					
107 1,2,4-Trimethylbenzene	105		8.761					
109 sec-Butylbenzene	105		8.894					9
112 1,2,3-Trimethylbenzene	105		9.007					9
111 1,3-Dichlorobenzene	146		9.009					9
110 4-Isopropyltoluene	119		9.009					9
113 1,4-Dichlorobenzene	146		9.082					9
115 n-Butylbenzene	91		9.350					9
116 1,2-Dichlorobenzene	146		9.394					
118 1,3,5-Trichlorobenzene	180		9.850					
117 1,2-Dibromo-3-Chloropropane	75		10.043					
119 1,2,4-Trichlorobenzene	180		10.713					9
120 Hexachlorobutadiene	225		10.834					9
121 Naphthalene	128		10.919					9
122 1,2,3-Trichlorobenzene	180		11.114					9
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	1		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	44		1.872					

QC Flag Legend

Processing Flags

1 - Missing Peaks

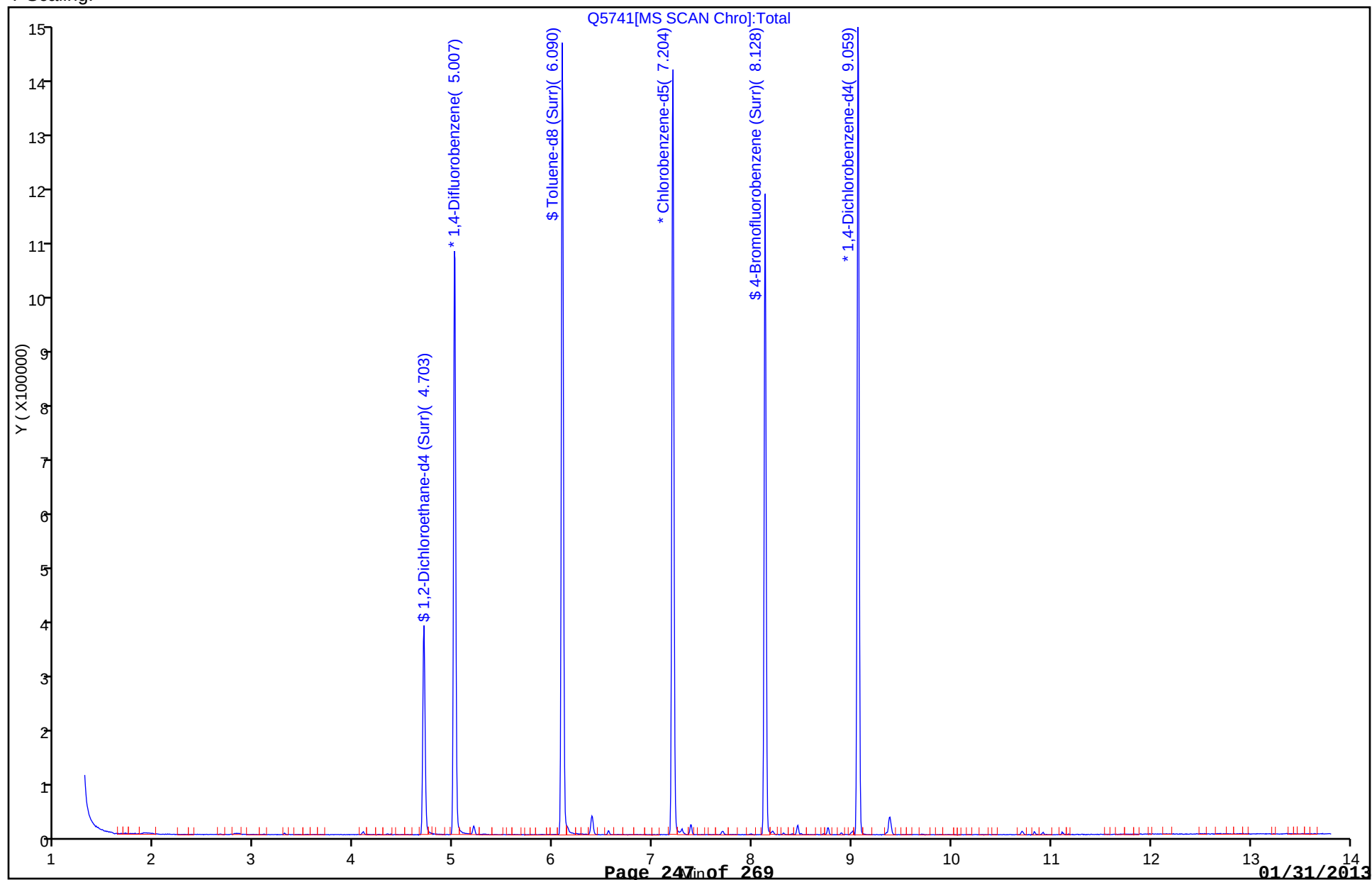
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5741.D
Injection Date: 24-Jan-2013 01:09:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 100819 Lims Sample ID: 4
Operator ID: CDC Purge Vol: 5.000 mL
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.: 480-31886-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 480-100891/4

Matrix: Water Lab File ID: Q5765.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 12:30

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 100891 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-100891/4
 Matrix: Water Lab File ID: Q5765.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 12:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100891 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)	80		66-137
460-00-4	4-Bromofluorobenzene (Surr)	87		73-120
2037-26-5	Toluene-d8 (Surr)	85		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5765.D
 Lims ID: MB Client ID:
 Inject. Date: 24-Jan-2013 12:30:30 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: MB
 Misc. Info.: 480-0018521-004
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 3
 Lims Batch ID: 100891 Lims Sample ID: 4
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q-8260.m
 Last Update: 24-Jan-2013 12:55:51 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK003

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.006	5.007	-0.001	94	673725	25.0	
* 2 Chlorobenzene-d5	82	7.202	7.203	-0.001	82	325986	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.064	9.064	0.0	93	329841	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.702	4.697	0.005	89	93100	19.9	
\$ 5 Toluene-d8 (Surr)	98	6.089	6.090	-0.001	83	731232	21.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.127	8.128	-0.001	92	262271	21.7	
10 Dichlorodifluoromethane	85		1.342					
12 Chloromethane	50		1.488					9
13 Vinyl chloride	62		1.579					
11 Chlorodifluoromethane	51		1.687					
14 Bromomethane	94		1.859					9
15 Chloroethane	64		1.938					
17 Trichlorofluoromethane	101		2.169					
16 Dichlorofluoromethane	67		2.431					
18 Ethyl ether	59		2.461					
20 Acrolein	56		2.595					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.632					
22 1,1-Dichloroethene	96		2.653					
23 Acetone	43		2.741					
19 Propene oxide	58		2.741					
25 Iodomethane	142		2.778					9
26 Carbon disulfide	76		2.820					9
24 Isopropyl alcohol	45		2.925					
29 Acetonitrile	40		2.984					
27 Methyl acetate	43		3.003					
28 3-Chloro-1-propene	41		3.053					
30 Methylene Chloride	84		3.082					
31 2-Methyl-2-propanol	59		3.283					
32 Methyl tert-butyl ether	73		3.285					
34 trans-1,2-Dichloroethene	96		3.297					9
33 Acrylonitrile	53		3.301					
35 Hexane	57		3.477					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
36 Isopropyl ether	45		3.571					
40 2-Chloro-1,3-butadiene	53		3.638					
39 1,1-Dichloroethane	63		3.638					
37 Vinyl acetate	43		3.672					
38 1,1-Dimethoxyethane	75		3.721					
41 Tert-butyl ethyl ether	59		3.802					
46 Propionitrile	54		4.016					
44 2,2-Dichloropropane	77		4.061					
45 cis-1,2-Dichloroethene	96		4.088				9	
43 2-Butanone (MEK)	43		4.104					
42 Ethyl acetate	43		4.104					
47 Methacrylonitrile	41		4.107					
48 Chlorobromomethane	128		4.268					
49 Tetrahydrofuran	42		4.298					
50 Chloroform	83		4.329				9	
51 1,1,1-Trichloroethane	97		4.438					
52 Cyclohexane	56		4.463					
53 Isobutyl alcohol	43		4.463					
56 Tert-amyl methyl ether	73		4.546					
55 Carbon tetrachloride	117		4.560					
54 1,1-Dichloropropene	75		4.560					
59 n-Heptane	43		4.619					
57 Benzene	78		4.721				9	
58 1,2-Dichloroethane	62		4.757					
60 n-Butanol	56		4.822				9	
66 1,4-Dioxane	88		5.004				9	
62 Trichloroethene	95		5.201					
63 Methyl methacrylate	41		5.308					
64 Methylcyclohexane	83		5.314					
65 1,2-Dichloropropane	63		5.369					
70 2-Nitropropane	43		5.430					
67 Dibromomethane	93		5.473					
71 Epichlorohydrin	57		5.534					
68 Dichlorobromomethane	83		5.582					
69 2-Chloroethyl vinyl ether	63		5.789					
72 cis-1,3-Dichloropropene	75		5.905					
76 2-Methylthiophene	97		5.918					
78 3-Methylthiophene	97		5.934					
73 4-Methyl-2-pentanone (MIBK)	43		6.008				9	
74 Toluene	92		6.138					
77 trans-1,3-Dichloropropene	75		6.324					
75 Ethyl methacrylate	69		6.361					
79 1,1,2-Trichloroethane	83		6.464					
81 Tetrachloroethene	166		6.552					
82 1,3-Dichloropropane	76		6.592					
80 2-Hexanone	43		6.635					
83 Chlorodibromomethane	129		6.774					
85 3-Chlorobenzotrifluoride	180		6.796					
86 4-Chlorobenzotrifluoride	180		6.838					
84 Ethylene Dibromide	107		6.860					
87 Chlorobenzene	112		7.221				9	
89 1,1,1,2-Tetrachloroethane	131		7.285					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
88 Ethylbenzene	91		7.288					9
90 m-Xylene & p-Xylene	106		7.379					
93 2-Chlorobenzotrifluoride	180		7.527					
91 o-Xylene	106		7.696					9
92 Styrene	104		7.711					9
96 Cyclohexanone	55		7.735					
95 Bromoform	173		7.888					
94 Isopropylbenzene	105		7.979					9
104 3-Chlorotoluene	126		8.082					
101 Bromobenzene	156		8.253					
97 1,1,2,2-Tetrachloroethane	83		8.259					
108 Pentachloroethane	167		8.265					
100 1,2,3-Trichloropropane	110		8.289					
98 trans-1,4-Dichloro-2-butene	53		8.295					
99 N-Propylbenzene	91		8.314					
103 2-Chlorotoluene	126		8.399					9
102 1,3,5-Trimethylbenzene	105		8.453					9
105 4-Chlorotoluene	126		8.484					9
106 tert-Butylbenzene	134		8.715					
114 Dicyclopentadiene	66		8.715					
107 1,2,4-Trimethylbenzene	105		8.760					
109 sec-Butylbenzene	105		8.892					9
110 4-Isopropyltoluene	119		9.007					9
111 1,3-Dichlorobenzene	146		9.007					9
112 1,2,3-Trimethylbenzene	105		9.007					
113 1,4-Dichlorobenzene	146		9.080					9
115 n-Butylbenzene	91		9.348					9
116 1,2-Dichlorobenzene	146		9.393					9
118 1,3,5-Trichlorobenzene	180		9.850					
117 1,2-Dibromo-3-Chloropropane	75		10.041					
119 1,2,4-Trichlorobenzene	180		10.710					9
120 Hexachlorobutadiene	225		10.832					9
121 Naphthalene	128		10.917					9
122 1,2,3-Trichlorobenzene	180		11.112					9
S 125 1,2-Dichloroethene, Total	1		30.000					7
S 126 1,3-Dichloropropene, Total	1		30.000					7
S 123 Total BTEX	1		30.000					7
S 124 Xylenes, Total	1		30.000					7
T 9 bis(2-chloromethyl)ether TIC	1		0.000					1
T 8 t-Amyl alcohol	59		0.000					1
T 127 Ethanol TIC	45		0.000					1
T 128 Hexachloroethane TIC	1		0.000					1
T 7 Ethylene oxide	44		1.872					

