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August 31, 2011

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

**Subject: Third Quarter 2011 Groundwater Monitoring Report
July 2011 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 Third Quarter 2011 Groundwater Monitoring Report for the former Scott Aviation Facility (site) located in Lancaster, New York (**Figure 1**). Quarterly groundwater monitoring activities have been performed in accordance with the New York State Department of Environmental Conservation (NYSDEC), Administrative Order on Consent (AOC), Index No. B9-0377095-05, for the former Scott Aviation property (formerly Figgie International), NYSDEC Site Code No. 9-15-149. This report has been developed in accordance with the NYSDEC, Division of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.

Groundwater samples were collected from select monitoring wells in fulfillment of the site AOC groundwater monitoring requirements. A new monitoring schedule was implemented based on Table 10 presented in the Periodic Review Report (PRR) (April 8, 2010 through April 7, 2011), dated June 2011, and the wells sampled during this groundwater event reflected this new schedule. As a result of the ongoing chemical oxidization injection pilot test, NYSDEC approved a request by O&M, Inc. in a letter to Tyco Fire Protection (Tyco) dated May 27, 2011 to temporarily turn off the combined remediation system in an effort to maximize contact time of the injection chemicals and contaminants. Therefore, no vapor samples were collected as part of the July 2011 sampling event from the remediation system's air discharge sampling ports. In addition, no Erie County/Buffalo Pollution Discharge Elimination System (EC/BPDES) compliance sampling was performed (refer to Third Quarter 2011 Discharge Monitoring Report dated August 26, 2011). Included in this report are a description of the project background, groundwater monitoring activities, operation and maintenance (O&M) activities for the Dual Phase Extraction (DPE) remediation system, and a summary of groundwater quality results.

Project Background

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

AECOM conducted a site investigation during February 2003 in fulfillment of the document "Site Investigation Work Plan," dated December 31, 2002 (NYSDEC approval dated January 15, 2003). A comprehensive Site Investigation Completion Report (SICR) was submitted to NYSDEC on June 30, 2003; the report was approved by NYSDEC in August 2003. At the request of NYSDEC, AECOM prepared a Remedial Design Work Plan (RDWP) to complete the additional remedial work recommended in the SICR. The RDWP was submitted on November 21, 2003, and it was approved by NYSDEC on January 5, 2004.

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

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

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

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

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

The second year of DPE groundwater remediation system operation was summarized in the 2006 RAER (July 20, 2005 through July 20, 2006) and was submitted to the NYSDEC in November 2006. The third year of DPE groundwater remediation system operation was summarized in the 2007 RAER (July 21, 2006 through October 15, 2007) and was submitted to the NYSDEC in January 2007. The fourth year of DPE groundwater remediation system operation was summarized in the

2008 RAER (October 15, 2007 through January 22, 2009) and was submitted to the NYSDEC in April 2009. The fifth year of DPE groundwater remediation system operation was summarized in the 2009 RAER (January 22, 2009 through April 8, 2010) and was submitted to the NYSDEC in June 2010.

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

Quarterly Groundwater Monitoring Activities – July 2011

AECOM personnel collected quarterly groundwater samples on July 25-26, 2011, in accordance with the procedures outlined in the NYSDEC-approved RDWP. Monitoring wells sampled in July 2011 included MW-2, MW-3, MW-6, MW-8R, MW-10, MW-11, MW-12, and MW-13S (**Figure 2**). Field forms generated during this sampling event are provided in **Appendix A**. Groundwater samples were analyzed for VOCs by Test America Laboratories, Inc. (Amherst, New York) using United States Environmental Protection Agency (EPA) SW-846 Method 8260B.

Prior to the collection of groundwater samples, a complete round of groundwater levels were measured in all site wells and piezometers. **Table 2** provides a summary of groundwater elevations measured on July 25, 2011. 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.

Groundwater elevations measured on July 25, 2011 ranged from 682.36 feet above mean sea level (AMSL) at MW-6 to 685.60 feet AMSL at MW-2. The average groundwater surface elevation across the site was 7.4 feet higher as compared to the prior round of groundwater measurements collected on April 4, 2011. It appears that localized groundwater flow has been reestablished toward the west as a result of the DPE and GWCT systems being temporarily shut down to facilitate the chemical oxidation injection pilot test (refer to **Figure 4**). However, it also appears that VOC concentrations in down-gradient perimeter wells (i.e., MW-3, MW-6, MW-10, and MW-12) have not increased in concentration due to the low permeability of overburden silts and clays. The following section presents the chemical data for the current sampling event. .

Groundwater Quality Results – July 2011

Table 3 summarizes VOC data for groundwater samples collected in July 2011. 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
July 2011**

VOCs Detected in Groundwater	Concentration Range (µg/L)	Number of Detections	Remedial Action Objective/NYCRR Exceedances
Chloroethane	1.5 - 80	6	3
1,1-Dichloroethane	1.8 - 510	4	3
cis-1,2-Dichloroethene	0.98 – 26,000	4	3
Vinyl chloride	8.9 - 21	3	3
Trichloroethene	31,000 – 36,000	2	2
Benzene	0.5 – 1.6	3	1
1,1,2-Trichloroethane	0.5 - 27	2	1
Toluene	1.9 - 14	2	1
1,1-Dichloroethene	1.7 - 56	2	1
1,2-Dichloroethane	0.45 – 9.3	2	1
Chloromethane	1.5 - 80	1	1
Tetrachloroethene	5.3	1	1
trans-1,2-Dichloroethene	1,400	1	1
1,1,1-Trichloroethane	1.2 – 2.9	3	0
Methylene Chloride	0.65 – 2.5	2	0
Acetone	15	1	0
Chloroform	0.77	1	0
1,1,2,2-Tetrachloroethane	0.44	1	0

Eighteen VOCs were detected in groundwater above their associated detection limit during the monitoring period. Thirteen of the eighteen VOCs detected exceeded either the site-specific RAOs for groundwater or the NYCRR criteria. The most prevalent compounds detected in groundwater in July 2011 included chloroethane, benzene, 1,1,1-trichloroethane (1,1,1-TCA), vinyl chloride (VC), cis-1,2-dichloroethene (cis-1,2-DCE), and 1,1-dichloroethane (1,1-DCA). The occurrence of these compounds is primarily in the vicinity of the former on-site source area, and VOC concentrations decrease significantly in the vicinity of the perimeter monitoring wells.

An electronic copy of the analytical laboratory data package for the July 2011 groundwater monitoring event is provided in **Appendix C**. A complete hard copy of the analytical data report is on file in AECOM's Amherst, New York office, and it can be made available to NYSDEC upon request.

The presence and distribution of TCE daughter products (cis-1,2-DCE and VC) and 1,1,1-TCA daughter products (1,1-DCA and chloroethane) provides supportive evidence that the attenuation of TCE and 1,1,1-TCA and its daughter products, via reductive dechlorination, continues to occur at the site naturally and potentially as a result of the chemical oxidation injection pilot test. The

occurrence of these daughter products appears to be directly related to the distribution of TCE and 1,1,1-TCA in the subsurface.

Historical trend plots for the wells sampled this quarter illustrating 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, 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 July 2011 is included in **Table 4**. Recall that the DPE component of the combined remediation system was started on May 14, 2004.

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 also shows the percent reduction in TCE concentrations between the baseline sampling event and the July 2011 monitoring event for each of the monitoring wells sampled. Overall, decreases in TCE concentrations observed since the combined DPE groundwater remediation system was installed in May 2004 indicates the system continues to reduce VOC concentrations in perched groundwater and soil at the site. In addition, the chemical oxidation injection pilot test may have also contributed to decreases in TCE concentrations observed since the last groundwater sampling event.

Quarterly Combined DPE Remediation System Vapor Effluent Monitoring Activities – July 2011

The combined DPE groundwater remediation system (DPE and GWCT) was temporarily shut down for the chemical oxidation injection pilot test; therefore, no vapor effluent samples were collected from the combined DPE groundwater remediation system vapor discharge stacks in July 2011.

Dual Phase Extraction System Operation and Maintenance

As stated above, the combined DPE groundwater remediation system was temporarily shut down immediately following the second quarter groundwater sampling event in April 2011 for the chemical oxidation injection pilot test. As a result, no O&M activities were required on the remediation system during the monitoring period with the exception of the following:

- On July 26, 2011, Heritage Environmental Services transported and disposed one 55-gallon drum containing sediment, bag filters, and miscellaneous debris. This hazardous material (F002 waste code) was generated during O&M activities conducted at the site between January 2011 and July 2011.

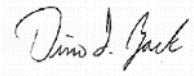
Summary

The combined DPE remediation system was temporarily shut down on April 7, 2011 and throughout the Third Quarter 2011 groundwater sampling and monitoring activities that occurred on July 25 and

26, 2011. 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. The remediation systems are scheduled to be turned back on in early October 2011 prior to the next quarterly monitoring event.

The next quarterly monitoring event is scheduled for October 2011, and a list of the monitoring wells and piezometers to be sampled is included in **Table 1**. If you have any questions regarding this submission, please do not hesitate to contact me at (716) 836-4506 or via e-mail at dino.zack@aecom.com.

Yours sincerely

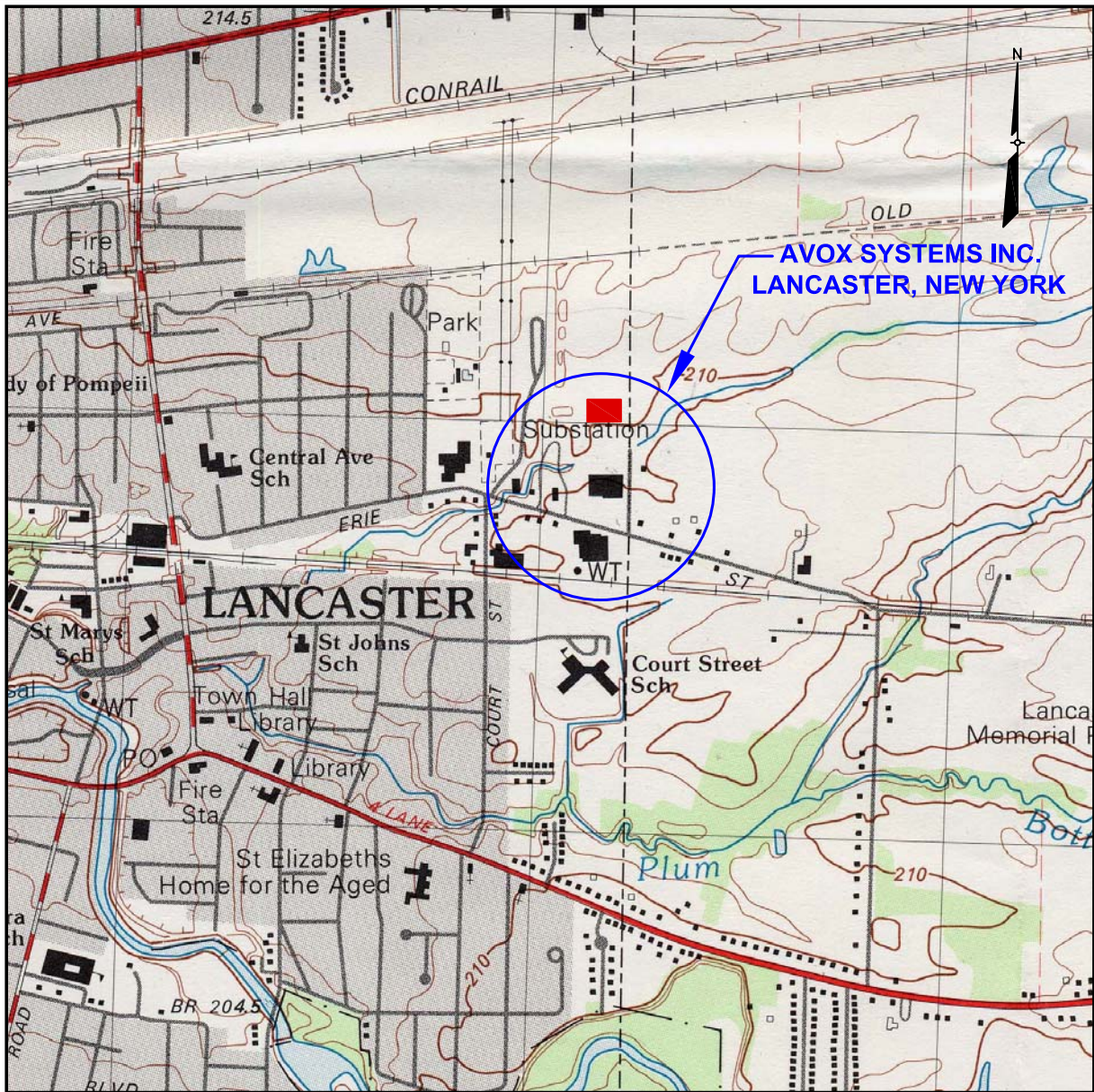


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\Enclosures

cc: Deanna Ripstein, NYSDOH – Western Regional Office (Electronic Copy)
Robert Biondo, AVOX Systems Inc. (Electronic Copy)
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AECOM Project File (Hard Copy)

FIGURES



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

LEGEND

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

0 1000 2000
SCALE IN FEET

AECOM

**FIGURE 1
SITE LOCATION MAP**

FORMER SCOTT AVIATION FACILITY AREA 1
LANCASTER, NEW YORK

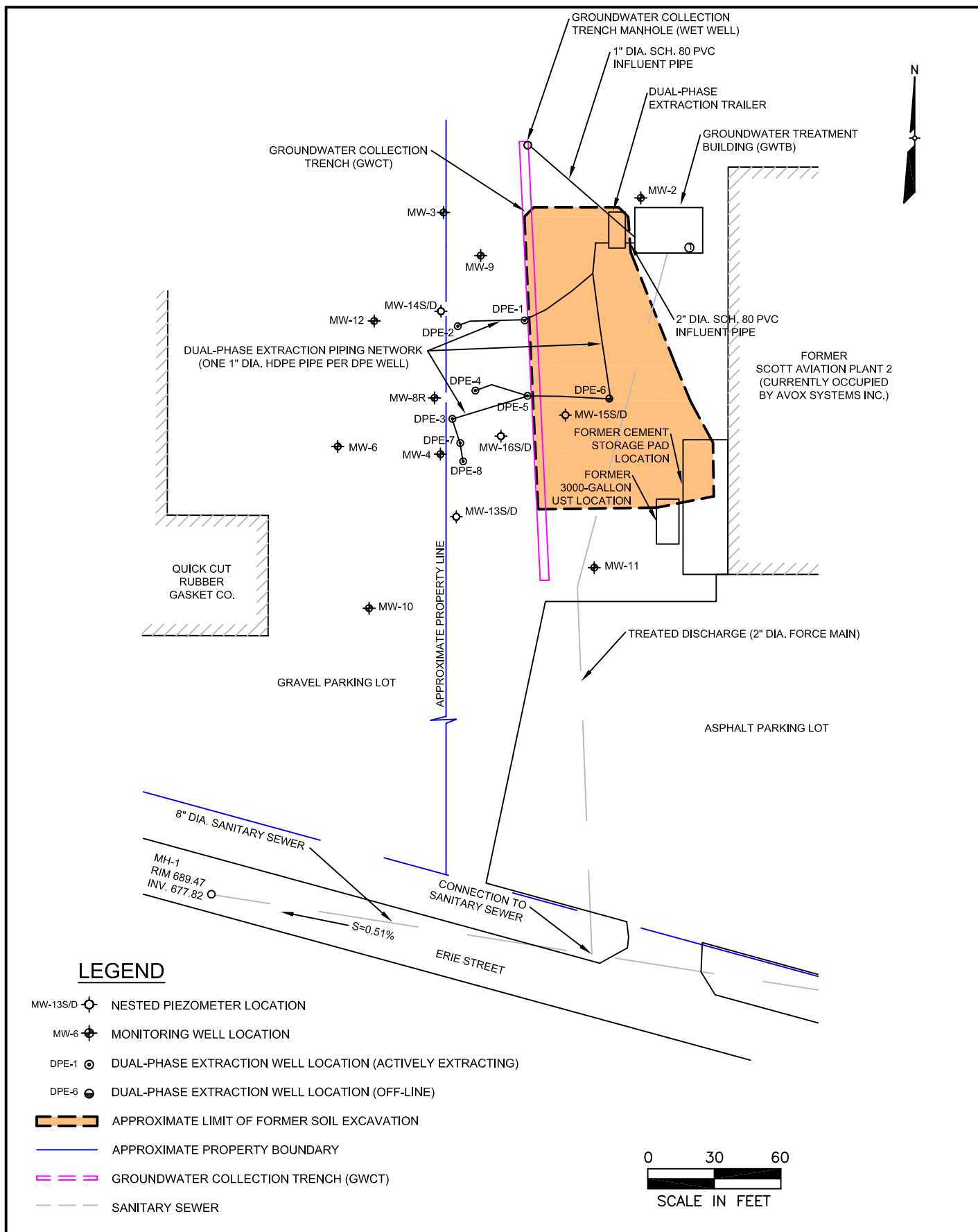
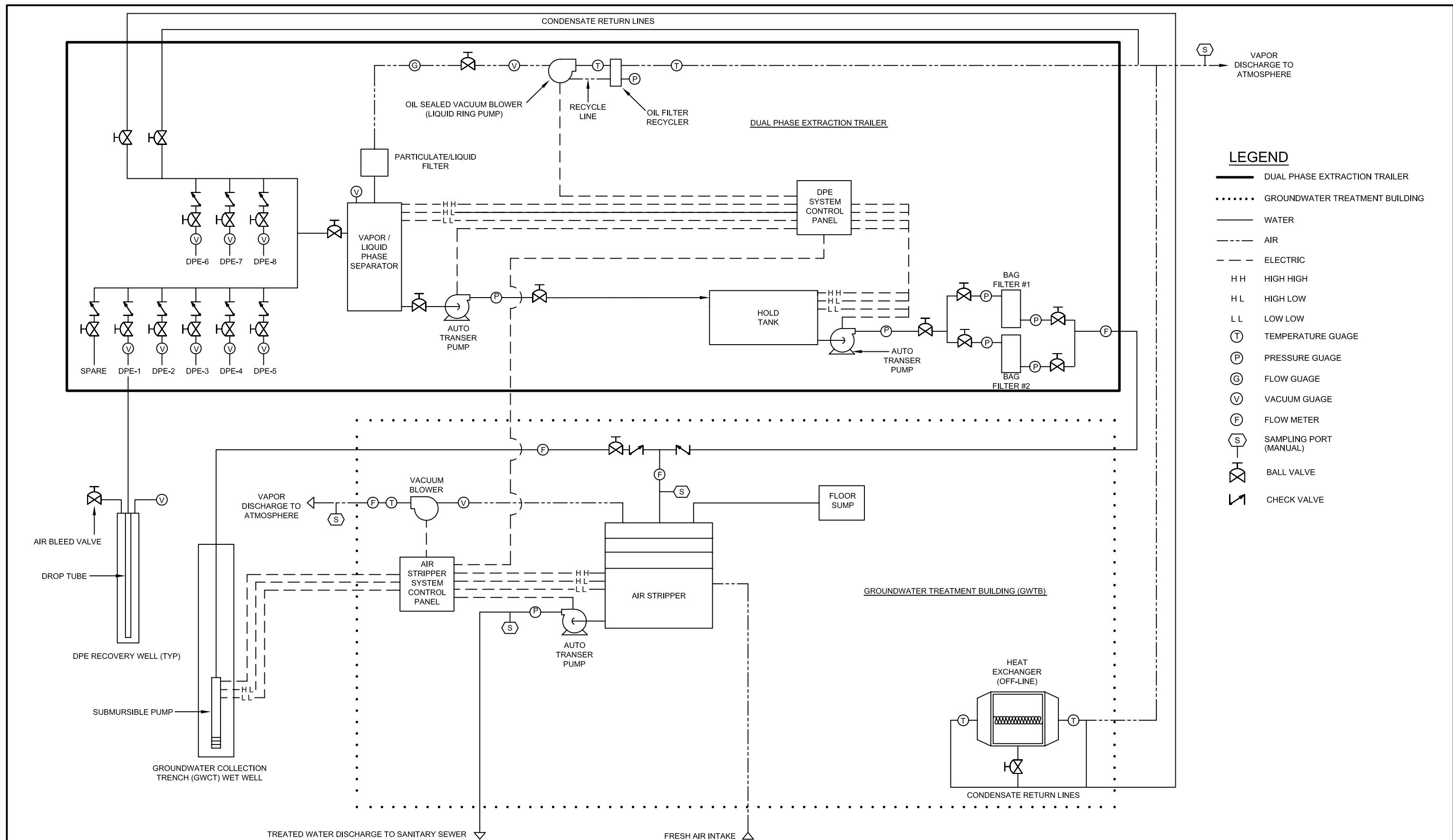


FIGURE 2
SITE FEATURES MAP

FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



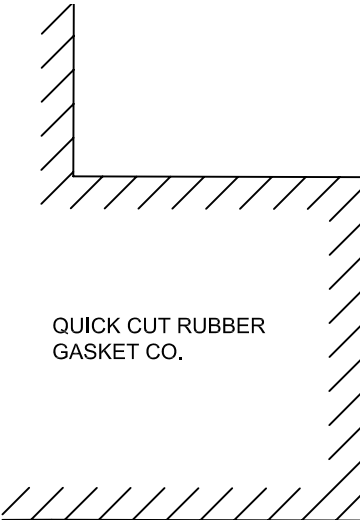
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FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM
FOR COMBINED DUAL PHASE EXTRACTION
REMEDIATION SYSTEM
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

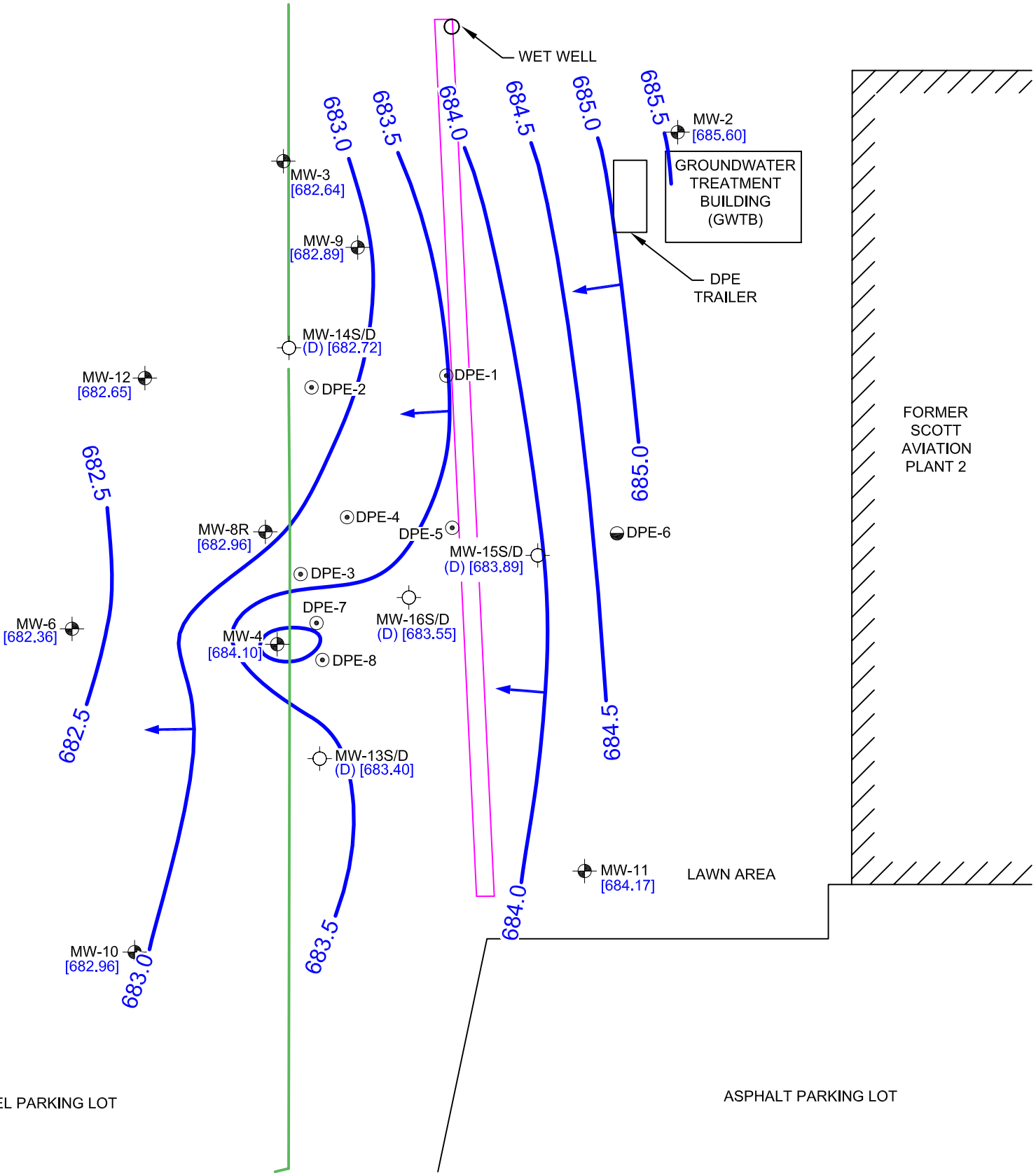
Quarterly Groundwater Monitoring Water Level Data - July 25, 2011
Former Scott Aviation Facility
Lancaster, New York

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	4.75	685.60
MW-3	687.02	4.38	682.64
MW-4	686.42	2.32	684.10
MW-6	686.53	4.17	682.36
MW-8R	686.21	3.25	682.96
MW-9	688.64	5.75	682.89
MW-10	687.41	4.45	682.96
MW-11	688.65	4.48	684.17
MW-12	686.15	3.50	682.65
Nested Piezometers			
MW-13S	686.60	2.55	684.05
MW-13D	686.73	3.33	683.40
MW-14S	685.70	2.59	683.11
MW-14D	685.82	3.10	682.72
MW-15S	687.52	2.51	685.01
MW-15D	687.62	3.73	683.89
MW-16S	685.84	1.45	684.39
MW-16D	686.01	2.46	683.55

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
NA - Not available
The stickups at MW-16S and MW-16D were removed as a result of water in the protective casing freezing and crushing the stickups.



GRAVEL PARKING LOT



LEGEND

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

NOTES

- GROUNDWATER ELEVATIONS FROM THE DEEP PIEZOMETER PAIR LOCATIONS (i.e., MW-13D, MW-14D, MW-15D, MW-16D) WERE USED TO CREATE THE GROUNDWATER SURFACE CONTOURS.
- GROUNDWATER LEVELS WERE COLLECTED ON JULY 25, 2011.



FIGURE 4
GROUNDWATER SURFACE CONTOUR MAP
JULY 2011
DEEP OVERBURDEN GROUNDWATER LEVELS
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

TABLES

Table 1

**Groundwater Monitoring Schedule - October 2011 through July 2012
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			
October 2011 (Quarterly)	8	MW-2 MW-10	MW-3 MW-11	MW-4 MW-12	MW-6 MW-16S
January 2012 (Quarterly)	8	MW-2 MW-10	MW-3 MW-11	MW-6 MW-12	MW-8R MW-13S
April 2012 (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 2012 (Quarterly)	8	MW-2 MW-10	MW-3 MW-11	MW-4 MW-12	MW-6 MW-16S

Table 2

**Quarterly Groundwater Monitoring Water Level Data - July 25, 2011
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	4.75	685.60
MW-3	687.02	4.38	682.64
MW-4	686.42	2.32	684.10
MW-6	686.53	4.17	682.36
MW-8R	686.21	3.25	682.96
MW-9	688.64	5.75	682.89
MW-10	687.41	4.45	682.96
MW-11	688.65	4.48	684.17
MW-12	686.15	3.50	682.65
Nested Piezometers			
MW-13S	686.60	2.55	684.05
MW-13D	686.73	3.33	683.40
MW-14S	685.70	2.59	683.11
MW-14D	685.82	3.10	682.72
MW-15S	687.52	2.51	685.01
MW-15D	687.62	3.73	683.89
MW-16S	685.84	1.45	684.39
MW-16D	686.01	2.46	683.55

Notes:

TOC - Top of Casing

AMSL - Above Mean Sea Level

NA - Not available

The stickups at MW-16S and MW-16D were removed as a result of water in the protective casing freezing and crushing the stickups.

Table 3

**Summary of Laboratory Analytical Data for Groundwater
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 07/25/11 480-814-4	MW-3 07/26/11 480-814-5	MW-6 07/26/11 480-814-6	MW-8R 07/26/11 480-814-7
Volatile Organic Compounds by Method 8260 (µg/L)					
1,1,2,2-Tetrachloroethane	5	< 1 U	< 1 U	< 1 U	<800 DU
1,1,1-Trichloroethane	5	< 1 U	< 1 U	< 1 U	1.2
1,1,2-Trichloroethane	1	< 1 U	< 1 U	< 1 U	27
1,1-Dichloroethane	5	< 1 U	1.8	< 1 U	510 DJ
1,1-Dichloroethene	5	< 1 U	< 1.0 U	< 1 U	56
1,2-Dichloroethane	0.6	< 1 U	< 1 U	< 1 U	9.3
Acetone	50	< 1 U	< 10 U	< 1 U	15
Benzene	1	0.5 J	< 1 U	< 1 U	1.6
Carbon disulfide	60	< 1 U	< 1 U	< 1 U	< 800 DU
Chloroethane	5	4.5	1.5	< 1 U	80
Chloroform	7	< 1 U	< 1 U	< 1 U	0.77 J
Chloromethane	5	< 1 U	< 1 U	< 1 U	8.3
cis-1,2-Dichloroethene	5	< 1 U	0.98 J	< 1 U	26,000 D
Methylene Chloride	5	< 1 U	< 1 U	< 1 U	2.5
Tetrachloroethene	5	< 1 U	< 1 U	< 1 U	5.3
Toluene	5	< 1 U	< 1 U	< 1 U	14
trans-1,2-Dichloroethene	5	< 1 U	< 1 U	< 1 U	1,400
Trichloroethene	5	< 1 U	< 1 U	< 1 U	36,000 D
Vinyl chloride	2	< 1 U	9.1	< 1 U	<800 DU

Sample ID Date Collected Lab Sample ID	Groundwater RAO/ NYCRR Objectives	MW-10 07/26/11 480-814-1	MW-11 07/25/11 480-814-2	MW-12 07/26/11 480-814-2	MW-13S 07/26/11 480-814-3
Volatile Organic Compounds by Method 8260 (µg/L)					
1,1,2,2-Tetrachloroethane	5	< 1 U	< 1 U	< 1 U	0.44 J
1,1,1-Trichloroethane	5	< 1 U	1.5	< 1 U	2.9
1,1,2-Trichloroethane	1	< 1 U	< 1 U	< 1 U	0.5 J
1,1-Dichloroethane	5	< 1 U	13	< 1 U	95
1,1-Dichloroethene	5	< 1 U	1.7	< 1 U	< 800 DU
1,2-Dichloroethane	0.6	< 1 U	< 1 U	< 1 U	0.45 J
Acetone	50	< 1 U	< 1 U	< 1 U	< 1 U
Benzene	1	< 1 U	< 1 U	< 1 U	0.68 J
Carbon disulfide	60	< 1 U	< 1 U	< 1 U	1.1
Chloroethane	5	< 1 U	9.5	23	2.9
Chloroform	7	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	5	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	5	< 1 U	45	< 1 U	19,000
Methylene Chloride	5	< 1 U	< 1 U	< 1 U	0.65 J
Tetrachloroethene	5	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	5	< 1 U	< 1 U	< 1 U	1.9
trans-1,2-Dichloroethene	5	< 1 U	< 1 U	< 1 U	< 800 DU
Trichloroethene	5	< 1 U	< 1 U	< 1 U	31,000
Vinyl chloride	2	< 1 U	21	8.9	< 800 DU

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

D - Indicates sample was diluted due to high concentrations of target analyte(s)

J - Indicates an estimated value

NC - Indicates no criteria has been established for this compound

Table 4

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

Well ID	TCE Concentration (µg/L)															
	Apr 2003 ¹	Apr 2004 ²	Oct 2004 ^{3,4}	Jan 2005 ⁴	Apr 2005 ^{4,5}	Jul 2005 ⁴	Oct 2005 ⁴	Jan 2006 ⁴	Apr 2006 ⁴	Jul 2006 ⁴	Oct 2006 ⁴	Jan 2007 ⁴	Apr 2007 ⁴	Jul 2007 ⁴	Oct 2007 ⁴	Jan 2008 ⁴
MW-2	<1	NA	NA	NA	<10	NA	NA	<25	<25	<25	<5	<5	<20	<5	<5	<5
MW-3	<1	NA	NA	NA	<10	NA	NA	<25	<25	<25	<5	<5	<20	<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
MW-6	<1	NA	<10	<10	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.63	<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
MW-10	<1	NA	NA	NA	<10	NA	NA	<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
MW-12	NA	NA	13	<10	<10	<5	<5	<25	<25	<25	NA	<5	<20	<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
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

Notes:

NA - Not Analyzed

ND - Not Detected

NS - Not sampled

DPE Remediation System started on May 14, 2004.

¹ - Considered baseline sampling event for MW-2, MW-3, MW-6, and MW-10.² - Considered baseline sampling event for MW-13S and MW-16S.³ - Considered baseline sampling event for MW-4, MW-8R, and MW-12.⁴ - DPE system operational.⁵ - Considered baseline sampling event for MW-11 (TCE = 10 µg/L).⁶ - TCE concentration appears to be an anomaly; sample was re-analyzed at 330 µg/L.⁷ - DPE system off-line.

Table 4

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

Well ID	TCE Concentration (µg/L)														TCE Reduction - Previous Sampling	TCE Reduction - Baseline Sampling
	Apr 2008 ⁴	Jul 2008 ⁴	Oct 2008 ⁴	Jan 2009 ⁴	Apr 2009 ⁴	Jul 2009 ⁴	Oct 2009 ⁴	Jan 2010 ⁴	Apr 2010 ⁴	Jul 2010 ⁴	Oct 2010	Jan 2011	Apr 2011	Jul 2011 ⁷		
MW-2	<5	<5	<5	<5	<5	<5	<5	<25	<25	<25	350 ⁶	<1	<1	<1	ND	ND
MW-3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	ND	ND
MW-4	5,800	500	6,300	19,000	4,100	2,300	NS	7,400	3,000	NS	7,800	NS	13,000	NS	NS	NS
MW-6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	ND	ND
MW-8R	12,000	7,400	22,000	8,400	13,000	NS	1,400	NS	2,500	19,000	NS	99,000	89,000	36,000	60%	Increase
MW-10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	ND	ND
MW- 11	0.49	1	0.81	0.77	0.95	0.69	0.97	0.77	0.95	1	0.8	NS	1.2	<1	ND	ND
MW-12	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	ND	ND
MW-13S	580	1,800	5,800	3,400	3,400	NS	400	NS	1,400	400	NS	39,000	40,000	31,000	23%	Increase
MW-16S	76,000	58,000	63,000	92,000	130,000	87,000	NS	22,000	220,000	NS	300,000	NS	250,000	NS	NS	NS

Notes:

NA - Not Analyzed

ND - Not Detected

NS - Not sampled

DPE Remediation System started on May 14, 2004.

¹ - Considered baseline sampling event for MW-2, MW-3, MW-6, and MW-10.² - Considered baseline sampling event for MW-13S and MW-16S.³ - Considered baseline sampling event for MW-4, MW-8R, and MW-12.⁴ - DPE system operational.⁵ - Considered baseline sampling event for MW-11 (TCE = 10 µg/L).⁶ - TCE concentration appears to be an anomaly; sample was re-analyzed at 330 µg/L.⁷ - DPE system off-line.



APPENDIX A

Field Forms

COMMENTS/OBSERVATIONS Start purging at 14:40. Set tubing at center of well screen. Samples collected at 15:20.



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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

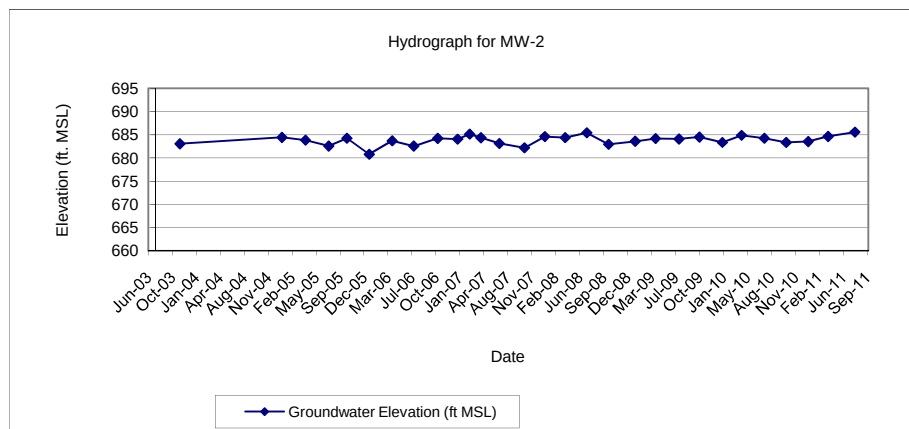
TOC - top of PVC casing

TOC Elevation - 690.35

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 690.35



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

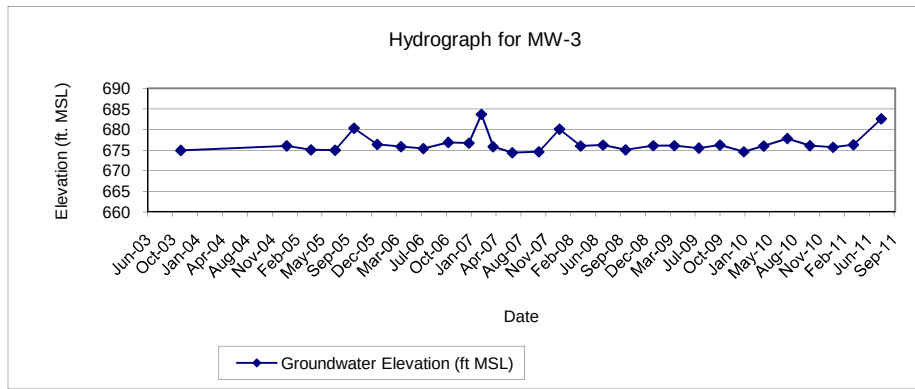
TOC - top of PVC casing

TOC Elevation - 687.72

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 687.02



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

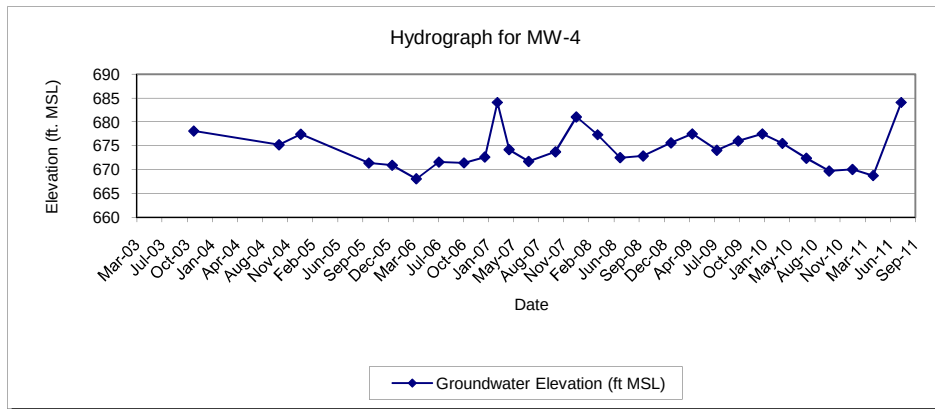
TOC - top of PVC casing

TOC Elevation - 686.64

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 686.42



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

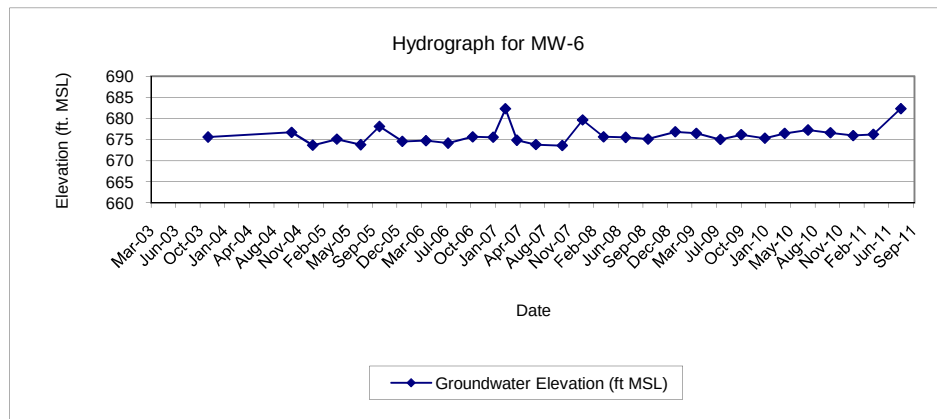
TOC - top of PVC casing

TOC Elevation - 686.68

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 686.53



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

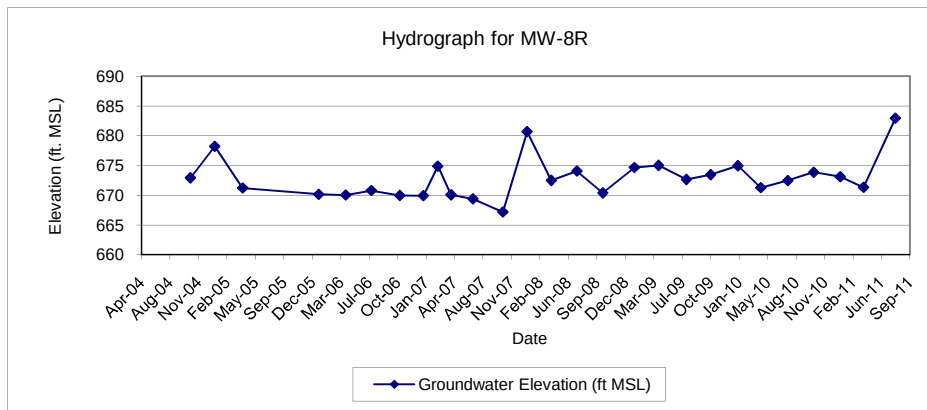
TOC - top of PVC casing

TOC Elevation - 685.67

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 686.21



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

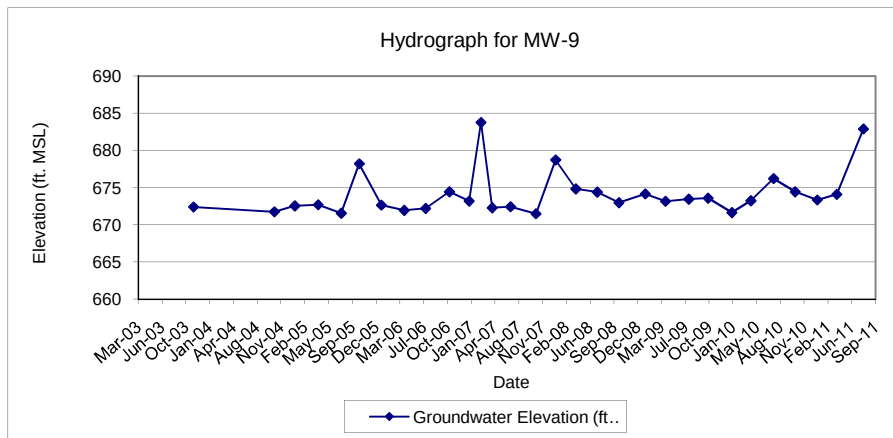
TOC - top of PVC casing

TOC Elevation - 685.43

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 688.64



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

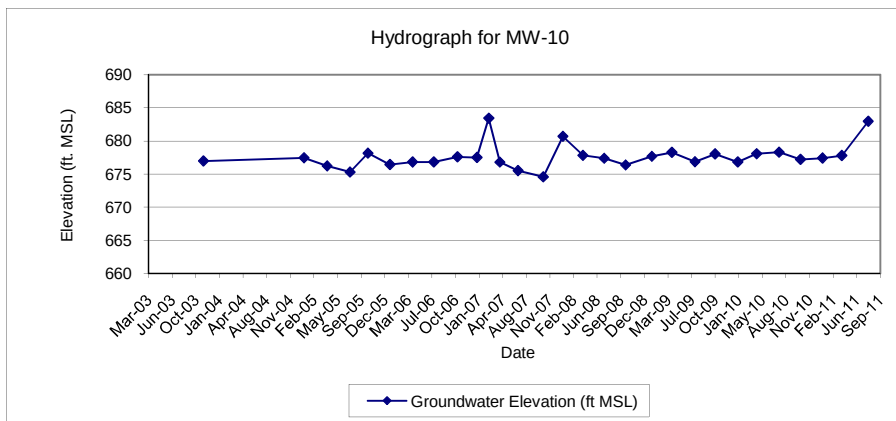
TOC - top of PVC casing

TOC Elevation - 687.72

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 687.41



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	15.59	FALSE
4/14/2005	11.59	677.02
7/20/2005	17.34	671.27
10/4/2005	10.45	678.16
1/5/2006	16.58	672.03
4/11/2006	13.52	675.09
7/10/2006	13.75	674.86
10/18/2006	14.35	674.26
1/9/2007	15.26	673.35
2/28/2007	6.34	682.27
4/16/2007	11.55	677.06
7/2/2007	17.30	671.31
10/16/2007	17.69	670.92
1/8/2008	11.73	676.88
4/2/2008	14.78	673.83
7/1/2008	13.91	674.74
9/30/2008	15.25	673.40
1/19/2009	13.45	675.20
4/14/2009	13.50	675.15
7/21/2009	14.51	674.14
10/14/2009	13.85	674.8
1/18/2010	16.38	672.27
4/8/2010	13.90	674.75
7/12/2010	12.60	676.05
10/11/2010	14.80	673.85
1/12/2011	NA	NA
4/4/2011	14.52	674.09
7/25/2011	4.48	684.13

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

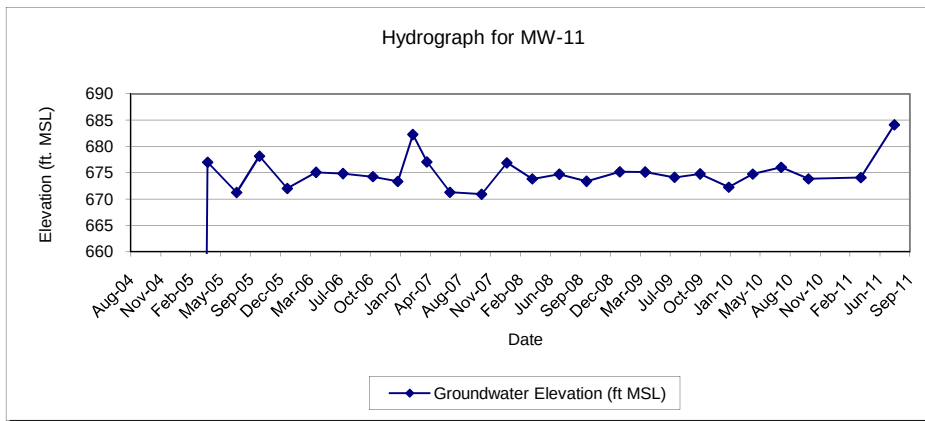
TOC - top of PVC casing

TOC Elevation - 688.61

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 688.65



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

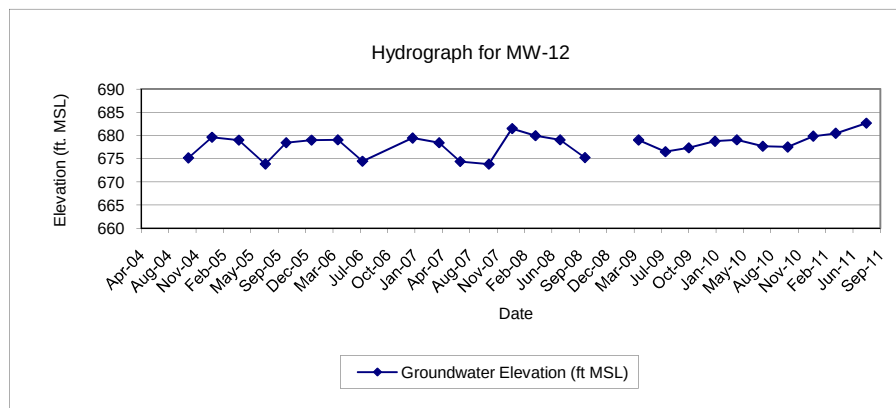
TOC Elevation - 685.79

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

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 686.14



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

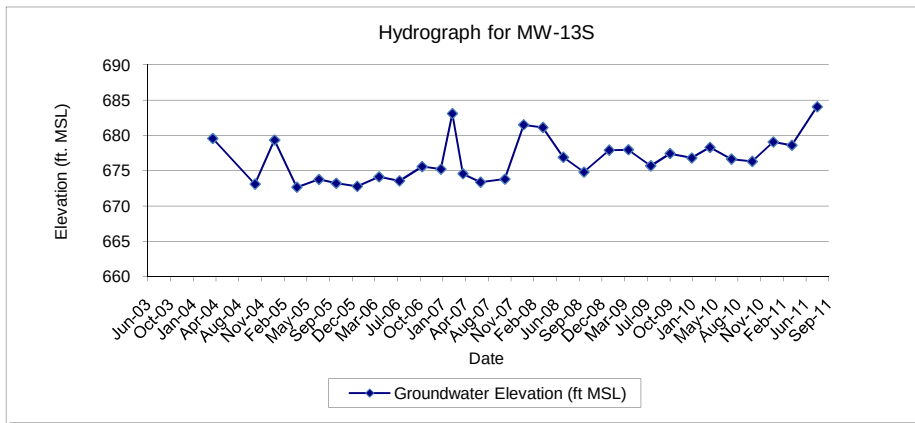
TOC - top of PVC casing

TOC Elevation - 686.57

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 686.60



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

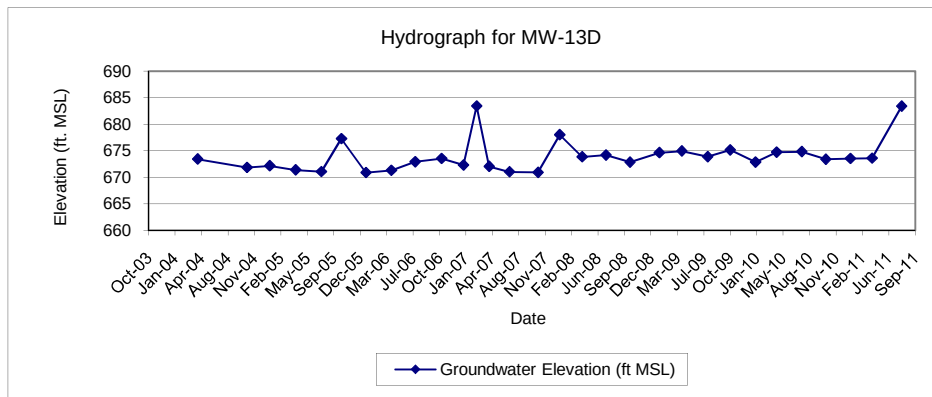
TOC - top of PVC casing

TOC Elevation - 686.71

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 686.73



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

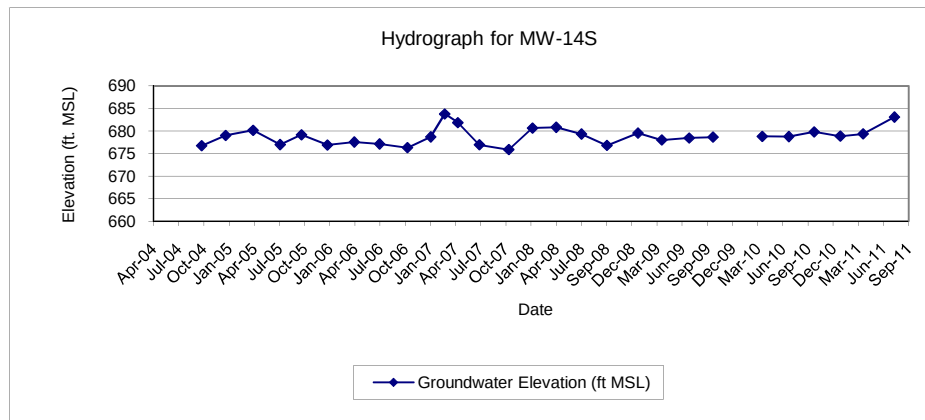
TOC - top of PVC casing

TOC Elevation - 685.31

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 685.70



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

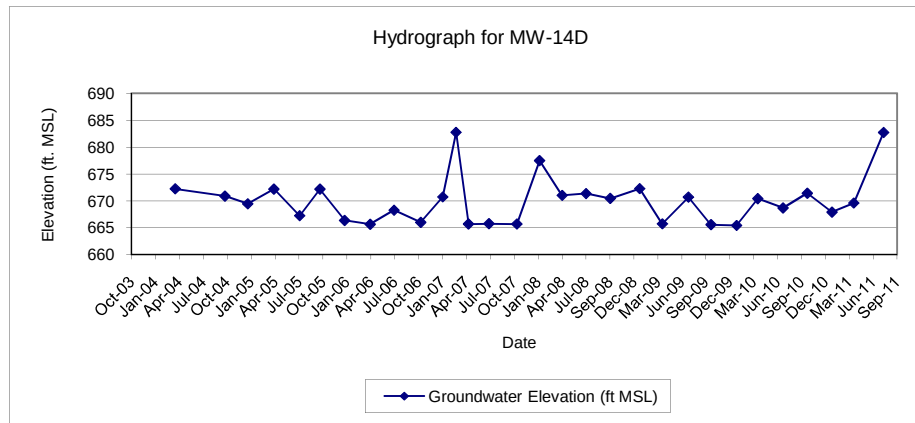
TOC - top of PVC casing

TOC Elevation - 685.43

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 685.82



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

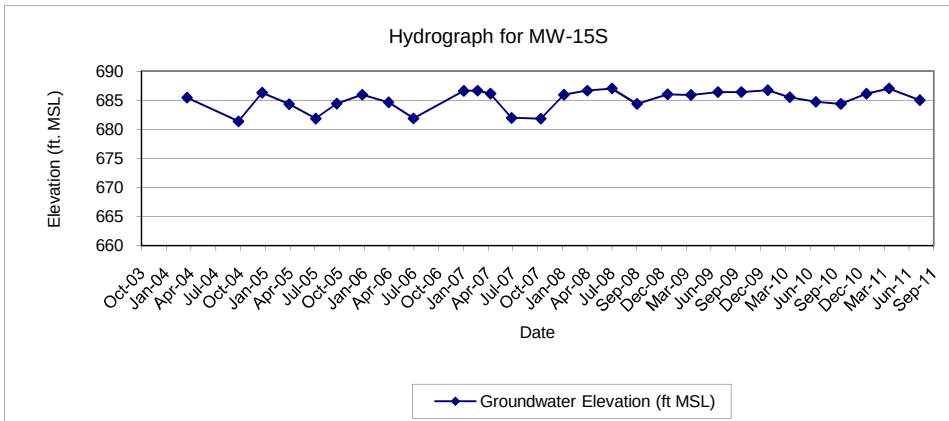
TOC - top of PVC casing

TOC Elevation - 686.64'

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

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



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

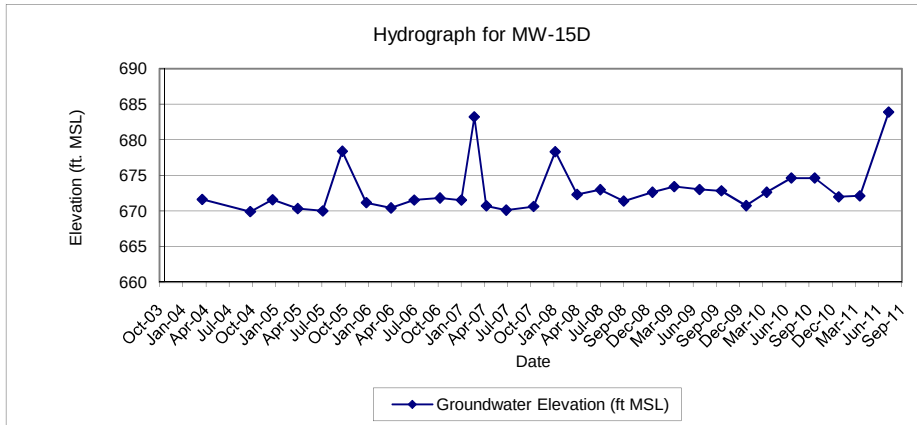
TOC - top of PVC casing

TOC Elevation - 687.31'

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

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



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

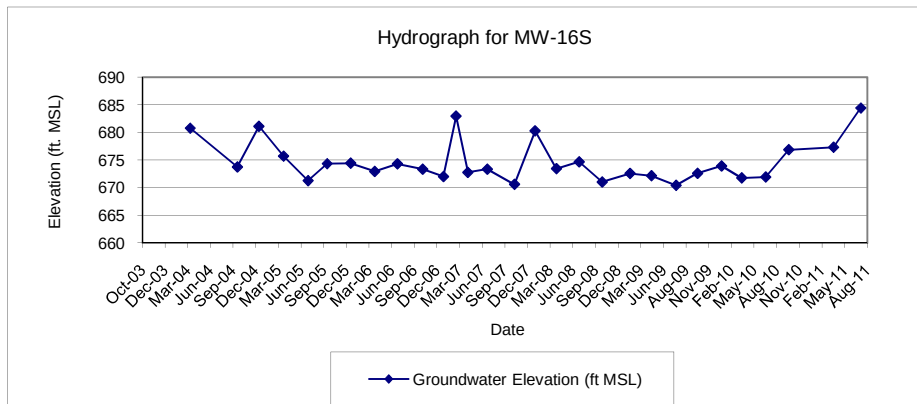
TOC Elevation - 685.84'

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 690.37'

TOC Elevation as of 4/7/2011 - 685.84'



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

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

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

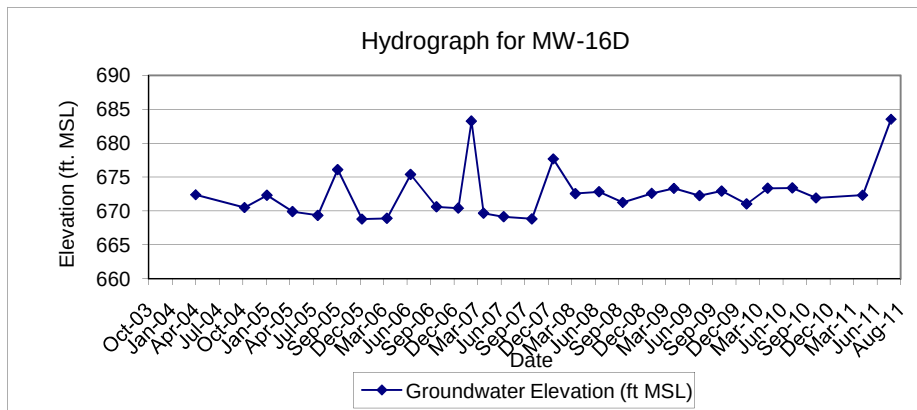
TOC Elevation - 686.01'

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

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

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





APPENDIX C

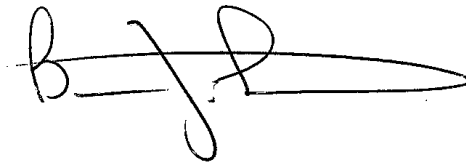
Analytical Laboratory Data (Full data reports contained on attached CD ROM)

ANALYTICAL REPORT

Job Number: 480-7718-1

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
8/12/2011 2:23 PM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com
08/12/2011

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
Manual Integration Summary	5
Sample Summary	6
Executive Summary	7
Method Summary	9
Method / Analyst Summary	10
Sample Datasheets	11
Surrogate Summary	39
QC Data Summary	40
Data Qualifiers	46
QC Association Summary	47
Lab Chronicle	48
Certification Summary	51
Organic Sample Data	52
GC/MS VOA	52
Method 8260B	52
Method 8260B QC Summary	53
Method 8260B Sample Data	72
Standards Data	219
Method 8260B ICAL Data	219
Method 8260B CCAL Data	313
Raw QC Data	331
Method 8260B Tune Data	331
Method 8260B Blank Data	349

Table of Contents

Method 8260B LCS/LCSD Data	368
Method 8260B Run Logs	380
Shipping and Receiving Documents	386
Client Chain of Custody	387
Sample Receipt Checklist	388

Job Narrative
480-7718-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: Duplicate (480-7718-9), MW-13S (480-7718-8), MW-8R (480-7718-4). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: Several analytes were detected in the samples at a concentration above the linear range of the initial calibration curve. Due to the high dilution dictated by other target compounds, these analytes were diluted out in the re-analysis of the sample. Therefore, the value being reported is from the original analysis and is qualified with an E flag.

No other analytical or quality issues were noted.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Instrument ID: HP5973C Analysis Batch Number: 25167Lab Sample ID: 480-7718-4 Client Sample ID: MW-8RDate Analyzed: 07/27/11 17:48 Lab File ID: C12664.D GC Column: ZB-624 (30) ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	8.49	Split Peak	cwiklinc	07/27/11 22:34
Trichloroethene	9.70	Split Peak	cwiklinc	07/27/11 22:36

Lab Sample ID: 480-7718-8 Client Sample ID: MW-13SDate Analyzed: 07/27/11 19:29 Lab File ID: C12668.D GC Column: ZB-624 (30) ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	8.49	Split Peak	cwiklinc	07/27/11 22:39
Trichloroethene	9.70	Split Peak	cwiklinc	07/27/11 22:39

Lab Sample ID: 480-7718-9 Client Sample ID: DuplicateDate Analyzed: 07/27/11 19:54 Lab File ID: C12669.D GC Column: ZB-624 (30) ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	8.49	Split Peak	cwiklinc	07/27/11 22:42
Trichloroethene	9.70	Split Peak	cwiklinc	07/27/11 22:42

SAMPLE SUMMARY

Client: AECOM, Inc.

Job Number: 480-7718-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-7718-1	MW-2	Ground Water	07/25/2011 1520	07/26/2011 1710
480-7718-2	MW-3	Ground Water	07/26/2011 0945	07/26/2011 1710
480-7718-3	MW-6	Ground Water	07/26/2011 1140	07/26/2011 1710
480-7718-4	MW-8R	Ground Water	07/26/2011 1425	07/26/2011 1710
480-7718-5	MW-10	Ground Water	07/26/2011 1225	07/26/2011 1710
480-7718-6	MW-11	Ground Water	07/25/2011 1615	07/26/2011 1710
480-7718-7	MW-12	Ground Water	07/26/2011 1040	07/26/2011 1710
480-7718-8	MW-13S	Ground Water	07/26/2011 1330	07/26/2011 1710
480-7718-9FD	Duplicate	Water	07/26/2011 1600	07/26/2011 1710
480-7718-10RB	Rinse	Water	07/25/2011 1640	07/26/2011 1710
480-7718-11TB	Trip	Water	07/25/2011 0000	07/26/2011 1710

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-7718-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-7718-1	MW-2					
Benzene		0.53	J	1.0	ug/L	8260B
Chloroethane		4.5		1.0	ug/L	8260B
480-7718-2	MW-3					
1,1-Dichloroethane		1.8		1.0	ug/L	8260B
Chloroethane		1.5		1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.98	J	1.0	ug/L	8260B
Vinyl chloride		9.1		1.0	ug/L	8260B
480-7718-4	MW-8R					
1,1,1-Trichloroethane		1.2		1.0	ug/L	8260B
1,1,2,2-Tetrachloroethane		150	E	1.0	ug/L	8260B
1,1,2-Trichloroethane		27		1.0	ug/L	8260B
1,1-Dichloroethane		510	J	800	ug/L	8260B
1,1-Dichloroethene		56		1.0	ug/L	8260B
1,2-Dichloroethane		9.3		1.0	ug/L	8260B
Acetone		15		10	ug/L	8260B
Benzene		1.6		1.0	ug/L	8260B
Carbon disulfide		230	E	1.0	ug/L	8260B
Chloroethane		80		1.0	ug/L	8260B
Chloroform		0.77	J	1.0	ug/L	8260B
Chloromethane		8.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		26000		800	ug/L	8260B
Methylene Chloride		2.5		1.0	ug/L	8260B
Tetrachloroethene		5.3		1.0	ug/L	8260B
Toluene		14		1.0	ug/L	8260B
trans-1,2-Dichloroethene		1400		800	ug/L	8260B
Trichloroethene		36000		800	ug/L	8260B
Vinyl chloride		1000	E	1.0	ug/L	8260B
480-7718-6	MW-11					
1,1,1-Trichloroethane		1.5		1.0	ug/L	8260B
1,1-Dichloroethane		13		1.0	ug/L	8260B
1,1-Dichloroethene		1.7		1.0	ug/L	8260B
Chloroethane		9.5		1.0	ug/L	8260B
cis-1,2-Dichloroethene		45		1.0	ug/L	8260B
Vinyl chloride		21		1.0	ug/L	8260B
480-7718-7	MW-12					
Chloroethane		23		1.0	ug/L	8260B
Vinyl chloride		8.9		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-7718-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-7718-8 MW-13S						
1,1,1-Trichloroethane		2.9		1.0	ug/L	8260B
1,1,2,2-Tetrachloroethane		0.44	J	1.0	ug/L	8260B
1,1,2-Trichloroethane		0.50	J	1.0	ug/L	8260B
1,1-Dichloroethane		95		1.0	ug/L	8260B
1,1-Dichloroethene		170	E	1.0	ug/L	8260B
1,2-Dichloroethane		0.45	J	1.0	ug/L	8260B
Benzene		0.68	J	1.0	ug/L	8260B
Carbon disulfide		1.1		1.0	ug/L	8260B
Chloroethane		2.9		1.0	ug/L	8260B
cis-1,2-Dichloroethene		19000		800	ug/L	8260B
Methylene Chloride		0.65	J	1.0	ug/L	8260B
Toluene		1.9		1.0	ug/L	8260B
trans-1,2-Dichloroethene		140	E	1.0	ug/L	8260B
Trichloroethene		31000		800	ug/L	8260B
Vinyl chloride		320	E	1.0	ug/L	8260B
480-7718-9FD DUPLICATE						
1,1,1-Trichloroethane		2.8		1.0	ug/L	8260B
1,1,2,2-Tetrachloroethane		0.43	J	1.0	ug/L	8260B
1,1,2-Trichloroethane		0.45	J	1.0	ug/L	8260B
1,1-Dichloroethane		94		1.0	ug/L	8260B
1,1-Dichloroethene		160	E	1.0	ug/L	8260B
Benzene		0.64	J	1.0	ug/L	8260B
Carbon disulfide		1.1		1.0	ug/L	8260B
Chloroethane		2.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		19000		800	ug/L	8260B
Methylene Chloride		0.67	J	1.0	ug/L	8260B
Toluene		2.1		1.0	ug/L	8260B
trans-1,2-Dichloroethene		130	E	1.0	ug/L	8260B
Trichloroethene		29000		800	ug/L	8260B
Vinyl chloride		320	E	1.0	ug/L	8260B
480-7718-11TB TRIP						
Trichloroethene		1.4		1.0	ug/L	8260B

METHOD SUMMARY

Client: AECOM, Inc.

Job Number: 480-7718-1

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: 480-7718-1

Method	Analyst	Analyst ID
SW846 8260B	Coder, David	DC
SW846 8260B	Hill, Leah	LH

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-2

Lab Sample ID: 480-7718-1

Date Sampled: 07/25/2011 1520

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12661.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1632			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1632				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	0.53	J	0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	4.5		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-2

Lab Sample ID: 480-7718-1

Date Sampled: 07/25/2011 1520

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12661.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1632			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1632				

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)	110		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-3

Lab Sample ID: 480-7718-2

Date Sampled: 07/26/2011 0945

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12662.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1658			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1658				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	1.8		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	1.5		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	0.98	J	0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-3

Lab Sample ID: 480-7718-2

Date Sampled: 07/26/2011 0945

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12662.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1658			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1658				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	9.1		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		66 - 137
Toluene-d8 (Surr)	110		71 - 126
4-Bromofluorobenzene (Surr)	104		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-6

Lab Sample ID: 480-7718-3

Date Sampled: 07/26/2011 1140

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12663.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1723			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1723				

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

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-6

Lab Sample ID: 480-7718-3

Date Sampled: 07/26/2011 1140

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12663.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1723			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1723				

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)	112		66 - 137
Toluene-d8 (Surr)	107		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-8R

Lab Sample ID: 480-7718-4

Client Matrix: Ground Water

Date Sampled: 07/26/2011 1425

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12664.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1748			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1748				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.2		0.82	1.0
1,1,2,2-Tetrachloroethane	150	E	0.21	1.0
1,1,2-Trichloroethane	27		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	510	E	0.38	1.0
1,1-Dichloroethene	56		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	9.3		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	15		3.0	10
Benzene	1.6		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	230	E	0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	80		0.32	1.0
Chloroform	0.77	J	0.34	1.0
Chloromethane	8.3		0.35	1.0
cis-1,2-Dichloroethene	3900	E	0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	2.5		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	5.3		0.36	1.0
Toluene	14		0.51	1.0
trans-1,2-Dichloroethene	1800	E	0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	4500	E	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-8R

Lab Sample ID: 480-7718-4

Date Sampled: 07/26/2011 1425

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12664.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1748			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1748				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	1000	E	0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		66 - 137
Toluene-d8 (Surr)	107		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-8R

Lab Sample ID: 480-7718-4

Date Sampled: 07/26/2011 1425

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25890	Instrument ID:	HP5975T
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	T9991.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2011 1533	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/02/2011 1533				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		660	800
1,1,2,2-Tetrachloroethane	ND		170	800
1,1,2-Trichloroethane	ND		180	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	800
1,1-Dichloroethane	510	J	300	800
1,1-Dichloroethene	ND		230	800
1,2,4-Trichlorobenzene	ND		330	800
1,2-Dibromo-3-Chloropropane	ND		310	800
1,2-Dibromoethane	ND		580	800
1,2-Dichlorobenzene	ND		630	800
1,2-Dichloroethane	ND		170	800
1,2-Dichloropropane	ND		580	800
1,3-Dichlorobenzene	ND		620	800
1,4-Dichlorobenzene	ND		670	800
2-Hexanone	ND		990	4000
2-Butanone (MEK)	ND		1100	8000
4-Methyl-2-pentanone (MIBK)	ND		1700	4000
Acetone	ND		2400	8000
Benzene	ND		330	800
Bromodichloromethane	ND		310	800
Bromoform	ND		210	800
Bromomethane	ND		550	800
Carbon disulfide	ND		150	800
Carbon tetrachloride	ND		220	800
Chlorobenzene	ND		600	800
Dibromochloromethane	ND		260	800
Chloroethane	ND		260	800
Chloroform	ND		270	800
Chloromethane	ND		280	800
cis-1,2-Dichloroethene	26000		650	800
cis-1,3-Dichloropropene	ND		290	800
Cyclohexane	ND		140	800
Dichlorodifluoromethane	ND		540	800
Ethylbenzene	ND		590	800
Isopropylbenzene	ND		630	800
Methyl acetate	ND		400	800
Methyl tert-butyl ether	ND		130	800
Methylcyclohexane	ND		130	800
Methylene Chloride	ND		350	800
Styrene	ND		580	800
Tetrachloroethene	ND		290	800
Toluene	ND		410	800
trans-1,2-Dichloroethene	1400		720	800
trans-1,3-Dichloropropene	ND		300	800
Trichloroethene	36000		370	800
Trichlorofluoromethane	ND		700	800

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-8R

Lab Sample ID: 480-7718-4

Date Sampled: 07/26/2011 1425

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25890	Instrument ID:	HP5975T
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	T9991.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2011 1533	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/02/2011 1533				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	102		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-10

Lab Sample ID: 480-7718-5

Date Sampled: 07/26/2011 1225

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N9542.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 1929			Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 1929				

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

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-10

Lab Sample ID: 480-7718-5

Date Sampled: 07/26/2011 1225

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N9542.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 1929			Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 1929				

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)	134		66 - 137
Toluene-d8 (Surr)	112		71 - 126
4-Bromofluorobenzene (Surr)	110		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-11

Lab Sample ID: 480-7718-6

Date Sampled: 07/25/2011 1615

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N9543.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 1953			Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 1953				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.5		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	13		0.38	1.0
1,1-Dichloroethene	1.7		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	9.5		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	45		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-11

Lab Sample ID: 480-7718-6

Date Sampled: 07/25/2011 1615

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N9543.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 1953			Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 1953				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	21		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	132		66 - 137
Toluene-d8 (Surr)	113		71 - 126
4-Bromofluorobenzene (Surr)	114		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-12

Lab Sample ID: 480-7718-7

Date Sampled: 07/26/2011 1040

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N9544.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 2016			Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 2016				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	23		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-12

Lab Sample ID: 480-7718-7

Date Sampled: 07/26/2011 1040

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N9544.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 2016			Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 2016				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	8.9		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	134		66 - 137
Toluene-d8 (Surr)	113		71 - 126
4-Bromofluorobenzene (Surr)	112		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-13S

Lab Sample ID: 480-7718-8

Client Matrix: Ground Water

Date Sampled: 07/26/2011 1330

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12668.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1929			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1929				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	2.9		0.82	1.0
1,1,2,2-Tetrachloroethane	0.44	J	0.21	1.0
1,1,2-Trichloroethane	0.50	J	0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	95		0.38	1.0
1,1-Dichloroethene	170	E	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	0.45	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	0.68	J	0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	1.1		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	2.9		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	3500	E	0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	0.65	J	0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	1.9		0.51	1.0
trans-1,2-Dichloroethene	140	E	0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	4100	E	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-13S

Lab Sample ID: 480-7718-8

Date Sampled: 07/26/2011 1330

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12668.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1929			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1929				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	320	E	0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
Toluene-d8 (Surr)	110		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-13S

Lab Sample ID: 480-7718-8

Date Sampled: 07/26/2011 1330

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25890	Instrument ID:	HP5975T
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	T9992.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2011 1556	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/02/2011 1556				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		660	800
1,1,2,2-Tetrachloroethane	ND		170	800
1,1,2-Trichloroethane	ND		180	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	800
1,1-Dichloroethane	ND		300	800
1,1-Dichloroethene	ND		230	800
1,2,4-Trichlorobenzene	ND		330	800
1,2-Dibromo-3-Chloropropane	ND		310	800
1,2-Dibromoethane	ND		580	800
1,2-Dichlorobenzene	ND		630	800
1,2-Dichloroethane	ND		170	800
1,2-Dichloropropane	ND		580	800
1,3-Dichlorobenzene	ND		620	800
1,4-Dichlorobenzene	ND		670	800
2-Hexanone	ND		990	4000
2-Butanone (MEK)	ND		1100	8000
4-Methyl-2-pentanone (MIBK)	ND		1700	4000
Acetone	ND		2400	8000
Benzene	ND		330	800
Bromodichloromethane	ND		310	800
Bromoform	ND		210	800
Bromomethane	ND		550	800
Carbon disulfide	ND		150	800
Carbon tetrachloride	ND		220	800
Chlorobenzene	ND		600	800
Dibromochloromethane	ND		260	800
Chloroethane	ND		260	800
Chloroform	ND		270	800
Chloromethane	ND		280	800
cis-1,2-Dichloroethene	19000		650	800
cis-1,3-Dichloropropene	ND		290	800
Cyclohexane	ND		140	800
Dichlorodifluoromethane	ND		540	800
Ethylbenzene	ND		590	800
Isopropylbenzene	ND		630	800
Methyl acetate	ND		400	800
Methyl tert-butyl ether	ND		130	800
Methylcyclohexane	ND		130	800
Methylene Chloride	ND		350	800
Styrene	ND		580	800
Tetrachloroethene	ND		290	800
Toluene	ND		410	800
trans-1,2-Dichloroethene	ND		720	800
trans-1,3-Dichloropropene	ND		300	800
Trichloroethene	31000		370	800
Trichlorofluoromethane	ND		700	800

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: MW-13S

Lab Sample ID: 480-7718-8

Date Sampled: 07/26/2011 1330

Client Matrix: Ground Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25890	Instrument ID:	HP5975T
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	T9992.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2011 1556	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/02/2011 1556				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	99		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: Duplicate

Lab Sample ID: 480-7718-9FD

Client Matrix: Water

Date Sampled: 07/26/2011 1600

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12669.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1954			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1954				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	2.8		0.82	1.0
1,1,2,2-Tetrachloroethane	0.43	J	0.21	1.0
1,1,2-Trichloroethane	0.45	J	0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	94		0.38	1.0
1,1-Dichloroethene	160	E	0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	0.64	J	0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	1.1		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	2.8		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	3600	E	0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	0.67	J	0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	2.1		0.51	1.0
trans-1,2-Dichloroethene	130	E	0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	4200	E	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: Duplicate

Lab Sample ID: 480-7718-9FD

Date Sampled: 07/26/2011 1600

Client Matrix: Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C12669.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1954			Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1954				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	320	E	0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		66 - 137
Toluene-d8 (Surr)	112		71 - 126
4-Bromofluorobenzene (Surr)	105		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: Duplicate

Lab Sample ID: 480-7718-9FD

Date Sampled: 07/26/2011 1600

Client Matrix: Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25890	Instrument ID:	HP5975T
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	T9993.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2011 1620	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/02/2011 1620				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		660	800
1,1,2,2-Tetrachloroethane	ND		170	800
1,1,2-Trichloroethane	ND		180	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	800
1,1-Dichloroethane	ND		300	800
1,1-Dichloroethene	ND		230	800
1,2,4-Trichlorobenzene	ND		330	800
1,2-Dibromo-3-Chloropropane	ND		310	800
1,2-Dibromoethane	ND		580	800
1,2-Dichlorobenzene	ND		630	800
1,2-Dichloroethane	ND		170	800
1,2-Dichloropropane	ND		580	800
1,3-Dichlorobenzene	ND		620	800
1,4-Dichlorobenzene	ND		670	800
2-Hexanone	ND		990	4000
2-Butanone (MEK)	ND		1100	8000
4-Methyl-2-pentanone (MIBK)	ND		1700	4000
Acetone	ND		2400	8000
Benzene	ND		330	800
Bromodichloromethane	ND		310	800
Bromoform	ND		210	800
Bromomethane	ND		550	800
Carbon disulfide	ND		150	800
Carbon tetrachloride	ND		220	800
Chlorobenzene	ND		600	800
Dibromochloromethane	ND		260	800
Chloroethane	ND		260	800
Chloroform	ND		270	800
Chloromethane	ND		280	800
cis-1,2-Dichloroethene	19000		650	800
cis-1,3-Dichloropropene	ND		290	800
Cyclohexane	ND		140	800
Dichlorodifluoromethane	ND		540	800
Ethylbenzene	ND		590	800
Isopropylbenzene	ND		630	800
Methyl acetate	ND		400	800
Methyl tert-butyl ether	ND		130	800
Methylcyclohexane	ND		130	800
Methylene Chloride	ND		350	800
Styrene	ND		580	800
Tetrachloroethene	ND		290	800
Toluene	ND		410	800
trans-1,2-Dichloroethene	ND		720	800
trans-1,3-Dichloropropene	ND		300	800
Trichloroethene	29000		370	800
Trichlorofluoromethane	ND		700	800

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: Duplicate

Lab Sample ID: 480-7718-9FD

Date Sampled: 07/26/2011 1600

Client Matrix: Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25890	Instrument ID:	HP5975T
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	T9993.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2011 1620	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/02/2011 1620				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	100		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: Rinse

Lab Sample ID: 480-7718-10RB

Date Sampled: 07/25/2011 1640

Client Matrix: Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N9545.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 2040			Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 2040				

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

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: Rinse

Lab Sample ID: 480-7718-10RB

Date Sampled: 07/25/2011 1640

Client Matrix: Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N9545.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 2040			Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 2040				

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)	131		66 - 137
Toluene-d8 (Surr)	114		71 - 126
4-Bromofluorobenzene (Surr)	114		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: Trip

Lab Sample ID: 480-7718-11TB

Date Sampled: 07/25/2011 0000

Client Matrix: Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N9546.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 2103			Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 2103				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	1.4		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-7718-1

Client Sample ID: Trip

Lab Sample ID: 480-7718-11TB

Date Sampled: 07/25/2011 0000

Client Matrix: Water

Date Received: 07/26/2011 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N9546.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 2103			Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 2103				

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)	132		66 - 137
Toluene-d8 (Surr)	112		71 - 126
4-Bromofluorobenzene (Surr)	112		73 - 120

Client: AECOM, Inc.

Job Number: 480-7718-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
480-7718-1	MW-2	110	102	101
480-7718-2	MW-3	114	110	104
480-7718-3	MW-6	112	107	103
480-7718-4	MW-8R	109	107	103
480-7718-4 DL	MW-8R DL	102	101	102
480-7718-5	MW-10	134	112	110
480-7718-6	MW-11	132	113	114
480-7718-7	MW-12	134	113	112
480-7718-8	MW-13S	107	110	103
480-7718-8 DL	MW-13S DL	104	101	99
480-7718-9	Duplicate	110	112	105
480-7718-9 DL	Duplicate DL	104	102	100
480-7718-10	Rinse	131	114	114
480-7718-11	Trip	132	112	112
MB 480-25167/5		110	108	108
MB 480-25432/5		130	114	111
MB 480-25890/5		101	102	101
LCS 480-25167/4		104	104	110
LCS 480-25432/4		128	115	114
LCS 480-25890/4		100	103	103

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: 480-7718-1

Method Blank - Batch: 480-25167

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 480-25167/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/27/2011 1218
 Prep Date: 07/27/2011 1218
 Leach Date: N/A

Analysis Batch: 480-25167
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: HP5973C
 Lab File ID: C12651.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-7718-1

Method Blank - Batch: 480-25167

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 480-25167/5	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C12651.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1218	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1218				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	66 - 137
Toluene-d8 (Surr)	108	71 - 126
4-Bromofluorobenzene (Surr)	108	73 - 120

Lab Control Sample - Batch: 480-25167

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 480-25167/4	Analysis Batch:	480-25167	Instrument ID:	HP5973C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C12650.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/27/2011 1153	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/27/2011 1153				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	23.2	93	71 - 129	
1,1-Dichloroethene	25.0	22.6	90	65 - 138	
1,2-Dichlorobenzene	25.0	23.5	94	77 - 120	
1,2-Dichloroethane	25.0	23.2	93	75 - 127	
Benzene	25.0	24.1	96	71 - 124	
Chlorobenzene	25.0	25.3	101	72 - 120	
cis-1,2-Dichloroethene	25.0	23.5	94	74 - 124	
Ethylbenzene	25.0	24.6	98	77 - 123	
Methyl tert-butyl ether	25.0	22.1	88	64 - 127	
Tetrachloroethene	25.0	25.1	100	74 - 122	
Toluene	25.0	24.3	97	70 - 122	
trans-1,2-Dichloroethene	25.0	23.8	95	73 - 127	
Trichloroethene	25.0	24.1	96	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	66 - 137
Toluene-d8 (Surr)	104	71 - 126
4-Bromofluorobenzene (Surr)	110	73 - 120

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-7718-1

Method Blank - Batch: 480-25432

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 480-25432/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/28/2011 1833
 Prep Date: 07/28/2011 1833
 Leach Date: N/A

Analysis Batch: 480-25432
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: HP5973N
 Lab File ID: N9541.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-7718-1

Method Blank - Batch: 480-25432

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 480-25432/5	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N9541.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 1833	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 1833				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	130	66 - 137
Toluene-d8 (Surr)	114	71 - 126
4-Bromofluorobenzene (Surr)	111	73 - 120

Lab Control Sample - Batch: 480-25432

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 480-25432/4	Analysis Batch:	480-25432	Instrument ID:	HP5973N
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N9540.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2011 1810	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/28/2011 1810				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	21.0	84	71 - 129	
1,1-Dichloroethene	25.0	18.3	73	65 - 138	
1,2-Dichlorobenzene	25.0	20.9	84	77 - 120	
1,2-Dichloroethane	25.0	24.3	97	75 - 127	
Benzene	25.0	20.1	80	71 - 124	
Chlorobenzene	25.0	20.3	81	72 - 120	
cis-1,2-Dichloroethene	25.0	20.1	80	74 - 124	
Ethylbenzene	25.0	20.8	83	77 - 123	
Methyl tert-butyl ether	25.0	21.9	88	64 - 127	
Tetrachloroethene	25.0	20.9	84	74 - 122	
Toluene	25.0	20.1	80	70 - 122	
trans-1,2-Dichloroethene	25.0	21.1	84	73 - 127	
Trichloroethene	25.0	20.6	82	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128	66 - 137
Toluene-d8 (Surr)	115	71 - 126
4-Bromofluorobenzene (Surr)	114	73 - 120

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-7718-1

Method Blank - Batch: 480-25890

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 480-25890/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 08/02/2011 1302
 Prep Date: 08/02/2011 1302
 Leach Date: N/A

Analysis Batch: 480-25890
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: HP5975T
 Lab File ID: T9985.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-7718-1

Method Blank - Batch: 480-25890

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 480-25890/5	Analysis Batch:	480-25890	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T9985.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2011 1302	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/02/2011 1302				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	66 - 137
Toluene-d8 (Surr)	102	71 - 126
4-Bromofluorobenzene (Surr)	101	73 - 120

Lab Control Sample - Batch: 480-25890

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 480-25890/4	Analysis Batch:	480-25890	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T9984.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2011 1238	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/02/2011 1238				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	26.0	104	71 - 129	
1,1-Dichloroethene	25.0	27.6	110	65 - 138	
1,2-Dichlorobenzene	25.0	26.5	106	77 - 120	
1,2-Dichloroethane	25.0	25.0	100	75 - 127	
Benzene	25.0	26.5	106	71 - 124	
Chlorobenzene	25.0	25.6	102	72 - 120	
cis-1,2-Dichloroethene	25.0	26.8	107	74 - 124	
Ethylbenzene	25.0	27.0	108	77 - 123	
Methyl tert-butyl ether	25.0	27.0	108	64 - 127	
Tetrachloroethene	25.0	25.7	103	74 - 122	
Toluene	25.0	26.3	105	70 - 122	
trans-1,2-Dichloroethene	25.0	26.7	107	73 - 127	
Trichloroethene	25.0	26.0	104	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	66 - 137
Toluene-d8 (Surr)	103	71 - 126
4-Bromofluorobenzene (Surr)	103	73 - 120

DATA REPORTING QUALIFIERS

Client: AECOM, Inc.

Job Number: 480-7718-1

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: 480-7718-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report	Client Matrix	Method	Prep Batch
		Basis			
GC/MS VOA					
Analysis Batch:480-25167					
LCS 480-25167/4	Lab Control Sample	T	Water	8260B	
MB 480-25167/5	Method Blank	T	Water	8260B	
480-7718-1	MW-2	T	Water	8260B	
480-7718-2	MW-3	T	Water	8260B	
480-7718-3	MW-6	T	Water	8260B	
480-7718-4	MW-8R	T	Water	8260B	
480-7718-8	MW-13S	T	Water	8260B	
480-7718-9FD	Duplicate	T	Water	8260B	
Analysis Batch:480-25432					
LCS 480-25432/4	Lab Control Sample	T	Water	8260B	
MB 480-25432/5	Method Blank	T	Water	8260B	
480-7718-5	MW-10	T	Water	8260B	
480-7718-6	MW-11	T	Water	8260B	
480-7718-7	MW-12	T	Water	8260B	
480-7718-10RB	Rinse	T	Water	8260B	
480-7718-11TB	Trip	T	Water	8260B	
Analysis Batch:480-25890					
LCS 480-25890/4	Lab Control Sample	T	Water	8260B	
MB 480-25890/5	Method Blank	T	Water	8260B	
480-7718-4DL	MW-8R	T	Water	8260B	
480-7718-8DL	MW-13S	T	Water	8260B	
480-7718-9FDDL	Duplicate	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-7718-1

Laboratory Chronicle

Lab ID: 480-7718-1

Client ID: MW-2

Sample Date/Time: 07/25/2011 15:20

Received Date/Time: 07/26/2011 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-7718-A-1		480-25167		07/27/2011 16:32	1	TAL BUF	LH
A:8260B	480-7718-A-1		480-25167		07/27/2011 16:32	1	TAL BUF	LH

Lab ID: 480-7718-2

Client ID: MW-3

Sample Date/Time: 07/26/2011 09:45

Received Date/Time: 07/26/2011 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-7718-A-2		480-25167		07/27/2011 16:58	1	TAL BUF	LH
A:8260B	480-7718-A-2		480-25167		07/27/2011 16:58	1	TAL BUF	LH

Lab ID: 480-7718-3

Client ID: MW-6

Sample Date/Time: 07/26/2011 11:40

Received Date/Time: 07/26/2011 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-7718-A-3		480-25167		07/27/2011 17:23	1	TAL BUF	LH
A:8260B	480-7718-A-3		480-25167		07/27/2011 17:23	1	TAL BUF	LH

Lab ID: 480-7718-4

Client ID: MW-8R

Sample Date/Time: 07/26/2011 14:25

Received Date/Time: 07/26/2011 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-7718-A-4		480-25167		07/27/2011 17:48	1	TAL BUF	LH
A:8260B	480-7718-A-4		480-25167		07/27/2011 17:48	1	TAL BUF	LH
P:5030B	480-7718-A-4	DL	480-25890		08/02/2011 15:33	800	TAL BUF	LH
A:8260B	480-7718-A-4	DL	480-25890		08/02/2011 15:33	800	TAL BUF	LH

Lab ID: 480-7718-5

Client ID: MW-10

Sample Date/Time: 07/26/2011 12:25

Received Date/Time: 07/26/2011 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-7718-B-5		480-25432		07/28/2011 19:29	1	TAL BUF	DC
A:8260B	480-7718-B-5		480-25432		07/28/2011 19:29	1	TAL BUF	DC

Lab ID: 480-7718-6

Client ID: MW-11

Sample Date/Time: 07/25/2011 16:15

Received Date/Time: 07/26/2011 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-7718-B-6		480-25432		07/28/2011 19:53	1	TAL BUF	DC
A:8260B	480-7718-B-6		480-25432		07/28/2011 19:53	1	TAL BUF	DC

TestAmerica Buffalo

A = Analytical Method P = Prep Method

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-7718-1

Laboratory Chronicle

Lab ID: 480-7718-7

Client ID: MW-12

Sample Date/Time: 07/26/2011 10:40

Received Date/Time: 07/26/2011 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-7718-B-7		480-25432		07/28/2011 20:16	1	TAL BUF	DC
A:8260B	480-7718-B-7		480-25432		07/28/2011 20:16	1	TAL BUF	DC

Lab ID: 480-7718-8

Client ID: MW-13S

Sample Date/Time: 07/26/2011 13:30

Received Date/Time: 07/26/2011 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-7718-A-8		480-25167		07/27/2011 19:29	1	TAL BUF	LH
A:8260B	480-7718-A-8		480-25167		07/27/2011 19:29	1	TAL BUF	LH
P:5030B	480-7718-A-8	DL	480-25890		08/02/2011 15:56	800	TAL BUF	LH
A:8260B	480-7718-A-8	DL	480-25890		08/02/2011 15:56	800	TAL BUF	LH

Lab ID: 480-7718-9

Client ID: Duplicate

Sample Date/Time: 07/26/2011 16:00

Received Date/Time: 07/26/2011 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-7718-A-9		480-25167		07/27/2011 19:54	1	TAL BUF	LH
A:8260B	480-7718-A-9		480-25167		07/27/2011 19:54	1	TAL BUF	LH
P:5030B	480-7718-B-9	DL	480-25890		08/02/2011 16:20	800	TAL BUF	LH
A:8260B	480-7718-B-9	DL	480-25890		08/02/2011 16:20	800	TAL BUF	LH

Lab ID: 480-7718-10

Client ID: Rinse

Sample Date/Time: 07/25/2011 16:40

Received Date/Time: 07/26/2011 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-7718-B-10		480-25432		07/28/2011 20:40	1	TAL BUF	DC
A:8260B	480-7718-B-10		480-25432		07/28/2011 20:40	1	TAL BUF	DC

Lab ID: 480-7718-11

Client ID: Trip

Sample Date/Time: 07/25/2011 00:00

Received Date/Time: 07/26/2011 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-7718-A-11		480-25432		07/28/2011 21:03	1	TAL BUF	DC
A:8260B	480-7718-A-11		480-25432		07/28/2011 21:03	1	TAL BUF	DC

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-7718-1

Laboratory Chronicle

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 480-25167/5		480-25167		07/27/2011 12:18	1	TAL BUF	LH
A:8260B	MB 480-25167/5		480-25167		07/27/2011 12:18	1	TAL BUF	LH
P:5030B	MB 480-25432/5		480-25432		07/28/2011 18:33	1	TAL BUF	DC
A:8260B	MB 480-25432/5		480-25432		07/28/2011 18:33	1	TAL BUF	DC
P:5030B	MB 480-25890/5		480-25890		08/02/2011 13:02	1	TAL BUF	LH
A:8260B	MB 480-25890/5		480-25890		08/02/2011 13:02	1	TAL BUF	LH

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 480-25167/4		480-25167		07/27/2011 11:53	1	TAL BUF	LH
A:8260B	LCS 480-25167/4		480-25167		07/27/2011 11:53	1	TAL BUF	LH
P:5030B	LCS 480-25432/4		480-25432		07/28/2011 18:10	1	TAL BUF	DC
A:8260B	LCS 480-25432/4		480-25432		07/28/2011 18:10	1	TAL BUF	DC
P:5030B	LCS 480-25890/4		480-25890		08/02/2011 12:38	1	TAL BUF	LH
A:8260B	LCS 480-25890/4		480-25890		08/02/2011 12:38	1	TAL BUF	LH

Lab References:

TAL BUF = TestAmerica Buffalo

Certification Summary

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

TestAmerica Job ID: 480-7718-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia	West Virginia DEP	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.: 480-7718-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): ZB-624 (30) ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
MW-2	480-7718-1	110	102	101
MW-3	480-7718-2	114	110	104
MW-6	480-7718-3	112	107	103
MW-8R	480-7718-4	109	107	103
MW-8R DL	480-7718-4 DL	102	101	102
MW-10	480-7718-5	134	112	110
MW-11	480-7718-6	132	113	114
MW-12	480-7718-7	134	113	112
MW-13S	480-7718-8	107	110	103
MW-13S DL	480-7718-8 DL	104	101	99
Duplicate	480-7718-9	110	112	105
Duplicate DL	480-7718-9 DL	104	102	100
Rinse	480-7718-10	131	114	114
Trip	480-7718-11	132	112	112
	MB 480-25167/5	110	108	108
	MB 480-25432/5	130	114	111
	MB 480-25890/5	101	102	101
	LCS 480-25167/4	104	104	110
	LCS 480-25432/4	128	115	114
	LCS 480-25890/4	100	103	103

	<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.: 480-7718-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C12650.D
 Lab ID: LCS 480-25167/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	23.2	93	71-129	
1,1-Dichloroethene	25.0	22.6	90	65-138	
1,2-Dichlorobenzene	25.0	23.5	94	77-120	
1,2-Dichloroethane	25.0	23.2	93	75-127	
Benzene	25.0	24.1	96	71-124	
Chlorobenzene	25.0	25.3	101	72-120	
cis-1,2-Dichloroethene	25.0	23.5	94	74-124	
Ethylbenzene	25.0	24.6	98	77-123	
Methyl tert-butyl ether	25.0	22.1	88	64-127	
Tetrachloroethene	25.0	25.1	100	74-122	
Toluene	25.0	24.3	97	70-122	
trans-1,2-Dichloroethene	25.0	23.8	95	73-127	
Trichloroethene	25.0	24.1	96	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.: 480-7718-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N9540.D
 Lab ID: LCS 480-25432/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	21.0	84	71-129	
1,1-Dichloroethene	25.0	18.3	73	65-138	
1,2-Dichlorobenzene	25.0	20.9	84	77-120	
1,2-Dichloroethane	25.0	24.3	97	75-127	
Benzene	25.0	20.1	80	71-124	
Chlorobenzene	25.0	20.3	81	72-120	
cis-1,2-Dichloroethene	25.0	20.1	80	74-124	
Ethylbenzene	25.0	20.8	83	77-123	
Methyl tert-butyl ether	25.0	21.9	88	64-127	
Tetrachloroethene	25.0	20.9	84	74-122	
Toluene	25.0	20.1	80	70-122	
trans-1,2-Dichloroethene	25.0	21.1	84	73-127	
Trichloroethene	25.0	20.6	82	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.: 480-7718-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: T9984.D
 Lab ID: LCS 480-25890/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	26.0	104	71-129	
1,1-Dichloroethene	25.0	27.6	110	65-138	
1,2-Dichlorobenzene	25.0	26.5	106	77-120	
1,2-Dichloroethane	25.0	25.0	100	75-127	
Benzene	25.0	26.5	106	71-124	
Chlorobenzene	25.0	25.6	102	72-120	
cis-1,2-Dichloroethene	25.0	26.8	107	74-124	
Ethylbenzene	25.0	27.0	108	77-123	
Methyl tert-butyl ether	25.0	27.0	108	64-127	
Tetrachloroethene	25.0	25.7	103	74-122	
Toluene	25.0	26.3	105	70-122	
trans-1,2-Dichloroethene	25.0	26.7	107	73-127	
Trichloroethene	25.0	26.0	104	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.: 480-7718-1
SDG No.: _____
Lab File ID: C12651.D Lab Sample ID: MB 480-25167/5
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: HP5973C Date Analyzed: 07/27/2011 12:18
GC Column: ZB-624 (30) ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-25167/4	C12650.D	07/27/2011 11:53
MW-2	480-7718-1	C12661.D	07/27/2011 16:32
MW-3	480-7718-2	C12662.D	07/27/2011 16:58
MW-6	480-7718-3	C12663.D	07/27/2011 17:23
MW-8R	480-7718-4	C12664.D	07/27/2011 17:48
MW-13S	480-7718-8	C12668.D	07/27/2011 19:29
Duplicate	480-7718-9	C12669.D	07/27/2011 19:54

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
SDG No.: _____
Lab File ID: N9541.D Lab Sample ID: MB 480-25432/5
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: HP5973N Date Analyzed: 07/28/2011 18:33
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 480-25432/4	N9540.D	07/28/2011 18:10
MW-10	480-7718-5	N9542.D	07/28/2011 19:29
MW-11	480-7718-6	N9543.D	07/28/2011 19:53
MW-12	480-7718-7	N9544.D	07/28/2011 20:16
Rinse	480-7718-10	N9545.D	07/28/2011 20:40
Trip	480-7718-11	N9546.D	07/28/2011 21:03

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
SDG No.: _____
Lab File ID: T9985.D Lab Sample ID: MB 480-25890/5
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: HP5975T Date Analyzed: 08/02/2011 13:02
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 480-25890/4	T9984.D	08/02/2011 12:38
MW-8R DL	480-7718-4 DL	T9991.D	08/02/2011 15:33
MW-13S DL	480-7718-8 DL	T9992.D	08/02/2011 15:56
Duplicate DL	480-7718-9 DL	T9993.D	08/02/2011 16:20

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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
SDG No.: _____
Lab File ID: C12458.D BFB Injection Date: 07/20/2011
Instrument ID: HP5973C BFB Injection Time: 13:41
Analysis Batch No.: 24235

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	24.0
75	30.0 - 60.0 % of mass 95	51.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.2
173	Less than 2.0 % of mass 174	0.6 (0.9) 1
174	50.0 - 120.00 % of mass 95	73.6
175	5.0 - 9.0 % of mass 174	5.3 (7.1) 1
176	95.0 - 101.0 % of mass 174	71.9 (97.6) 1
177	5.0 - 9.0 % of mass 176	4.8 (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
	STD 480-24235/2	C12460.D	07/20/2011	14:44
	STD 480-24235/3	C12461.D	07/20/2011	15:10
	STD 480-24235/4	C12462.D	07/20/2011	15:35
	STD 480-24235/5	C12463.D	07/20/2011	16:01
	STD 480-24235/6	C12464.D	07/20/2011	16:26
	STD 480-24235/7	C12465.D	07/20/2011	16:52

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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
SDG No.: _____
Lab File ID: C12647.D BFB Injection Date: 07/27/2011
Instrument ID: HP5973C BFB Injection Time: 10:22
Analysis Batch No.: 25167

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.8
75	30.0 - 60.0 % of mass 95	48.8
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	0.7 (0.9) 1
174	50.0 - 120.00 % of mass 95	76.3
175	5.0 - 9.0 % of mass 174	6.4 (8.3) 1
176	95.0 - 101.0 % of mass 174	73.3 (96.2) 1
177	5.0 - 9.0 % of mass 176	5.4 (7.4) 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 480-25167/2	C12648.D	07/27/2011	10:50
	LCS 480-25167/4	C12650.D	07/27/2011	11:53
	MB 480-25167/5	C12651.D	07/27/2011	12:18
MW-2	480-7718-1	C12661.D	07/27/2011	16:32
MW-3	480-7718-2	C12662.D	07/27/2011	16:58
MW-6	480-7718-3	C12663.D	07/27/2011	17:23
MW-8R	480-7718-4	C12664.D	07/27/2011	17:48
MW-13S	480-7718-8	C12668.D	07/27/2011	19:29
Duplicate	480-7718-9	C12669.D	07/27/2011	19:54

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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Lab File ID: N9298.D BFB Injection Date: 07/21/2011
 Instrument ID: HP5973N BFB Injection Time: 10:49
 Analysis Batch No.: 24423

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	49.9
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	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	78.0
175	5.0 - 9.0 % of mass 174	6.3 (8.0) 1
176	95.0 - 101.0 % of mass 174	75.3 (96.6) 1
177	5.0 - 9.0 % of mass 176	4.9 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD 480-24423/2	N9300.D	07/21/2011	11:44
	STD 480-24423/3	N9301.D	07/21/2011	12:07
	STD 480-24423/4	N9302.D	07/21/2011	12:31
	STD 480-24423/5	N9303.D	07/21/2011	12:55
	STD 480-24423/6	N9304.D	07/21/2011	13:18
	STD 480-24423/7	N9305.D	07/21/2011	13:41

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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
SDG No.: _____
Lab File ID: N9537.D BFB Injection Date: 07/28/2011
Instrument ID: HP5973N BFB Injection Time: 15:29
Analysis Batch No.: 25432

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.3
75	30.0 - 60.0 % of mass 95	53.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.9
173	Less than 2.0 % of mass 174	0.2 (0.3) 1
174	50.0 - 120.00 % of mass 95	77.8
175	5.0 - 9.0 % of mass 174	6.0 (7.7) 1
176	95.0 - 101.0 % of mass 174	74.4 (95.6) 1
177	5.0 - 9.0 % of mass 176	4.8 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-25432/2	N9538.D	07/28/2011	17:06
	LCS 480-25432/4	N9540.D	07/28/2011	18:10
	MB 480-25432/5	N9541.D	07/28/2011	18:33
MW-10	480-7718-5	N9542.D	07/28/2011	19:29
MW-11	480-7718-6	N9543.D	07/28/2011	19:53
MW-12	480-7718-7	N9544.D	07/28/2011	20:16
Rinse	480-7718-10	N9545.D	07/28/2011	20:40
Trip	480-7718-11	N9546.D	07/28/2011	21:03

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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
SDG No.: _____
Lab File ID: T9697.D BFB Injection Date: 07/21/2011
Instrument ID: HP5975T BFB Injection Time: 10:51
Analysis Batch No.: 24425

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	23.7
75	30.0 - 60.0 % of mass 95	47.8
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	1.0 (1.2) 1
174	50.0 - 120.00 % of mass 95	81.0
175	5.0 - 9.0 % of mass 174	6.1 (7.6) 1
176	95.0 - 101.0 % of mass 174	77.7 (96.0) 1
177	5.0 - 9.0 % of mass 176	5.3 (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
	STD 480-24425/2	T9699.D	07/21/2011	11:46
	STD 480-24425/3	T9700.D	07/21/2011	12:10
	STD 480-24425/4	T9701.D	07/21/2011	12:33
	STD 480-24425/5	T9702.D	07/21/2011	12:57
	STD 480-24425/7	T9704.D	07/21/2011	13:43

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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
SDG No.: _____
Lab File ID: T9981.D BFB Injection Date: 08/02/2011
Instrument ID: HP5975T BFB Injection Time: 11:17
Analysis Batch No.: 25890

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	23.1
75	30.0 - 60.0 % of mass 95	46.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.1
173	Less than 2.0 % of mass 174	0.9 (1.2) 1
174	50.0 - 120.00 % of mass 95	79.4
175	5.0 - 9.0 % of mass 174	5.9 (7.5) 1
176	95.0 - 101.0 % of mass 174	78.5 (98.8) 1
177	5.0 - 9.0 % of mass 176	4.6 (5.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-25890/2	T9982.D	08/02/2011	11:40
	LCS 480-25890/4	T9984.D	08/02/2011	12:38
	MB 480-25890/5	T9985.D	08/02/2011	13:02
MW-8R DL	480-7718-4 DL	T9991.D	08/02/2011	15:33
MW-13S DL	480-7718-8 DL	T9992.D	08/02/2011	15:56
Duplicate DL	480-7718-9 DL	T9993.D	08/02/2011	16:20

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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
SDG No.: _____
Sample No.: STD 480-24235/5 Date Analyzed: 07/20/2011 16:01
Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53 (mm)
Lab File ID (Standard): C12463.D Heated Purge: (Y/N) N
Calibration ID: 3266

	DFB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	669024	9.46	356650	11.84	336425	13.85	
UPPER LIMIT	1338048	9.96	713300	12.34	672850	14.35	
LOWER LIMIT	334512	8.96	178325	11.34	168213	13.35	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-25167/2		652181	9.46	364494	11.84	354932	13.87

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.: 480-7718-1
 SDG No.: _____
 Sample No.: CCVIS 480-25167/2 Date Analyzed: 07/27/2011 10:50
 Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53 (mm)
 Lab File ID (Standard): C12648.D Heated Purge: (Y/N) N
 Calibration ID: 3273

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		652181	9.46	364494	11.84	354932	13.87
UPPER LIMIT		1304362	9.96	728988	12.34	709864	14.37
LOWER LIMIT		326091	8.96	182247	11.34	177466	13.37
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-25167/4		657998	9.46	363554	11.84	355851	13.87
MB 480-25167/5		622612	9.46	347680	11.84	324769	13.85
480-7718-1	MW-2	712126	9.46	393425	11.84	354773	13.85
480-7718-2	MW-3	692738	9.46	373868	11.84	339066	13.85
480-7718-3	MW-6	700183	9.45	374490	11.84	344679	13.85
480-7718-4	MW-8R	738918	9.47	382880	11.84	343871	13.85
480-7718-8	MW-13S	718266	9.46	373989	11.84	333844	13.85
480-7718-9	Duplicate	709154	9.45	367584	11.84	328112	13.85

DFB = 1,4-Difluorobenzene
 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.: 480-7718-1
 SDG No.: _____
 Sample No.: STD 480-24423/5 Date Analyzed: 07/21/2011 12:55
 Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm)
 Lab File ID (Standard): N9303.D Heated Purge: (Y/N) N
 Calibration ID: 3274

	DFB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	806483	4.62	709089	7.41	381205	9.88	
UPPER LIMIT	1612966	5.12	1418178	7.91	762410	10.38	
LOWER LIMIT	403242	4.12	354545	6.91	190603	9.38	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-25432/2		614064	4.62	542279	7.41	295175	9.88

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.: 480-7718-1
 SDG No.: _____
 Sample No.: CCVIS 480-25432/2 Date Analyzed: 07/28/2011 17:06
 Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm)
 Lab File ID (Standard): N9538.D Heated Purge: (Y/N) N
 Calibration ID: 3281

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		614064	4.62	542279	7.41	295175	9.88
UPPER LIMIT		1228128	5.12	1084558	7.91	590350	10.38
LOWER LIMIT		307032	4.12	271140	6.91	147588	9.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-25432/4		581918	4.62	519929	7.41	273177	9.88
MB 480-25432/5		574652	4.62	504120	7.41	261573	9.88
480-7718-5	MW-10	574226	4.62	510220	7.41	265684	9.88
480-7718-6	MW-11	559171	4.62	488045	7.41	251172	9.88
480-7718-7	MW-12	548208	4.62	488712	7.41	256249	9.88
480-7718-10	Rinse	545554	4.62	475505	7.41	247635	9.88
480-7718-11	Trip	551046	4.62	486827	7.41	251028	9.88

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.: 480-7718-1
SDG No.: _____
Sample No.: STD 480-24425/5 Date Analyzed: 07/21/2011 12:57
Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25 (mm)
Lab File ID (Standard): T9702.D Heated Purge: (Y/N) N
Calibration ID: 3275

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		673938	4.58	592820	6.78	311911	8.65
UPPER LIMIT		1347876	5.08	1185640	7.28	623822	9.15
LOWER LIMIT		336969	4.08	296410	6.28	155956	8.15
LAB SAMPLE ID		CLIENT SAMPLE ID					
CCVIS 480-25890/2		691837	4.58	610924	6.78	336971	8.65

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.: 480-7718-1
 SDG No.: _____
 Sample No.: CCVIS 480-25890/2 Date Analyzed: 08/02/2011 11:40
 Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25 (mm)
 Lab File ID (Standard): T9982.D Heated Purge: (Y/N) N
 Calibration ID: 3282

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		691837	4.58	610924	6.78	336971	8.65
UPPER LIMIT		1383674	5.08	1221848	7.28	673942	9.15
LOWER LIMIT		345919	4.08	305462	6.28	168486	8.15
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 480-25890/4		686190	4.58	618604	6.78	336778	8.65
MB 480-25890/5		661221	4.58	569571	6.78	310236	8.65
480-7718-4 DL	MW-8R DL	605688	4.58	523833	6.79	284387	8.65
480-7718-8 DL	MW-13S DL	591953	4.58	522654	6.78	278427	8.65
480-7718-9 DL	Duplicate DL	587591	4.58	511584	6.79	273246	8.65

DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5
 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.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-2 Lab Sample ID: 480-7718-1
 Matrix: Ground Water Lab File ID: C12661.D
 Analysis Method: 8260B Date Collected: 07/25/2011 15:20
 Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 16:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 25167 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	0.53	J	1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	4.5		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-2 Lab Sample ID: 480-7718-1
 Matrix: Ground Water Lab File ID: C12661.D
 Analysis Method: 8260B Date Collected: 07/25/2011 15:20
 Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 16:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 25167 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)	110		66-137
2037-26-5	Toluene-d8 (Surr)	102		71-126
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12661.D
 Lims ID: 480-7718-A-1 Client ID: MW-2
 Inject. Date: 27-Jul-2011 16:32:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-7718-A-1
 Misc. Info.: 480-0004882-015
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 14
 Lims Batch ID: 25167 Lims Sample ID: 15
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C-8260.m
 Last Update: 27-Jul-2011 22:31:12 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 27-Jul-2011 22:32:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.455	0.0	96	712126	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	88	393425	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	97	354773	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	148401	27.6	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	95	777349	25.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	84	228280	25.3	
10 Dichlorodifluoromethane	85		4.486					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62		5.114					
14 Bromomethane	94		5.731					
15 Chloroethane	64	5.873	5.873	0.0	82	32934	4.51	
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.810					
22 1,1-Dichloroethene	96		6.869					
23 Acetone	43	6.905	6.905	0.0	67	6730	2.13	
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84		7.379					
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96		7.628					
39 1,1-Dichloroethane	63		8.020					
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96		8.518					
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97		8.933					
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78	9.241	9.241	0.0	62	18170	0.5298	
58 1,2-Dichloroethane	62		9.253					
62 Trichloroethene	95		9.716					
64 Methylcyclohexane	83		9.870					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.917					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
91 o-Xylene	106		12.301					
92 Styrene	104		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.585					
97 1,1,2,2-Tetrachloroethane	83		12.858					
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.305					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.238					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 27-Jul-2011 22:32:21

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12661.D

Injection Date: 27-Jul-2011 16:32:30

Limit Group: MV - 8260B ICAL

Client ID: MW-2

Instrument ID: HP5973C

Lims Batch ID: 25167

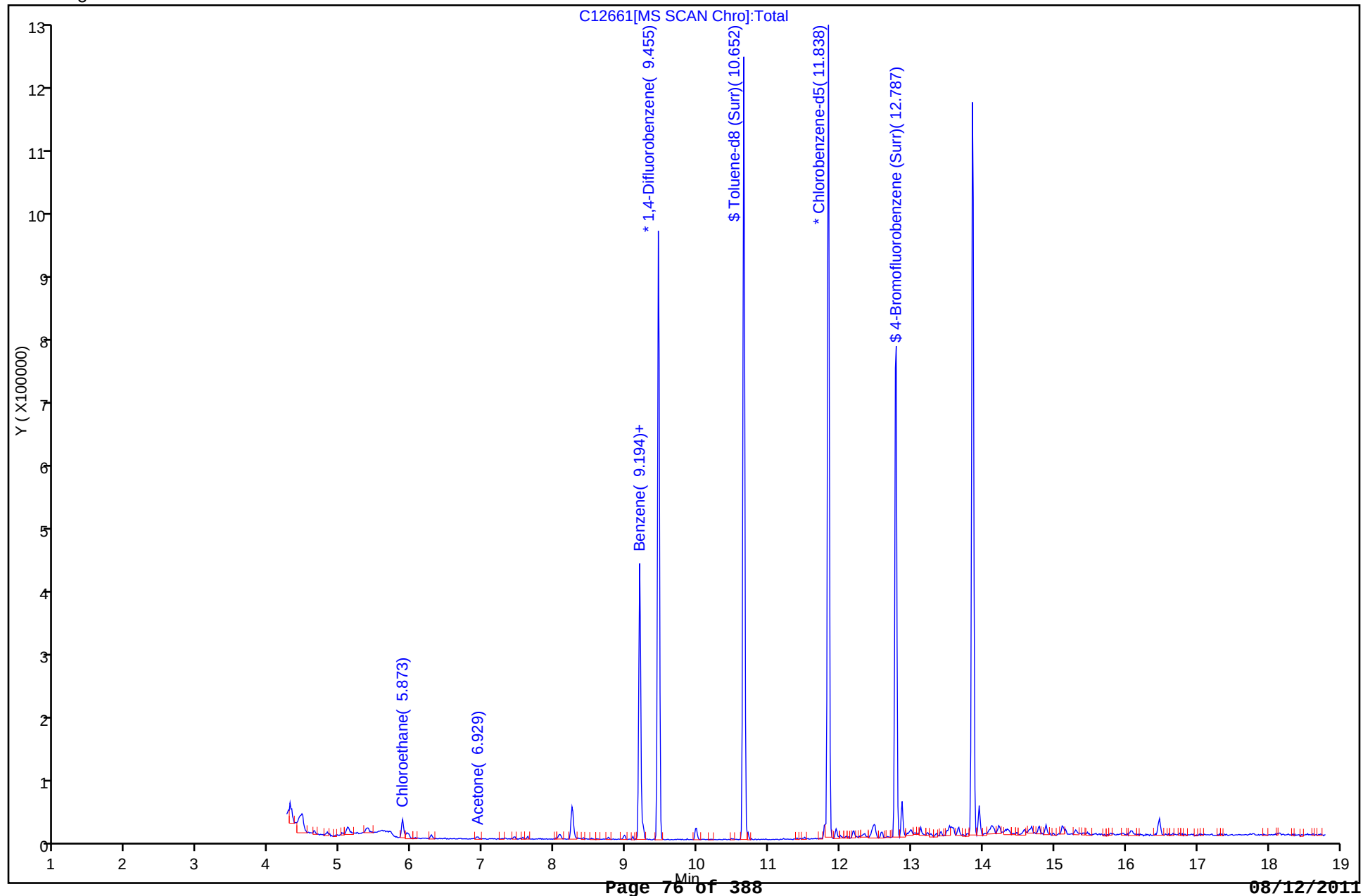
Lims Sample ID: 15

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



Report Date: 27-Jul-2011 22:32:21

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12661.D

Injection Date: 27-Jul-2011 16:32:30

Limit Group: MV - 8260B ICAL

Client ID: MW-2

Instrument ID: HP5973C

Lims Batch ID: 25167

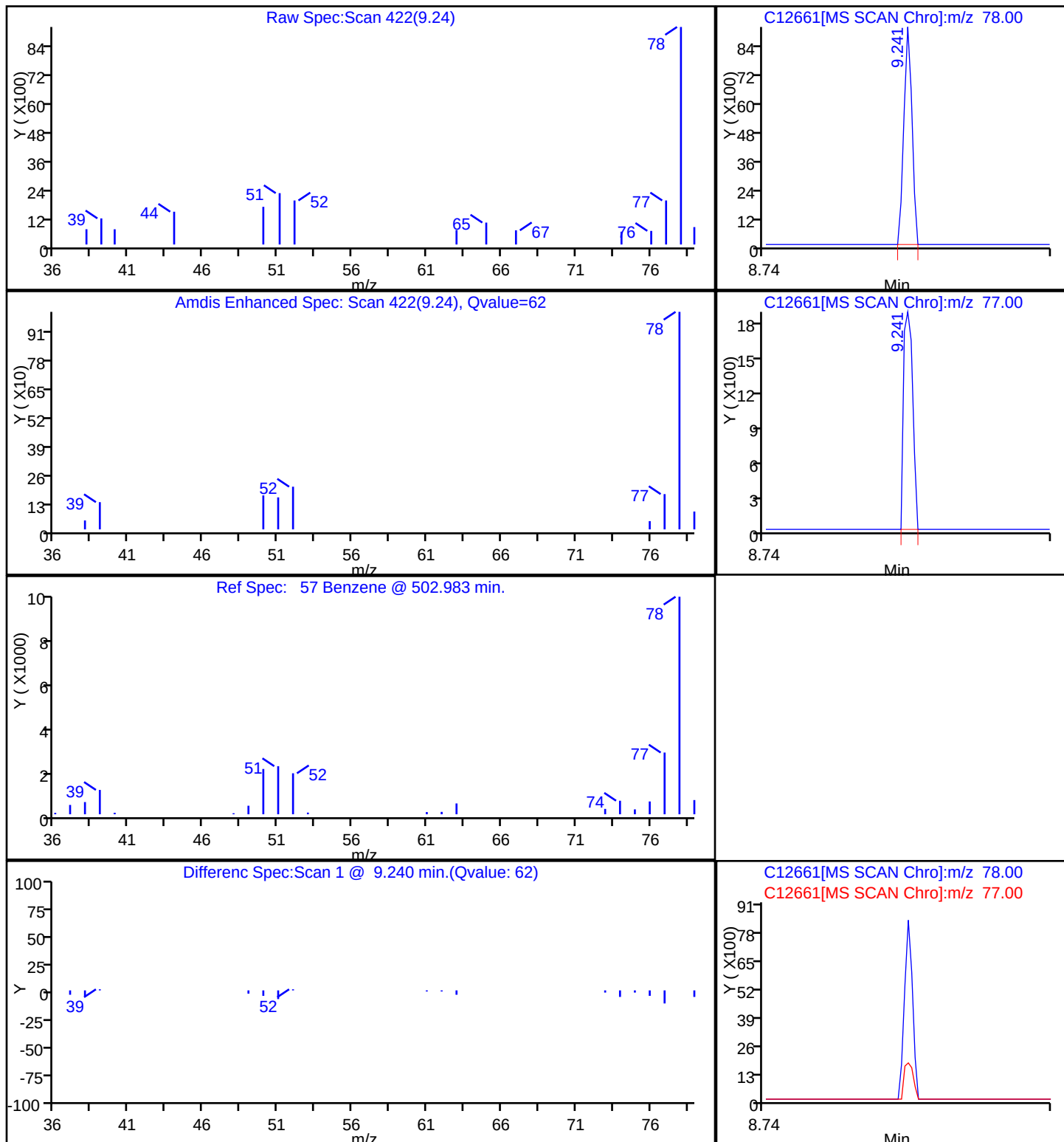
Lims Sample ID: 15

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

57 Benzene



Report Date: 27-Jul-2011 22:32:21

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12661.D

Injection Date: 27-Jul-2011 16:32:30

Limit Group: MV - 8260B ICAL

Client ID: MW-2

Instrument ID: HP5973C

Lims Batch ID: 25167

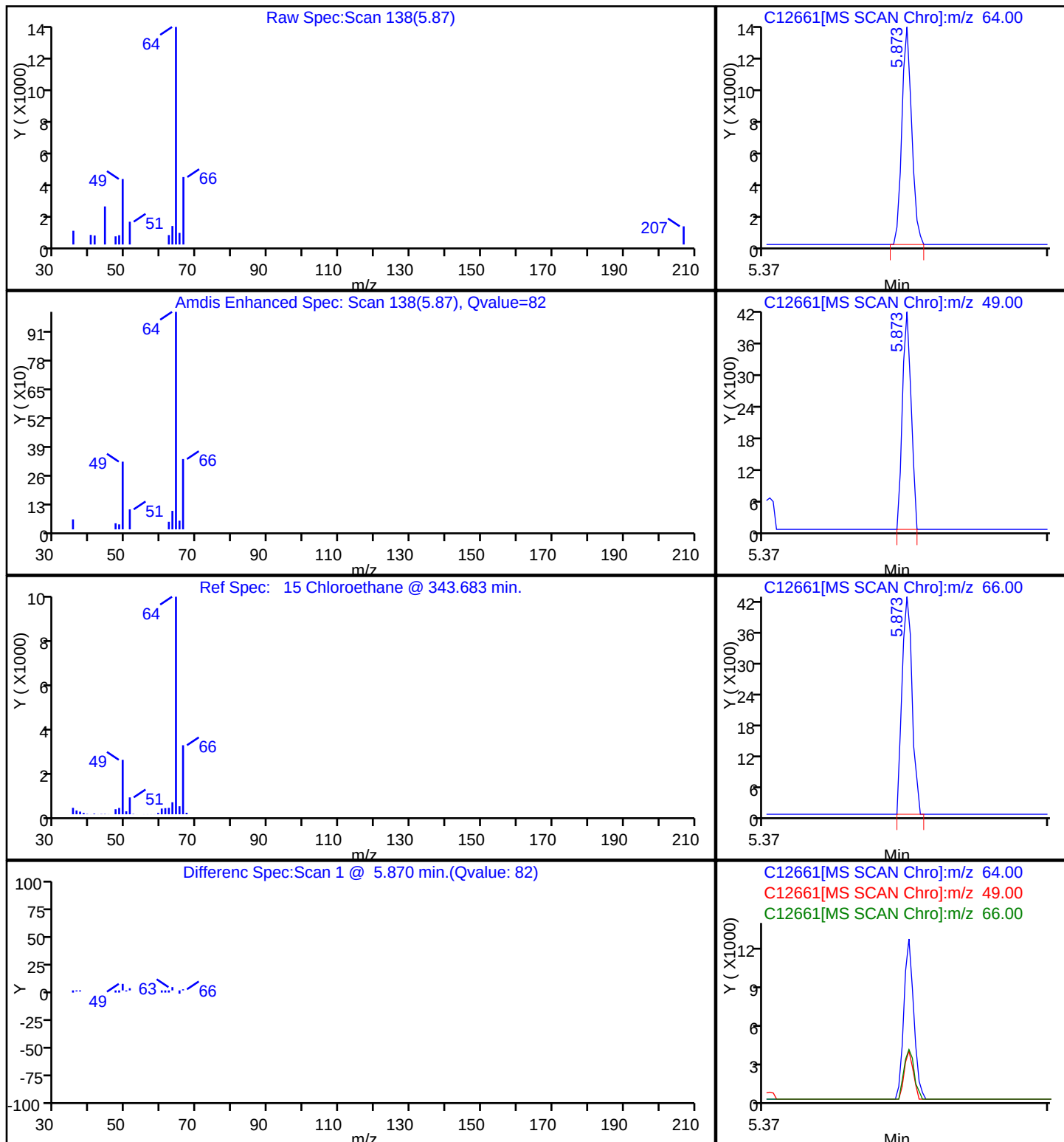
Lims Sample ID: 15

Operator ID: LH

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.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-7718-2
 Matrix: Ground Water Lab File ID: C12662.D
 Analysis Method: 8260B Date Collected: 07/26/2011 09:45
 Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 16:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 25167 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	1.8		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	1.5		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	0.98	J	1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-7718-2
 Matrix: Ground Water Lab File ID: C12662.D
 Analysis Method: 8260B Date Collected: 07/26/2011 09:45
 Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 16:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 25167 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	9.1		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)	114		66-137
2037-26-5	Toluene-d8 (Surr)	110		71-126
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12662.D
 Lims ID: 480-7718-A-2 Client ID: MW-3
 Inject. Date: 27-Jul-2011 16:58:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-7718-A-2
 Misc. Info.: 480-0004882-016
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 15
 Lims Batch ID: 25167 Lims Sample ID: 16
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C-8260.m
 Last Update: 27-Jul-2011 22:31:12 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 27-Jul-2011 22:32:46

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.455	0.0	96	692738	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	88	373868	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	97	339066	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	148468	28.4	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	95	792060	27.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	84	224190	26.1	
10 Dichlorodifluoromethane	85		4.486					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62	5.114	5.114	0.0	99	108487	9.11	
14 Bromomethane	94		5.731					
15 Chloroethane	64	5.873	5.873	0.0	60	10314	1.45	
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.810					
22 1,1-Dichloroethene	96		6.869					
23 Acetone	43		6.905					
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84		7.379					
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96		7.628					
39 1,1-Dichloroethane	63	8.020	8.020	0.0	64	31976	1.84	
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	35	9097	0.9790	
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97		8.933					
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78		9.241					
58 1,2-Dichloroethane	62		9.253					
62 Trichloroethene	95		9.716					
64 Methylcyclohexane	83		9.870					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.917					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
91 o-Xylene	106		12.301					
92 Styrene	104		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.585					
97 1,1,2,2-Tetrachloroethane	83		12.858					
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.305					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.238					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 27-Jul-2011 22:32:46

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12662.D

Injection Date: 27-Jul-2011 16:58:30

Limit Group: MV - 8260B ICAL

Client ID: MW-3

Instrument ID: HP5973C

Lims Batch ID: 25167

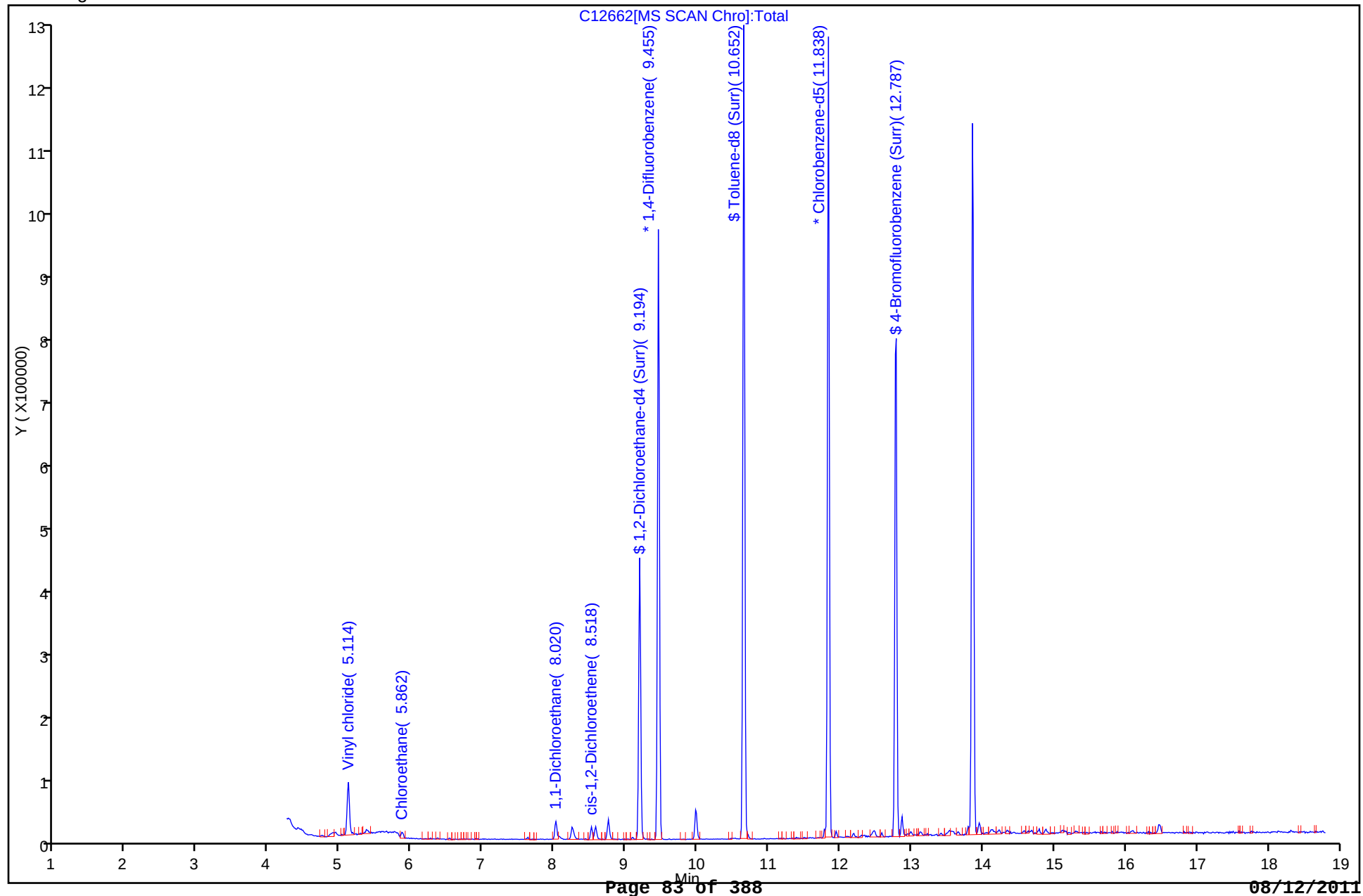
Lims Sample ID: 16

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



Report Date: 27-Jul-2011 22:32:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12662.D

Injection Date: 27-Jul-2011 16:58:30

Limit Group: MV - 8260B ICAL

Client ID: MW-3

Instrument ID: HP5973C

Lims Batch ID: 25167

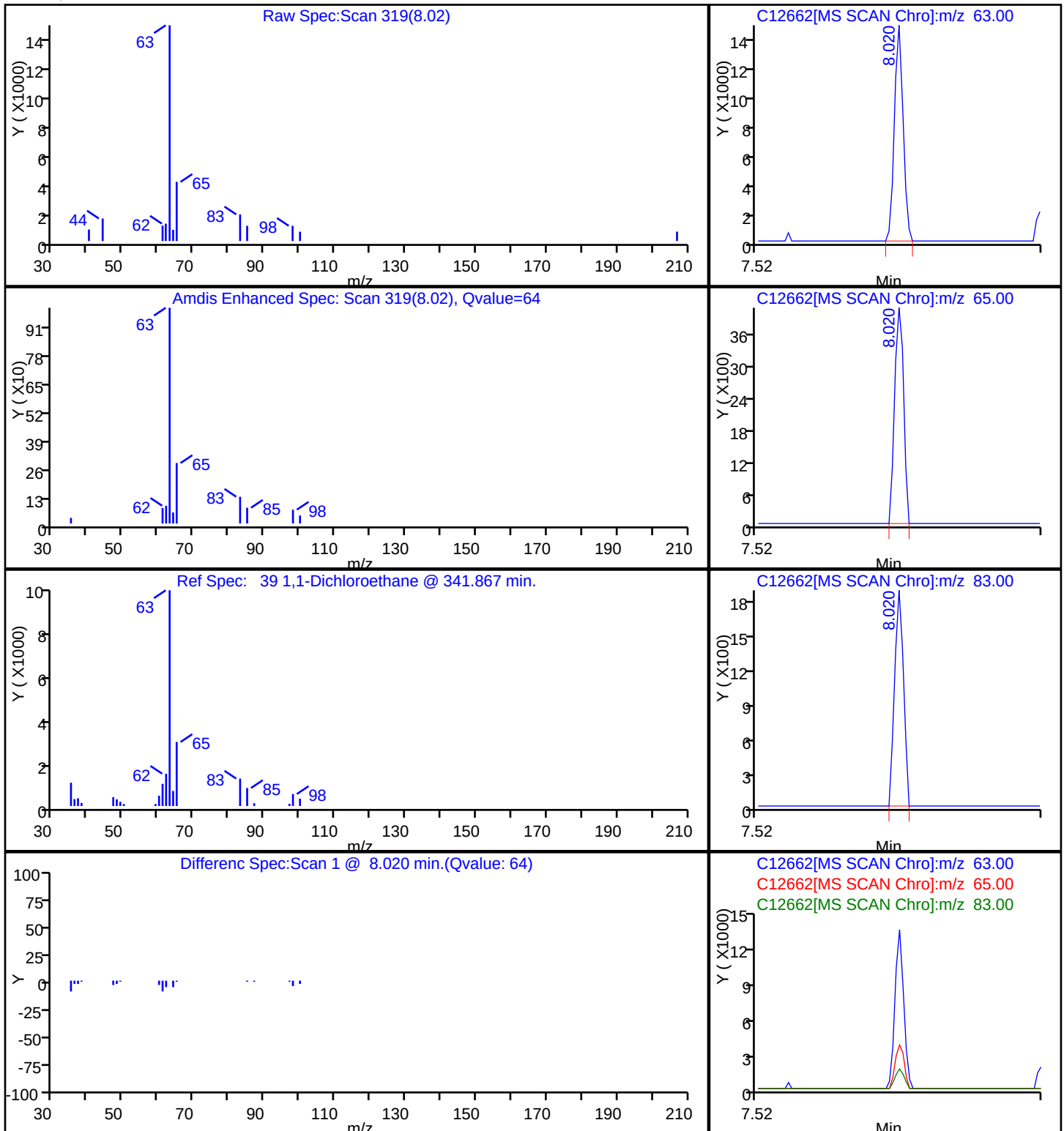
Lims Sample ID: 16

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

39 1,1-Dichloroethane



Report Date: 27-Jul-2011 22:32:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12662.D

Injection Date: 27-Jul-2011 16:58:30

Limit Group: MV - 8260B ICAL

Client ID: MW-3

Instrument ID: HP5973C

Lims Batch ID: 25167

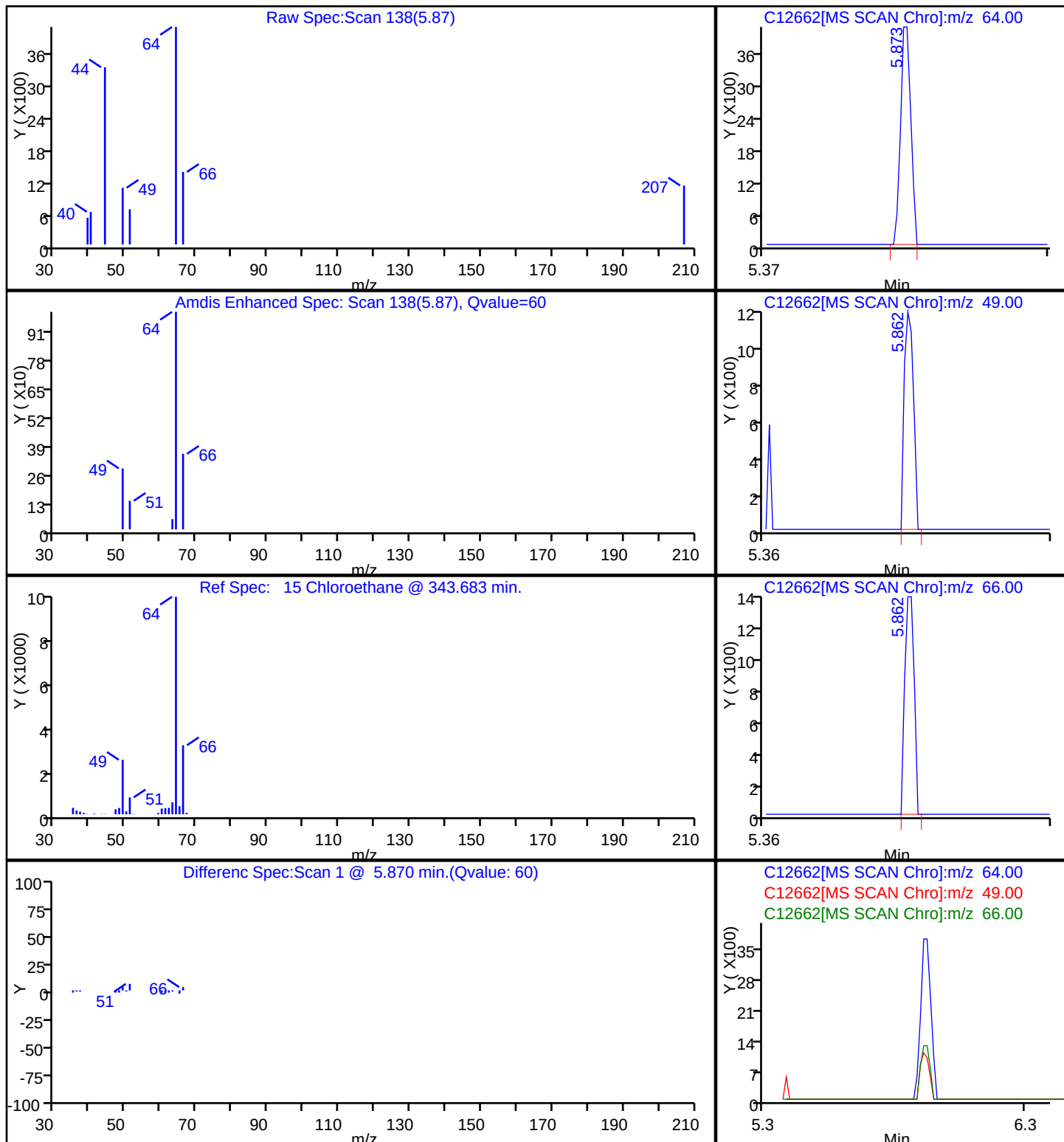
Lims Sample ID: 16

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

15 Chloroethane



Report Date: 27-Jul-2011 22:32:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12662.D

Injection Date: 27-Jul-2011 16:58:30

Limit Group: MV - 8260B ICAL

Client ID: MW-3

Instrument ID: HP5973C

Lims Batch ID: 25167

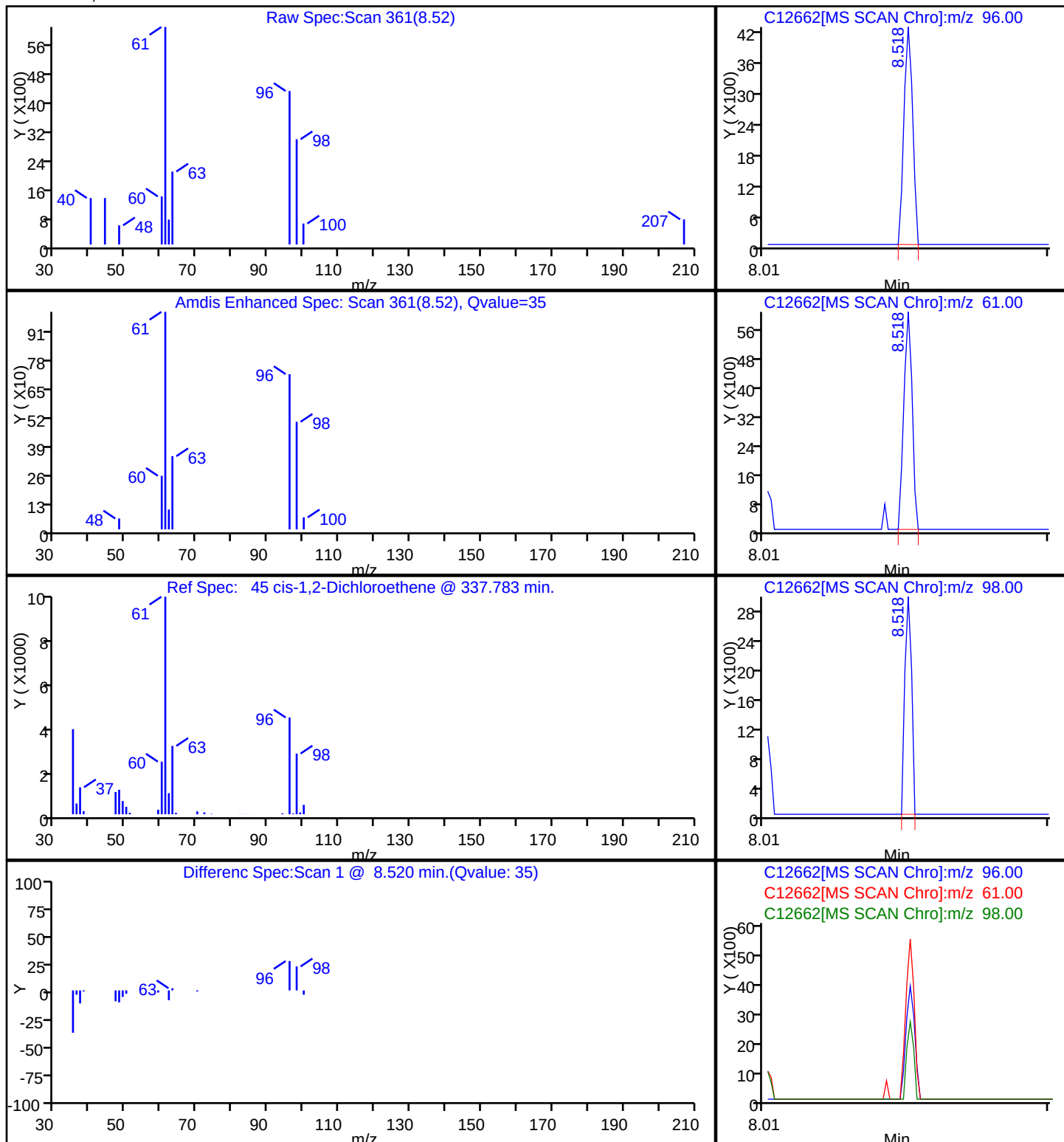
Lims Sample ID: 16

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



Report Date: 27-Jul-2011 22:32:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12662.D

Injection Date: 27-Jul-2011 16:58:30

Limit Group: MV - 8260B ICAL

Client ID: MW-3

Instrument ID: HP5973C

Lims Batch ID: 25167

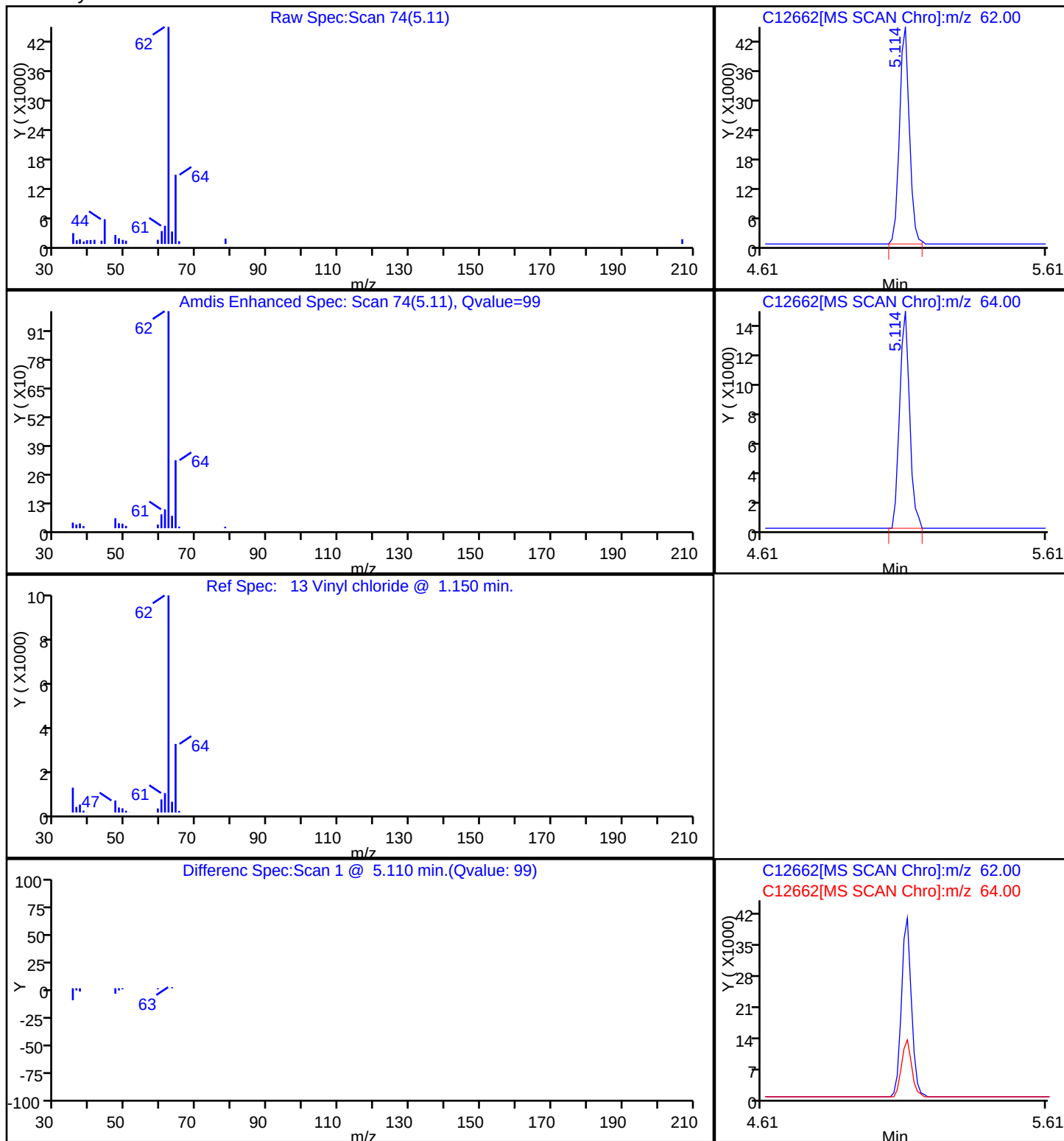
Lims Sample ID: 16

Operator ID: LH

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.: 480-7718-1

SDG No.: _____

Client Sample ID: MW-6 Lab Sample ID: 480-7718-3

Matrix: Ground Water Lab File ID: C12663.D

Analysis Method: 8260B Date Collected: 07/26/2011 11:40

Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 17:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)

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

Analysis Batch No.: 25167 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-6 Lab Sample ID: 480-7718-3
 Matrix: Ground Water Lab File ID: C12663.D
 Analysis Method: 8260B Date Collected: 07/26/2011 11:40
 Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 17:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 25167 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)	112		66-137
2037-26-5	Toluene-d8 (Surr)	107		71-126
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12663.D
 Lims ID: 480-7718-A-3 Client ID: MW-6
 Inject. Date: 27-Jul-2011 17:23:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-7718-A-3
 Misc. Info.: 480-0004882-017
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 16
 Lims Batch ID: 25167 Lims Sample ID: 17
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C-8260.m
 Last Update: 27-Jul-2011 22:31:12 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 27-Jul-2011 22:32:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.454	9.455	-0.001	96	700183	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	88	374490	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	97	344679	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	147564	27.9	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	95	773645	26.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	85	221944	25.8	
10 Dichlorodifluoromethane	85		4.486					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62		5.114					
14 Bromomethane	94		5.731					
15 Chloroethane	64		5.873					
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.810					
22 1,1-Dichloroethene	96		6.869					
23 Acetone	43		6.905					
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84		7.379					
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96		7.628					
39 1,1-Dichloroethane	63		8.020					
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96		8.518					
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97		8.933					
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78		9.241					
58 1,2-Dichloroethane	62		9.253					
62 Trichloroethene	95		9.716					
64 Methylcyclohexane	83		9.870					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.917					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
91 o-Xylene	106		12.301					
92 Styrene	104		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.585					
97 1,1,2,2-Tetrachloroethane	83		12.858					
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.305					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.238					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 27-Jul-2011 22:32:54

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12663.D

Injection Date: 27-Jul-2011 17:23:30

Limit Group: MV - 8260B ICAL

Client ID: MW-6

Instrument ID: HP5973C

Lims Batch ID: 25167

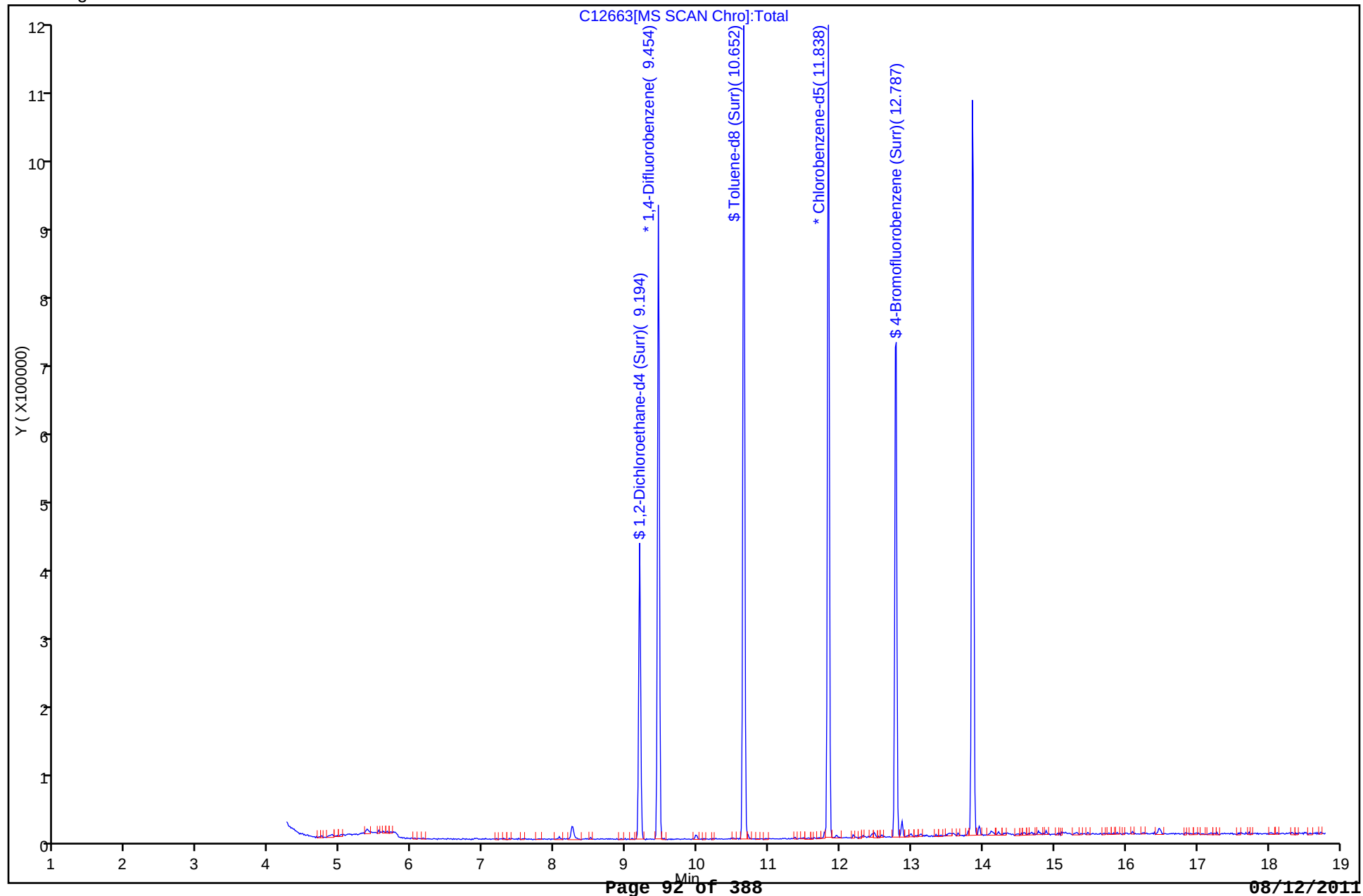
Lims Sample ID: 17

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Client Sample ID: MW-8R Lab Sample ID: 480-7718-4

Matrix: Ground Water Lab File ID: C12664.D

Analysis Method: 8260B Date Collected: 07/26/2011 14:25

Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 17:48

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)

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

Analysis Batch No.: 25167 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	150	E	1.0	0.21
79-00-5	1,1,2-Trichloroethane	27		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	510	E	1.0	0.38
75-35-4	1,1-Dichloroethene	56		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	9.3		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	15		10	3.0
71-43-2	Benzene	1.6		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	230	E	1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	80		1.0	0.32
67-66-3	Chloroform	0.77	J	1.0	0.34
74-87-3	Chloromethane	8.3		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	3900	E	1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-8R Lab Sample ID: 480-7718-4
 Matrix: Ground Water Lab File ID: C12664.D
 Analysis Method: 8260B Date Collected: 07/26/2011 14:25
 Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 17:48
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 25167 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	2.5		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	5.3		1.0	0.36
108-88-3	Toluene	14		1.0	0.51
156-60-5	<i>trans</i> -1,2-Dichloroethene	1800	E	1.0	0.90
10061-02-6	<i>trans</i> -1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	4500	E	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	1000	E	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)	109		66-137
2037-26-5	Toluene-d8 (Surr)	107		71-126
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D
 Lims ID: 480-7718-A-4 Client ID: MW-8R
 Inject. Date: 27-Jul-2011 17:48:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-7718-A-4
 Misc. Info.: 480-0004882-018
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 17
 Lims Batch ID: 25167 Lims Sample ID: 18
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C-8260.m
 Last Update: 27-Jul-2011 22:36:24 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 27-Jul-2011 22:36:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.467	9.455	0.012	96	738918	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	89	382880	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	96	343871	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	151884	27.2	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	91	789853	26.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	84	227173	25.8	
10 Dichlorodifluoromethane	85		4.486					
12 Chloromethane	50	4.889	4.877	0.012	88	109487	8.26	
13 Vinyl chloride	62	5.138	5.114	0.024	99	12866964	1013.0	E
14 Bromomethane	94		5.731					
15 Chloroethane	64	5.873	5.873	0.0	94	605886	80.0	
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.810					
22 1,1-Dichloroethene	96	6.870	6.869	0.001	86	464455	56.1	
23 Acetone	43	6.917	6.905	0.012	95	47555	14.5	
26 Carbon disulfide	76	7.190	7.190	0.0	100	5790192	225.1	E
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84	7.379	7.379	0.0	84	26889	2.45	
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	85	16560236	1777.9	E
39 1,1-Dichloroethane	63	8.020	8.020	0.0	85	9367295	506.6	E
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96	8.494	8.518	-0.024	1	39058791	3940.5	EM
50 Chloroform	83	8.755	8.755	0.0	30	13631	0.7679	
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	64	16629	1.15	
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78	9.241	9.241	0.0	57	55915	1.57	
58 1,2-Dichloroethane	62	9.253	9.253	0.0	85	139087	9.25	
62 Trichloroethene	95	9.704	9.704	-0.012	59	42129609	4516.8	EM
64 Methylcyclohexane	83		9.870					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.917					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92	10.712	10.712	0.0	94	292033	14.1	
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	78	174948	26.6	
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166	11.162	11.162	0.0	80	44992	5.30	
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
91 o-Xylene	106		12.301					
92 Styrene	104		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.585					
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	88	1541645	149.1	E
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.305					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.238					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

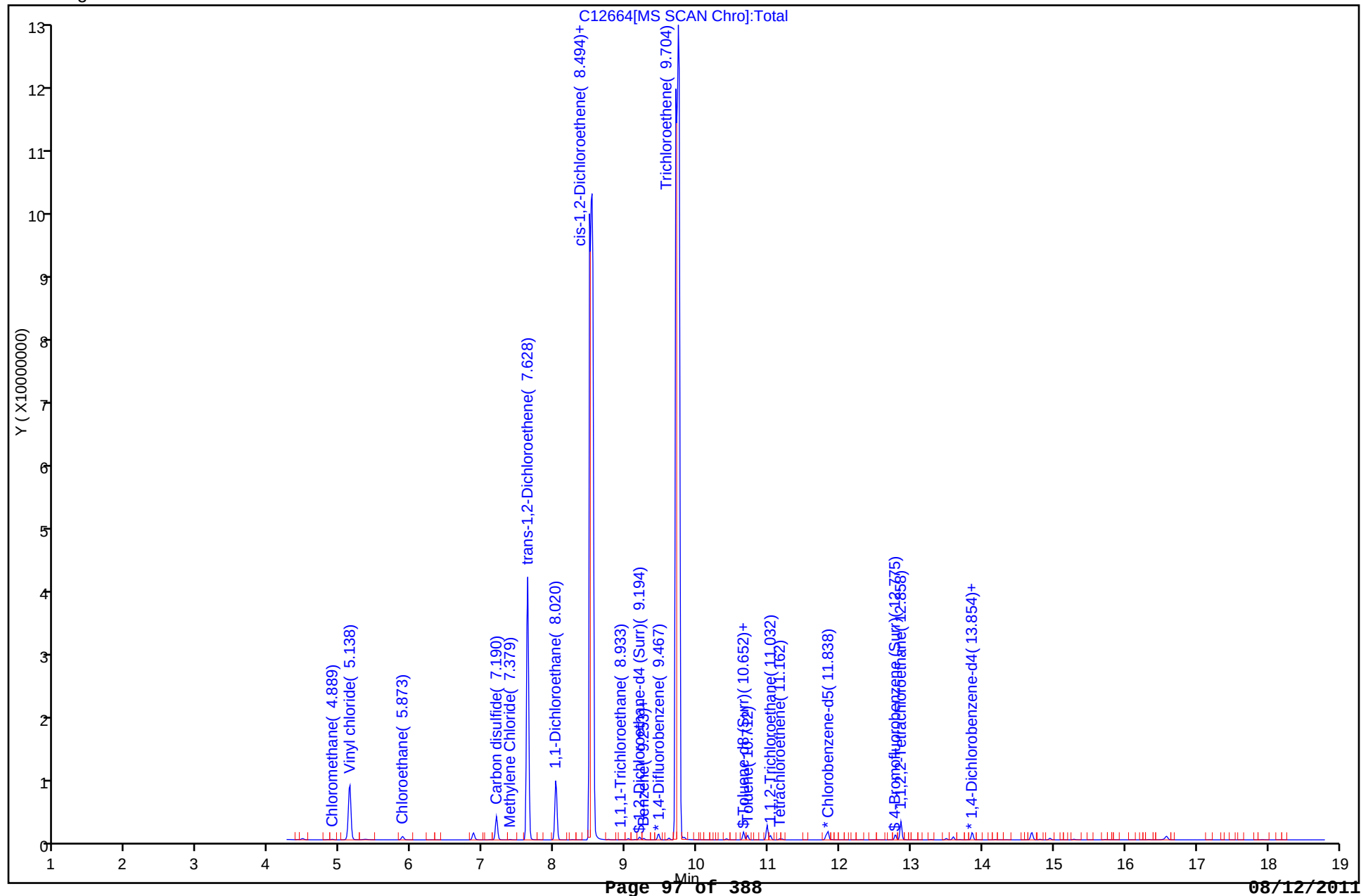
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

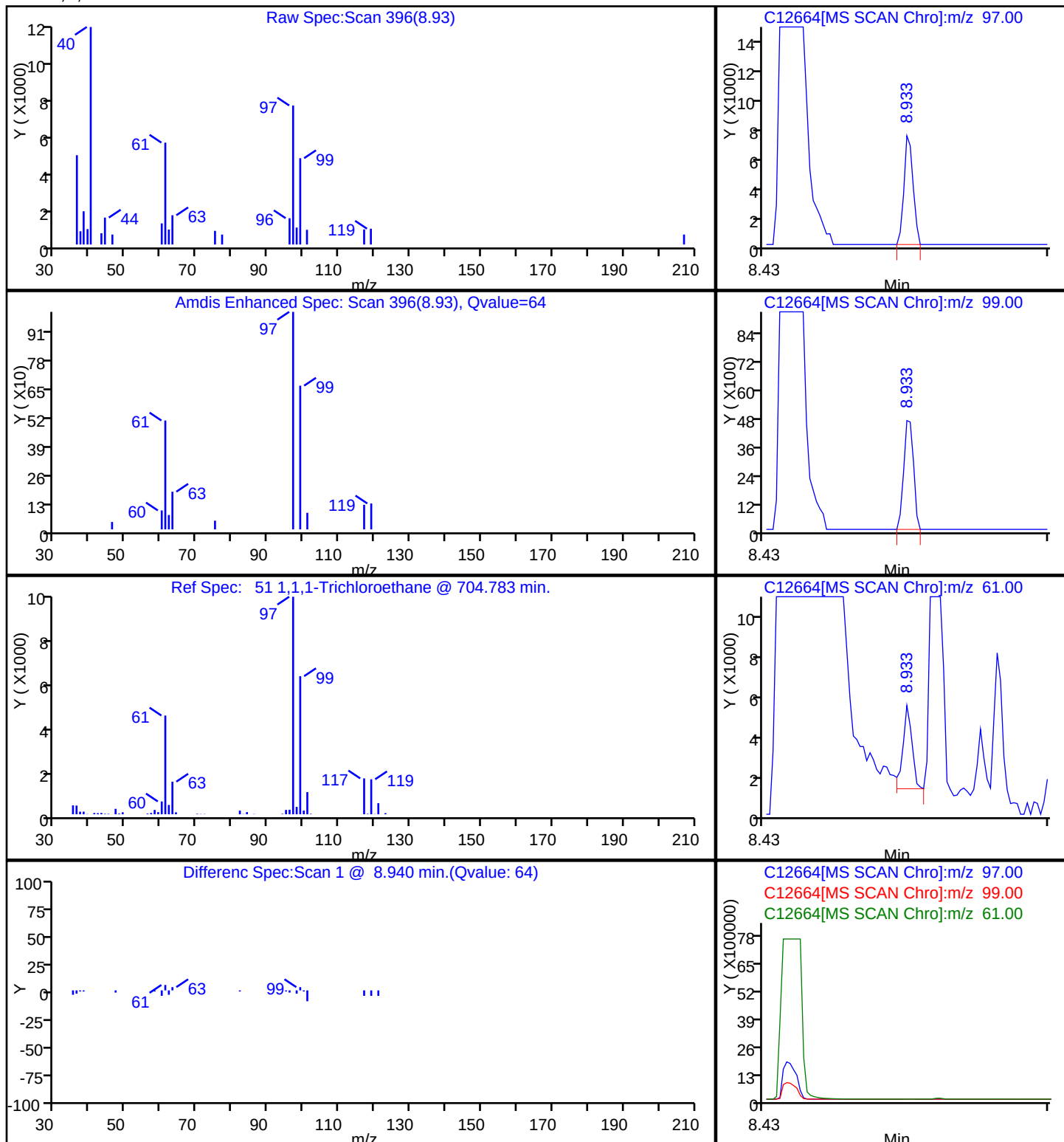
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

51 1,1,1-Trichloroethane



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

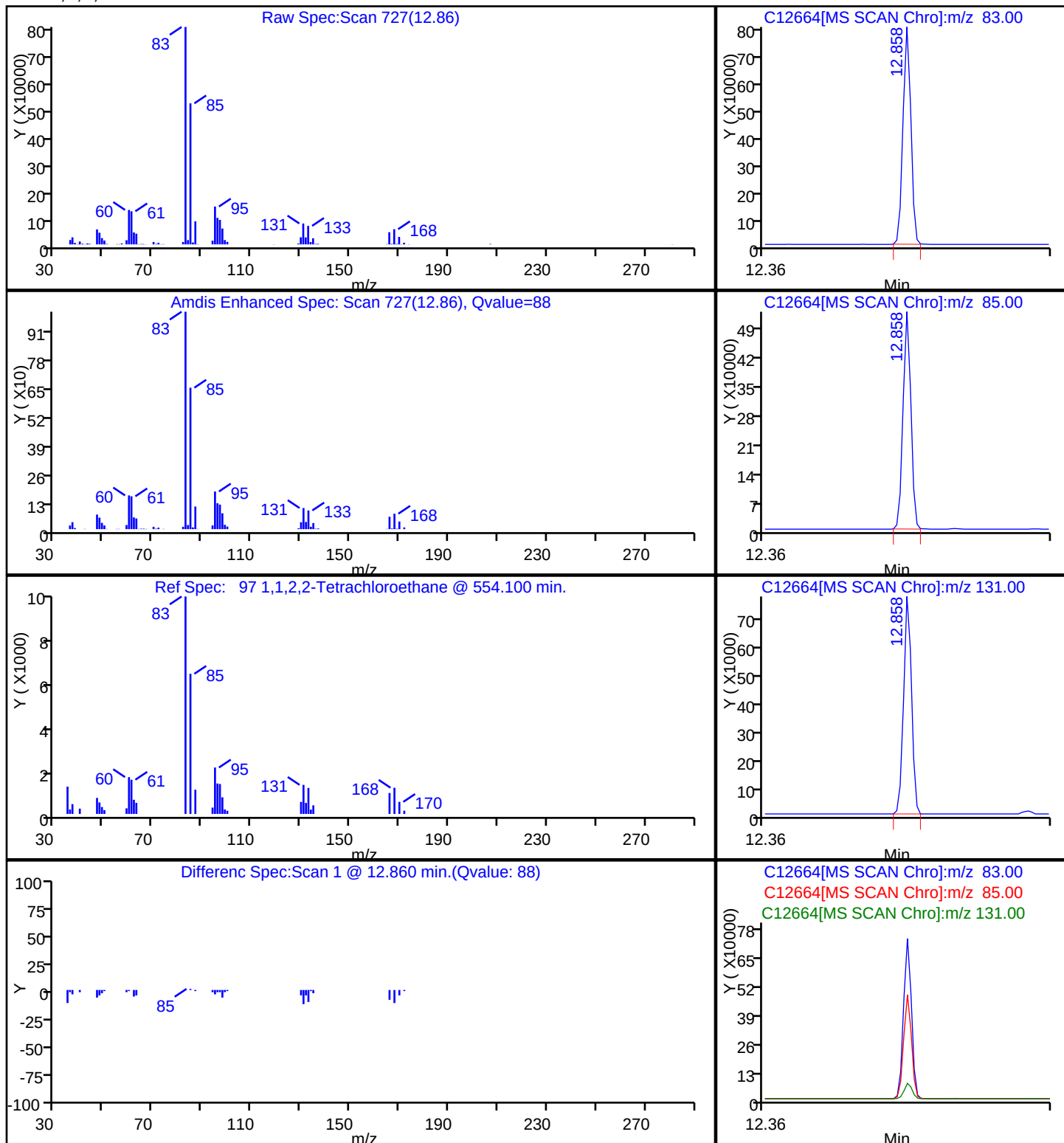
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

97 1,1,2,2-Tetrachloroethane



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

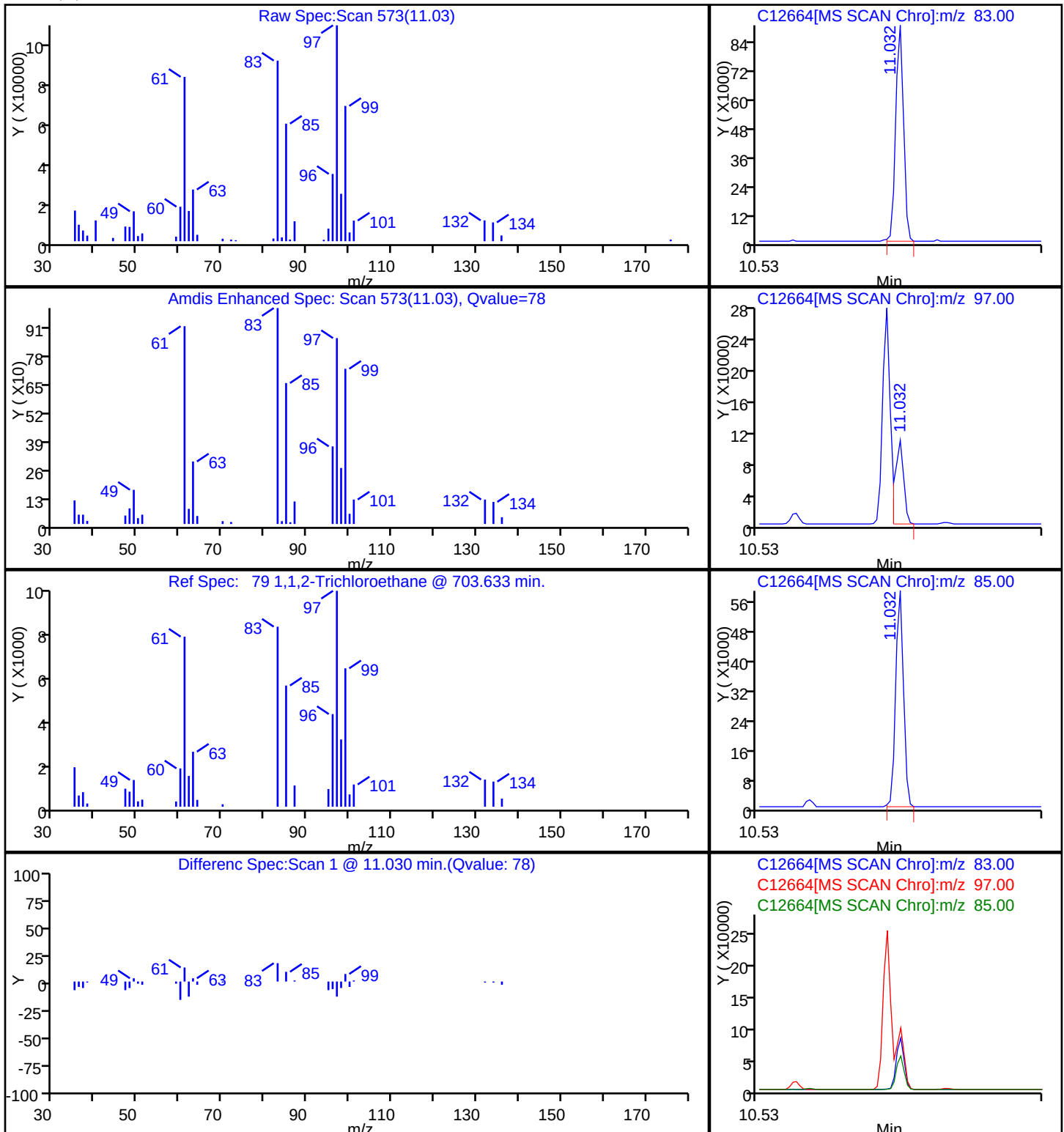
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

79 1,1,2-Trichloroethane



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

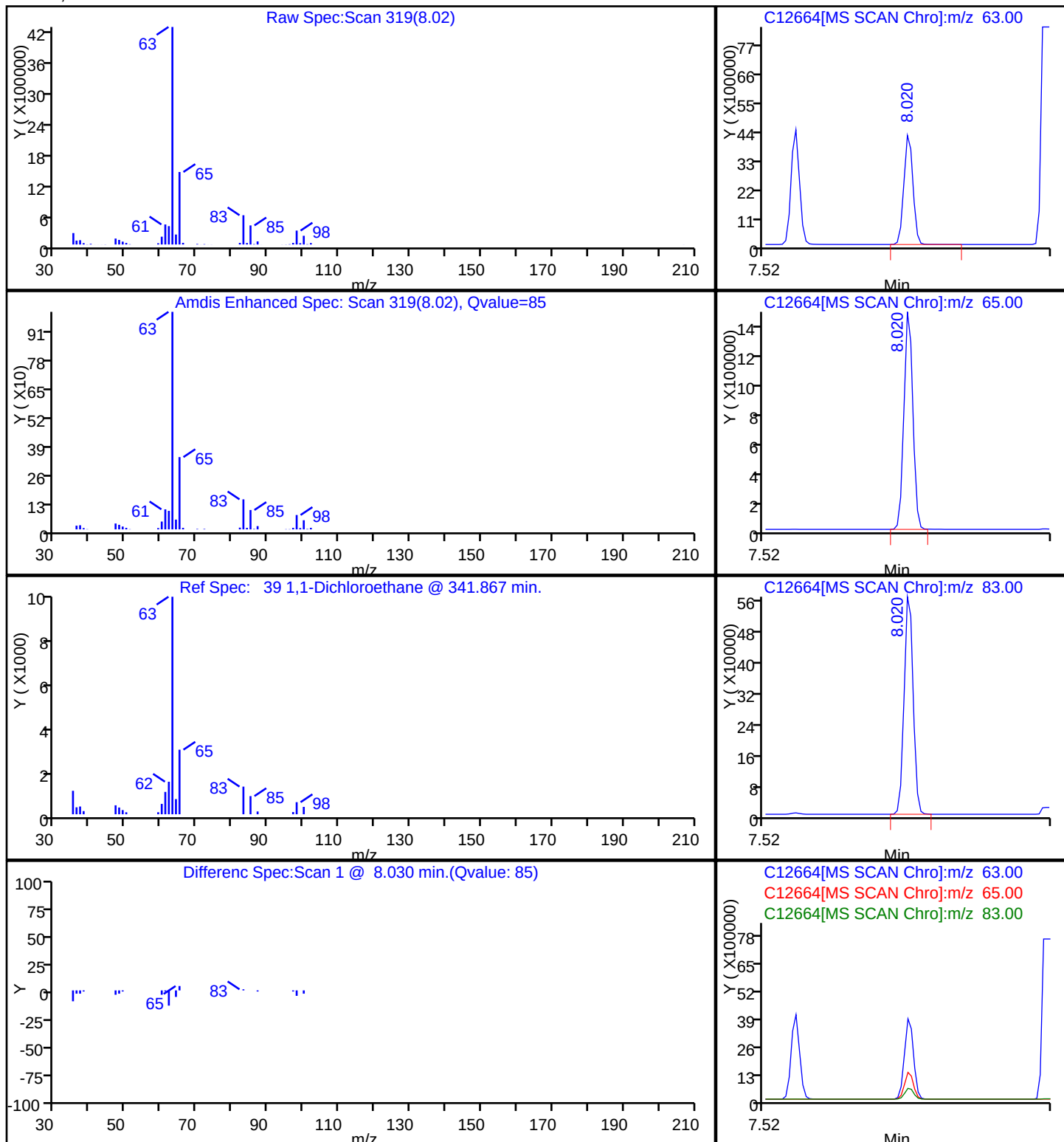
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