QC Flag Legend

Processing Flags

1 - Missing Peaks

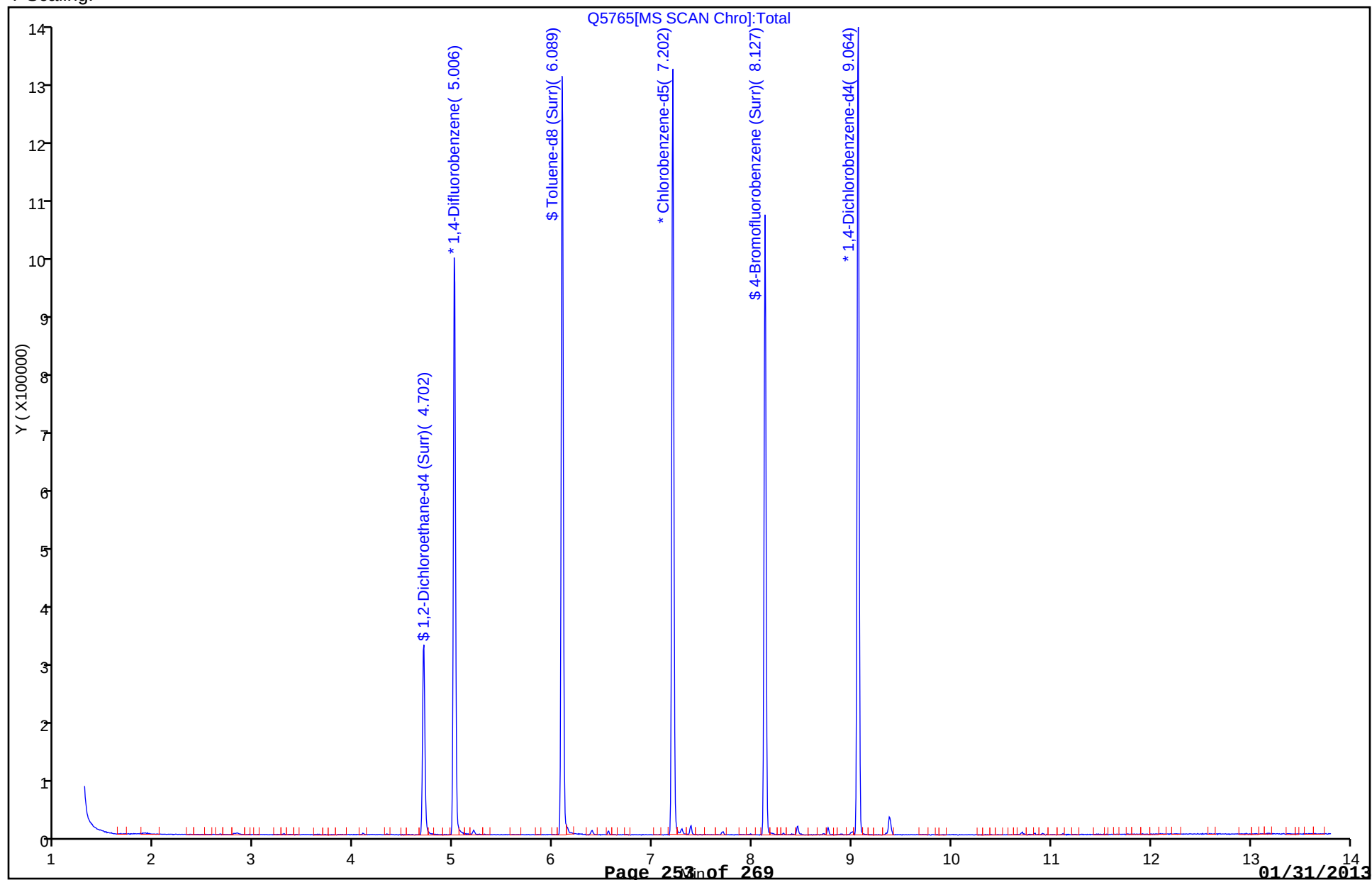
7 - Failed Limit of Detection

9 - Failed A Reference Spectral Test

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5765.D
Injection Date: 24-Jan-2013 12:30:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 100891 Lims Sample ID: 4
Operator ID: jmb Purge Vol: 5.000 mL
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.: 480-31886-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-100709/4
 Matrix: Water Lab File ID: Q5712.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/23/2013 11:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100709 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	25.2		1.0	0.38
75-35-4	1,1-Dichloroethene	23.6		1.0	0.29
95-50-1	1,2-Dichlorobenzene	24.7		1.0	0.79
107-06-2	1,2-Dichloroethane	23.5		1.0	0.21
71-43-2	Benzene	25.5		1.0	0.41
108-90-7	Chlorobenzene	25.3		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	26.3		1.0	0.81
100-41-4	Ethylbenzene	24.4		1.0	0.74
1634-04-4	Methyl tert-butyl ether	20.4		1.0	0.16
127-18-4	Tetrachloroethene	24.7		1.0	0.36
108-88-3	Toluene	23.4		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	27.3		1.0	0.90
79-01-6	Trichloroethene	25.9		1.0	0.46
1330-20-7	Xylenes, Total	70.9		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		66-137
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
2037-26-5	Toluene-d8 (Surr)	87		71-126

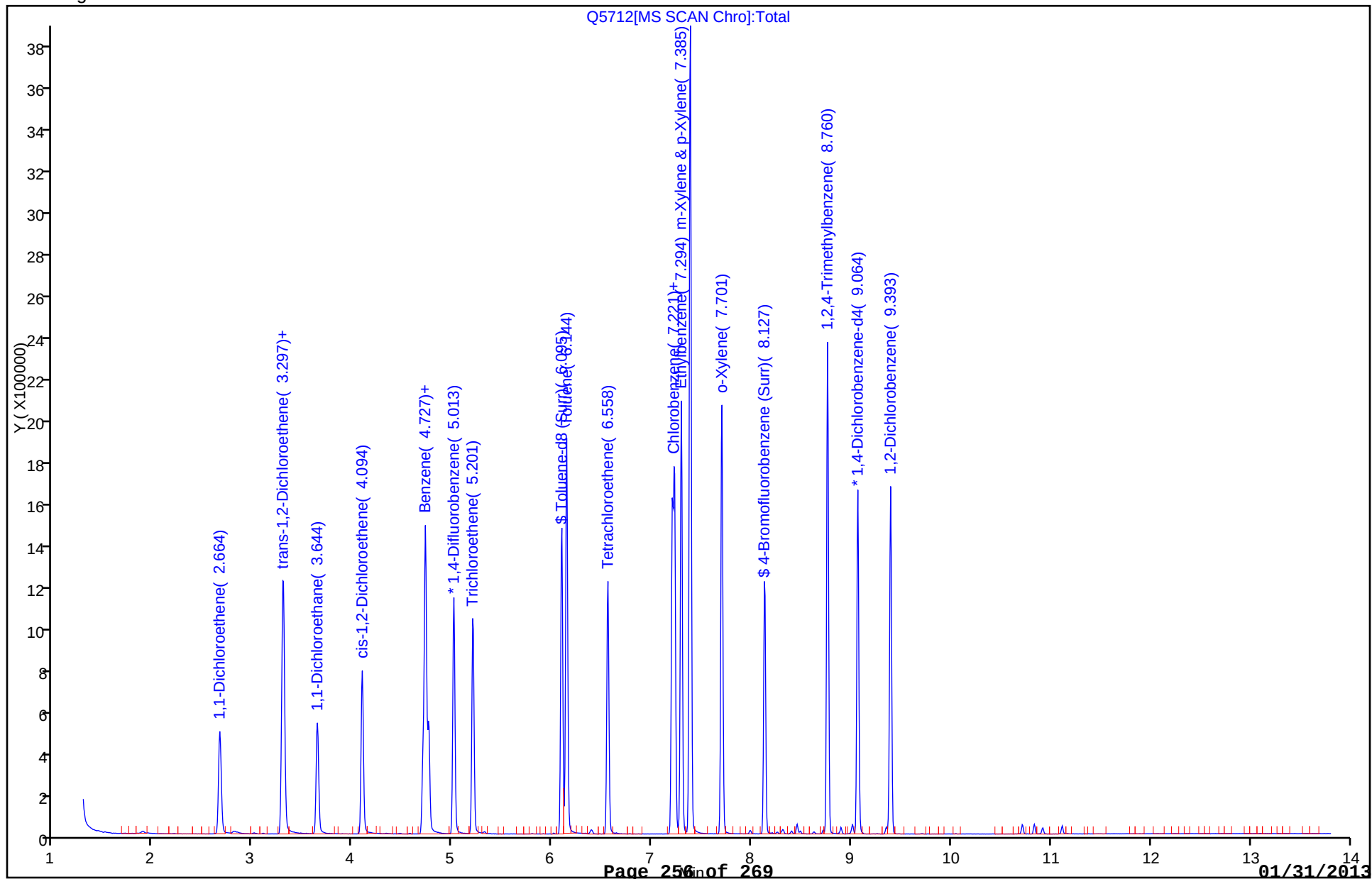
TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5712.D
 Lims ID: LCS Client ID:
 Inject. Date: 23-Jan-2013 11:29:30 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: LCS
 Misc. Info.: 480-0018476-004
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 2
 Lims Batch ID: 100709 Lims Sample ID: 4
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q-8260.m
 Last Update: 23-Jan-2013 12:02:58 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK013

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.013	5.013	0.0	93	833726	25.0	
* 2 Chlorobenzene-d5	82	7.203	7.203	0.0	82	392226	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.064	9.064	0.0	93	413915	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.702	4.702	0.0	90	112485	19.4	
\$ 5 Toluene-d8 (Surr)	98	6.095	6.095	0.0	83	896706	21.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.133	8.133	0.0	97	342653	23.6	
22 1,1-Dichloroethene	96	2.664	2.664	0.0	89	224163	23.6	
32 Methyl tert-butyl ether	73	3.291	3.291	0.0	89	663206	20.4	
34 trans-1,2-Dichloroethene	96	3.303	3.303	0.0	96	302194	27.3	
39 1,1-Dichloroethane	63	3.644	3.644	0.0	85	487384	25.2	
45 cis-1,2-Dichloroethene	96	4.094	4.094	0.0	66	326772	26.3	
57 Benzene	78	4.727	4.727	0.0	96	1107536	25.5	
58 1,2-Dichloroethane	62	4.757	4.757	0.0	95	341205	23.5	
62 Trichloroethene	95	5.201	5.201	0.0	92	293599	25.9	
74 Toluene	92	6.144	6.144	0.0	98	696761	23.4	
81 Tetrachloroethene	166	6.558	6.558	0.0	92	339978	24.7	
87 Chlorobenzene	112	7.227	7.227	0.0	97	866787	25.3	
88 Ethylbenzene	91	7.294	7.294	0.0	97	1332297	24.4	
90 m-Xylene & p-Xylene	106	7.385	7.385	0.0	97	1067913	46.9	
91 o-Xylene	106	7.701	7.701	0.0	96	547593	24.0	
107 1,2,4-Trimethylbenzene	105	8.760	8.760	0.0	96	1171150	25.2	
116 1,2-Dichlorobenzene	146	9.393	9.393	0.0	97	647337	24.7	
S 125 1,2-Dichloroethene, Total	1				0		53.6	
S 123 Total BTEX	1				0		144.2	
S 124 Xylenes, Total	1				0		70.9	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18476.b\Q5712.D
Injection Date: 23-Jan-2013 11:29:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 100709 Lims Sample ID: 4
Operator ID: jmb Purge Vol: 5.000 mL
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.: 480-31886-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-100819/3
 Matrix: Water Lab File ID: Q5740.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 00:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	24.8		1.0	0.38
75-35-4	1,1-Dichloroethene	22.7		1.0	0.29
95-50-1	1,2-Dichlorobenzene	26.2		1.0	0.79
107-06-2	1,2-Dichloroethane	25.9		1.0	0.21
71-43-2	Benzene	25.5		1.0	0.41
108-90-7	Chlorobenzene	26.1		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	25.7		1.0	0.81
100-41-4	Ethylbenzene	25.3		1.0	0.74
1634-04-4	Methyl tert-butyl ether	24.9		1.0	0.16
127-18-4	Tetrachloroethene	24.6		1.0	0.36
108-88-3	Toluene	24.9		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	25.9		1.0	0.90
79-01-6	Trichloroethene	26.3		1.0	0.46
1330-20-7	Xylenes, Total	72.1		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		66-137
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
2037-26-5	Toluene-d8 (Surr)	90		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5740.D
 Lims ID: LCS Client ID:
 Inject. Date: 24-Jan-2013 00:41:30 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: LCS
 Misc. Info.: 480-0018502-003
 Operator: CDC Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 2
 Lims Batch ID: 100819 Lims Sample ID: 3
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q-8260.m
 Last Update: 24-Jan-2013 01:26:11 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK019