39 1,1-Dichloroethane



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

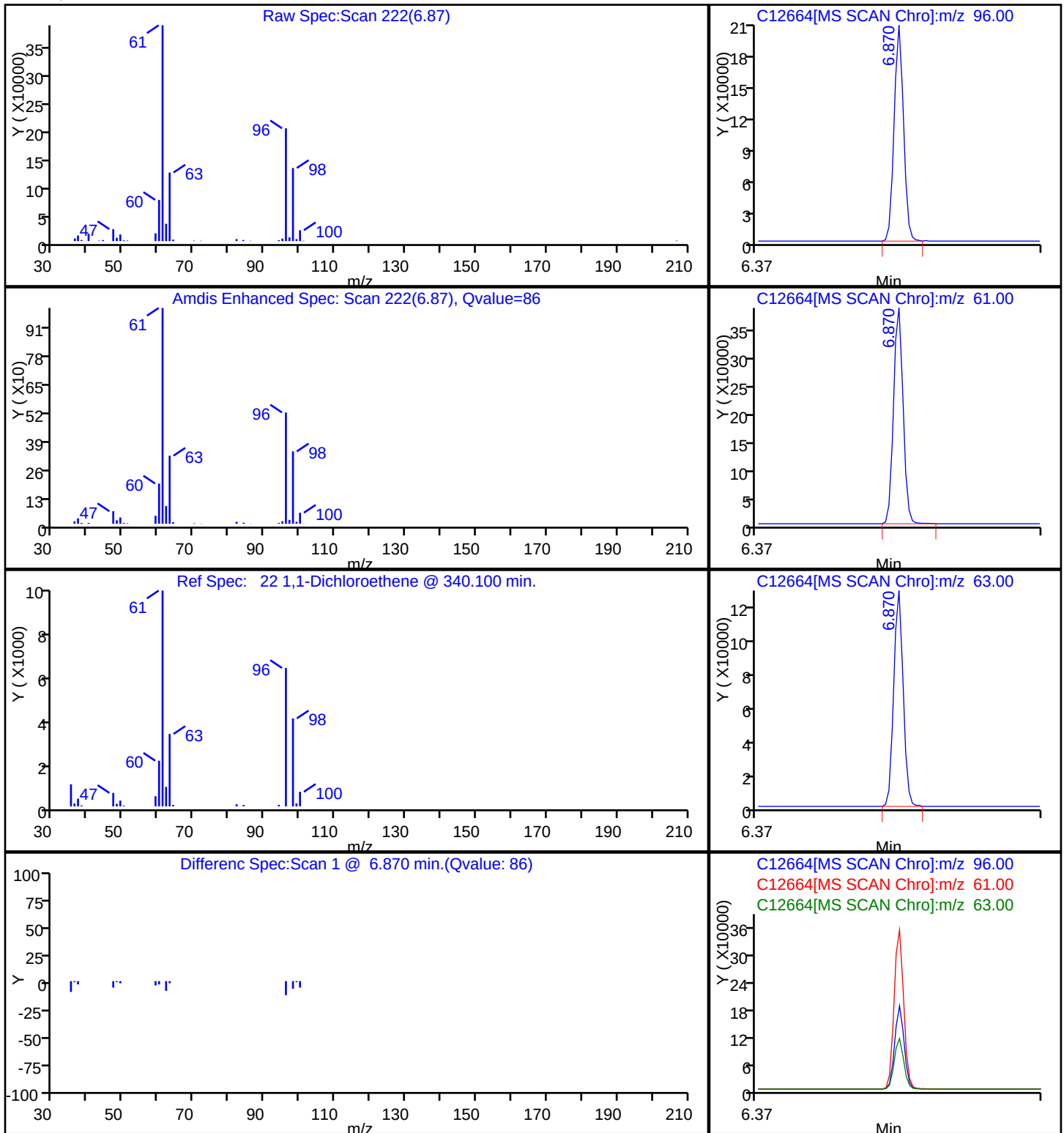
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

22 1,1-Dichloroethene



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

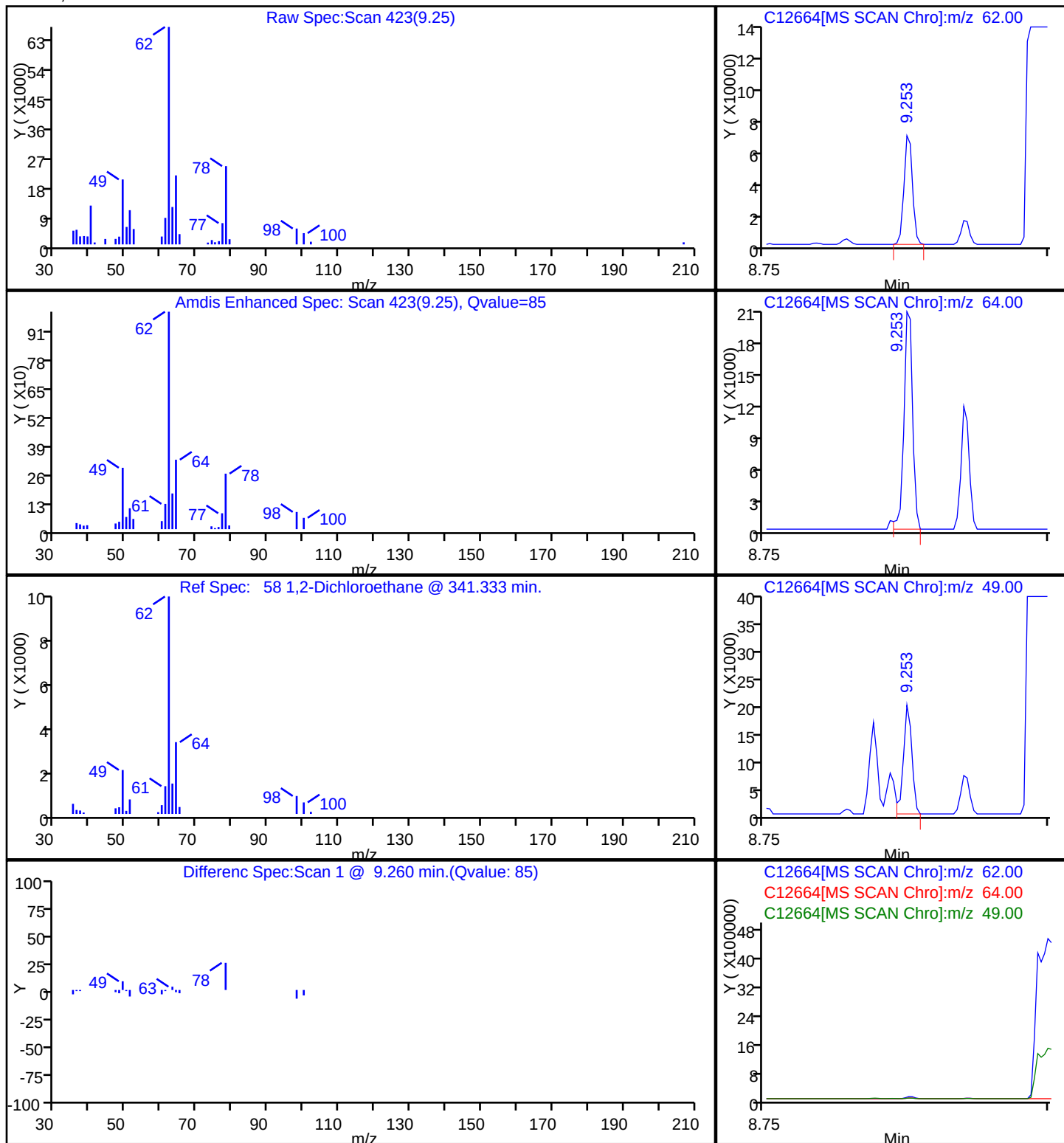
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

58 1,2-Dichloroethane



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

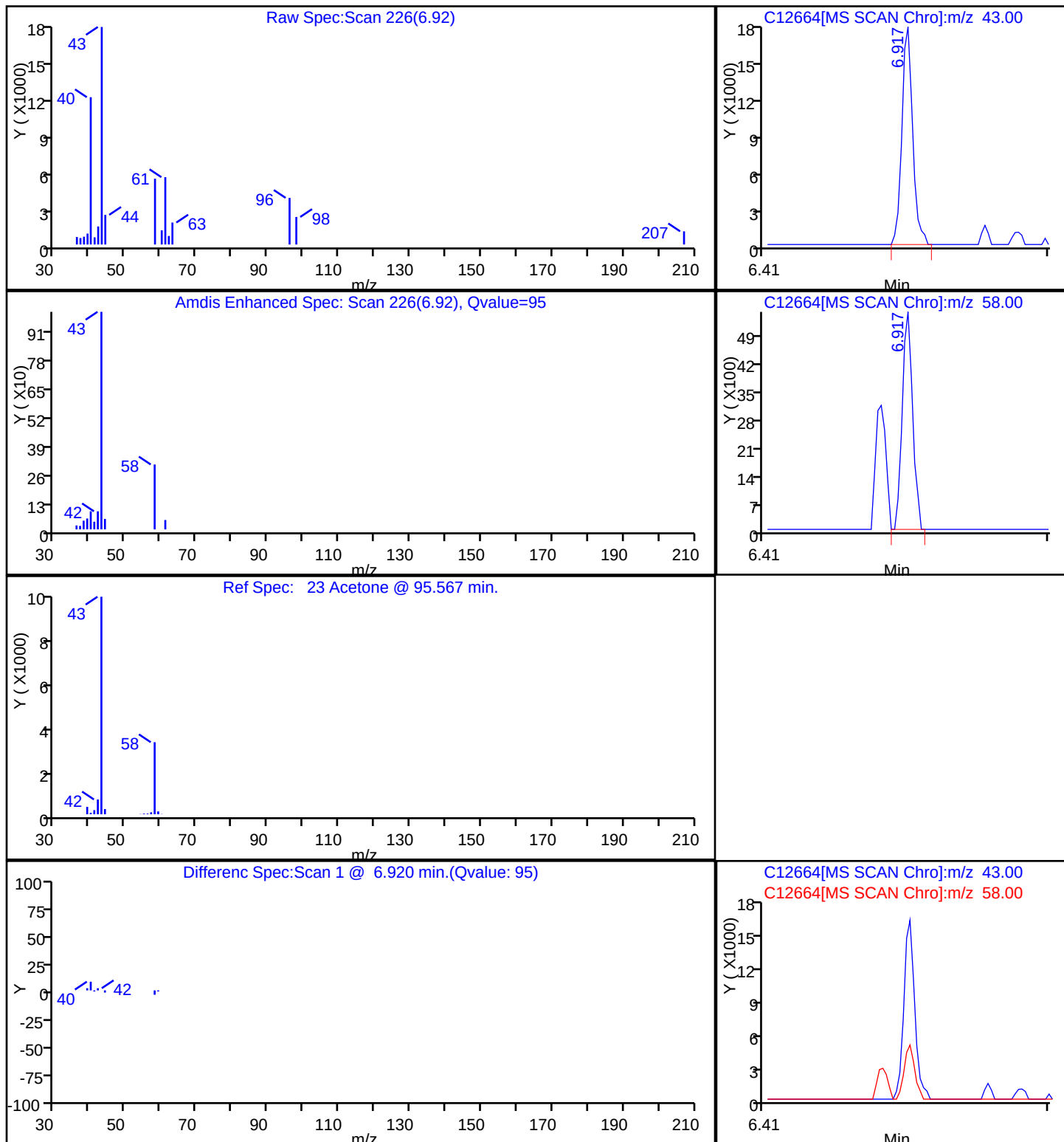
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

23 Acetone



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

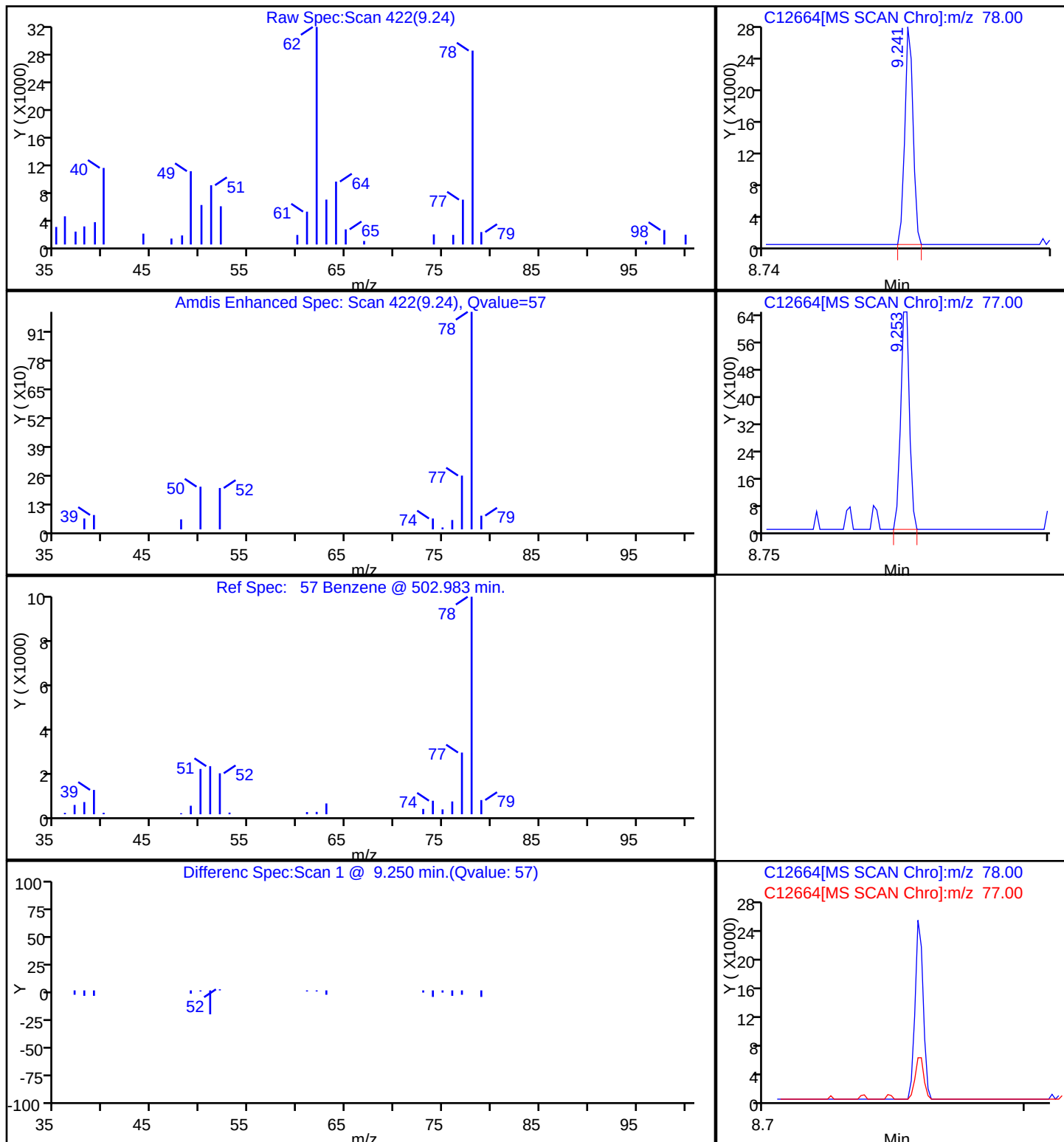
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

57 Benzene



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

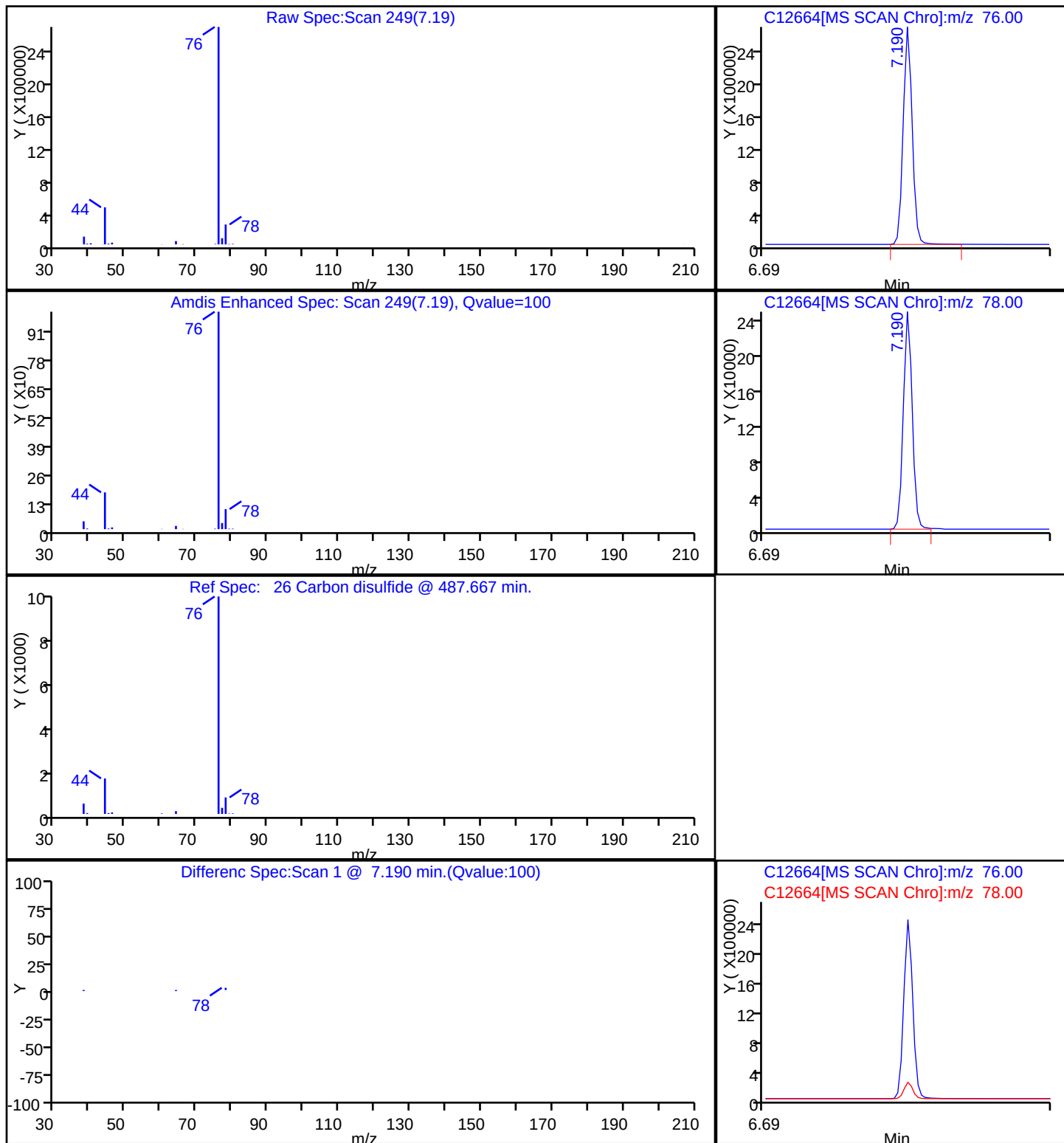
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

26 Carbon disulfide



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

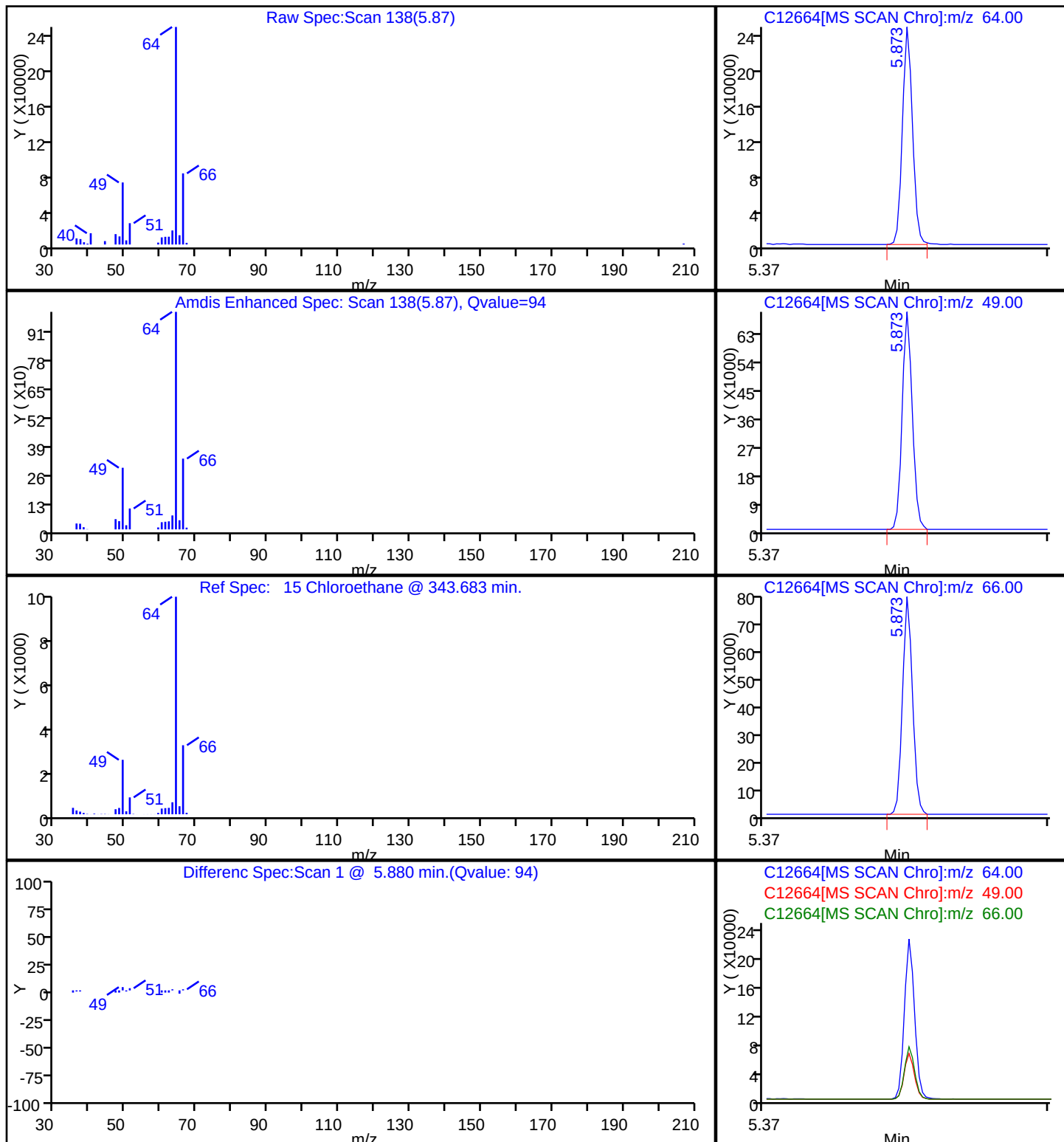
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

15 Chloroethane



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

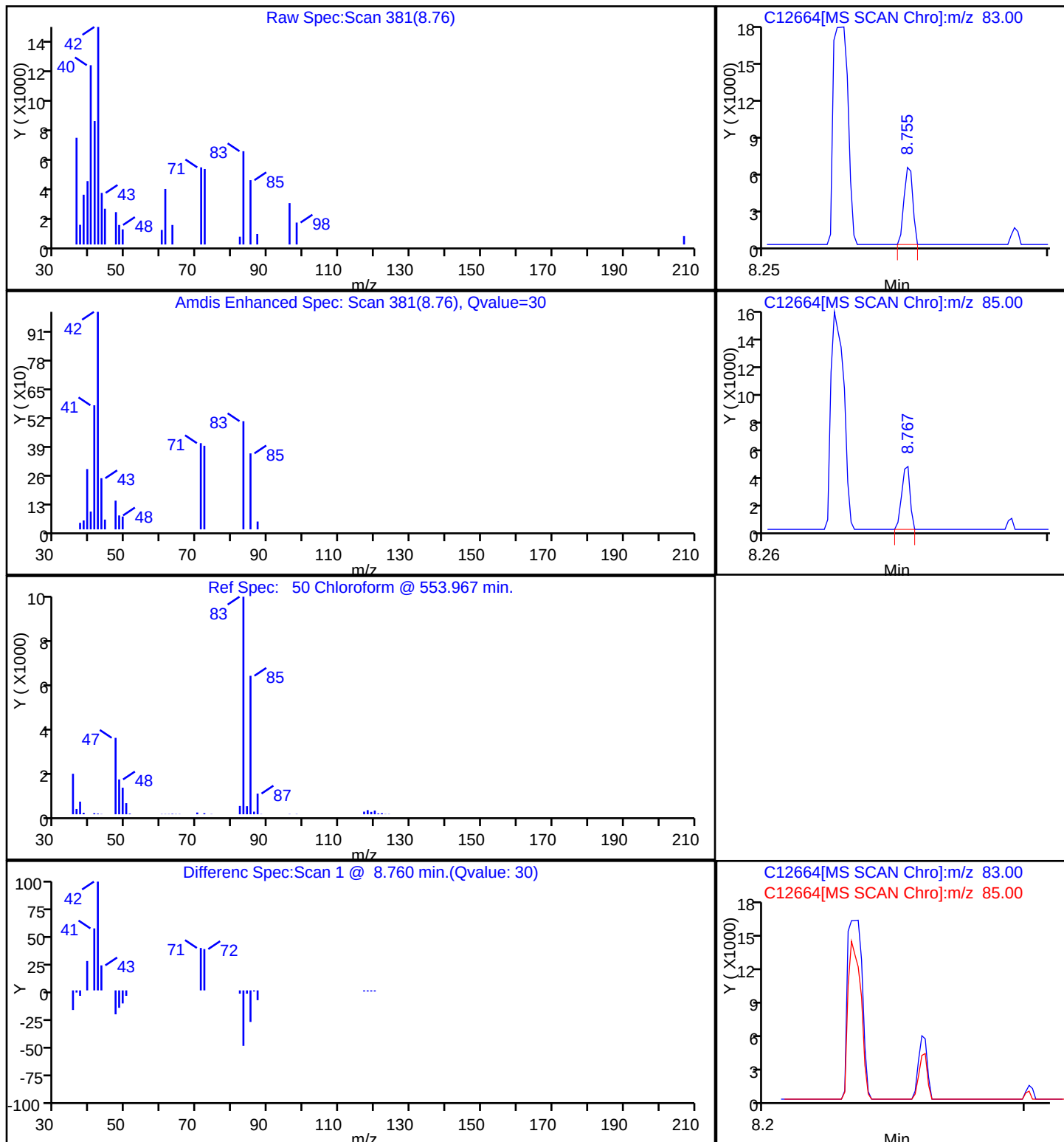
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

50 Chloroform



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

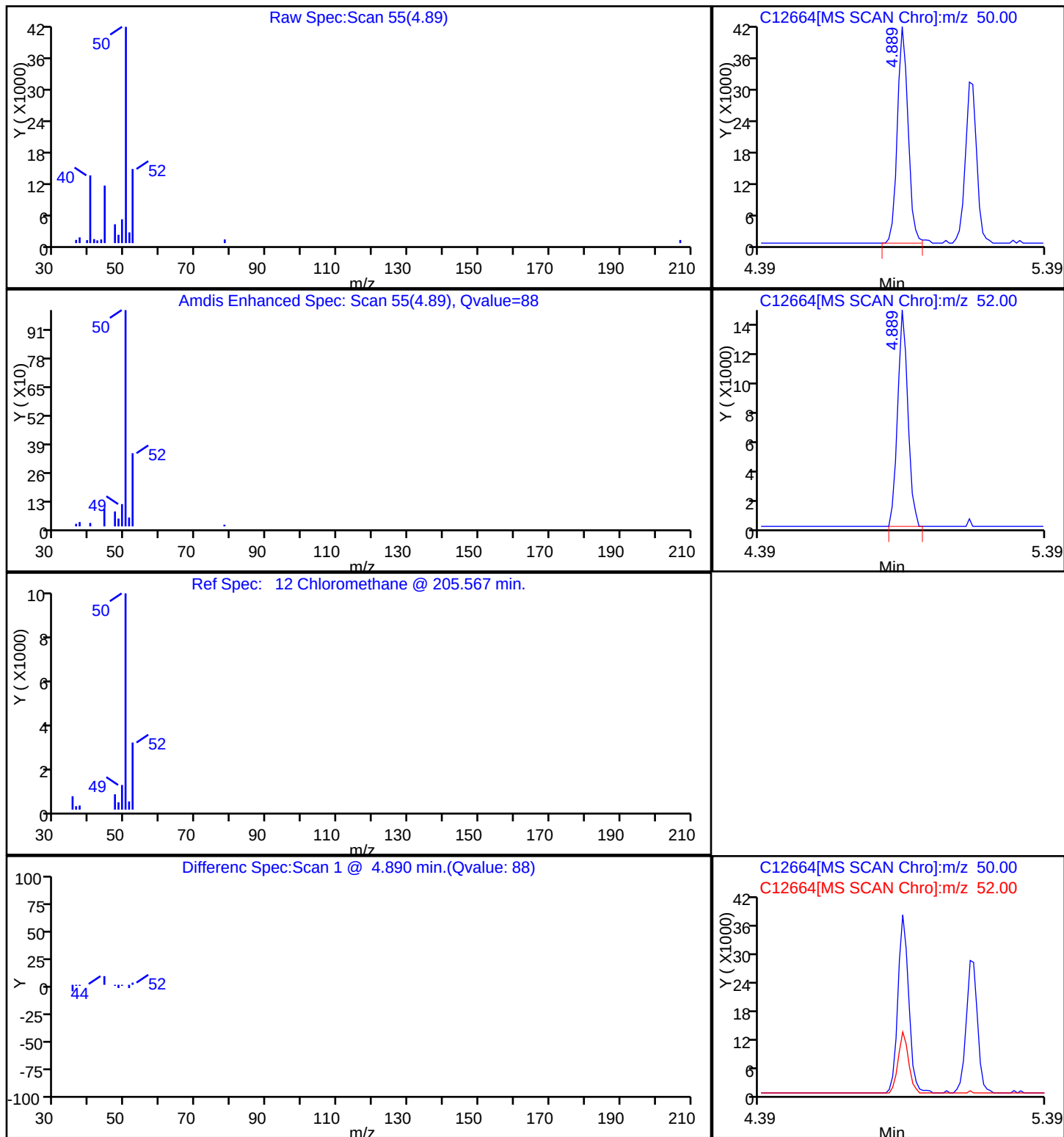
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

12 Chloromethane



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

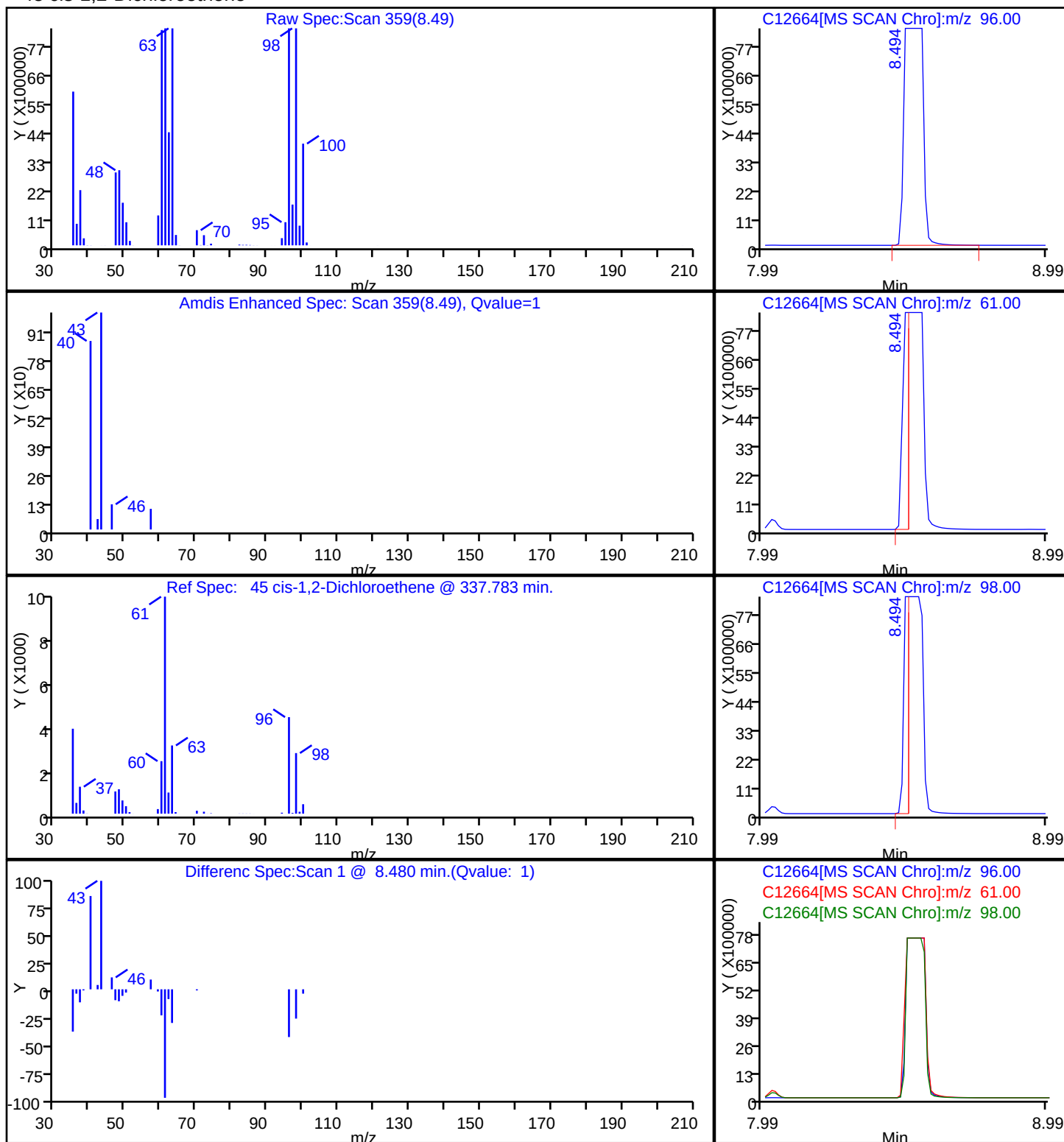
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

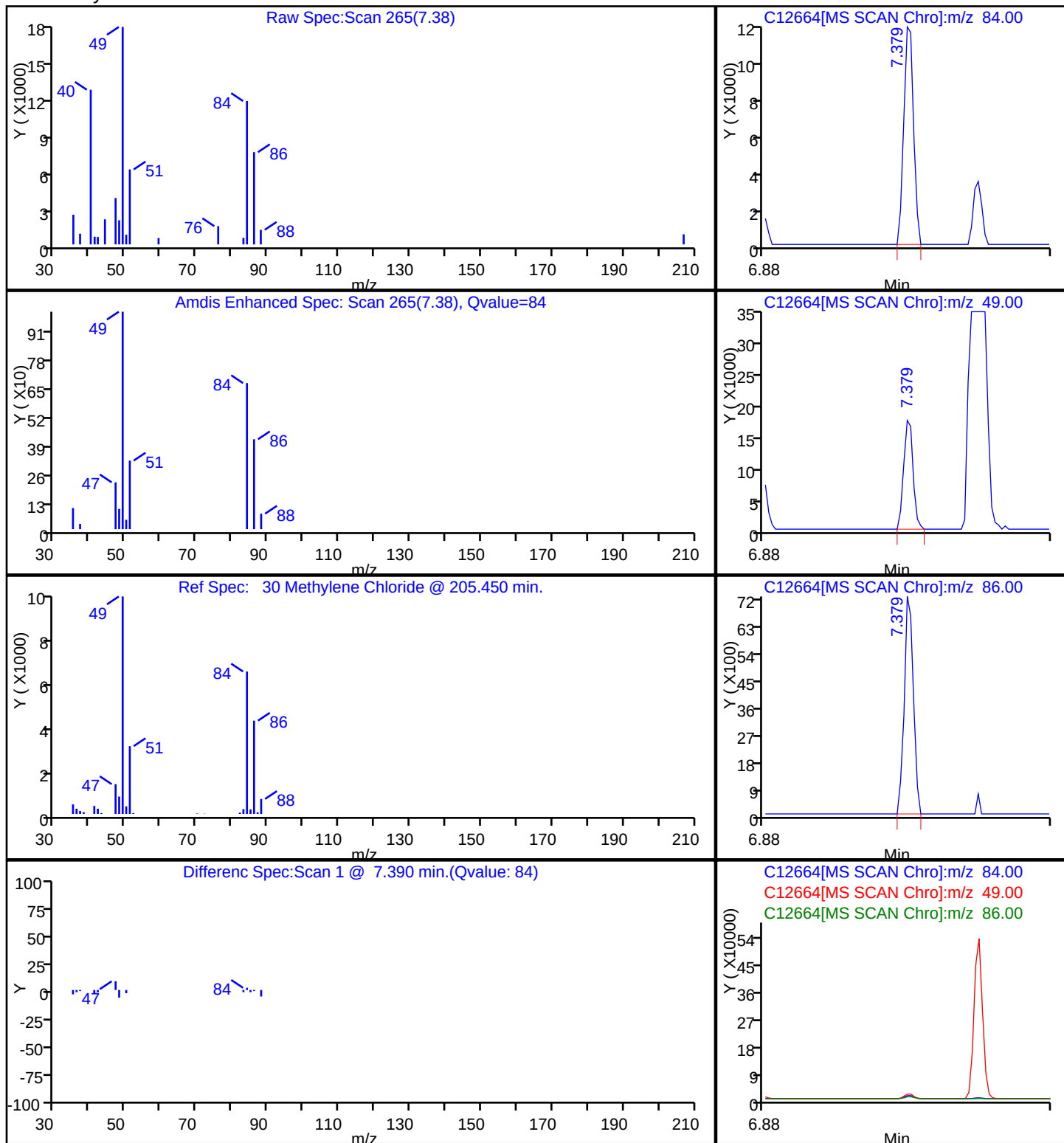
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

30 Methylene Chloride



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

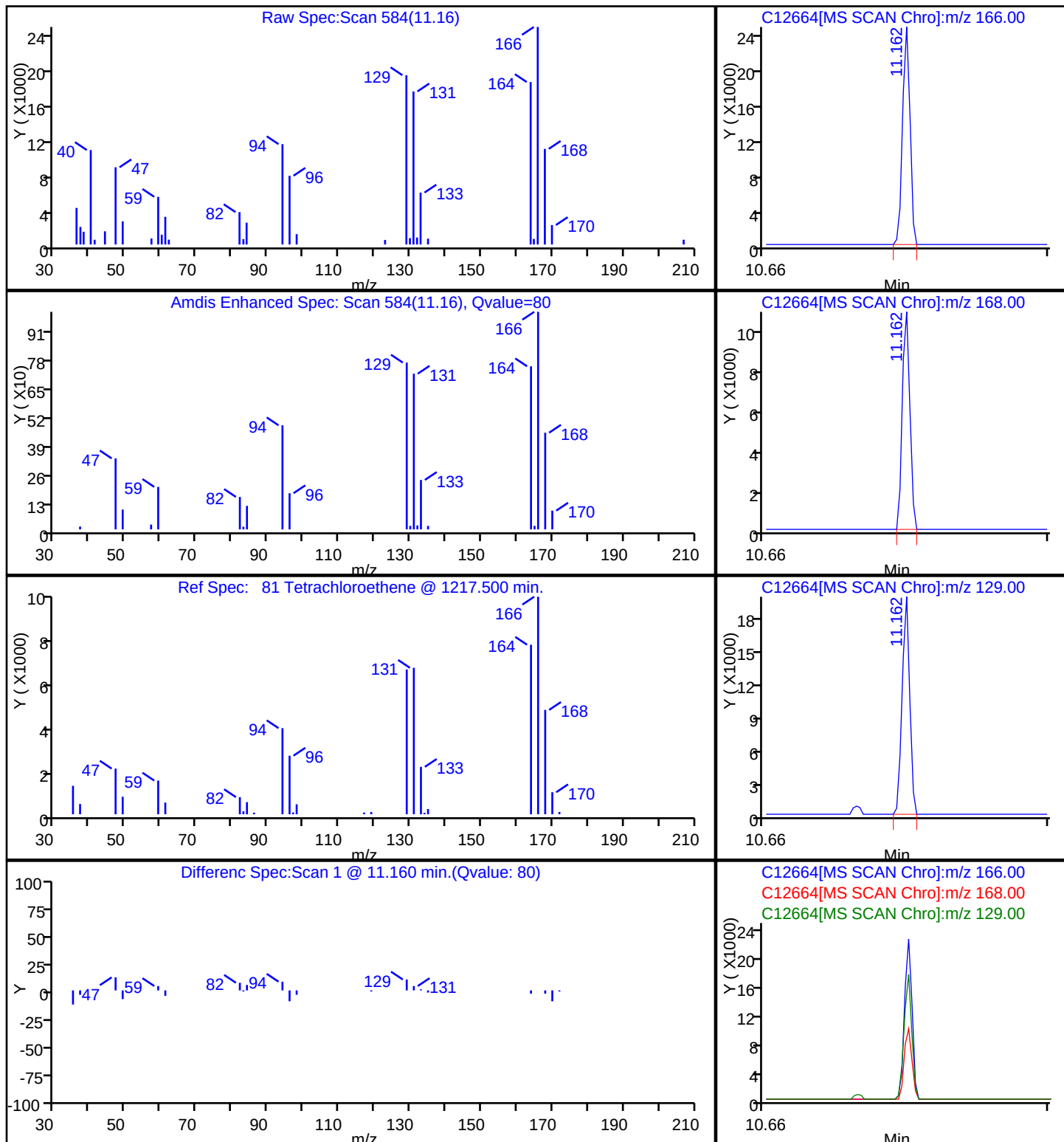
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

81 Tetrachloroethene



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

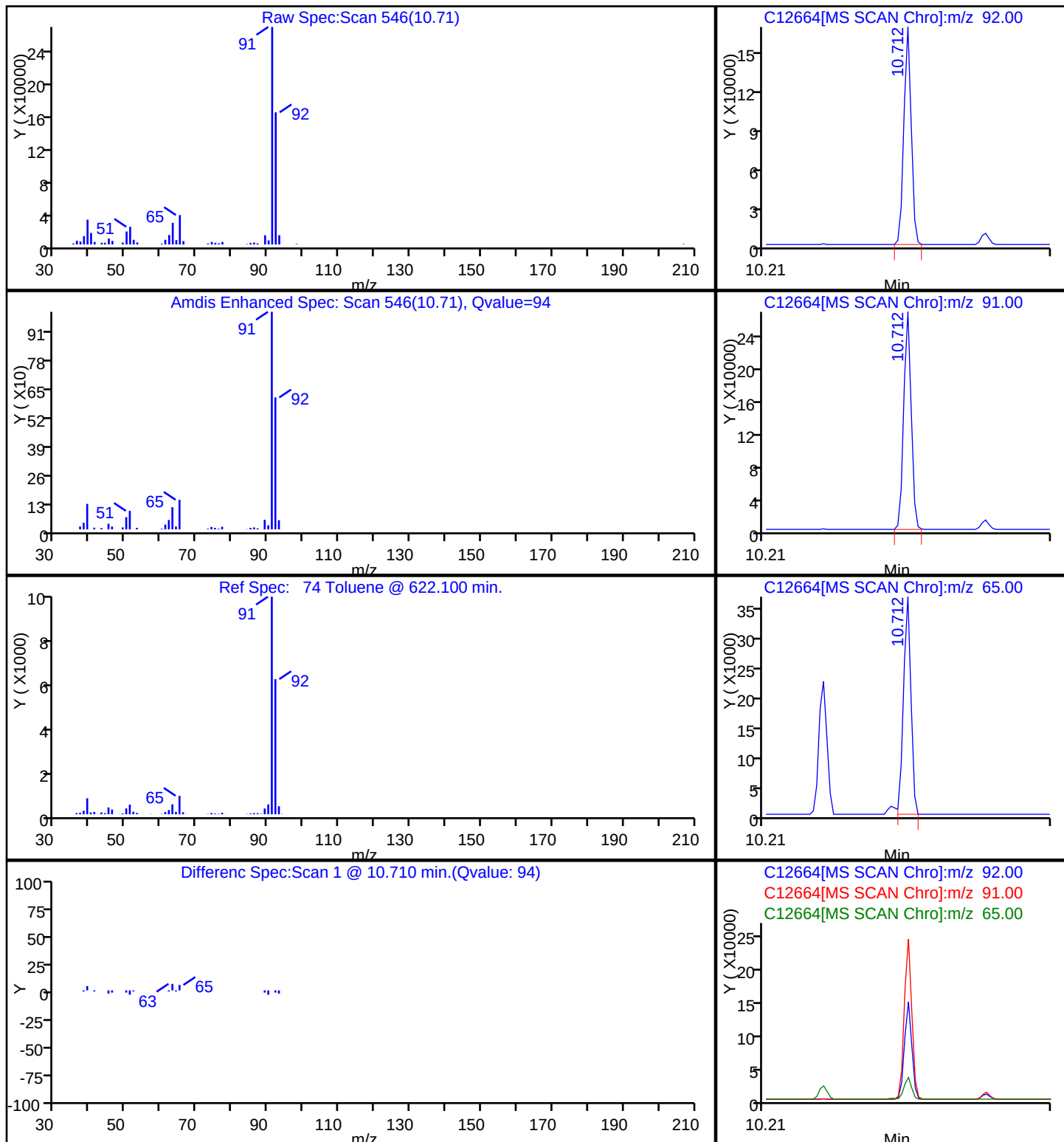
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

74 Toluene



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

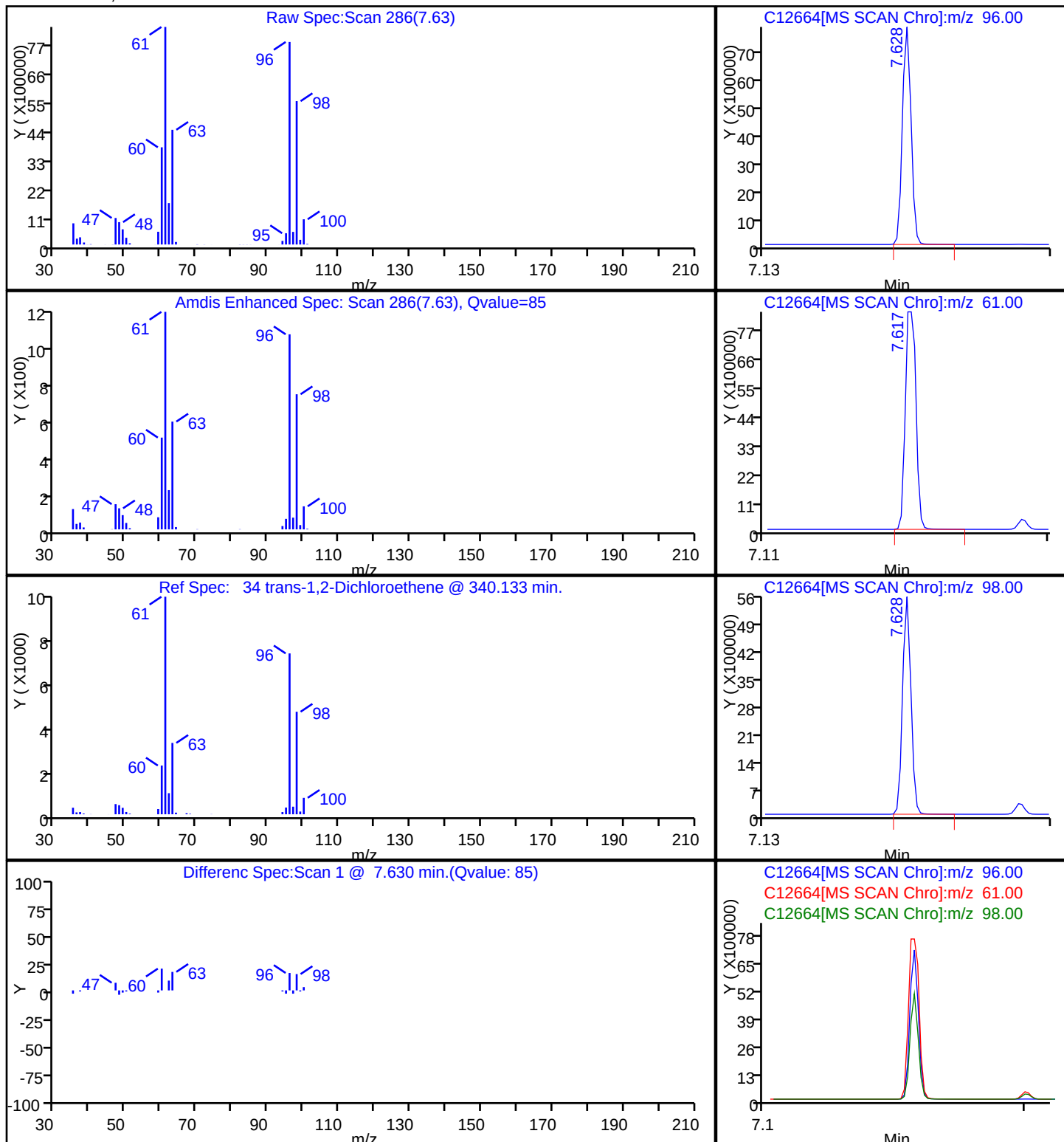
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

34 trans-1,2-Dichloroethene



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

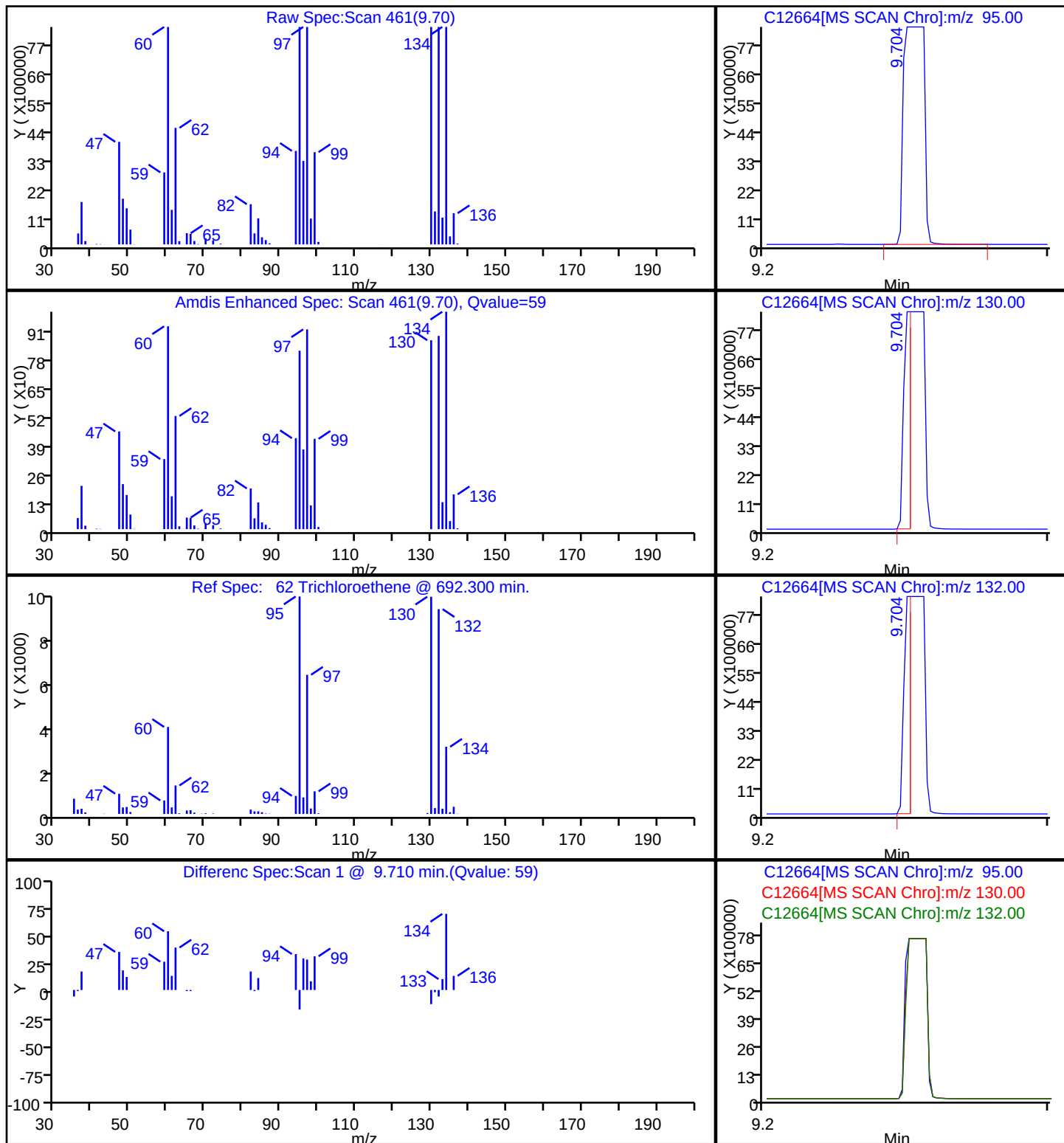
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

62 Trichloroethene



Report Date: 27-Jul-2011 22:36:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D

Injection Date: 27-Jul-2011 17:48:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5973C

Lims Batch ID: 25167

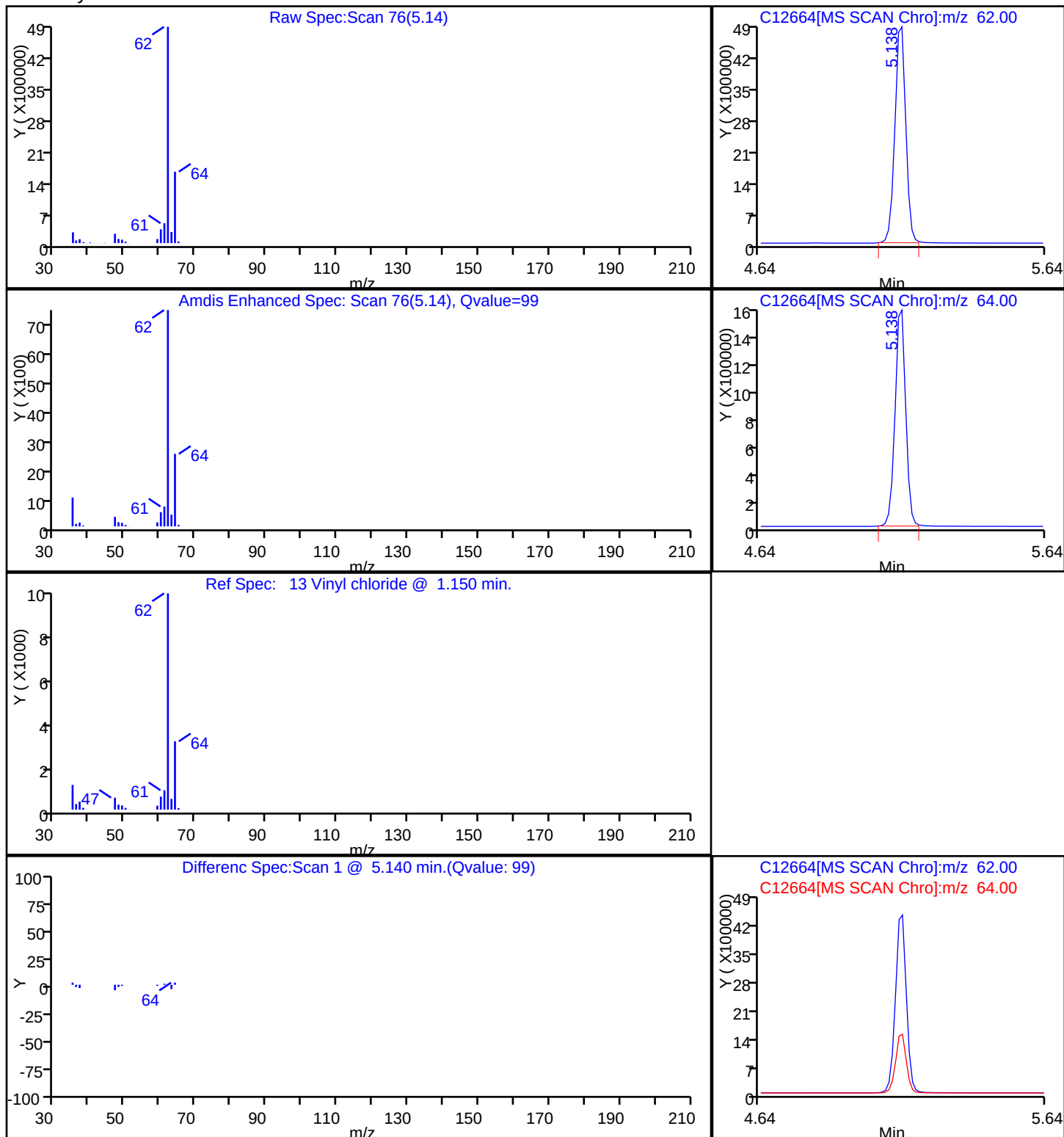
Lims Sample ID: 18

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

13 Vinyl chloride

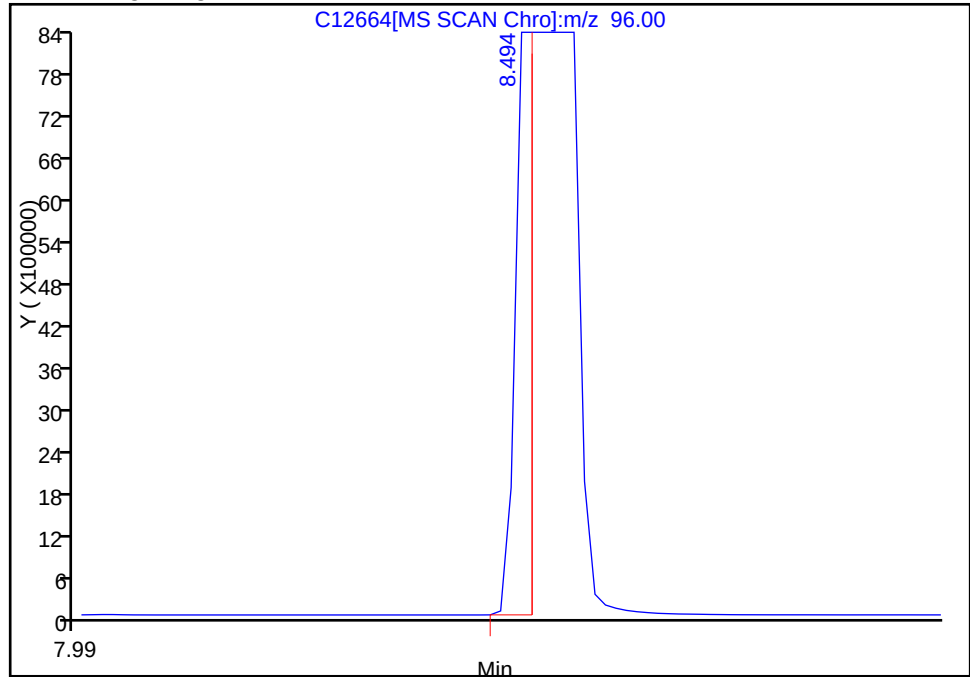


Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D
Injection Date: 27-Jul-2011 17:48:30 Limit Group: MV - 8260B ICAL
Client ID: MW-8R Instrument ID: HP5973C
Lims Batch ID: 25167 Lims Sample ID: 18
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene, Signal: 1, m/z: 96.0 Type: quant, RT: 8.52

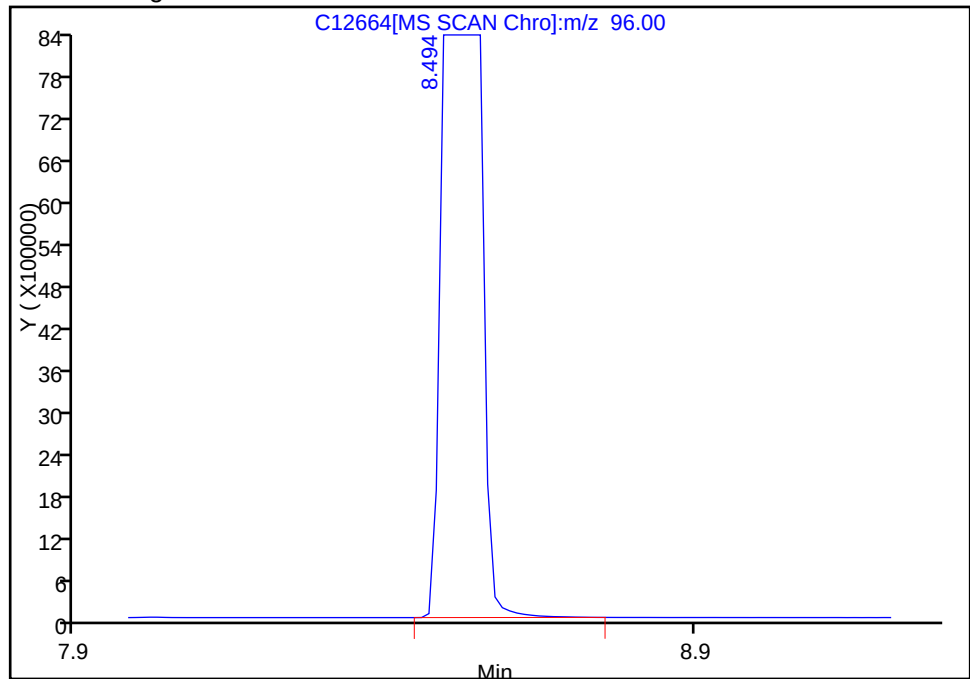
RT: 8.49
Response: 13279504
Amount: 1339.7333

Processing Integration Results



RT: 8.49
Response: 39058791
Amount: 3940.5360

Manual Integration Results



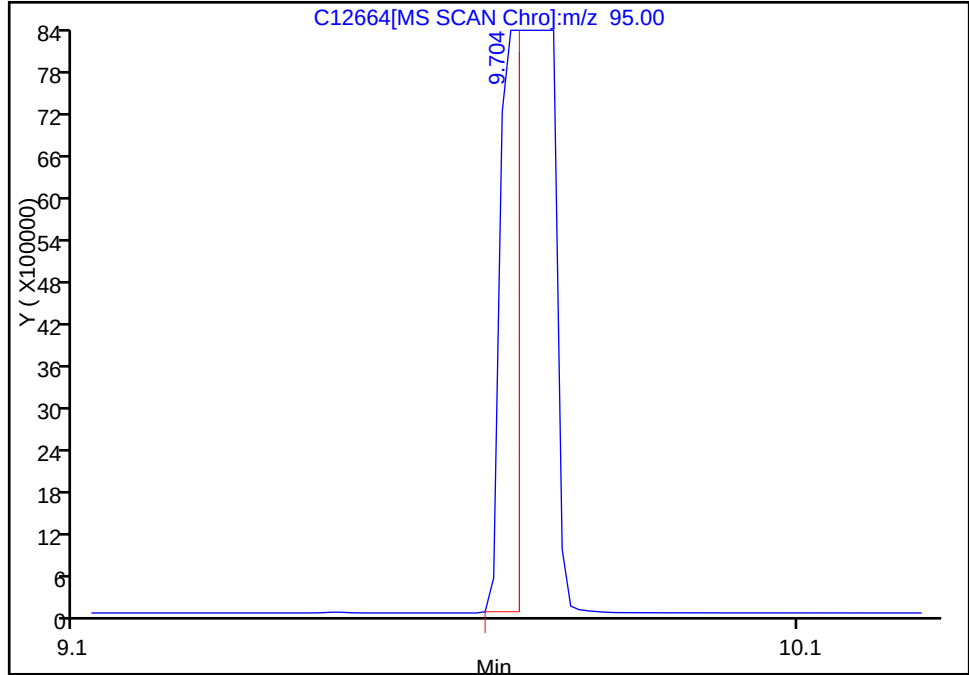
Reviewer: cwklinc, 27-Jul-2011 22:34:15
Audit Action: Manually Integrated
Audit Reason: Split Peak

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12664.D
Injection Date: 27-Jul-2011 17:48:30 Limit Group: MV - 8260B ICAL
Client ID: MW-8R Instrument ID: HP5973C
Lims Batch ID: 25167 Lims Sample ID: 18
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

62 Trichloroethene, Signal: 1, m/z: 95.0 Type: quant, RT: 9.72

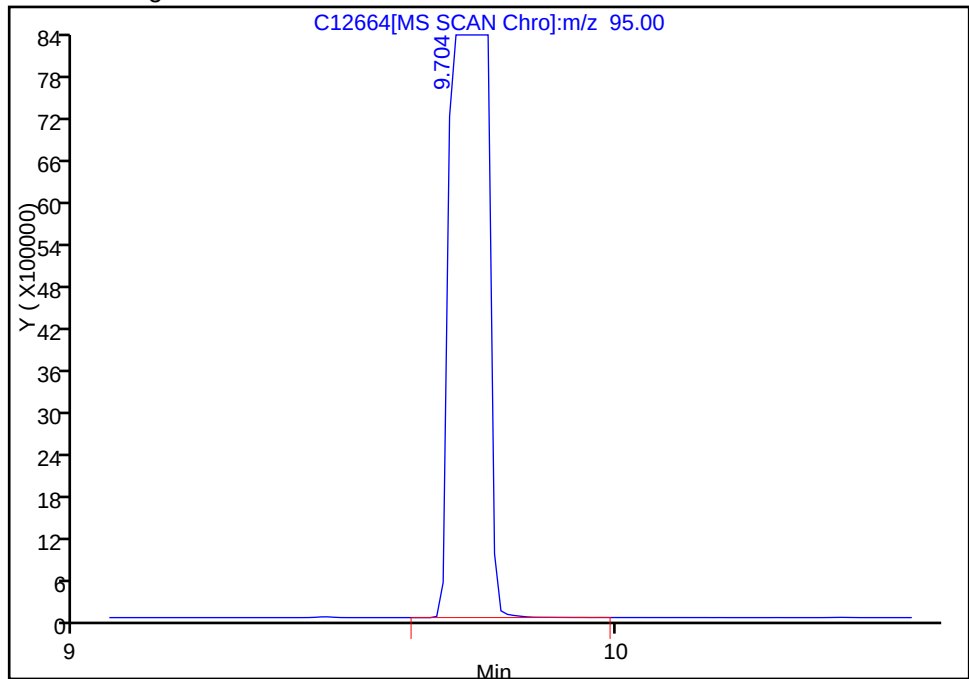
RT: 9.70
Response: 17380590
Amount: 1863.3931

Processing Integration Results



RT: 9.70
Response: 42129609
Amount: 4516.7640

Manual Integration Results



Reviewer: cwiklinc, 27-Jul-2011 22:36:23

Audit Action: Manually Integrated

Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Client Sample ID: MW-8R DL Lab Sample ID: 480-7718-4 DL

Matrix: Ground Water Lab File ID: T9991.D

Analysis Method: 8260B Date Collected: 07/26/2011 14:25

Sample wt/vol: 5(mL) Date Analyzed: 08/02/2011 15:33

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.: 25890 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		800	660
79-34-5	1,1,2,2-Tetrachloroethane	ND		800	170
79-00-5	1,1,2-Trichloroethane	ND		800	180
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250
75-34-3	1,1-Dichloroethane	510	J	800	300
75-35-4	1,1-Dichloroethene	ND		800	230
120-82-1	1,2,4-Trichlorobenzene	ND		800	330
96-12-8	1,2-Dibromo-3-Chloropropane	ND		800	310
106-93-4	1,2-Dibromoethane	ND		800	580
95-50-1	1,2-Dichlorobenzene	ND		800	630
107-06-2	1,2-Dichloroethane	ND		800	170
78-87-5	1,2-Dichloropropane	ND		800	580
541-73-1	1,3-Dichlorobenzene	ND		800	620
106-46-7	1,4-Dichlorobenzene	ND		800	670
591-78-6	2-Hexanone	ND		4000	990
78-93-3	2-Butanone (MEK)	ND		8000	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		4000	1700
67-64-1	Acetone	ND		8000	2400
71-43-2	Benzene	ND		800	330
75-27-4	Bromodichloromethane	ND		800	310
75-25-2	Bromoform	ND		800	210
74-83-9	Bromomethane	ND		800	550
75-15-0	Carbon disulfide	ND		800	150
56-23-5	Carbon tetrachloride	ND		800	220
108-90-7	Chlorobenzene	ND		800	600
124-48-1	Dibromochloromethane	ND		800	260
75-00-3	Chloroethane	ND		800	260
67-66-3	Chloroform	ND		800	270
74-87-3	Chloromethane	ND		800	280
156-59-2	cis-1,2-Dichloroethene	26000		800	650
10061-01-5	cis-1,3-Dichloropropene	ND		800	290
110-82-7	Cyclohexane	ND		800	140
75-71-8	Dichlorodifluoromethane	ND		800	540
100-41-4	Ethylbenzene	ND		800	590
98-82-8	Isopropylbenzene	ND		800	630

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-8R DL Lab Sample ID: 480-7718-4 DL
 Matrix: Ground Water Lab File ID: T9991.D
 Analysis Method: 8260B Date Collected: 07/26/2011 14:25
 Sample wt/vol: 5(mL) Date Analyzed: 08/02/2011 15:33
 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.: 25890 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		800	400
1634-04-4	Methyl tert-butyl ether	ND		800	130
108-87-2	Methylcyclohexane	ND		800	130
75-09-2	Methylene Chloride	ND		800	350
100-42-5	Styrene	ND		800	580
127-18-4	Tetrachloroethene	ND		800	290
108-88-3	Toluene	ND		800	410
156-60-5	trans-1,2-Dichloroethene	1400		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	36000		800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	ND		800	720
1330-20-7	Xylenes, Total	ND		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		66-137
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9991.D
 Lims ID: 480-7718-A-4 Client ID: MW-8R
 Inject. Date: 02-Aug-2011 15:33:30 Dil. Factor: 800.0000
 Sample Type: Client
 Sample ID: 480-7718-A-4
 Misc. Info.: 480-0005007-007
 Operator: LH Instrument ID: HP5975T
 Vol. Injected: 1.0000 ALS Bottle#: 42
 Lims Batch ID: 25890 Lims Sample ID: 7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T-8260.m
 Last Update: 03-Aug-2011 08:09:33 Calib Date: 21-Jul-2011 18:26:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HillL

Date: 03-Aug-2011 11:09:16

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.582	4.582	0.0	95	605688	25.0	
* 2 Chlorobenzene-d5	117	6.790	6.779	0.011	87	523833	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.645	8.645	0.0	95	284387	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.271	4.261	0.010	0	242357	25.6	
\$ 6 Toluene-d8 (Surr)	98	5.670	5.670	0.0	94	662136	25.3	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.722	7.722	0.0	88	199082	25.5	
11 Dichlorodifluoromethane	85		0.966					
13 Chloromethane	50		1.090					
14 Vinyl chloride	62		1.163					
15 Bromomethane	94		1.401					
16 Chloroethane	64		1.484					
17 Trichlorofluoromethane	101		1.671					
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.106					
22 1,1-Dichloroethene	96		2.106					
23 Acetone	43		2.240					
25 Carbon disulfide	76		2.272					
28 Methyl acetate	43		2.510					
30 Methylene Chloride	84		2.572					
33 Methyl tert-butyl ether	73		2.779					
32 trans-1,2-Dichloroethene	96	2.779	2.779	0.0	87	13675	1.75	
36 1,1-Dichloroethane	63	3.152	3.152	0.0	53	10187	0.6409	
43 cis-1,2-Dichloroethene	96	3.619	3.619	0.0	72	270524	32.0	
44 2-Butanone (MEK)	43		3.681					
50 Chloroform	83		3.888					
51 1,1,1-Trichloroethane	97		3.971					
52 Cyclohexane	56		3.971					
53 Carbon tetrachloride	117		4.085					
55 Benzene	78		4.261					
57 1,2-Dichloroethane	62		4.323					
60 Trichloroethene	95	4.748	4.748	0.0	92	364357	45.1	
62 Methylcyclohexane	83		4.842					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		4.945					
67 Dichlorobromomethane	83		5.173					
71 cis-1,3-Dichloropropene	75		5.494					
72 4-Methyl-2-pentanone (MIBK)	43		5.629					
73 Toluene	92		5.712					
75 trans-1,3-Dichloropropene	75		5.930					
78 1,1,2-Trichloroethane	83		6.075					
79 Tetrachloroethene	166		6.116					
81 2-Hexanone	43		6.261					
82 Chlorodibromomethane	129		6.375					
83 Ethylene Dibromide	107		6.448					
86 Chlorobenzene	112		6.811					
88 Ethylbenzene	91		6.873					
90 m-Xylene & p-Xylene	106		6.966					
91 o-Xylene	106		7.287					
92 Styrene	104		7.308					
93 Bromoform	173		7.484					
95 Isopropylbenzene	105		7.567					
98 1,1,2,2-Tetrachloroethane	83		7.878					
110 1,3-Dichlorobenzene	146		8.583					
113 1,4-Dichlorobenzene	146		8.666					
116 1,2-Dichlorobenzene	146		8.966					
117 1,2-Dibromo-3-Chloropropane	75		9.640					
119 1,2,4-Trichlorobenzene	180		10.282					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 03-Aug-2011 11:09:16

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:

\\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9991.D

Injection Date: 02-Aug-2011 15:33:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5975T

Lims Batch ID: 25890

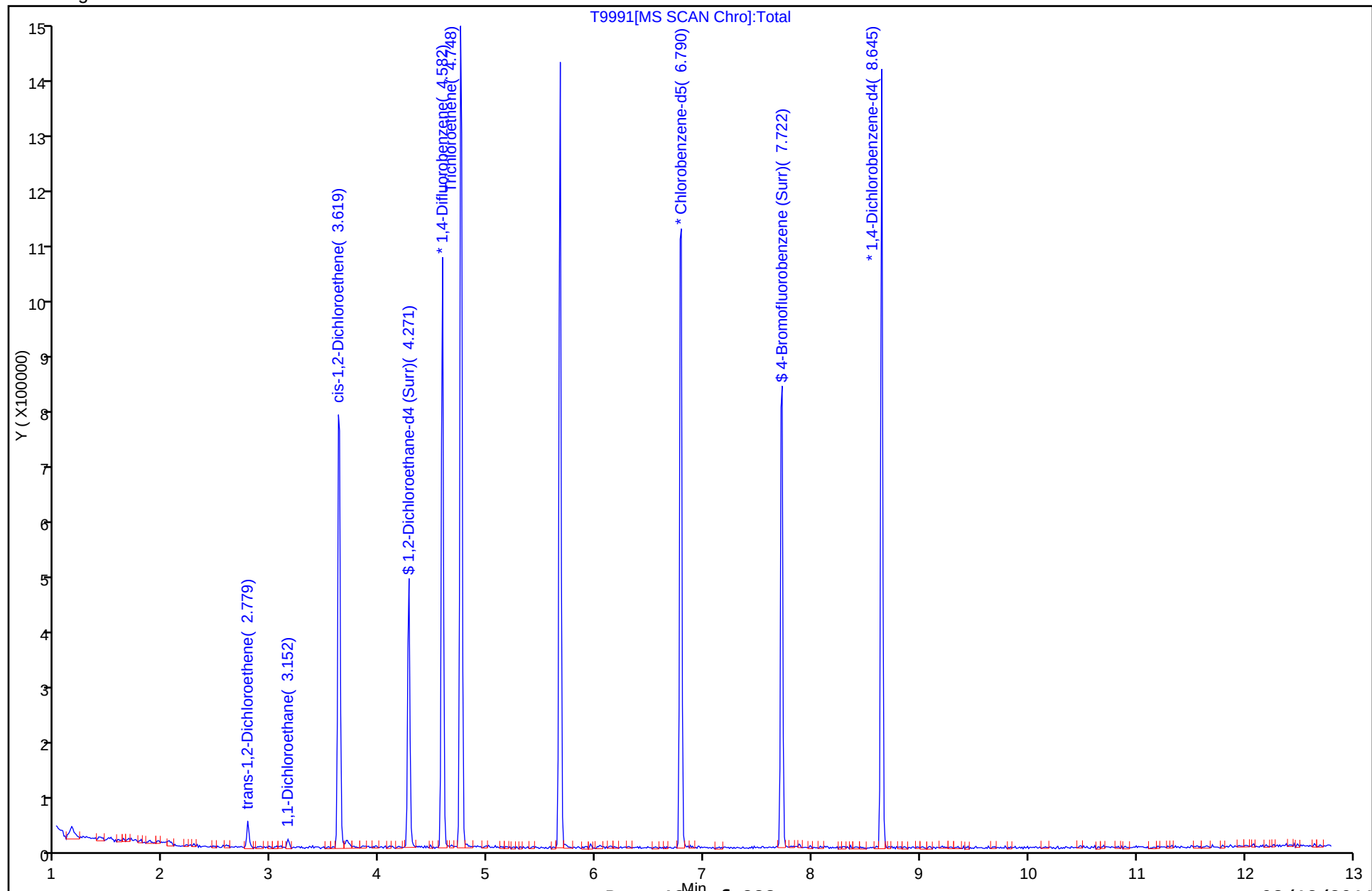
Lims Sample ID: 7

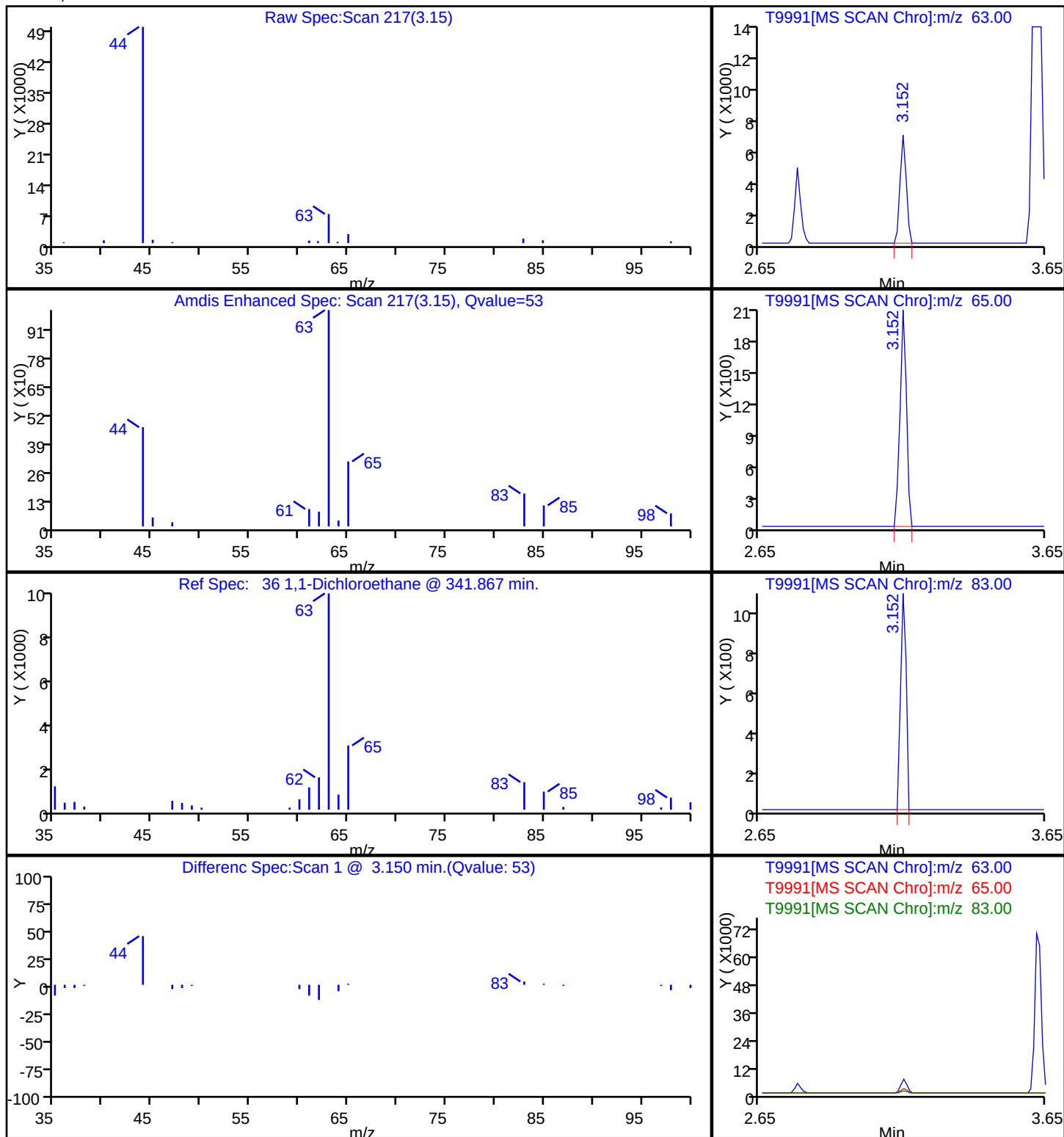
Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:





Report Date: 03-Aug-2011 11:09:16

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9991.D

Injection Date: 02-Aug-2011 15:33:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5975T

Lims Batch ID: 25890

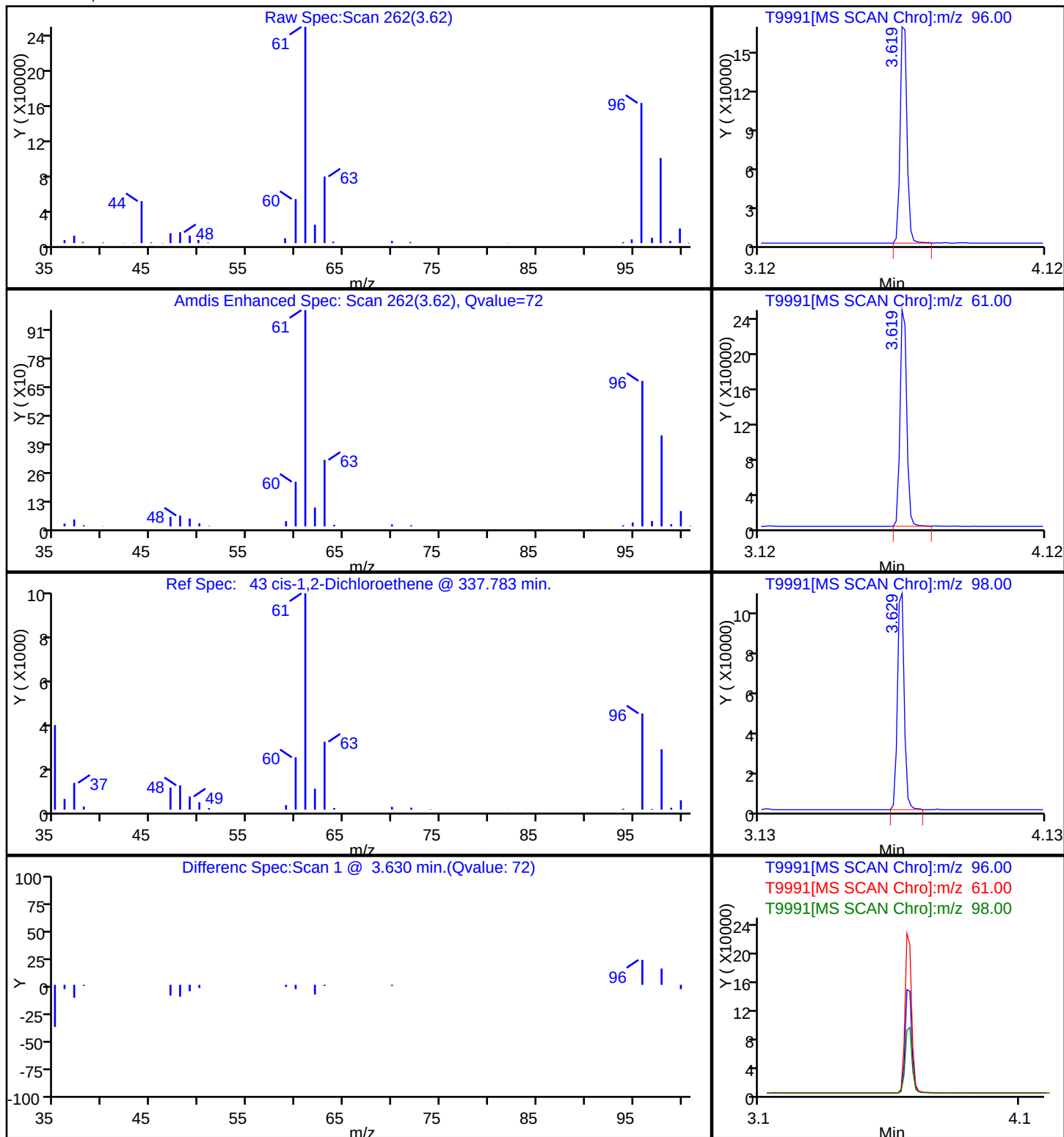
Lims Sample ID: 7

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

43 cis-1,2-Dichloroethene



Report Date: 03-Aug-2011 11:09:16

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9991.D

Injection Date: 02-Aug-2011 15:33:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5975T