First Level Reviewer: cwiklinc

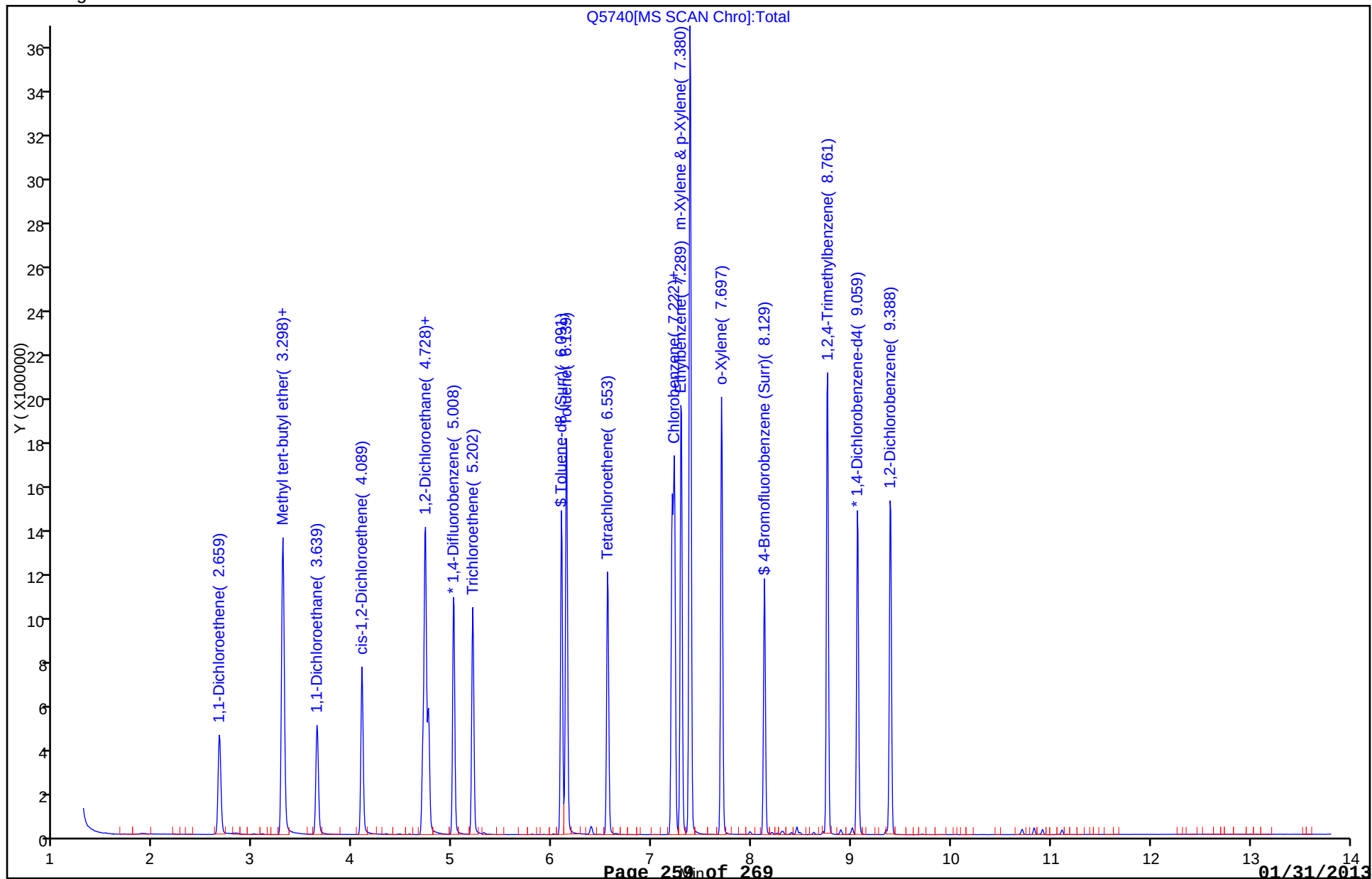
Date: 24-Jan-2013 01:26:11

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.014	5.014	0.0	93	788743	25.0	
* 2 Chlorobenzene-d5	82	7.198	7.198	0.0	84	360335	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.059	9.059	0.0	94	362169	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.704	4.704	0.0	89	113142	20.7	
\$ 5 Toluene-d8 (Surr)	98	6.091	6.091	0.0	93	851296	22.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.129	8.129	0.0	93	297244	22.3	
22 1,1-Dichloroethene	96	2.659	2.659	0.0	90	203831	22.7	
32 Methyl tert-butyl ether	73	3.292	3.292	0.0	89	765851	24.9	
34 trans-1,2-Dichloroethene	96	3.298	3.298	0.0	95	270335	25.9	
39 1,1-Dichloroethane	63	3.639	3.639	0.0	85	454322	24.8	
45 cis-1,2-Dichloroethene	96	4.089	4.089	0.0	80	301754	25.7	
57 Benzene	78	4.728	4.728	0.0	96	1047318	25.5	
58 1,2-Dichloroethane	62	4.758	4.758	0.0	94	356170	25.9	
62 Trichloroethene	95	5.202	5.202	0.0	91	281949	26.3	
74 Toluene	92	6.139	6.139	0.0	98	681882	24.9	
81 Tetrachloroethene	166	6.559	6.559	0.0	92	310573	24.6	
87 Chlorobenzene	112	7.222	7.222	0.0	95	821004	26.1	
88 Ethylbenzene	91	7.289	7.289	0.0	97	1268068	25.3	
90 m-Xylene & p-Xylene	106	7.380	7.380	0.0	97	1004687	48.0	
91 o-Xylene	106	7.697	7.697	0.0	96	505623	24.1	
107 1,2,4-Trimethylbenzene	105	8.761	8.761	0.0	96	1073077	26.4	
116 1,2-Dichlorobenzene	146	9.394	9.394	0.0	98	599449	26.2	
S 123 Total BTEX	1				0		147.8	
S 124 Xylenes, Total	1				0		72.1	
S 125 1,2-Dichloroethene, Total	1				0		51.5	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130123-18502.b\Q5740.D
Injection Date: 24-Jan-2013 00:41:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 100819 Lims Sample ID: 3
Operator ID: CDC Purge Vol: 5.000 mL
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.: 480-31886-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-100891/3
 Matrix: Water Lab File ID: Q5764.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 01/24/2013 12:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 100891 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	24.7		1.0	0.38
75-35-4	1,1-Dichloroethene	21.3		1.0	0.29
95-50-1	1,2-Dichlorobenzene	24.9		1.0	0.79
107-06-2	1,2-Dichloroethane	24.8		1.0	0.21
71-43-2	Benzene	24.7		1.0	0.41
108-90-7	Chlorobenzene	24.7		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	24.8		1.0	0.81
100-41-4	Ethylbenzene	24.1		1.0	0.74
1634-04-4	Methyl tert-butyl ether	22.4		1.0	0.16
127-18-4	Tetrachloroethene	23.2		1.0	0.36
108-88-3	Toluene	23.4		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	24.9		1.0	0.90
79-01-6	Trichloroethene	25.2		1.0	0.46
1330-20-7	Xylenes, Total	68.7		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		66-137
460-00-4	4-Bromofluorobenzene (Surr)	88		73-120
2037-26-5	Toluene-d8 (Surr)	88		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

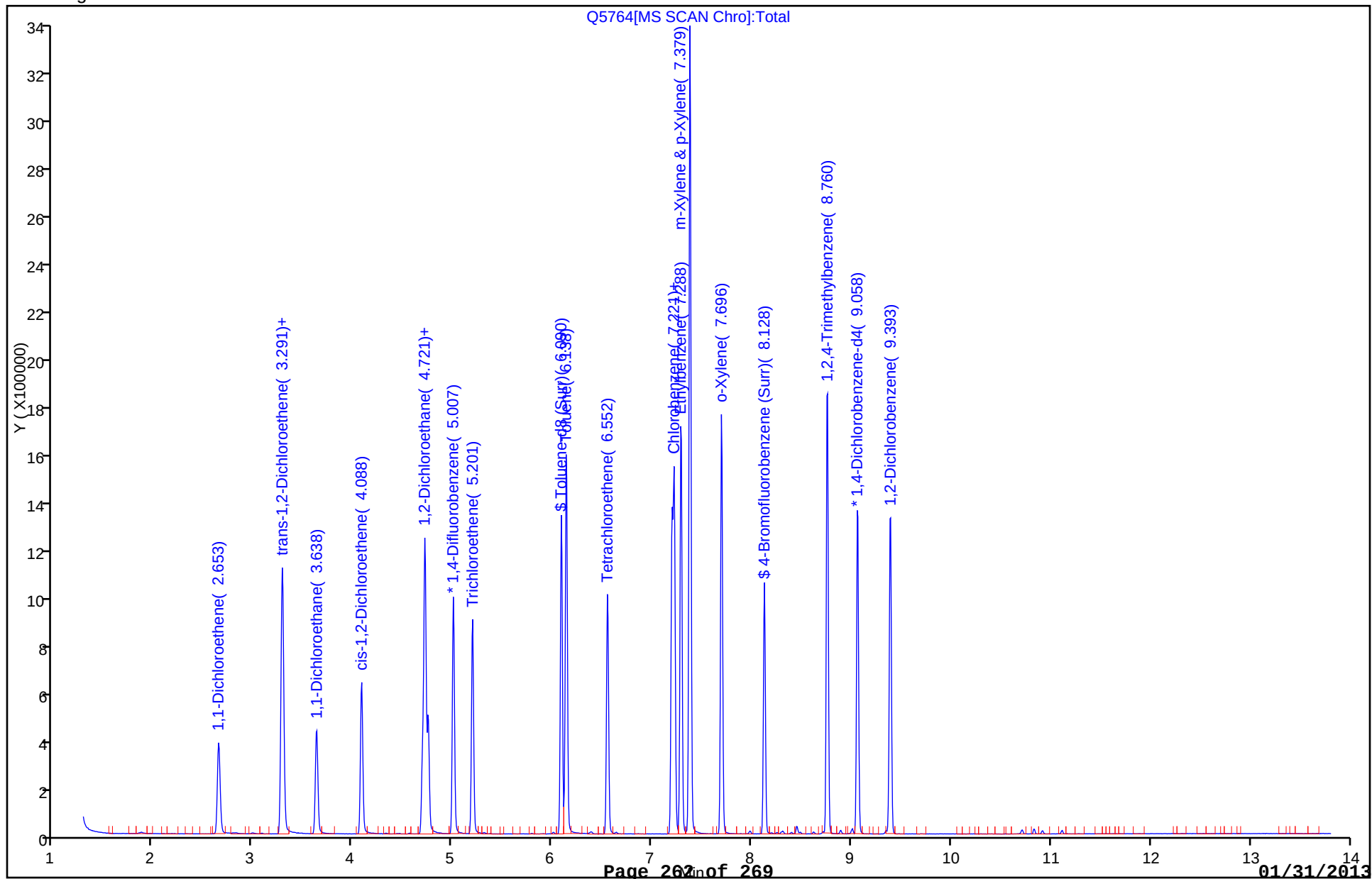
Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5764.D
 Lims ID: LCS Client ID:
 Inject. Date: 24-Jan-2013 12:03:30 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: LCS
 Misc. Info.: 480-0018521-003
 Operator: jmb Instrument ID: HP5973Q
 Purge Vol: 5.000 mL ALS Bottle#: 2
 Lims Batch ID: 100891 Lims Sample ID: 3
 Detector: MS SCAN
 Method: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q-8260.m
 Last Update: 24-Jan-2013 12:54:29 Calib Date: 09-Nov-2012 18:41:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20121109-16505.b\Q3891.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: RT Order ID
 Column Type: ZB-624 Column Dia: 0.25 mm
 Process Host: XAWRK003

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.007	5.007	0.0	93	693746	25.0	
* 2 Chlorobenzene-d5	82	7.203	7.203	0.0	82	327450	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.064	9.064	0.0	94	331941	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.697	4.697	0.0	90	95104	19.7	
\$ 5 Toluene-d8 (Surr)	98	6.090	6.090	0.0	83	756242	22.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.128	8.128	0.0	92	267386	22.1	
22 1,1-Dichloroethene	96	2.653	2.653	0.0	90	168106	21.3	
32 Methyl tert-butyl ether	73	3.285	3.285	0.0	90	603856	22.4	
34 trans-1,2-Dichloroethene	96	3.297	3.297	0.0	96	228802	24.9	
39 1,1-Dichloroethane	63	3.638	3.638	0.0	85	397730	24.7	
45 cis-1,2-Dichloroethene	96	4.088	4.088	0.0	67	256884	24.8	
57 Benzene	78	4.721	4.721	0.0	97	890284	24.7	
58 1,2-Dichloroethane	62	4.757	4.757	0.0	95	300248	24.8	
62 Trichloroethene	95	5.201	5.201	0.0	94	237698	25.2	
74 Toluene	92	6.138	6.138	0.0	92	581942	23.4	
81 Tetrachloroethene	166	6.552	6.552	0.0	92	266442	23.2	
87 Chlorobenzene	112	7.221	7.221	0.0	95	707786	24.7	
88 Ethylbenzene	91	7.288	7.288	0.0	97	1096348	24.1	
90 m-Xylene & p-Xylene	106	7.379	7.379	0.0	97	865950	45.5	
91 o-Xylene	106	7.696	7.696	0.0	96	441108	23.2	
107 1,2,4-Trimethylbenzene	105	8.760	8.760	0.0	96	937042	25.2	
116 1,2-Dichlorobenzene	146	9.393	9.393	0.0	97	521961	24.9	
S 125 1,2-Dichloroethene, Total	1				0		49.7	
S 123 Total BTEX	1				0		140.8	
S 124 Xylenes, Total	1				0		68.7	