Lims Batch ID: 25890

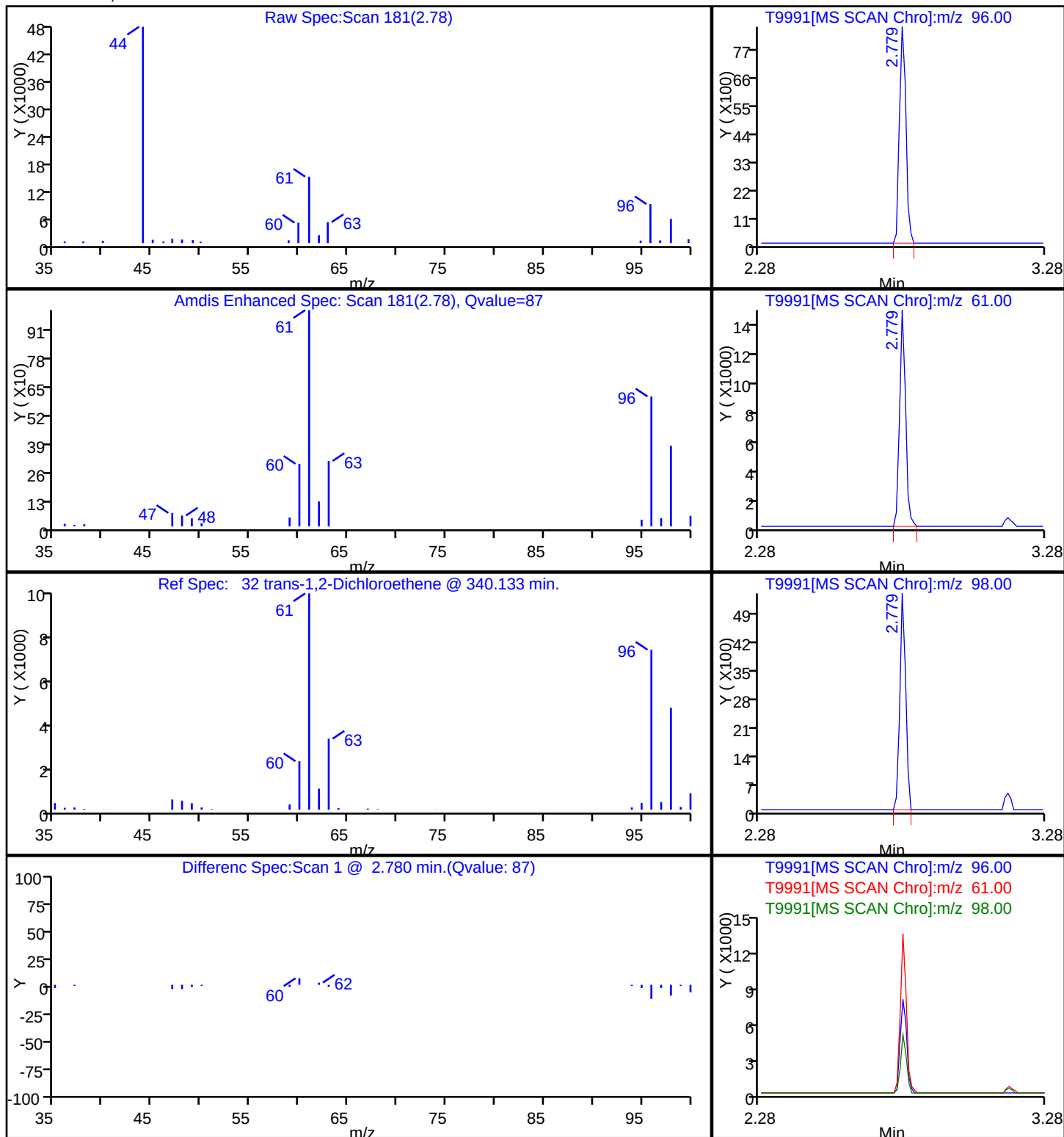
Lims Sample ID: 7

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

32 trans-1,2-Dichloroethene



Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9991.D

Injection Date: 02-Aug-2011 15:33:30

Limit Group: MV - 8260B ICAL

Client ID: MW-8R

Instrument ID: HP5975T

Lims Batch ID: 25890

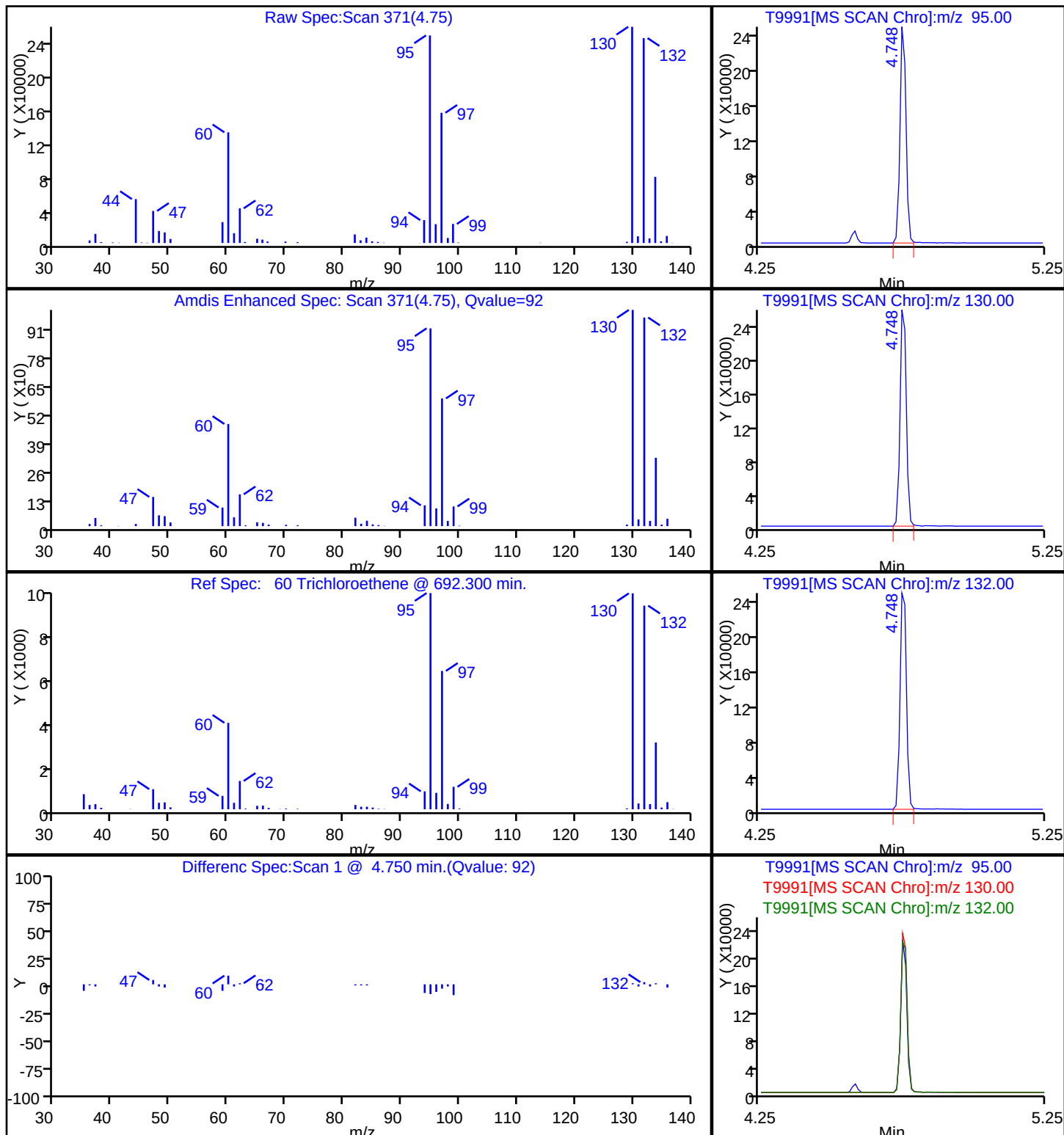
Lims Sample ID: 7

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Client Sample ID: MW-10 Lab Sample ID: 480-7718-5

Matrix: Ground Water Lab File ID: N9542.D

Analysis Method: 8260B Date Collected: 07/26/2011 12:25

Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 19:29

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.: 25432 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 480-7718-5
 Matrix: Ground Water Lab File ID: N9542.D
 Analysis Method: 8260B Date Collected: 07/26/2011 12:25
 Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 19:29
 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.: 25432 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)	134		66-137
2037-26-5	Toluene-d8 (Surr)	112		71-126
460-00-4	4-Bromofluorobenzene (Surr)	110		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9542.D
 Lims ID: 480-7718-B-5 Client ID: MW-10
 Inject. Date: 28-Jul-2011 19:29:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-7718-B-5
 Misc. Info.: 480-0004925-007
 Operator: DHC Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 6
 Lims Batch ID: 25432 Lims Sample ID: 7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N-8260.m
 Last Update: 29-Jul-2011 11:25:23 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HillL

Date: 29-Jul-2011 06:51:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	91	574226	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	84	510220	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	95	265684	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	243573	33.5	
\$ 6 Toluene-d8 (Surr)	98	5.966	5.966	0.0	83	644029	28.0	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	86	198227	27.6	
11 Dichlorodifluoromethane	85		1.008					
13 Chloromethane	50		1.087					
14 Vinyl chloride	62		1.166					
15 Bromomethane	94		1.361					
16 Chloroethane	64		1.416					
18 Trichlorofluoromethane	101		1.623					
22 1,1-Dichloroethene	96		1.994					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.994					
23 Acetone	43		2.061					
25 Carbon disulfide	76		2.170					
28 Methyl acetate	43		2.316					
30 Methylene Chloride	84		2.419					
33 trans-1,2-Dichloroethene	96		2.608					
32 Methyl tert-butyl ether	73		2.608					
36 1,1-Dichloroethane	63		2.979					
43 cis-1,2-Dichloroethene	96		3.496					
44 2-Butanone (MEK)	43		3.539					
50 Chloroform	83		3.800					
51 1,1,1-Trichloroethane	97		3.904					
52 Cyclohexane	56		3.922					
53 Carbon tetrachloride	117		4.032					
55 Benzene	78		4.232					
57 1,2-Dichloroethane	62		4.293					
60 Trichloroethene	95		4.829					
62 Methylcyclohexane	83		4.950					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.054					
67 Dichlorobromomethane	83		5.346					
71 cis-1,3-Dichloropropene	75		5.753					
72 4-Methyl-2-pentanone (MIBK)	43		5.911					
73 Toluene	92		6.033					
75 trans-1,3-Dichloropropene	75		6.319					
78 1,1,2-Trichloroethane	83		6.495					
79 Tetrachloroethene	166		6.550					
82 2-Hexanone	43		6.745					
83 Chlorodibromomethane	129		6.873					
84 Ethylene Dibromide	107		6.958					
85 Chlorobenzene	112		7.444					
88 Ethylbenzene	91		7.548					
90 m-Xylene & p-Xylene	106		7.676					
91 o-Xylene	106		8.083					
92 Styrene	104		8.114					
93 Bromoform	173		8.339					
95 Isopropylbenzene	105		8.479					
98 1,1,2,2-Tetrachloroethane	83		8.892					
110 1,3-Dichlorobenzene	146		9.805					
113 1,4-Dichlorobenzene	146		9.902					
116 1,2-Dichlorobenzene	146		10.267					
117 1,2-Dibromo-3-Chloropropane	75		11.028					
119 1,2,4-Trichlorobenzene	180		11.727					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 29-Jul-2011 11:25:24

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9542.D

Injection Date: 28-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-10

Instrument ID: HP5973N

Lims Batch ID: 25432

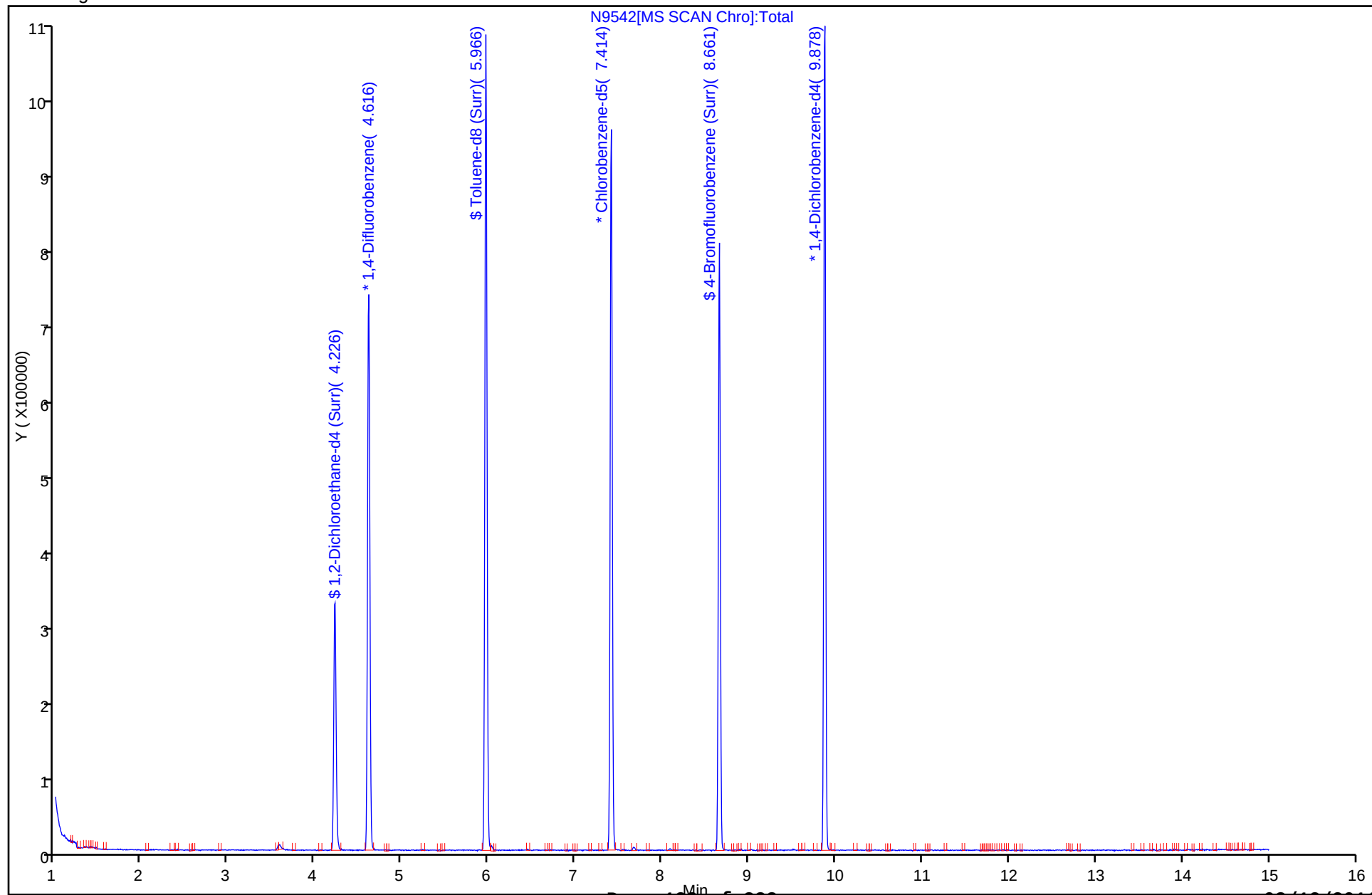
Lims Sample ID: 7

Operator ID: DHC

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.: 480-7718-1

SDG No.: _____

Client Sample ID: MW-11 Lab Sample ID: 480-7718-6

Matrix: Ground Water Lab File ID: N9543.D

Analysis Method: 8260B Date Collected: 07/25/2011 16:15

Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 19:53

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 25432 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.5		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	13		1.0	0.38
75-35-4	1,1-Dichloroethene	1.7		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	9.5		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	45		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-11 Lab Sample ID: 480-7718-6
 Matrix: Ground Water Lab File ID: N9543.D
 Analysis Method: 8260B Date Collected: 07/25/2011 16:15
 Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 19:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 25432 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	21		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)	132		66-137
2037-26-5	Toluene-d8 (Surr)	113		71-126
460-00-4	4-Bromofluorobenzene (Surr)	114		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9543.D
 Lims ID: 480-7718-B-6 Client ID: MW-11
 Inject. Date: 28-Jul-2011 19:53:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-7718-B-6
 Misc. Info.: 480-0004925-008
 Operator: DHC Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 7
 Lims Batch ID: 25432 Lims Sample ID: 8
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N-8260.m
 Last Update: 28-Jul-2011 19:12:08 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 29-Jul-2011 06:51:47

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	91	559171	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	84	488045	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	96	251172	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	233466	33.0	
\$ 6 Toluene-d8 (Surr)	98	5.966	5.966	0.0	83	622286	28.3	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	85	195408	28.4	
11 Dichlorodifluoromethane	85		1.008					
13 Chloromethane	50		1.087					
14 Vinyl chloride	62	1.172	1.166	0.006	84	100647	21.4	
15 Bromomethane	94		1.361					
16 Chloroethane	64	1.416	1.416	0.0	90	26583	9.50	
18 Trichlorofluoromethane	101		1.623					
22 1,1-Dichloroethene	96	1.988	1.994	-0.006	72	9406	1.66	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.994					
23 Acetone	43		2.061					
25 Carbon disulfide	76		2.170					
28 Methyl acetate	43		2.316					
30 Methylene Chloride	84		2.419					
33 trans-1,2-Dichloroethene	96	2.608	2.608	0.0	54	3093	0.5424	
32 Methyl tert-butyl ether	73		2.608					
36 1,1-Dichloroethane	63	2.979	2.979	0.0	83	127190	12.7	
43 cis-1,2-Dichloroethene	96	3.496	3.496	0.0	68	289290	45.3	
44 2-Butanone (MEK)	43		3.539					
50 Chloroform	83		3.800					
51 1,1,1-Trichloroethane	97	3.904	3.904	0.0	38	8872	1.50	
52 Cyclohexane	56		3.922					
53 Carbon tetrachloride	117		4.032					
55 Benzene	78		4.232					
57 1,2-Dichloroethane	62		4.293					
60 Trichloroethene	95		4.829					
62 Methylcyclohexane	83		4.950					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.054					
67 Dichlorobromomethane	83		5.346					
71 cis-1,3-Dichloropropene	75		5.753					
72 4-Methyl-2-pentanone (MIBK)	43		5.911					
73 Toluene	92		6.033					
75 trans-1,3-Dichloropropene	75		6.319					
78 1,1,2-Trichloroethane	83		6.495					
79 Tetrachloroethene	166		6.550					
82 2-Hexanone	43		6.745					
83 Chlorodibromomethane	129		6.873					
84 Ethylene Dibromide	107		6.958					
85 Chlorobenzene	112		7.444					
88 Ethylbenzene	91		7.548					
90 m-Xylene & p-Xylene	106		7.676					
91 o-Xylene	106		8.083					
92 Styrene	104		8.114					
93 Bromoform	173		8.339					
95 Isopropylbenzene	105		8.479					
98 1,1,2,2-Tetrachloroethane	83		8.892					
110 1,3-Dichlorobenzene	146		9.805					
113 1,4-Dichlorobenzene	146		9.902					
116 1,2-Dichlorobenzene	146		10.267					
117 1,2-Dibromo-3-Chloropropane	75		11.028					
119 1,2,4-Trichlorobenzene	180		11.727					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 29-Jul-2011 06:51:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:

\\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9543.D

Injection Date: 28-Jul-2011 19:53:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973N

Lims Batch ID: 25432

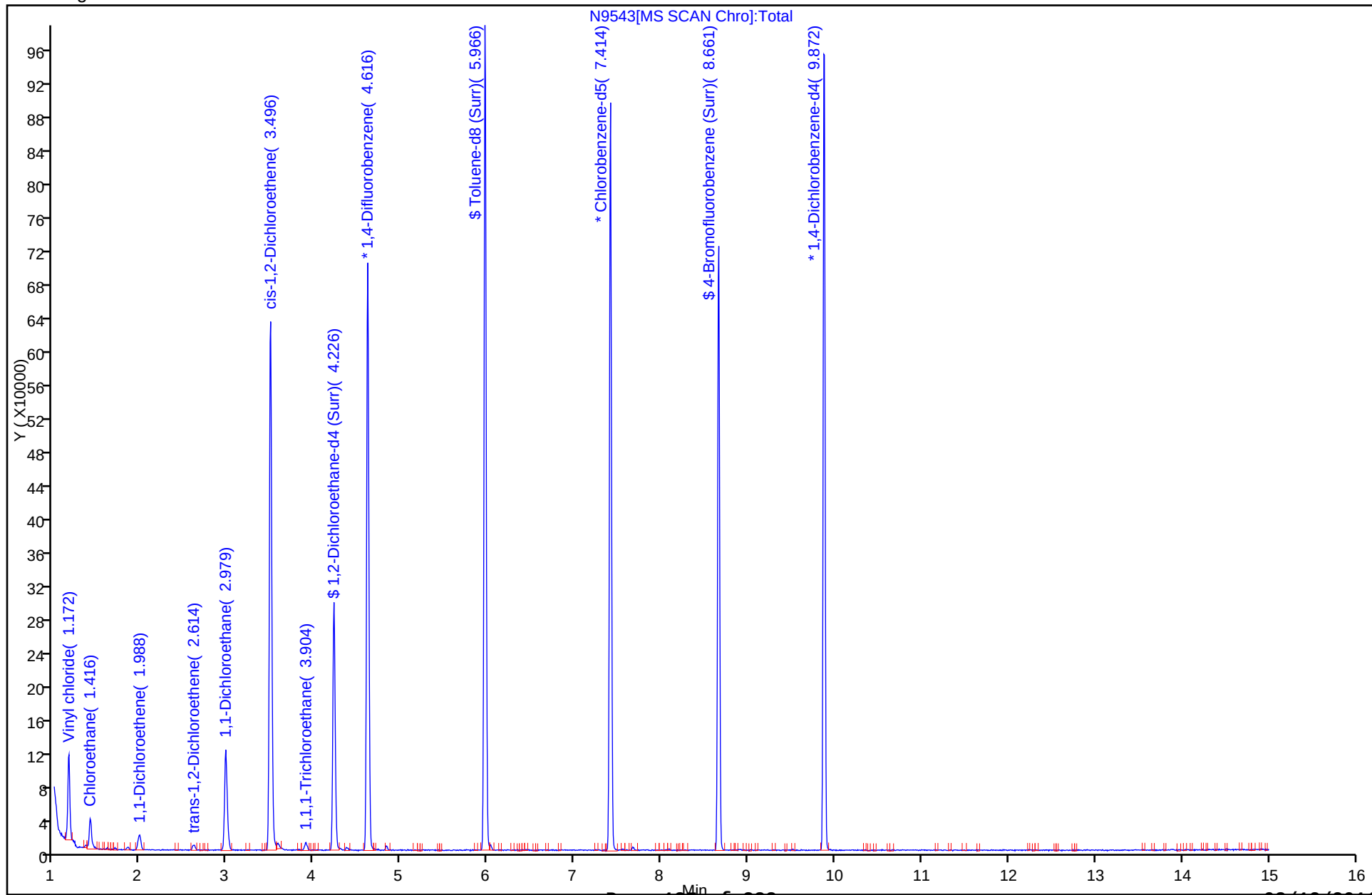
Lims Sample ID: 8

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



Report Date: 29-Jul-2011 06:51:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9543.D

Injection Date: 28-Jul-2011 19:53:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973N

Lims Batch ID: 25432

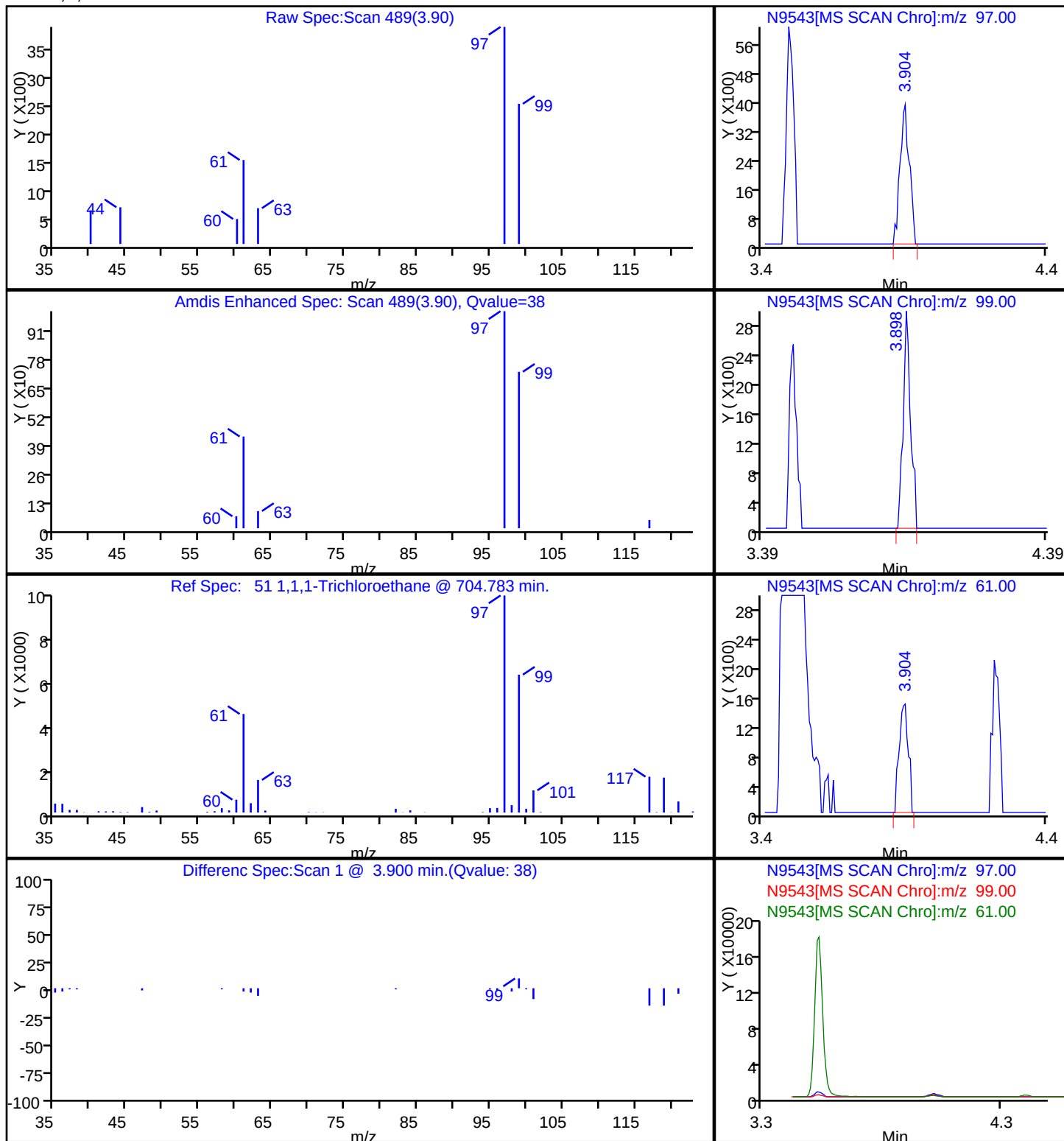
Lims Sample ID: 8

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

51 1,1,1-Trichloroethane



Report Date: 29-Jul-2011 06:51:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9543.D

Injection Date: 28-Jul-2011 19:53:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973N

Lims Batch ID: 25432

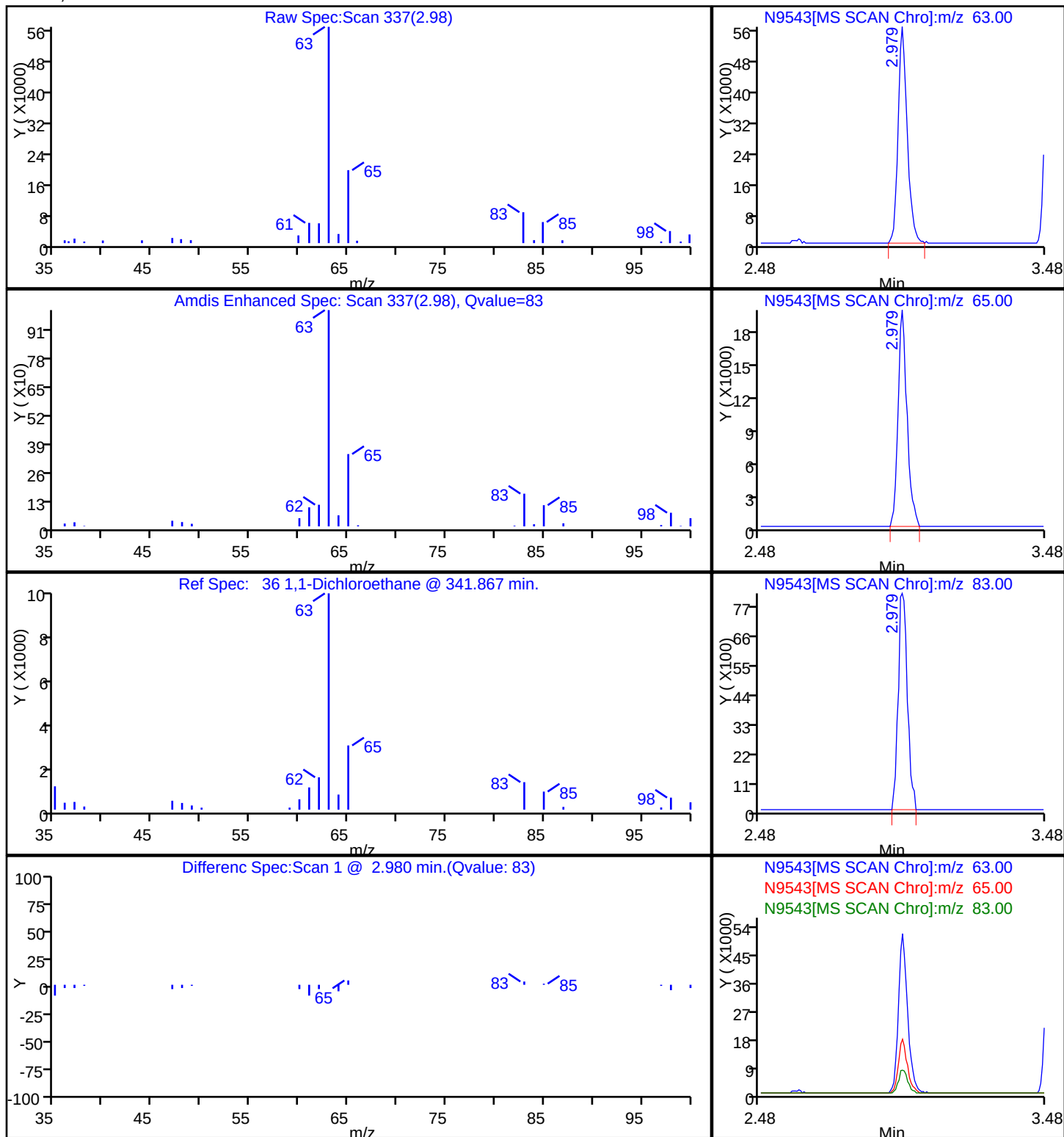
Lims Sample ID: 8

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

36 1,1-Dichloroethane



Report Date: 29-Jul-2011 06:51:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9543.D

Injection Date: 28-Jul-2011 19:53:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973N

Lims Batch ID: 25432

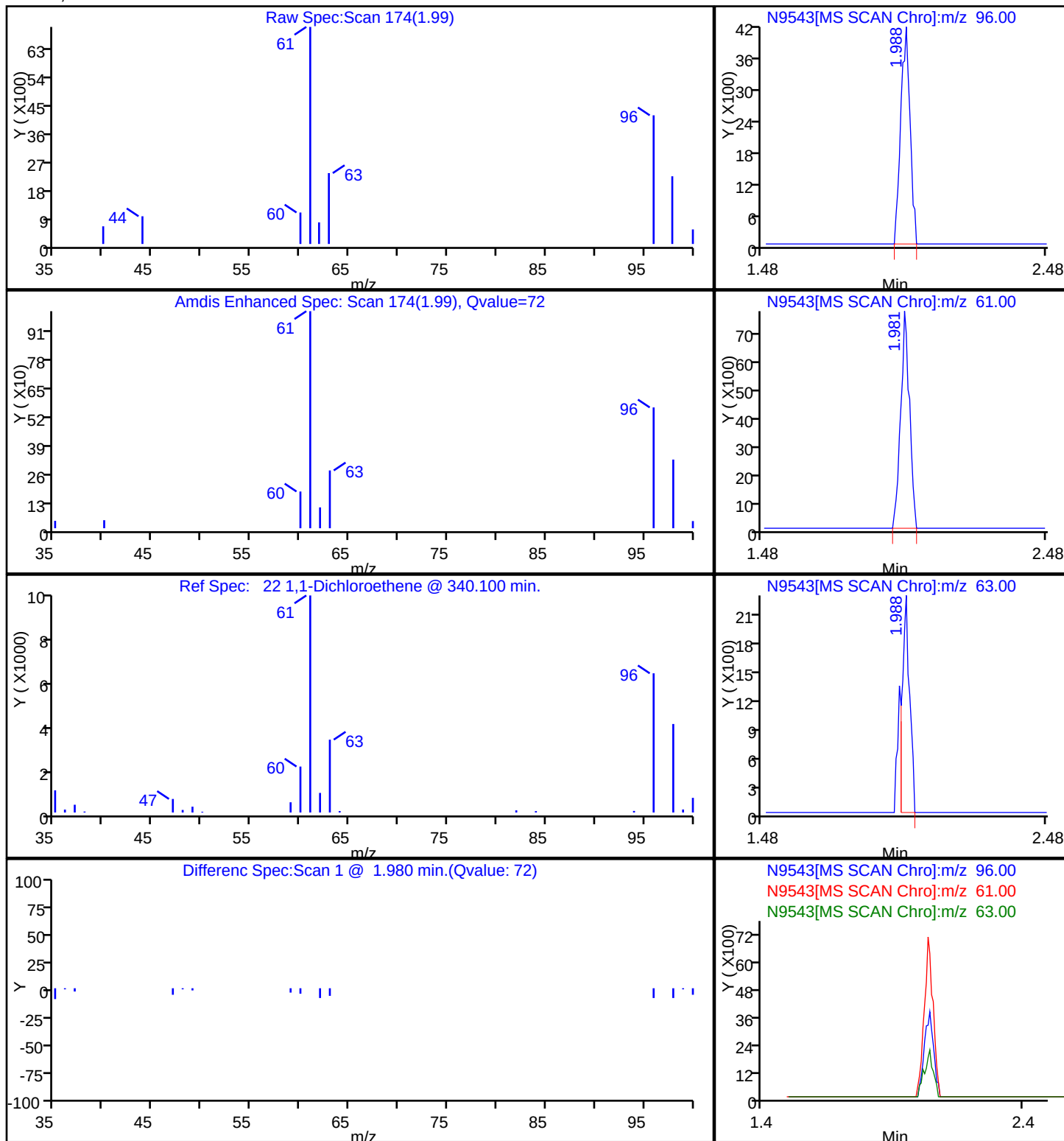
Lims Sample ID: 8

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

22 1,1-Dichloroethene



Report Date: 29-Jul-2011 06:51:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9543.D

Injection Date: 28-Jul-2011 19:53:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973N

Lims Batch ID: 25432

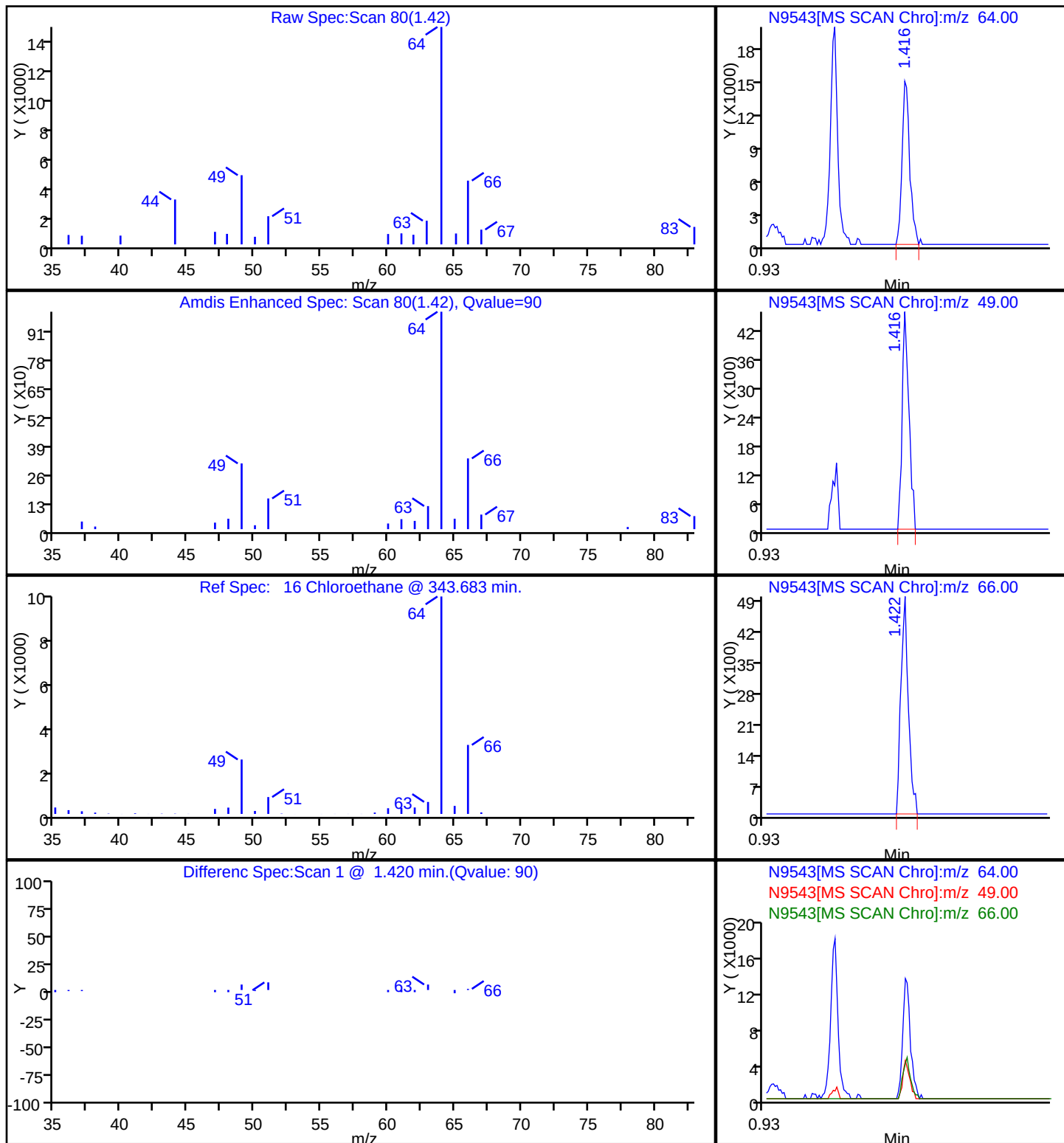
Lims Sample ID: 8

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

16 Chloroethane



Report Date: 29-Jul-2011 06:51:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9543.D

Injection Date: 28-Jul-2011 19:53:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973N

Lims Batch ID: 25432

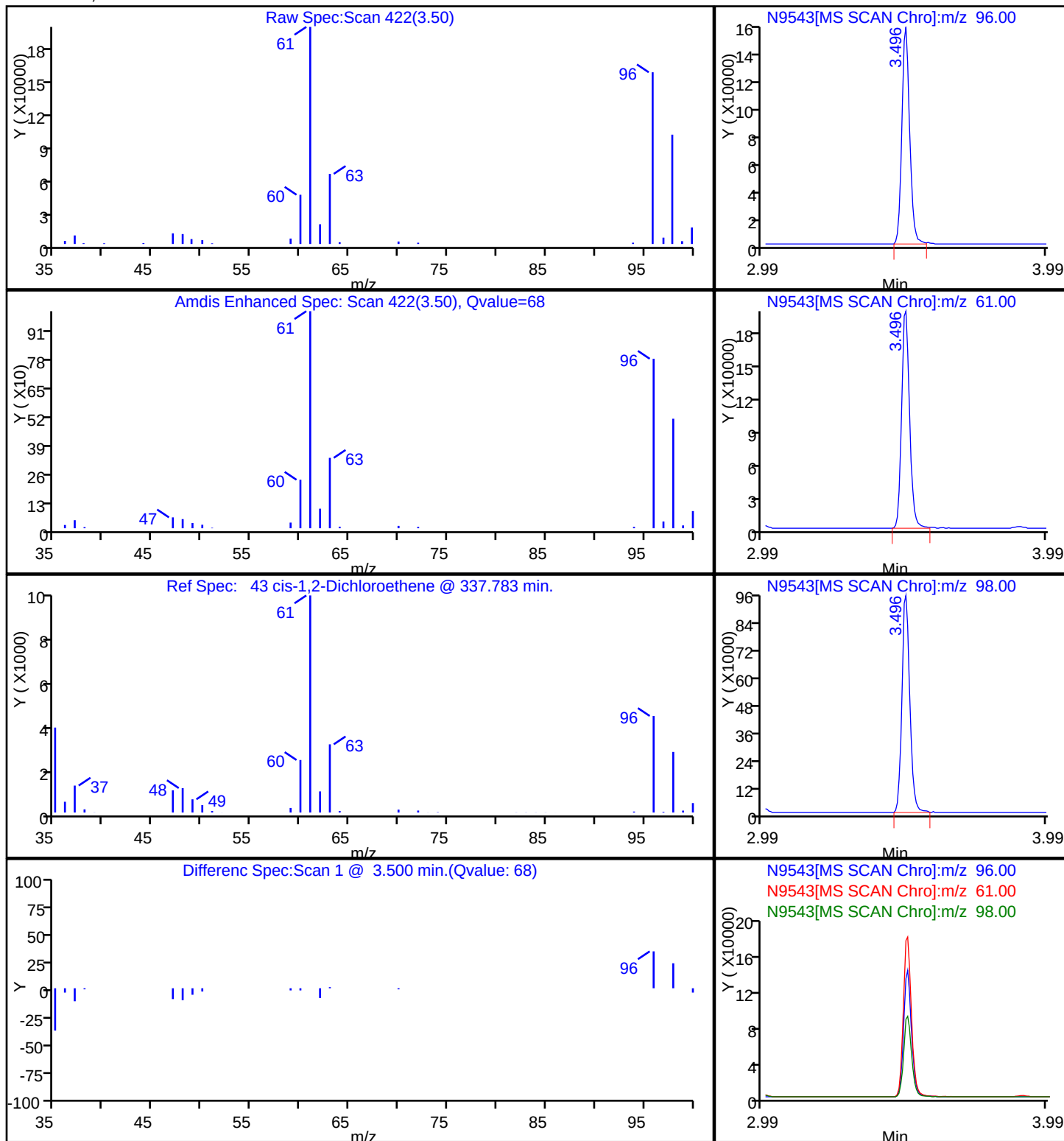
Lims Sample ID: 8

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

43 cis-1,2-Dichloroethene



Report Date: 29-Jul-2011 06:51:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9543.D

Injection Date: 28-Jul-2011 19:53:30

Limit Group: MV - 8260B ICAL

Client ID: MW-11

Instrument ID: HP5973N

Lims Batch ID: 25432

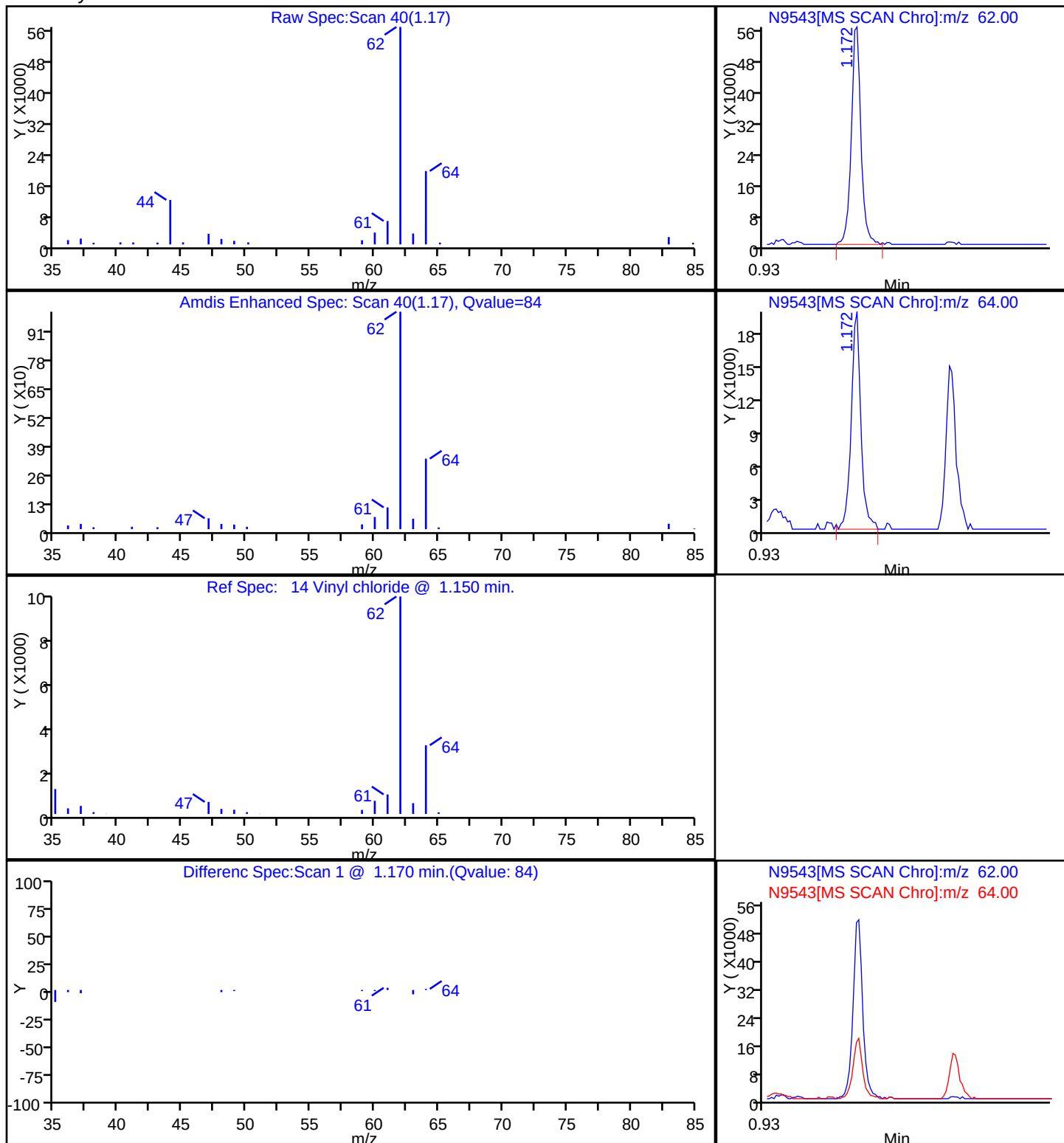
Lims Sample ID: 8

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

14 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Client Sample ID: MW-12 Lab Sample ID: 480-7718-7

Matrix: Ground Water Lab File ID: N9544.D

Analysis Method: 8260B Date Collected: 07/26/2011 10:40

Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 20:16

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.: 25432 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-12 Lab Sample ID: 480-7718-7
 Matrix: Ground Water Lab File ID: N9544.D
 Analysis Method: 8260B Date Collected: 07/26/2011 10:40
 Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 20:16
 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.: 25432 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	8.9		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)	134		66-137
2037-26-5	Toluene-d8 (Surr)	113		71-126
460-00-4	4-Bromofluorobenzene (Surr)	112		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9544.D
 Lims ID: 480-7718-B-7 Client ID: MW-12
 Inject. Date: 28-Jul-2011 20:16:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-7718-B-7
 Misc. Info.: 480-0004925-009
 Operator: DHC Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 8
 Lims Batch ID: 25432 Lims Sample ID: 9
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N-8260.m
 Last Update: 28-Jul-2011 19:12:08 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 29-Jul-2011 06:52:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	91	548208	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	86	488712	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	95	256249	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	232796	33.6	
\$ 6 Toluene-d8 (Surr)	98	5.966	5.966	0.0	82	622634	28.2	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	85	192103	27.9	
11 Dichlorodifluoromethane	85		1.008					
13 Chloromethane	50		1.087					
14 Vinyl chloride	62	1.166	1.166	0.0	82	40908	8.88	
15 Bromomethane	94		1.361					
16 Chloroethane	64	1.416	1.416	0.0	93	62459	22.8	
18 Trichlorofluoromethane	101		1.623					
22 1,1-Dichloroethene	96		1.994					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.994					
23 Acetone	43		2.061					
25 Carbon disulfide	76		2.170					
28 Methyl acetate	43		2.316					
30 Methylene Chloride	84		2.419					
33 trans-1,2-Dichloroethene	96		2.608					
32 Methyl tert-butyl ether	73		2.608					
36 1,1-Dichloroethane	63		2.979					
43 cis-1,2-Dichloroethene	96		3.496					
44 2-Butanone (MEK)	43		3.539					
50 Chloroform	83		3.800					
51 1,1,1-Trichloroethane	97		3.904					
52 Cyclohexane	56		3.922					
53 Carbon tetrachloride	117		4.032					
55 Benzene	78		4.232					
57 1,2-Dichloroethane	62		4.293					
60 Trichloroethene	95		4.829					
62 Methylcyclohexane	83		4.950					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.054					
67 Dichlorobromomethane	83		5.346					
71 cis-1,3-Dichloropropene	75		5.753					
72 4-Methyl-2-pentanone (MIBK)	43		5.911					
73 Toluene	92		6.033					
75 trans-1,3-Dichloropropene	75		6.319					
78 1,1,2-Trichloroethane	83		6.495					
79 Tetrachloroethene	166		6.550					
82 2-Hexanone	43		6.745					
83 Chlorodibromomethane	129		6.873					
84 Ethylene Dibromide	107		6.958					
85 Chlorobenzene	112		7.444					
88 Ethylbenzene	91		7.548					
90 m-Xylene & p-Xylene	106		7.676					
91 o-Xylene	106		8.083					
92 Styrene	104		8.114					
93 Bromoform	173		8.339					
95 Isopropylbenzene	105		8.479					
98 1,1,2,2-Tetrachloroethane	83		8.892					
110 1,3-Dichlorobenzene	146		9.805					
113 1,4-Dichlorobenzene	146		9.902					
116 1,2-Dichlorobenzene	146		10.267					
117 1,2-Dibromo-3-Chloropropane	75		11.028					
119 1,2,4-Trichlorobenzene	180		11.727					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 29-Jul-2011 06:52:00

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9544.D

Injection Date: 28-Jul-2011 20:16:30

Limit Group: MV - 8260B ICAL

Client ID: MW-12

Instrument ID: HP5973N

Lims Batch ID: 25432

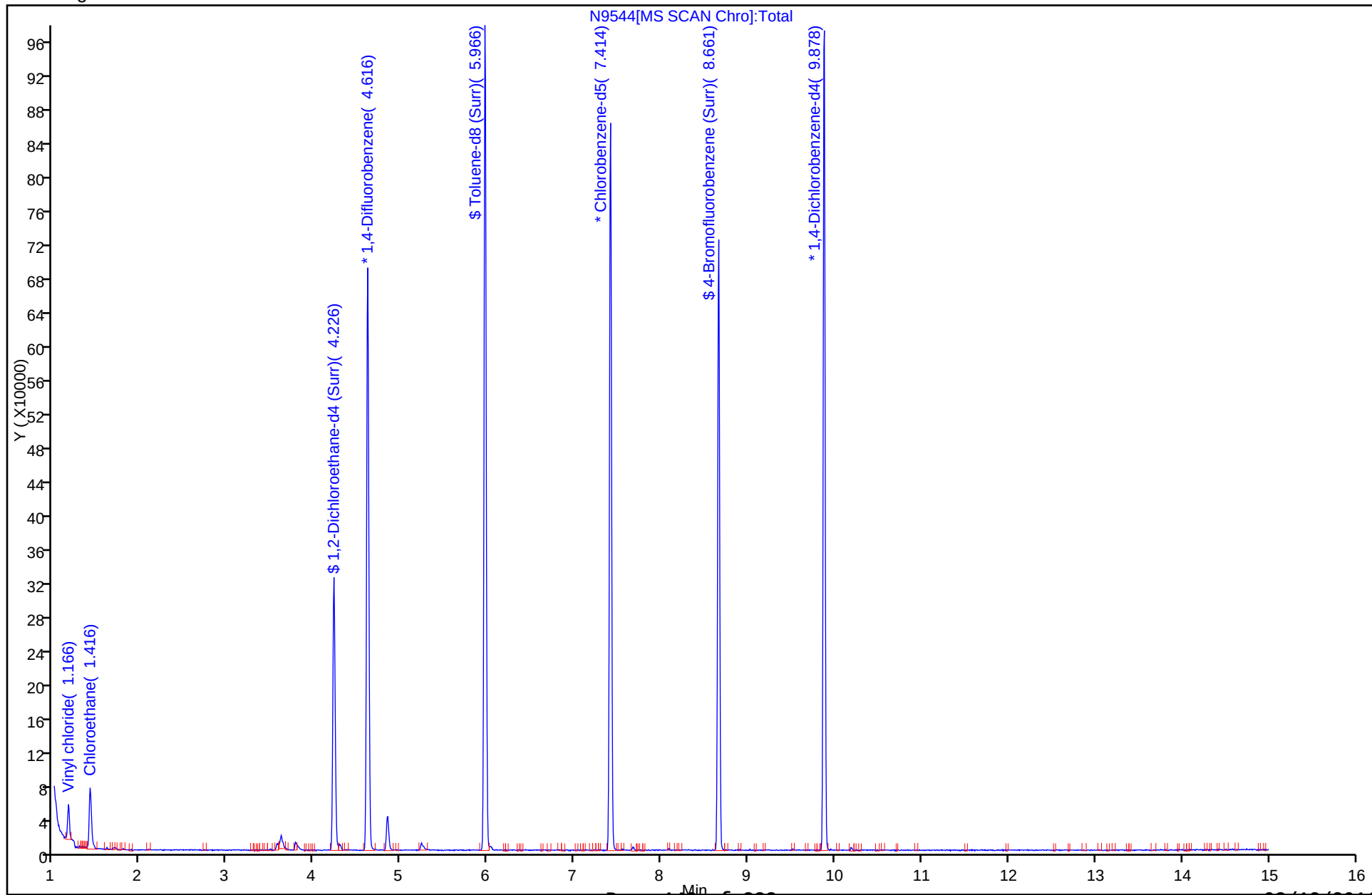
Lims Sample ID: 9

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



Report Date: 29-Jul-2011 06:52:00

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9544.D

Injection Date: 28-Jul-2011 20:16:30

Limit Group: MV - 8260B ICAL

Client ID: MW-12

Instrument ID: HP5973N

Lims Batch ID: 25432

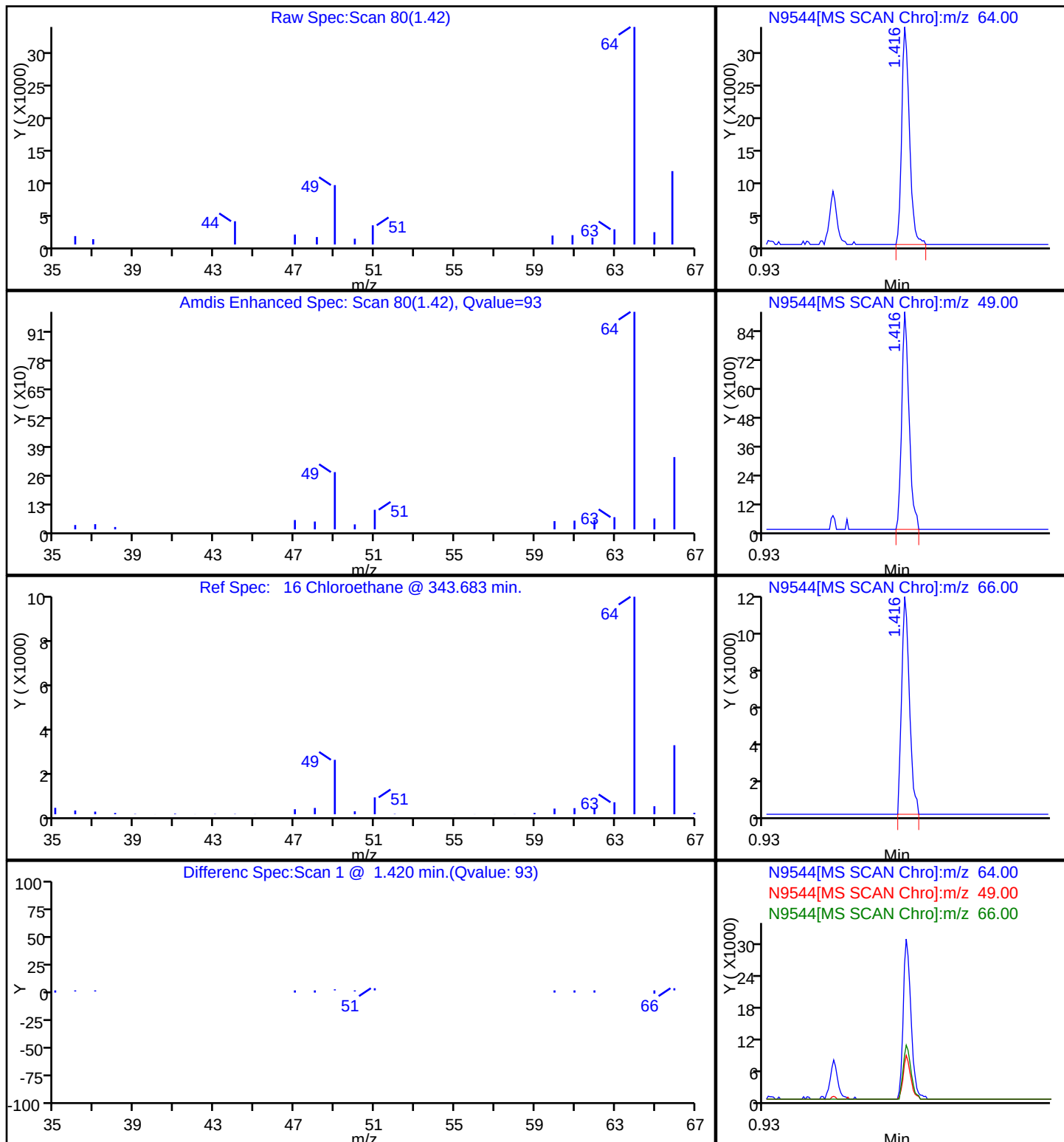
Lims Sample ID: 9

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

16 Chloroethane



Report Date: 29-Jul-2011 06:52:00

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9544.D

Injection Date: 28-Jul-2011 20:16:30

Limit Group: MV - 8260B ICAL

Client ID: MW-12

Instrument ID: HP5973N

Lims Batch ID: 25432

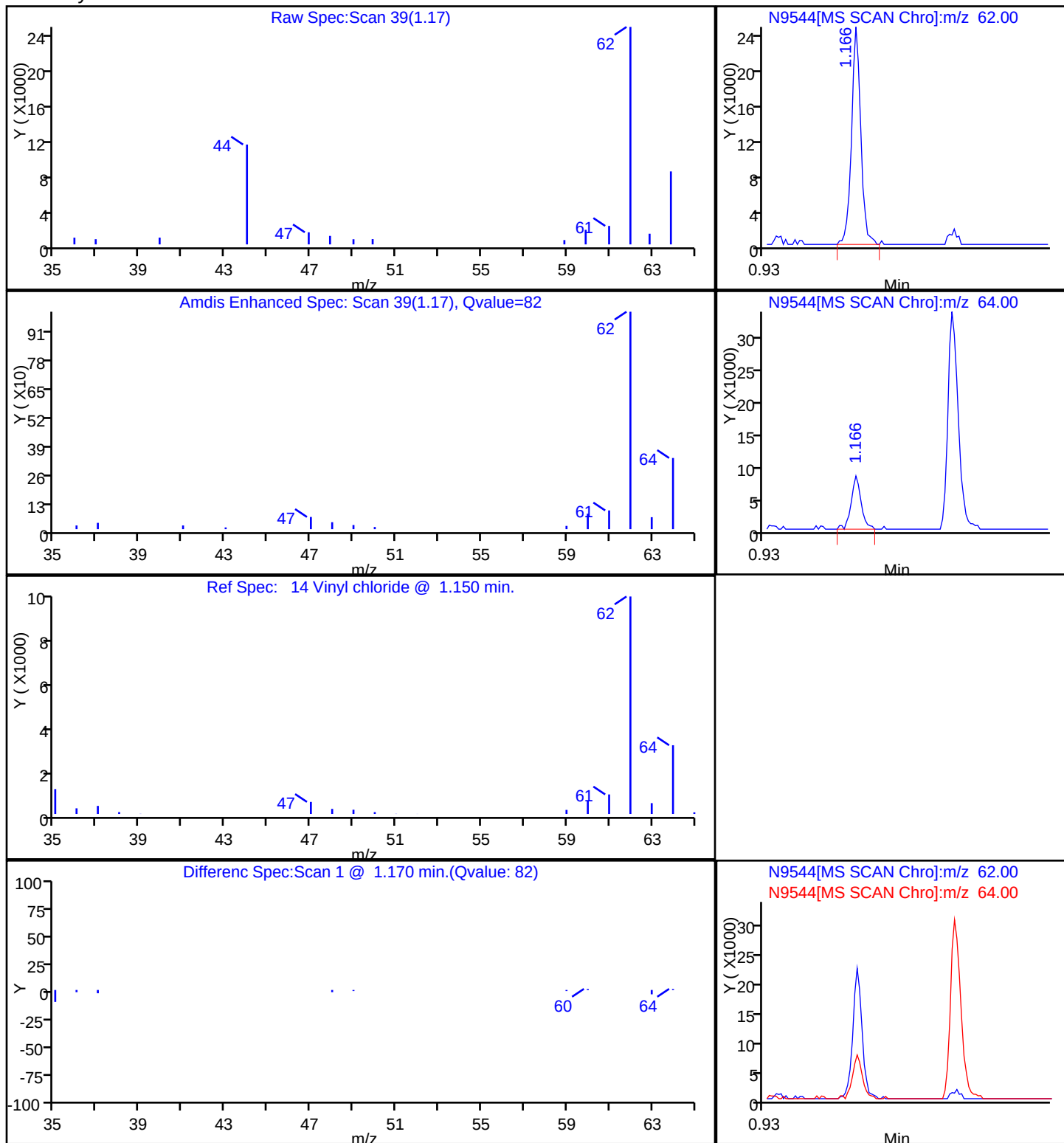
Lims Sample ID: 9

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

14 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Client Sample ID: MW-13S Lab Sample ID: 480-7718-8

Matrix: Ground Water Lab File ID: C12668.D

Analysis Method: 8260B Date Collected: 07/26/2011 13:30

Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 19:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)

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

Analysis Batch No.: 25167 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.9		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	0.44	J	1.0	0.21
79-00-5	1,1,2-Trichloroethane	0.50	J	1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	95		1.0	0.38
75-35-4	1,1-Dichloroethene	170	E	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	0.45	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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	0.68	J	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	1.1		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	2.9		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	3500	E	1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-13S Lab Sample ID: 480-7718-8
 Matrix: Ground Water Lab File ID: C12668.D
 Analysis Method: 8260B Date Collected: 07/26/2011 13:30
 Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 19:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 25167 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	0.65	J	1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	1.9		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	140	E	1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	4100	E	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	320	E	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)	107		66-137
2037-26-5	Toluene-d8 (Surr)	110		71-126
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D
 Lims ID: 480-7718-A-8 Client ID: MW-13S
 Inject. Date: 27-Jul-2011 19:29:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-7718-A-8
 Misc. Info.: 480-0004882-022
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 21
 Lims Batch ID: 25167 Lims Sample ID: 22
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C-8260.m
 Last Update: 27-Jul-2011 22:36:24 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 27-Jul-2011 22:39:44

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.455	0.0	95	718266	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	88	373989	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	97	333844	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	145539	26.8	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	95	791433	27.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	84	220931	25.7	
10 Dichlorodifluoromethane	85		4.486					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62	5.114	5.114	0.0	99	3956941	320.5	E
14 Bromomethane	94		5.731					
15 Chloroethane	64	5.873	5.873	0.0	68	21019	2.86	
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.810					
22 1,1-Dichloroethene	96	6.858	6.869	-0.011	90	1331895	165.5	E
23 Acetone	43	6.917	6.905	0.012	67	8905	2.80	
26 Carbon disulfide	76	7.190	7.190	0.0	89	26255	1.05	
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84	7.379	7.379	0.0	58	6910	0.6482	
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	91	1266108	139.8	E
39 1,1-Dichloroethane	63	8.020	8.020	0.0	85	1704337	94.8	
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96	8.494	8.494	-0.024	1	34053253	3534.3	EM
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	83	40788	2.91	
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78	9.241	9.241	0.0	89	23418	0.6770	
58 1,2-Dichloroethane	62	9.253	9.253	0.0	31	6650	0.4548	
62 Trichloroethene	95	9.704	9.704	-0.012	70	37519906	4138.2	EM
64 Methylcyclohexane	83		9.870					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.917					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92	10.712	10.712	0.0	80	38930	1.92	
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	11	3231	0.5026	
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
91 o-Xylene	106		12.301					
92 Styrene	104		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.585					
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	1	4369	0.4353	
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.305					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.238					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

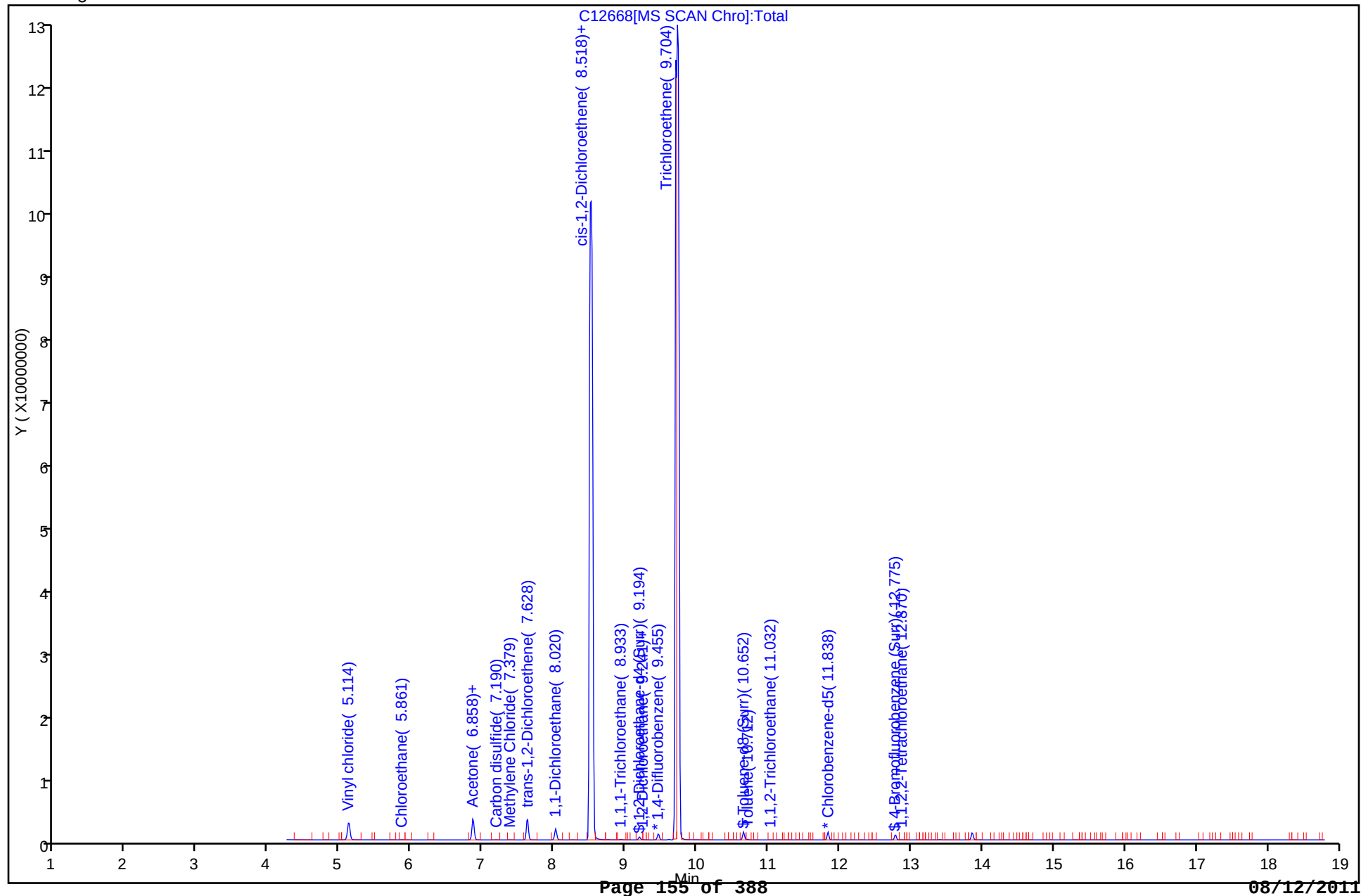
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

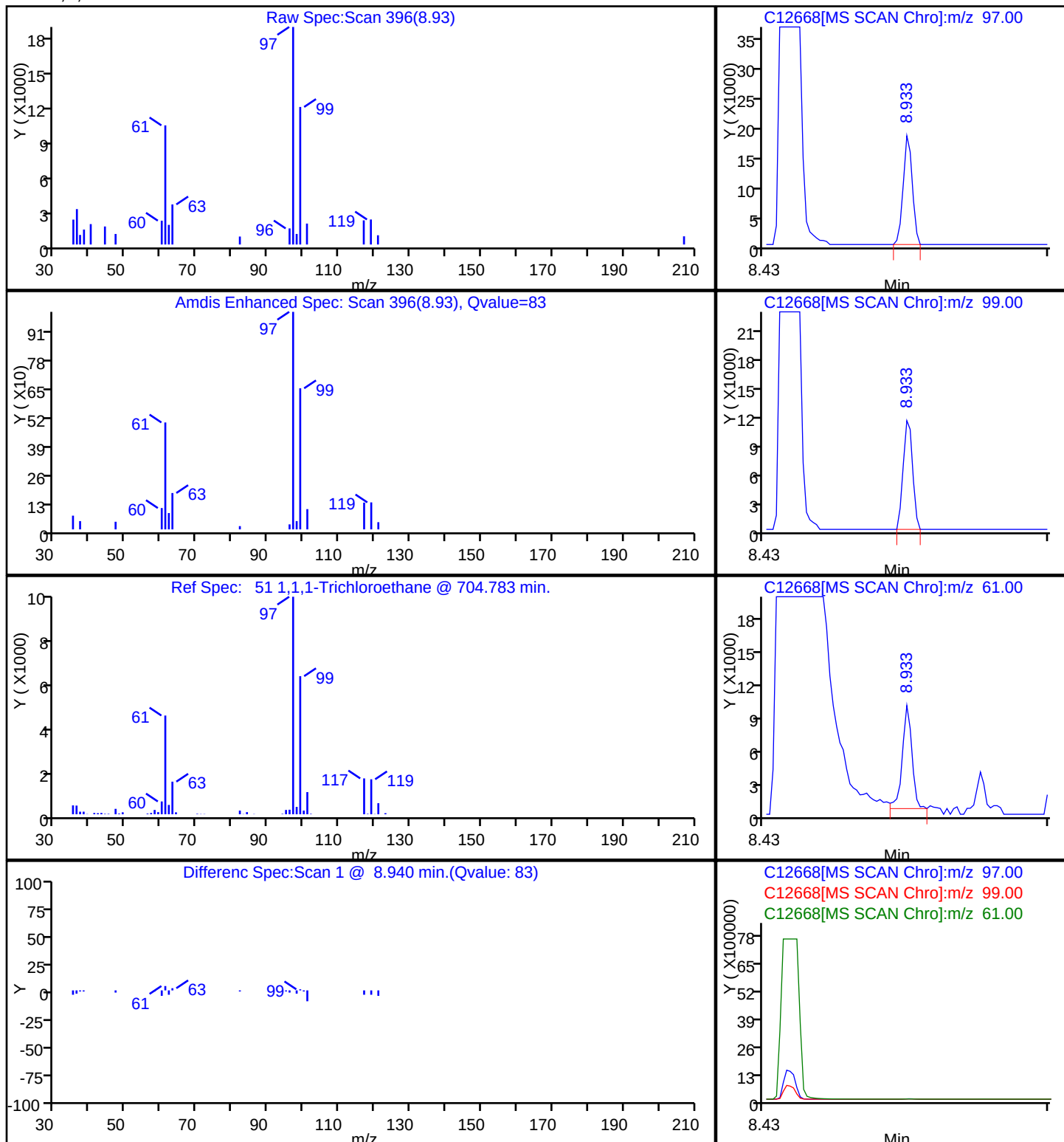
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

51 1,1,1-Trichloroethane



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

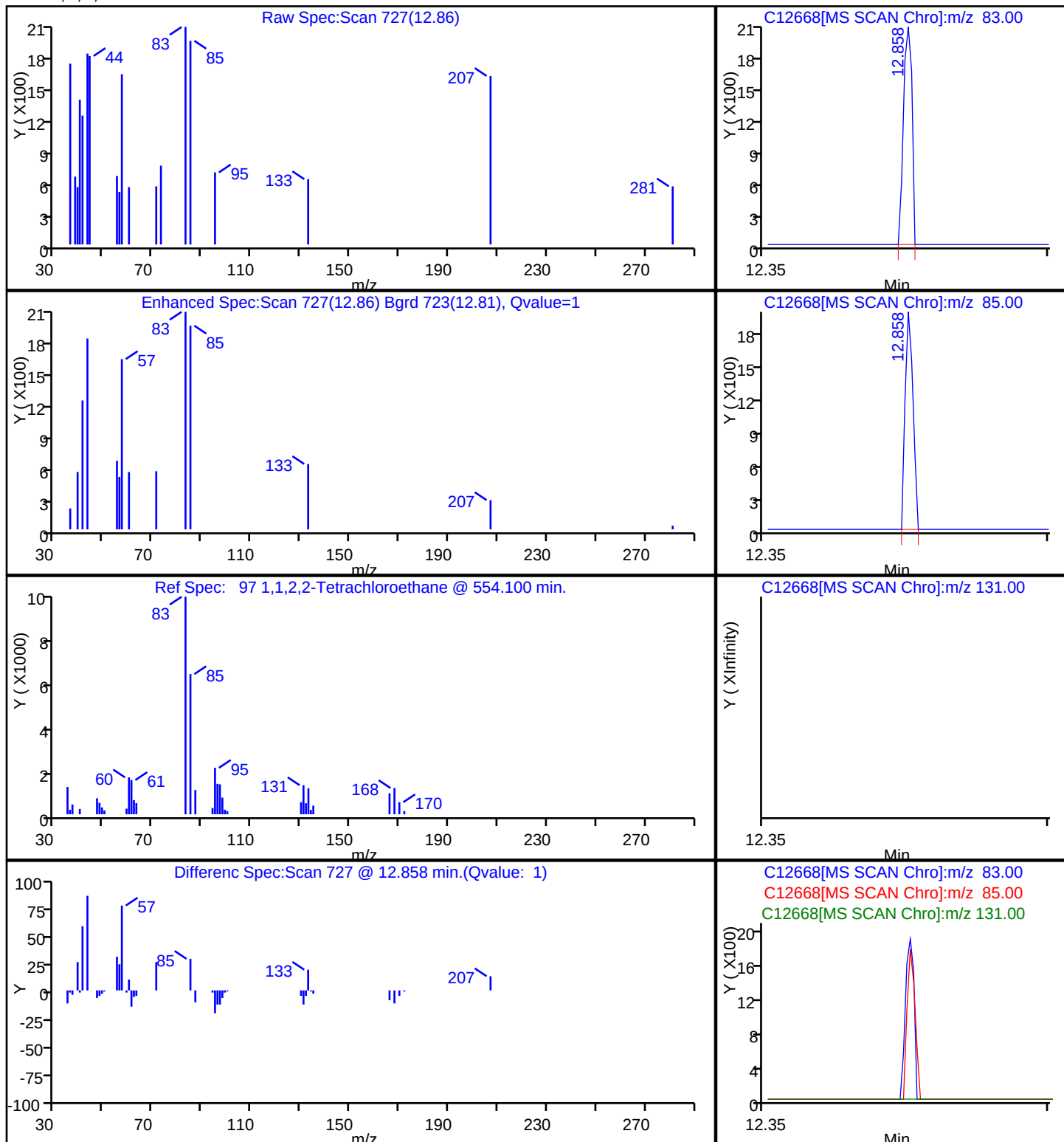
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

97 1,1,2,2-Tetrachloroethane



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:

\\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

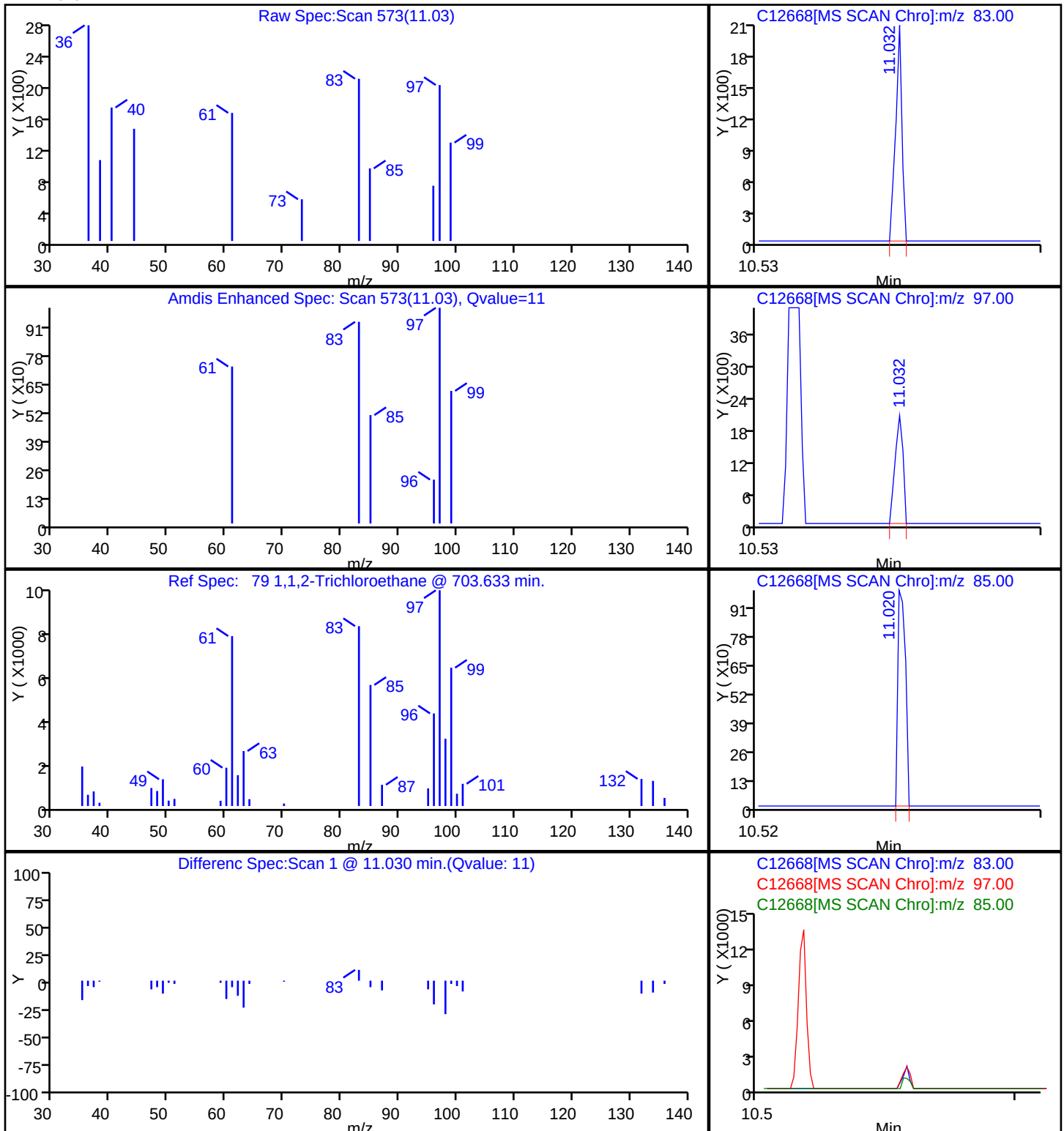
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

79 1,1,2-Trichloroethane



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

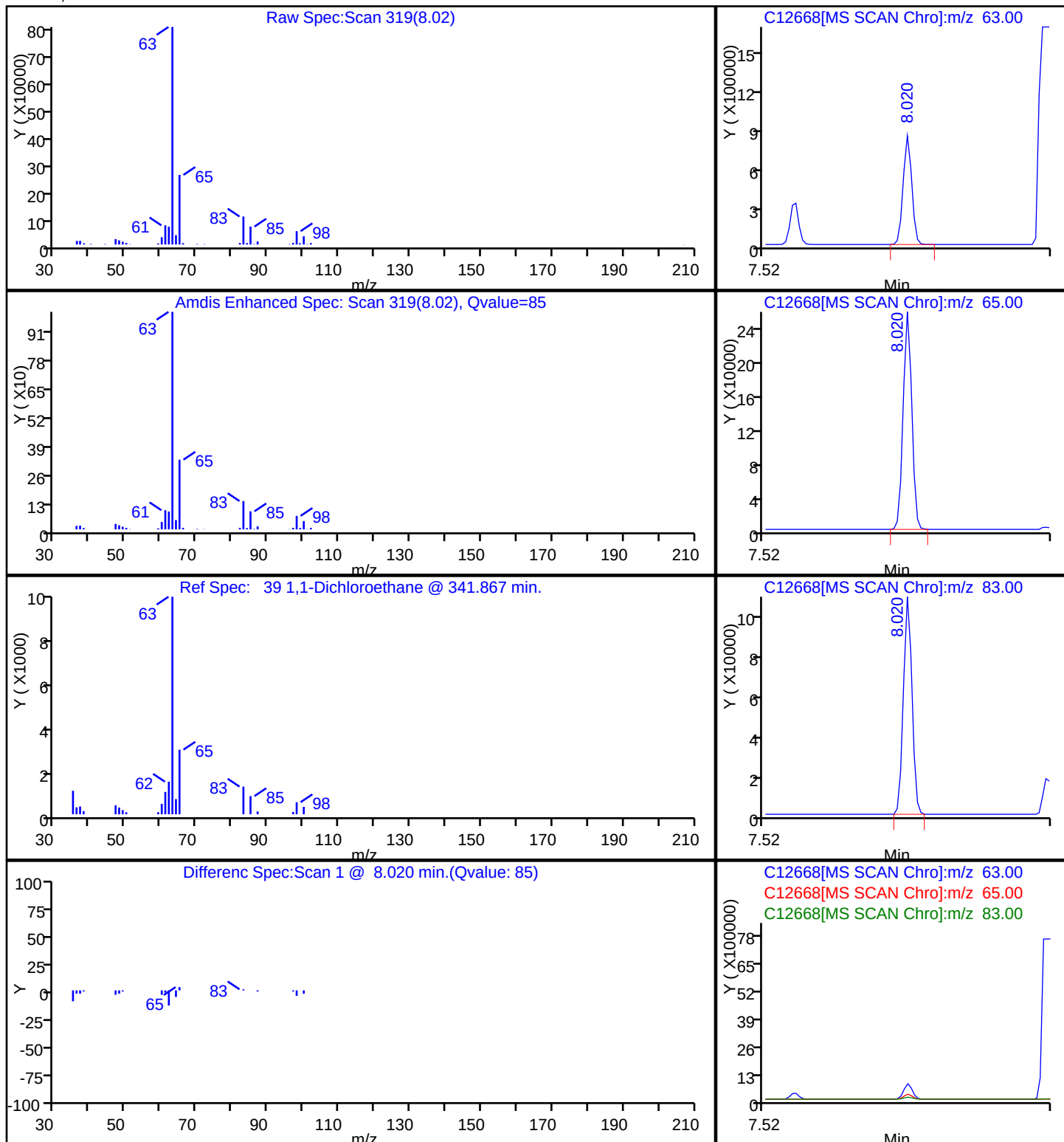
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

39 1,1-Dichloroethane



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

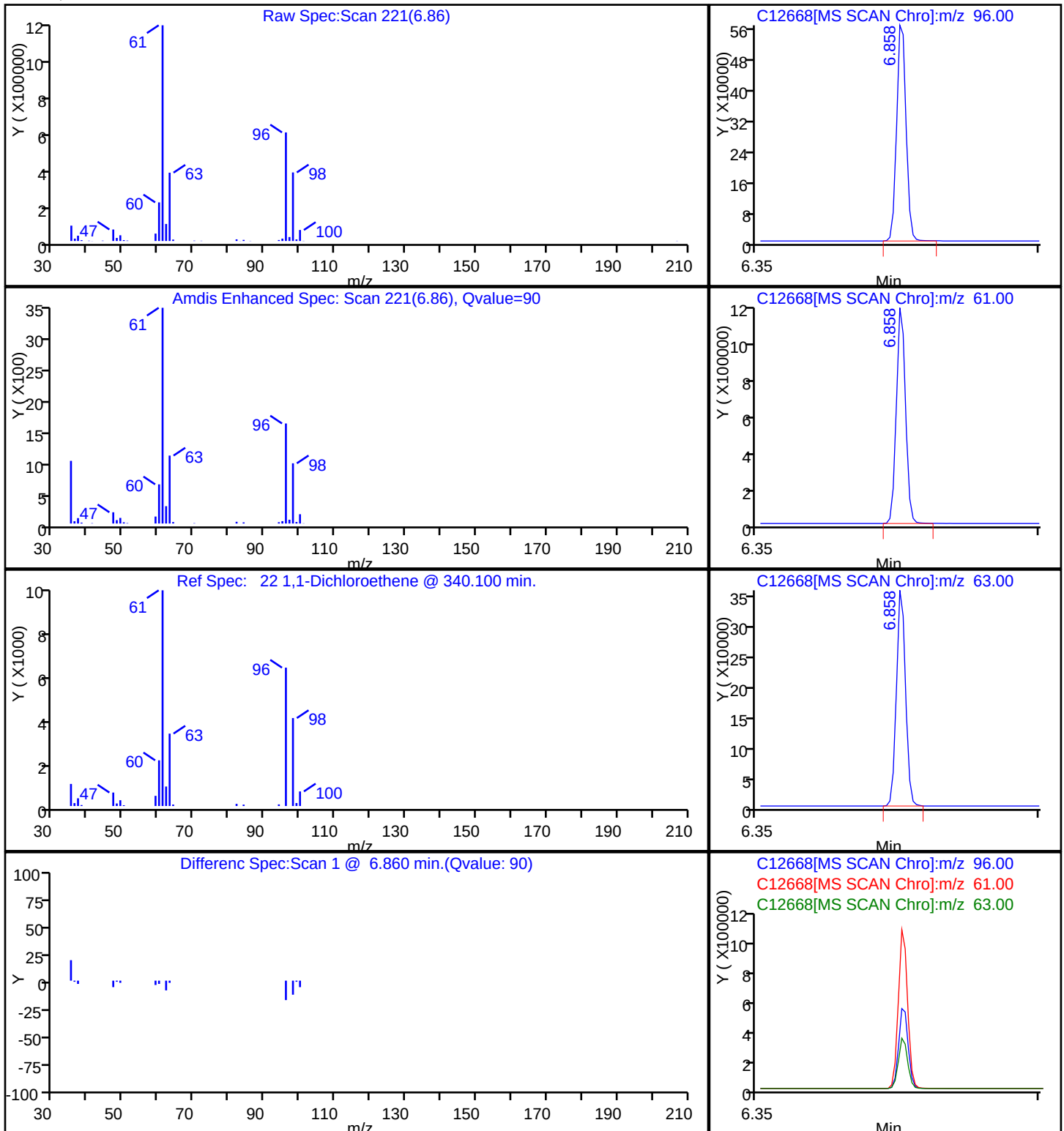
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Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

22 1,1-Dichloroethene



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

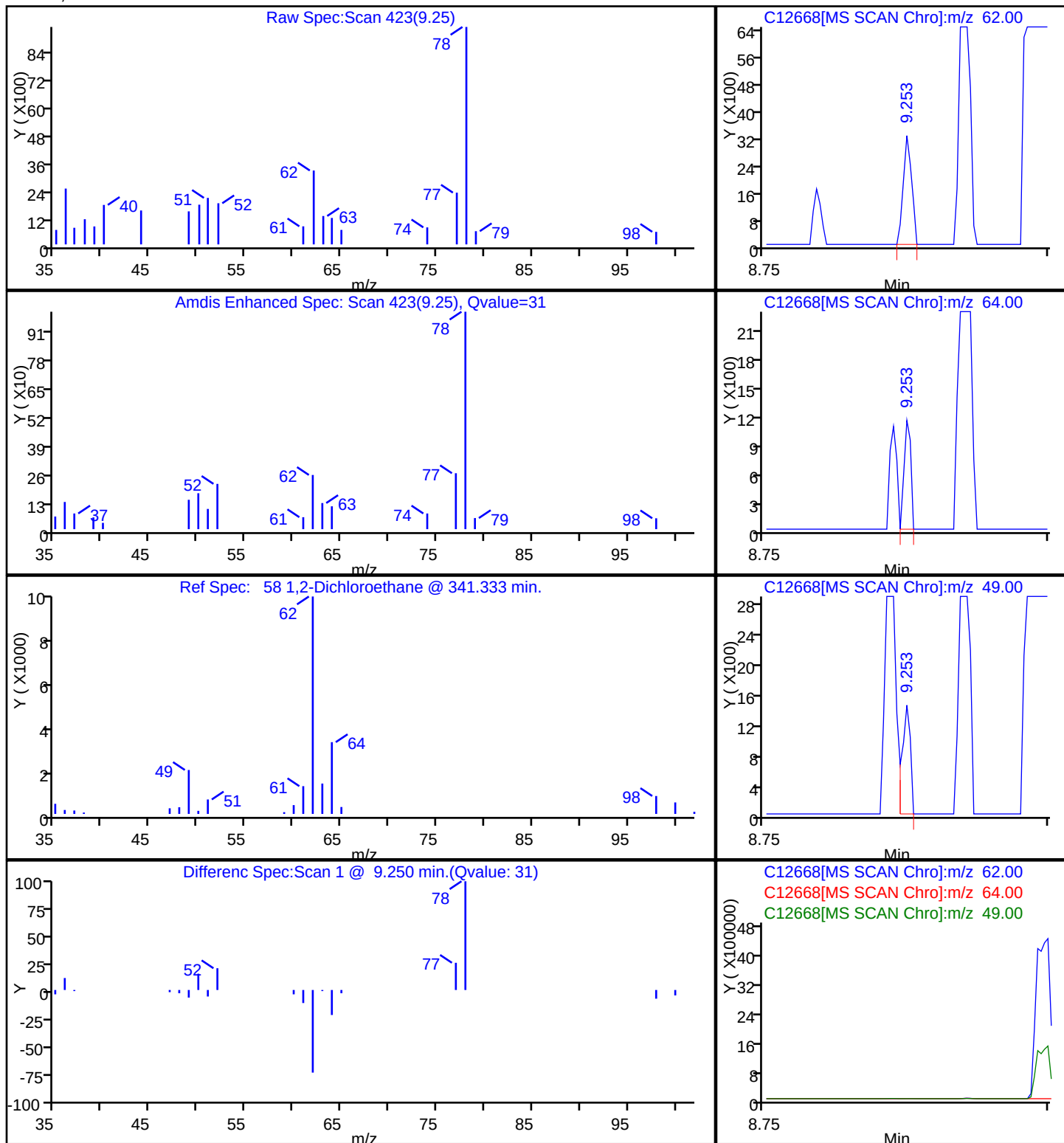
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

58 1,2-Dichloroethane



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:

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Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

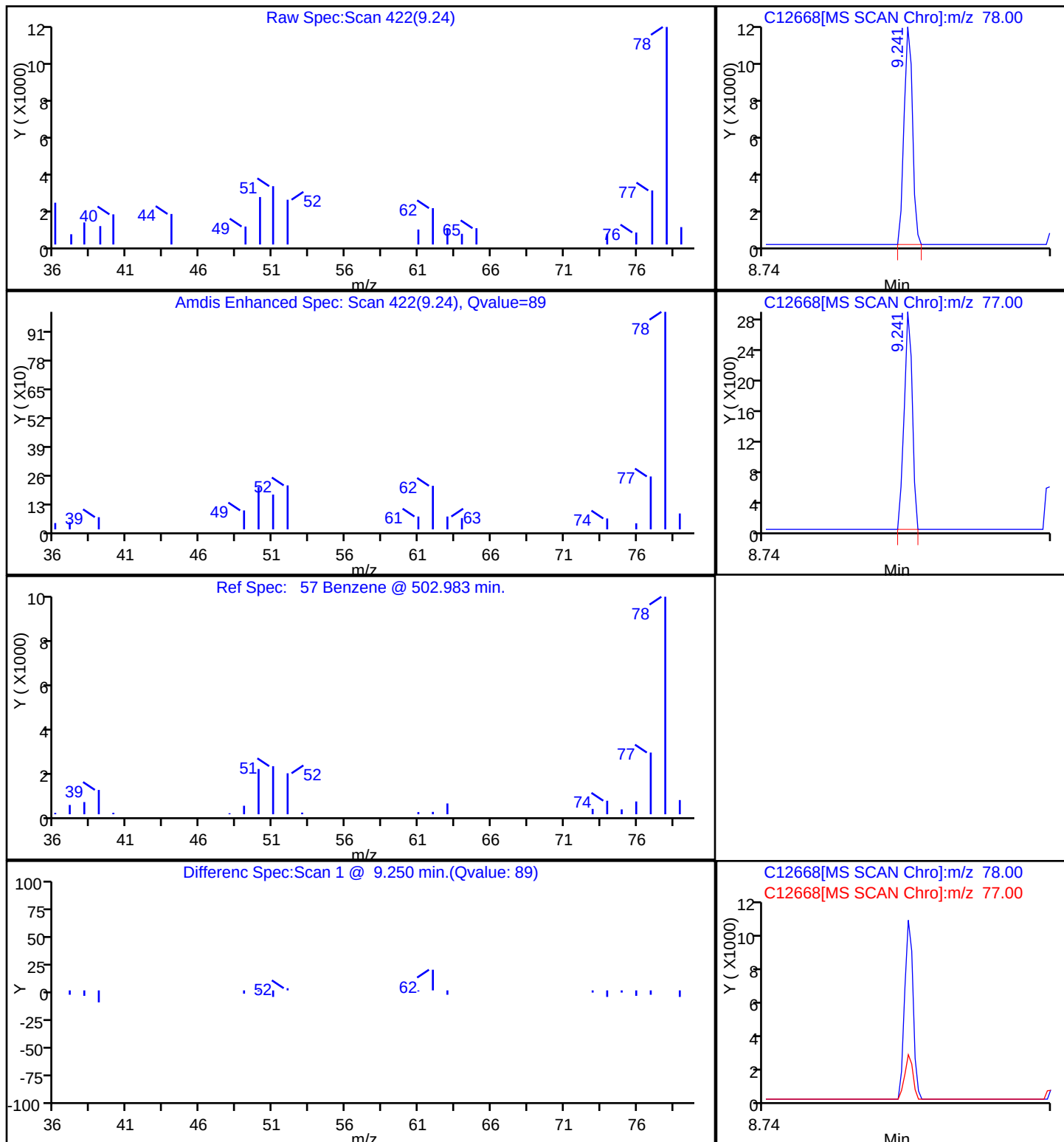
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

57 Benzene



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

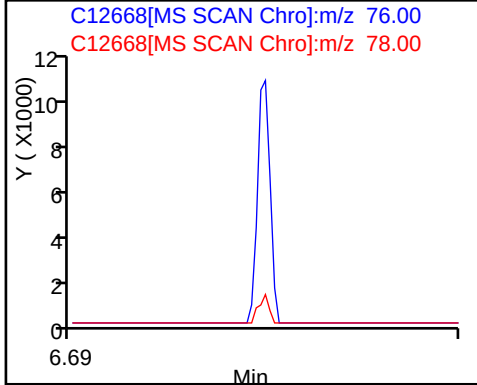
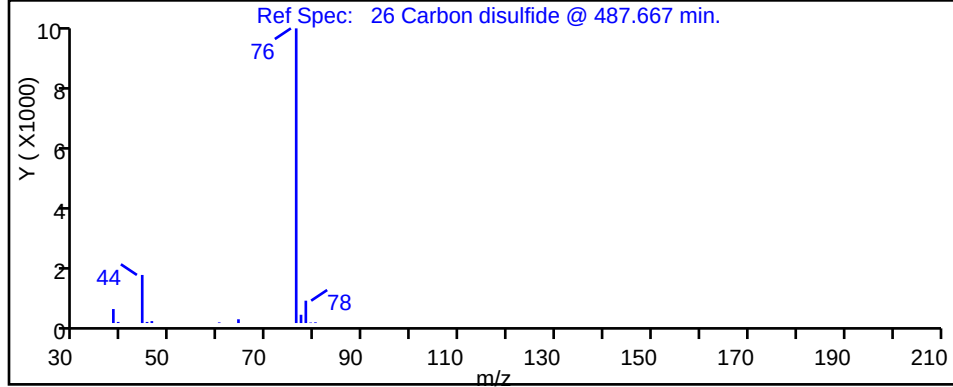
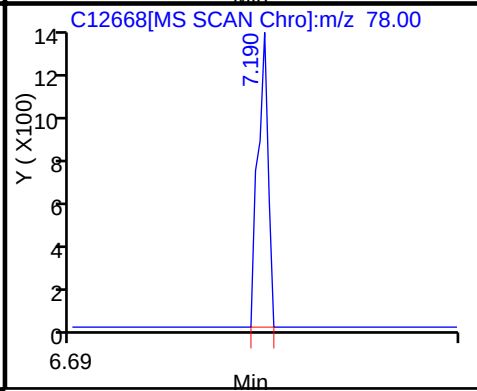
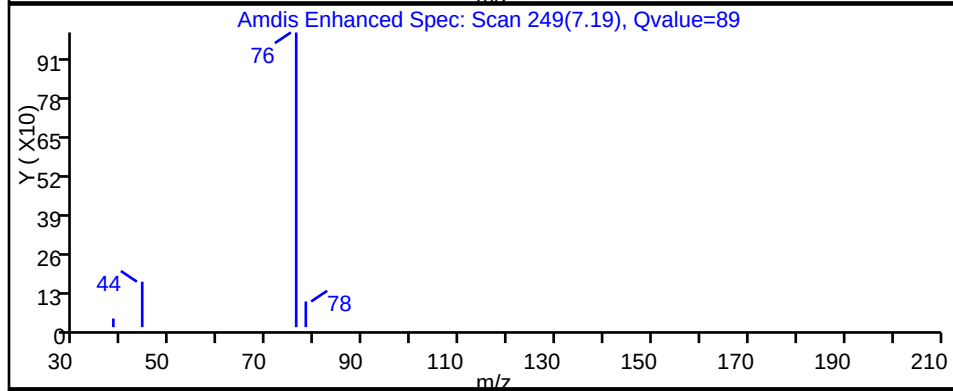
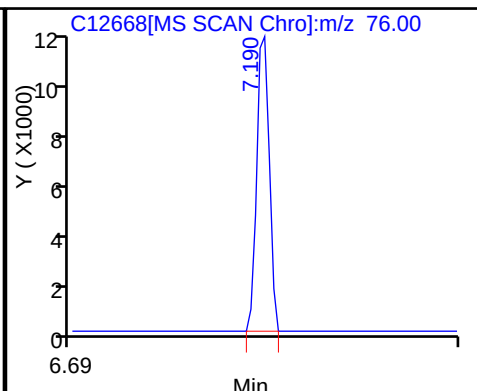
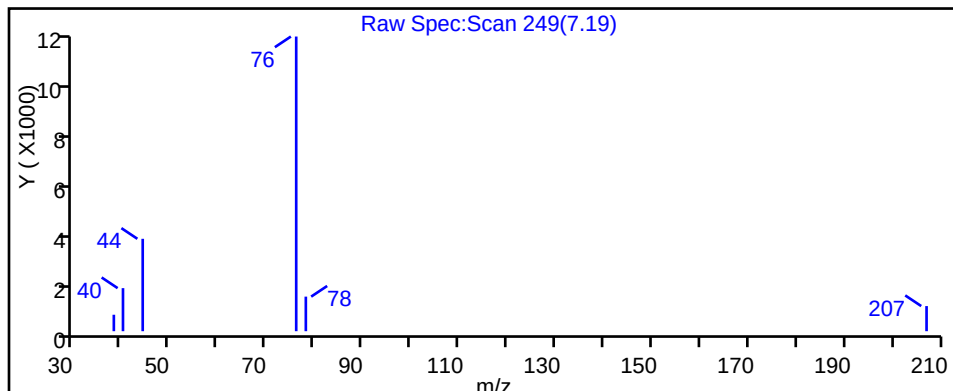
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

26 Carbon disulfide



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

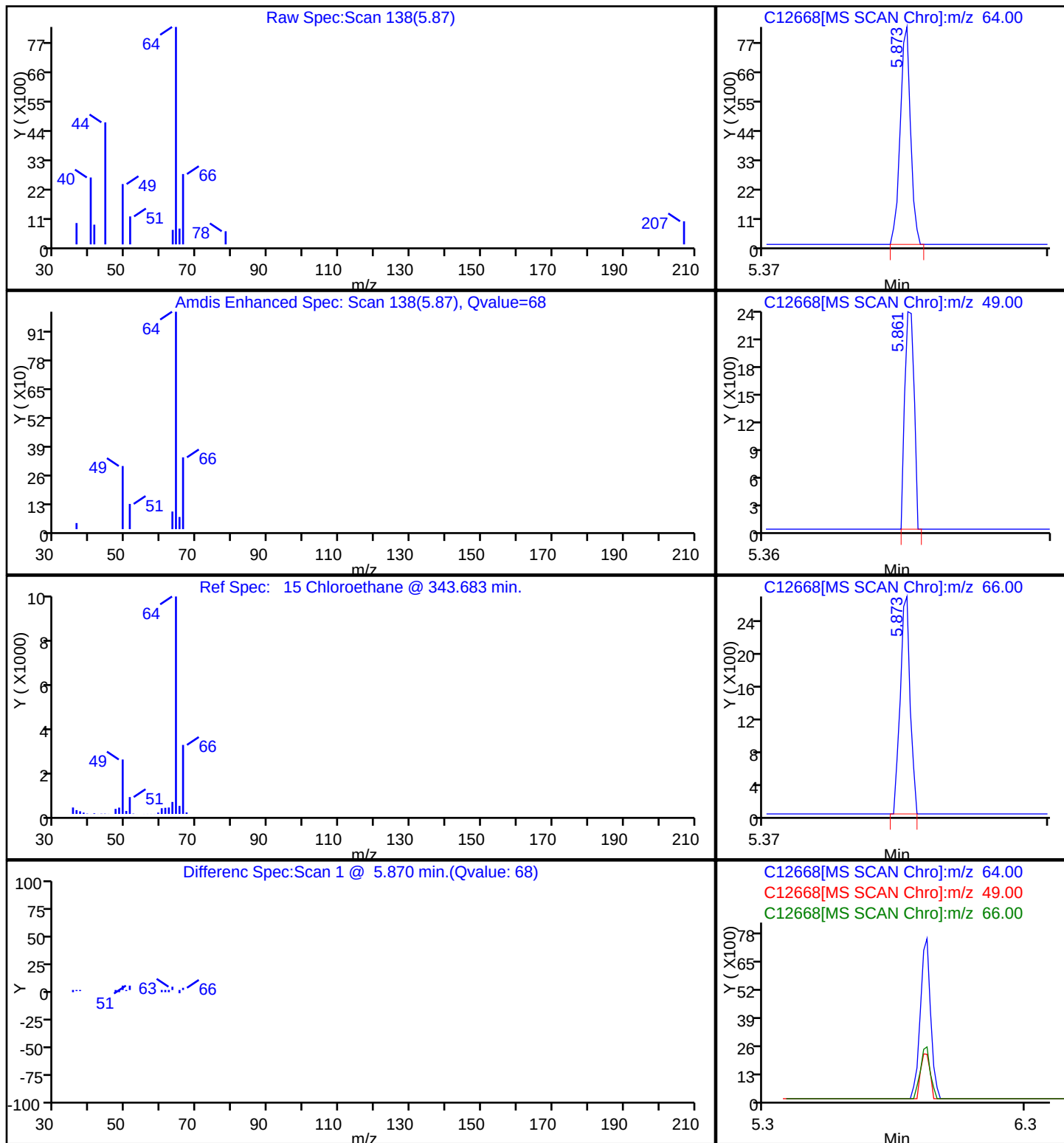
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

15 Chloroethane



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

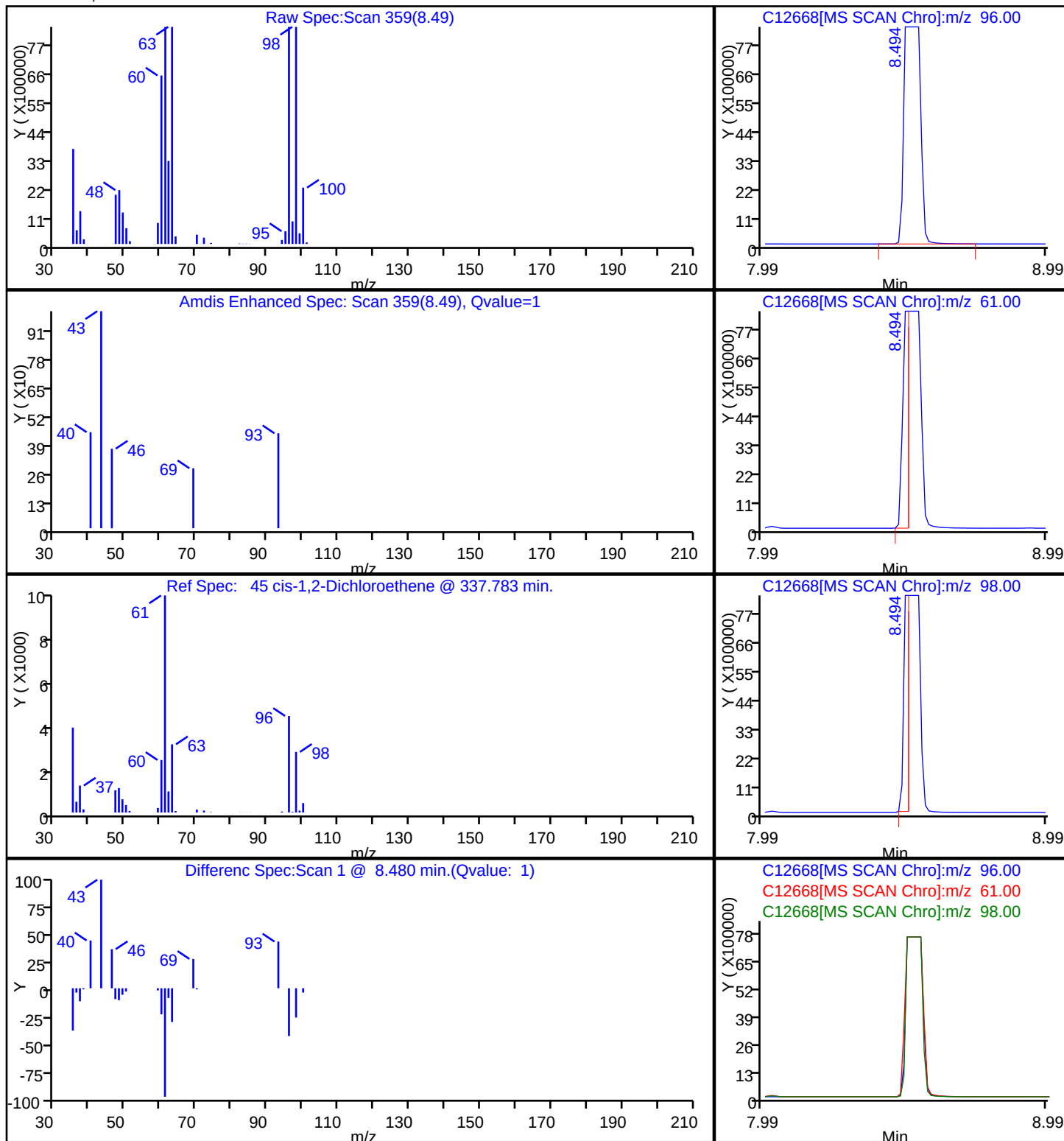
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

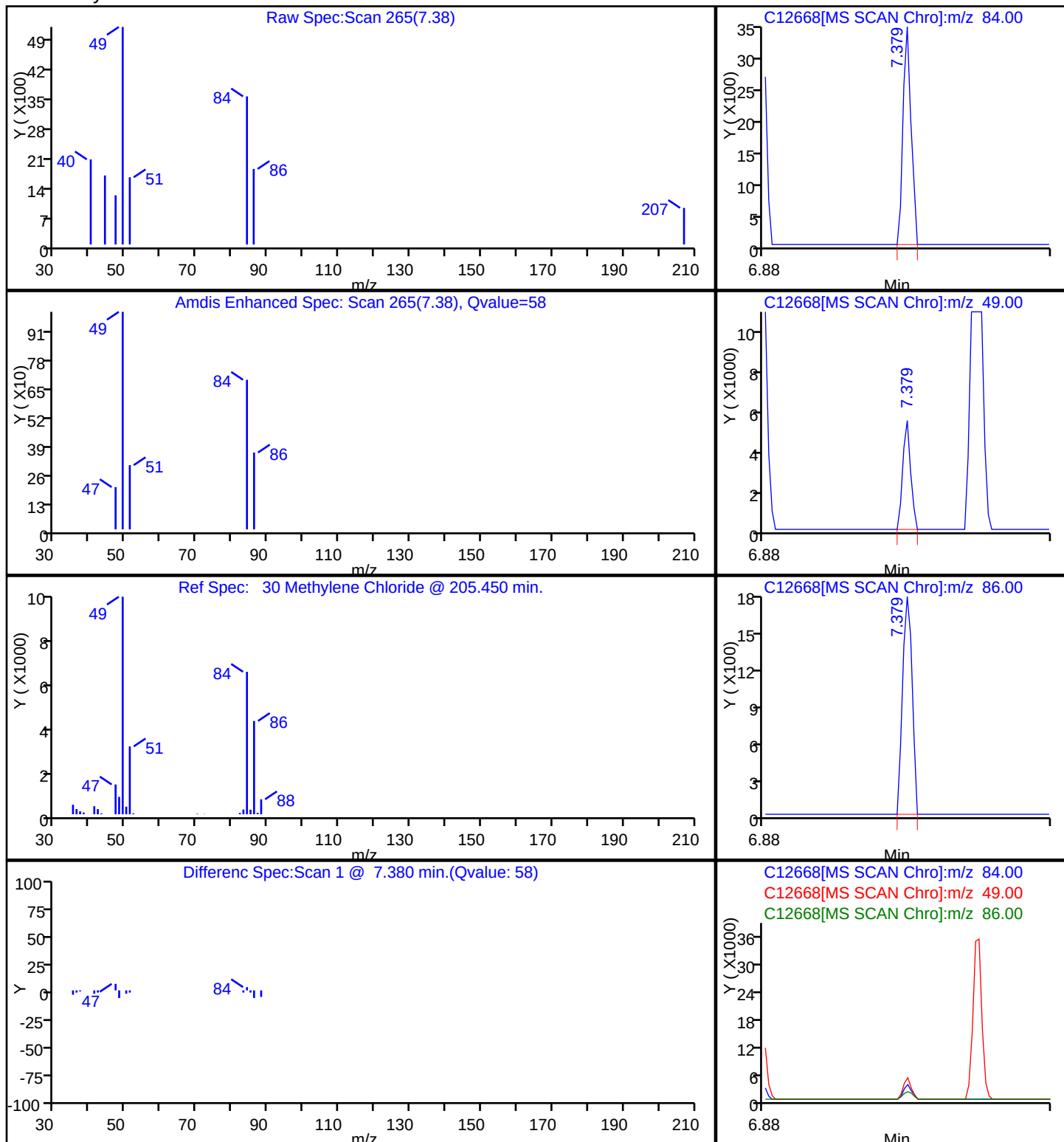
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

30 Methylene Chloride



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

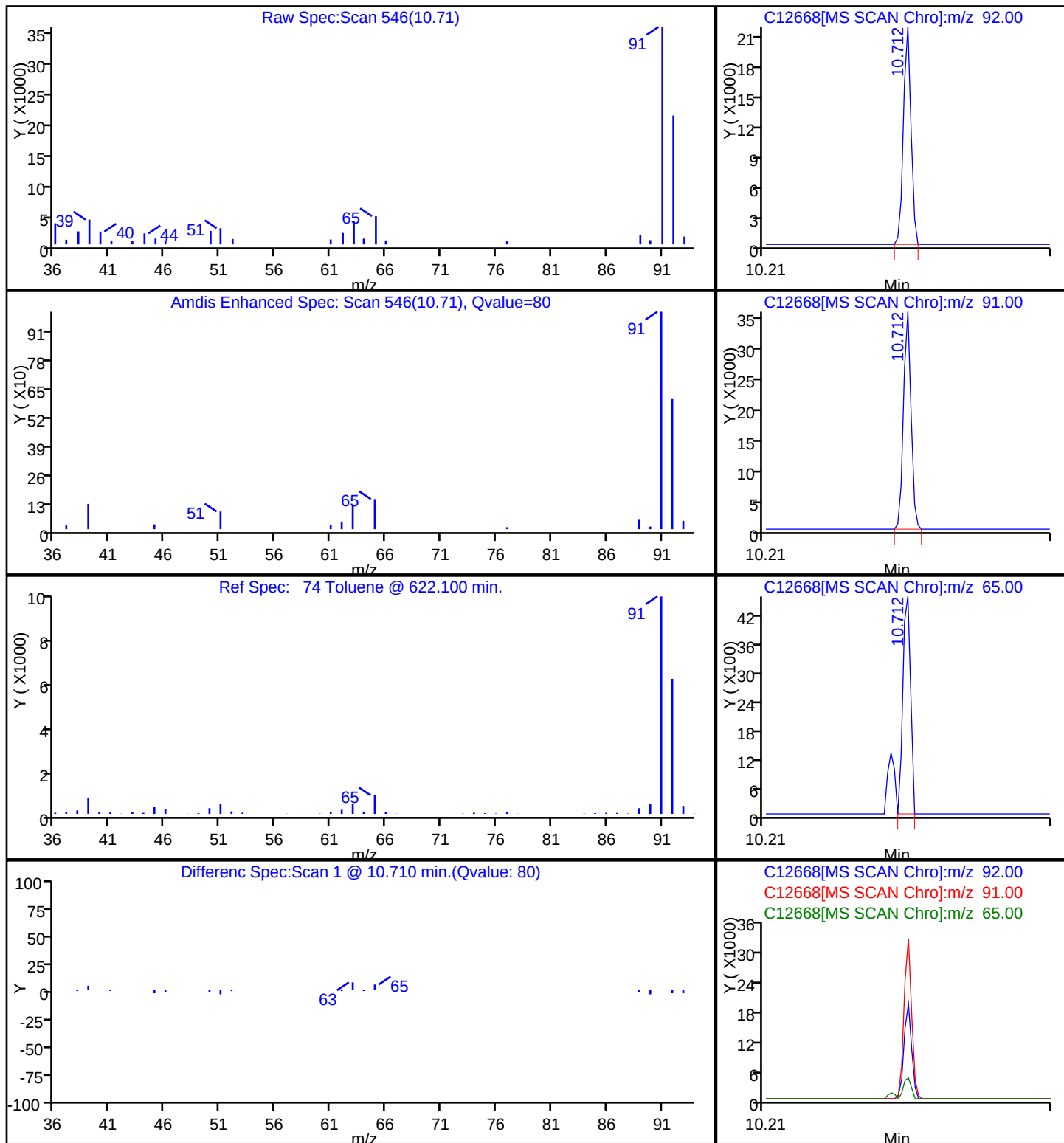
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

74 Toluene



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

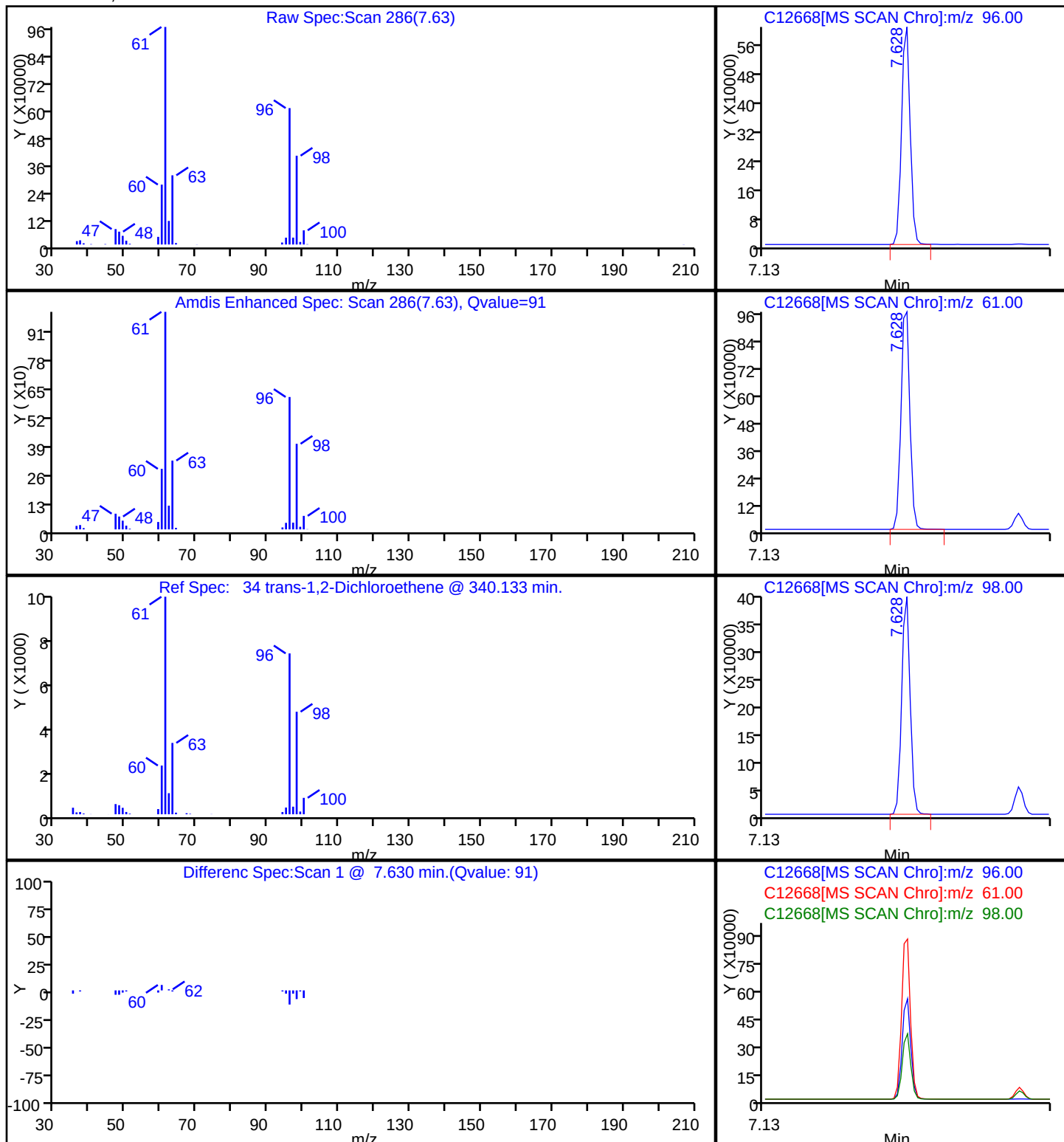
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

34 trans-1,2-Dichloroethene



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

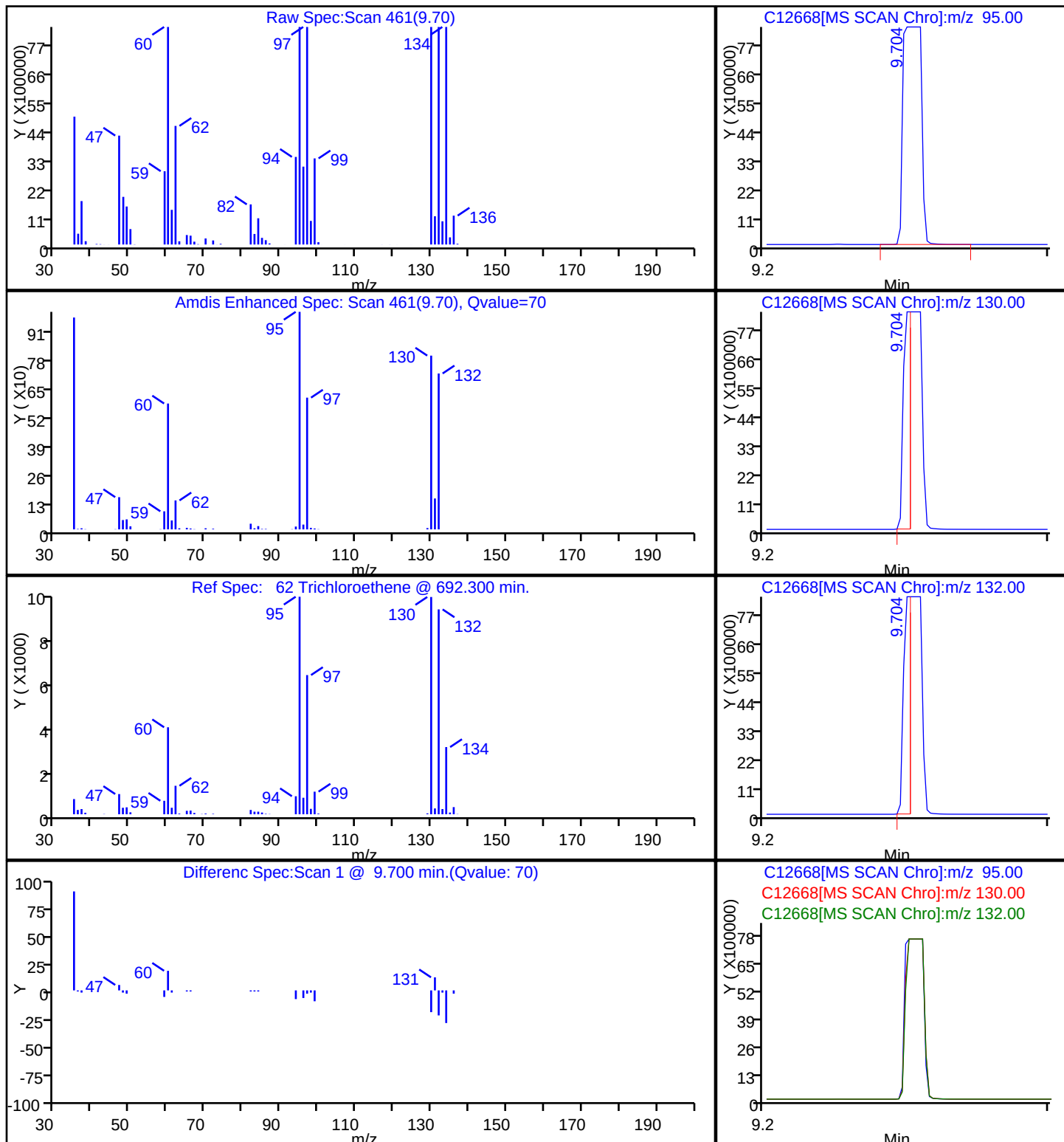
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

62 Trichloroethene



Report Date: 27-Jul-2011 22:39:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D

Injection Date: 27-Jul-2011 19:29:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5973C

Lims Batch ID: 25167

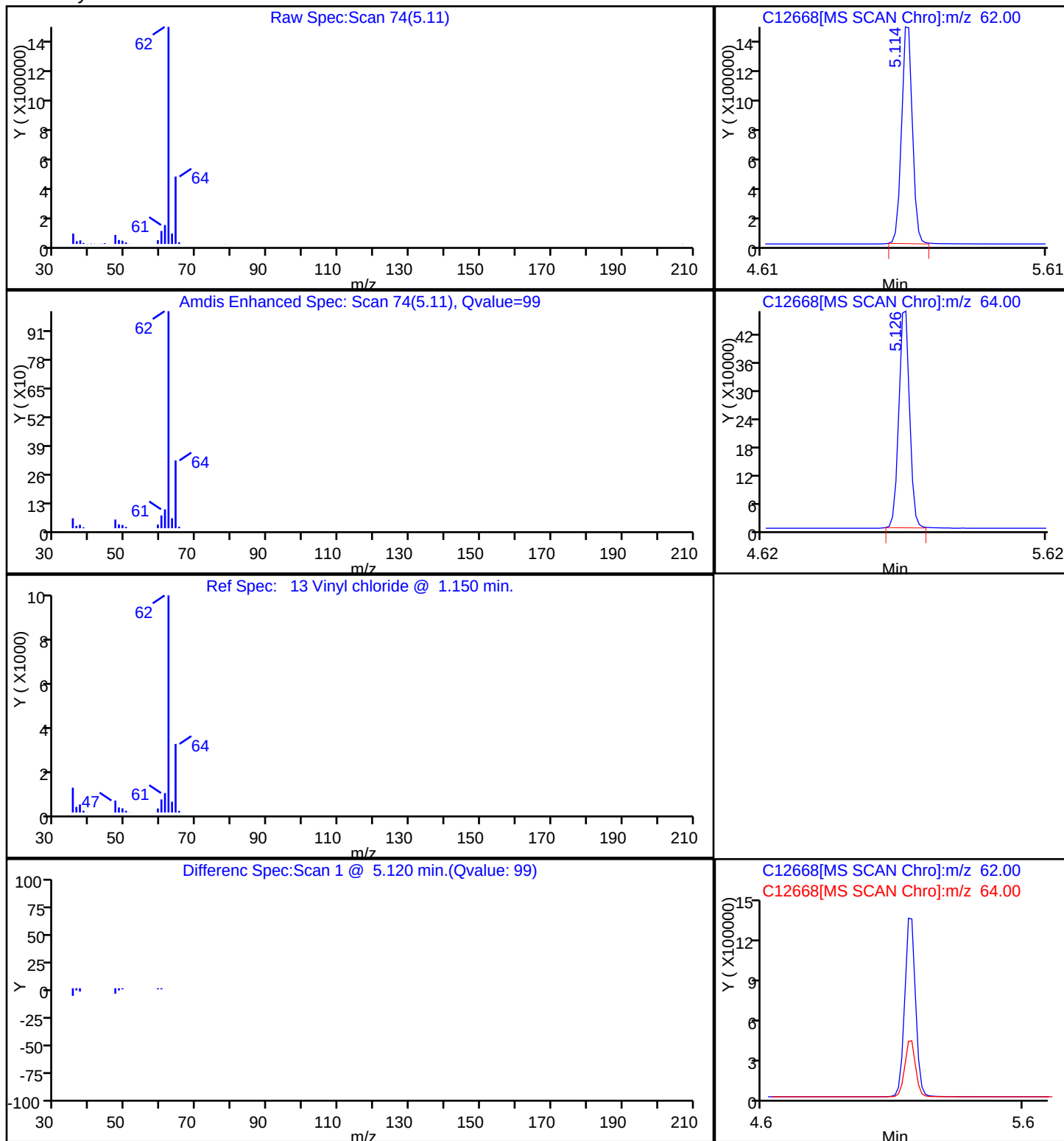
Lims Sample ID: 22

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

13 Vinyl chloride

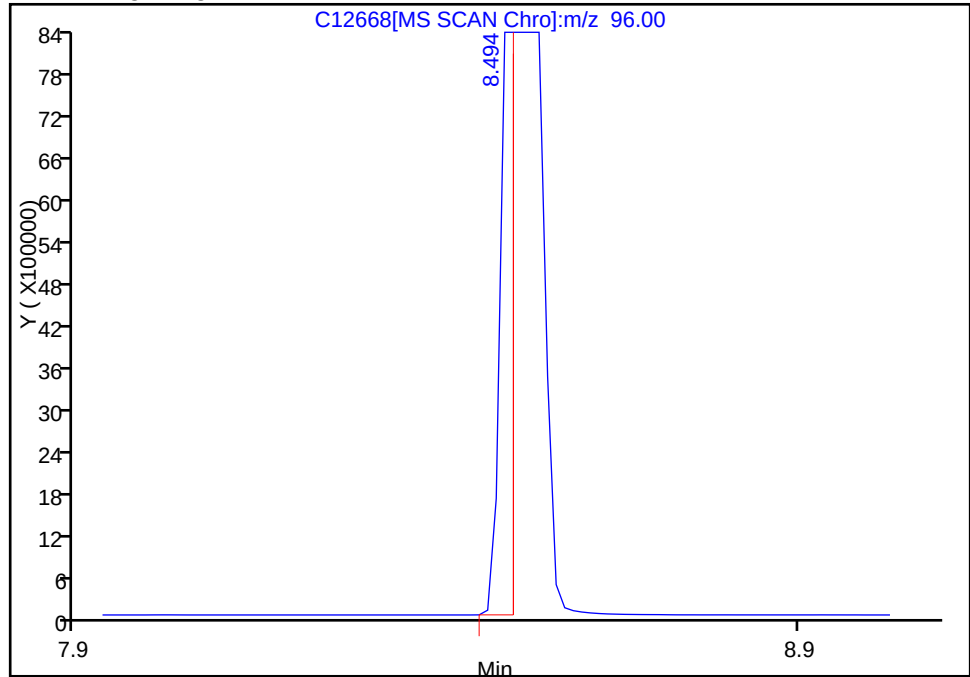


Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D
Injection Date: 27-Jul-2011 19:29:30 Limit Group: MV - 8260B ICAL
Client ID: MW-13S Instrument ID: HP5973C
Lims Batch ID: 25167 Lims Sample ID: 22
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene, Signal: 1, m/z: 96.0 Type: quant, RT: 8.52

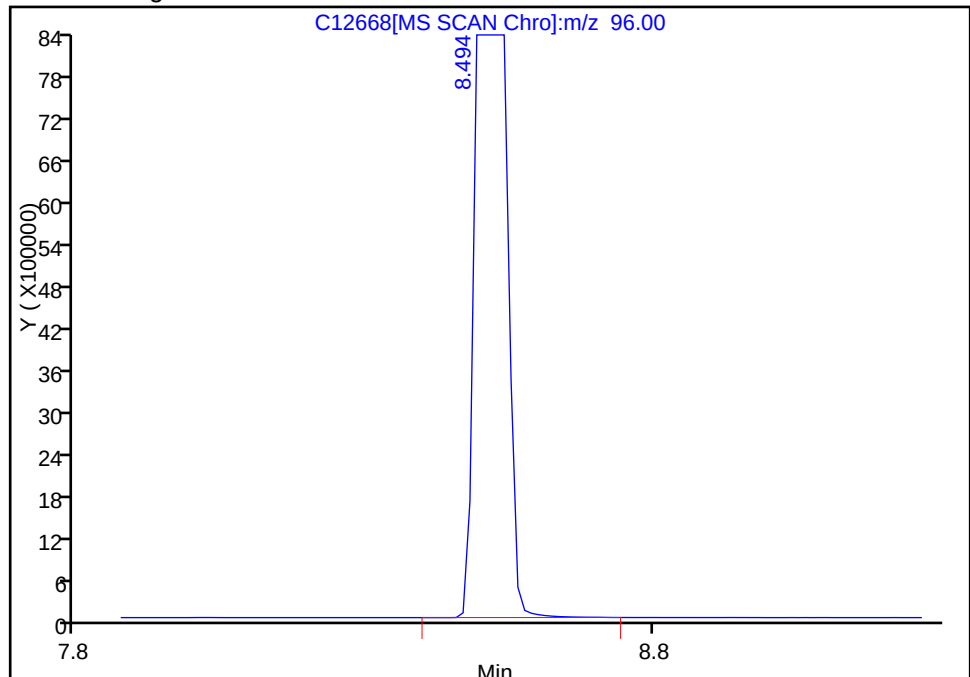
RT: 8.49
Response: 13175998
Amount: 1367.5114

Processing Integration Results



RT: 8.49
Response: 34053253
Amount: 3534.3215

Manual Integration Results



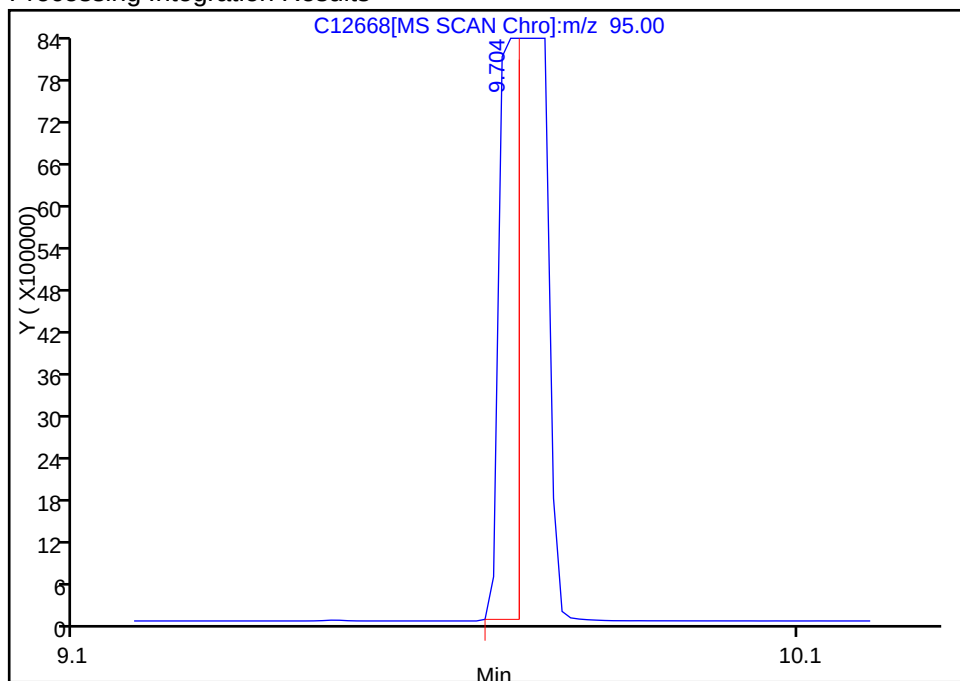
Reviewer: cwiklinc, 27-Jul-2011 22:39:44
Audit Action: Manually Integrated
Audit Reason: Split Peak

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12668.D
Injection Date: 27-Jul-2011 19:29:30 Limit Group: MV - 8260B ICAL
Client ID: MW-13S Instrument ID: HP5973C
Lims Batch ID: 25167 Lims Sample ID: 22
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

62 Trichloroethene, Signal: 1, m/z: 95.0 Type: quant, RT: 9.72

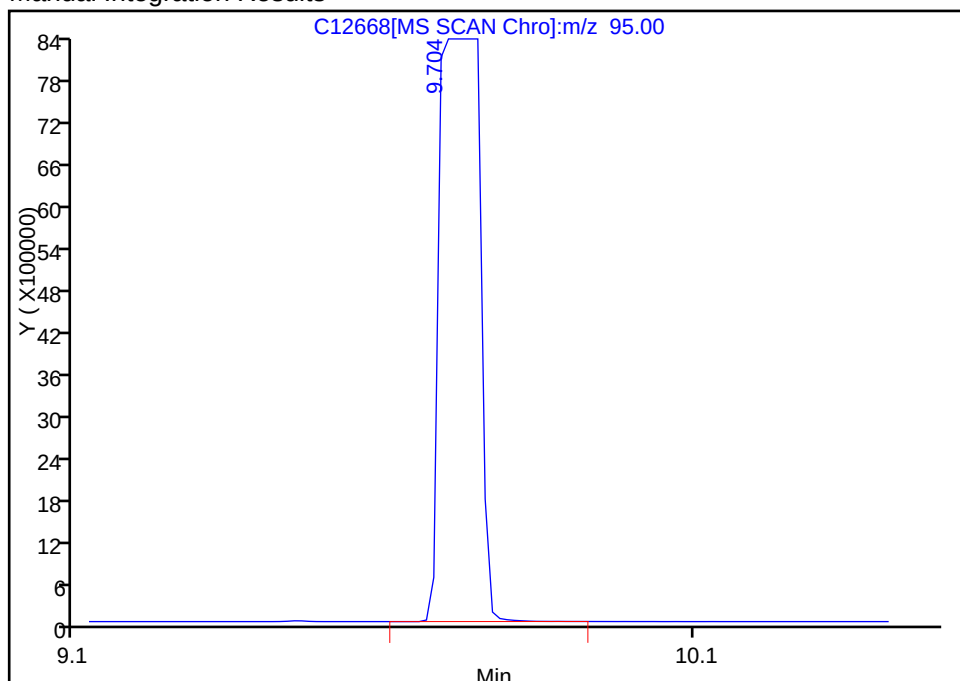
RT: 9.70
Response: 18103998
Amount: 1996.7579

Processing Integration Results



RT: 9.70
Response: 37519906
Amount: 4138.2112

Manual Integration Results



Reviewer: cwiklinc, 27-Jul-2011 22:39:44
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Client Sample ID: MW-13S DL Lab Sample ID: 480-7718-8 DL

Matrix: Ground Water Lab File ID: T9992.D

Analysis Method: 8260B Date Collected: 07/26/2011 13:30

Sample wt/vol: 5(mL) Date Analyzed: 08/02/2011 15:56

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.: 25890 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: MW-13S DL Lab Sample ID: 480-7718-8 DL
 Matrix: Ground Water Lab File ID: T9992.D
 Analysis Method: 8260B Date Collected: 07/26/2011 13:30
 Sample wt/vol: 5(mL) Date Analyzed: 08/02/2011 15:56
 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.: 25890 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		800	400
1634-04-4	Methyl tert-butyl ether	ND		800	130
108-87-2	Methylcyclohexane	ND		800	130
75-09-2	Methylene Chloride	ND		800	350
100-42-5	Styrene	ND		800	580
127-18-4	Tetrachloroethene	ND		800	290
108-88-3	Toluene	ND		800	410
156-60-5	trans-1,2-Dichloroethene	ND		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	31000		800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	ND		800	720
1330-20-7	Xylenes, Total	ND		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		66-137
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9992.D
 Lims ID: 480-7718-A-8 Client ID: MW-13S
 Inject. Date: 02-Aug-2011 15:56:30 Dil. Factor: 800.0000
 Sample Type: Client
 Sample ID: 480-7718-A-8
 Misc. Info.: 480-0005007-008
 Operator: LH Instrument ID: HP5975T
 Vol. Injected: 1.0000 ALS Bottle#: 43
 Lims Batch ID: 25890 Lims Sample ID: 8
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T-8260.m
 Last Update: 03-Aug-2011 08:09:33 Calib Date: 21-Jul-2011 18:26:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HillL

Date: 03-Aug-2011 11:09:22

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.582	4.582	0.0	95	591953	25.0	
* 2 Chlorobenzene-d5	117	6.779	6.779	0.0	85	522654	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.645	8.645	0.0	95	278427	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.271	4.261	0.010	0	239770	25.9	
\$ 6 Toluene-d8 (Surr)	98	5.670	5.670	0.0	95	655909	25.2	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.722	7.722	0.0	89	192711	24.8	
11 Dichlorodifluoromethane	85		0.966					
13 Chloromethane	50		1.090					
14 Vinyl chloride	62		1.163					
15 Bromomethane	94		1.401					
16 Chloroethane	64		1.484					
17 Trichlorofluoromethane	101		1.671					
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.106					
22 1,1-Dichloroethene	96		2.106					
23 Acetone	43		2.240					
25 Carbon disulfide	76		2.272					
28 Methyl acetate	43		2.510					
30 Methylene Chloride	84		2.572					
33 Methyl tert-butyl ether	73		2.779					
32 trans-1,2-Dichloroethene	96		2.779					
36 1,1-Dichloroethane	63		3.152					
43 cis-1,2-Dichloroethene	96	3.619	3.619	0.0	72	196866	23.8	
44 2-Butanone (MEK)	43		3.681					
50 Chloroform	83		3.888					
51 1,1,1-Trichloroethane	97		3.971					
52 Cyclohexane	56		3.971					
53 Carbon tetrachloride	117		4.085					
55 Benzene	78		4.261					
57 1,2-Dichloroethane	62		4.323					
60 Trichloroethene	95	4.748	4.748	0.0	92	310815	39.3	
62 Methylcyclohexane	83		4.842					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		4.945					
67 Dichlorobromomethane	83		5.173					
71 cis-1,3-Dichloropropene	75		5.494					
72 4-Methyl-2-pentanone (MIBK)	43		5.629					
73 Toluene	92		5.712					
75 trans-1,3-Dichloropropene	75		5.930					
78 1,1,2-Trichloroethane	83		6.075					
79 Tetrachloroethene	166		6.116					
81 2-Hexanone	43		6.261					
82 Chlorodibromomethane	129		6.375					
83 Ethylene Dibromide	107		6.448					
86 Chlorobenzene	112		6.811					
88 Ethylbenzene	91		6.873					
90 m-Xylene & p-Xylene	106		6.966					
91 o-Xylene	106		7.287					
92 Styrene	104		7.308					
93 Bromoform	173		7.484					
95 Isopropylbenzene	105		7.567					
98 1,1,2,2-Tetrachloroethane	83		7.878					
110 1,3-Dichlorobenzene	146		8.583					
113 1,4-Dichlorobenzene	146		8.666					
116 1,2-Dichlorobenzene	146		8.966					
117 1,2-Dibromo-3-Chloropropane	75		9.640					
119 1,2,4-Trichlorobenzene	180		10.282					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 03-Aug-2011 11:09:23

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9992.D

Injection Date: 02-Aug-2011 15:56:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5975T

Lims Batch ID: 25890

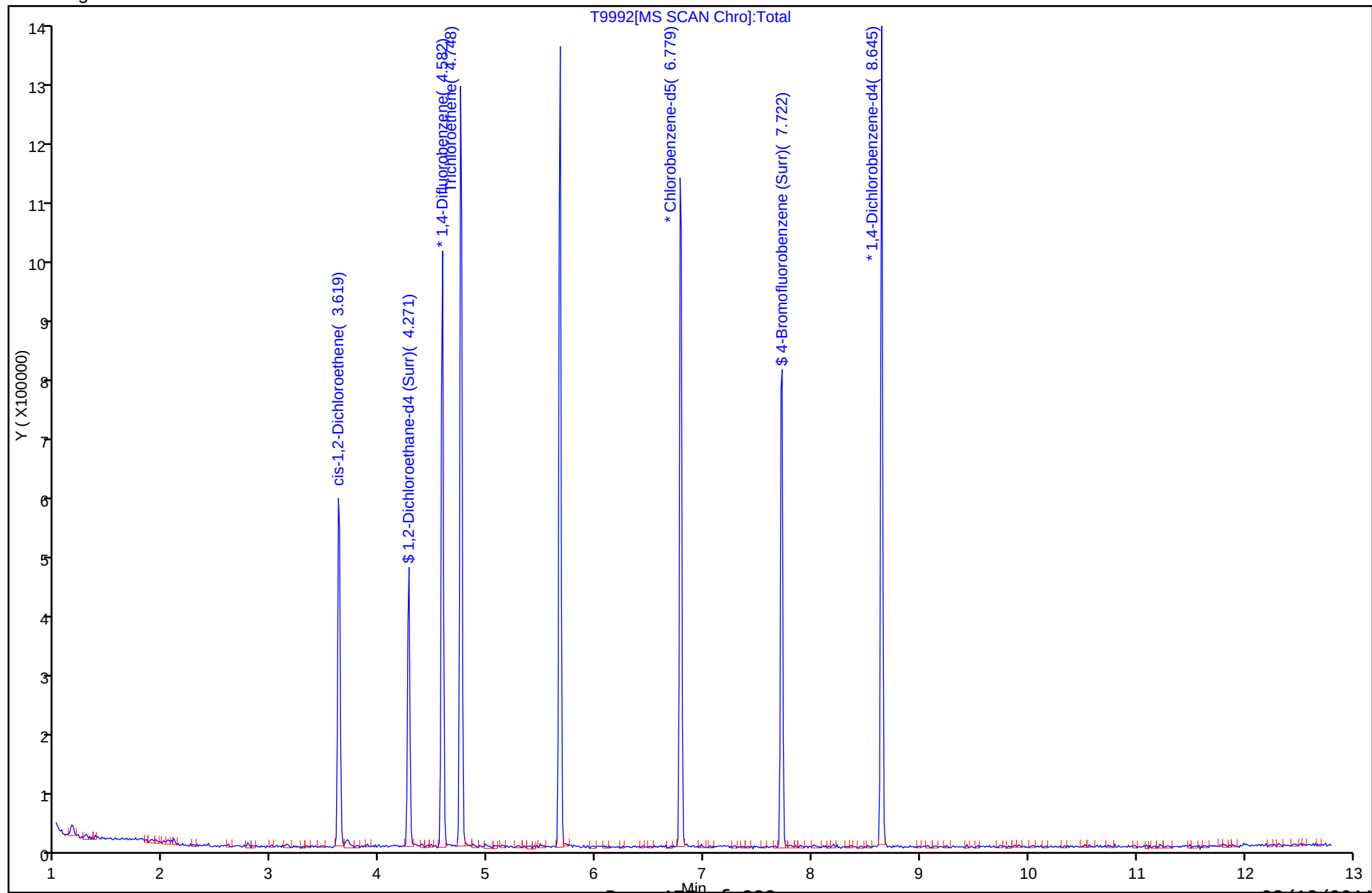
Lims Sample ID: 8

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



Report Date: 03-Aug-2011 11:09:23

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9992.D

Injection Date: 02-Aug-2011 15:56:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5975T

Lims Batch ID: 25890

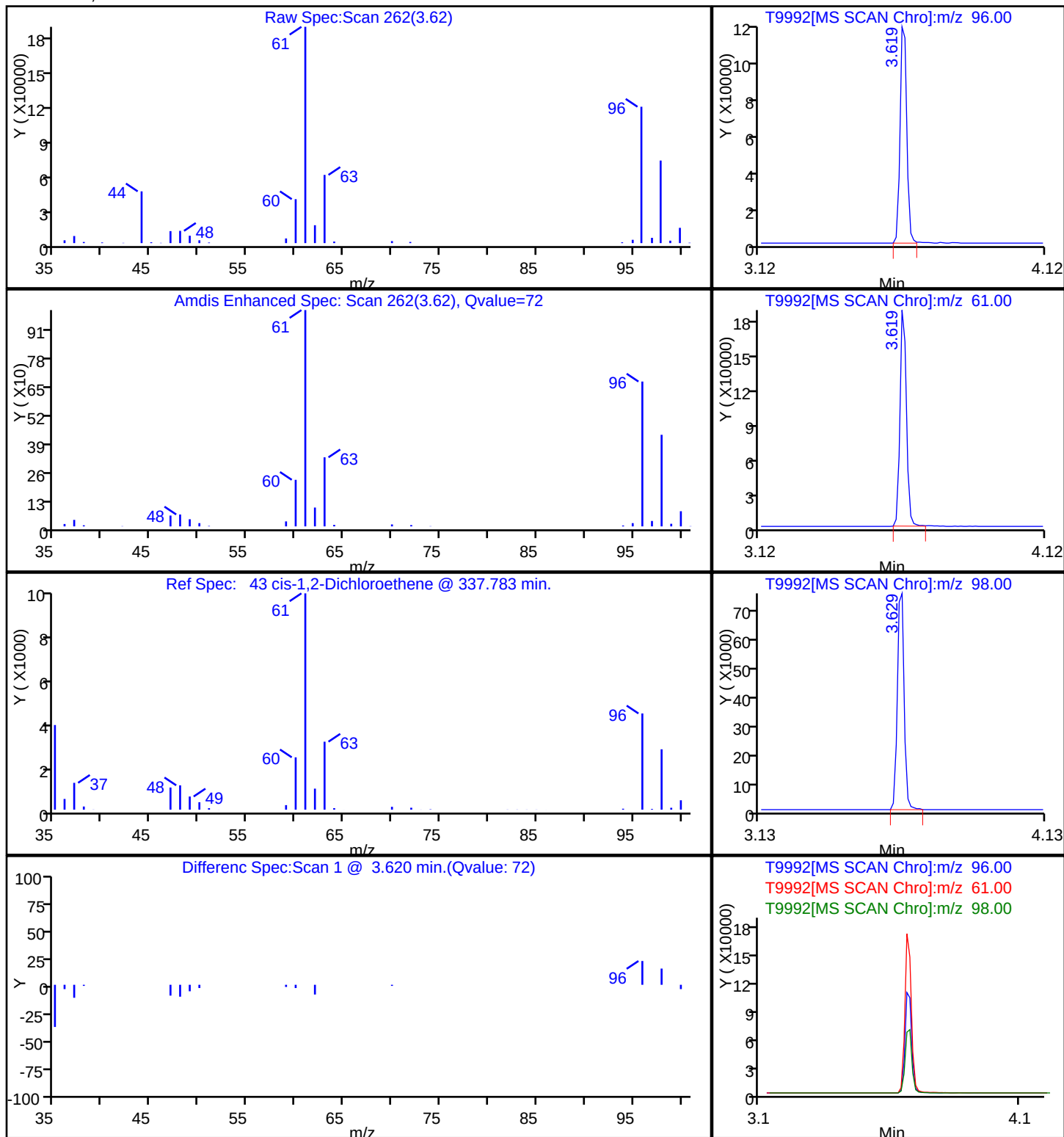
Lims Sample ID: 8

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

43 cis-1,2-Dichloroethene



Report Date: 03-Aug-2011 11:09:23

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9992.D

Injection Date: 02-Aug-2011 15:56:30

Limit Group: MV - 8260B ICAL

Client ID: MW-13S

Instrument ID: HP5975T

Lims Batch ID: 25890

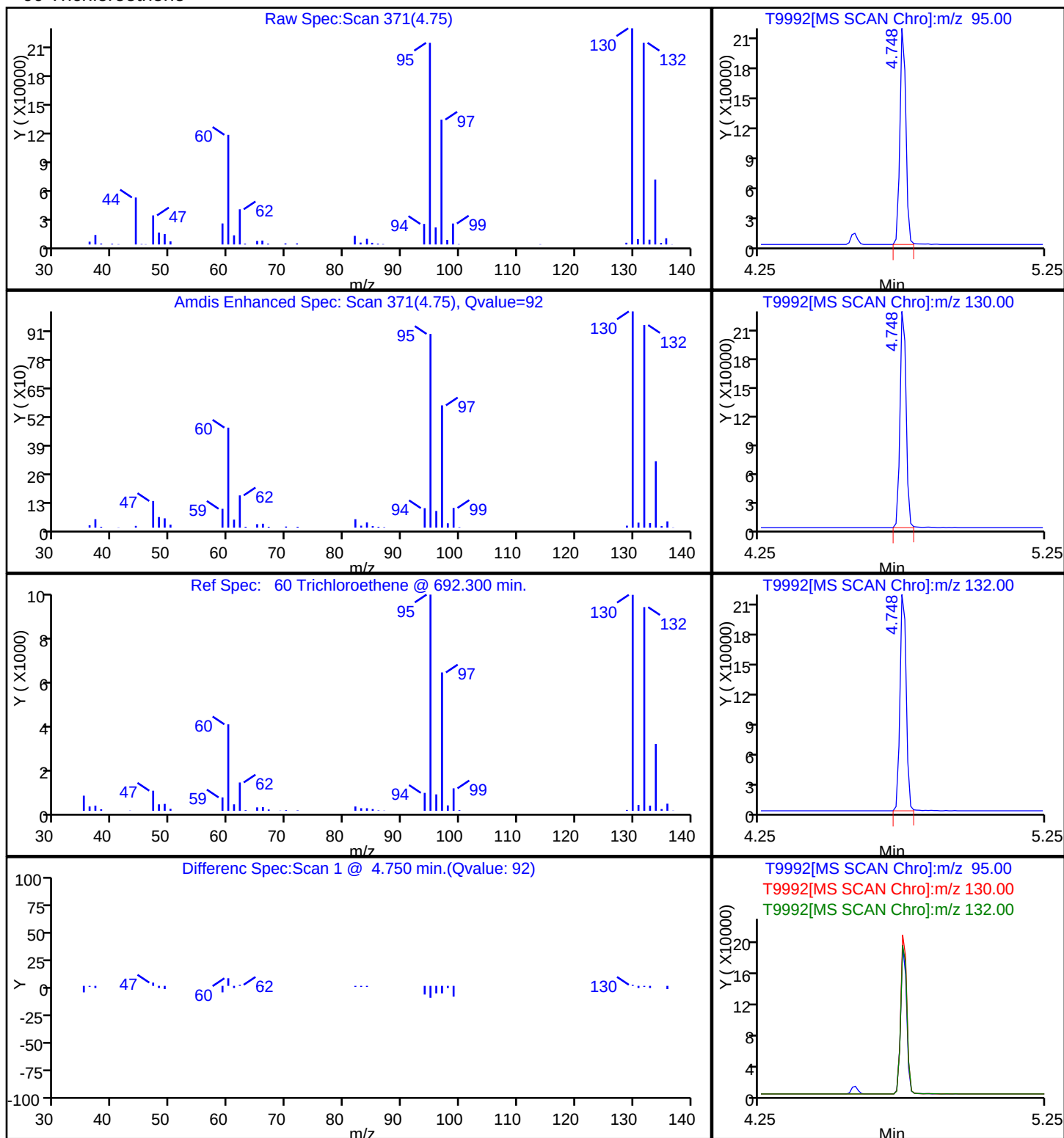
Lims Sample ID: 8

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Client Sample ID: Duplicate Lab Sample ID: 480-7718-9

Matrix: Water Lab File ID: C12669.D

Analysis Method: 8260B Date Collected: 07/26/2011 16:00

Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 19:54

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)

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

Analysis Batch No.: 25167 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.8		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	0.43	J	1.0	0.21
79-00-5	1,1,2-Trichloroethane	0.45	J	1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	94		1.0	0.38
75-35-4	1,1-Dichloroethene	160	E	1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	0.64	J	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	1.1		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	2.8		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	3600	E	1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: Duplicate Lab Sample ID: 480-7718-9
 Matrix: Water Lab File ID: C12669.D
 Analysis Method: 8260B Date Collected: 07/26/2011 16:00
 Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 19:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 25167 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	0.67	J	1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	2.1		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	130	E	1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	4200	E	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	320	E	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)	110		66-137
2037-26-5	Toluene-d8 (Surr)	112		71-126
460-00-4	4-Bromofluorobenzene (Surr)	105		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D
 Lims ID: 480-7718-A-9 Client ID: Duplicate
 Inject. Date: 27-Jul-2011 19:54:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-7718-A-9
 Misc. Info.: 480-0004882-023
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 22
 Lims Batch ID: 25167 Lims Sample ID: 23
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C-8260.m
 Last Update: 27-Jul-2011 22:36:24 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 27-Jul-2011 22:42:41

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.454	9.455	-0.001	96	709154	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	88	367584	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	97	328112	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	146612	27.4	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	789117	27.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	84	222079	26.3	
10 Dichlorodifluoromethane	85		4.486					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62	5.114	5.114	0.0	99	3840057	315.0	E
14 Bromomethane	94		5.731					
15 Chloroethane	64	5.873	5.873	0.0	67	19995	2.75	
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.810					
22 1,1-Dichloroethene	96	6.857	6.869	-0.012	86	1308686	164.7	E
23 Acetone	43	6.917	6.905	0.012	67	8459	2.69	
26 Carbon disulfide	76	7.189	7.190	-0.001	89	26506	1.07	
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84	7.379	7.379	0.0	60	7069	0.6717	
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	94	1202719	134.5	E
39 1,1-Dichloroethane	63	8.020	8.020	0.0	98	1674393	94.3	
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96	8.494	8.494	-0.024	1	33967574	3570.7	EM
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	80	38755	2.80	
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78	9.241	9.241	0.0	85	21839	0.6394	
58 1,2-Dichloroethane	62		9.253					
62 Trichloroethene	95	9.703	9.703	-0.013	66	37307214	4167.6	EM
64 Methylcyclohexane	83		9.870					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.917					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92	10.711	10.712	-0.001	92	40811	2.05	
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	17	2831	0.4481	
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
91 o-Xylene	106		12.301					
92 Styrene	104		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.585					
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	1	4201	0.4259	
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.305					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.238					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

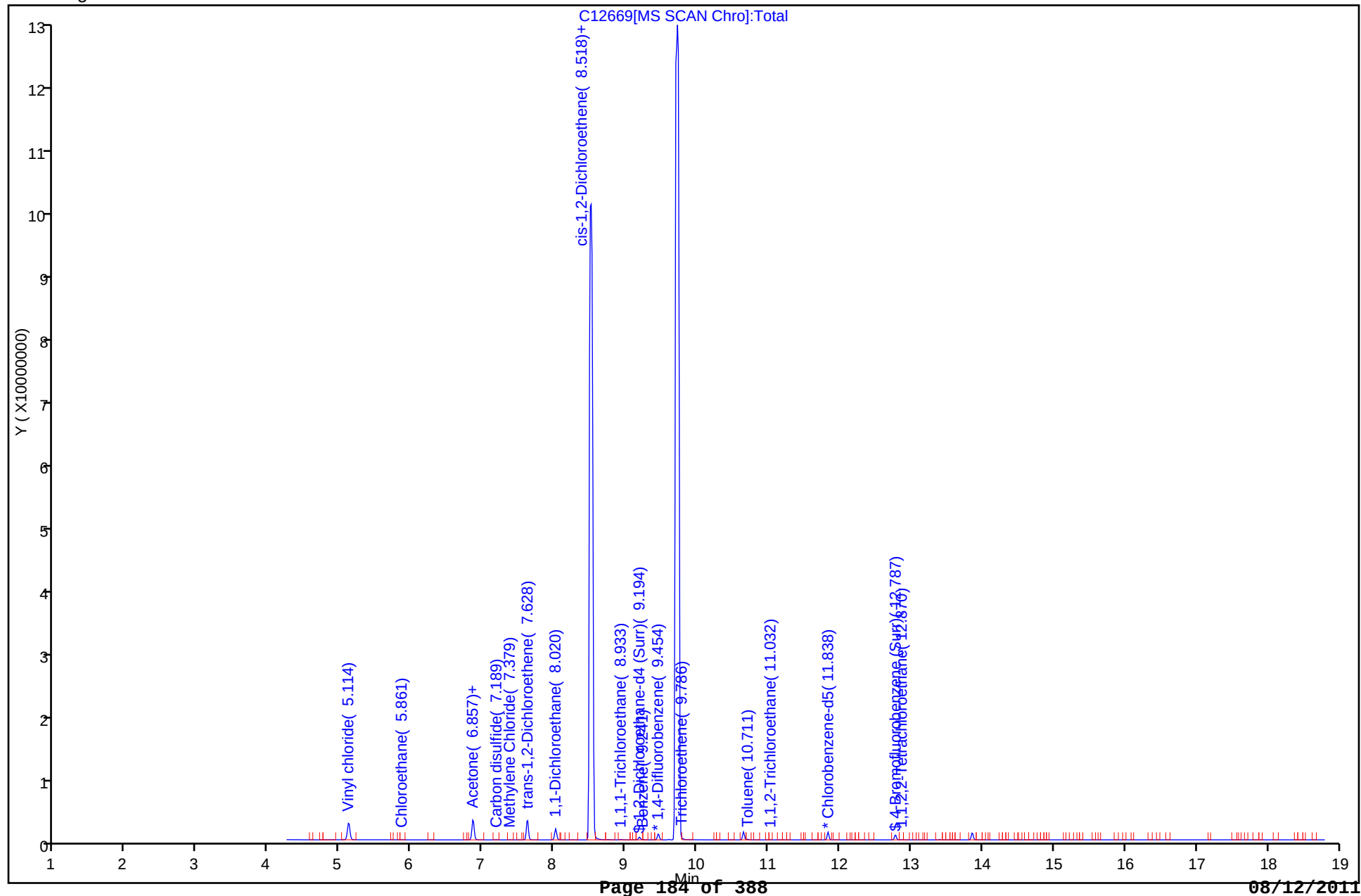
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

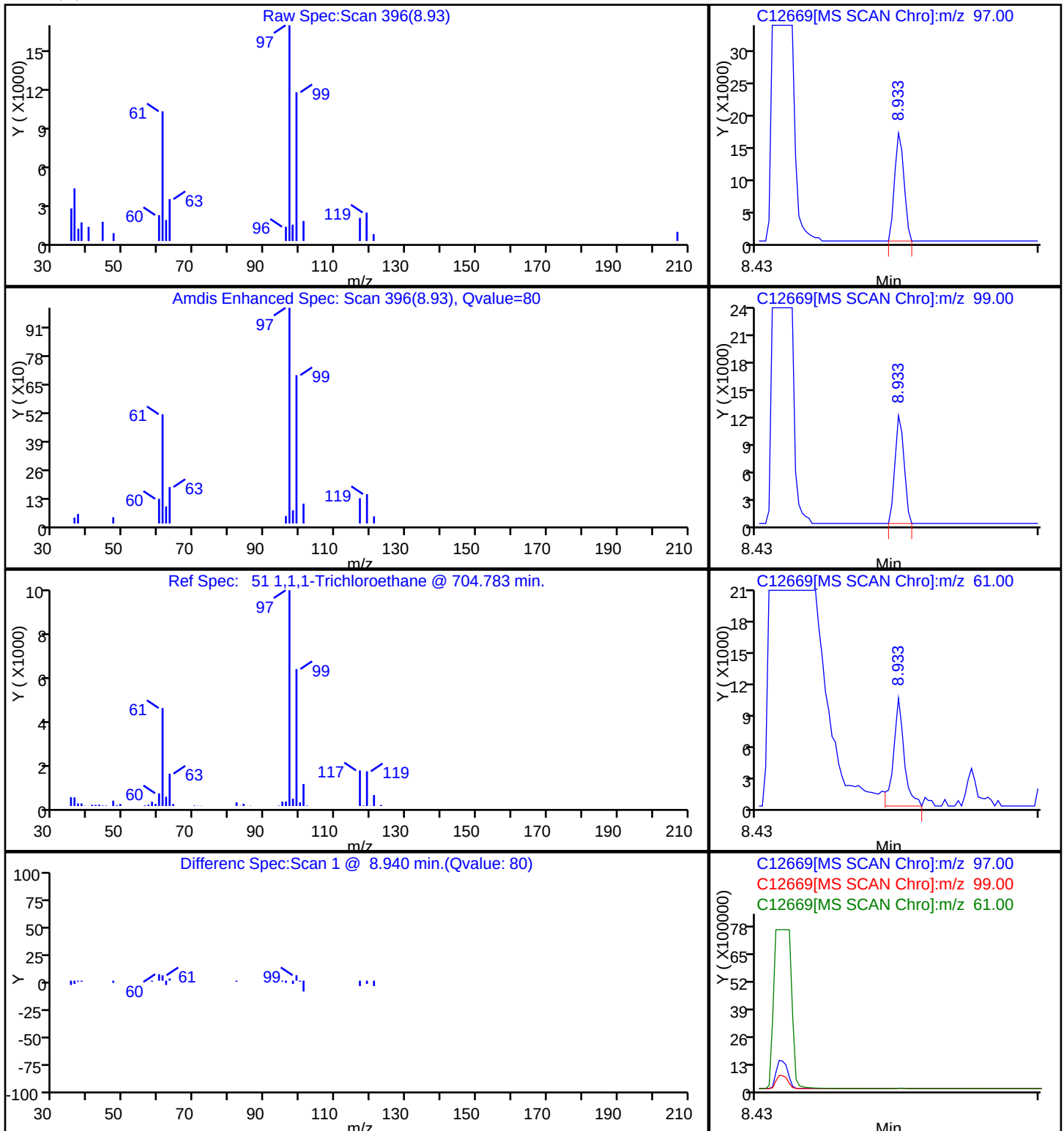
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

51 1,1,1-Trichloroethane



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

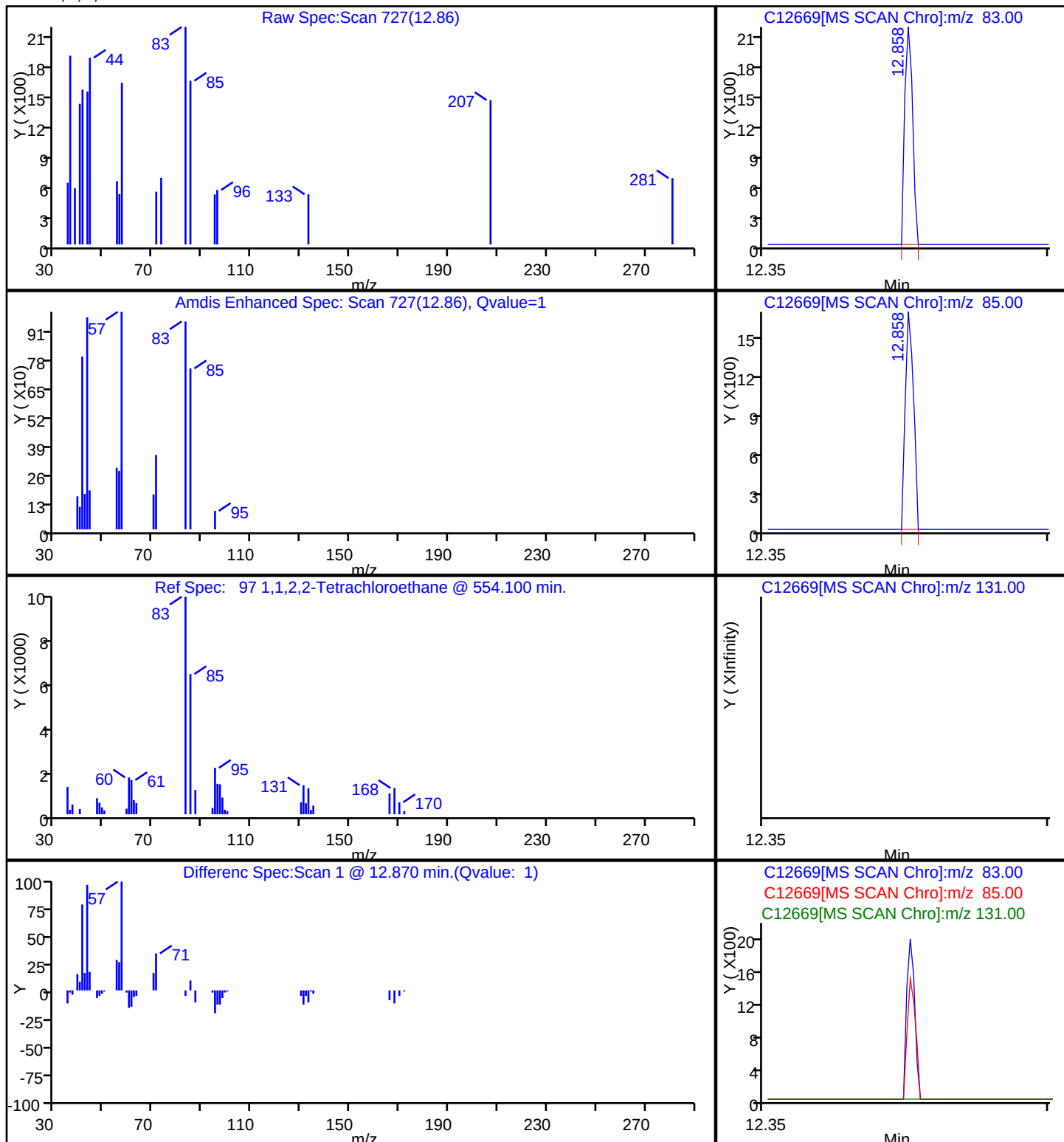
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

97 1,1,2,2-Tetrachloroethane



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

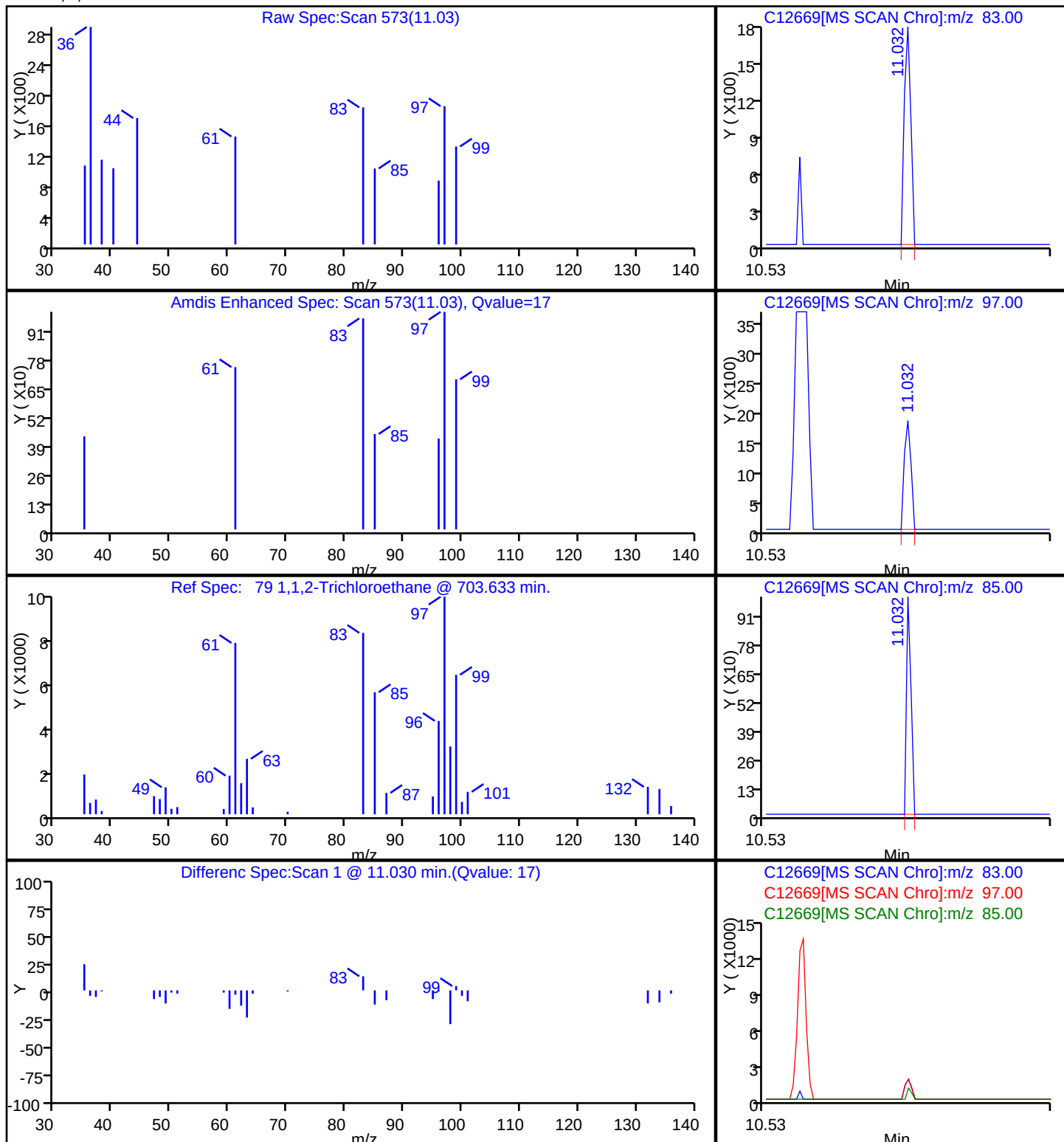
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

79 1,1,2-Trichloroethane



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

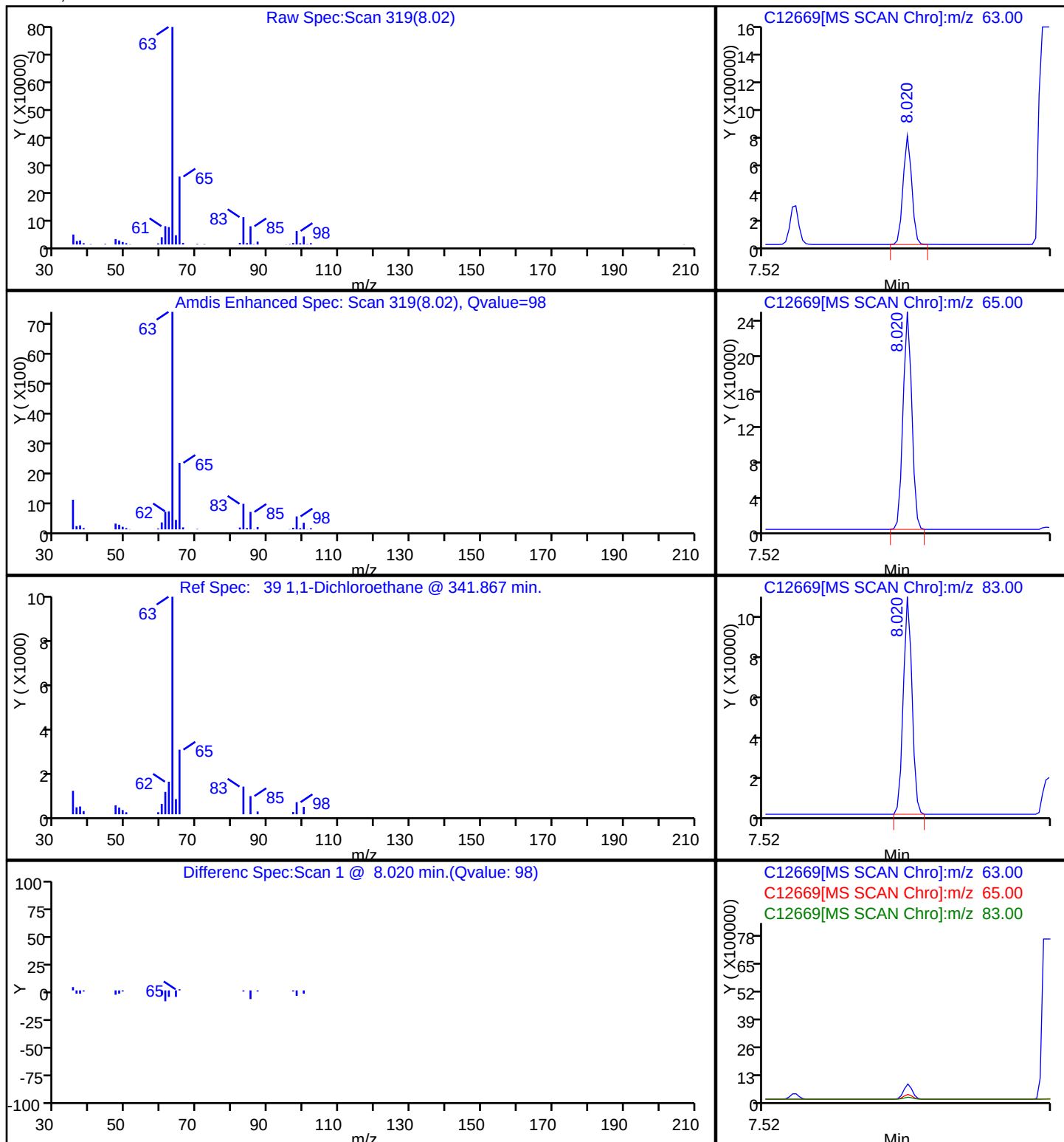
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

39 1,1-Dichloroethane



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

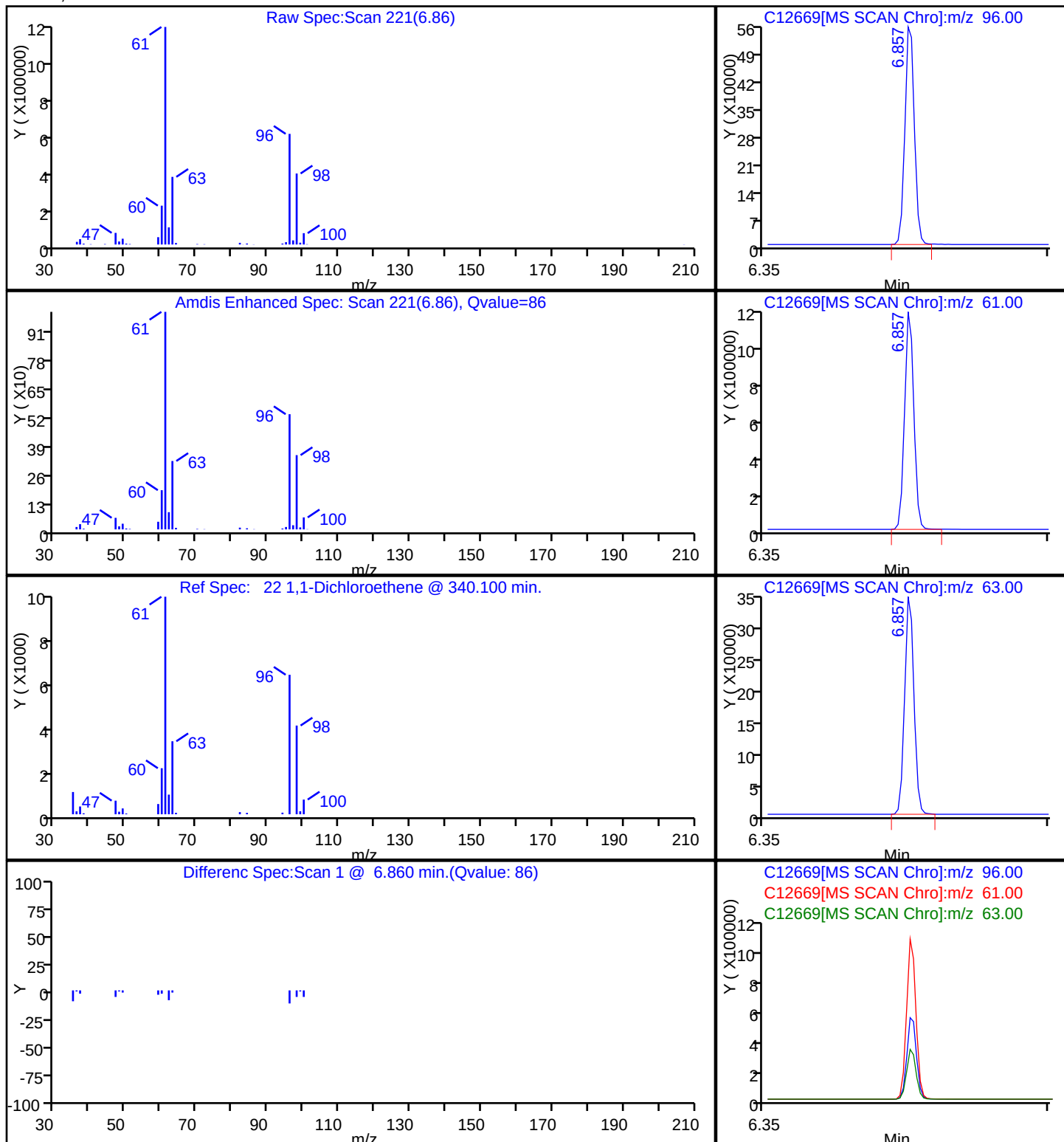
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