TestAmerica Buffalo

Data File: \\BUFCHROM\ChromData\HP5973Q\20130124-18521.b\Q5764.D
Injection Date: 24-Jan-2013 12:03:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 100891 Lims Sample ID: 3
Operator ID: jmb Purge Vol: 5.000 mL
Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Instrument ID: HP5973Q Start Date: 11/09/2012 15:32Analysis Batch Number: 89987 End Date: 11/09/2012 20:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-89987/1		11/09/2012 15:32	1	Q3884.D	ZB-624 (60) 0.25 (mm)
IC 480-89987/3		11/09/2012 16:23	1	Q3886.D	ZB-624 (60) 0.25 (mm)
IC 480-89987/4		11/09/2012 16:51	1	Q3887.D	ZB-624 (60) 0.25 (mm)
IC 480-89987/5		11/09/2012 17:18	1	Q3888.D	ZB-624 (60) 0.25 (mm)
ICIS 480-89987/6		11/09/2012 17:46	1	Q3889.D	ZB-624 (60) 0.25 (mm)
IC 480-89987/7		11/09/2012 18:13	1	Q3890.D	ZB-624 (60) 0.25 (mm)
IC 480-89987/8		11/09/2012 18:41	1	Q3891.D	ZB-624 (60) 0.25 (mm)
MDLV 480-89987/11		11/09/2012 20:04	1		ZB-624 (60) 0.25 (mm)
ICV 480-89987/12		11/09/2012 20:32	1		ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Instrument ID: HP5973Q Start Date: 01/23/2013 09:47Analysis Batch Number: 100709 End Date: 01/23/2013 20:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-100709/2		01/23/2013 09:47	1	Q5710.D	ZB-624 (60) 0.25 (mm)
CCVIS 480-100709/3		01/23/2013 10:56	1	Q5711.D	ZB-624 (60) 0.25 (mm)
LCS 480-100709/4		01/23/2013 11:29	1	Q5712.D	ZB-624 (60) 0.25 (mm)
MB 480-100709/5		01/23/2013 12:29	1	Q5713.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/23/2013 13:04	10		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/23/2013 13:31	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/23/2013 15:48	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/23/2013 16:16	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/23/2013 16:43	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/23/2013 17:11	1		ZB-624 (60) 0.25 (mm)
480-31886-1	Duplicate	01/23/2013 17:38	2000	Q5724.D	ZB-624 (60) 0.25 (mm)
480-31886-2	MW-10	01/23/2013 18:06	1	Q5725.D	ZB-624 (60) 0.25 (mm)
480-31886-3	MW-11	01/23/2013 18:33	1	Q5726.D	ZB-624 (60) 0.25 (mm)
480-31886-4	MW-12	01/23/2013 19:01	1	Q5727.D	ZB-624 (60) 0.25 (mm)
480-31886-5	MW-16S	01/23/2013 19:28	800	Q5728.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/23/2013 19:55	1		ZB-624 (60) 0.25 (mm)
480-31886-7	MW-3	01/23/2013 20:23	1	Q5730.D	ZB-624 (60) 0.25 (mm)
480-31886-8	MW-4	01/23/2013 20:50	40	Q5731.D	ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Instrument ID: HP5973Q Start Date: 01/23/2013 23:44Analysis Batch Number: 100819 End Date: 01/24/2013 10:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-100819/1		01/23/2013 23:44	1	Q5738.D	ZB-624 (60) 0.25 (mm)
CCVIS 480-100819/2		01/24/2013 00:08	1	Q5739.D	ZB-624 (60) 0.25 (mm)
LCS 480-100819/3		01/24/2013 00:41	1	Q5740.D	ZB-624 (60) 0.25 (mm)
MB 480-100819/4		01/24/2013 01:09	1	Q5741.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 01:42	10		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 02:10	10		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 02:37	10		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 03:05	10		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 03:32	10		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 04:00	25		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 04:27	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 04:54	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 05:22	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 05:49	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 06:16	2		ZB-624 (60) 0.25 (mm)
480-31886-5 DL	MW-16S DL	01/24/2013 06:44	10000	Q5753.D	ZB-624 (60) 0.25 (mm)
480-31886-6	MW-2	01/24/2013 07:11	1	Q5754.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 07:38	1000		ZB-624 (60) 0.25 (mm)
480-31886-9	MW-6	01/24/2013 08:06	1	Q5756.D	ZB-624 (60) 0.25 (mm)
480-31886-10	Rinse Blank	01/24/2013 08:33	1	Q5757.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 09:00	20		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 09:28	4		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 09:55	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 10:23	100		ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-31886-1

SDG No.: _____

Instrument ID: HP5973Q Start Date: 01/24/2013 10:41Analysis Batch Number: 100891 End Date: 01/24/2013 19:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-100891/1		01/24/2013 10:41	1	Q5762.D	ZB-624 (60) 0.25 (mm)
CCVIS 480-100891/2		01/24/2013 11:29	1	Q5763.D	ZB-624 (60) 0.25 (mm)
LCS 480-100891/3		01/24/2013 12:03	1	Q5764.D	ZB-624 (60) 0.25 (mm)
MB 480-100891/4		01/24/2013 12:30	1	Q5765.D	ZB-624 (60) 0.25 (mm)
480-31886-8 DL	MW-4 DL	01/24/2013 13:25	2000	Q5767.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 13:52	200		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 14:20	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 14:47	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 15:14	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 15:42	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 16:09	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 16:37	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 17:04	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 17:31	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 17:59	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 18:26	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 18:53	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2013 19:21	1		ZB-624 (60) 0.25 (mm)

Shipping and Receiving Documents

Client Information		Lab PM:		Carrier Tracking No(s):		COC No:		
Client Contact: Mr. Dino Zack Company: AECOM, Inc.		Sampler: E. Loity Phone: 716-836-4506 E-Mail: brian.fischer@testamericainc.com		Fischer, Brian brian.fischer@testamericainc.com		490-30893-3450.1 Page: Page 1 of 1 Job #:		
Address: 100 Corporate Parkway Suite 341 City: Amherst State, Zip: NY, 14226 Phone: Email: dino.zack@aecom.com Project Name: Scott Aviation site Site: New York		Due Date Requested: TAT Requested (days): PO #: Purchase Order not requir WO #: Project #: 48002539 SSOW#:		Analysis Requested				
Sample Identification MW-2 MW-3 MW-6 MW-4 MW-10 MW-11 MW-12 MW-16S Duplicate Rinse		Sample Date 1/31/13 1/31/13 1/31/13 1/31/13 1/31/13 1/31/13 1/31/13 1/31/13 1/31/13		Sample Time 9:50 11:20 12:50 14:45 13:45 10:35 12:05 15:40 8:00 11:00		Matrix (W=water, S=solid, O=oil, A=air) Water Water Water Water Water Water Water Water Water		
Preservation Code A 3 3 3 3 3 3 3 3 3		Field Filtered Sample (Yes or No) 8260B - TCL list OLM042 3 3 3 3 3 3 3 3 3		Total Number of Containers 3 3 3 3 3 3 3 3 3 3			Special Instructions/Note: Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: 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)	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements:								
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)								
Empty Kit Relinquished by: _____ Date: _____ Relinquished by: _____ Date: 1/31/13 Relinquished by: _____ Date: 9:00 Relinquished by: _____ Date: _____ Relinquished by: _____ Date: _____								
Custody Seal No.: _____ A Yes A No Cooler Temperature(s) °C and Other Remarks: #3 2.4								

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-31886-1

Login Number: 31886

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	



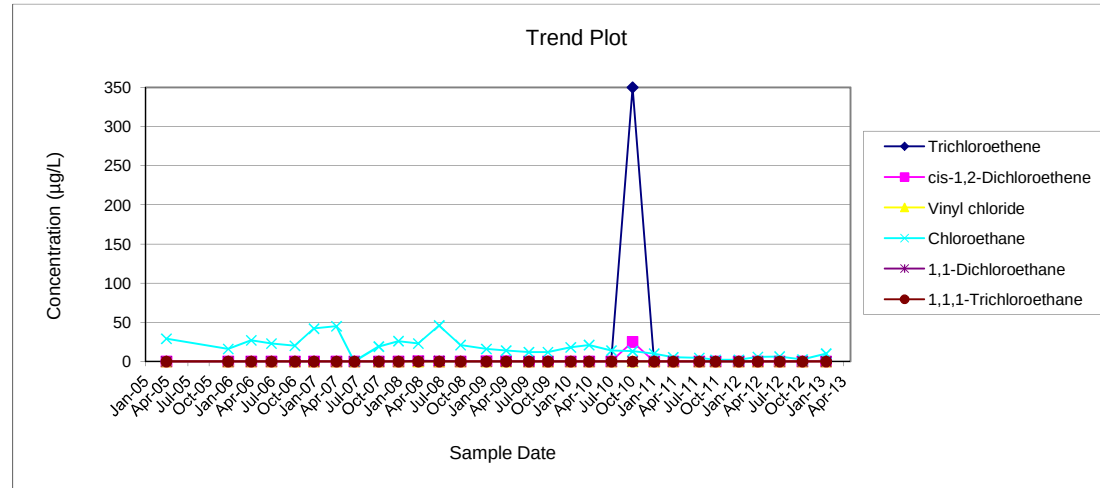
APPENDIX D

Historical and Current Summary of VOCs in Groundwater

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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	29	< 10	<10
1/5/2006	< 25	< 25	< 25	16	< 25	< 25
4/14/2006	< 25	< 25	< 25	27	< 25	< 25
7/10/2006	< 25	< 25	< 25	23	< 25	< 25
10/19/2006	< 5	< 5	< 5	20	< 5	< 5
1/9/2007	< 5	< 5	< 5	42	< 5	< 5
4/16/2007	< 20	< 20	< 20	45	< 20	< 20
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/15/2007	< 5	< 5	< 5	19	< 5	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	0.48	< 5	23	1	< 5
7/1/2008	< 5	< 5	< 5	46	0.65	< 5
10/1/2008	< 5	< 5	< 5	21	<5	< 5
1/20/2009	< 5	0	< 5	16	<5	< 5
4/15/2009	< 5	0	< 5	14	<5	< 5
7/22/2009	< 5	< 5	< 5	12	<5	< 5
10/12/2009	< 5	< 5	< 5	12	<5	< 5
1/18/2010	< 25	< 25	< 25	18	< 25	< 25
4/7/2010	< 25	< 25	< 25	21	< 25	< 25
7/12/2010	< 25	< 25	< 25	14	< 25	< 25
10/11/2010	350	25	< 25	13	< 25	< 25
1/12/2011	<1	<1	<1	10	<1	<1
4/4/2011	<1	<1	<1	5.4	<1	<1
7/25/2011	<1	<1	<1	4.5	<1	<1
10/3/2011	<1	<1	<1	2.1	<1	<1
1/11/2012	<1	<1	<1	2	<1	<1
4/2/2012	<1	<1	<1	5.8	<1	<1
7/5/2012	<1	<1	<1	6.3	<1	<1
10/11/2012	<1	<1	<1	2.4	<1	<1
1/21/2013	0.98	<1	<1	10	<1	<1

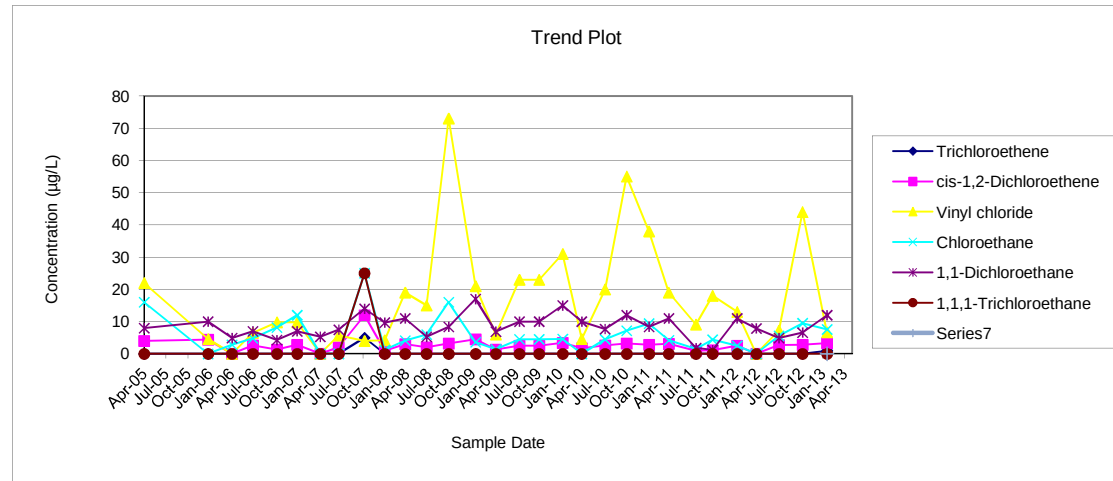
MONITORING WELL MW-2
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	4	22	16	8	<10
1/5/2006	< 25	4.4	4.6	< 25	10	< 25
4/14/2006	< 25	< 25	< 25	2.8	4.9	< 25
7/10/2006	< 25	2.6	6.5	4.8	7	< 25
10/18/2006	< 5	1.3	9.8	8.2	4.3	< 5
1/10/2007	< 5	2.8	9.8	12	7	< 5
4/16/2007	< 20	< 20	< 20	< 20	5.3	< 20
7/2/2007	< 5	2	5.7	< 5	7.5	< 5
10/17/2007	5	12	4	25	14	25
1/9/2008	< 5	0.9	4.2	1.2	9.7	<5
4/3/2008	<5	3	19	4.1	11	<5
7/1/2008	<5	2	15	6	5.3	<5
10/1/2008	<5	3.2	73	16	8.4	<5
1/21/2009	<5	4.5	21	3.6	17	<5
4/15/2009	<5	1.3	6	1.4	6.9	<5
7/22/2009	<5	2.5	23	4.5	10	<5
10/12/2009	<5	2.5	23	4.5	10	<5
1/18/2010	<5	3.4	31	4.6	15	<5
4/7/2010	<5	1.7	4.6	<5	10	<5
7/13/2010	<5	2.6	20	4.5	7.7	<5
10/11/2010	<5	3.2	55	7.2	12	<5
1/12/2011	<1	2.8	38	9.4	8.4	<1
4/4/2011	<1	3.1	19	4.2	11	<1
7/26/2011	<1	0.98	9.1	1.5	1.8	<1
10/3/2011	<1	1.1	18	4.4	1.2	<1
1/13/2012	<1	2.5	13	2.5	11	<1
4/2/2012	<1	<1	<1	<1	7.9	<1
7/5/2012	<1	2.7	7.2	5.6	4.9	<1
10/11/2012	<1	2.8	44	9.5	6.6	<1
1/21/2013	0.98	3.3	6.7	7.6	12	<1

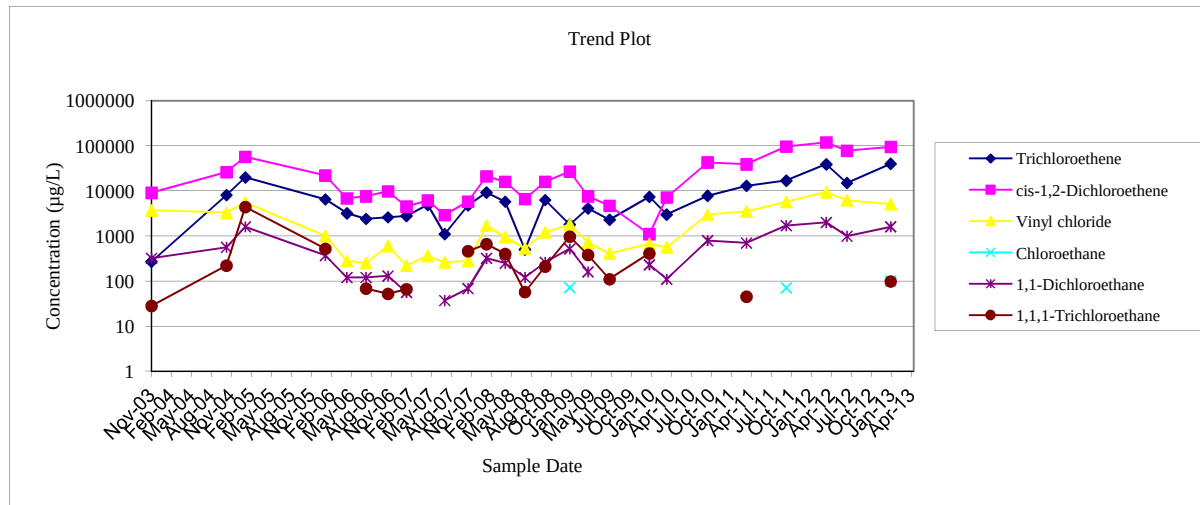
**MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



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	1,1,1,1-Tetrachloroethane
11/7/2003	270	9,100	3,700	< 10	320	28
10/13/2004	8,100	26,000	3,300	< 1000	560	220
1/7/2005	20,000	57,000	5,500	< 2000	1,600	4,400
1/6/2006	6,500	22,000	1,000	< 2000	370	520
4/14/2006	3,200	6,800	280	<500	120	<500
7/10/2006	2,400	7,600	250	<500	120	68
10/18/2006	2,600	9,800	600	<5	130	52
1/10/2007	2,800	4,500	220	<400	56	66
4/17/2007	4,900	6,200	360	<500	<500	<500
7/3/2007	1,100	2,900	260	<200	37	<200
10/17/2007	4,800	5,800	280	<500	68	460
1/9/2008	9,200	21,000	1,700	<500	320	660
4/3/2008	5,800	16,000	940	<1200	250	400
7/2/2008	500	6,600	530	<500	120	57
10/2/2008	6,300	16,000	1,200	<500	260	210
1/22/2009	1,800	27,000	1,800	72	520	970
4/15/2009	4,100	7,600	710	<200	160	380
7/22/2009	2,300	4,700	410	<250	<250	110
1/19/2010	7,400	1,100	670	<1000	230	410
4/8/2010	3,000	7,200	560	<500	110	<500
10/11/2010	7,800	43,000	3,000	<4,000	790	<4,000
4/6/2011	13,000	39,000	3,500	<40	700	45
10/4/2011	17,000	97,000	5,700	71	1700	<1
4/3/2012	39,000	120,000	9,400	<200	2000	<200
7/6/2012	15,000	78,000	6,200	<1000	990	<1000
1/21/2013	40,000	95,000	5,100	100	1600	98

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

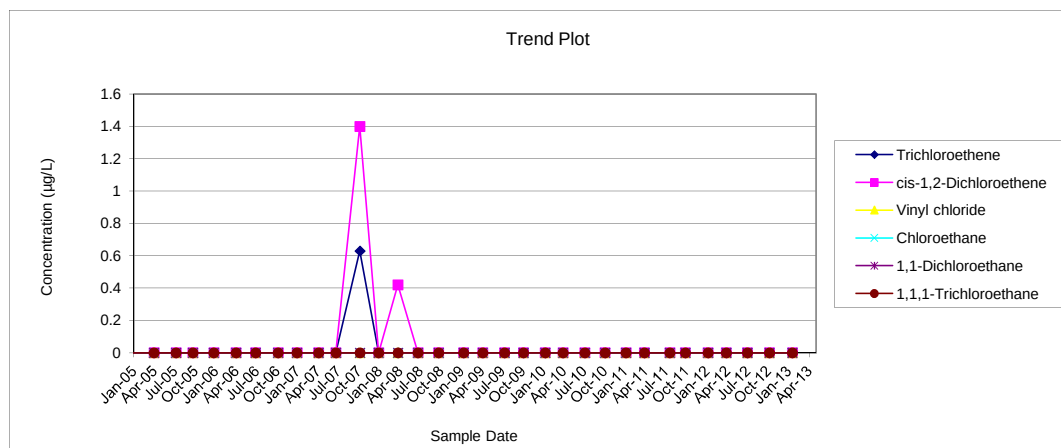


Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

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

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
4/2/2012	<1	<1	<1	<1	<1	<1
7/5/2012	<1	<1	<1	<1	<1	<1
10/11/2012	<1	<1	<1	<1	<1	<1
1/21/2013	<1	<1	<1	<1	<1	<1

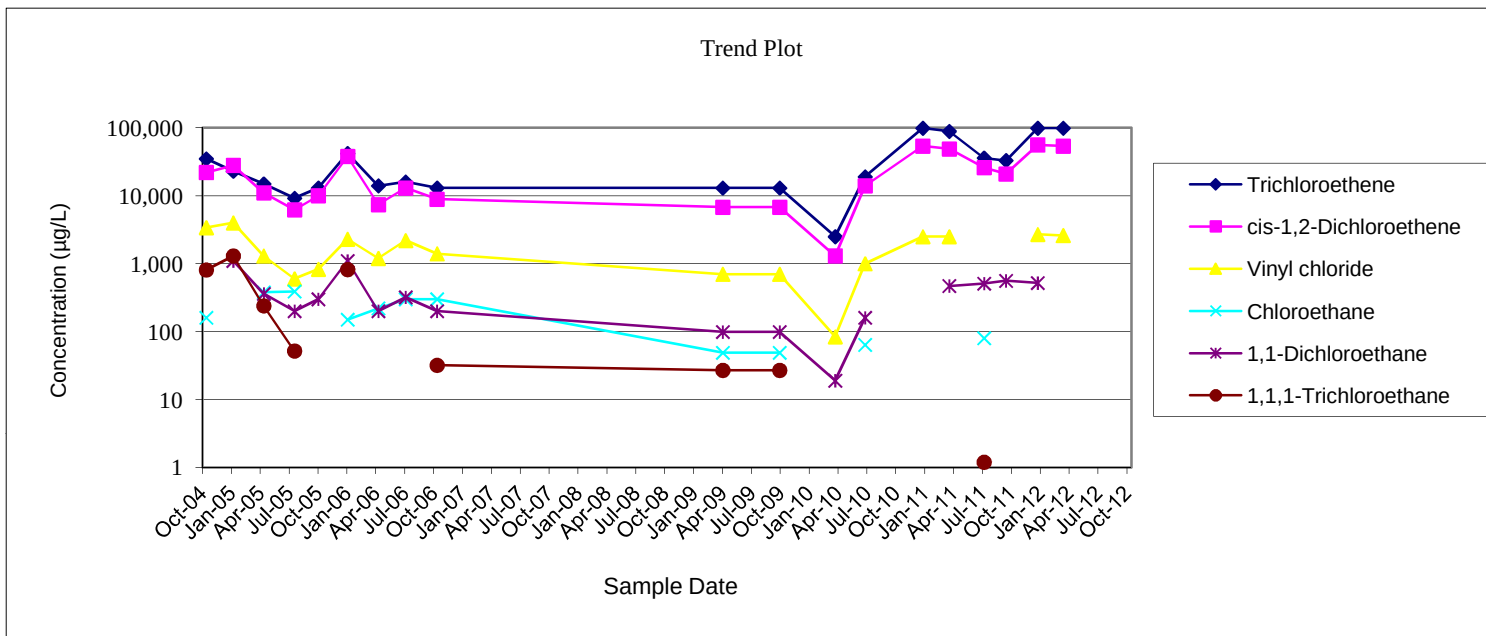
MONITORING WELL MW-6
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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
4/3/2012	99,000	54,000	2,600	<2000	<2000	<2000
10/12/2012	89,000	48,000	2,000	<800	340	<800