22 1,1-Dichloroethene



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

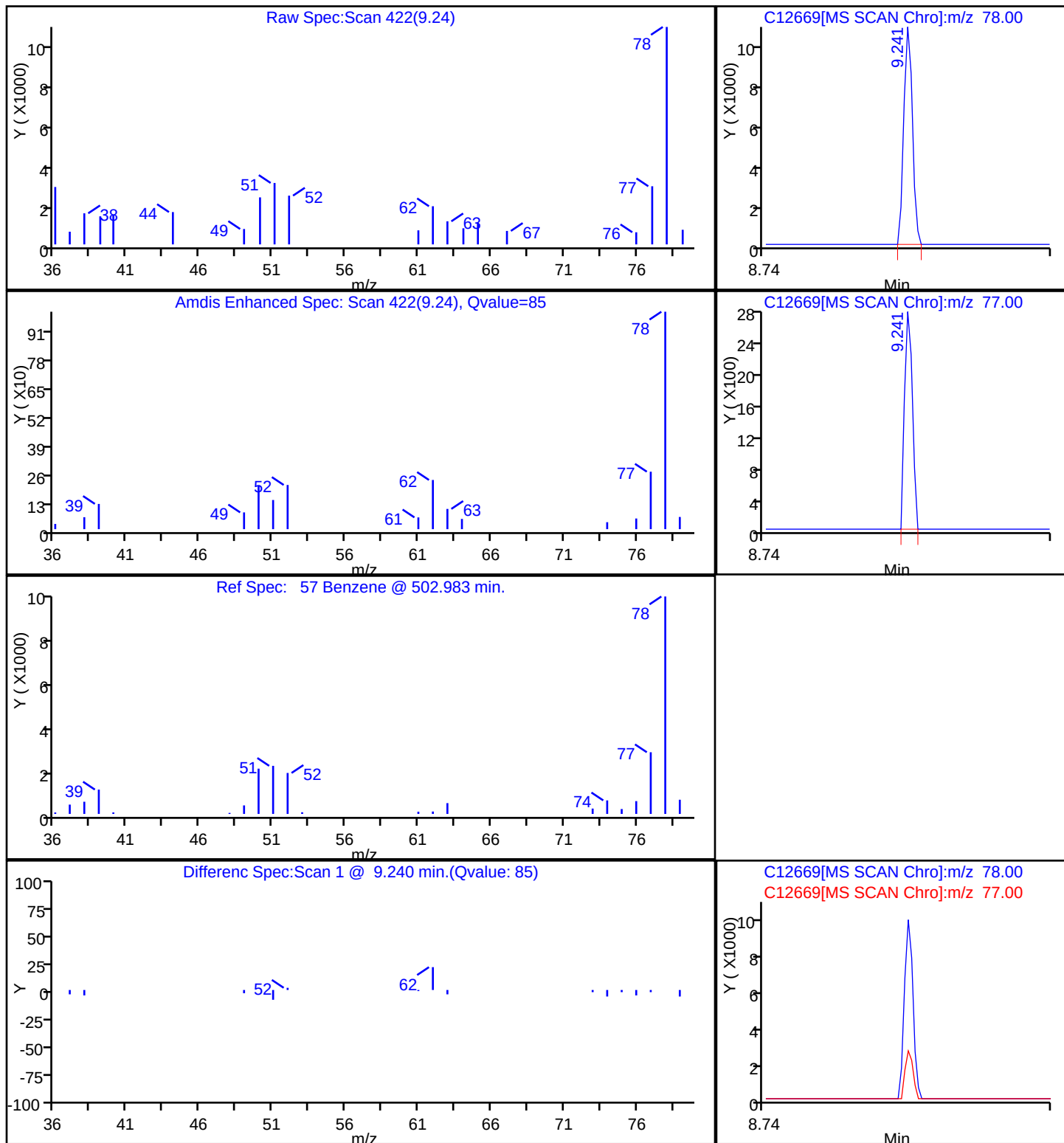
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

57 Benzene



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

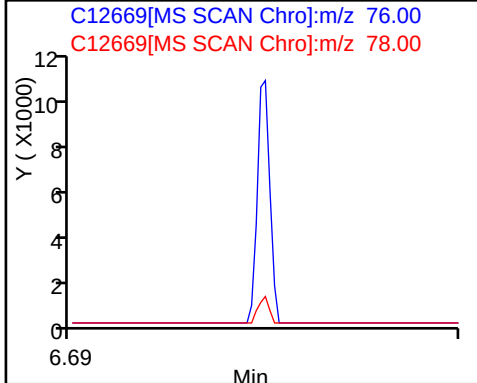
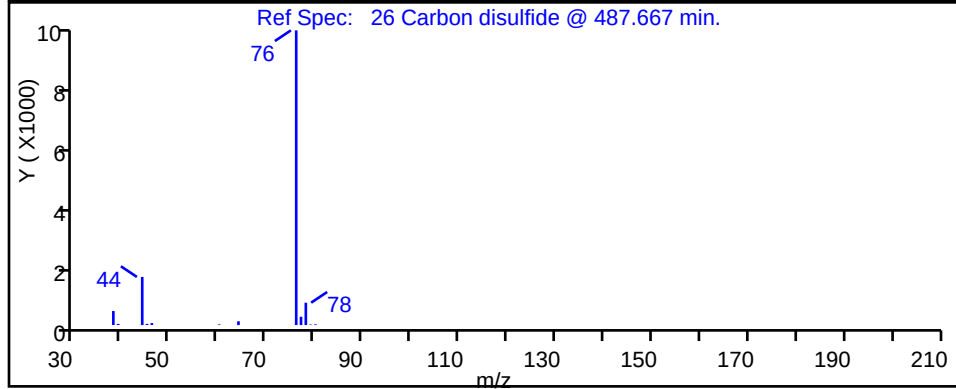
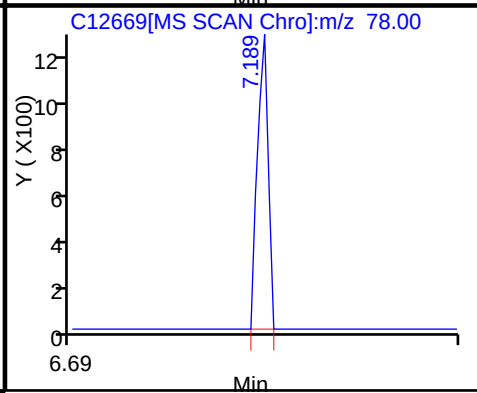
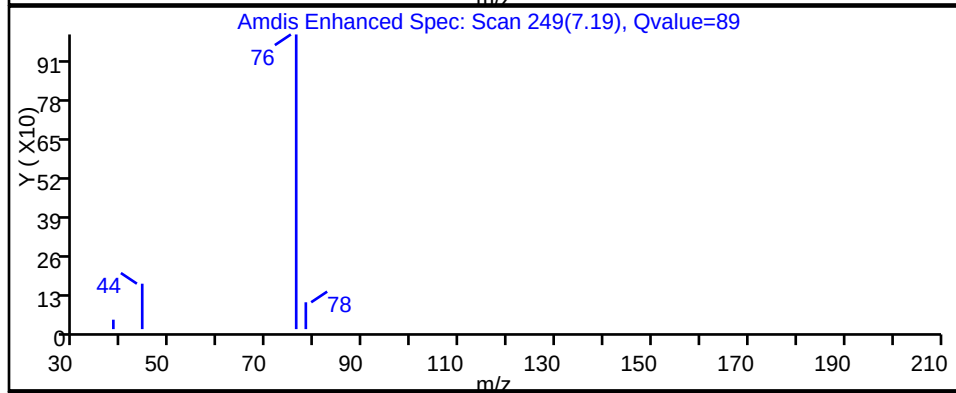
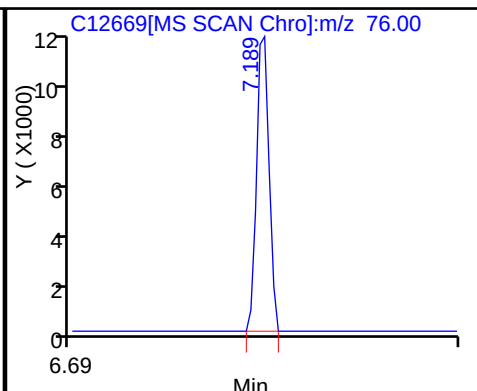
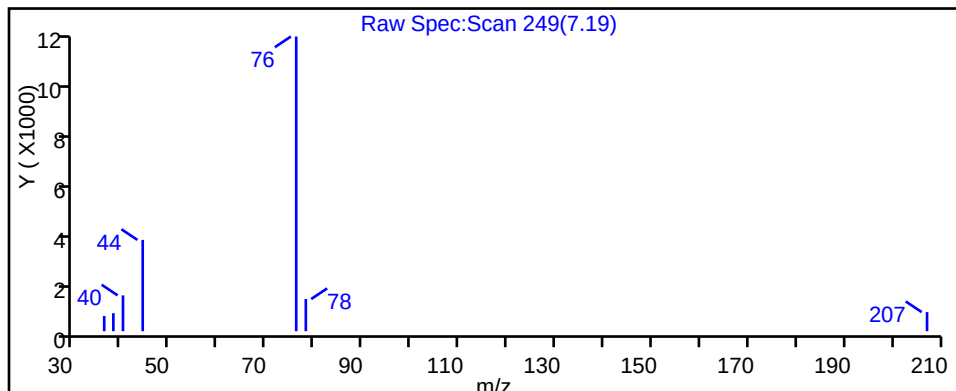
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

26 Carbon disulfide



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

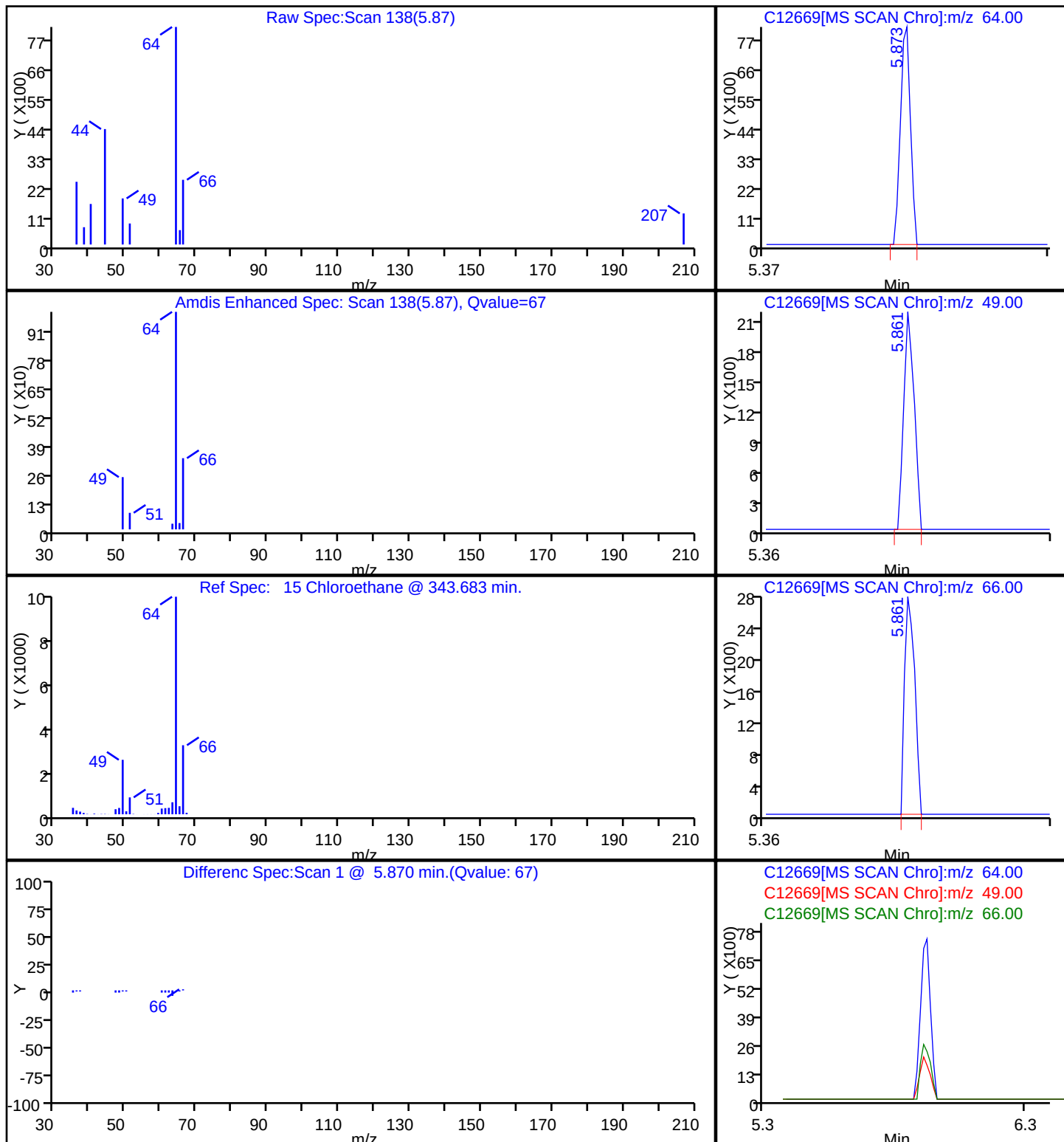
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

15 Chloroethane



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

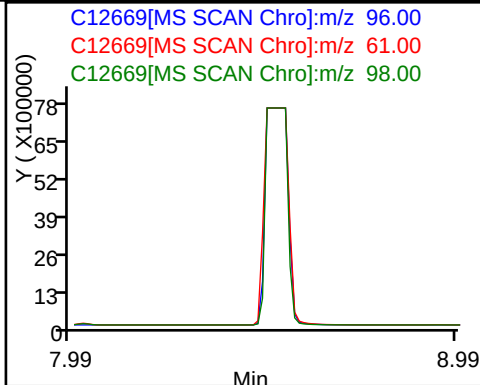
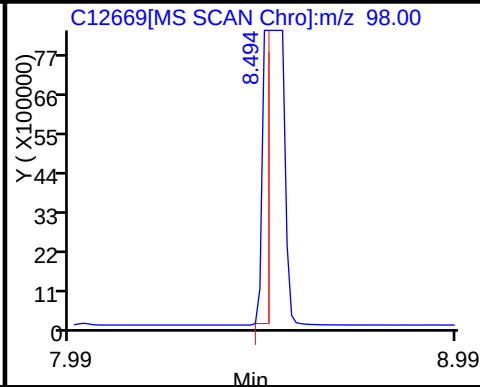
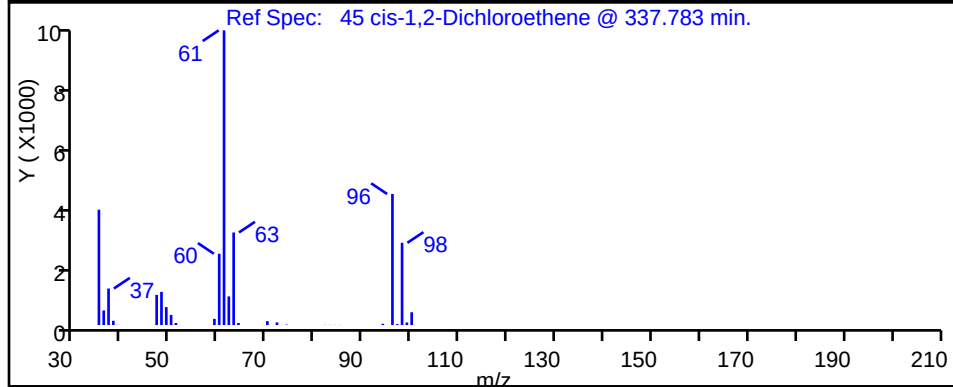
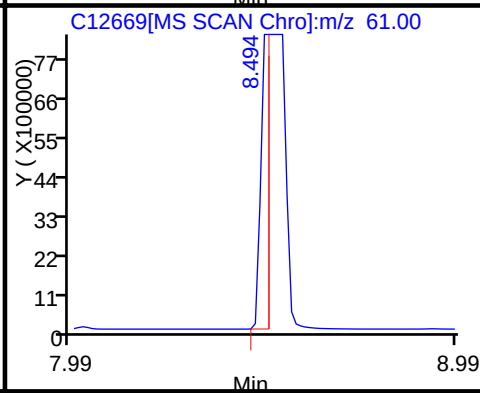
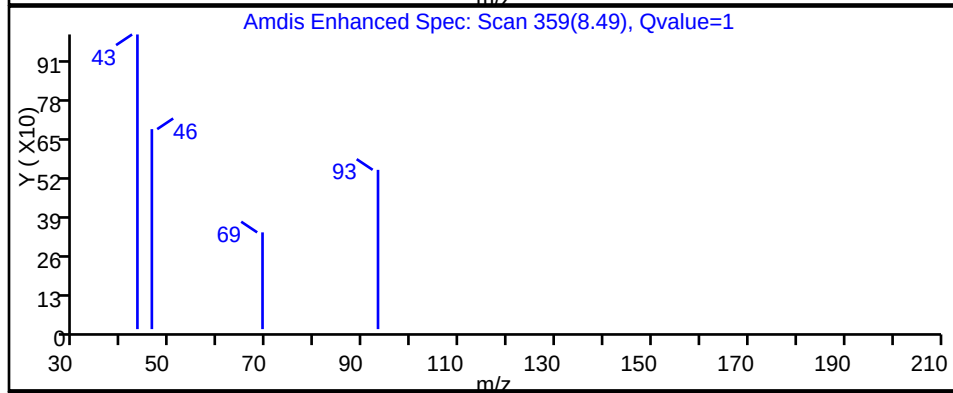
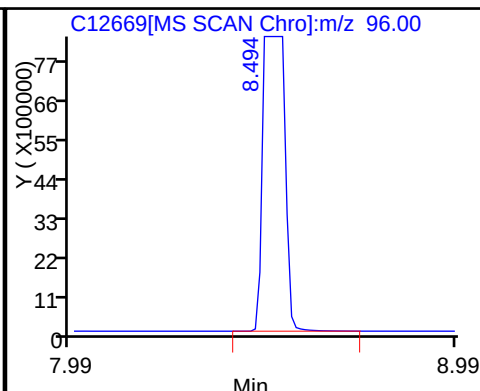
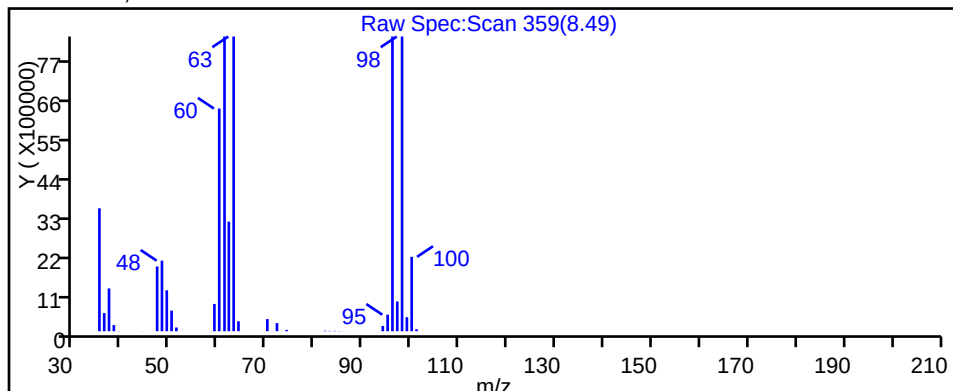
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

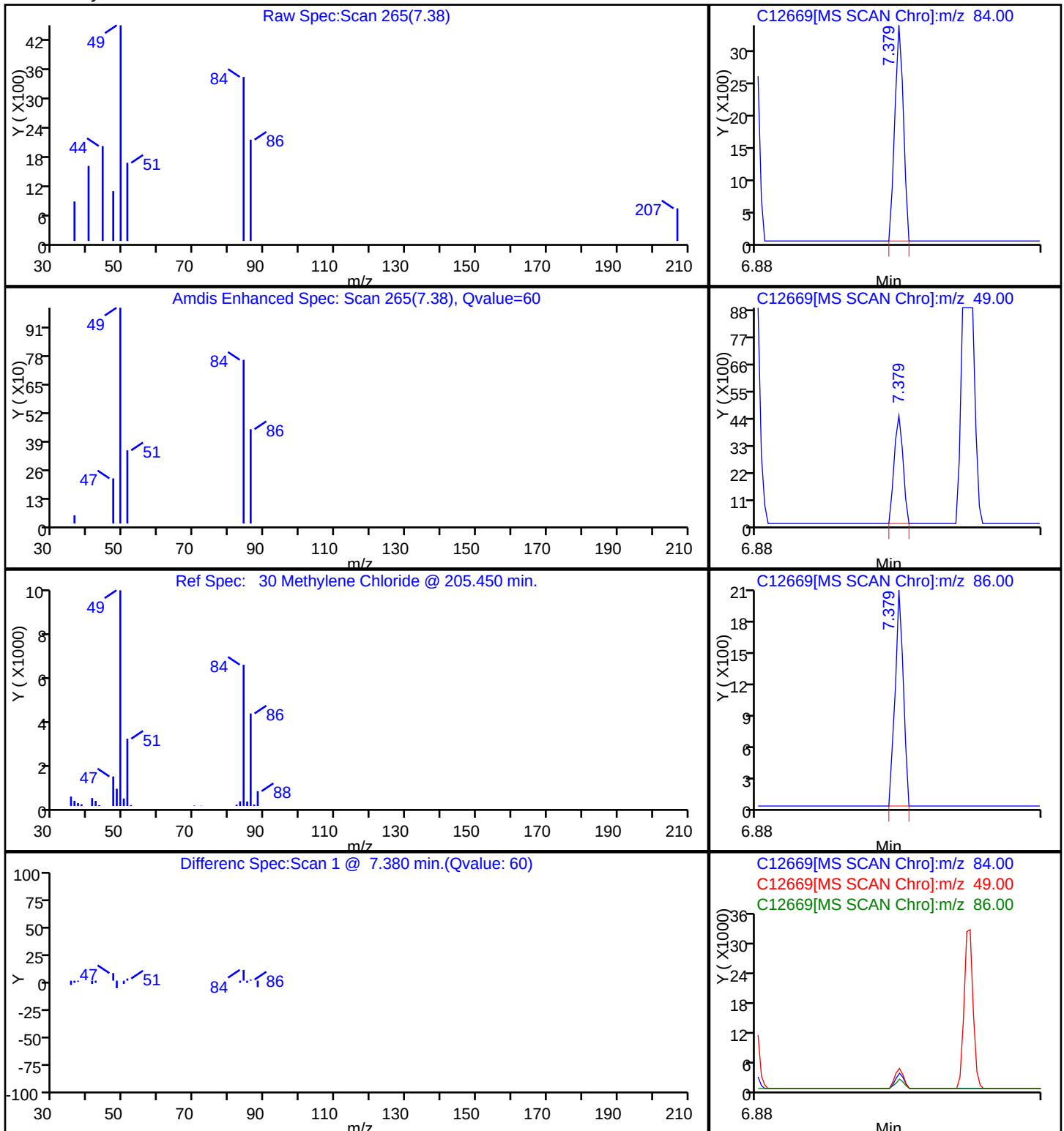
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

30 Methylene Chloride



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

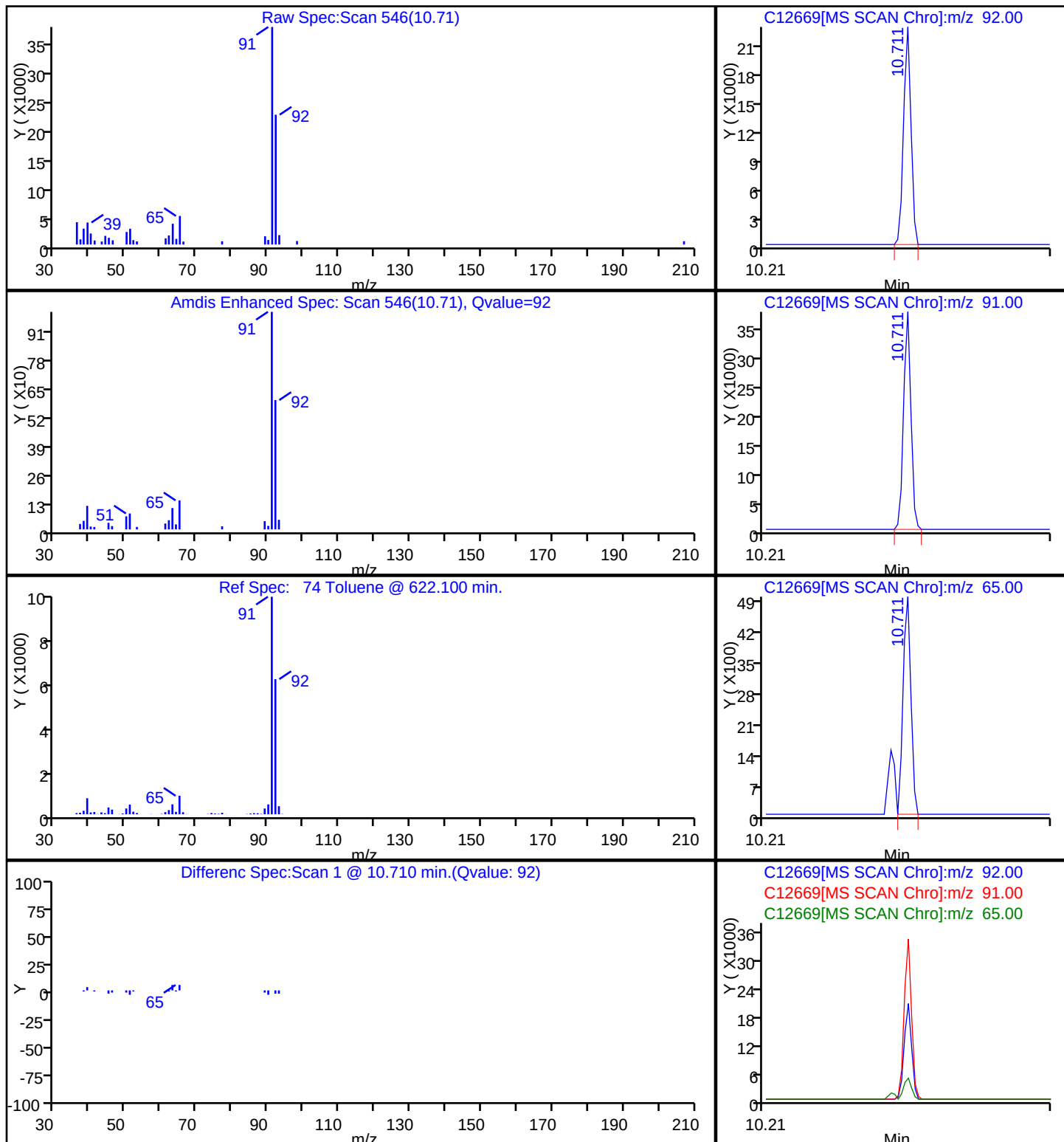
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

74 Toluene



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

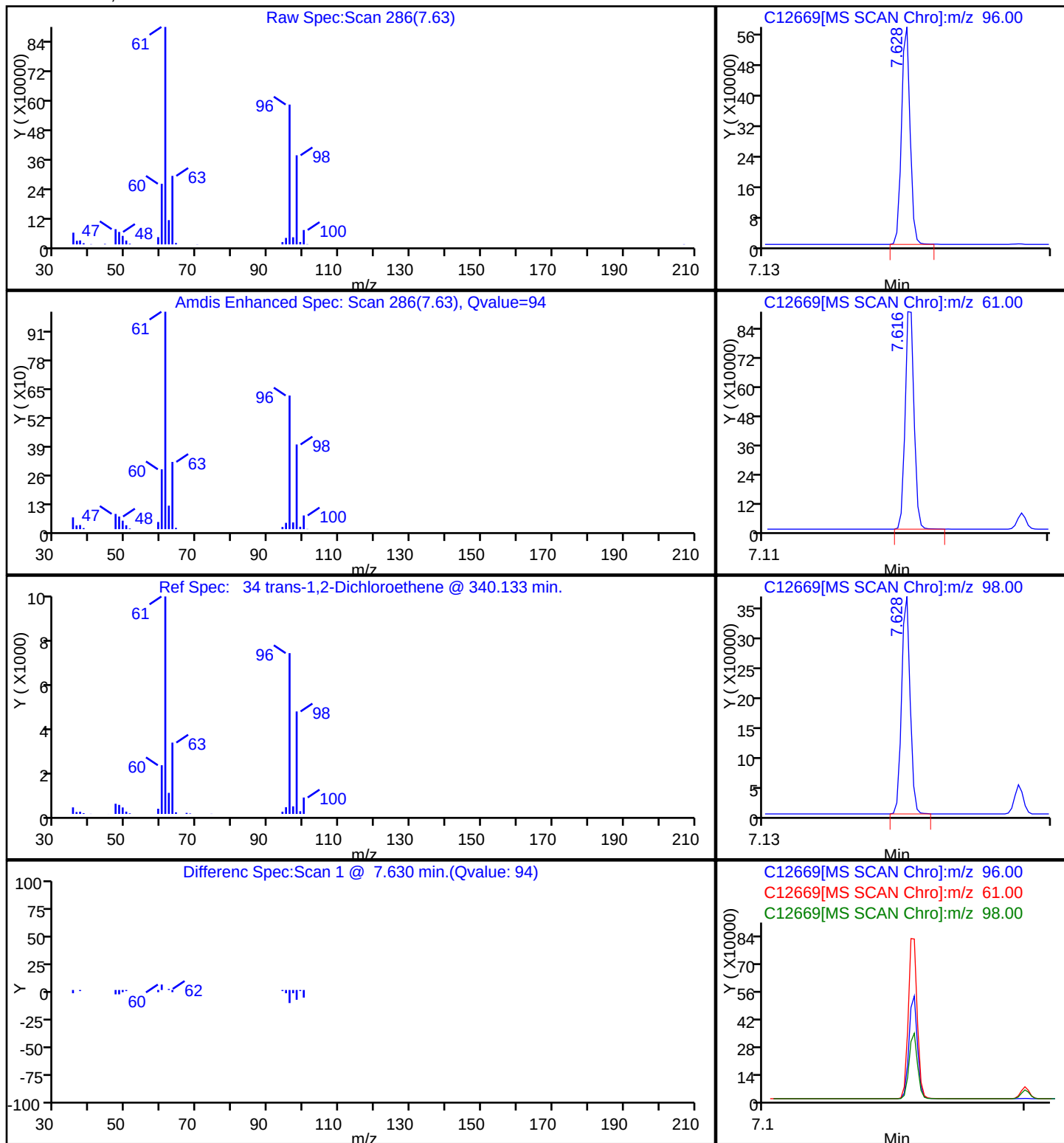
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

34 trans-1,2-Dichloroethene



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

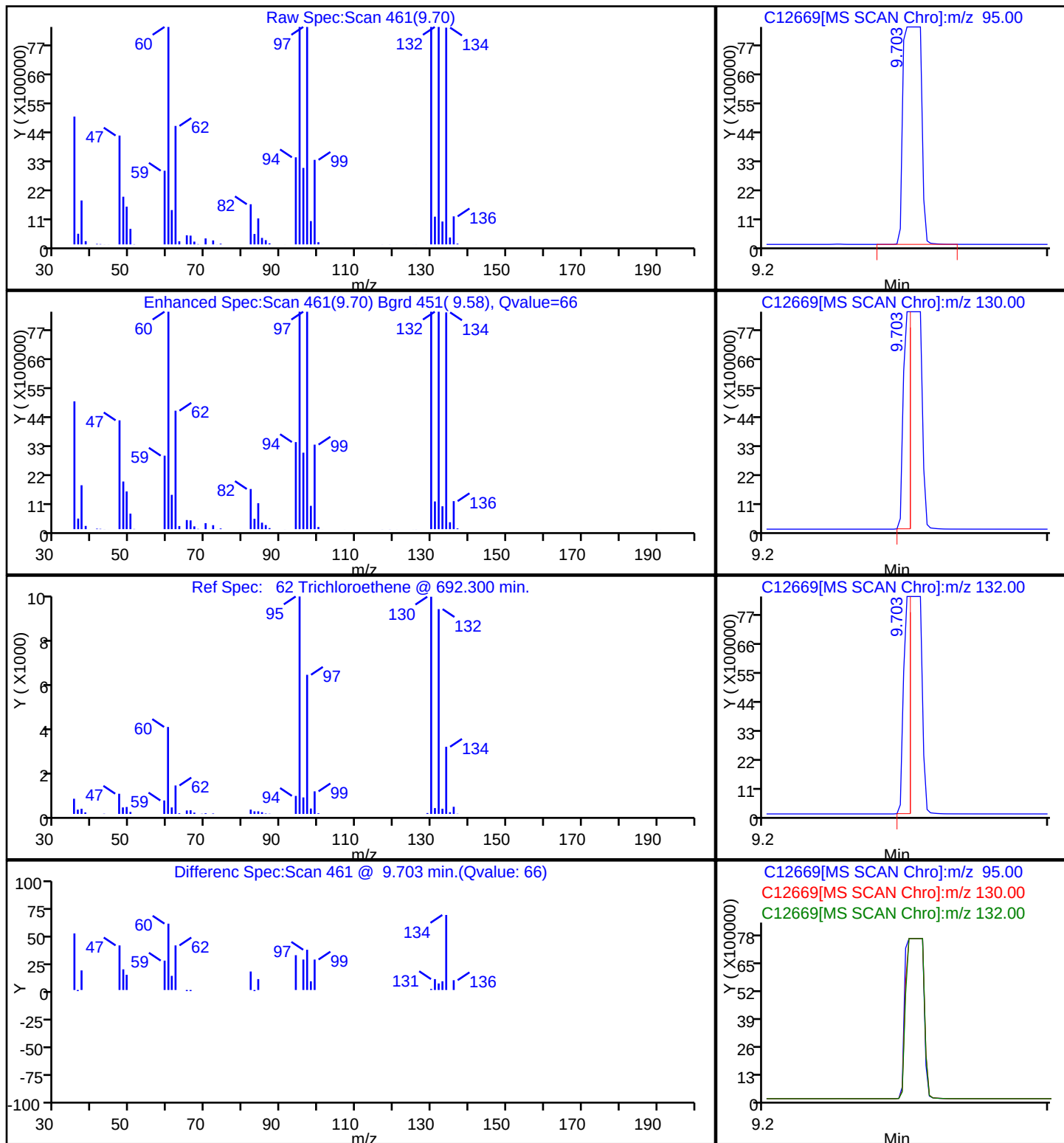
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

62 Trichloroethene



Report Date: 27-Jul-2011 22:42:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D

Injection Date: 27-Jul-2011 19:54:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5973C

Lims Batch ID: 25167

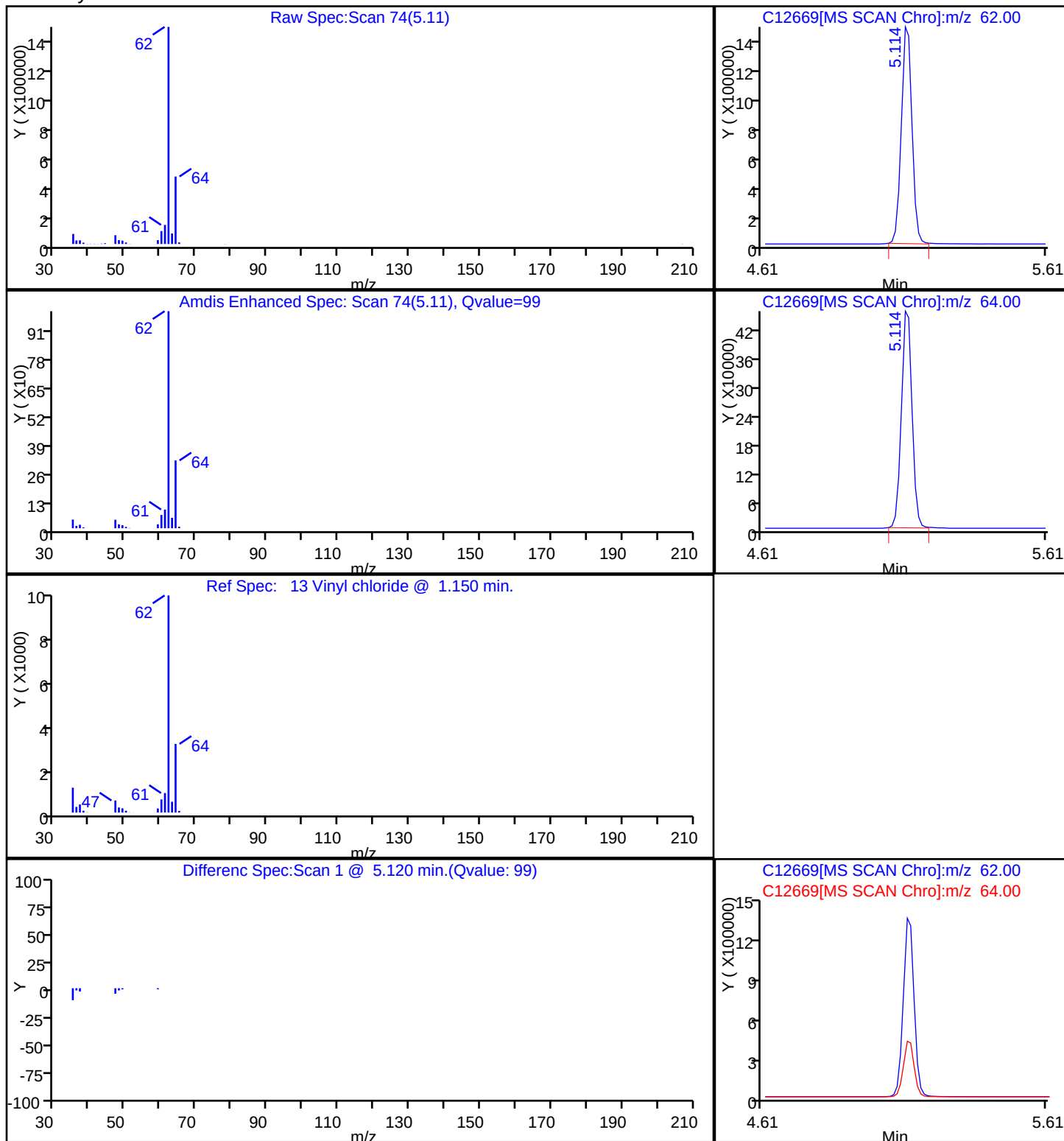
Lims Sample ID: 23

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

13 Vinyl chloride

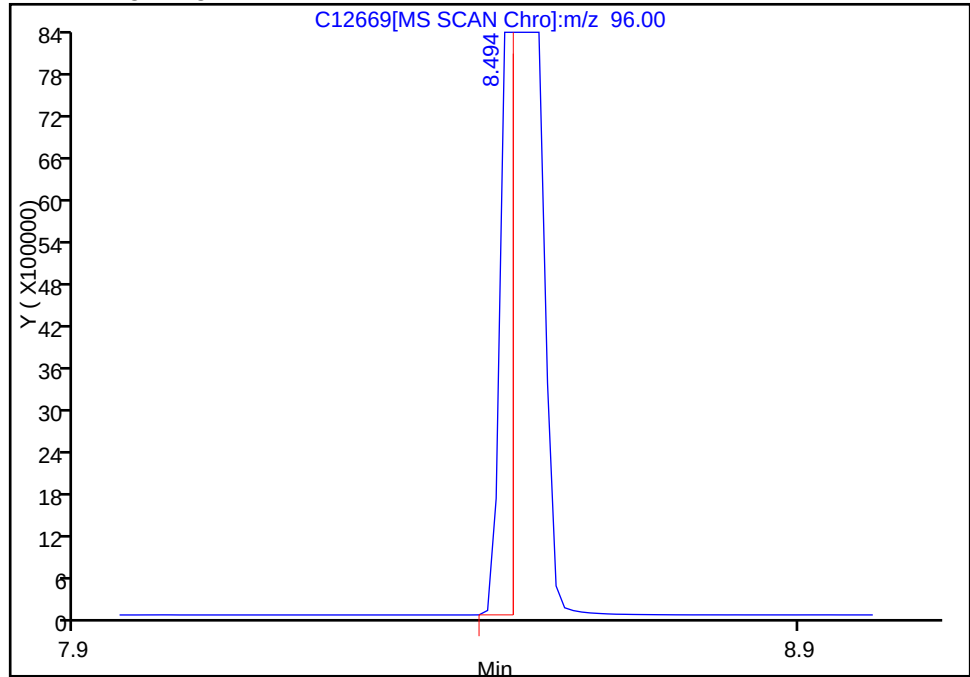


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Injection Date: 27-Jul-2011 19:54:30 Limit Group: MV - 8260B ICAL
Client ID: Duplicate Instrument ID: HP5973C
Lims Batch ID: 25167 Lims Sample ID: 23
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene, Signal: 1, m/z: 96.0 Type: quant, RT: 8.52

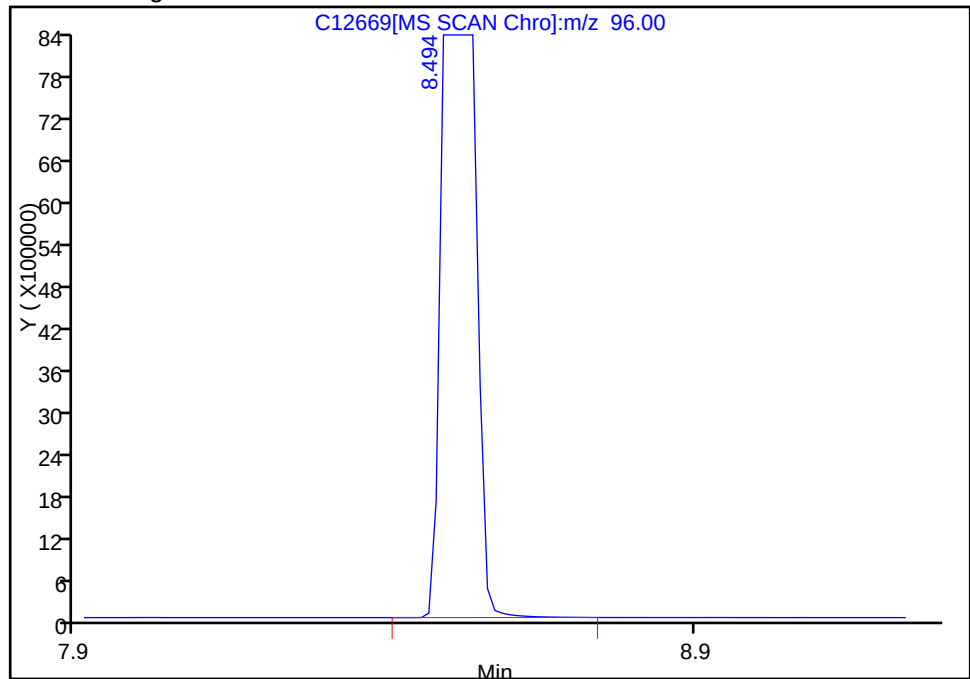
RT: 8.49
Response: 13176918
Amount: 1385.1794

Processing Integration Results



RT: 8.49
Response: 33967574
Amount: 3570.7276

Manual Integration Results



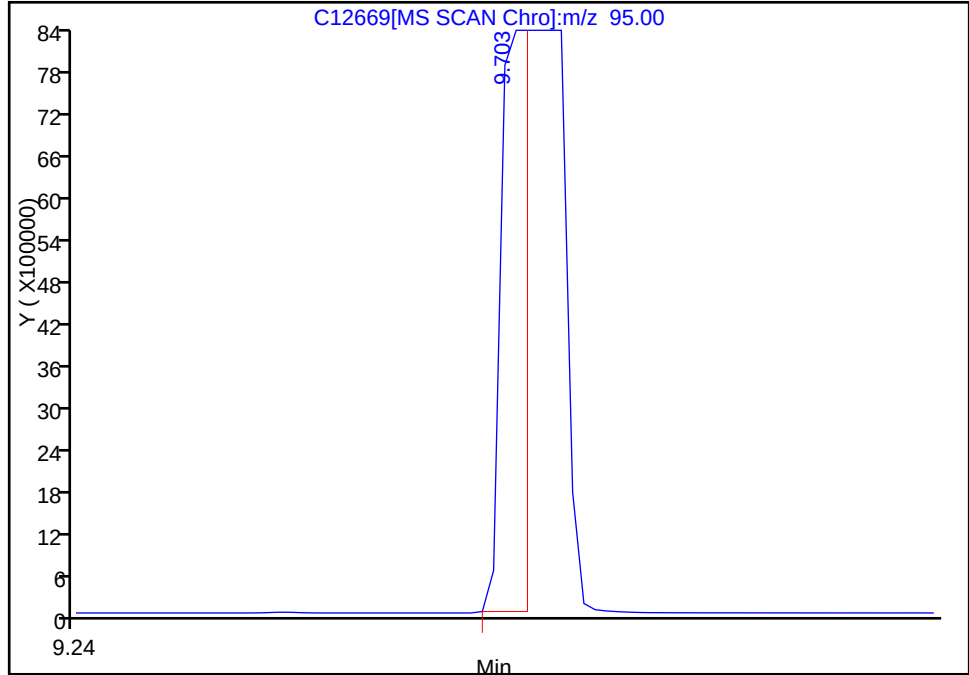
Reviewer: cwiklinc, 27-Jul-2011 22:42:41
Audit Action: Manually Integrated
Audit Reason: Split Peak

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12669.D
Injection Date: 27-Jul-2011 19:54:30 Limit Group: MV - 8260B ICAL
Client ID: Duplicate Instrument ID: HP5973C
Lims Batch ID: 25167 Lims Sample ID: 23
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

62 Trichloroethene, Signal: 1, m/z: 95.0 Type: quant, RT: 9.72

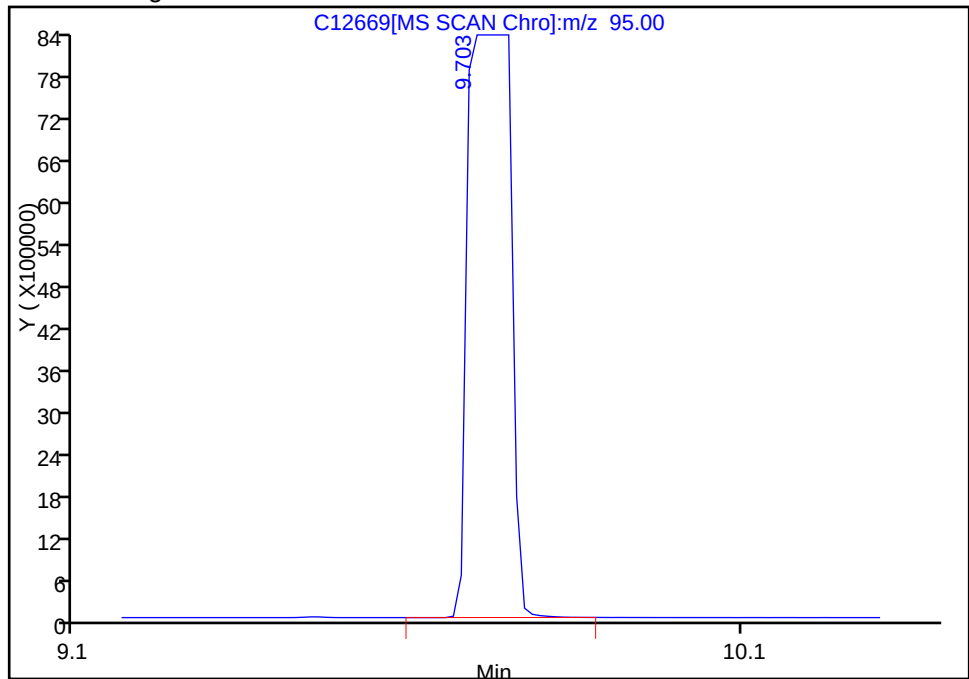
RT: 9.70
Response: 17922628
Amount: 2002.1534

Processing Integration Results



RT: 9.70
Response: 37307214
Amount: 4167.6235

Manual Integration Results



Reviewer: cwiklinc, 27-Jul-2011 22:42:41
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Client Sample ID: Duplicate DL Lab Sample ID: 480-7718-9 DL

Matrix: Water Lab File ID: T9993.D

Analysis Method: 8260B Date Collected: 07/26/2011 16:00

Sample wt/vol: 5(mL) Date Analyzed: 08/02/2011 16:20

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.: 25890 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: Duplicate DL Lab Sample ID: 480-7718-9 DL
 Matrix: Water Lab File ID: T9993.D
 Analysis Method: 8260B Date Collected: 07/26/2011 16:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/02/2011 16:20
 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.: 25890 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		800	400
1634-04-4	Methyl tert-butyl ether	ND		800	130
108-87-2	Methylcyclohexane	ND		800	130
75-09-2	Methylene Chloride	ND		800	350
100-42-5	Styrene	ND		800	580
127-18-4	Tetrachloroethene	ND		800	290
108-88-3	Toluene	ND		800	410
156-60-5	trans-1,2-Dichloroethene	ND		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	29000		800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	ND		800	720
1330-20-7	Xylenes, Total	ND		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		66-137
2037-26-5	Toluene-d8 (Surr)	102		71-126
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9993.D
 Lims ID: 480-7718-B-9 Client ID: Duplicate
 Inject. Date: 02-Aug-2011 16:20:30 Dil. Factor: 800.0000
 Sample Type: Client
 Sample ID: 480-7718-B-9
 Misc. Info.: 480-0005007-009
 Operator: LH Instrument ID: HP5975T
 Vol. Injected: 1.0000 ALS Bottle#: 44
 Lims Batch ID: 25890 Lims Sample ID: 9
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T-8260.m
 Last Update: 03-Aug-2011 08:09:33 Calib Date: 21-Jul-2011 18:26:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HillL

Date: 03-Aug-2011 11:09:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.582	4.582	0.0	95	587591	25.0	
* 2 Chlorobenzene-d5	117	6.790	6.779	0.011	85	511584	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.645	8.645	0.0	95	273246	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.271	4.261	0.010	0	239493	26.0	
\$ 6 Toluene-d8 (Surr)	98	5.671	5.670	0.0	94	650009	25.5	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.722	7.722	0.0	89	189373	24.9	
11 Dichlorodifluoromethane	85		0.966					
13 Chloromethane	50		1.090					
14 Vinyl chloride	62		1.163					
15 Bromomethane	94		1.401					
16 Chloroethane	64		1.484					
17 Trichlorofluoromethane	101		1.671					
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.106					
22 1,1-Dichloroethene	96		2.106					
23 Acetone	43		2.240					
25 Carbon disulfide	76		2.272					
28 Methyl acetate	43		2.510					
30 Methylene Chloride	84		2.572					
33 Methyl tert-butyl ether	73		2.779					
32 trans-1,2-Dichloroethene	96		2.779					
36 1,1-Dichloroethane	63		3.152					
43 cis-1,2-Dichloroethene	96	3.619	3.619	0.0	72	190881	23.3	
44 2-Butanone (MEK)	43		3.681					
50 Chloroform	83		3.888					
51 1,1,1-Trichloroethane	97		3.971					
52 Cyclohexane	56		3.971					
53 Carbon tetrachloride	117		4.085					
55 Benzene	78		4.261					
57 1,2-Dichloroethane	62		4.323					
60 Trichloroethene	95	4.748	4.748	0.0	92	285305	36.4	
62 Methylcyclohexane	83		4.842					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		4.945					
67 Dichlorobromomethane	83		5.173					
71 cis-1,3-Dichloropropene	75		5.494					
72 4-Methyl-2-pentanone (MIBK)	43		5.629					
73 Toluene	92		5.712					
75 trans-1,3-Dichloropropene	75		5.930					
78 1,1,2-Trichloroethane	83		6.075					
79 Tetrachloroethene	166		6.116					
81 2-Hexanone	43		6.261					
82 Chlorodibromomethane	129		6.375					
83 Ethylene Dibromide	107		6.448					
86 Chlorobenzene	112		6.811					
88 Ethylbenzene	91		6.873					
90 m-Xylene & p-Xylene	106		6.966					
91 o-Xylene	106		7.287					
92 Styrene	104		7.308					
93 Bromoform	173		7.484					
95 Isopropylbenzene	105		7.567					
98 1,1,2,2-Tetrachloroethane	83		7.878					
110 1,3-Dichlorobenzene	146		8.583					
113 1,4-Dichlorobenzene	146		8.666					
116 1,2-Dichlorobenzene	146		8.966					
117 1,2-Dibromo-3-Chloropropane	75		9.640					
119 1,2,4-Trichlorobenzene	180		10.282					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 03-Aug-2011 11:09:29

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9993.D

Injection Date: 02-Aug-2011 16:20:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5975T

Lims Batch ID: 25890

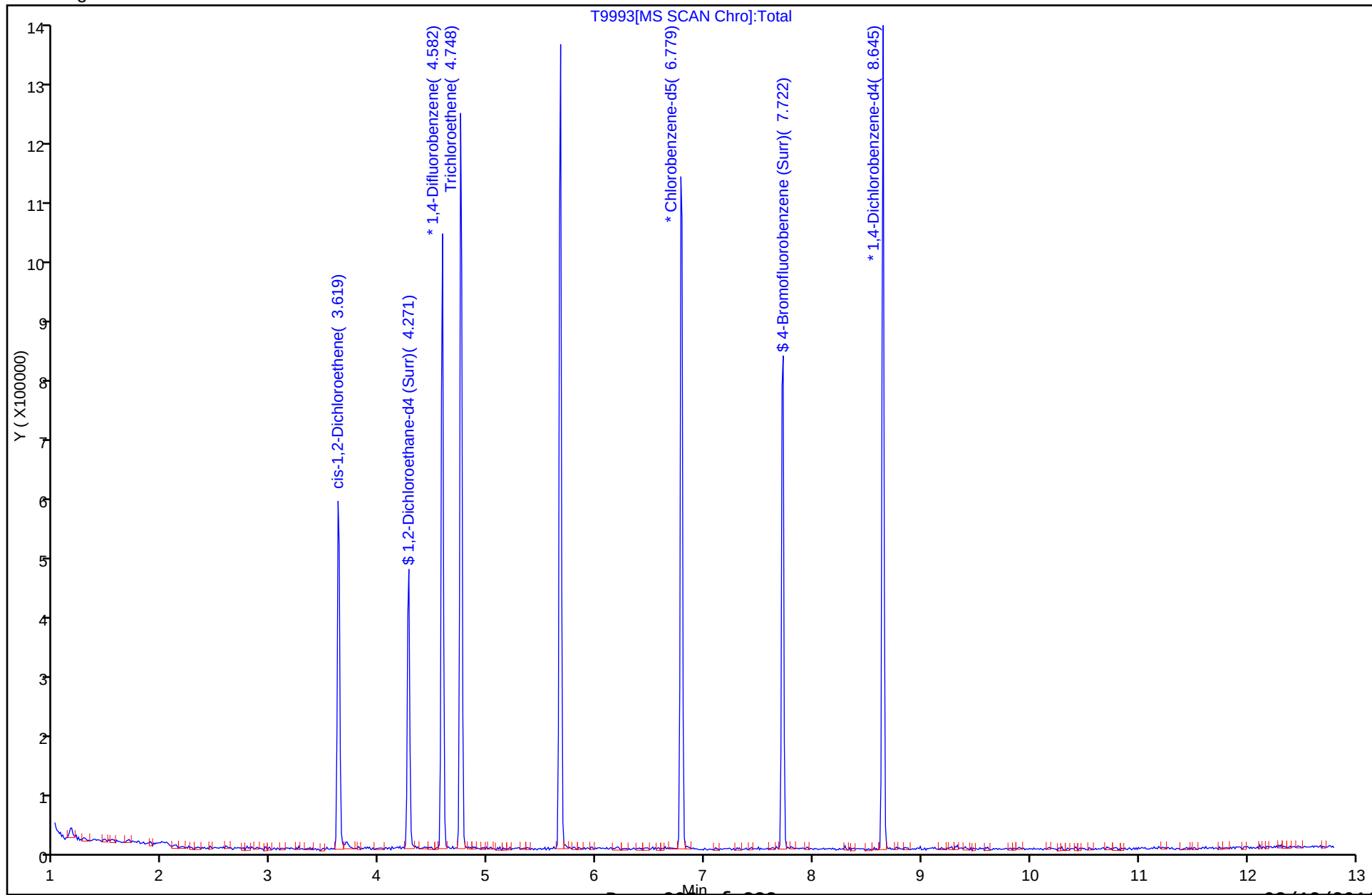
Lims Sample ID: 9

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



Report Date: 03-Aug-2011 11:09:29

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9993.D

Injection Date: 02-Aug-2011 16:20:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5975T

Lims Batch ID: 25890

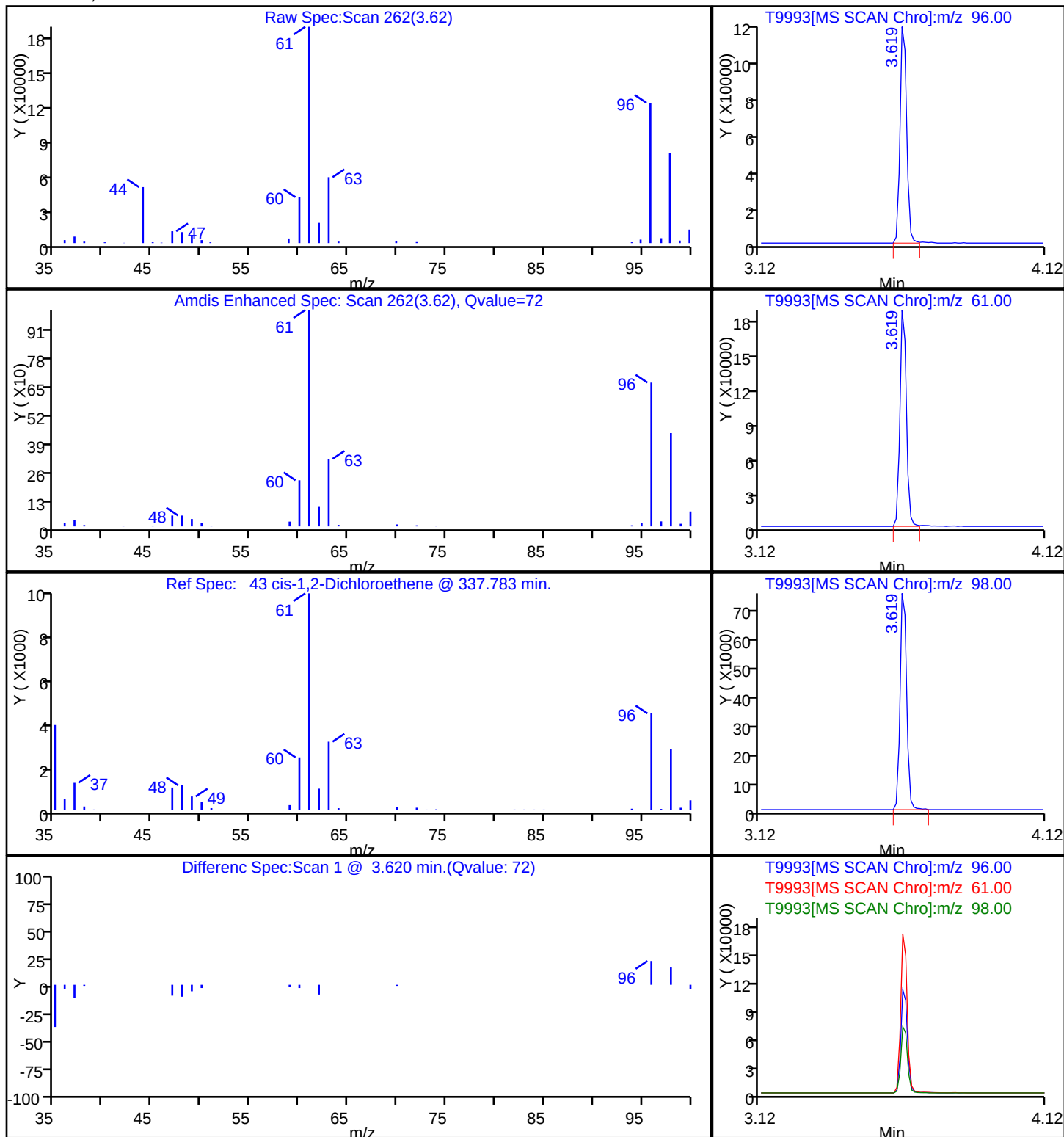
Lims Sample ID: 9

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

43 cis-1,2-Dichloroethene



Report Date: 03-Aug-2011 11:09:29

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9993.D

Injection Date: 02-Aug-2011 16:20:30

Limit Group: MV - 8260B ICAL

Client ID: Duplicate

Instrument ID: HP5975T

Lims Batch ID: 25890

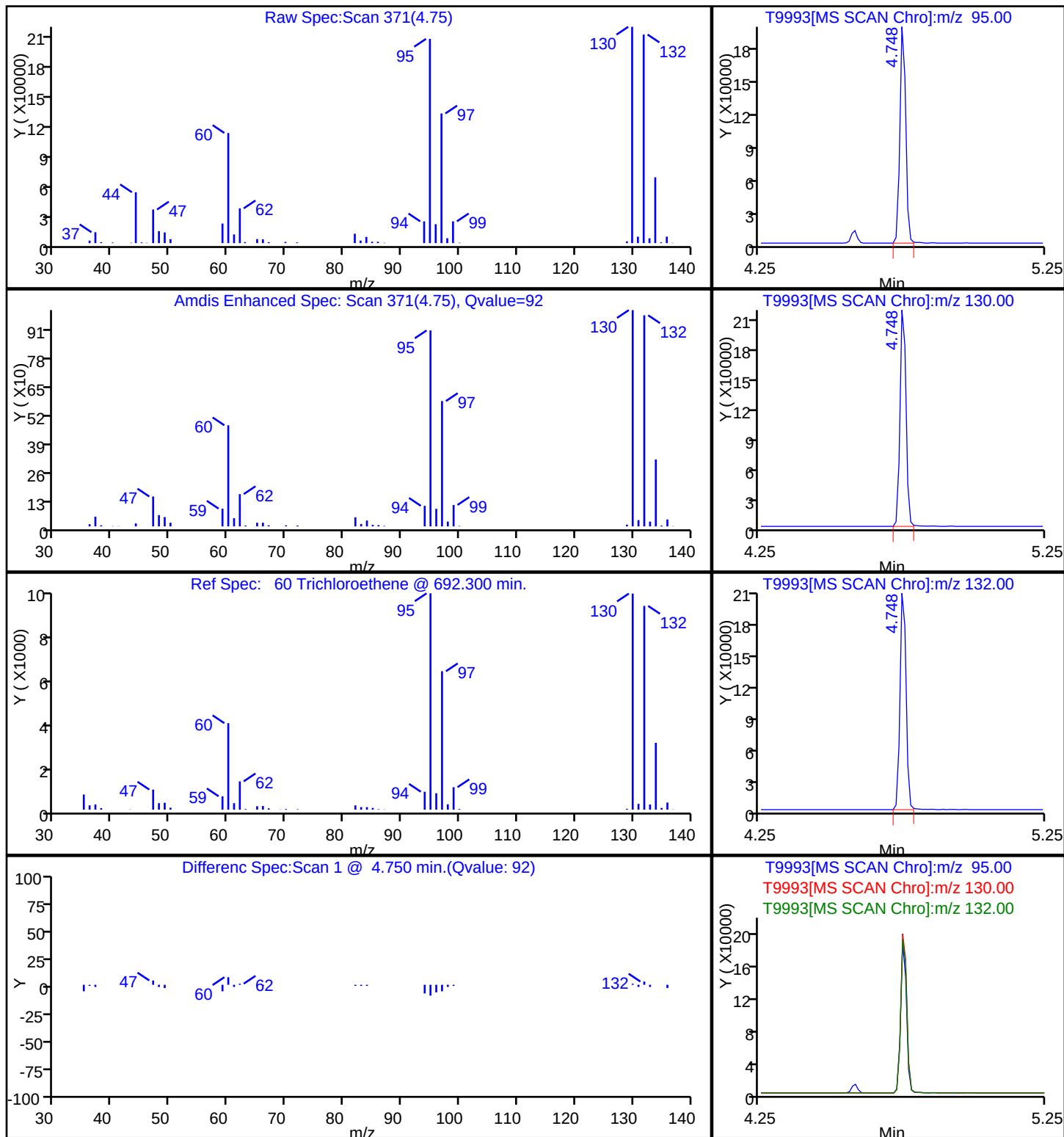
Lims Sample ID: 9

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Client Sample ID: Rinse Lab Sample ID: 480-7718-10

Matrix: Water Lab File ID: N9545.D

Analysis Method: 8260B Date Collected: 07/25/2011 16:40

Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 20:40

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.: 25432 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: Rinse Lab Sample ID: 480-7718-10
 Matrix: Water Lab File ID: N9545.D
 Analysis Method: 8260B Date Collected: 07/25/2011 16:40
 Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 20:40
 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.: 25432 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)	131		66-137
2037-26-5	Toluene-d8 (Surr)	114		71-126
460-00-4	4-Bromofluorobenzene (Surr)	114		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9545.D
 Lims ID: 480-7718-B-10 Client ID: Rinse
 Inject. Date: 28-Jul-2011 20:40:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-7718-B-10
 Misc. Info.: 480-0004925-012
 Operator: DHC Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 9
 Lims Batch ID: 25432 Lims Sample ID: 12
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N-8260.m
 Last Update: 28-Jul-2011 19:12:08 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 29-Jul-2011 06:52:07

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	91	545554	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	85	475505	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	96	247635	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	226267	32.8	
\$ 6 Toluene-d8 (Surr)	98	5.966	5.966	0.0	83	613434	28.6	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	85	189855	28.4	
11 Dichlorodifluoromethane	85		1.008					
13 Chloromethane	50		1.087					
14 Vinyl chloride	62		1.166					
15 Bromomethane	94		1.361					
16 Chloroethane	64		1.416					
18 Trichlorofluoromethane	101		1.623					
22 1,1-Dichloroethene	96		1.994					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.994					
23 Acetone	43		2.061					
25 Carbon disulfide	76		2.170					
28 Methyl acetate	43		2.316					
30 Methylene Chloride	84		2.419					
33 trans-1,2-Dichloroethene	96		2.608					
32 Methyl tert-butyl ether	73		2.608					
36 1,1-Dichloroethane	63		2.979					
43 cis-1,2-Dichloroethene	96		3.496					
44 2-Butanone (MEK)	43		3.539					
50 Chloroform	83		3.800					
51 1,1,1-Trichloroethane	97		3.904					
52 Cyclohexane	56		3.922					
53 Carbon tetrachloride	117		4.032					
55 Benzene	78		4.232					
57 1,2-Dichloroethane	62		4.293					
60 Trichloroethene	95		4.829					
62 Methylcyclohexane	83		4.950					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.054					
67 Dichlorobromomethane	83		5.346					
71 cis-1,3-Dichloropropene	75		5.753					
72 4-Methyl-2-pentanone (MIBK)	43		5.911					
73 Toluene	92		6.033					
75 trans-1,3-Dichloropropene	75		6.319					
78 1,1,2-Trichloroethane	83		6.495					
79 Tetrachloroethene	166		6.550					
82 2-Hexanone	43		6.745					
83 Chlorodibromomethane	129		6.873					
84 Ethylene Dibromide	107		6.958					
85 Chlorobenzene	112		7.444					
88 Ethylbenzene	91		7.548					
90 m-Xylene & p-Xylene	106		7.676					
91 o-Xylene	106		8.083					
92 Styrene	104		8.114					
93 Bromoform	173		8.339					
95 Isopropylbenzene	105		8.479					
98 1,1,2,2-Tetrachloroethane	83		8.892					
110 1,3-Dichlorobenzene	146		9.805					
113 1,4-Dichlorobenzene	146		9.902					
116 1,2-Dichlorobenzene	146		10.267					
117 1,2-Dibromo-3-Chloropropane	75		11.028					
119 1,2,4-Trichlorobenzene	180		11.727					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 29-Jul-2011 06:52:07

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9545.D

Injection Date: 28-Jul-2011 20:40:30

Limit Group: MV - 8260B ICAL

Client ID: Rinse

Instrument ID: HP5973N

Lims Batch ID: 25432

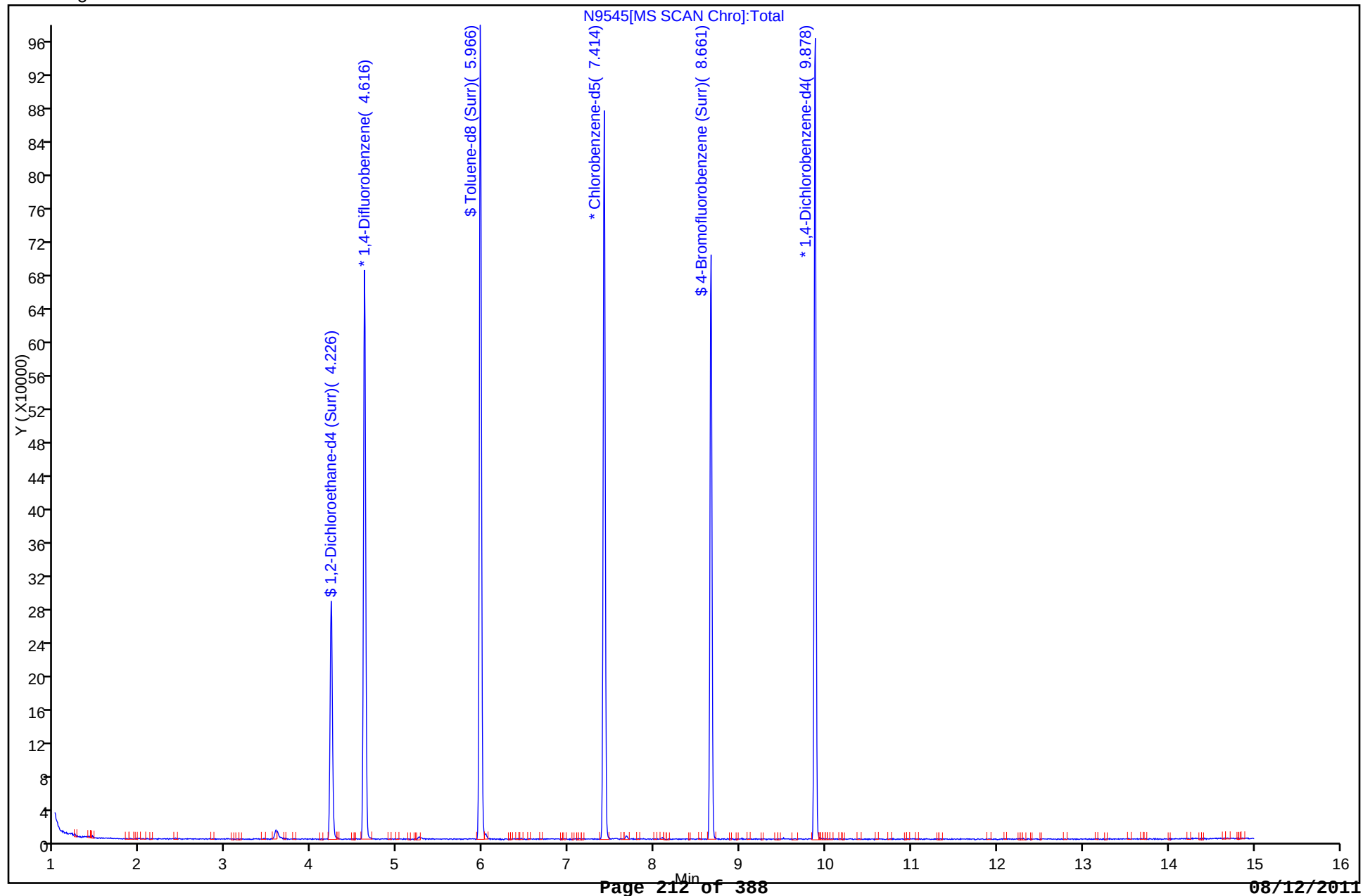
Lims Sample ID: 12

Operator ID: DHC

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.: 480-7718-1

SDG No.: _____

Client Sample ID: Trip Lab Sample ID: 480-7718-11

Matrix: Water Lab File ID: N9546.D

Analysis Method: 8260B Date Collected: 07/25/2011 00:00

Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 21:03

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.: 25432 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: Trip Lab Sample ID: 480-7718-11
 Matrix: Water Lab File ID: N9546.D
 Analysis Method: 8260B Date Collected: 07/25/2011 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 21:03
 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.: 25432 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	1.4		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)	132		66-137
2037-26-5	Toluene-d8 (Surr)	112		71-126
460-00-4	4-Bromofluorobenzene (Surr)	112		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9546.D
 Lims ID: 480-7718-A-11 Client ID: Trip
 Inject. Date: 28-Jul-2011 21:03:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-7718-A-11
 Misc. Info.: 480-0004925-013
 Operator: DHC Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 10
 Lims Batch ID: 25432 Lims Sample ID: 13
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N-8260.m
 Last Update: 28-Jul-2011 19:12:08 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 29-Jul-2011 06:52:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	91	551046	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	86	486827	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	96	251028	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	229416	32.9	
\$ 6 Toluene-d8 (Surr)	98	5.966	5.966	0.0	83	616084	28.0	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	86	192545	28.1	
11 Dichlorodifluoromethane	85		1.008					
13 Chloromethane	50		1.087					
14 Vinyl chloride	62		1.166					
15 Bromomethane	94		1.361					
16 Chloroethane	64		1.416					
18 Trichlorofluoromethane	101		1.623					
22 1,1-Dichloroethene	96		1.994					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.994					
23 Acetone	43		2.061					
25 Carbon disulfide	76		2.170					
28 Methyl acetate	43		2.316					
30 Methylene Chloride	84		2.419					
33 trans-1,2-Dichloroethene	96		2.608					
32 Methyl tert-butyl ether	73		2.608					
36 1,1-Dichloroethane	63		2.979					
43 cis-1,2-Dichloroethene	96		3.496					
44 2-Butanone (MEK)	43		3.539					
50 Chloroform	83		3.800					
51 1,1,1-Trichloroethane	97		3.904					
52 Cyclohexane	56		3.922					
53 Carbon tetrachloride	117		4.032					
55 Benzene	78		4.232					
57 1,2-Dichloroethane	62		4.293					
60 Trichloroethene	95	4.829	4.829	0.0	68	8294	1.37	
62 Methylcyclohexane	83		4.950					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.054					
67 Dichlorobromomethane	83		5.346					
71 cis-1,3-Dichloropropene	75		5.753					
72 4-Methyl-2-pentanone (MIBK)	43		5.911					
73 Toluene	92		6.033					
75 trans-1,3-Dichloropropene	75		6.319					
78 1,1,2-Trichloroethane	83		6.495					
79 Tetrachloroethene	166		6.550					
82 2-Hexanone	43		6.745					
83 Chlorodibromomethane	129		6.873					
84 Ethylene Dibromide	107		6.958					
85 Chlorobenzene	112		7.444					
88 Ethylbenzene	91		7.548					
90 m-Xylene & p-Xylene	106		7.676					
91 o-Xylene	106		8.083					
92 Styrene	104		8.114					
93 Bromoform	173		8.339					
95 Isopropylbenzene	105		8.479					
98 1,1,2,2-Tetrachloroethane	83		8.892					
110 1,3-Dichlorobenzene	146		9.805					
113 1,4-Dichlorobenzene	146		9.902					
116 1,2-Dichlorobenzene	146		10.267					
117 1,2-Dibromo-3-Chloropropane	75		11.028					
119 1,2,4-Trichlorobenzene	180		11.727					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 29-Jul-2011 06:52:17

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9546.D

Injection Date: 28-Jul-2011 21:03:30

Limit Group: MV - 8260B ICAL

Client ID: Trip

Instrument ID: HP5973N

Lims Batch ID: 25432

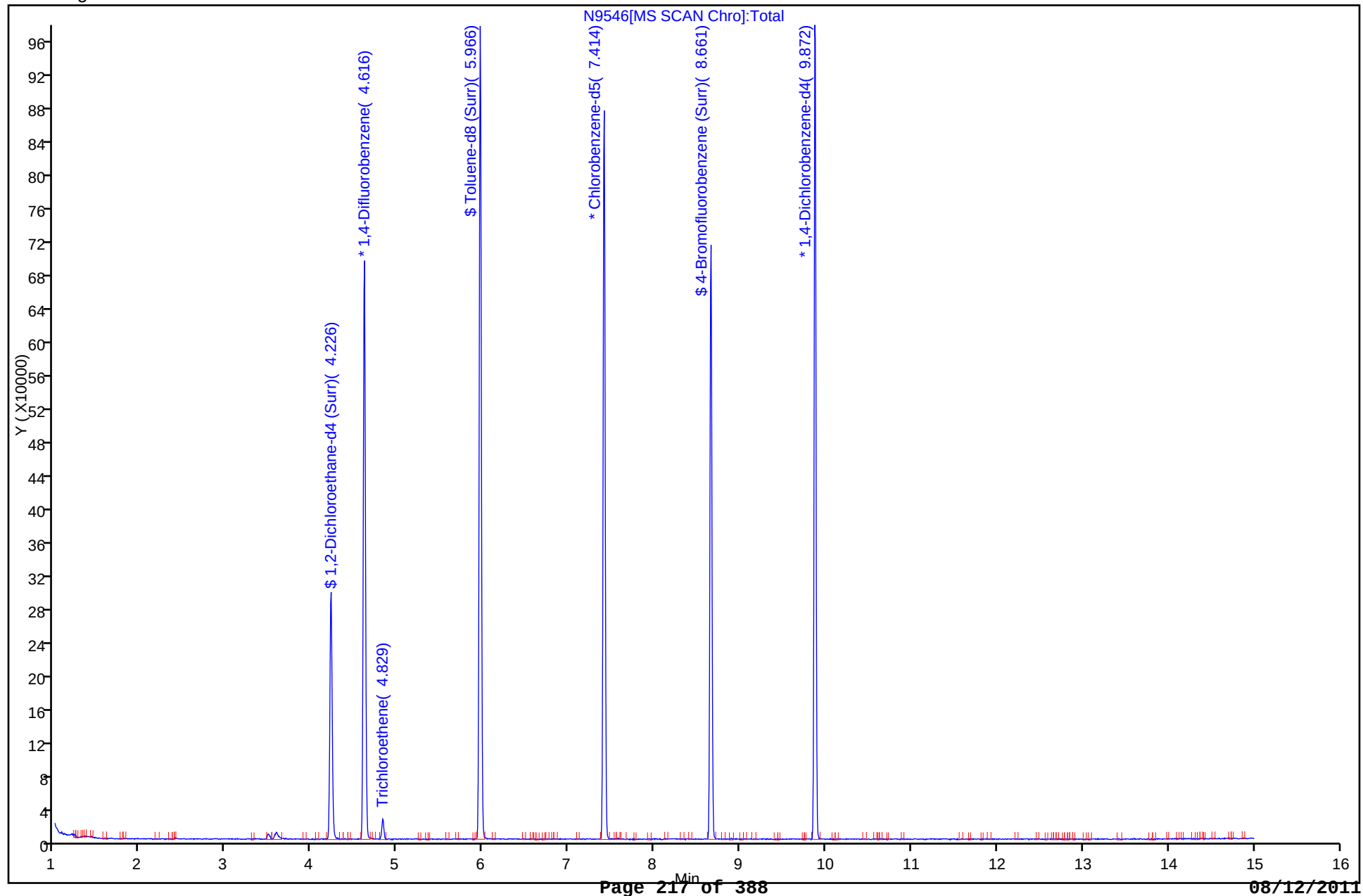
Lims Sample ID: 13

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



Report Date: 29-Jul-2011 06:52:17

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9546.D

Injection Date: 28-Jul-2011 21:03:30

Limit Group: MV - 8260B ICAL

Client ID: Trip

Instrument ID: HP5973N

Lims Batch ID: 25432

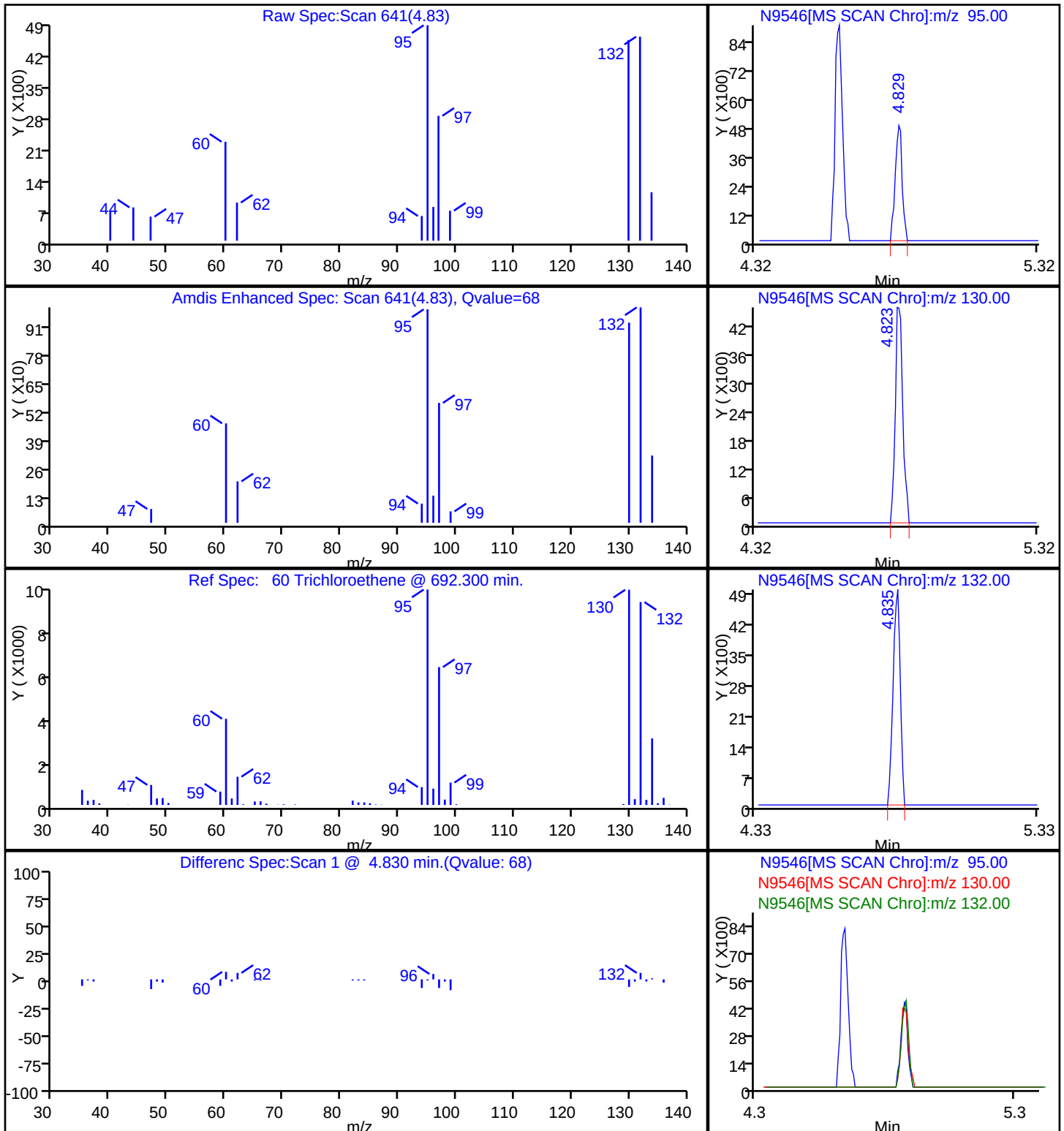
Lims Sample ID: 13

Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

60 Trichloroethene



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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24235

SDG No.: _____

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

Calibration Start Date: 07/20/2011 14:44 Calibration End Date: 07/20/2011 16:52 Calibration ID: 3266

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-24235/2	C12460.D
Level 2	STD 480-24235/3	C12461.D
Level 3	STD 480-24235/4	C12462.D
Level 4	STD 480-24235/5	C12463.D
Level 5	STD 480-24235/6	C12464.D
Level 6	STD 480-24235/7	C12465.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	0.3255 0.3628	0.3588	0.3490	0.3560	0.3667	Ave		0.3531				4.2		15.0			
Chloromethane	0.4870 0.4332	0.4724	0.4339	0.4222	0.4415	Ave		0.4483			0.1000	5.7		15.0			
Vinyl chloride	0.4400 0.4295	0.4451	0.4187	0.4137	0.4315	Ave		0.4297				2.8		30.0			
Bromomethane	0.2630 0.2490	0.2661	0.2485	0.2453	0.2500	Ave		0.2536				3.4		15.0			
Chloroethane	0.2402 0.2509	0.2709	0.2612	0.2509	0.2632	Ave		0.2562				4.3		15.0			
Trichlorofluoromethane	0.4710 0.4950	0.5076	0.4748	0.4827	0.4958	Ave		0.4878				2.9		15.0			
Acrolein	0.0183 0.0201	0.0180	0.0188	0.0185	0.0201	Ave		0.0190				4.9		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2285 0.2829	0.2800	0.2920	0.2850	0.2902	Ave		0.2764				8.6		15.0			
1,1-Dichloroethene	0.2652 0.2844	0.3022	0.2722	0.2737	0.2828	Ave		0.2801				4.6		30.0			
Acetone	0.1208 0.1073	0.1099	0.1098	0.1072	0.1093	Ave		0.1107				4.6		15.0			
Iodomethane	0.3009 0.3498	0.3532	0.3464	0.3419	0.3543	Ave		0.3411				5.9		15.0			
Carbon disulfide	0.8260 0.8762	0.8852	0.8763	0.8721	0.8867	Ave		0.8704				2.6		15.0			
Methyl acetate	0.4112 0.4231	0.4026	0.4158	0.4085	0.4217	Ave		0.4138				1.9		15.0			
Acetonitrile	0.0311 0.0248	0.0252	0.0260	0.0247	0.0256	Ave		0.0262				9.4		15.0			
Methylene Chloride	0.4412 0.3482	0.3875	0.3516	0.3441	0.3535	Ave		0.3710				10.0		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 EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24235

SDG No.: _____

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

Calibration Start Date: 07/20/2011 14:44 Calibration End Date: 07/20/2011 16:52 Calibration ID: 3266