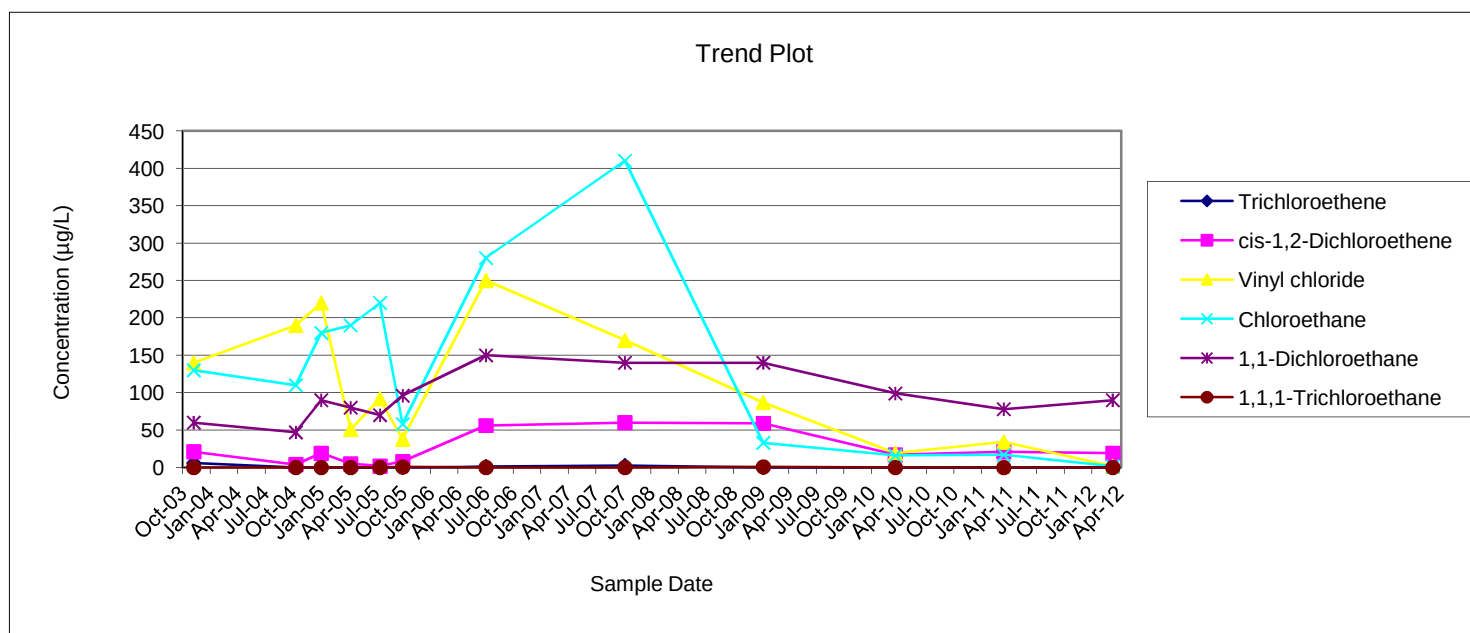
MONITORING WELL MW-8R
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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
4/2/2012	<1	19	1.8	1.5	90	<1

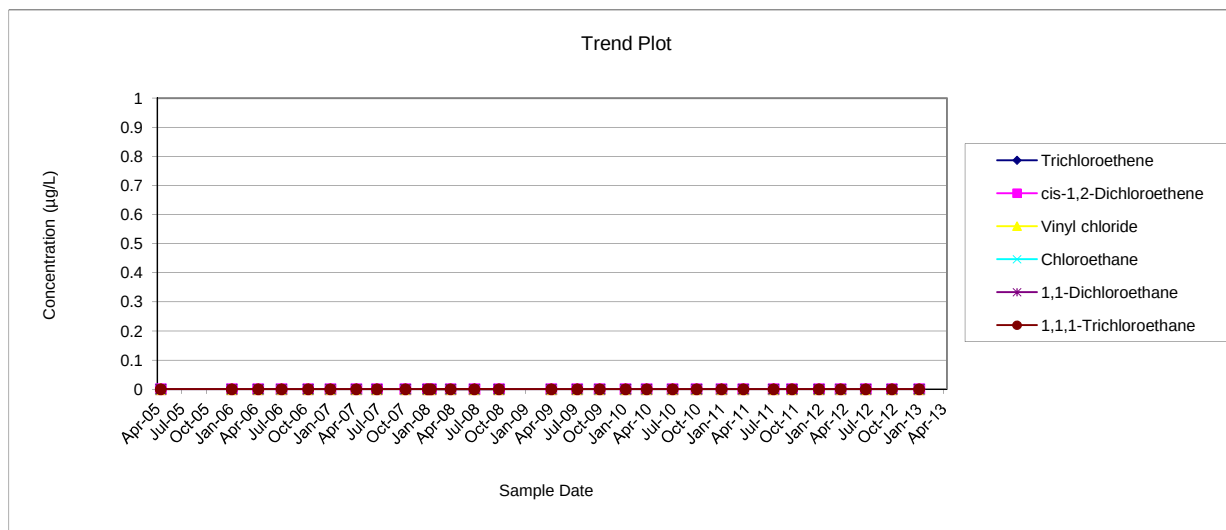
MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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
4/2/2012	<1	<1	<1	<1	<1	<1
7/5/2012	<1	<1	<1	<1	<1	<1
10/11/2012	<1	<1	<1	<1	<1	<1
1/21/2013	<1	<1	<1	<1	<1	<1

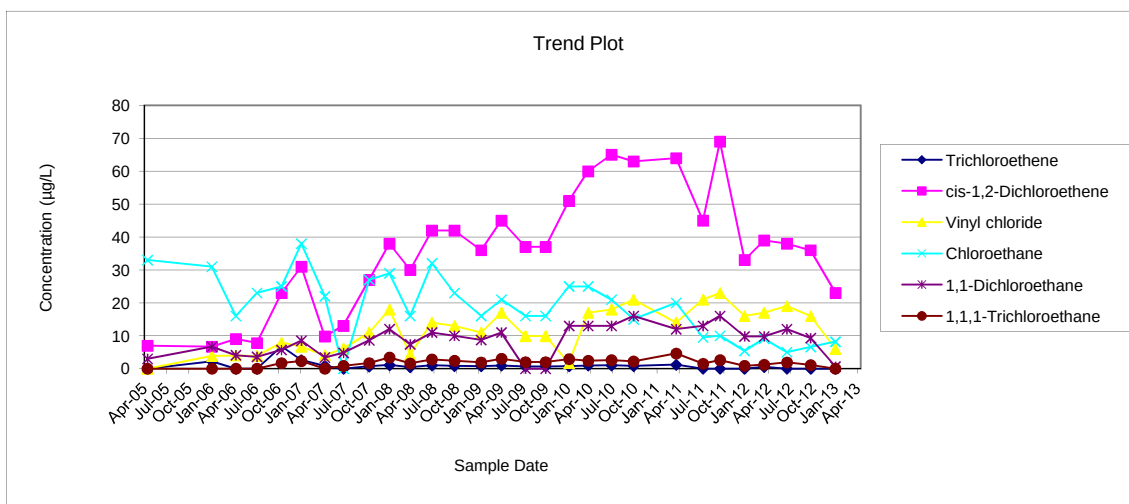
MONITORING WELL MW-10
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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
4/2/2012	0.51	39	17	9.1	9.8	1.2
7/5/2012	<1	38	19	5	12	1.9
10/11/2012	<1	36	16	6.6	9.3	1.1
1/21/2013	<1	23	6	8.2	0.64	<1

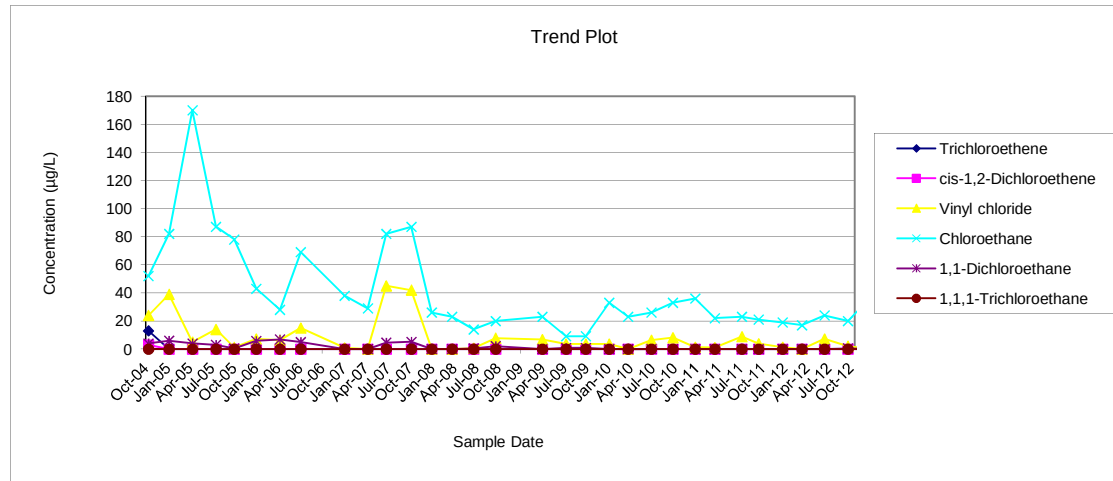
MONITORING WELL MW-11
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/12/2004	13	3	24	52	4	< 10
1/6/2005	< 10	< 10	39	82	6	< 10
4/14/2005	< 10	< 10	5	170	4	< 10
7/21/2005	< 5	< 5	14	87	3	<
10/5/2005	< 5	< 5	1.2	78	0.43	< 5
1/5/2006	< 25	< 25	7.2	43	5.8	< 25
4/14/2006	< 25	< 25	6.3	28	6.9	< 25
7/10/2006	< 25	< 25	15	69	5	< 25
1/9/2007	< 5	< 5	0.83	38	< 5	< 5
4/16/2007	< 20	< 20	< 20	29	< 20	< 20
7/2/2007	< 5	< 5	45	82	4.6	< 5
10/15/2007	< 5	< 5	42	87	5.2	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	< 5	< 5	23	< 5	< 5
7/1/2008	< 5	< 5	0.64	14	0.55	< 5
10/1/2008	< 5	< 5	7.8	20	2.1	< 5
4/14/2009	< 5	< 5	6.8	23	< 5	< 5
7/22/2009	< 5	< 5	3.6	9.2	0.79	< 5
10/12/2009	< 5	< 5	3.6	9.2	0.79	< 5
1/18/2010	< 5	< 5	3.6	33	< 5	< 5
4/7/2010	< 5	< 5	< 5	23	< 5	< 5
7/13/2010	< 5	< 5	6.4	26	< 5	< 5
10/11/2010	< 5	< 5	8.1	33	< 5	< 5
1/12/2011	< 1	< 1	1.3	36	< 1	< 1
4/4/2011	< 1	< 1	1.1	22	< 1	< 1
7/26/2011	< 1	< 1	8.9	23	< 1	< 1
10/4/2011	< 1	< 1	3.9	21	< 1	< 1
1/12/2012	< 1	< 1	1.4	19	< 1	< 1
4/2/2012	< 1	< 1	< 1	17	< 1	< 1
7/5/2012	< 1	< 1	7.2	24	< 1	< 1
10/11/2012	< 1	< 1	2.1	20	0.49	< 1
1/21/2013	< 1	< 1	< 1	38	< 1	< 1

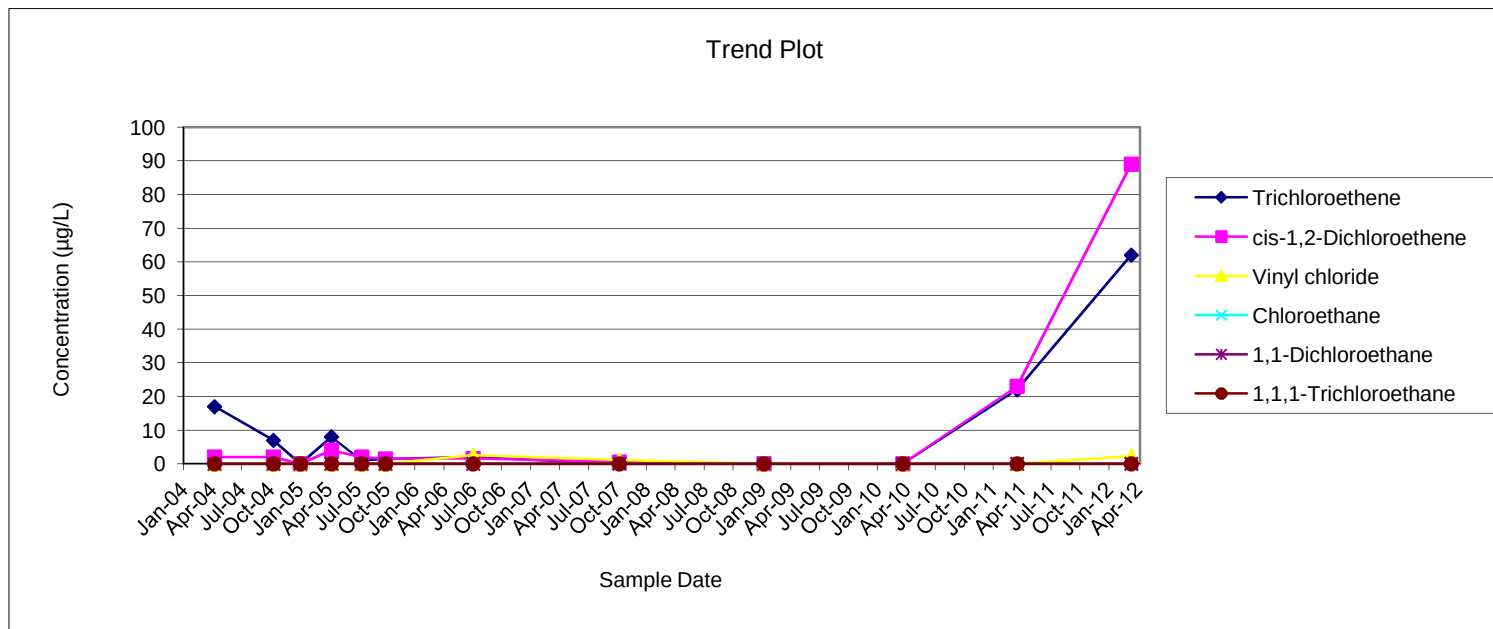
MONITORING WELL MW-12
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	17	2	< 10	< 10	< 10	< 10
10/12/2004	7	2	< 10	< 10	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/15/2005	8	4	< 10	< 10	< 10	< 10
7/20/2005	1	2	< 5	< 5	< 5	< 5
10/4/2005	1.4	1.5	< 5	< 5	< 5	< 5
7/10/2006	2	1.6	2.6	< 5	< 5	< 5
10/18/2007	<5	0.55	1.1	< 5	< 5	< 5
1/20/2009	<5	<5	<5	<5	<5	<5
4/7/2010	<5	<5	<5	<5	<5	<5
4/6/2011	22	23	<1	<1	<1	<1
4/3/2012	62	89	2.3	<1	<1	<1

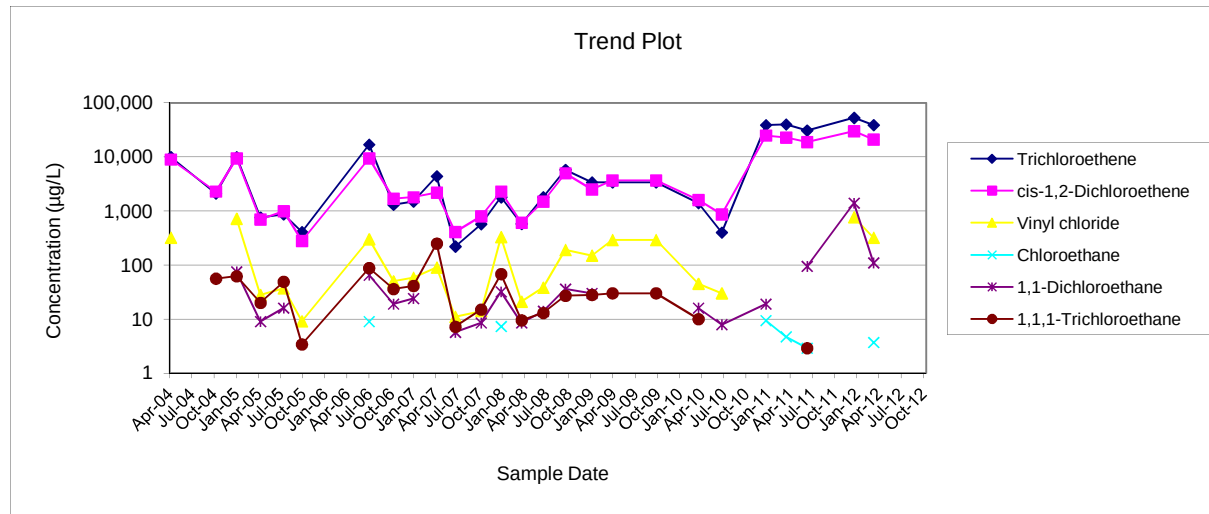
PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	10,000	9,000	320	< 100	< 100	< 100
10/12/2004	2,100	2,300	< 200	< 200	< 200	56
1/6/2005	10,000	9,400	720	< 200	75	62
4/15/2005	760	700	28	< 50	9	20
7/20/2005	870	990	37	< 40	16	49
10/4/2005	410	280	9.1	< 40	< 40	3.4
7/10/2006	17,000	9,400	300	9	65	88
10/19/2006	1,300	1,700	50	<100	19	36
1/10/2007	1,500	1,800	58	<100	24	41
4/17/2007	4,400	2,200	90	< 250	< 250	250
7/3/2007	220	410	11	< 25	5.7	7.2
10/18/2007	570	800	14	< 25	8.5	15
1/9/2008	1800	2300	330	7.3	32	68
4/3/2008	580	610	21	<50	8.5	9.5
7/2/2008	1,800	1,500	38	<120	14	13
10/2/2008	5,800	5,000	190	<120	36	27
1/20/2009	3,400	2,500	150	<10	30	28
4/15/2009	3,400	3,700	290	<40	<40	30
10/13/2009	3,400	3,700	290	<40	<40	30
4/7/2010	1,400	1,600	45	<50	16	10
7/13/2010	400	870	30	<50	7.9	<50
1/12/2011	39,000	25,000	<500	9.4	19	<1
4/6/2011	40,000	23,000	<800	4.7	<800	<800
7/2/2011	31,000	19,000	<800	2.9	95	2.9
1/13/2012	53,000	30,000	770	<800	1400	<800
4/3/2012	39,000	21,000	320	3.7	110	<1
10/12/2012	41,000	24,000	<800	<800	<800	<800

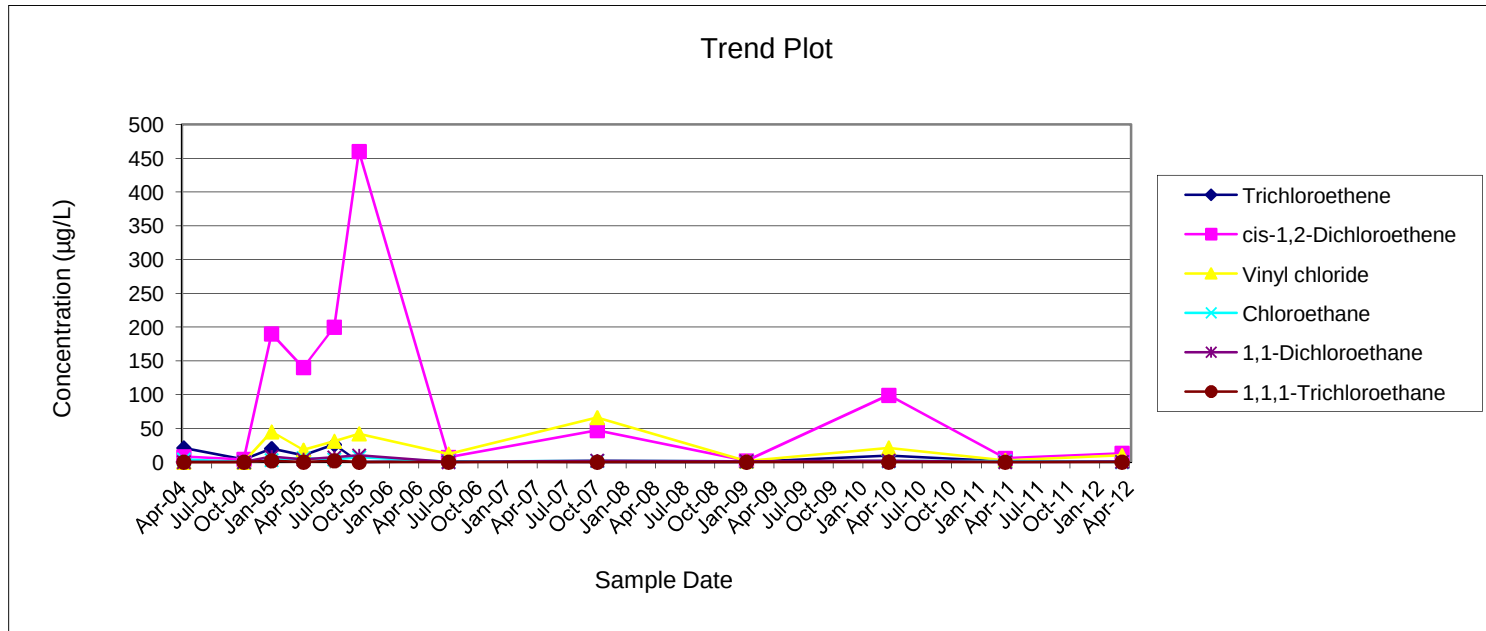
**PIEZOMETER MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



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	1,1,1,1-Tetrachloroethane
4/8/2004	21	8	< 10	4	< 10	< 10
10/12/2004	4	4	< 10	< 10	< 10	< 10
1/6/2005	20	190	45	3	8	2
4/15/2005	10	140	18	6	4	< 10
7/20/2005	26	200	31	4	7	2
10/5/2005	< 10	460	42	7.2	9.9	<10
7/10/2006	0.96	7.2	12	0.82	< 5	< 5
10/15/2007	< 5	47	66	1.8	2.2	< 5
1/21/2009	<5	2	1.4	0.91	1.3	<5
4/8/2010	9.4	99	21	1.5	2	<5
4/5/2011	0.97	5.6	2.6	1.5	<1	<1
4/2/2012	0.64	13	9.9	<1	0.44	<1

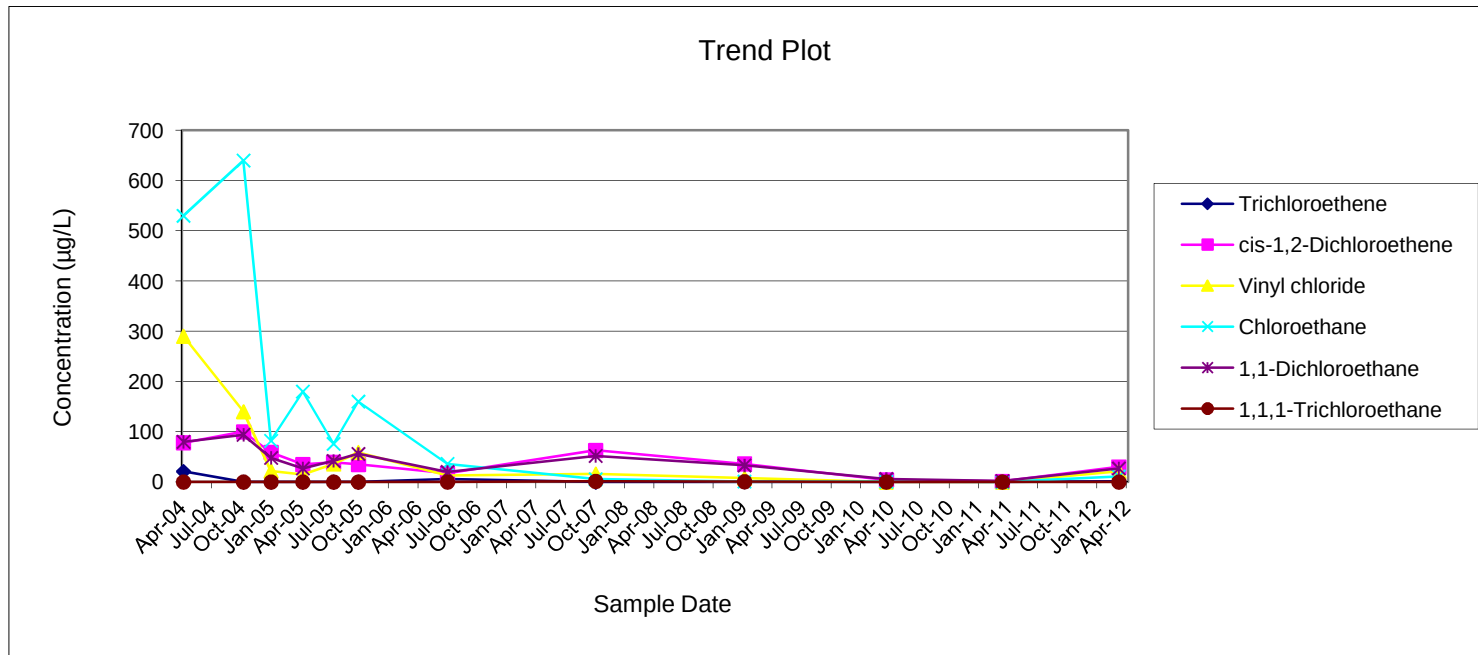
PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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	1,1,1,1-Tetrachloroethane
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
4/2/2012	1.3	30	21	11	27	<1