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	0.8130 0.9410	0.8652	0.8661	0.8784	0.9380	Ave		0.8836				5.5		15.0			
Acrylonitrile	0.1237 0.1365	0.1313	0.1323	0.1300	0.1400	Ave		0.1323				4.2		15.0			
trans-1,2-Dichloroethene	0.3169 0.3199	0.3223	0.3079	0.3044	0.3195	Ave		0.3151				2.3		15.0			
Vinyl acetate	0.4747 0.5594	0.5115	0.5368	0.5383	0.5827	Ave		0.5339				7.0		15.0			
1,1-Dichloroethane	0.6175 0.6175	0.6525	0.6185	0.6143	0.6335	Ave		0.6256			0.1000	2.4		15.0			
2-Butanone (MEK)	0.1520 0.1621	0.1524	0.1554	0.1530	0.1625	Ave		0.1562				3.1		15.0			
2,2-Dichloropropane	0.4308 0.4270	0.4561	0.4282	0.4236	0.4372	Ave		0.4338				2.7		15.0			
cis-1,2-Dichloroethene	0.2981 0.3471	0.3456	0.3356	0.3352	0.3506	Ave		0.3354				5.8		15.0			
Bromochloromethane	0.1565 0.1743	0.1685	0.1677	0.1693	0.1762	Ave		0.1688				4.1		15.0			
Chloroform	0.6904 0.5788	0.6107	0.5709	0.5624	0.5903	Ave		0.6006				7.8		30.0			
Tetrahydrofuran	0.0900 0.1049	0.0952	0.0988	0.0989	0.1047	Ave		0.0987				5.8		15.0			
1,1,1-Trichloroethane	0.4484 0.5017	0.5012	0.4789	0.4861	0.5089	Ave		0.4875				4.5		15.0			
Cyclohexane	0.4759 0.6172	0.5470	0.5736	0.5836	0.6156	Ave		0.5688				9.3		15.0			
1,1-Dichloropropene	0.3622 0.4330	0.4051	0.4004	0.4068	0.4292	Ave		0.4061				6.3		15.0			
Carbon tetrachloride	0.3923 0.4544	0.4517	0.4196	0.4263	0.4528	Ave		0.4328				5.7		15.0			
Benzene	1.1511 1.2202	1.2472	1.1967	1.1813	1.2279	Ave		1.2041				2.9		15.0			
1,2-Dichloroethane	0.5053 0.5056	0.5224	0.5077	0.4956	0.5168	Ave		0.5089				1.9		15.0			
Trichloroethene	0.3265 0.3168	0.3295	0.3010	0.3036	0.3160	Ave		0.3156				3.7		15.0			
Methylcyclohexane	0.4018 0.5185	0.4561	0.4673	0.4816	0.5095	Ave		0.4725				8.9		15.0			
1,2-Dichloropropane	0.3222 0.3543	0.3556	0.3357	0.3448	0.3581	Ave		0.3451				4.0		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 EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24235

SDG No.: _____

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

Calibration Start Date: 07/20/2011 14:44 Calibration End Date: 07/20/2011 16:52 Calibration ID: 3266

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	0.1953 0.2068	0.2117	0.1968	0.1953	0.2074	Ave		0.2022				3.6		15.0			
Bromodichloromethane	0.3788 0.4478	0.4339	0.4192	0.4199	0.4459	Ave		0.4243				6.0		15.0			
2-Chloroethyl vinyl ether	0.1422 0.2026	0.1583	0.1684	0.1804	0.1995	Ave		0.1752				13.0		15.0			
cis-1,3-Dichloropropene	0.4073 0.5108	0.4559	0.4494	0.4668	0.5058	Ave		0.4660				8.3		15.0			
4-Methyl-2-pentanone (MIBK)	0.5108 0.6219	0.5547	0.5859	0.6052	0.6320	Ave		0.5851				7.8		15.0			
Toluene	1.2937 1.3898	1.3835	1.2943	1.3573	1.3976	Ave		1.3527				3.5		30.0			
Ethyl methacrylate	0.4587 0.7209	0.5546	0.5903	0.6371	0.6994	Lin1F		0.6917							0.9950		0.9900
trans-1,3-Dichloropropene	0.7299 0.8815	0.8029	0.7879	0.8265	0.8779	Ave		0.8178				7.0		15.0			
1,1,2-Trichloroethane	0.3851 0.4420	0.4529	0.4266	0.4254	0.4465	Ave		0.4297				5.7		15.0			
2-Hexanone	0.3538 0.4390	0.3683	0.3970	0.4117	0.4404	Ave		0.4017				8.9		15.0			
Tetrachloroethene	0.4938 0.5663	0.5787	0.5516	0.5544	0.5782	Ave		0.5538				5.7		15.0			
1,3-Dichloropropane	0.8787 0.9020	0.9017	0.8550	0.8811	0.9108	Ave		0.8882				2.3		15.0			
Dibromochloromethane	0.5398 0.6350	0.5741	0.5603	0.5879	0.6246	Ave		0.5870				6.3		15.0			
1,2-Dibromoethane	0.5134 0.5386	0.5225	0.5091	0.5143	0.5457	Ave		0.5239				2.8		15.0			
Chlorobenzene	1.4623 1.5329	1.5362	1.4777	1.4931	1.5529	Ave		1.5092			0.3000	2.4		15.0			
Ethylbenzene	2.4521 2.6703	2.5386	2.4679	2.5733	2.7126	Ave		2.5691				4.1		30.0			
1,1,1,2-Tetrachloroethane	0.5523 0.5892	0.5778	0.5390	0.5606	0.5939	Ave		0.5688				3.8		15.0			
m,p-Xylene	0.9058 1.0584	0.9723	0.9655	1.0069	1.0645	Ave		0.9956				6.1		15.0			
o-Xylene	0.8316 1.0454	0.9062	0.9072	0.9915	1.0411	Ave		0.9538				9.0		15.0			
Styrene	1.2130 1.7535	1.3921	1.4194	1.5814	1.7034	Ave		1.5105				14.0		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 EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24235

SDG No.: _____

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

Calibration Start Date: 07/20/2011 14:44 Calibration End Date: 07/20/2011 16:52 Calibration ID: 3266

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	2.3357 2.9050	2.5938	2.5859	2.6998	2.9076	Ave		2.6713				8.2		15.0			
Bromoform	0.3138 0.3985	0.3402	0.3390	0.3496	0.3884	Ave		0.3549			0.1000	9.1		15.0			
1,1,2,2-Tetrachloroethane	0.7315 0.7665	0.7517	0.7508	0.7306	0.7787	Ave		0.7516			0.3000	2.5		15.0			
trans-1,4-Dichloro-2-butene	0.1826 0.2456	0.2005	0.2124	0.2208	0.2447	Ave		0.2178				11.0		15.0			
N-Propylbenzene	2.9209 3.5465	3.3061	3.3080	3.4145	3.6249	Ave		3.3535				7.4		15.0			
1,2,3-Trichloropropane	0.2066 0.2384	0.2441	0.2383	0.2282	0.2421	Ave		0.2329				6.0		15.0			
Bromobenzene	0.7042 0.7085	0.6911	0.6604	0.6748	0.7261	Ave		0.6942				3.4		15.0			
1,3,5-Trimethylbenzene	1.8748 2.4829	2.1917	2.1556	2.2761	2.5010	Ave		2.2470				10.0		15.0			
2-Chlorotoluene	0.5900 0.6671	0.6345	0.6251	0.6398	0.6832	Ave		0.6399				5.1		15.0			
4-Chlorotoluene	0.5798 0.6963	0.6778	0.6366	0.6591	0.6940	Ave		0.6573				6.7		15.0			
tert-Butylbenzene	0.3412 0.4952	0.4363	0.4220	0.4499	0.4882	Ave		0.4388				13.0		15.0			
1,2,4-Trimethylbenzene	1.8921 2.5577	2.2252	2.2780	2.4107	2.5592	Ave		2.3205				11.0		15.0			
sec-Butylbenzene	2.3614 3.1817	2.8031	2.8241	2.9412	3.1846	Ave		2.8827				11.0		15.0			
4-Isopropyltoluene	1.7695 2.5552	2.2020	2.1777	2.3591	2.5504	Ave		2.2690				13.0		15.0			
1,3-Dichlorobenzene	1.3039 1.3501	1.3479	1.2698	1.2709	1.3580	Ave		1.3168				3.1		15.0			
1,4-Dichlorobenzene	1.3717 1.3986	1.3581	1.3325	1.3389	1.4103	Ave		1.3684				2.3		15.0			
n-Butylbenzene	1.8318 2.4114	2.1246	2.0707	2.2270	2.3999	Ave		2.1776				10.0		15.0			
1,2-Dichlorobenzene	1.2929 1.3137	1.2955	1.2566	1.2675	1.3313	Ave		1.2929				2.2		15.0			
1,2-Dibromo-3-Chloropropane	0.1834 0.1485	0.1523	0.1383	0.1387	0.1496	Ave		0.1518				11.0		15.0			
1,2,4-Trichlorobenzene	0.6901 0.9179	0.7929	0.8176	0.8335	0.9113	Ave		0.8272				10.0		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 EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24235

SDG No.: _____

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

Calibration Start Date: 07/20/2011 14:44 Calibration End Date: 07/20/2011 16:52 Calibration ID: 3266

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	0.3510 0.3855	0.3845	0.3449	0.3520	0.3811	Ave		0.3665				5.2		15.0			
Naphthalene	1.6424 2.5170	1.8722	1.9454	2.1549	2.4413	Lin1F		2.3984							0.9930		0.9900
1,2,3-Trichlorobenzene	0.7659 0.8820	0.7806	0.7791	0.8197	0.8706	Ave		0.8163				6.1		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1586 0.1948	0.1881	0.1923	0.1997	0.1993	Ave		0.1888				8.2		15.0			
Toluene-d8 (Surr)	1.8207 1.9526	1.8569	1.8479	2.0563	2.0228	Ave		1.9262				5.1		15.0			
4-Bromofluorobenzene (Surr)	0.5832 0.5957	0.5506	0.5382	0.5806	0.5958	Ave		0.5740				4.2		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24235

SDG No.: _____

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

Calibration Start Date: 07/20/2011 14:44 Calibration End Date: 07/20/2011 16:52 Calibration ID: 3266

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-24235/2	C12460.D
Level 2	STD 480-24235/3	C12461.D
Level 3	STD 480-24235/4	C12462.D
Level 4	STD 480-24235/5	C12463.D
Level 5	STD 480-24235/6	C12464.D
Level 6	STD 480-24235/7	C12465.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	8682 963517	46174	90960	238154	479884	1.00 100	5.00	10.0	25.0	50.0
Chloromethane	DFB	Ave	12988 1150486	60786	113082	282455	577683	1.00 100	5.00	10.0	25.0	50.0
Vinyl chloride	DFB	Ave	11734 1140628	57281	109132	276743	564648	1.00 100	5.00	10.0	25.0	50.0
Bromomethane	DFB	Ave	7014 661168	34240	64766	164102	327176	1.00 100	5.00	10.0	25.0	50.0
Chloroethane	DFB	Ave	6407 666372	34857	68079	167890	344417	1.00 100	5.00	10.0	25.0	50.0
Trichlorofluoromethane	DFB	Ave	12562 1314692	65325	123750	322912	648776	1.00 100	5.00	10.0	25.0	50.0
Acrolein	DFB	Ave	9767 1066605	46276	97759	247033	527322	20.0 2000	100	200	500	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	DFB	Ave	6095 751321	36032	76104	190679	379774	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloroethene	DFB	Ave	7072 755297	38892	70936	183099	370090	1.00 100	5.00	10.0	25.0	50.0
Acetone	DFB	Ave	16115 1424760	70689	143105	358616	715404	5.00 500	25.0	50.0	125	250
Iodomethane	DFB	Ave	8024 929071	45455	90291	228740	463629	1.00 100	5.00	10.0	25.0	50.0
Carbon disulfide	DFB	Ave	22030 2326904	113918	228411	583465	1160311	1.00 100	5.00	10.0	25.0	50.0
Methyl acetate	DFB	Ave	10967 1123746	51811	108376	273276	551870	1.00 100	5.00	10.0	25.0	50.0
Acetonitrile	DFB	Ave	33224 2632784	129944	270895	660789	1337519	40.0 4000	200	400	1000	2000
Methylene Chloride	DFB	Ave	11767 924846	49866	91640	230243	462574	1.00 100	5.00	10.0	25.0	50.0
Methyl tert-butyl ether	DFB	Ave	21683 2498959	111335	225737	587675	1227410	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.: 480-7718-1 Analy Batch No.: 24235

SDG No.: _____

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

Calibration Start Date: 07/20/2011 14:44 Calibration End Date: 07/20/2011 16:52 Calibration ID: 3266

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	DFB	Ave	16499 1813000	84512	172379	435002	915683	5.00 500	25.0	50.0	125	250
trans-1,2-Dichloroethene	DFB	Ave	8451 849613	41481	80254	203621	418030	1.00 100	5.00	10.0	25.0	50.0
Vinyl acetate	DFB	Ave	63301 7428501	329136	699629	1800669	3812640	5.00 500	25.0	50.0	125	250
1,1-Dichloroethane	DFB	Ave	16468 1639943	83965	161222	410960	829041	1.00 100	5.00	10.0	25.0	50.0
2-Butanone (MEK)	DFB	Ave	20266 2152056	98030	202586	511744	1062893	5.00 500	25.0	50.0	125	250
2,2-Dichloropropane	DFB	Ave	11490 1134039	58691	111622	283424	572108	1.00 100	5.00	10.0	25.0	50.0
cis-1,2-Dichloroethene	DFB	Ave	7950 921844	44468	87479	224236	458797	1.00 100	5.00	10.0	25.0	50.0
Bromochloromethane	DFB	Ave	4175 462971	21682	43700	113293	230514	1.00 100	5.00	10.0	25.0	50.0
Chloroform	DFB	Ave	18412 1537122	78585	148792	376252	772420	1.00 100	5.00	10.0	25.0	50.0
Tetrahydrofuran	DFB	Ave	12002 1392512	61260	128784	330871	684774	5.00 500	25.0	50.0	125	250
1,1,1-Trichloroethane	DFB	Ave	11958 1332272	64494	124830	325232	665960	1.00 100	5.00	10.0	25.0	50.0
Cyclohexane	DFB	Ave	12692 1639046	70398	149497	390426	805609	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloropropene	DFB	Ave	9659 1150052	52134	104356	272164	561704	1.00 100	5.00	10.0	25.0	50.0
Carbon tetrachloride	DFB	Ave	10462 1206669	58130	109363	285194	592556	1.00 100	5.00	10.0	25.0	50.0
Benzene	DFB	Ave	30700 3240574	160504	311904	790286	1606834	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane	DFB	Ave	13477 1342690	67227	132326	331594	676294	1.00 100	5.00	10.0	25.0	50.0
Trichloroethene	DFB	Ave	8707 841397	42403	78466	203110	413553	1.00 100	5.00	10.0	25.0	50.0
Methylcyclohexane	DFB	Ave	10717 1377146	58693	121811	322197	666659	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloropropane	DFB	Ave	8593 940866	45758	87507	230648	468597	1.00 100	5.00	10.0	25.0	50.0
Dibromomethane	DFB	Ave	5210 549136	27239	51308	130682	271418	1.00 100	5.00	10.0	25.0	50.0
Bromodichloromethane	DFB	Ave	10104 1189168	55840	109251	280926	583542	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.: 480-7718-1 Analy Batch No.: 24235

SDG No.: _____

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

Calibration Start Date: 07/20/2011 14:44 Calibration End Date: 07/20/2011 16:52 Calibration ID: 3266

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	18958 2690746	101888	219517	603600	1305027	5.00 500	25.0	50.0	125	250
cis-1,3-Dichloropropene	DFB	Ave	10864 1356474	58669	117139	312275	661861	1.00 100	5.00	10.0	25.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	35861 4558683	191646	412254	1079174	2256364	5.00 500	25.0	50.0	125	250
Toluene	CBZ	Ave	18164 2037425	95605	182153	484095	997976	1.00 100	5.00	10.0	25.0	50.0
Ethyl methacrylate	CBZ	Lin1F	6440 1056826	38326	83078	227228	499405	1.00 100	5.00	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	10248 1292383	55486	110881	294766	626857	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	5407 647970	31295	60030	151705	318812	1.00 100	5.00	10.0	25.0	50.0
2-Hexanone	CBZ	Ave	24840 3217891	127269	279380	734215	1572396	5.00 500	25.0	50.0	125	250
Tetrachloroethene	CBZ	Ave	6933 830227	39988	77623	197709	412851	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichloropropane	CBZ	Ave	12337 1322297	62311	120326	314236	650386	1.00 100	5.00	10.0	25.0	50.0
Dibromochloromethane	CBZ	Ave	7579 930867	39672	78856	209685	446004	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromoethane	CBZ	Ave	7208 789619	36107	71648	183440	389627	1.00 100	5.00	10.0	25.0	50.0
Chlorobenzene	CBZ	Ave	20530 2247326	106158	207959	532500	1108877	1.00 100	5.00	10.0	25.0	50.0
Ethylbenzene	CBZ	Ave	34428 3914739	175430	347306	917777	1936937	1.00 100	5.00	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	7754 863845	39930	75860	199936	424066	1.00 100	5.00	10.0	25.0	50.0
m,p-Xylene	CBZ	Ave	25435 3103253	134383	271758	718213	1520211	2.00 200	10.0	20.0	50.0	100
o-Xylene	CBZ	Ave	11676 1532573	62620	127671	353618	743365	1.00 100	5.00	10.0	25.0	50.0
Styrene	CBZ	Ave	17031 2570704	96198	199751	564013	1216332	1.00 100	5.00	10.0	25.0	50.0
Isopropylbenzene	DCB	Ave	29312 4001112	164295	334230	908272	1934916	1.00 100	5.00	10.0	25.0	50.0
Bromoform	CBZ	Ave	4406 584143	23507	47703	124671	277312	1.00 100	5.00	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	9180 1055720	47612	97035	245801	518199	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.: 480-7718-1 Analy Batch No.: 24235

SDG No.: _____

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

Calibration Start Date: 07/20/2011 14:44 Calibration End Date: 07/20/2011 16:52 Calibration ID: 3266

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	11458 1691026	63495	137271	371492	814051	5.00 500	25.0	50.0	125	250
N-Propylbenzene	DCB	Ave	36656 4884593	209414	427561	1148736	2412226	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichloropropane	DCB	Ave	2593 328345	15459	30797	76778	161101	1.00 100	5.00	10.0	25.0	50.0
Bromobenzene	DCB	Ave	8838 975755	43778	85358	227018	483224	1.00 100	5.00	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	23528 3419759	138826	278611	765735	1664319	1.00 100	5.00	10.0	25.0	50.0
2-Chlorotoluene	DCB	Ave	7404 918840	40189	80792	215231	454646	1.00 100	5.00	10.0	25.0	50.0
4-Chlorotoluene	DCB	Ave	7276 958961	42935	82281	221748	461860	1.00 100	5.00	10.0	25.0	50.0
tert-Butylbenzene	DCB	Ave	4282 682029	27638	54539	151367	324860	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	23745 3522777	140944	294431	811035	1703044	1.00 100	5.00	10.0	25.0	50.0
sec-Butylbenzene	DCB	Ave	29635 4382160	177553	365019	989510	2119221	1.00 100	5.00	10.0	25.0	50.0
4-Isopropyltoluene	DCB	Ave	22207 3519270	139475	281468	793675	1697197	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichlorobenzene	DCB	Ave	16364 1859524	85376	164117	427553	903732	1.00 100	5.00	10.0	25.0	50.0
1,4-Dichlorobenzene	DCB	Ave	17214 1926306	86025	172227	450434	938532	1.00 100	5.00	10.0	25.0	50.0
n-Butylbenzene	DCB	Ave	22988 3321255	134577	267634	749226	1597080	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichlorobenzene	DCB	Ave	16225 1809411	82057	162420	426415	885950	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	2301 204525	9650	17871	46658	99584	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	8660 1264264	50223	105679	280402	606419	1.00 100	5.00	10.0	25.0	50.0
Hexachlorobutadiene	DCB	Ave	4405 530958	24355	44575	118428	253626	1.00 100	5.00	10.0	25.0	50.0
Naphthalene	DCB	Lin1F	20612 3466673	118588	251442	724954	1624581	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	9612 1214809	49447	100705	275772	579341	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFB	Ave	4231 517395	24204	50129	133571	260742	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.: 480-7718-1 Analy Batch No.: 24235

SDG No.: _____

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

Calibration Start Date: 07/20/2011 14:44 Calibration End Date: 07/20/2011 16:52 Calibration ID: 3266

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	25563 2862638	128318	260057	733397	1444398	1.00 100	5.00	10.0	25.0	50.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	8188 873276	38051	75742	207056	425399	1.00 100	5.00	10.0	25.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin1F = Linear 1/conc ISTD forced zero

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12460.D
 Lims ID: STD Client ID:
 Inject. Date: 20-Jul-2011 14:44:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 1
 Sample ID: STD
 Misc. Info.: 480-0004725-002
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 8
 Lims Batch ID: 24235 Lims Sample ID: 2
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C-8260.m
 Last Update: 21-Jul-2011 09:48:33 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 20-Jul-2011 17:43:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.454	0.001	96	666762	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	88	351000	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	96	313743	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	4231	0.8855	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	45	25563	0.9392	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	49	8188	1.00	
10 Dichlorodifluoromethane	85	4.486	4.486	0.0	26	8682	0.9553	
12 Chloromethane	50	4.865	4.865	0.0	55	12988	1.07	
13 Vinyl chloride	62	5.114	5.114	0.0	35	11734	1.03	
14 Bromomethane	94	5.707	5.719	-0.012	74	7014	1.03	
15 Chloroethane	64	5.862	5.861	0.001	48	6407	0.9782	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	32	12562	0.9878	
20 Acrolein	56	6.763	6.751	0.012	47	9767	19.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.798	6.798	0.0	24	6095	0.8900	
22 1,1-Dichloroethene	96	6.858	6.858	0.0	58	7072	0.9842	
23 Acetone	43	6.917	6.905	0.012	85	16115	5.30	
25 Iodomethane	142	7.095	7.095	0.0	74	8024	0.9361	
26 Carbon disulfide	76	7.190	7.178	0.012	89	22030	0.9728	
27 Methyl acetate	43	7.213	7.201	0.012	75	10967	1.00	
29 Acetonitrile	40	7.249	7.237	0.012	95	33224	44.6	
30 Methylene Chloride	84	7.379	7.379	0.0	82	11767	1.12	
32 Methyl tert-butyl ether	73	7.557	7.557	0.0	74	21683	0.9613	
33 Acrylonitrile	53	7.617	7.617	0.0	83	16499	4.88	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	67	8451	1.02	
37 Vinyl acetate	43	7.960	7.960	0.0	95	63301	4.69	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	38	16468	1.00	
43 2-Butanone (MEK)	43	8.470	8.470	0.0	85	20266	4.98	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	44	11490	1.01	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	39	7950	0.9414	
48 Chlorobromomethane	128	8.743	8.743	0.0	72	4175	0.9607	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	71	12002	4.76	
50 Chloroform	83	8.755	8.755	0.0	80	18412	1.10	
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	61	11958	0.9596	
52 Cyclohexane	56	8.980	8.980	0.0	68	12692	0.8984	
54 1,1-Dichloropropene	75	9.051	9.040	0.011	44	9659	0.9419	
55 Carbon tetrachloride	117	9.075	9.075	0.0	64	10462	0.9584	
57 Benzene	78	9.241	9.241	0.0	90	30700	0.9871	
58 1,2-Dichloroethane	62	9.253	9.253	0.0	48	13477	1.01	
62 Trichloroethene	95	9.716	9.715	0.001	75	8707	1.04	
64 Methylcyclohexane	83	9.870	9.870	0.0	73	10717	0.9097	
65 1,2-Dichloropropane	63	9.917	9.917	0.0	56	8593	0.9662	
67 Dibromomethane	93	10.048	10.048	0.0	72	5210	1.00	
68 Dichlorobromomethane	83	10.119	10.119	0.0	55	10104	0.9486	
69 2-Chloroethyl vinyl ether	63	10.237	10.237	0.0	73	18958	4.41	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	50	10864	0.9320	
73 4-Methyl-2-pentanone (MIBK)	43	10.474	10.474	0.0	81	35861	4.58	
74 Toluene	92	10.712	10.712	0.0	77	18164	0.9760	
75 Ethyl methacrylate	69	10.783	10.783	0.0	21	6440	0.8372	
77 trans-1,3-Dichloropropene	75	10.854	10.842	0.012	56	10248	0.9380	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	47	5407	0.9503	
80 2-Hexanone	43	11.115	11.115	0.0	88	24840	4.62	
81 Tetrachloroethene	166	11.162	11.162	0.0	68	6933	0.9422	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	61	12337	1.00	
83 Chlorodibromomethane	129	11.399	11.399	0.0	31	7579	0.9573	
84 Ethylene Dibromide	107	11.530	11.530	0.0	44	7208	1.00	
87 Chlorobenzene	112	11.862	11.862	0.0	43	20530	0.9896	
88 Ethylbenzene	91	11.874	11.874	0.0	74	34428	0.9759	
89 1,1,1,2-Tetrachloroethane	131	11.897	11.897	0.0	57	7754	0.99	
90 m-Xylene & p-Xylene	106	11.945	11.945	0.0	90	25435	1.89	
91 o-Xylene	106	12.301	12.301	0.0	82	11676	0.9123	
92 Styrene	104	12.313	12.312	0.001	75	17031	0.8682	
94 Isopropylbenzene	105	12.573	12.573	0.0	71	29312	0.9277	
95 Bromoform	173	12.585	12.585	0.0	1	4406	0.9461	
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	17	9180	1.00	
98 trans-1,4-Dichloro-2-butene	53	12.882	12.882	0.0	65	11458	4.53	
99 N-Propylbenzene	91	12.917	12.917	0.0	62	36656	0.9221	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	1	2593	0.9503	
101 Bromobenzene	156	12.977	12.977	0.0	54	8838	1.02	
102 1,3,5-Trimethylbenzene	105	13.036	13.036	0.0	48	23528	0.9033	
103 2-Chlorotoluene	126	13.095	13.095	0.0	79	7404	0.9595	
105 4-Chlorotoluene	126	13.178	13.178	0.0	63	7276	0.9359	
106 tert-Butylbenzene	134	13.368	13.368	0.0	54	4282	0.8626	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	46	23745	0.8795	
109 sec-Butylbenzene	105	13.570	13.569	0.001	57	29635	0.8907	
110 4-Isopropyltoluene	119	13.664	13.664	0.0	52	22207	0.8572	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	54	16364	1.01	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	63	17214	1.01	
115 n-Butylbenzene	91	14.079	14.079	0.0	65	22988	0.9026	
116 1,2-Dichlorobenzene	146	14.305	14.305	0.0	60	16225	1.01	
117 1,2-Dibromo-3-Chloropropane	75	15.182	15.182	0.0	1	2301	1.14	
119 1,2,4-Trichlorobenzene	180	16.238	16.238	0.0	21	8660	0.9059	
120 Hexachlorobutadiene	225	16.344	16.344	0.0	1	4405	1.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.676	16.676	0.0	43	20612	0.8650	
122 1,2,3-Trichlorobenzene	180	17.044	17.044	0.0	27	9612	0.9661	
S 125 1,2-Dichloroethene, Total	1				0		1.96	
S 126 1,3-Dichloropropene, Total	1				0		1.87	
S 123 Total BTEX	1				0		5.75	
S 124 Xylenes, Total	1				0		2.81	

Report Date: 21-Jul-2011 09:48:33

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12460.D

Injection Date: 20-Jul-2011 14:44:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973C

Lims Batch ID: 24235

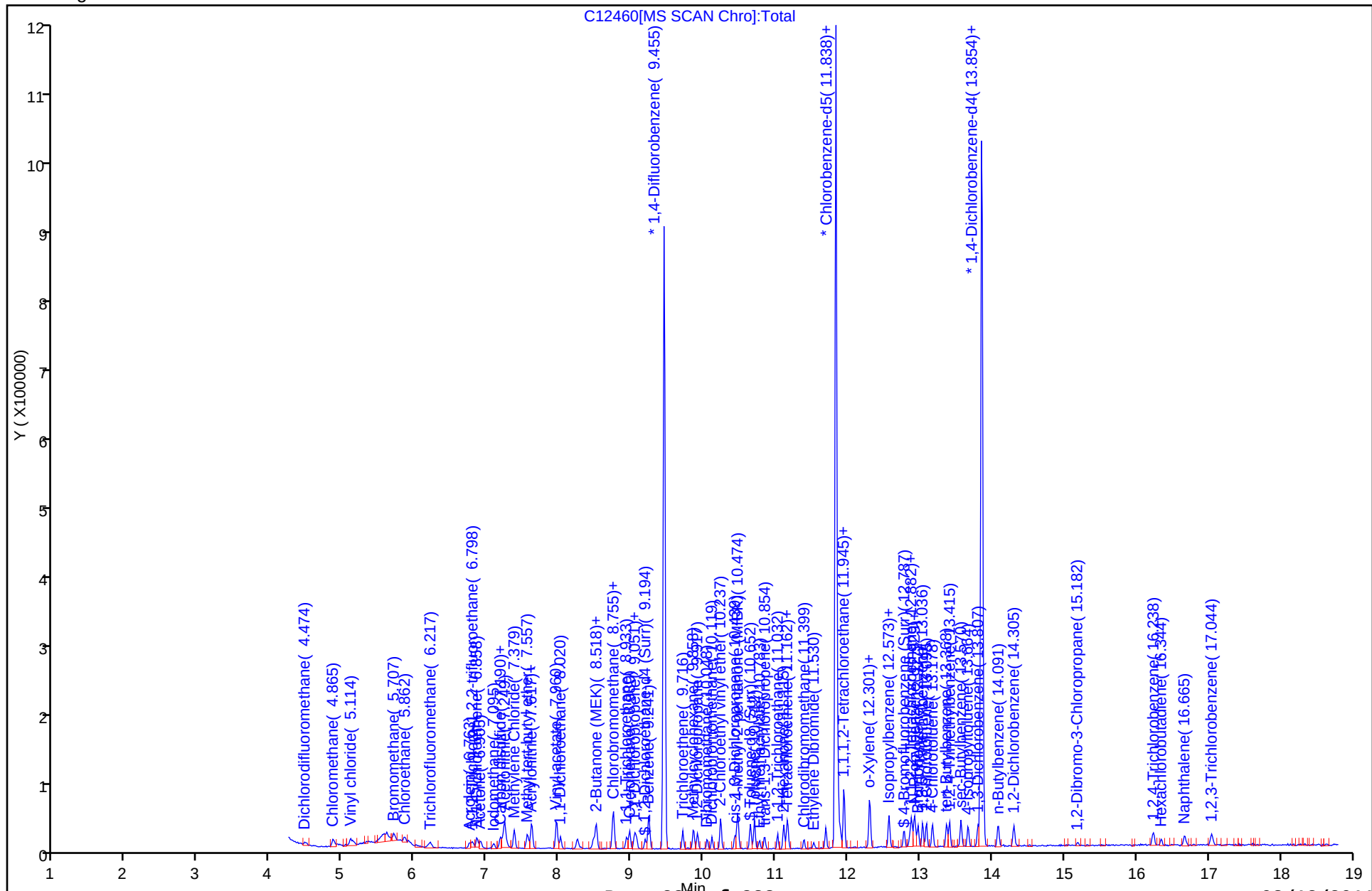
Lims Sample ID: 2

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12461.D
 Lims ID: STD-2 Client ID:
 Inject. Date: 20-Jul-2011 15:10:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 2
 Sample ID: STD-2
 Misc. Info.: 480-0004725-003
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 9
 Lims Batch ID: 24235 Lims Sample ID: 3
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C-8260.m
 Last Update: 21-Jul-2011 09:48:35 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 20-Jul-2011 17:43:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.454	0.001	96	643437	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	82	345522	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	90	316705	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	24204	5.16	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	91	128318	4.86	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	80	38051	4.82	
10 Dichlorodifluoromethane	85	4.486	4.486	0.0	72	46174	5.17	
12 Chloromethane	50	4.877	4.865	0.012	96	60786	5.13	
13 Vinyl chloride	62	5.114	5.114	0.0	90	57281	5.14	
14 Bromomethane	94	5.719	5.719	0.0	90	34240	5.15	
15 Chloroethane	64	5.862	5.861	0.001	90	34857	5.33	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	87	65325	5.21	
20 Acrolein	56	6.763	6.751	0.012	84	46276	98.5	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.798	6.798	0.0	73	36032	5.29	
22 1,1-Dichloroethene	96	6.870	6.858	0.012	82	38892	5.39	
23 Acetone	43	6.917	6.905	0.012	95	70689	24.4	
25 Iodomethane	142	7.095	7.095	0.0	95	45455	5.32	
26 Carbon disulfide	76	7.190	7.178	0.012	97	113918	5.14	
27 Methyl acetate	43	7.213	7.201	0.012	87	51811	4.94	
29 Acetonitrile	40	7.237	7.237	0.0	99	129944	186.8	
30 Methylene Chloride	84	7.379	7.379	0.0	93	49866	4.96	
32 Methyl tert-butyl ether	73	7.569	7.557	0.012	87	111335	5.08	
33 Acrylonitrile	53	7.617	7.617	0.0	98	84512	25.6	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	88	41481	5.12	
37 Vinyl acetate	43	7.961	7.960	0.001	97	329136	25.2	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	91	83965	5.19	
43 2-Butanone (MEK)	43	8.470	8.470	0.0	98	98030	25.0	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	63	58691	5.22	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	73	44468	5.30	
48 Chlorobromomethane	128	8.743	8.743	0.0	77	21682	5.11	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	87	61260	25.1	
50 Chloroform	83	8.755	8.755	0.0	76	78585	4.92	
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	85	64494	5.24	
52 Cyclohexane	56	8.980	8.980	0.0	92	70398	5.11	
54 1,1-Dichloropropene	75	9.040	9.040	0.0	81	52134	5.18	
55 Carbon tetrachloride	117	9.075	9.075	0.0	60	58130	5.33	
57 Benzene	78	9.241	9.241	0.0	96	160504	5.23	
58 1,2-Dichloroethane	62	9.253	9.253	0.0	79	67227	5.14	
62 Trichloroethene	95	9.716	9.715	0.001	87	42403	5.15	
64 Methylcyclohexane	83	9.858	9.870	-0.012	88	58693	5.11	
65 1,2-Dichloropropane	63	9.917	9.917	0.0	88	45758	5.22	
67 Dibromomethane	93	10.048	10.048	0.0	78	27239	5.27	
68 Dichlorobromomethane	83	10.119	10.119	0.0	91	55840	5.28	
69 2-Chloroethyl vinyl ether	63	10.237	10.237	0.0	91	101888	24.7	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	76	58669	5.14	
73 4-Methyl-2-pentanone (MIBK)	43	10.475	10.474	0.001	92	191646	24.9	
74 Toluene	92	10.712	10.712	0.0	97	95605	5.14	
75 Ethyl methacrylate	69	10.783	10.783	0.0	85	38326	5.04	
77 trans-1,3-Dichloropropene	75	10.854	10.842	0.012	85	55486	5.10	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	82	31295	5.38	
80 2-Hexanone	43	11.115	11.115	0.0	90	127269	24.4	
81 Tetrachloroethene	166	11.162	11.162	0.0	81	39988	5.34	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	87	62311	5.08	
83 Chlorodibromomethane	129	11.399	11.399	0.0	75	39672	5.06	
84 Ethylene Dibromide	107	11.530	11.530	0.0	81	36107	5.06	
87 Chlorobenzene	112	11.862	11.862	0.0	88	106158	5.13	
88 Ethylbenzene	91	11.874	11.874	0.0	82	175430	5.03	
89 1,1,1,2-Tetrachloroethane	131	11.898	11.897	0.001	75	39930	5.13	
90 m-Xylene & p-Xylene	106	11.945	11.945	0.0	98	134383	10.1	
91 o-Xylene	106	12.301	12.301	0.0	89	62620	4.98	
92 Styrene	104	12.313	12.312	0.001	87	96198	4.99	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	164295	5.10	
95 Bromoform	173	12.585	12.585	0.0	77	23507	5.08	
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	66	47612	5.09	
98 trans-1,4-Dichloro-2-butene	53	12.882	12.882	0.0	81	63495	24.9	
99 N-Propylbenzene	91	12.917	12.917	0.0	57	209414	5.14	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	61	15459	5.39	
101 Bromobenzene	156	12.977	12.977	0.0	74	43778	5.01	
102 1,3,5-Trimethylbenzene	105	13.036	13.036	0.0	79	138826	5.18	
103 2-Chlorotoluene	126	13.095	13.095	0.0	93	40189	5.11	
105 4-Chlorotoluene	126	13.178	13.178	0.0	96	42935	5.30	
106 tert-Butylbenzene	134	13.368	13.368	0.0	76	27638	5.33	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	71	140944	5.11	
109 sec-Butylbenzene	105	13.570	13.569	0.001	90	177553	5.19	
110 4-Isopropyltoluene	119	13.664	13.664	0.0	95	139475	5.22	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	84	85376	5.15	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	89	86025	5.01	
115 n-Butylbenzene	91	14.080	14.079	0.001	95	134577	5.15	
116 1,2-Dichlorobenzene	146	14.305	14.305	0.0	92	82057	5.04	
117 1,2-Dibromo-3-Chloropropane	75	15.182	15.182	0.0	32	9650	4.82	
119 1,2,4-Trichlorobenzene	180	16.238	16.238	0.0	84	50223	5.13	
120 Hexachlorobutadiene	225	16.344	16.344	0.0	71	24355	5.30	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.677	16.676	0.001	92	118588	4.95	
122 1,2,3-Trichlorobenzene	180	17.044	17.044	0.0	84	49447	4.95	
S 125 1,2-Dichloroethene, Total	1				0		10.4	
S 126 1,3-Dichloropropene, Total	1				0		10.2	
S 123 Total BTEX	1				0		30.5	
S 124 Xylenes, Total	1				0		15.1	

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12461.D

Injection Date: 20-Jul-2011 15:10:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973C

Lims Batch ID: 24235

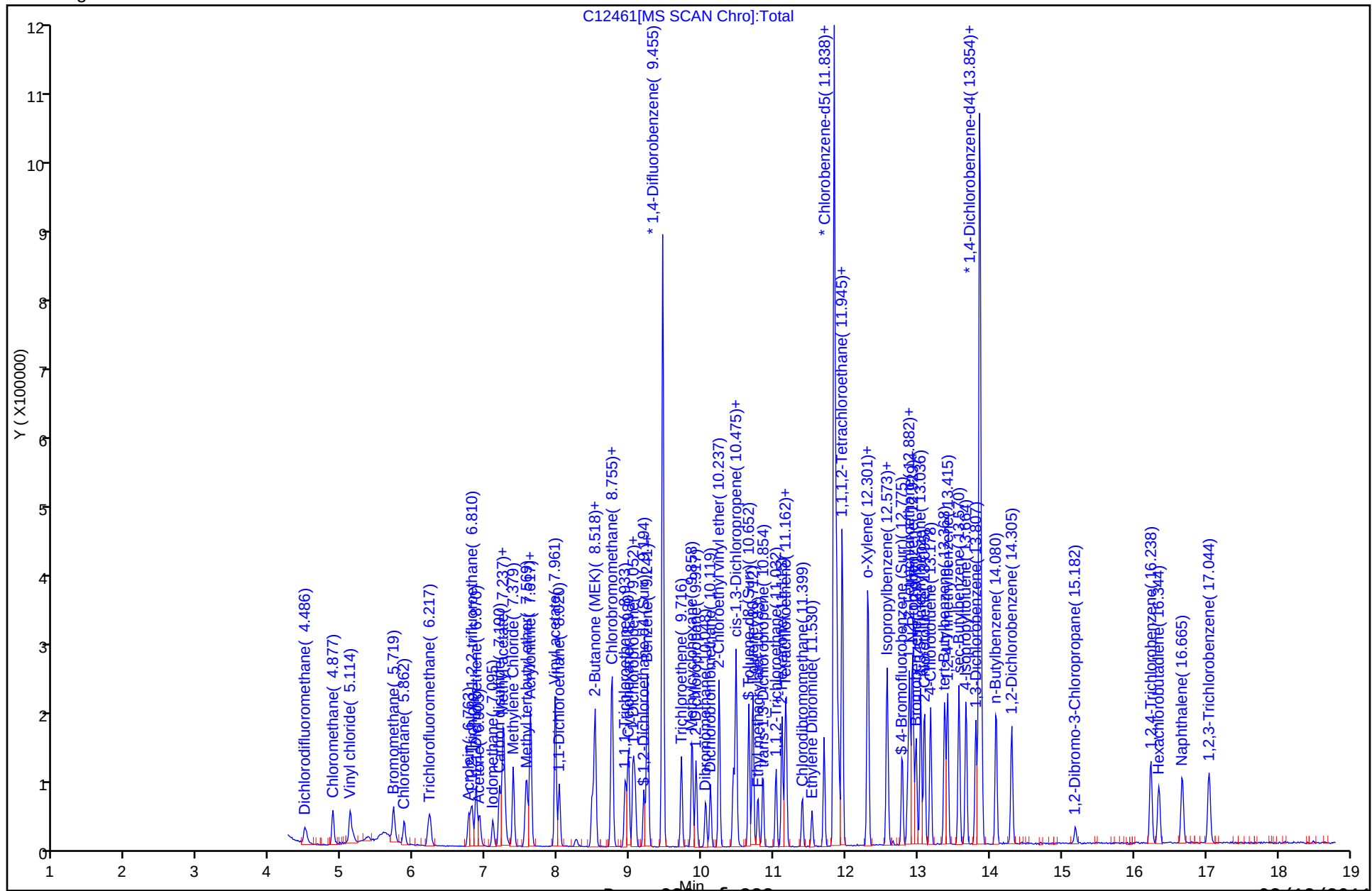
Lims Sample ID: 3

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12462.D
 Lims ID: STD-3 Client ID:
 Inject. Date: 20-Jul-2011 15:35:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 3
 Sample ID: STD-3
 Misc. Info.: 480-0004725-004
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 10
 Lims Batch ID: 24235 Lims Sample ID: 4
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C-8260.m
 Last Update: 21-Jul-2011 09:48:36 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 20-Jul-2011 17:44:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.454	0.001	96	651618	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	82	351826	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	81	323126	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	50129	10.4	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	93	260057	9.75	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	84	75742	9.56	
10 Dichlorodifluoromethane	85	4.486	4.486	0.0	81	90960	10.0	
12 Chloromethane	50	4.877	4.865	0.012	89	113082	9.56	
13 Vinyl chloride	62	5.114	5.114	0.0	96	109132	9.75	
14 Bromomethane	94	5.719	5.719	0.0	88	64766	9.72	
15 Chloroethane	64	5.862	5.861	0.001	92	68079	10.2	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	82	123750	9.81	
20 Acrolein	56	6.763	6.751	0.012	93	97759	204.1	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.798	6.798	0.0	81	76104	10.8	
22 1,1-Dichloroethene	96	6.869	6.858	0.011	83	70936	9.78	
23 Acetone	43	6.905	6.905	0.0	98	143105	49.1	
25 Iodomethane	142	7.095	7.095	0.0	96	90291	10.3	
26 Carbon disulfide	76	7.190	7.178	0.012	89	228411	10.1	
27 Methyl acetate	43	7.202	7.201	0.001	89	108376	10.2	
29 Acetonitrile	40	7.237	7.237	0.0	99	270895	388.3	
30 Methylene Chloride	84	7.379	7.379	0.0	94	91640	9.23	
32 Methyl tert-butyl ether	73	7.557	7.557	0.0	88	225737	10.1	
33 Acrylonitrile	53	7.617	7.617	0.0	96	172379	51.1	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	92	80254	9.84	
37 Vinyl acetate	43	7.960	7.960	0.0	97	699629	52.1	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	83	161222	9.89	
43 2-Butanone (MEK)	43	8.470	8.470	0.0	99	202586	50.7	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	63	111622	9.85	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	87	87479	10.2	
48 Chlorobromomethane	128	8.743	8.743	0.0	79	43700	10.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	88	128784	51.6	
50 Chloroform	83	8.755	8.755	0.0	79	148792	9.38	
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	88	124830	10.0	
52 Cyclohexane	56	8.980	8.980	0.0	92	149497	10.5	
54 1,1-Dichloropropene	75	9.040	9.040	0.0	88	104356	10.2	
55 Carbon tetrachloride	117	9.075	9.075	0.0	64	109363	9.93	
57 Benzene	78	9.241	9.241	0.0	97	311904	10.0	
58 1,2-Dichloroethane	62	9.253	9.253	0.0	78	132326	10.0	
62 Trichloroethene	95	9.716	9.715	0.001	92	78466	9.55	
64 Methylcyclohexane	83	9.870	9.870	0.0	89	121811	10.3	
65 1,2-Dichloropropane	63	9.917	9.917	0.0	88	87507	9.89	
67 Dibromomethane	93	10.048	10.048	0.0	84	51308	9.85	
68 Dichlorobromomethane	83	10.119	10.119	0.0	86	109251	10.2	
69 2-Chloroethyl vinyl ether	63	10.237	10.237	0.0	91	219517	51.9	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	86	117139	10.1	
73 4-Methyl-2-pentanone (MIBK)	43	10.474	10.474	0.0	92	412254	51.9	
74 Toluene	92	10.712	10.712	0.0	97	182153	9.72	
75 Ethyl methacrylate	69	10.783	10.783	0.0	88	83078	10.5	
77 trans-1,3-Dichloropropene	75	10.842	10.842	0.0	91	110881	10.0	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	88	60030	10.1	
80 2-Hexanone	43	11.115	11.115	0.0	92	279380	51.9	
81 Tetrachloroethene	166	11.162	11.162	0.0	82	77623	10.1	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	91	120326	9.73	
83 Chlorodibromomethane	129	11.399	11.399	0.0	83	78856	9.91	
84 Ethylene Dibromide	107	11.530	11.530	0.0	94	71648	9.89	
87 Chlorobenzene	112	11.862	11.862	0.0	89	207959	9.90	
88 Ethylbenzene	91	11.874	11.874	0.0	85	347306	9.84	
89 1,1,1,2-Tetrachloroethane	131	11.897	11.897	0.0	68	75860	9.67	
90 m-Xylene & p-Xylene	106	11.945	11.945	0.0	99	271758	20.1	
91 o-Xylene	106	12.301	12.301	0.0	89	127671	9.98	
92 Styrene	104	12.313	12.312	0.001	89	199751	10.1	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	334230	10.1	
95 Bromoform	173	12.585	12.585	0.0	84	47703	10.1	
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	75	97035	10.1	
98 trans-1,4-Dichloro-2-butene	53	12.882	12.882	0.0	82	137271	52.0	
99 N-Propylbenzene	91	12.917	12.917	0.0	70	427561	10.2	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	58	30797	10.4	
101 Bromobenzene	156	12.977	12.977	0.0	77	85358	9.67	
102 1,3,5-Trimethylbenzene	105	13.036	13.036	0.0	83	278611	10.1	
103 2-Chlorotoluene	126	13.095	13.095	0.0	94	80792	10.0	
105 4-Chlorotoluene	126	13.178	13.178	0.0	99	82281	9.97	
106 tert-Butylbenzene	134	13.368	13.368	0.0	90	54539	10.2	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	73	294431	10.3	
109 sec-Butylbenzene	105	13.570	13.569	0.001	94	365019	10.3	
110 4-Isopropyltoluene	119	13.664	13.664	0.0	93	281468	10.2	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	78	164117	9.78	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	89	172227	9.87	
115 n-Butylbenzene	91	14.079	14.079	0.0	97	267634	10.0	
116 1,2-Dichlorobenzene	146	14.305	14.305	0.0	94	162420	9.83	
117 1,2-Dibromo-3-Chloropropane	75	15.182	15.182	0.0	52	17871	9.03	
119 1,2,4-Trichlorobenzene	180	16.238	16.238	0.0	82	105679	10.4	
120 Hexachlorobutadiene	225	16.344	16.344	0.0	85	44575	9.63	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.676	16.676	0.0	96	251442	10.2	
122 1,2,3-Trichlorobenzene	180	17.044	17.044	0.0	91	100705	9.91	
S 125 1,2-Dichloroethene, Total	1				0		20.1	
S 126 1,3-Dichloropropene, Total	1				0		20.1	
S 123 Total BTEX	1				0		59.6	
S 124 Xylenes, Total	1				0		30.0	

Report Date: 21-Jul-2011 09:48:36

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12462.D

Injection Date: 20-Jul-2011 15:35:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973C

Lims Batch ID: 24235

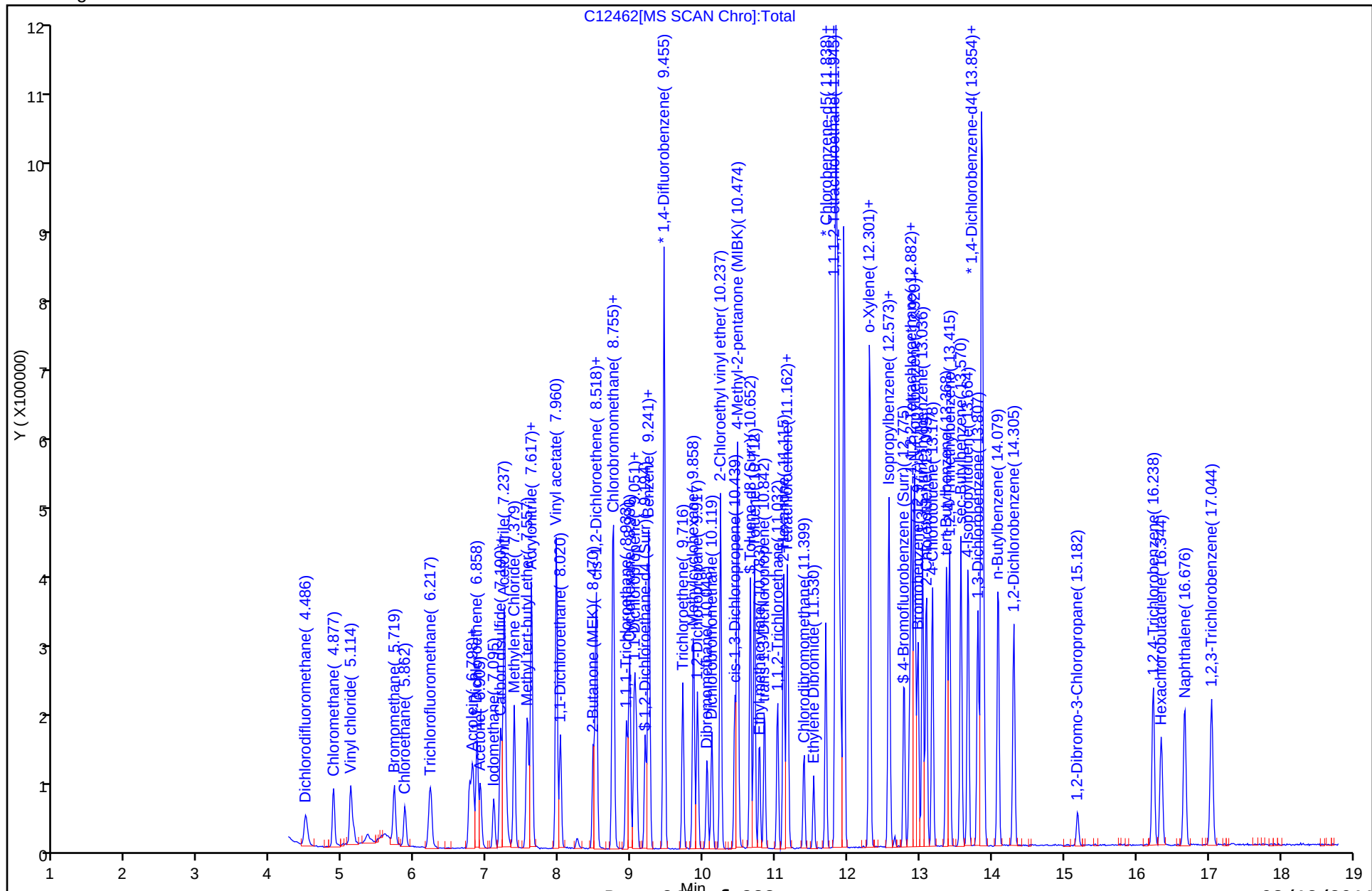
Lims Sample ID: 4

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12463.D
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 Inject. Date: 20-Jul-2011 16:01:30 Dil. Factor: 1.0000
 Sample Type: ICIS Calib Level: 4
 Sample ID: STD-4
 Misc. Info.: 480-0004725-005
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 11
 Lims Batch ID: 24235 Lims Sample ID: 5
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C-8260.m
 Last Update: 21-Jul-2011 09:48:28 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 21-Jul-2011 09:48:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.455	0.0	96	669024	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	54	356650	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.854	0.0	94	336425	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	133571	25.0	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	733397	25.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	85	207056	25.0	
10 Dichlorodifluoromethane	85	4.486	4.486	0.0	87	238154	25.0	
12 Chloromethane	50	4.865	4.865	0.0	88	282455	25.0	
13 Vinyl chloride	62	5.114	5.114	0.0	83	276743	25.0	
14 Bromomethane	94	5.719	5.719	0.0	92	164102	25.0	
15 Chloroethane	64	5.861	5.861	0.0	94	167890	25.0	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	84	322912	25.0	
20 Acrolein	56	6.751	6.751	0.0	96	247033	500.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.798	6.798	0.0	79	190679	25.0	
22 1,1-Dichloroethene	96	6.858	6.858	0.0	84	183099	25.0	
23 Acetone	43	6.905	6.905	0.0	100	358616	125.0	
25 Iodomethane	142	7.095	7.095	0.0	98	228740	25.0	
26 Carbon disulfide	76	7.178	7.178	0.0	89	583465	25.0	
27 Methyl acetate	43	7.201	7.201	0.0	90	273276	25.0	
29 Acetonitrile	40	7.237	7.237	0.0	99	660789	1000.0	
30 Methylene Chloride	84	7.379	7.379	0.0	94	230243	25.0	
32 Methyl tert-butyl ether	73	7.557	7.557	0.0	87	587675	25.0	
33 Acrylonitrile	53	7.617	7.617	0.0	97	435002	125.0	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	95	203621	25.0	
37 Vinyl acetate	43	7.960	7.960	0.0	97	1800669	125.0	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	85	410960	25.0	
43 2-Butanone (MEK)	43	8.470	8.470	0.0	94	511744	125.0	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	61	283424	25.0	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	74	224236	25.0	
48 Chlorobromomethane	128	8.743	8.743	0.0	83	113293	25.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	88	330871	125.0	
50 Chloroform	83	8.755	8.755	0.0	80	376252	25.0	
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	88	325232	25.0	
52 Cyclohexane	56	8.980	8.980	0.0	91	390426	25.0	
54 1,1-Dichloropropene	75	9.040	9.040	0.0	88	272164	25.0	
55 Carbon tetrachloride	117	9.075	9.075	0.0	65	285194	25.0	
57 Benzene	78	9.241	9.241	0.0	96	790286	25.0	
58 1,2-Dichloroethane	62	9.253	9.253	0.0	95	331594	25.0	
62 Trichloroethene	95	9.715	9.715	0.0	93	203110	25.0	
64 Methylcyclohexane	83	9.870	9.870	0.0	89	322197	25.0	
65 1,2-Dichloropropane	63	9.917	9.917	0.0	92	230648	25.0	
67 Dibromomethane	93	10.048	10.048	0.0	84	130682	25.0	
68 Dichlorobromomethane	83	10.119	10.119	0.0	94	280926	25.0	
69 2-Chloroethyl vinyl ether	63	10.237	10.237	0.0	90	603600	125.0	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	87	312275	25.0	
73 4-Methyl-2-pentanone (MIBK)	43	10.474	10.474	0.0	92	1079174	125.0	
74 Toluene	92	10.712	10.712	0.0	96	484095	25.0	
75 Ethyl methacrylate	69	10.783	10.783	0.0	90	227228	25.0	
77 trans-1,3-Dichloropropene	75	10.842	10.842	0.0	92	294766	25.0	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	95	151705	25.0	
80 2-Hexanone	43	11.115	11.115	0.0	91	734215	125.0	
81 Tetrachloroethene	166	11.162	11.162	0.0	84	197709	25.0	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	93	314236	25.0	
83 Chlorodibromomethane	129	11.399	11.399	0.0	87	209685	25.0	
84 Ethylene Dibromide	107	11.530	11.530	0.0	97	183440	25.0	
87 Chlorobenzene	112	11.862	11.862	0.0	87	532500	25.0	
88 Ethylbenzene	91	11.874	11.874	0.0	86	917777	25.0	
89 1,1,1,2-Tetrachloroethane	131	11.897	11.897	0.0	88	199936	25.0	
90 m-Xylene & p-Xylene	106	11.945	11.945	0.0	98	718213	50.0	
91 o-Xylene	106	12.301	12.301	0.0	91	353618	25.0	
92 Styrene	104	12.312	12.312	0.0	89	564013	25.0	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	908272	25.0	
95 Bromoform	173	12.585	12.585	0.0	83	124671	25.0	
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	87	245801	25.0	
98 trans-1,4-Dichloro-2-butene	53	12.882	12.882	0.0	84	371492	125.0	
99 N-Propylbenzene	91	12.917	12.917	0.0	76	1148736	25.0	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	47	76778	25.0	
101 Bromobenzene	156	12.977	12.977	0.0	75	227018	25.0	
102 1,3,5-Trimethylbenzene	105	13.036	13.036	0.0	81	765735	25.0	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	215231	25.0	
105 4-Chlorotoluene	126	13.178	13.178	0.0	99	221748	25.0	
106 tert-Butylbenzene	134	13.368	13.368	0.0	83	151367	25.0	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	73	811035	25.0	
109 sec-Butylbenzene	105	13.569	13.569	0.0	95	989510	25.0	
110 4-Isopropyltoluene	119	13.664	13.664	0.0	96	793675	25.0	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	83	427553	25.0	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	77	450434	25.0	
115 n-Butylbenzene	91	14.079	14.079	0.0	98	749226	25.0	
116 1,2-Dichlorobenzene	146	14.305	14.305	0.0	95	426415	25.0	
117 1,2-Dibromo-3-Chloropropane	75	15.182	15.182	0.0	62	46658	25.0	
119 1,2,4-Trichlorobenzene	180	16.238	16.238	0.0	92	280402	25.0	
120 Hexachlorobutadiene	225	16.344	16.344	0.0	93	118428	25.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.676	16.676	0.0	97	724954	25.0	
122 1,2,3-Trichlorobenzene	180	17.044	17.044	0.0	93	275772	25.0	
S 125 1,2-Dichloroethene, Total	1				0		50.0	
S 126 1,3-Dichloropropene, Total	1				0		50.0	
S 123 Total BTEX	1				0		150.0	
S 124 Xylenes, Total	1				0		75.0	

Report Date: 21-Jul-2011 09:48:28

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12463.D

Injection Date: 20-Jul-2011 16:01:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973C

Lims Batch ID: 24235

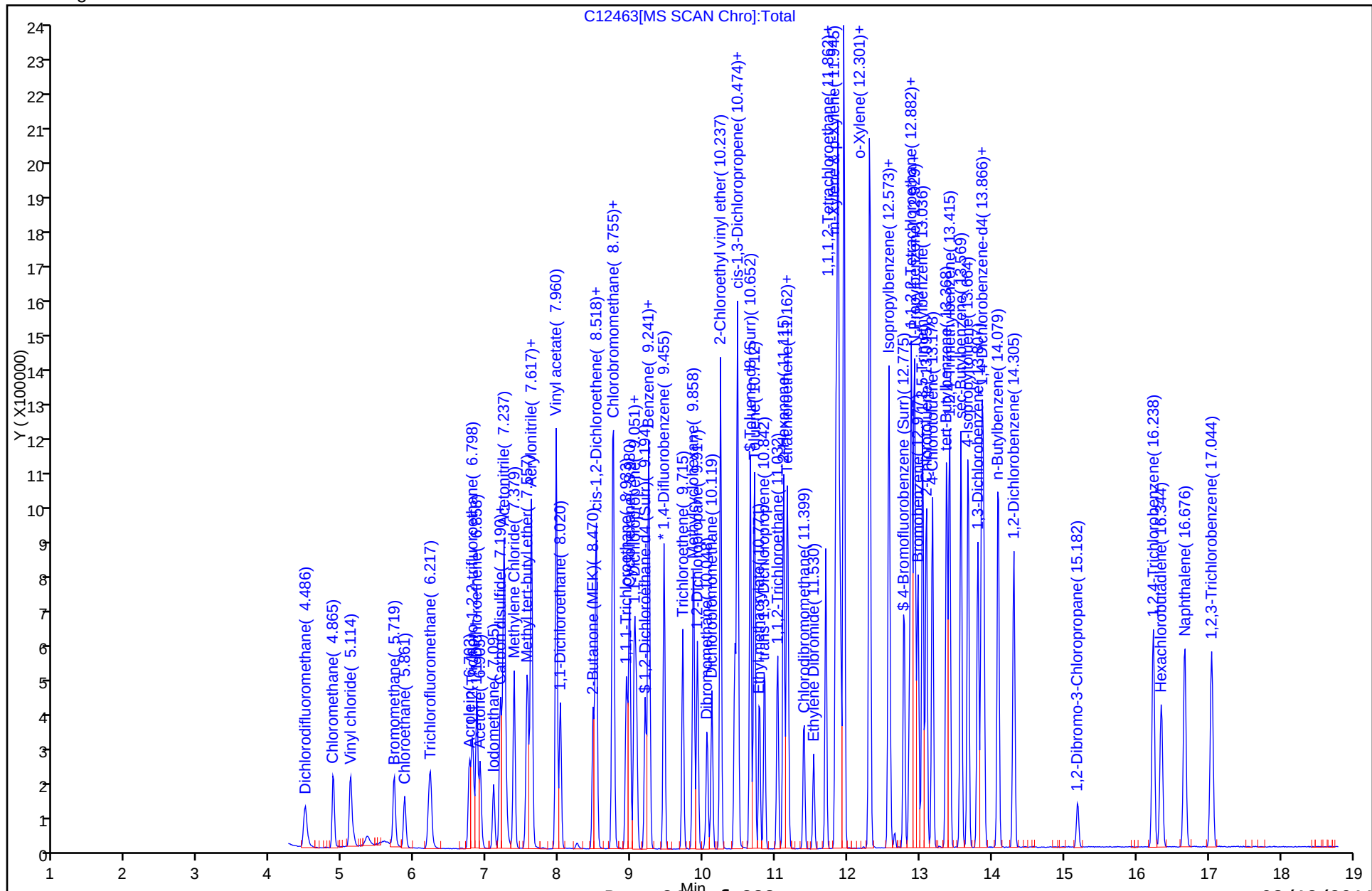
Lims Sample ID: 5

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12464.D
 Lims ID: STD-5 Client ID:
 Inject. Date: 20-Jul-2011 16:26:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 5
 Sample ID: STD-5
 Misc. Info.: 480-0004725-006
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 12
 Lims Batch ID: 24235 Lims Sample ID: 6
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C-8260.m
 Last Update: 21-Jul-2011 09:48:39 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 20-Jul-2011 17:44:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.454	0.001	96	654289	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	46	357023	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	96	332733	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	260742	53.1	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	1444398	52.7	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	86	425399	52.3	
10 Dichlorodifluoromethane	85	4.486	4.486	0.0	87	479884	52.2	
12 Chloromethane	50	4.877	4.865	0.012	89	577683	48.9	
13 Vinyl chloride	62	5.126	5.114	0.012	83	564648	50.2	
14 Bromomethane	94	5.719	5.719	0.0	92	327176	49.1	
15 Chloroethane	64	5.873	5.861	0.012	95	344417	51.1	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	85	648776	51.0	
20 Acrolein	56	6.763	6.751	0.012	96	527322	1075.7	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.798	6.798	0.0	84	379774	52.7	
22 1,1-Dichloroethene	96	6.869	6.858	0.011	84	370090	50.6	
23 Acetone	43	6.917	6.905	0.012	98	715404	245.4	
25 Iodomethane	142	7.095	7.095	0.0	97	463629	52.2	
26 Carbon disulfide	76	7.190	7.178	0.012	89	1160311	51.0	
27 Methyl acetate	43	7.213	7.201	0.012	92	551870	51.2	
29 Acetonitrile	40	7.249	7.237	0.012	99	1337519	1926.8	
30 Methylene Chloride	84	7.379	7.379	0.0	95	462574	47.1	
32 Methyl tert-butyl ether	73	7.569	7.557	0.012	88	1227410	53.8	
33 Acrylonitrile	53	7.616	7.617	-0.001	97	915683	266.1	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	91	418030	50.8	
37 Vinyl acetate	43	7.960	7.960	0.0	97	3812640	275.5	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	85	829041	50.5	
43 2-Butanone (MEK)	43	8.470	8.470	0.0	94	1062893	261.9	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	58	572108	50.2	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	74	458797	52.6	
48 Chlorobromomethane	128	8.743	8.743	0.0	91	230514	52.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	89	684774	268.3	
50 Chloroform	83	8.755	8.755	0.0	82	772420	48.8	
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	89	665960	52.5	
52 Cyclohexane	56	8.980	8.980	0.0	91	805609	55.1	
54 1,1-Dichloropropene	75	9.039	9.040	-0.001	90	561704	53.6	
55 Carbon tetrachloride	117	9.075	9.075	0.0	65	592556	52.8	
57 Benzene	78	9.241	9.241	0.0	96	1606834	51.1	
58 1,2-Dichloroethane	62	9.253	9.253	0.0	91	676294	50.7	
62 Trichloroethene	95	9.715	9.715	0.0	92	413553	50.1	
64 Methylcyclohexane	83	9.870	9.870	0.0	89	666659	55.0	
65 1,2-Dichloropropane	63	9.917	9.917	0.0	91	468597	52.2	
67 Dibromomethane	93	10.047	10.048	-0.001	85	271418	51.5	
68 Dichlorobromomethane	83	10.119	10.119	0.0	89	583542	53.1	
69 2-Chloroethyl vinyl ether	63	10.237	10.237	0.0	91	1305027	293.7	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	87	661861	55.3	
73 4-Methyl-2-pentanone (MIBK)	43	10.474	10.474	0.0	92	2256364	273.5	
74 Toluene	92	10.712	10.712	0.0	95	997976	51.9	
75 Ethyl methacrylate	69	10.783	10.783	0.0	91	499405	59.5	
77 trans-1,3-Dichloropropene	75	10.842	10.842	0.0	92	626857	54.5	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	89	318812	52.2	
80 2-Hexanone	43	11.115	11.115	0.0	91	1572396	279.3	
81 Tetrachloroethene	166	11.162	11.162	0.0	84	412851	52.4	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	92	650386	51.4	
83 Chlorodibromomethane	129	11.399	11.399	0.0	88	446004	54.1	
84 Ethylene Dibromide	107	11.530	11.530	0.0	97	389627	52.4	
87 Chlorobenzene	112	11.862	11.862	0.0	89	1108877	51.6	
88 Ethylbenzene	91	11.874	11.874	0.0	91	1936937	53.2	
89 1,1,1,2-Tetrachloroethane	131	11.897	11.897	0.0	74	424066	52.6	
90 m-Xylene & p-Xylene	106	11.945	11.945	0.0	99	1520211	108.3	
91 o-Xylene	106	12.301	12.301	0.0	91	743365	55.6	
92 Styrene	104	12.312	12.312	0.0	89	1216332	58.3	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	1934916	55.4	
95 Bromoform	173	12.585	12.585	0.0	83	277312	56.1	
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	87	518199	52.0	
98 trans-1,4-Dichloro-2-butene	53	12.882	12.882	0.0	85	814051	288.2	
99 N-Propylbenzene	91	12.917	12.917	0.0	69	2412226	54.7	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	70	161101	52.2	
101 Bromobenzene	156	12.977	12.977	-0.001	74	483224	52.5	
102 1,3,5-Trimethylbenzene	105	13.036	13.036	0.0	84	1664319	56.8	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	454646	53.8	
105 4-Chlorotoluene	126	13.178	13.178	0.0	99	461860	53.4	
106 tert-Butylbenzene	134	13.368	13.368	0.0	84	324860	57.1	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	74	1703044	56.3	
109 sec-Butylbenzene	105	13.569	13.569	0.0	95	2119221	56.4	
110 4-Isopropyltoluene	119	13.664	13.664	0.0	95	1697197	57.7	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	86	903732	51.8	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	83	938532	51.8	
115 n-Butylbenzene	91	14.079	14.079	0.0	98	1597080	56.3	
116 1,2-Dichlorobenzene	146	14.305	14.305	0.0	95	885950	51.7	
117 1,2-Dibromo-3-Chloropropane	75	15.182	15.182	0.0	70	99584	49.1	
119 1,2,4-Trichlorobenzene	180	16.238	16.238	0.0	91	606419	56.3	
120 Hexachlorobutadiene	225	16.344	16.344	0.0	95	253626	52.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.676	16.676	0.0	97	1624581	60.7	
122 1,2,3-Trichlorobenzene	180	17.044	17.044	0.0	93	579341	54.2	
S 125 1,2-Dichloroethene, Total	1				0		103.5	
S 126 1,3-Dichloropropene, Total	1				0		109.9	
S 123 Total BTEX	1				0		320.2	
S 124 Xylenes, Total	1				0		163.9	

Report Date: 21-Jul-2011 09:48:39

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12464.D

Injection Date: 20-Jul-2011 16:26:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973C

Lims Batch ID: 24235

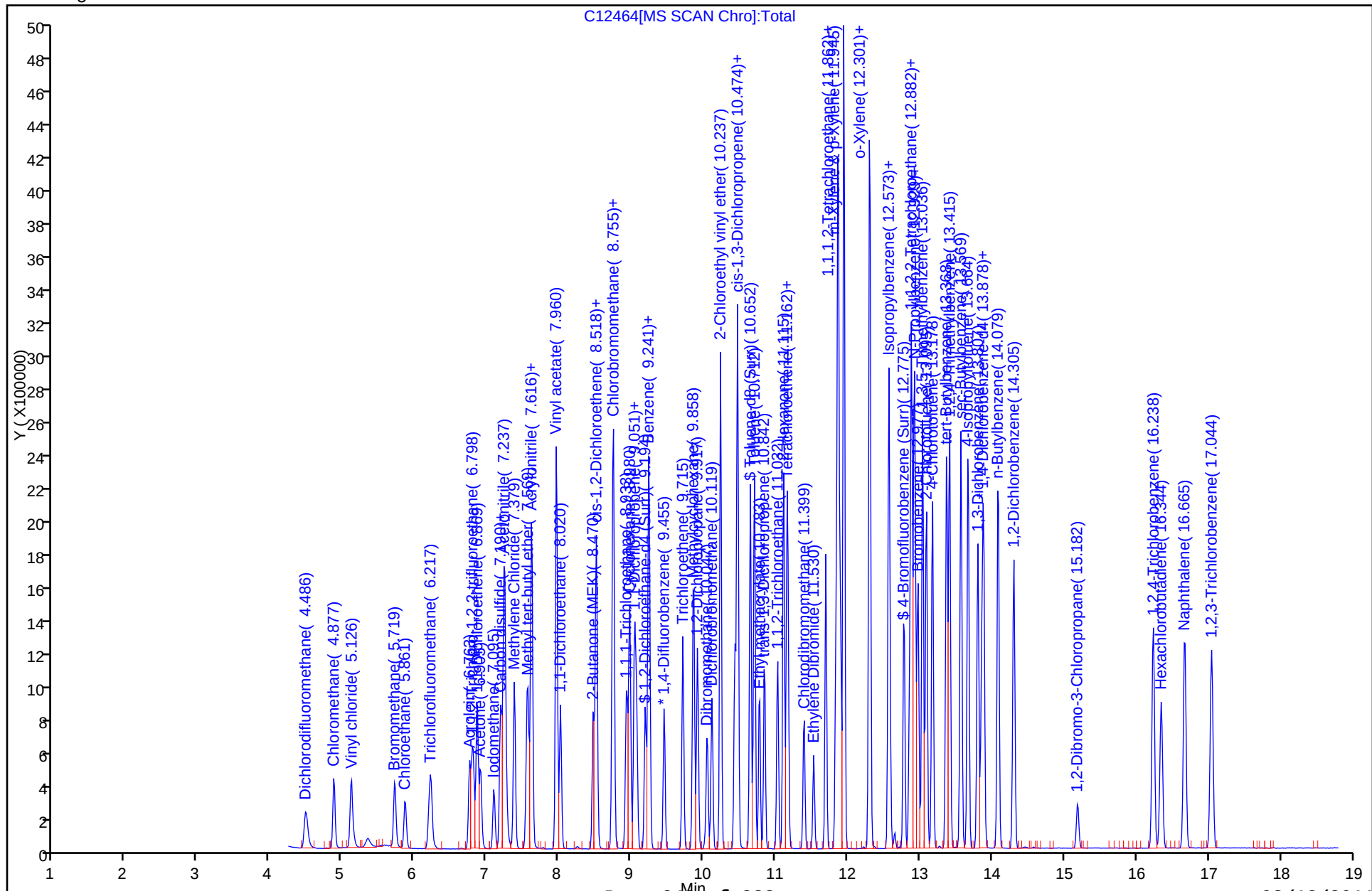
Lims Sample ID: 6

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12465.D
 Lims ID: STD-6 Client ID:
 Inject. Date: 20-Jul-2011 16:52:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 6
 Sample ID: STD-6
 Misc. Info.: 480-0004725-007
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 13
 Lims Batch ID: 24235 Lims Sample ID: 7
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C-8260.m
 Last Update: 21-Jul-2011 09:48:41 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 20-Jul-2011 17:44:26

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.454	0.001	96	663942	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	57	366509	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	95	344325	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	517395	103.2	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	2862638	101.4	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	85	873276	103.8	
10 Dichlorodifluoromethane	85	4.486	4.486	0.0	87	963517	102.7	
12 Chloromethane	50	4.877	4.865	0.012	88	1150486	96.6	
13 Vinyl chloride	62	5.114	5.114	0.0	99	1140628	99.9	
14 Bromomethane	94	5.719	5.719	0.0	92	661168	98.2	
15 Chloroethane	64	5.862	5.861	0.001	95	666372	97.9	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	86	1314692	101.5	
20 Acrolein	56	6.751	6.751	0.0	97	1066605	2118.7	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.798	6.798	0.0	78	751321	102.3	
22 1,1-Dichloroethene	96	6.858	6.858	0.0	84	755297	101.5	
23 Acetone	43	6.905	6.905	0.0	98	1424760	484.5	
25 Iodomethane	142	7.095	7.095	0.0	97	929071	102.6	
26 Carbon disulfide	76	7.190	7.178	0.012	89	2326904	100.7	
27 Methyl acetate	43	7.202	7.201	0.001	90	1123746	102.2	
29 Acetonitrile	40	7.237	7.237	0.0	99	2632784	3779.0	
30 Methylene Chloride	84	7.379	7.379	0.0	94	924846	93.9	
32 Methyl tert-butyl ether	73	7.557	7.557	0.0	87	2498959	106.5	
33 Acrylonitrile	53	7.617	7.617	0.0	97	1813000	516.0	
34 trans-1,2-Dichloroethene	96	7.617	7.628	-0.011	93	849613	101.5	
37 Vinyl acetate	43	7.960	7.960	0.0	97	7428501	523.9	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	85	1639943	98.7	
43 2-Butanone (MEK)	43	8.470	8.470	0.0	94	2152056	518.7	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	55	1134039	98.4	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	74	921844	103.5	
48 Chlorobromomethane	128	8.743	8.743	0.0	79	462971	103.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	88	1392512	531.0	
50 Chloroform	83	8.755	8.755	0.0	79	1537122	96.4	
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	89	1332272	102.9	
52 Cyclohexane	56	8.980	8.980	0.0	91	1639046	108.5	
54 1,1-Dichloropropene	75	9.040	9.040	0.0	90	1150052	106.6	
55 Carbon tetrachloride	117	9.075	9.075	0.0	65	1206669	105.0	
57 Benzene	78	9.241	9.241	0.0	96	3240574	101.3	
58 1,2-Dichloroethane	62	9.253	9.253	0.0	90	1342690	99.3	
62 Trichloroethene	95	9.716	9.715	0.001	93	841397	100.4	
64 Methylcyclohexane	83	9.858	9.870	-0.012	94	1377146	109.8	
65 1,2-Dichloropropane	63	9.917	9.917	0.0	91	940866	102.7	
67 Dibromomethane	93	10.048	10.048	0.0	85	549136	102.2	
68 Dichlorobromomethane	83	10.119	10.119	0.0	89	1189168	105.5	
69 2-Chloroethyl vinyl ether	63	10.237	10.237	0.0	92	2690746	578.1	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	88	1356474	109.6	
73 4-Methyl-2-pentanone (MIBK)	43	10.474	10.474	0.0	92	4558683	531.5	
74 Toluene	92	10.712	10.712	0.0	96	2037425	102.7	
75 Ethyl methacrylate	69	10.771	10.783	-0.012	91	1056826	104.2	
77 trans-1,3-Dichloropropene	75	10.842	10.842	0.0	91	1292383	107.8	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	89	647970	102.9	
80 2-Hexanone	43	11.115	11.115	0.0	91	3217891	546.4	
81 Tetrachloroethene	166	11.162	11.162	0.0	84	830227	102.3	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	91	1322297	101.5	
83 Chlorodibromomethane	129	11.399	11.399	0.0	88	930867	108.2	
84 Ethylene Dibromide	107	11.530	11.530	0.0	98	789619	102.8	
87 Chlorobenzene	112	11.862	11.862	0.0	89	2247326	101.6	
88 Ethylbenzene	91	11.874	11.874	0.0	97	3914739	103.9	
89 1,1,1,2-Tetrachloroethane	131	11.897	11.897	0.0	72	863845	103.6	
90 m-Xylene & p-Xylene	106	11.945	11.945	0.0	98	3103253	212.6	
91 o-Xylene	106	12.301	12.301	0.0	89	1532573	109.6	
92 Styrene	104	12.313	12.312	0.001	90	2570704	116.1	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	4001112	108.7	
95 Bromoform	173	12.585	12.585	0.0	74	584143	112.3	
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	87	1055720	102.0	
98 trans-1,4-Dichloro-2-butene	53	12.882	12.882	0.0	86	1691026	563.8	
99 N-Propylbenzene	91	12.917	12.917	0.0	69	4884593	105.8	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	64	328345	102.3	
101 Bromobenzene	156	12.977	12.977	0.0	74	975755	102.1	
102 1,3,5-Trimethylbenzene	105	13.036	13.036	0.0	84	3419759	110.5	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	918840	104.2	
105 4-Chlorotoluene	126	13.178	13.178	0.0	99	958961	105.9	
106 tert-Butylbenzene	134	13.368	13.368	0.0	80	682029	112.9	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	74	3522777	110.2	
109 sec-Butylbenzene	105	13.570	13.569	0.001	95	4382160	110.4	
110 4-Isopropyltoluene	119	13.664	13.664	0.0	95	3519270	112.6	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	89	1859524	102.5	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	93	1926306	102.2	
115 n-Butylbenzene	91	14.079	14.079	0.0	98	3321255	110.7	
116 1,2-Dichlorobenzene	146	14.305	14.305	0.0	95	1809411	101.6	
117 1,2-Dibromo-3-Chloropropane	75	15.182	15.182	0.0	77	204525	97.8	
119 1,2,4-Trichlorobenzene	180	16.238	16.238	0.0	91	1264264	111.0	
120 Hexachlorobutadiene	225	16.344	16.344	0.0	94	530958	105.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.676	16.676	0.0	98	3466673	104.9	
122 1,2,3-Trichlorobenzene	180	17.044	17.044	0.0	92	1214809	108.0	
S 125 1,2-Dichloroethene, Total	1				0		205.0	
S 126 1,3-Dichloropropene, Total	1				0		217.4	
S 123 Total BTEX	1				0		630.2	
S 124 Xylenes, Total	1				0		322.2	

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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24423

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 11:44 Calibration End Date: 07/21/2011 13:41 Calibration ID: 3274

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-24423/2	N9300.D
Level 2	STD 480-24423/3	N9301.D
Level 3	STD 480-24423/4	N9302.D
Level 4	STD 480-24423/5	N9303.D
Level 5	STD 480-24423/6	N9304.D
Level 6	STD 480-24423/7	N9305.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	0.1901 0.2226	0.2348	0.2092	0.2419	0.2289	Ave		0.2213				8.5		15.0			
Chloromethane	0.2425 0.2128	0.2368	0.1952	0.2235	0.2142	Ave		0.2208			0.1000	7.8		15.0			
Vinyl chloride	0.1952 0.2097	0.2159	0.1973	0.2231	0.2192	Ave		0.2101				5.5		30.0			
Bromomethane	0.1800 0.1345	0.1652	0.1444	0.1452	0.1399	Ave		0.1515				11.0		15.0			
Chloroethane	0.1185 0.1240	0.1350	0.1135	0.1284	0.1312	Ave		0.1251				6.5		15.0			
Trichlorofluoromethane	0.1382 0.2856	0.2354	0.2250	0.2759	0.2855	Lin1F		0.2791							0.9950		0.9900
Acrolein	0.0103 0.0124	0.0110	0.0112	0.0120	0.0122	Ave		0.0115				6.9		15.0			
1,1-Dichloroethene	0.2481 0.2438	0.2671	0.2434	0.2625	0.2575	Ave		0.2537				4.0		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1618 0.1949	0.1980	0.1946	0.2088	0.2104	Ave		0.1948				9.0		15.0			
Acetone	0.0871 0.0791	0.0811	0.0751	0.0807	0.0775	Ave		0.0801				5.1		15.0			
Iodomethane	0.2544 0.2632	0.2772	0.2585	0.2748	0.2721	Ave		0.2667				3.5		15.0			
Carbon disulfide	0.4409 0.5432	0.5103	0.4911	0.5633	0.5641	Ave		0.5188				9.3		15.0			
Methyl acetate	0.2796 0.2968	0.2791	0.2892	0.2907	0.2852	Ave		0.2868				2.4		15.0			
Acetonitrile	0.0146 0.0137	0.0116	0.0127	0.0135	0.0118	Ave		0.0130				9.0		15.0			
Methylene Chloride	0.3830 0.2558	0.2963	0.2615	0.2671	0.2611	Lin1F		0.2607							0.9980		0.9900

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24423

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 11:44 Calibration End Date: 07/21/2011 13:41 Calibration ID: 3274

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								
trans-1,2-Dichloroethene	0.2325 0.2552	0.2715	0.2422	0.2660	0.2623	Ave		0.2549				5.9		15.0			
Methyl tert-butyl ether	0.7695 0.8314	0.8220	0.7893	0.8473	0.8352	Ave		0.8158				3.7		15.0			
Acrylonitrile	0.0774 0.0898	0.0862	0.0849	0.0915	0.0897	Ave		0.0866				5.9		15.0			
1,1-Dichloroethane	0.4010 0.4564	0.4666	0.4402	0.4661	0.4623	Ave		0.4488			0.1000	5.7		15.0			
Vinyl acetate	0.3073 0.4051	0.3560	0.3680	0.4121	0.4195	Ave		0.3780				11.0		15.0			
2,2-Dichloropropane	0.2215 0.2830	0.2665	0.2373	0.2772	0.2906	Ave		0.2627				10.0		15.0			
cis-1,2-Dichloroethene	0.2552 0.2915	0.2968	0.2783	0.2965	0.2937	Ave		0.2853				5.7		15.0			
2-Butanone (MEK)	0.1019 0.1230	0.1108	0.1179	0.1246	0.1217	Ave		0.1166				7.5		15.0			
Bromochloromethane	0.1074 0.1404	0.1364	0.1360	0.1416	0.1380	Ave		0.1333				9.7		15.0			
Tetrahydrofuran	0.0643 0.0768	0.0724	0.0726	0.0772	0.0756	Ave		0.0732				6.6		15.0			
Chloroform	0.5249 0.4744	0.5047	0.4604	0.4866	0.4781	Ave		0.4882				4.7		30.0			
1,1,1-Trichloroethane	0.2003 0.3037	0.2633	0.2350	0.2832	0.2972	Ave		0.2638				15.0		15.0			
Cyclohexane	0.3125 0.3698	0.3498	0.3389	0.3889	0.3863	Ave		0.3577				8.3		15.0			
Carbon tetrachloride	0.1742 0.3047	0.2436	0.2238	0.2751	0.2957	Lin1F		0.2919							0.9930		0.9900
1,1-Dichloropropene	0.3153 0.3867	0.3937	0.3668	0.4009	0.3984	Ave		0.3770				8.6		15.0			
Benzene	1.0380 1.0890	1.1578	1.0872	1.1515	1.1154	Ave		1.1065				4.1		15.0			
1,2-Dichloroethane	0.3291 0.3851	0.3949	0.3727	0.4021	0.3893	Ave		0.3789				6.9		15.0			
Trichloroethene	0.2477 0.2780	0.2927	0.2614	0.2884	0.2829	Ave		0.2752				6.3		15.0			
Methylcyclohexane	0.3881 0.4380	0.4127	0.4161	0.4649	0.4572	Ave		0.4295				6.8		15.0			
1,2-Dichloropropane	0.2227 0.2556	0.2562	0.2455	0.2602	0.2563	Ave		0.2494				5.6		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 EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24423

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 11:44 Calibration End Date: 07/21/2011 13:41 Calibration ID: 3274

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	0.1379 0.1605	0.1612	0.1542	0.1609	0.1600	Ave		0.1558				5.9		15.0			
Bromodichloromethane	0.2988 0.3653	0.3272	0.3240	0.3533	0.3613	Ave		0.3383				7.7		15.0			
2-Chloroethyl vinyl ether	0.1394 0.1749	0.1682	0.1672	0.1790	0.1793	Ave		0.1680				8.9		15.0			
cis-1,3-Dichloropropene	0.3454 0.4586	0.3976	0.4023	0.4487	0.4500	Ave		0.4171				10.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.2316 0.2836	0.2645	0.2743	0.2897	0.2860	Ave		0.2716				8.0		15.0			
Toluene	0.7459 0.8168	0.8543	0.8069	0.8467	0.8300	Ave		0.8168				4.8		30.0			
trans-1,3-Dichloropropene	0.3366 0.5019	0.4049	0.4005	0.4620	0.4842	Ave		0.4317				14.0		15.0			
Ethyl methacrylate	0.2787 0.4525	0.3368	0.3627	0.4153	0.4356	Lin1F		0.4345							0.9950		0.9900
1,1,2-Trichloroethane	0.2024 0.2364	0.2357	0.2195	0.2399	0.2344	Ave		0.2280				6.3		15.0			
Tetrachloroethene	0.2867 0.3266	0.3392	0.3163	0.3378	0.3322	Ave		0.3231				6.1		15.0			
1,3-Dichloropropane	0.4493 0.5046	0.4938	0.4774	0.5082	0.5039	Ave		0.4895				4.6		15.0			
2-Hexanone	0.1676 0.2112	0.1914	0.1963	0.2094	0.2071	Ave		0.1972				8.3		15.0			
Dibromochloromethane	0.1865 0.3118	0.2515	0.2429	0.2803	0.2982	Lin1F		0.2983							0.9950		0.9900
1,2-Dibromoethane	0.2426 0.3019	0.2813	0.2753	0.2985	0.2981	Ave		0.2830				7.9		15.0			
Chlorobenzene	0.8579 0.9013	0.9764	0.9097	0.9444	0.9254	Ave		0.9192			0.3000	4.4		15.0			
1,1,1,2-Tetrachloroethane	0.2042 0.2987	0.2476	0.2461	0.2814	0.2951	Ave		0.2622				14.0		15.0			
Ethylbenzene	1.4213 1.4856	1.6142	1.5182	1.5837	1.5521	Ave		1.5292				4.6		30.0			
m,p-Xylene	0.5416 0.5940	0.6494	0.6044	0.6349	0.6143	Ave		0.6064				6.2		15.0			
o-Xylene	0.5361 0.5915	0.5902	0.5743	0.6080	0.6007	Ave		0.5835				4.4		15.0			
Styrene	0.8760 1.0576	1.0758	1.0267	1.1008	1.0866	Ave		1.0372				8.0		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 EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24423

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 11:44 Calibration End Date: 07/21/2011 13:41 Calibration ID: 3274