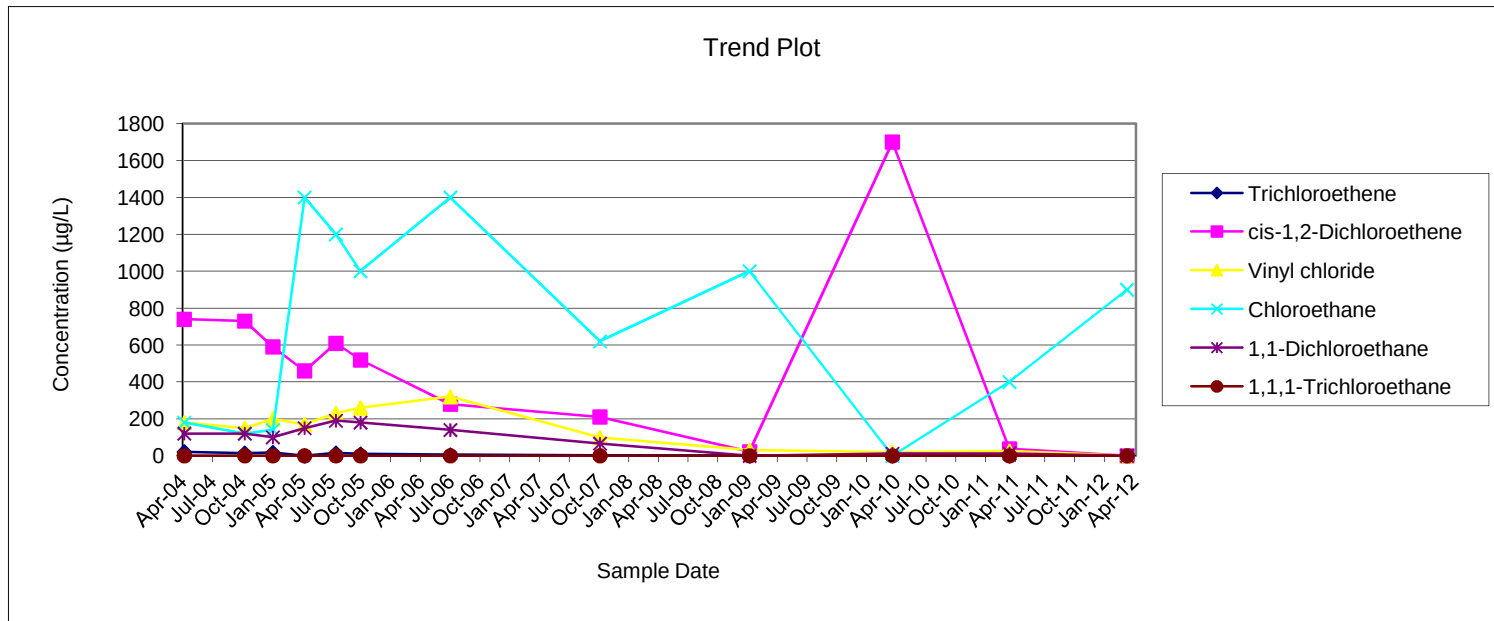
**PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



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	1,1,1,1-Tetrachloroethane
4/8/2004	21	740	180	180	120	< 10
10/12/2004	14	730	150	120	120	< 50
1/7/2005	18	590	200	140	100	< 50
4/15/2005	< 50	460	170	1,400	150	< 50
7/21/2005	15	610	230	1,200	190	< 25
10/5/2005	10	520	260	1,000	180	<50
7/10/2006	4.9	280	320	1,400	140	< 5
10/16/2007	3.6	210	99	620	66	< 5
1/21/2009	<25	22	32	1000	<25	<25
4/8/2010	<5	1700	19	<5	12	<5
4/5/2011	<8	38	26	400	13	<8
4/3/2012	<10	<10	<10	900	<10	<10

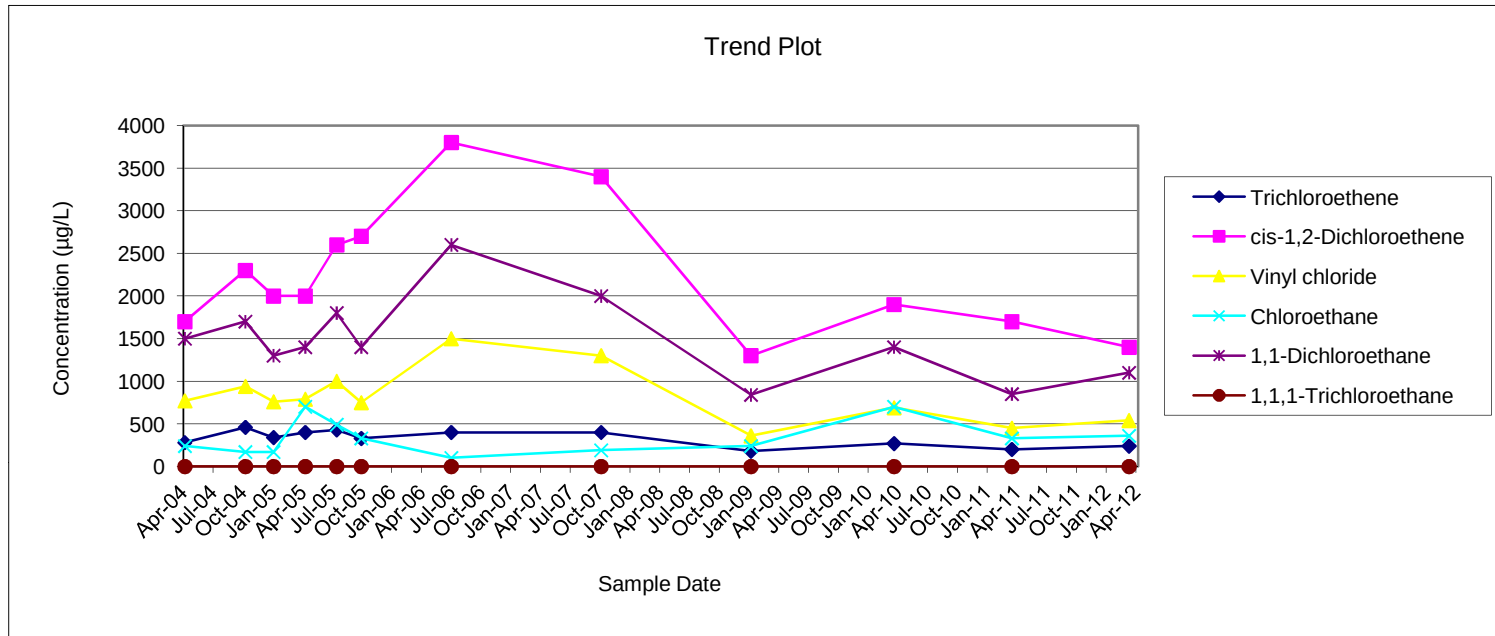
PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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	1,1,1,1-Tetrachloroethane
4/8/2004	280	1,700	770	240	1,500	< 250
10/12/2004	460	2,300	940	170	1,700	< 250
1/7/2005	340	2,000	760	170	1,300	< 250
4/15/2005	400	2,000	790	700	1,400	< 200
7/21/2005	430	2,600	1,000	490	1,800	< 120
10/5/2005	330	2,700	750	330	1,400	<100
7/10/2006	400	3,800	1,500	100	2,600	< 25
10/16/2007	400	3400	1300	190	2000	< 200
1/21/2009	180	1300	360	240	840	<5
4/8/2010	270	1900	690	700	1400	<10
4/7/2011	200	1700	450	330	850	<1
4/3/2012	240	1400	540	360	1100	<1

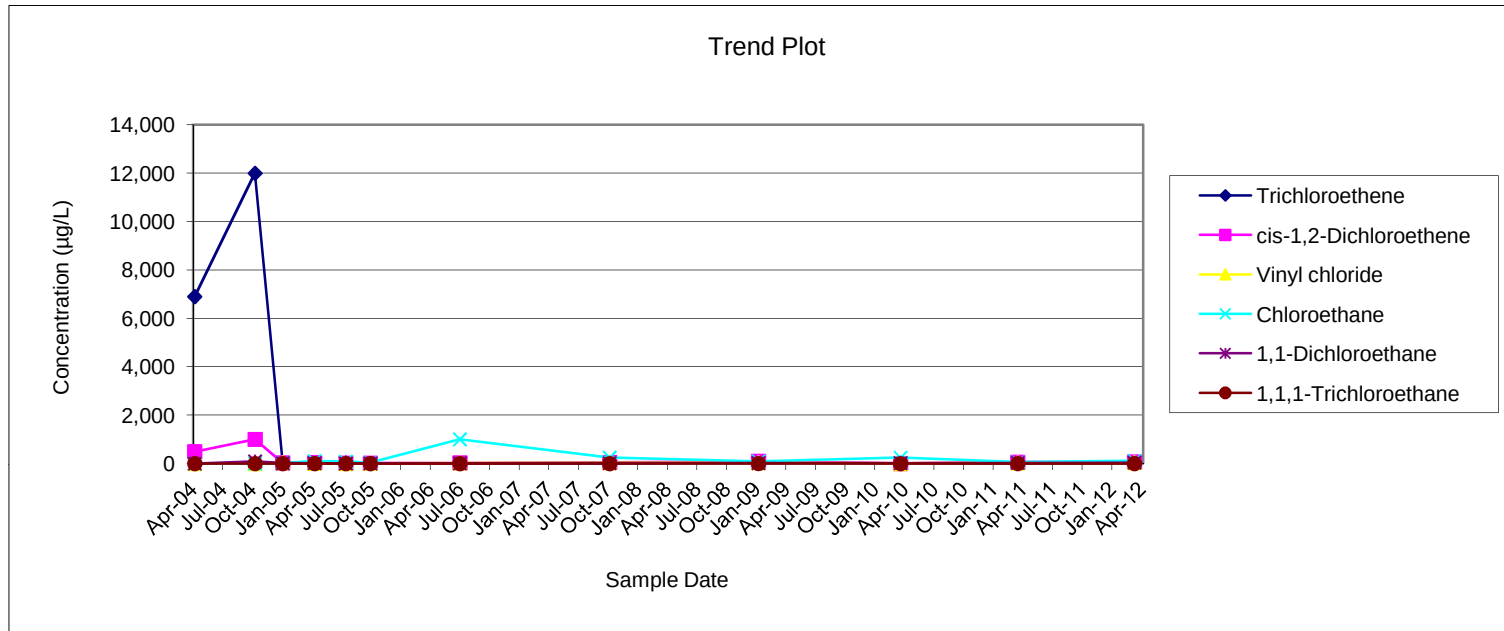
PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-16D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	6,900	490	< 500	< 500	< 500	< 500
10/12/2004	12,000	1,000	< 500	< 500	91	< 500
1/6/2005	9	27	39	22	15	< 10
4/15/2005	32	36	17	100	10	< 10
7/21/2005	25	12	4	84	2	< 10
10/5/2005	1.3	16	10	41	5	<5
7/10/2006	6.1	27	21	1,000	9.7	< 5
10/18/2007	6	48	39	250	16	< 20
1/22/2009	52	92	39	90	21	1.9
4/8/2010	12	6.9	3.6	240	8.7	< 10
4/7/2011	22	59	33	59	27	1.2
4/3/2012	42	66	46	110	35	<1

PIEZOMETER MW-16D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-16S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	860,000	62,000	< 20,000	< 20,000	5,000	14,000
10/12/2004	200,000	46,000	< 10,000	< 10,000	2,900	< 10,000
1/7/2005	420,000	64,000	< 10,000	< 10,000	3,800	3,300
4/15/2005	400,000	71,000	< 25,000	< 25,000	< 25,000	< 25,000
7/21/2005	480,000	76,000	1,500	2,200	4,400	2,700
10/5/2005	440,000	74,000	< 25,000	< 25,000	4,100	< 25,000
1/6/2006	470,000	82,000	2,600	< 20,000	3,300	5,200
4/14/2006	260,000	56,000	3,900	< 20,000	2,600	< 20,000
7/10/2006	310,000	78,000	4,000	< 20,000	3,500	< 20,000
10/19/2006	77,000	22,000	1,300	< 5,000	940	< 5,000
1/10/2007	44,000	18,000	1,900	< 2,500	840	< 2,500
4/17/2007	94,000	36,000	3,300	1,800	1,500	< 5,000
7/3/2007	86,000	38,000	3,000	< 5,000	1,400	< 5,000
10/18/2007	130000	47000	2800	2600	1600	820
1/8/2008	67000	30000	3200	< 5000	1100	< 5000
4/3/2008	76,000	35,000	2,900	710	1,300	500
7/2/2008	58,000	26,000	2,400	570	830	<5000
10/2/2008	63,000	26,000	3,100	690	920	<5000
1/22/2009	92,000	51,000	4,200	730	1,800	490
4/15/2009	130,000	61,000	4,200	<2000	1,800	900
7/22/2009	87,000	45,000	3,000	650	1,500	740
1/19/2010	22,000	18,000	2,600	1,100	670	340
4/8/2010	220,000	99,000	6,800	1,100	3,000	2,000
10/11/2010	300,000	90,000	6,300	<20,000	3,100	5,000
4/7/2011	250,000	74,000	7,100	<4,000	<4,000	5,600
10/4/2011	190,000	67,000	3,700	<800	1,400	4,600
4/3/2012	250,000	84,000	8,400	960	1,700	4,900
7/6/2012	170,000	72,000	3,900	<2000	1,200	2,400
1/21/2013	240,000	79,000	9,300	2,900	2,200	7,200

**PIEZOMETER MW-16S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