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	0.1047 0.1922	0.1330	0.1352	0.1630	0.1787	Lin1F		0.1798			0.1000				0.9900		0.9900
Isopropylbenzene	2.4482 2.8281	3.0149	2.8216	2.9902	2.9202	Ave		2.8372				7.3		15.0			
Bromobenzene	0.6571 0.7087	0.7201	0.6869	0.7176	0.7135	Ave		0.7006				3.5		15.0			
1,1,2,2-Tetrachloroethane	0.5974 0.7016	0.6884	0.6477	0.6948	0.6896	Ave		0.6699			0.3000	6.0		15.0			
1,2,3-Trichloropropane	0.2161 0.2185	0.2169	0.2048	0.2247	0.2186	Ave		0.2166				3.0		15.0			
N-Propylbenzene	2.8960 3.3463	3.5503	3.3451	3.5939	3.5121	Ave		3.3740				7.6		15.0			
trans-1,4-Dichloro-2-butene	0.1313 0.2021	0.1584	0.1668	0.1908	0.1971	Lin1F		0.1960							0.9960		0.9900
2-Chlorotoluene	0.5612 0.6742	0.7114	0.6777	0.6925	0.6790	Ave		0.6660				8.0		15.0			
1,3,5-Trimethylbenzene	2.1337 2.3493	2.4951	2.3877	2.5130	2.4423	Ave		2.3869				5.8		15.0			
4-Chlorotoluene	2.2480 2.3365	2.5106	2.3705	2.4521	2.3924	Ave		2.3850				3.8		15.0			
tert-Butylbenzene	0.4382 0.5335	0.5382	0.5131	0.5475	0.5268	Ave		0.5162				7.7		15.0			
1,2,4-Trimethylbenzene	2.0932 2.4341	2.6262	2.4300	2.5759	2.4858	Ave		2.4409				7.7		15.0			
sec-Butylbenzene	2.6776 2.9939	3.2576	3.0546	3.2544	3.1413	Ave		3.0632				7.1		15.0			
1,3-Dichlorobenzene	1.2469 1.3810	1.4329	1.3497	1.4201	1.4086	Ave		1.3732				5.0		15.0			
4-Isopropyltoluene	2.1926 2.5288	2.6798	2.5579	2.7112	2.6697	Ave		2.5567				7.5		15.0			
1,4-Dichlorobenzene	1.3962 1.4072	1.5161	1.4212	1.4680	1.4411	Ave		1.4416				3.1		15.0			
n-Butylbenzene	1.9714 2.3577	2.4568	2.3014	2.5025	2.4561	Ave		2.3410				8.4		15.0			
1,2-Dichlorobenzene	1.2475 1.2877	1.4052	1.2846	1.3476	1.3129	Ave		1.3142				4.2		15.0			
1,2-Dibromo-3-Chloropropane	0.0672 0.1347	0.1038	0.1031	0.1252	0.1294	Lin1F		0.1293							0.9940		0.9900
1,2,4-Trichlorobenzene	0.7452 0.9200	0.9140	0.8702	0.9514	0.9325	Ave		0.8889				8.5		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 EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24423

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 11:44 Calibration End Date: 07/21/2011 13:41 Calibration ID: 3274

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	0.3897 0.4223	0.4566	0.4058	0.4599	0.4383	Ave		0.4288				6.5		15.0			
Naphthalene	1.4781 2.2511	2.0726	2.0725	2.3475	2.3066	Ave		2.0881				15.0		15.0			
1,2,3-Trichlorobenzene	0.6310 0.8034	0.7994	0.7636	0.8363	0.8224	Ave		0.7760				9.7		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2870 0.3190	0.3111	0.3039	0.3474	0.3287	Ave		0.3162				6.6		15.0			
Toluene-d8 (Surr)	1.0098 1.1308	1.0826	1.0725	1.2899	1.1831	Ave		1.1281				8.7		15.0			
4-Bromofluorobenzene (Surr)	0.3256 0.3554	0.3239	0.3488	0.3920	0.3657	Ave		0.3519				7.3		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.: 480-7718-1 Analy Batch No.: 24423

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 11:44 Calibration End Date: 07/21/2011 13:41 Calibration ID: 3274

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-24423/2	N9300.D
Level 2	STD 480-24423/3	N9301.D
Level 3	STD 480-24423/4	N9302.D
Level 4	STD 480-24423/5	N9303.D
Level 5	STD 480-24423/6	N9304.D
Level 6	STD 480-24423/7	N9305.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	6143 739039	37771	68969	195057	379321	1.00 100	5.00	10.0	25.0	50.0
Chloromethane	DFB	Ave	7836 706431	38086	64351	180218	354920	1.00 100	5.00	10.0	25.0	50.0
Vinyl chloride	DFB	Ave	6308 695918	34722	65051	179901	363263	1.00 100	5.00	10.0	25.0	50.0
Bromomethane	DFB	Ave	5816 446573	26575	47593	117112	231783	1.00 100	5.00	10.0	25.0	50.0
Chloroethane	DFB	Ave	3829 411544	21714	37409	103544	217464	1.00 100	5.00	10.0	25.0	50.0
Trichlorofluoromethane	DFB	Lin1F	4466 948003	37867	74158	222547	473157	1.00 100	5.00	10.0	25.0	50.0
Acrolein	DFB	Ave	6674 822555	35349	74159	192894	404413	20.0 2000	100	200	500	1000
1,1-Dichloroethene	DFB	Ave	8016 809152	42964	80223	211687	426690	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	DFB	Ave	5228 647045	31839	64144	168430	348683	1.00 100	5.00	10.0	25.0	50.0
Acetone	DFB	Ave	14077 1312533	65230	123838	325513	642146	5.00 500	25.0	50.0	125	250
Iodomethane	DFB	Ave	8219 873607	44576	85209	221658	450827	1.00 100	5.00	10.0	25.0	50.0
Carbon disulfide	DFB	Ave	14246 1803138	82080	161875	454284	934766	1.00 100	5.00	10.0	25.0	50.0
Methyl acetate	DFB	Ave	9033 985017	44897	95327	234484	472536	1.00 100	5.00	10.0	25.0	50.0
Acetonitrile	DFB	Ave	18866 1813510	74526	167654	436786	783254	40.0 4000	200	400	1000	2000
Methylene Chloride	DFB	Lin1F	12375 849152	47662	86205	215430	432642	1.00 100	5.00	10.0	25.0	50.0
trans-1,2-Dichloroethene	DFB	Ave	7512 847110	43659	79851	214485	434642	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.: 480-7718-1 Analy Batch No.: 24423

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 11:44 Calibration End Date: 07/21/2011 13:41 Calibration ID: 3274

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
Methyl tert-butyl ether	DFB	Ave	24863 2759679	132201	260181	683369	1384051	1.00 100	5.00	10.0	25.0	50.0
Acrylonitrile	DFB	Ave	12508 1489623	69285	139934	368842	743052	5.00 500	25.0	50.0	125	250
1,1-Dichloroethane	DFB	Ave	12956 1514824	75047	145108	375877	766101	1.00 100	5.00	10.0	25.0	50.0
Vinyl acetate	DFB	Ave	49648 6723588	286303	606470	1661949	3475329	5.00 500	25.0	50.0	125	250
2,2-Dichloropropane	DFB	Ave	7157 939334	42857	78211	223561	481609	1.00 100	5.00	10.0	25.0	50.0
cis-1,2-Dichloroethene	DFB	Ave	8247 967686	47735	91729	239142	486733	1.00 100	5.00	10.0	25.0	50.0
2-Butanone (MEK)	DFB	Ave	16463 2041258	89123	194282	502470	1008181	5.00 500	25.0	50.0	125	250
Bromochloromethane	DFB	Ave	3469 466159	21938	44827	114230	228699	1.00 100	5.00	10.0	25.0	50.0
Tetrahydrofuran	DFB	Ave	10381 1274860	58236	119696	311447	626719	5.00 500	25.0	50.0	125	250
Chloroform	DFB	Ave	16961 1574706	81167	151771	392436	792243	1.00 100	5.00	10.0	25.0	50.0
1,1,1-Trichloroethane	DFB	Ave	6472 1007915	42355	77456	228429	492427	1.00 100	5.00	10.0	25.0	50.0
Cyclohexane	DFB	Ave	10099 1227372	56259	111701	313628	640190	1.00 100	5.00	10.0	25.0	50.0
Carbon tetrachloride	DFB	Lin1F	5629 1011374	39173	73788	221841	489984	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloropropene	DFB	Ave	10188 1283625	63326	120897	323328	660099	1.00 100	5.00	10.0	25.0	50.0
Benzene	DFB	Ave	33539 3614807	186222	358376	928671	1848229	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane	DFB	Ave	10634 1278250	63522	122871	324297	645167	1.00 100	5.00	10.0	25.0	50.0
Trichloroethene	DFB	Ave	8005 922651	47080	86180	232623	468745	1.00 100	5.00	10.0	25.0	50.0
Methylcyclohexane	DFB	Ave	12541 1453779	66372	137169	374953	757565	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloropropane	DFB	Ave	7195 848426	41211	80929	209861	424667	1.00 100	5.00	10.0	25.0	50.0
Dibromomethane	DFB	Ave	4455 532897	25931	50823	129762	265089	1.00 100	5.00	10.0	25.0	50.0
Bromodichloromethane	DFB	Ave	9655 1212382	52620	106807	284905	598652	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.: 480-7718-1 Analy Batch No.: 24423

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 11:44 Calibration End Date: 07/21/2011 13:41 Calibration ID: 3274

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	22524 2903536	135278	275556	721929	1485932	5.00 500	25.0	50.0	125	250
cis-1,3-Dichloropropene	DFB	Ave	11161 1522314	63942	132608	361874	745732	1.00 100	5.00	10.0	25.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	32737 4066257	186709	393364	1027246	2070744	5.00 500	25.0	50.0	125	250
Toluene	CBZ	Ave	21088 2342028	120633	231380	600402	1201891	1.00 100	5.00	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	9516 1439026	57178	114856	327592	701189	1.00 100	5.00	10.0	25.0	50.0
Ethyl methacrylate	CBZ	Lin1F	7879 1297283	47562	104012	294513	630761	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	5721 677827	33276	62933	170129	339452	1.00 100	5.00	10.0	25.0	50.0
Tetrachloroethene	CBZ	Ave	8105 936436	47901	90706	239516	481105	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichloropropane	CBZ	Ave	12702 1446852	69723	136902	360374	729710	1.00 100	5.00	10.0	25.0	50.0
2-Hexanone	CBZ	Ave	23695 3027119	135137	281493	742301	1499706	5.00 500	25.0	50.0	125	250
Dibromochloromethane	CBZ	Lin1F	5272 894125	35519	69645	198728	431768	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromoethane	CBZ	Ave	6860 865620	39718	78950	211685	431711	1.00 100	5.00	10.0	25.0	50.0
Chlorobenzene	CBZ	Ave	24254 2584269	137873	260859	669681	1340077	1.00 100	5.00	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	5773 856432	34964	70566	199568	427320	1.00 100	5.00	10.0	25.0	50.0
Ethylbenzene	CBZ	Ave	40185 4259493	227934	435370	1122980	2247569	1.00 100	5.00	10.0	25.0	50.0
m,p-Xylene	CBZ	Ave	30623 3406397	183389	346634	900333	1779296	2.00 200	10.0	20.0	50.0	100
o-Xylene	CBZ	Ave	15157 1696059	83344	164683	431129	869928	1.00 100	5.00	10.0	25.0	50.0
Styrene	CBZ	Ave	24767 3032294	151906	294423	780565	1573506	1.00 100	5.00	10.0	25.0	50.0
Bromoform	CBZ	Lin1F	2959 551093	18776	38776	115553	258714	1.00 100	5.00	10.0	25.0	50.0
Isopropylbenzene	DCB	Ave	36121 4307368	225409	431152	1139872	2275272	1.00 100	5.00	10.0	25.0	50.0
Bromobenzene	DCB	Ave	9695 1079383	53836	104958	273550	555951	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.: 480-7718-1 Analy Batch No.: 24423

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 11:44 Calibration End Date: 07/21/2011 13:41 Calibration ID: 3274

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	8814 1068612	51472	98971	264867	537334	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichloropropane	DCB	Ave	3188 332716	16219	31291	85657	170324	1.00 100	5.00	10.0	25.0	50.0
N-Propylbenzene	DCB	Ave	42727 5096662	265441	511134	1370030	2736436	1.00 100	5.00	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Lin1F	9686 1538998	59224	127457	363762	767961	5.00 500	25.0	50.0	125	250
2-Chlorotoluene	DCB	Ave	8280 1026907	53191	103557	264000	529039	1.00 100	5.00	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	31481 3578100	186548	364845	957986	1902896	1.00 100	5.00	10.0	25.0	50.0
4-Chlorotoluene	DCB	Ave	33166 3558666	187706	362212	934764	1864059	1.00 100	5.00	10.0	25.0	50.0
tert-Butylbenzene	DCB	Ave	6465 812569	40236	78396	208699	410462	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	30883 3707249	196345	371313	981964	1936796	1.00 100	5.00	10.0	25.0	50.0
sec-Butylbenzene	DCB	Ave	39505 4559885	243554	466754	1240584	2447567	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichlorobenzene	DCB	Ave	18396 2103317	107130	206236	541365	1097499	1.00 100	5.00	10.0	25.0	50.0
4-Isopropyltoluene	DCB	Ave	32350 3851562	200359	390854	1033540	2080094	1.00 100	5.00	10.0	25.0	50.0
1,4-Dichlorobenzene	DCB	Ave	20600 2143306	113351	217158	559626	1122801	1.00 100	5.00	10.0	25.0	50.0
n-Butylbenzene	DCB	Ave	29085 3590922	183680	351658	953955	1913658	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichlorobenzene	DCB	Ave	18406 1961193	105061	196296	513698	1022917	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Lin1F	992 205213	7761	15748	47724	100829	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	10995 1401203	68332	132965	362669	726566	1.00 100	5.00	10.0	25.0	50.0
Hexachlorobutadiene	DCB	Ave	5750 643176	34137	62009	175298	341501	1.00 100	5.00	10.0	25.0	50.0
Naphthalene	DCB	Ave	21808 3428482	154961	316683	894895	1797175	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	9309 1223559	59766	116674	318807	640798	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFB	Ave	9273 1058918	50032	100190	280148	544737	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.: 480-7718-1 Analy Batch No.: 24423

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 11:44 Calibration End Date: 07/21/2011 13:41 Calibration ID: 3274

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	28551 3242278	152864	307550	914627	1713253	1.00 100	5.00	10.0	25.0	50.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	9205 1018983	45730	100029	277958	529511	1.00 100	5.00	10.0	25.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin1F = Linear 1/conc ISTD forced zero

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9300.D
 Lims ID: STD Client ID:
 Inject. Date: 21-Jul-2011 11:44:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 1
 Sample ID: STD
 Misc. Info.: 480-0004752-002
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 11
 Lims Batch ID: 24423 Lims Sample ID: 2
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N-8260.m
 Last Update: 22-Jul-2011 10:17:13 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 21-Jul-2011 14:12:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	90	807804	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	82	706813	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	92	368846	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	9273	0.9048	
\$ 6 Toluene-d8 (Surr)	98	5.972	5.972	0.0	59	28551	0.8782	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.667	8.661	0.006	54	9205	0.9074	
11 Dichlorodifluoromethane	85	1.020	1.020	0.0	1	6143	0.8802	
13 Chloromethane	50	1.081	1.093	-0.012	54	7836	1.04	
14 Vinyl chloride	62	1.160	1.166	-0.006	24	6308	0.9334	
15 Bromomethane	94	1.349	1.361	-0.012	68	5816	1.11	
16 Chloroethane	64	1.416	1.416	0.0	62	3829	0.9599	
18 Trichlorofluoromethane	101	1.616	1.629	-0.013	32	4466	0.6674	
20 Acrolein	56	1.963	1.939	0.024	1	6674	18.5	
22 1,1-Dichloroethene	96	1.988	2.000	-0.012	74	8016	0.9718	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.006	2.000	0.006	4	5228	0.8731	
23 Acetone	43	2.091	2.073	0.018	67	14077	5.19	
24 Iodomethane	142	2.103	2.115	-0.012	75	8219	0.9613	
25 Carbon disulfide	76	2.176	2.170	0.006	79	14246	0.8781	
28 Methyl acetate	43	2.346	2.322	0.024	73	9033	0.9804	
29 Acetonitrile	40	2.383	2.365	0.018	92	18866	41.5	
30 Methylene Chloride	84	2.420	2.419	0.001	60	12375	1.18	
33 trans-1,2-Dichloroethene	96	2.614	2.614	0.0	33	7512	0.9329	
32 Methyl tert-butyl ether	73	2.626	2.614	0.012	73	24863	0.9518	
34 Acrylonitrile	53	2.663	2.651	0.012	84	12508	4.58	
36 1,1-Dichloroethane	63	2.985	2.985	0.0	38	12956	0.9249	
39 Vinyl acetate	43	3.052	3.040	0.012	95	49648	4.27	
42 2,2-Dichloropropane	77	3.490	3.478	0.012	6	7157	0.8883	
43 cis-1,2-Dichloroethene	96	3.496	3.496	0.0	36	8247	0.9252	
44 2-Butanone (MEK)	43	3.575	3.545	0.030	84	16463	4.50	
47 Chlorobromomethane	128	3.721	3.715	0.006	66	3469	0.8623	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.794	3.746	0.048	54	10381	4.54	
50 Chloroform	83	3.807	3.800	0.007	71	16961	1.04	
51 1,1,1-Trichloroethane	97	3.892	3.910	-0.018	23	6472	0.8285	
52 Cyclohexane	56	3.916	3.928	-0.012	53	10099	0.8912	
53 Carbon tetrachloride	117	4.044	4.038	0.006	25	5629	0.7755	
54 1,1-Dichloropropene	75	4.044	4.044	0.0	61	10188	0.8805	
55 Benzene	78	4.232	4.232	0.0	90	33539	0.9481	
57 1,2-Dichloroethane	62	4.305	4.299	0.006	66	10634	0.9002	
60 Trichloroethene	95	4.835	4.829	0.006	69	8005	0.9241	
62 Methylcyclohexane	83	4.950	4.950	0.0	60	12541	0.9100	
63 1,2-Dichloropropane	63	5.060	5.054	0.006	59	7195	0.9222	
64 Dibromomethane	93	5.188	5.181	0.007	75	4455	0.9229	
67 Dichlorobromomethane	83	5.352	5.346	0.006	59	9655	0.9165	
69 2-Chloroethyl vinyl ether	63	5.638	5.638	0.0	80	22524	4.38	
71 cis-1,3-Dichloropropene	75	5.759	5.759	0.0	51	11161	0.8699	
72 4-Methyl-2-pentanone (MIBK)	43	5.924	5.917	0.007	84	32737	4.44	
73 Toluene	92	6.033	6.033	0.0	86	21088	0.9367	
75 trans-1,3-Dichloropropene	75	6.319	6.319	0.0	51	9516	0.8430	
77 Ethyl methacrylate	69	6.404	6.398	0.006	49	7879	0.8031	
78 1,1,2-Trichloroethane	83	6.502	6.495	0.007	56	5721	0.9150	
79 Tetrachloroethene	166	6.556	6.550	0.006	72	8105	0.9182	
80 1,3-Dichloropropane	76	6.648	6.648	0.0	65	12702	0.9384	
82 2-Hexanone	43	6.757	6.745	0.012	82	23695	4.45	
83 Chlorodibromomethane	129	6.873	6.879	-0.006	22	5272	0.7991	
84 Ethylene Dibromide	107	6.964	6.964	0.0	38	6860	0.8967	
85 Chlorobenzene	112	7.445	7.444	0.001	81	24254	0.9520	
88 Ethylbenzene	91	7.554	7.548	0.006	87	40185	0.9460	
89 1,1,1,2-Tetrachloroethane	131	7.554	7.548	0.006	10	5773	0.8409	
90 m-Xylene & p-Xylene	106	7.670	7.676	-0.006	99	30623	1.84	
91 o-Xylene	106	8.083	8.089	-0.006	68	15157	0.9372	
92 Styrene	104	8.120	8.120	0.0	69	24767	0.8863	
93 Bromoform	173	8.345	8.339	0.006	27	2959	0.7822	
95 Isopropylbenzene	105	8.479	8.479	0.0	77	36121	0.9004	
97 Bromobenzene	156	8.801	8.801	0.0	72	9695	0.9560	
98 1,1,2,2-Tetrachloroethane	83	8.892	8.892	0.0	51	8814	0.9246	
99 1,2,3-Trichloropropane	110	8.917	8.911	0.006	25	3188	0.9804	
100 N-Propylbenzene	91	8.917	8.917	0.0	91	42727	0.8925	
101 trans-1,4-Dichloro-2-butene	53	8.947	8.941	0.006	53	9686	4.08	
102 2-Chlorotoluene	126	9.008	9.008	0.0	86	8280	0.8952	
104 1,3,5-Trimethylbenzene	105	9.118	9.117	0.001	77	31481	0.9184	
105 4-Chlorotoluene	91	9.130	9.130	0.0	87	33166	0.9566	
106 tert-Butylbenzene	134	9.458	9.452	0.006	69	6465	0.8891	
108 1,2,4-Trimethylbenzene	105	9.513	9.513	0.0	80	30883	0.8966	
109 sec-Butylbenzene	105	9.683	9.683	0.0	64	39505	0.9028	
110 1,3-Dichlorobenzene	146	9.805	9.805	0.0	79	18396	0.9350	
111 4-Isopropyltoluene	119	9.841	9.841	0.0	81	32350	0.8942	
113 1,4-Dichlorobenzene	146	9.902	9.902	0.0	55	20600	0.9749	
115 n-Butylbenzene	91	10.249	10.249	0.0	83	29085	0.8813	
116 1,2-Dichlorobenzene	146	10.267	10.267	0.0	77	18406	0.9615	
117 1,2-Dibromo-3-Chloropropane	75	11.028	11.028	0.0	1	992	0.6988	
119 1,2,4-Trichlorobenzene	180	11.727	11.727	0.0	56	10995	0.8785	
120 Hexachlorobutadiene	225	11.861	11.855	0.006	55	5750	0.9175	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.934	11.934	0.0	77	21808	0.7727	
122 1,2,3-Trichlorobenzene	180	12.135	12.141	-0.006	65	9309	0.8600	
S 125 Total BTEX	1				0		5.61	
S 126 Xylenes, Total	1				0		2.78	
S 123 1,3-Dichloropropene, Total	1				0		1.71	
S 124 1,2-Dichloroethene, Total	1				0		1.86	

Report Date: 22-Jul-2011 10:17:13

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9300.D

Injection Date: 21-Jul-2011 11:44:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973N

Lims Batch ID: 24423

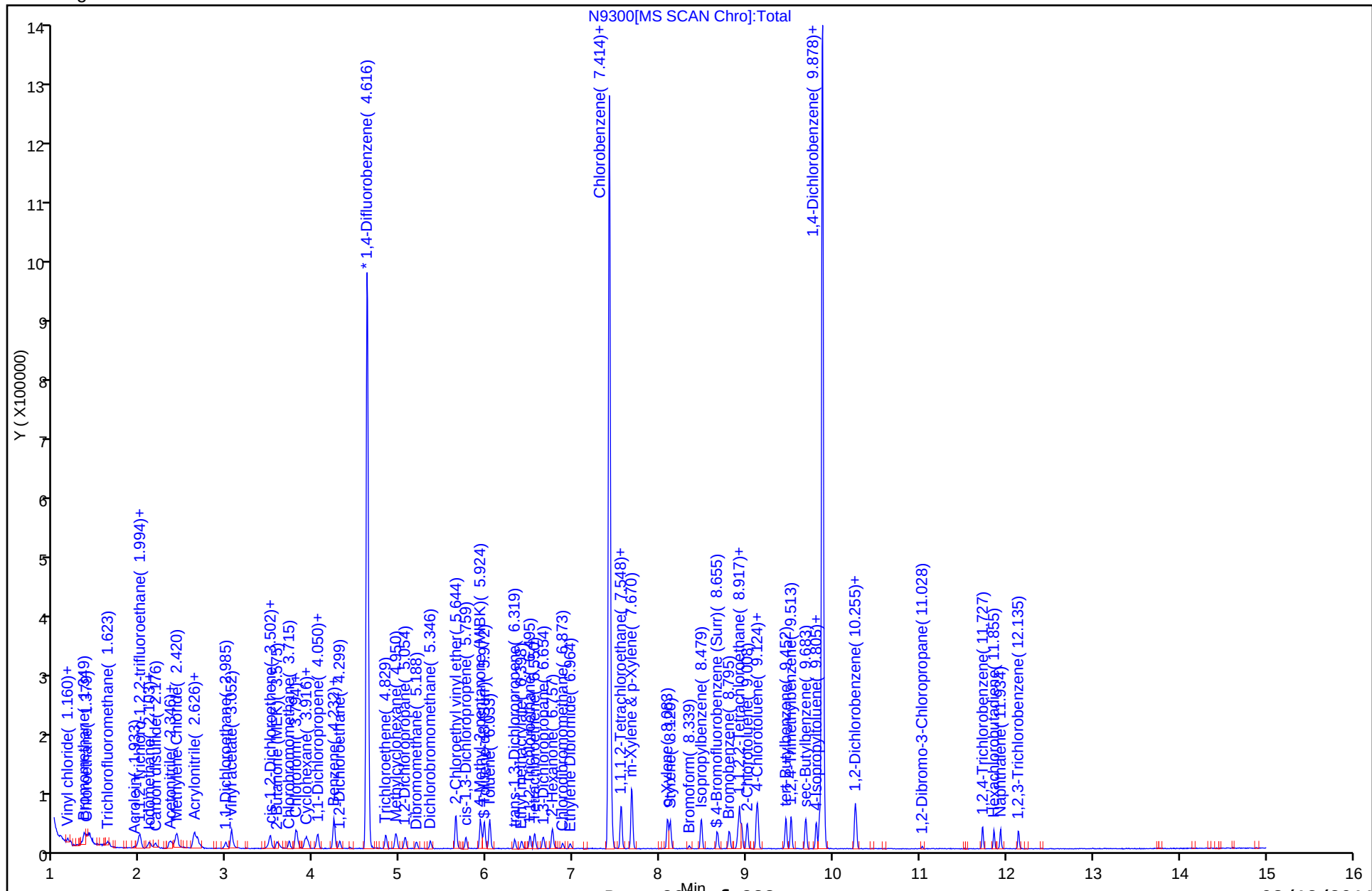
Lims Sample ID: 2

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9301.D
 Lims ID: STD-2 Client ID:
 Inject. Date: 21-Jul-2011 12:07:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 2
 Sample ID: STD-2
 Misc. Info.: 480-0004752-003
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 12
 Lims Batch ID: 24423 Lims Sample ID: 3
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N-8260.m
 Last Update: 22-Jul-2011 10:17:15 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 21-Jul-2011 14:13:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.622	4.616	0.006	91	804178	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	82	706021	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	89	373826	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.232	4.226	0.006	0	50032	4.94	
\$ 6 Toluene-d8 (Surr)	98	5.972	5.972	0.0	79	152864	4.80	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	81	45730	4.66	
11 Dichlorodifluoromethane	85	1.008	1.020	-0.012	57	37771	5.28	
13 Chloromethane	50	1.081	1.093	-0.012	88	38086	5.05	
14 Vinyl chloride	62	1.166	1.166	0.0	55	34722	5.11	
15 Bromomethane	94	1.361	1.361	0.0	81	26575	5.05	
16 Chloroethane	64	1.416	1.416	0.0	91	21714	5.30	
18 Trichlorofluoromethane	101	1.623	1.629	-0.006	79	37867	5.44	
20 Acrolein	56	1.933	1.939	-0.006	82	35349	99.1	
22 1,1-Dichloroethene	96	1.994	2.000	-0.006	86	42964	5.15	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.006	2.000	0.006	45	31839	5.22	
23 Acetone	43	2.079	2.073	0.006	92	65230	24.4	
24 Iodomethane	142	2.109	2.115	-0.006	95	44576	5.16	
25 Carbon disulfide	76	2.176	2.170	0.006	94	82080	5.05	
28 Methyl acetate	43	2.328	2.322	0.006	93	44897	4.93	
29 Acetonitrile	40	2.383	2.365	0.018	92	74526	175.0	
30 Methylene Chloride	84	2.419	2.419	0.0	77	47662	4.70	
33 trans-1,2-Dichloroethene	96	2.614	2.614	0.0	85	43659	5.29	
32 Methyl tert-butyl ether	73	2.620	2.614	0.006	87	132201	5.06	
34 Acrylonitrile	53	2.663	2.651	0.012	95	69285	25.3	
36 1,1-Dichloroethane	63	2.985	2.985	0.0	71	75047	5.25	
39 Vinyl acetate	43	3.046	3.040	0.006	97	286303	24.8	
42 2,2-Dichloropropane	77	3.484	3.478	0.006	58	42857	5.22	
43 cis-1,2-Dichloroethene	96	3.502	3.496	0.006	63	47735	5.25	
44 2-Butanone (MEK)	43	3.557	3.545	0.012	93	89123	24.6	
47 Chlorobromomethane	128	3.721	3.715	0.006	85	21938	5.31	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.764	3.746	0.018	78	58236	25.4	
50 Chloroform	83	3.800	3.800	0.0	75	81167	4.99	
51 1,1,1-Trichloroethane	97	3.910	3.910	0.0	83	42355	5.29	
52 Cyclohexane	56	3.934	3.928	0.006	87	56259	4.99	
53 Carbon tetrachloride	117	4.038	4.038	0.0	34	39173	5.27	
54 1,1-Dichloropropene	75	4.044	4.044	0.0	90	63326	5.32	
55 Benzene	78	4.238	4.232	0.006	93	186222	5.19	
57 1,2-Dichloroethane	62	4.299	4.299	0.0	89	63522	5.26	
60 Trichloroethene	95	4.829	4.829	0.0	89	47080	5.30	
62 Methylcyclohexane	83	4.950	4.950	0.0	88	66372	4.89	
63 1,2-Dichloropropane	63	5.060	5.054	0.006	90	41211	5.20	
64 Dibromomethane	93	5.187	5.181	0.006	83	25931	5.26	
67 Dichlorobromomethane	83	5.352	5.346	0.006	91	52620	5.01	
69 2-Chloroethyl vinyl ether	63	5.644	5.638	0.006	93	135278	25.9	
71 cis-1,3-Dichloropropene	75	5.759	5.759	0.0	79	63942	5.00	
72 4-Methyl-2-pentanone (MIBK)	43	5.924	5.917	0.007	84	186709	25.2	
73 Toluene	92	6.033	6.033	0.0	92	120633	5.24	
75 trans-1,3-Dichloropropene	75	6.319	6.319	0.0	86	57178	5.05	
77 Ethyl methacrylate	69	6.398	6.398	0.0	82	47562	4.90	
78 1,1,2-Trichloroethane	83	6.502	6.495	0.007	83	33276	5.21	
79 Tetrachloroethene	166	6.550	6.550	0.0	86	47901	5.28	
80 1,3-Dichloropropane	76	6.654	6.648	0.006	84	69723	5.10	
82 2-Hexanone	43	6.751	6.745	0.006	95	135137	25.3	
83 Chlorodibromomethane	129	6.879	6.879	0.0	78	35519	5.25	
84 Ethylene Dibromide	107	6.964	6.964	0.0	90	39718	5.13	
85 Chlorobenzene	112	7.445	7.444	0.0	89	137873	5.27	
88 Ethylbenzene	91	7.554	7.548	0.006	98	227934	5.24	
89 1,1,1,2-Tetrachloroethane	131	7.554	7.548	0.006	65	34964	5.07	
90 m-Xylene & p-Xylene	106	7.676	7.676	0.0	100	183389	10.7	
91 o-Xylene	106	8.089	8.089	0.0	78	83344	5.10	
92 Styrene	104	8.120	8.120	0.0	86	151906	5.29	
93 Bromoform	173	8.345	8.339	0.006	83	18776	4.98	
95 Isopropylbenzene	105	8.479	8.479	0.0	94	225409	5.35	
97 Bromobenzene	156	8.801	8.801	0.0	91	53836	5.16	
98 1,1,2,2-Tetrachloroethane	83	8.892	8.892	0.0	87	51472	5.21	
99 1,2,3-Trichloropropane	110	8.911	8.911	0.0	76	16219	4.95	
100 N-Propylbenzene	91	8.917	8.917	0.0	91	265441	5.30	
101 trans-1,4-Dichloro-2-butene	53	8.941	8.941	0.0	72	59224	24.7	
102 2-Chlorotoluene	126	9.008	9.008	0.0	95	53191	5.43	
104 1,3,5-Trimethylbenzene	105	9.117	9.117	0.0	90	186548	5.24	
105 4-Chlorotoluene	91	9.130	9.130	0.0	98	187706	5.22	
106 tert-Butylbenzene	134	9.458	9.452	0.006	89	40236	5.30	
108 1,2,4-Trimethylbenzene	105	9.513	9.513	0.0	90	196345	5.40	
109 sec-Butylbenzene	105	9.683	9.683	0.0	92	243554	5.32	
110 1,3-Dichlorobenzene	146	9.805	9.805	0.0	95	107130	5.24	
111 4-Isopropyltoluene	119	9.841	9.841	0.0	84	200359	5.30	
113 1,4-Dichlorobenzene	146	9.902	9.902	0.0	75	113351	5.19	
115 n-Butylbenzene	91	10.249	10.249	0.0	94	183680	5.32	
116 1,2-Dichlorobenzene	146	10.267	10.267	0.0	91	105061	5.27	
117 1,2-Dibromo-3-Chloropropane	75	11.028	11.028	0.0	43	7761	5.26	
119 1,2,4-Trichlorobenzene	180	11.727	11.727	0.0	92	68332	5.25	
120 Hexachlorobutadiene	225	11.855	11.855	0.0	90	34137	5.24	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.934	11.934	0.0	96	154961	5.27	
122 1,2,3-Trichlorobenzene	180	12.141	12.141	0.0	91	59766	5.29	
S 125 Total BTEX	1				0		31.4	
S 126 Xylenes, Total	1				0		15.8	
S 123 1,3-Dichloropropene, Total	1				0		10.1	
S 124 1,2-Dichloroethene, Total	1				0		10.5	

Report Date: 22-Jul-2011 10:17:16

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9301.D

Injection Date: 21-Jul-2011 12:07:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973N

Lims Batch ID: 24423

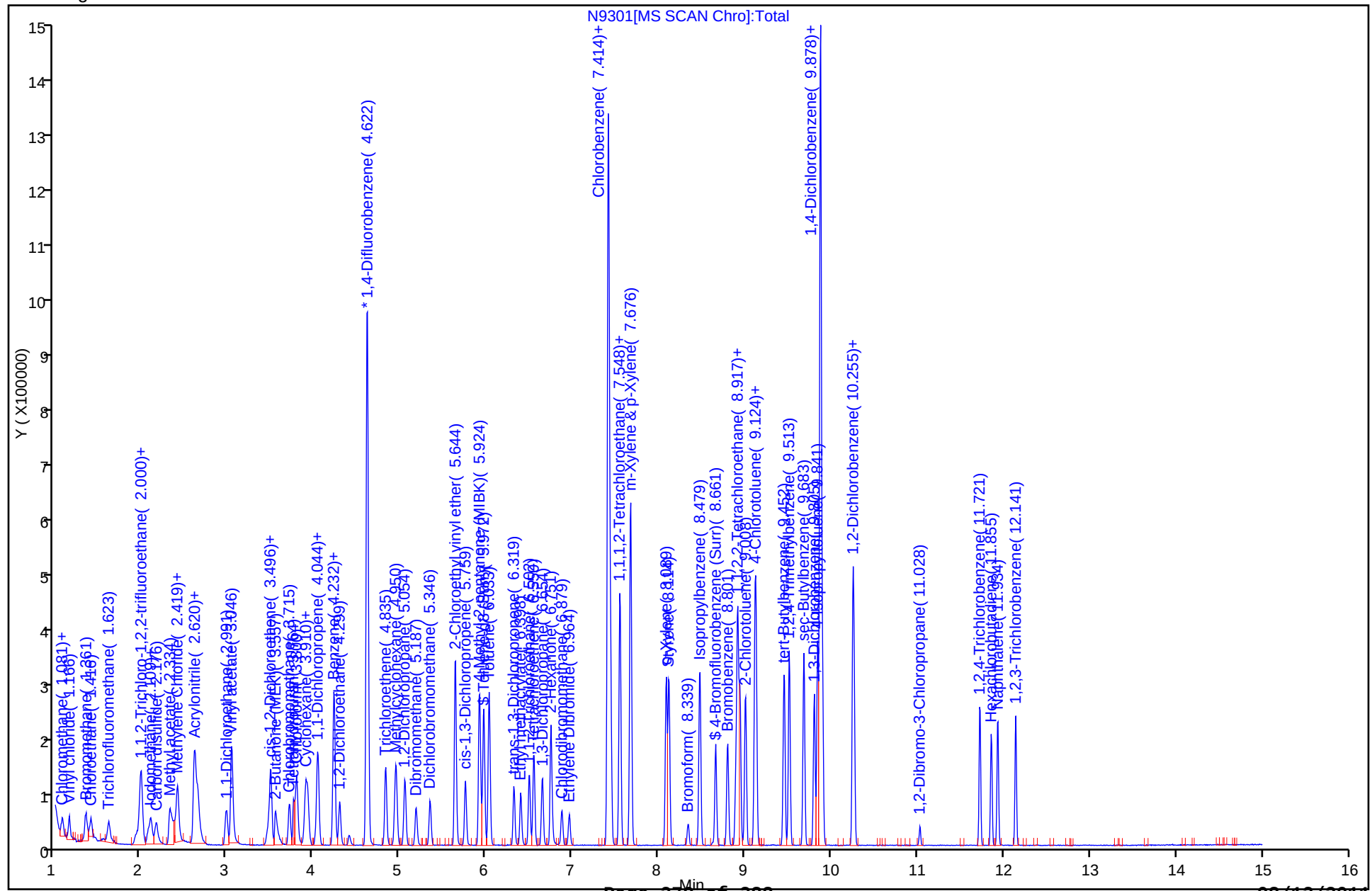
Lims Sample ID: 3

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9302.D
 Lims ID: STD-3 Client ID:
 Inject. Date: 21-Jul-2011 12:31:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 3
 Sample ID: STD-3
 Misc. Info.: 480-0004752-004
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 13
 Lims Batch ID: 24423 Lims Sample ID: 4
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N-8260.m
 Last Update: 22-Jul-2011 10:17:17 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 21-Jul-2011 14:14:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	91	824090	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	81	716909	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	73	382007	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	100190	9.73	
\$ 6 Toluene-d8 (Surr)	98	5.966	5.972	-0.006	81	307550	9.63	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	85	100029	10.0	
11 Dichlorodifluoromethane	85	0.996	1.020	-0.024	77	68969	9.55	
13 Chloromethane	50	1.081	1.093	-0.012	88	64351	8.70	
14 Vinyl chloride	62	1.160	1.166	-0.006	98	65051	9.49	
15 Bromomethane	94	1.349	1.361	-0.012	86	47593	9.10	
16 Chloroethane	64	1.410	1.416	-0.006	83	37409	9.16	
18 Trichlorofluoromethane	101	1.623	1.629	-0.006	83	74158	10.3	
20 Acrolein	56	1.957	1.939	0.018	83	74159	202.1	
22 1,1-Dichloroethene	96	1.994	2.000	-0.006	89	80223	9.53	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.994	2.000	-0.006	51	64144	10.2	
23 Acetone	43	2.067	2.073	-0.006	93	123838	46.4	
24 Iodomethane	142	2.103	2.115	-0.012	98	85209	9.71	
25 Carbon disulfide	76	2.170	2.170	0.0	97	161875	9.79	
28 Methyl acetate	43	2.322	2.322	0.0	94	95327	10.2	
29 Acetonitrile	40	2.365	2.365	0.0	94	167654	388.0	
30 Methylene Chloride	84	2.413	2.419	-0.006	77	86205	8.66	
33 trans-1,2-Dichloroethene	96	2.614	2.614	0.0	60	79851	9.57	
32 Methyl tert-butyl ether	73	2.614	2.614	0.0	84	260181	9.78	
34 Acrylonitrile	53	2.645	2.651	-0.006	94	139934	50.0	
36 1,1-Dichloroethane	63	2.979	2.985	-0.006	81	145108	9.93	
39 Vinyl acetate	43	3.040	3.040	0.0	97	606470	51.0	
42 2,2-Dichloropropane	77	3.478	3.478	0.0	66	78211	9.47	
43 cis-1,2-Dichloroethene	96	3.496	3.496	0.0	68	91729	9.88	
44 2-Butanone (MEK)	43	3.545	3.545	0.0	92	194282	51.8	
47 Chlorobromomethane	128	3.709	3.715	-0.006	87	44827	10.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.752	3.746	0.006	81	119696	50.7	
50 Chloroform	83	3.801	3.800	0.001	71	151771	9.32	
51 1,1,1-Trichloroethane	97	3.898	3.910	-0.012	80	77456	9.57	
52 Cyclohexane	56	3.916	3.928	-0.012	87	111701	9.75	
53 Carbon tetrachloride	117	4.032	4.038	-0.006	70	73788	9.77	
54 1,1-Dichloropropene	75	4.044	4.044	0.0	95	120897	9.93	
55 Benzene	78	4.232	4.232	0.0	96	358376	9.81	
57 1,2-Dichloroethane	62	4.299	4.299	0.0	91	122871	9.95	
60 Trichloroethene	95	4.829	4.829	0.0	91	86180	9.59	
62 Methylcyclohexane	83	4.950	4.950	0.0	86	137169	9.90	
63 1,2-Dichloropropane	63	5.054	5.054	0.0	91	80929	9.97	
64 Dibromomethane	93	5.182	5.181	0.001	85	50823	10.0	
67 Dichlorobromomethane	83	5.346	5.346	0.0	90	106807	9.94	
69 2-Chloroethyl vinyl ether	63	5.638	5.638	0.0	92	275556	51.1	
71 cis-1,3-Dichloropropene	75	5.759	5.759	0.0	82	132608	10.1	
72 4-Methyl-2-pentanone (MIBK)	43	5.918	5.917	0.001	96	393364	51.8	
73 Toluene	92	6.033	6.033	0.0	92	231380	9.92	
75 trans-1,3-Dichloropropene	75	6.319	6.319	0.0	89	114856	9.99	
77 Ethyl methacrylate	69	6.398	6.398	0.0	86	104012	10.4	
78 1,1,2-Trichloroethane	83	6.496	6.495	0.001	84	62933	9.78	
79 Tetrachloroethene	166	6.550	6.550	0.0	87	90706	9.88	
80 1,3-Dichloropropane	76	6.648	6.648	0.0	87	136902	9.90	
82 2-Hexanone	43	6.745	6.745	0.0	90	281493	51.3	
83 Chlorodibromomethane	129	6.873	6.879	-0.006	83	69645	10.1	
84 Ethylene Dibromide	107	6.958	6.964	-0.006	95	78950	10.0	
85 Chlorobenzene	112	7.445	7.444	0.001	93	260859	9.87	
88 Ethylbenzene	91	7.548	7.548	0.0	98	435370	9.89	
89 1,1,1,2-Tetrachloroethane	131	7.548	7.548	0.0	79	70566	10.1	
90 m-Xylene & p-Xylene	106	7.676	7.676	0.0	100	346634	19.9	
91 o-Xylene	106	8.089	8.089	0.0	79	164683	9.95	
92 Styrene	104	8.120	8.120	0.0	89	294423	10.1	
93 Bromoform	173	8.339	8.339	0.0	92	38776	10.1	
95 Isopropylbenzene	105	8.479	8.479	0.0	92	431152	10.0	
97 Bromobenzene	156	8.801	8.801	0.0	92	104958	9.88	
98 1,1,2,2-Tetrachloroethane	83	8.892	8.892	0.0	81	98971	9.86	
99 1,2,3-Trichloropropane	110	8.911	8.911	0.0	73	31291	9.50	
100 N-Propylbenzene	91	8.917	8.917	0.0	96	511134	10.0	
101 trans-1,4-Dichloro-2-butene	53	8.941	8.941	0.0	82	127457	51.5	
102 2-Chlorotoluene	126	9.008	9.008	0.0	96	103557	10.3	
104 1,3,5-Trimethylbenzene	105	9.118	9.117	0.001	85	364845	10.0	
105 4-Chlorotoluene	91	9.130	9.130	0.0	99	362212	9.90	
106 tert-Butylbenzene	134	9.452	9.452	0.0	90	78396	10.1	
108 1,2,4-Trimethylbenzene	105	9.513	9.513	0.0	91	371313	10.0	
109 sec-Butylbenzene	105	9.683	9.683	0.0	93	466754	9.98	
110 1,3-Dichlorobenzene	146	9.805	9.805	0.0	96	206236	9.91	
111 4-Isopropyltoluene	119	9.842	9.841	0.001	78	390854	10.1	
113 1,4-Dichlorobenzene	146	9.902	9.902	0.0	76	217158	9.80	
115 n-Butylbenzene	91	10.249	10.249	0.0	94	351658	9.97	
116 1,2-Dichlorobenzene	146	10.267	10.267	0.0	91	196296	9.72	
117 1,2-Dibromo-3-Chloropropane	75	11.028	11.028	0.0	63	15748	10.3	
119 1,2,4-Trichlorobenzene	180	11.727	11.727	0.0	95	132965	10.0	
120 Hexachlorobutadiene	225	11.855	11.855	0.0	94	62009	9.48	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.928	11.934	-0.006	96	316683	10.4	
122 1,2,3-Trichlorobenzene	180	12.141	12.141	0.0	95	116674	10.1	
S 125 Total BTEX	1				0		59.5	
S 126 Xylenes, Total	1				0		29.8	
S 123 1,3-Dichloropropene, Total	1				0		20.1	
S 124 1,2-Dichloroethene, Total	1				0		19.5	

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9303.D
 Lims ID: STD-4 Client ID:
 Inject. Date: 21-Jul-2011 12:55:30 Dil. Factor: 1.0000
 Sample Type: ICIS Calib Level: 4
 Sample ID: STD-4
 Misc. Info.: 480-0004752-005
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 14
 Lims Batch ID: 24423 Lims Sample ID: 5
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N-8260.m
 Last Update: 22-Jul-2011 10:17:09 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 22-Jul-2011 10:17:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	91	806483	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	82	709089	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	50	381205	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	280148	25.0	
\$ 6 Toluene-d8 (Surr)	98	5.972	5.972	0.0	81	914627	25.0	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	86	277958	25.0	
11 Dichlorodifluoromethane	85	1.008	1.008	0.0	78	195057	25.0	
13 Chloromethane	50	1.093	1.093	0.0	88	180218	25.0	
14 Vinyl chloride	62	1.166	1.166	0.0	84	179901	25.0	
15 Bromomethane	94	1.361	1.361	0.0	87	117112	25.0	
16 Chloroethane	64	1.416	1.416	0.0	86	103544	25.0	
18 Trichlorofluoromethane	101	1.629	1.629	0.0	85	222547	25.0	
20 Acrolein	56	1.939	1.939	0.0	89	192894	500.0	
22 1,1-Dichloroethene	96	2.000	2.000	0.0	90	211687	25.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.000	2.000	0.0	75	168430	25.0	
23 Acetone	43	2.073	2.073	0.0	84	325513	125.0	
24 Iodomethane	142	2.115	2.115	0.0	98	221658	25.0	
25 Carbon disulfide	76	2.170	2.170	0.0	98	454284	25.0	
28 Methyl acetate	43	2.322	2.322	0.0	96	234484	25.0	
29 Acetonitrile	40	2.365	2.365	0.0	99	436786	1000.0	
30 Methylene Chloride	84	2.419	2.419	0.0	76	215430	25.0	
33 trans-1,2-Dichloroethene	96	2.614	2.614	0.0	78	214485	25.0	
32 Methyl tert-butyl ether	73	2.614	2.614	0.0	86	683369	25.0	
34 Acrylonitrile	53	2.651	2.651	0.0	96	368842	125.0	
36 1,1-Dichloroethane	63	2.985	2.985	0.0	83	375877	25.0	
39 Vinyl acetate	43	3.040	3.040	0.0	97	1661949	125.0	
42 2,2-Dichloropropane	77	3.478	3.478	0.0	79	223561	25.0	
43 cis-1,2-Dichloroethene	96	3.496	3.496	0.0	69	239142	25.0	
44 2-Butanone (MEK)	43	3.545	3.545	0.0	90	502470	125.0	
47 Chlorobromomethane	128	3.715	3.715	0.0	86	114230	25.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.746	3.746	0.0	82	311447	125.0	
50 Chloroform	83	3.800	3.800	0.0	72	392436	25.0	
51 1,1,1-Trichloroethane	97	3.910	3.910	0.0	86	228429	25.0	
52 Cyclohexane	56	3.928	3.928	0.0	89	313628	25.0	
53 Carbon tetrachloride	117	4.038	4.038	0.0	72	221841	25.0	
54 1,1-Dichloropropene	75	4.044	4.044	0.0	90	323328	25.0	
55 Benzene	78	4.232	4.232	0.0	96	928671	25.0	
57 1,2-Dichloroethane	62	4.299	4.299	0.0	91	324297	25.0	
60 Trichloroethene	95	4.829	4.829	0.0	93	232623	25.0	
62 Methylcyclohexane	83	4.950	4.950	0.0	87	374953	25.0	
63 1,2-Dichloropropane	63	5.054	5.054	0.0	91	209861	25.0	
64 Dibromomethane	93	5.181	5.181	0.0	87	129762	25.0	
67 Dichlorobromomethane	83	5.346	5.346	0.0	89	284905	25.0	
69 2-Chloroethyl vinyl ether	63	5.638	5.638	0.0	92	721929	125.0	
71 cis-1,3-Dichloropropene	75	5.759	5.759	0.0	89	361874	25.0	
72 4-Methyl-2-pentanone (MIBK)	43	5.917	5.917	0.0	85	1027246	125.0	
73 Toluene	92	6.033	6.033	0.0	92	600402	25.0	
75 trans-1,3-Dichloropropene	75	6.319	6.319	0.0	89	327592	25.0	
77 Ethyl methacrylate	69	6.398	6.398	0.0	84	294513	25.0	
78 1,1,2-Trichloroethane	83	6.495	6.495	0.0	85	170129	25.0	
79 Tetrachloroethene	166	6.550	6.550	0.0	91	239516	25.0	
80 1,3-Dichloropropane	76	6.648	6.648	0.0	86	360374	25.0	
82 2-Hexanone	43	6.745	6.745	0.0	89	742301	125.0	
83 Chlorodibromomethane	129	6.879	6.879	0.0	85	198728	25.0	
84 Ethylene Dibromide	107	6.964	6.964	0.0	97	211685	25.0	
85 Chlorobenzene	112	7.444	7.444	0.0	93	669681	25.0	
88 Ethylbenzene	91	7.548	7.548	0.0	98	1122980	25.0	
89 1,1,1,2-Tetrachloroethane	131	7.548	7.548	0.0	34	199568	25.0	
90 m-Xylene & p-Xylene	106	7.676	7.676	0.0	99	900333	50.0	
91 o-Xylene	106	8.089	8.089	0.0	80	431129	25.0	
92 Styrene	104	8.120	8.120	0.0	90	780565	25.0	
93 Bromoform	173	8.339	8.339	0.0	93	115553	25.0	
95 Isopropylbenzene	105	8.479	8.479	0.0	95	1139872	25.0	
97 Bromobenzene	156	8.801	8.801	0.0	93	273550	25.0	
98 1,1,2,2-Tetrachloroethane	83	8.892	8.892	0.0	80	264867	25.0	
99 1,2,3-Trichloropropane	110	8.911	8.911	0.0	76	85657	25.0	
100 N-Propylbenzene	91	8.917	8.917	0.0	93	1370030	25.0	
101 trans-1,4-Dichloro-2-butene	53	8.941	8.941	0.0	92	363762	125.0	
102 2-Chlorotoluene	126	9.008	9.008	0.0	96	264000	25.0	
104 1,3,5-Trimethylbenzene	105	9.117	9.117	0.0	83	957986	25.0	
105 4-Chlorotoluene	91	9.130	9.130	0.0	99	934764	25.0	
106 tert-Butylbenzene	134	9.452	9.452	0.0	85	208699	25.0	
108 1,2,4-Trimethylbenzene	105	9.513	9.513	0.0	91	981964	25.0	
109 sec-Butylbenzene	105	9.683	9.683	0.0	94	1240584	25.0	
110 1,3-Dichlorobenzene	146	9.805	9.805	0.0	95	541365	25.0	
111 4-Isopropyltoluene	119	9.841	9.841	0.0	87	1033540	25.0	
113 1,4-Dichlorobenzene	146	9.902	9.902	0.0	83	559626	25.0	
115 n-Butylbenzene	91	10.249	10.249	0.0	94	953955	25.0	
116 1,2-Dichlorobenzene	146	10.267	10.267	0.0	91	513698	25.0	
117 1,2-Dibromo-3-Chloropropane	75	11.028	11.028	0.0	78	47724	25.0	
119 1,2,4-Trichlorobenzene	180	11.727	11.727	0.0	91	362669	25.0	
120 Hexachlorobutadiene	225	11.855	11.855	0.0	95	175298	25.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.934	11.934	0.0	97	894895	25.0	
122 1,2,3-Trichlorobenzene	180	12.141	12.141	0.0	94	318807	25.0	
S 125 Total BTEX	1				0		150.0	
S 126 Xylenes, Total	1				0		75.0	
S 123 1,3-Dichloropropene, Total	1				0		50.0	
S 124 1,2-Dichloroethene, Total	1				0		50.0	

Report Date: 22-Jul-2011 10:17:09

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9303.D

Injection Date: 21-Jul-2011 12:55:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973N

Lims Batch ID: 24423

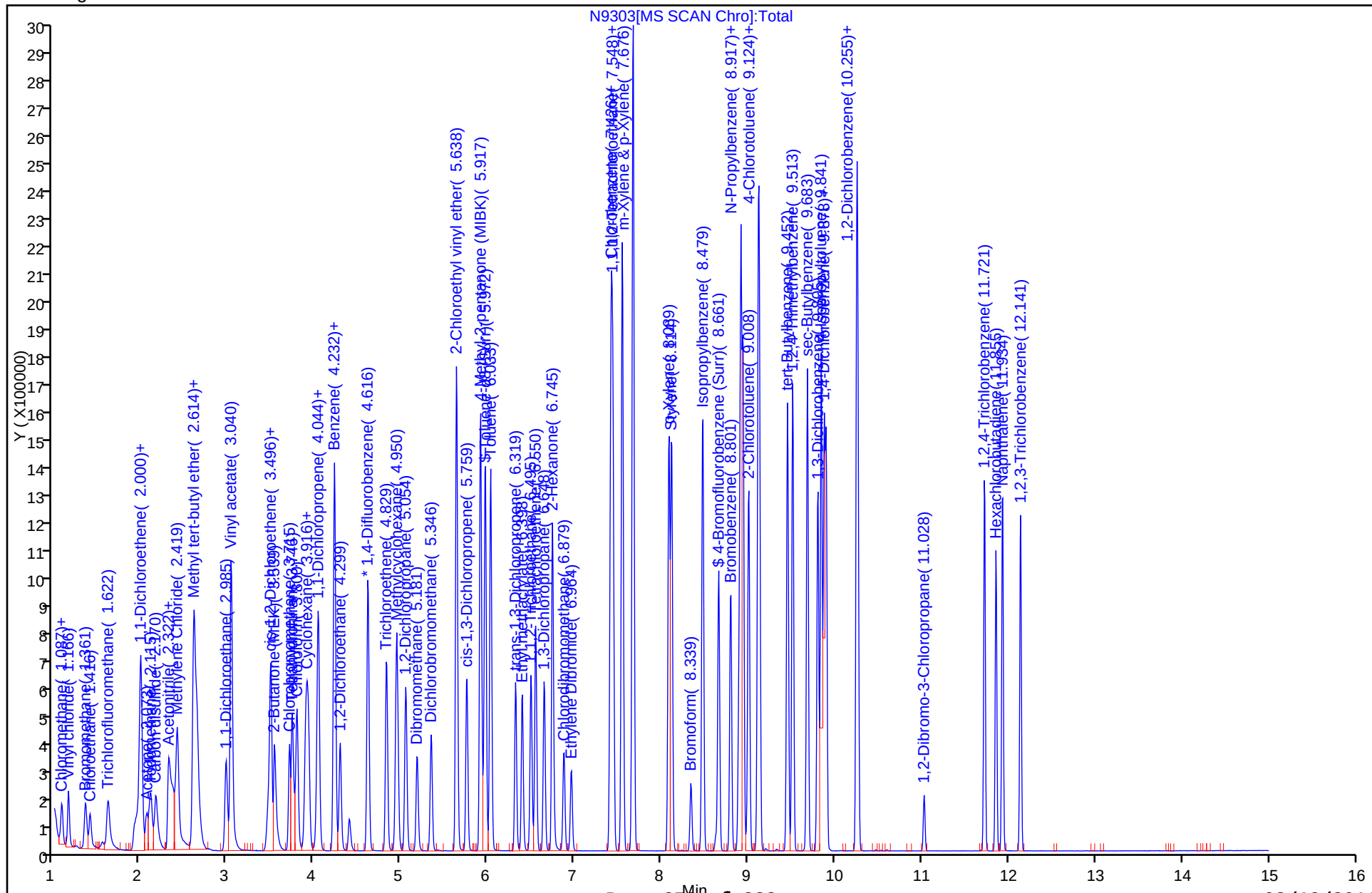
Lims Sample ID: 5

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9304.D
 Lims ID: STD-5 Client ID:
 Inject. Date: 21-Jul-2011 13:18:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 5
 Sample ID: STD-5
 Misc. Info.: 480-0004752-006
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 15
 Lims Batch ID: 24423 Lims Sample ID: 6
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N-8260.m
 Last Update: 22-Jul-2011 10:17:20 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 21-Jul-2011 14:14:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	91	828540	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	82	724058	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	70	389573	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	544737	52.1	
\$ 6 Toluene-d8 (Surr)	98	5.966	5.972	-0.006	80	1713253	52.5	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	86	529511	52.1	
11 Dichlorodifluoromethane	85	1.002	1.020	-0.018	87	379321	51.8	
13 Chloromethane	50	1.087	1.093	-0.006	89	354920	48.1	
14 Vinyl chloride	62	1.166	1.166	0.0	84	363263	52.2	
15 Bromomethane	94	1.361	1.361	0.0	88	231783	45.1	
16 Chloroethane	64	1.416	1.416	0.0	95	217464	52.4	
18 Trichlorofluoromethane	101	1.623	1.629	-0.006	86	473157	52.5	
20 Acrolein	56	1.939	1.939	0.0	89	404413	1075.6	
22 1,1-Dichloroethene	96	2.000	2.000	0.0	90	426690	50.3	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.000	2.000	0.0	77	348683	54.0	
23 Acetone	43	2.061	2.073	-0.012	84	642146	241.2	
24 Iodomethane	142	2.115	2.115	0.0	98	450827	50.9	
25 Carbon disulfide	76	2.170	2.170	0.0	98	934766	54.9	
28 Methyl acetate	43	2.316	2.322	-0.006	95	472536	50.1	
29 Acetonitrile	40	2.347	2.365	-0.018	99	783254	1839.1	
30 Methylene Chloride	84	2.420	2.419	0.001	79	432642	49.1	
33 trans-1,2-Dichloroethene	96	2.608	2.614	-0.006	93	434642	51.5	
32 Methyl tert-butyl ether	73	2.608	2.614	-0.006	87	1384051	51.4	
34 Acrylonitrile	53	2.645	2.651	-0.006	96	743052	260.9	
36 1,1-Dichloroethane	63	2.979	2.985	-0.006	83	766101	51.7	
39 Vinyl acetate	43	3.034	3.040	-0.006	97	3475329	281.5	
42 2,2-Dichloropropane	77	3.478	3.478	0.0	79	481609	56.2	
43 cis-1,2-Dichloroethene	96	3.496	3.496	0.0	69	486733	51.7	
44 2-Butanone (MEK)	43	3.533	3.545	-0.012	90	1008181	263.7	
47 Chlorobromomethane	128	3.715	3.715	0.0	87	228699	52.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.734	3.746	-0.012	80	626719	261.1	
50 Chloroform	83	3.801	3.800	0.001	72	792243	48.7	
51 1,1,1-Trichloroethane	97	3.904	3.910	-0.006	84	492427	58.1	
52 Cyclohexane	56	3.928	3.928	0.0	89	640190	54.4	
53 Carbon tetrachloride	117	4.032	4.038	-0.006	72	489984	53.2	
54 1,1-Dichloropropene	75	4.044	4.044	0.0	95	660099	53.1	
55 Benzene	78	4.232	4.232	0.0	97	1848229	50.2	
57 1,2-Dichloroethane	62	4.293	4.299	-0.006	91	645167	51.5	
60 Trichloroethene	95	4.829	4.829	0.0	93	468745	51.5	
62 Methylcyclohexane	83	4.950	4.950	0.0	82	757565	53.4	
63 1,2-Dichloropropane	63	5.054	5.054	0.0	91	424667	51.6	
64 Dibromomethane	93	5.181	5.181	0.0	84	265089	51.7	
67 Dichlorobromomethane	83	5.346	5.346	0.0	88	598652	54.3	
69 2-Chloroethyl vinyl ether	63	5.638	5.638	0.0	92	1485932	269.1	
71 cis-1,3-Dichloropropene	75	5.753	5.759	-0.006	90	745732	55.0	
72 4-Methyl-2-pentanone (MIBK)	43	5.912	5.917	-0.005	95	2070744	265.6	
73 Toluene	92	6.033	6.033	0.0	93	1201891	50.8	
75 trans-1,3-Dichloropropene	75	6.319	6.319	0.0	89	701189	58.0	
77 Ethyl methacrylate	69	6.392	6.398	-0.006	88	630761	52.5	
78 1,1,2-Trichloroethane	83	6.496	6.495	0.001	86	339452	51.8	
79 Tetrachloroethene	166	6.550	6.550	0.0	87	481105	51.5	
80 1,3-Dichloropropane	76	6.648	6.648	0.0	86	729710	51.8	
82 2-Hexanone	43	6.745	6.745	0.0	89	1499706	266.4	
83 Chlorodibromomethane	129	6.879	6.879	0.0	84	431768	52.6	
84 Ethylene Dibromide	107	6.964	6.964	0.0	97	431711	53.4	
85 Chlorobenzene	112	7.445	7.444	0.001	87	1340077	50.1	
88 Ethylbenzene	91	7.548	7.548	0.0	98	2247569	50.5	
89 1,1,1,2-Tetrachloroethane	131	7.548	7.548	0.0	85	427320	57.9	
90 m-Xylene & p-Xylene	106	7.676	7.676	0.0	100	1779296	100.9	
91 o-Xylene	106	8.089	8.089	0.0	80	869928	51.6	
92 Styrene	104	8.120	8.120	0.0	86	1573506	52.6	
93 Bromoform	173	8.339	8.339	0.0	92	258714	51.4	
95 Isopropylbenzene	105	8.479	8.479	0.0	95	2275272	51.4	
97 Bromobenzene	156	8.801	8.801	0.0	93	555951	51.0	
98 1,1,2,2-Tetrachloroethane	83	8.892	8.892	0.0	84	537334	52.0	
99 1,2,3-Trichloropropane	110	8.911	8.911	0.0	76	170324	50.6	
100 N-Propylbenzene	91	8.917	8.917	0.0	92	2736436	52.0	
101 trans-1,4-Dichloro-2-butene	53	8.941	8.941	0.0	92	767961	260.4	
102 2-Chlorotoluene	126	9.008	9.008	0.0	96	529039	51.1	
104 1,3,5-Trimethylbenzene	105	9.118	9.117	0.001	84	1902896	51.0	
105 4-Chlorotoluene	91	9.130	9.130	0.0	98	1864059	50.0	
106 tert-Butylbenzene	134	9.452	9.452	0.0	88	410462	51.4	
108 1,2,4-Trimethylbenzene	105	9.513	9.513	0.0	91	1936796	50.9	
109 sec-Butylbenzene	105	9.683	9.683	0.0	90	2447567	51.0	
110 1,3-Dichlorobenzene	146	9.805	9.805	0.0	95	1097499	51.3	
111 4-Isopropyltoluene	119	9.842	9.841	0.001	90	2080094	52.1	
113 1,4-Dichlorobenzene	146	9.896	9.902	-0.006	82	1122801	49.7	
115 n-Butylbenzene	91	10.249	10.249	0.0	94	1913658	52.5	
116 1,2-Dichlorobenzene	146	10.261	10.267	-0.006	95	1022917	49.7	
117 1,2-Dibromo-3-Chloropropane	75	11.028	11.028	0.0	80	100829	52.5	
119 1,2,4-Trichlorobenzene	180	11.727	11.727	0.0	91	726566	52.8	
120 Hexachlorobutadiene	225	11.855	11.855	0.0	93	341501	51.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.928	11.934	-0.006	97	1797175	50.8	
122 1,2,3-Trichlorobenzene	180	12.141	12.141	0.0	93	640798	53.4	
S 125 Total BTEX	1				0		304.0	
S 126 Xylenes, Total	1				0		152.5	
S 123 1,3-Dichloropropene, Total	1				0		113.0	
S 124 1,2-Dichloroethene, Total	1				0		103.1	

Report Date: 22-Jul-2011 10:17:20

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9304.D

Injection Date: 21-Jul-2011 13:18:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973N

Lims Batch ID: 24423

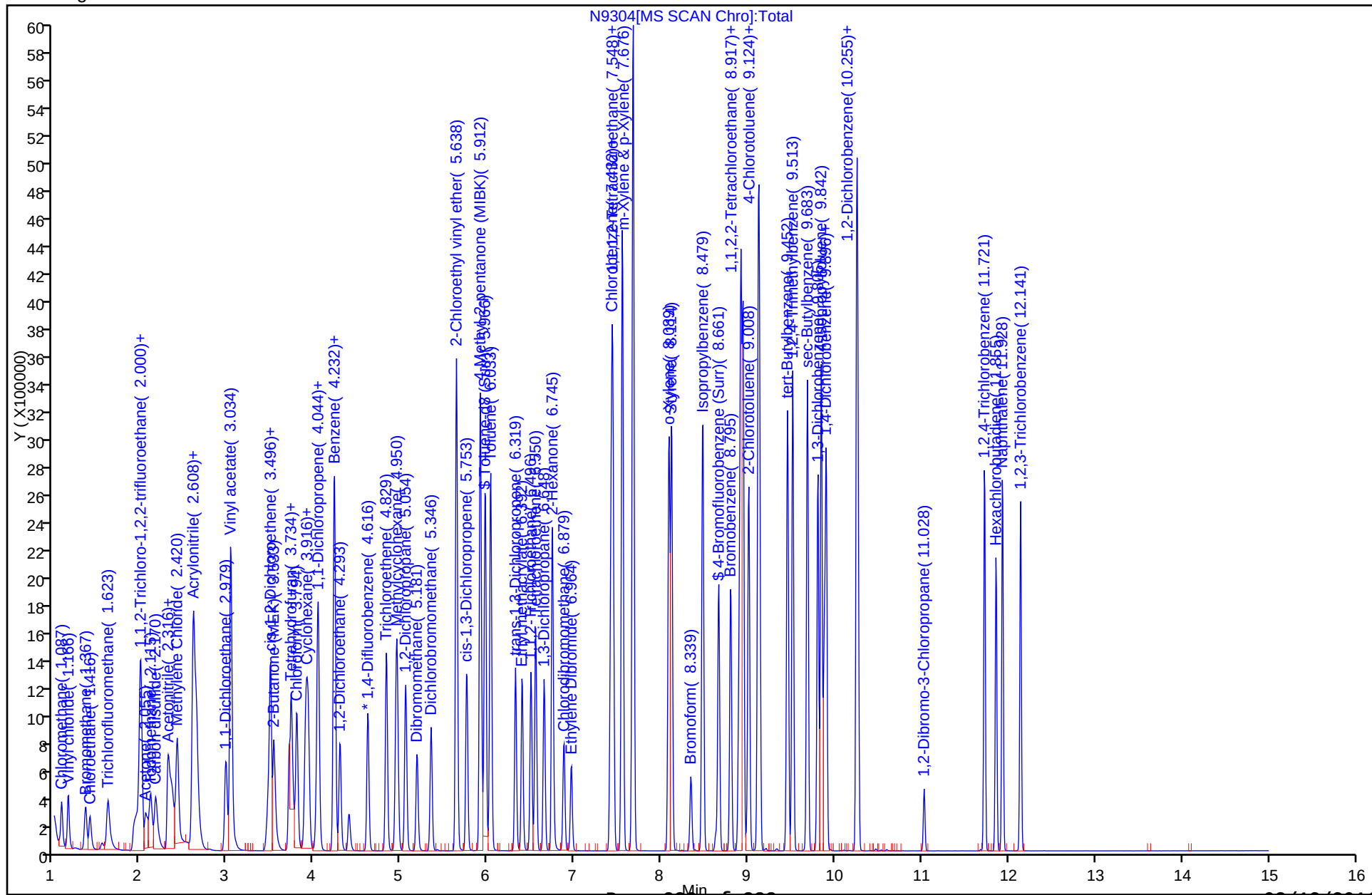
Lims Sample ID: 6

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9305.D
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 Inject. Date: 21-Jul-2011 13:41:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 6
 Sample ID: STD-6
 Misc. Info.: 480-0004752-007
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 16
 Lims Batch ID: 24423 Lims Sample ID: 7
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N-8260.m
 Last Update: 22-Jul-2011 10:17:22 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 21-Jul-2011 14:15:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.622	4.616	0.006	91	829823	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	39	716805	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	87	380764	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	1058918	100.9	
\$ 6 Toluene-d8 (Surr)	98	5.972	5.972	0.0	80	3242278	100.2	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	86	1018983	101.0	
11 Dichlorodifluoromethane	85	1.008	1.020	-0.012	87	739039	100.6	
13 Chloromethane	50	1.093	1.093	0.0	89	706431	96.4	
14 Vinyl chloride	62	1.172	1.166	0.006	83	695918	99.8	
15 Bromomethane	94	1.373	1.361	0.012	88	446573	88.8	
16 Chloroethane	64	1.422	1.416	0.006	87	411544	99.1	
18 Trichlorofluoromethane	101	1.635	1.629	0.006	85	948003	102.3	
20 Acrolein	56	1.945	1.939	0.006	93	822555	2151.2	
22 1,1-Dichloroethene	96	2.006	2.000	0.006	91	809152	96.1	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.006	2.000	0.006	74	647045	100.1	
23 Acetone	43	2.060	2.073	-0.013	84	1312533	493.6	
24 Iodomethane	142	2.121	2.115	0.006	98	873607	98.7	
25 Carbon disulfide	76	2.182	2.170	0.012	98	1803138	104.7	
28 Methyl acetate	43	2.316	2.322	-0.006	96	985017	103.5	
29 Acetonitrile	40	2.365	2.365	0.0	99	1813510	4207.5	
30 Methylene Chloride	84	2.425	2.419	0.006	77	849152	98.1	
33 trans-1,2-Dichloroethene	96	2.620	2.614	0.006	93	847110	100.1	
32 Methyl tert-butyl ether	73	2.608	2.614	-0.006	90	2759679	101.9	
34 Acrylonitrile	53	2.651	2.651	0.0	98	1489623	518.4	
36 1,1-Dichloroethane	63	2.985	2.985	0.0	83	1514824	101.7	
39 Vinyl acetate	43	3.040	3.040	0.0	97	6723588	535.9	
42 2,2-Dichloropropane	77	3.484	3.478	0.006	54	939334	107.7	
43 cis-1,2-Dichloroethene	96	3.502	3.496	0.006	69	967686	102.2	
44 2-Butanone (MEK)	43	3.533	3.545	-0.012	90	2041258	527.2	
47 Chlorobromomethane	128	3.715	3.715	0.0	87	466159	105.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.733	3.746	-0.013	82	1274860	524.9	
50 Chloroform	83	3.800	3.800	0.0	72	1574706	97.2	
51 1,1,1-Trichloroethane	97	3.910	3.910	0.0	86	1007915	115.1	
52 Cyclohexane	56	3.928	3.928	0.0	88	1227372	103.4	
53 Carbon tetrachloride	117	4.038	4.038	0.0	76	1011374	104.4	
54 1,1-Dichloropropene	75	4.044	4.044	0.0	94	1283625	102.6	
55 Benzene	78	4.232	4.232	0.0	97	3614807	98.4	
57 1,2-Dichloroethane	62	4.299	4.299	0.0	92	1278250	101.6	
60 Trichloroethene	95	4.828	4.829	-0.001	92	922651	101.0	
62 Methylcyclohexane	83	4.950	4.950	0.0	82	1453779	102.0	
63 1,2-Dichloropropane	63	5.054	5.054	0.0	91	848426	102.5	
64 Dibromomethane	93	5.181	5.181	0.0	85	532897	103.1	
67 Dichlorobromomethane	83	5.346	5.346	0.0	89	1212382	108.0	
69 2-Chloroethyl vinyl ether	63	5.644	5.638	0.006	93	2903536	520.6	
71 cis-1,3-Dichloropropene	75	5.759	5.759	0.0	90	1522314	110.0	
72 4-Methyl-2-pentanone (MIBK)	43	5.911	5.917	-0.006	80	4066257	522.1	
73 Toluene	92	6.033	6.033	0.0	92	2342028	100.0	
75 trans-1,3-Dichloropropene	75	6.319	6.319	0.0	89	1439026	116.3	
77 Ethyl methacrylate	69	6.392	6.398	-0.006	88	1297283	104.1	
78 1,1,2-Trichloroethane	83	6.495	6.495	0.0	85	677827	103.7	
79 Tetrachloroethene	166	6.550	6.550	0.0	90	936436	101.1	
80 1,3-Dichloropropane	76	6.647	6.648	-0.001	86	1446852	103.1	
82 2-Hexanone	43	6.745	6.745	0.0	88	3027119	535.5	
83 Chlorodibromomethane	129	6.879	6.879	0.0	85	894125	104.5	
84 Ethylene Dibromide	107	6.964	6.964	0.0	98	865620	106.7	
85 Chlorobenzene	112	7.444	7.444	0.0	90	2584269	98.1	
88 Ethylbenzene	91	7.554	7.548	0.006	98	4259493	97.1	
89 1,1,1,2-Tetrachloroethane	131	7.548	7.548	0.0	83	856432	113.9	
90 m-Xylene & p-Xylene	106	7.676	7.676	0.0	97	3406397	195.9	
91 o-Xylene	106	8.089	8.089	0.0	79	1696059	101.4	
92 Styrene	104	8.120	8.120	0.0	89	3032294	102.0	
93 Bromoform	173	8.339	8.339	0.0	92	551093	106.9	
95 Isopropylbenzene	105	8.479	8.479	0.0	93	4307368	99.7	
97 Bromobenzene	156	8.801	8.801	0.0	94	1079383	101.1	
98 1,1,2,2-Tetrachloroethane	83	8.892	8.892	0.0	85	1068612	104.7	
99 1,2,3-Trichloropropane	110	8.911	8.911	0.0	70	332716	100.9	
100 N-Propylbenzene	91	8.917	8.917	0.0	93	5096662	99.2	
101 trans-1,4-Dichloro-2-butene	53	8.941	8.941	0.0	86	1538998	515.6	
102 2-Chlorotoluene	126	9.008	9.008	0.0	96	1026907	101.2	
104 1,3,5-Trimethylbenzene	105	9.117	9.117	0.0	90	3578100	98.4	
105 4-Chlorotoluene	91	9.130	9.130	0.0	99	3558666	98.0	
106 tert-Butylbenzene	134	9.452	9.452	0.0	85	812569	103.4	
108 1,2,4-Trimethylbenzene	105	9.513	9.513	0.0	90	3707249	99.7	
109 sec-Butylbenzene	105	9.683	9.683	0.0	94	4559885	97.7	
110 1,3-Dichlorobenzene	146	9.805	9.805	0.0	95	2103317	100.6	
111 4-Isopropyltoluene	119	9.841	9.841	0.0	81	3851562	98.9	
113 1,4-Dichlorobenzene	146	9.902	9.902	0.0	93	2143306	97.6	
115 n-Butylbenzene	91	10.249	10.249	0.0	93	3590922	100.7	
116 1,2-Dichlorobenzene	146	10.267	10.267	0.0	91	1961193	98.0	
117 1,2-Dibromo-3-Chloropropane	75	11.028	11.028	0.0	84	205213	104.2	
119 1,2,4-Trichlorobenzene	180	11.727	11.727	0.0	91	1401203	103.5	
120 Hexachlorobutadiene	225	11.861	11.855	0.006	94	643176	98.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.934	11.934	0.0	97	3428482	107.8	
122 1,2,3-Trichlorobenzene	180	12.141	12.141	0.0	93	1223559	103.5	
S 125 Total BTEX	1				0		592.9	
S 126 Xylenes, Total	1				0		297.3	
S 123 1,3-Dichloropropene, Total	1				0		226.2	
S 124 1,2-Dichloroethene, Total	1				0		202.3	

Report Date: 22-Jul-2011 10:17:22

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9305.D

Injection Date: 21-Jul-2011 13:41:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973N

Lims Batch ID: 24423

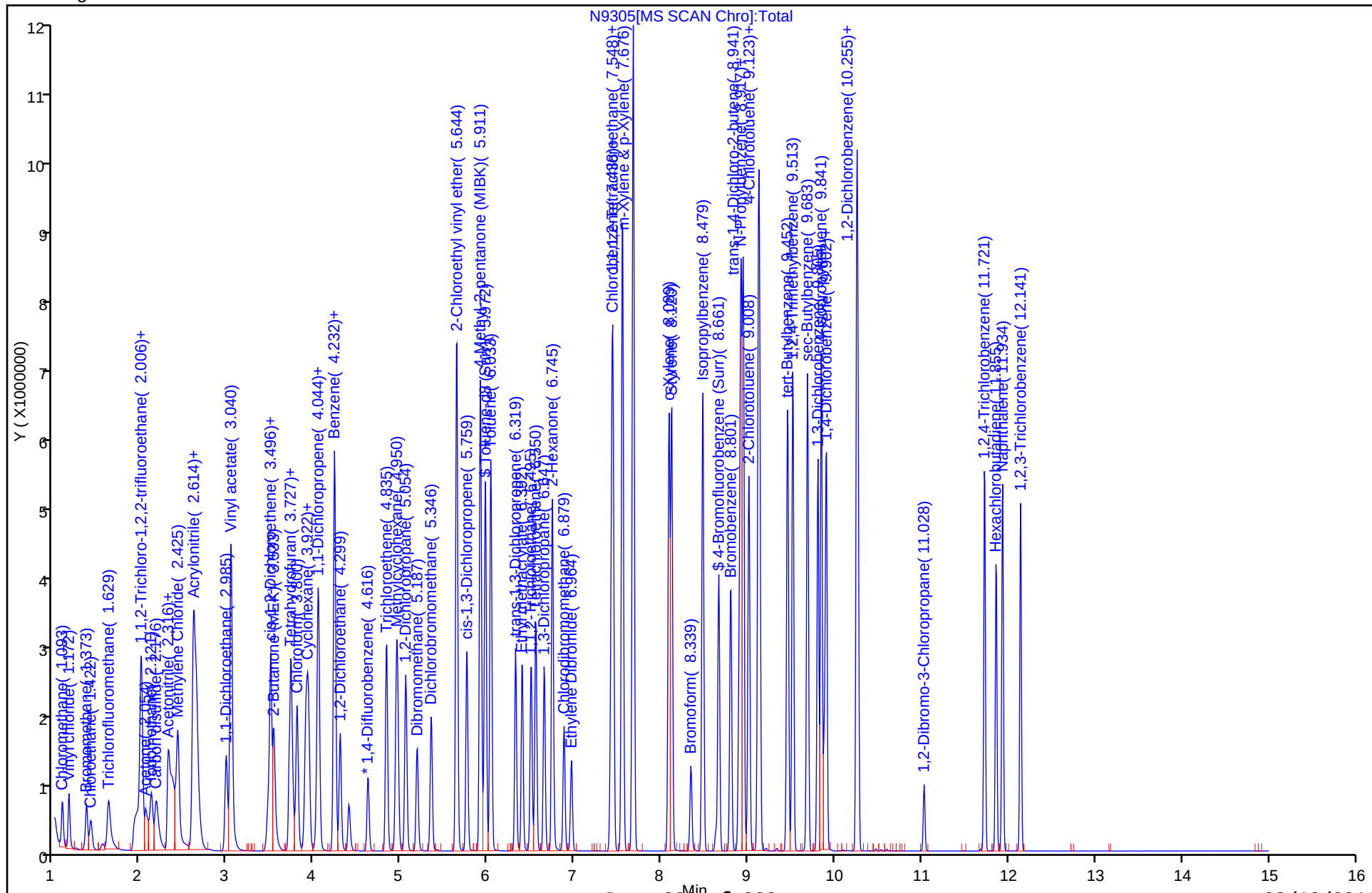
Lims Sample ID: 7

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24425

SDG No.: _____

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

Calibration Start Date: 07/21/2011 11:46 Calibration End Date: 07/21/2011 13:43 Calibration ID: 3275

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-24425/2	T9699.D
Level 2	STD 480-24425/3	T9700.D
Level 3	STD 480-24425/4	T9701.D
Level 4	STD 480-24425/5	T9702.D
Level 5	STD 480-24425/7	T9704.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3375	0.3484	0.3280	0.3439	0.3153	Ave		0.3329				3.8		15.0			
Chloromethane	0.5995	0.6320	0.6110	0.5835	0.5480	Ave		0.5885			0.1000	5.5		15.0			
Vinyl chloride	0.4213	0.4463	0.4201	0.4300	0.4125	Ave		0.4251				2.8		30.0			
Bromomethane	0.1651	0.1361	0.1415	0.1383	0.1403	Ave		0.1438				7.4		15.0			
Chloroethane	0.2356	0.2131	0.2185	0.2136	0.1970	Ave		0.2136				6.2		15.0			
Trichlorofluoromethane	0.2899	0.3360	0.3311	0.3621	0.3651	Ave		0.3404				8.4		15.0			
Acrolein	0.0256	0.0267	0.0259	0.0263	0.0255	Ave		0.0259				1.9		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2580	0.2494	0.2537	0.2774	0.2507	Ave		0.2591				4.1		15.0			
1,1-Dichloroethene	0.3043	0.3074	0.2875	0.2989	0.2859	Ave		0.2960				3.0		30.0			
Acetone	0.1883	0.1755	0.1655	0.1646	0.1536	Ave		0.1673				7.7		15.0			
Iodomethane	0.3423	0.3298	0.3517	0.3478	0.3283	Ave		0.3390				2.9		15.0			
Carbon disulfide	0.6660	0.6803	0.6741	0.7233	0.7128	Ave		0.6951				3.5		15.0			
Methyl acetate	0.6089	0.6098	0.5917	0.6088	0.5936	Ave		0.6032				1.4		15.0			
Acetonitrile	0.0340	0.0367	0.0312	0.0353	0.0335	Ave		0.0337				6.3		15.0			
Methylene Chloride	0.4584	0.3722	0.3496	0.3537	0.3206	Ave		0.3636				14.0		15.0			
trans-1,2-Dichloroethene	0.3159	0.3385	0.3160	0.3299	0.3157	Ave		0.3224				3.0		15.0			
Methyl tert-butyl ether	0.8270	0.8317	0.8500	0.8636	0.8784	Ave		0.8521				2.3		15.0			
Acrylonitrile	0.1657	0.1768	0.1795	0.1816	0.1767	Ave		0.1764				3.2		15.0			
1,1-Dichloroethane	0.6373	0.6855	0.6610	0.6663	0.6407	Ave		0.6561			0.1000	2.8		15.0			
Vinyl acetate	0.5283	0.6157	0.6520	0.7160	0.7735	Ave		0.6727				14.0		15.0			
2,2-Dichloropropane	0.2236	0.2401	0.2362	0.2341	0.2177	Ave		0.2285				4.1		15.0			
cis-1,2-Dichloroethene	0.3307	0.3674	0.3528	0.3518	0.3441	Ave		0.3490				3.4		15.0			
2-Butanone (MEK)	0.2365	0.2472	0.2346	0.2437	0.2467	Ave		0.2424				2.2		15.0			
Bromochloromethane	0.1705	0.1897	0.1782	0.1882	0.1785	Ave		0.1806				4.0		15.0			
Tetrahydrofuran	0.1462	0.1490	0.1506	0.1570	0.1612	Ave		0.1539				4.0		15.0			
Chloroform	0.6441	0.6066	0.5730	0.5804	0.5547	Ave		0.5852				6.0		30.0			
1,1,1-Trichloroethane	0.4065	0.4240	0.4054	0.4359	0.4270	Ave		0.4202				2.9		15.0			
Cyclohexane	0.5952	0.6088	0.6451	0.6998	0.6749	Ave		0.6525				6.7		15.0			
Carbon tetrachloride	0.3657	0.4102	0.3866	0.4341	0.4274	Ave		0.4073				6.4		15.0			
1,1-Dichloropropene	0.3763	0.4559	0.4210	0.4512	0.4438	Ave		0.4312				6.8		15.0			
Benzene	1.1797	1.3017	1.2455	1.2648	1.2299	Ave		1.2429				3.3		15.0			
1,2-Dichloroethane	0.5233	0.5291	0.5080	0.5102	0.4938	Ave		0.5105				2.7		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 EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24425

SDG No.: _____

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

Calibration Start Date: 07/21/2011 11:46 Calibration End Date: 07/21/2011 13:43 Calibration ID: 3275

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Trichloroethene	0.3112	0.3509	0.3296	0.3473	0.3310	Ave		0.3337				4.3		15.0			
Methylcyclohexane	0.4506	0.4708	0.4902	0.5356	0.5371	Ave		0.5034				7.6		15.0			
1,2-Dichloropropane	0.3721	0.3846	0.3594	0.3753	0.3735	Ave		0.3730				2.2		30.0			
Dibromomethane	0.2054	0.2134	0.2048	0.2010	0.2038	Ave		0.2054				2.1		15.0			
Bromodichloromethane	0.3577	0.4109	0.3864	0.4063	0.4236	Ave		0.3990				5.9		15.0			
2-Chloroethyl vinyl ether	0.1651	0.1941	0.2034	0.2372	0.2517	Lin1F		0.2427							0.9960		0.9900
cis-1,3-Dichloropropene	0.4213	0.4763	0.4691	0.4915	0.5204	Ave		0.4795				7.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.5130	0.5343	0.5225	0.5710	0.5618	Ave		0.5445				4.5		15.0			
Toluene	0.8391	0.8712	0.8390	0.8819	0.8587	Ave		0.8604				2.1		30.0			
trans-1,3-Dichloropropene	0.3824	0.4518	0.4463	0.4980	0.5258	Ave		0.4687				11.0		15.0			
Ethyl methacrylate	0.3573	0.4029	0.4097	0.4431	0.4680	Ave		0.4214				9.4		15.0			
1,1,2-Trichloroethane	0.2351	0.2939	0.2676	0.2807	0.2751	Ave		0.2722				7.4		15.0			
Tetrachloroethene	0.3885	0.4105	0.3826	0.4008	0.3828	Ave		0.3929				2.8		15.0			
1,3-Dichloropropane	0.5224	0.5738	0.5315	0.5596	0.5559	Ave		0.5497				3.5		15.0			
2-Hexanone	0.3456	0.3982	0.3916	0.4141	0.3996	Ave		0.3929				6.2		15.0			
Dibromochloromethane	0.3231	0.3493	0.3427	0.3661	0.3858	Ave		0.3579				6.7		15.0			
1,2-Dibromoethane	0.2990	0.3457	0.3267	0.3459	0.3430	Ave		0.3337				5.5		15.0			
Chlorobenzene	0.9295	1.0619	0.9960	1.0315	1.0073	Ave		1.0080			0.3000	4.4		15.0			
Ethylbenzene	1.3418	1.5696	1.4997	1.6482	1.6372	Ave		1.5531				7.5		30.0			
1,1,1,2-Tetrachloroethane	0.3353	0.3718	0.3370	0.3648	0.3631	Ave		0.3563				4.5		15.0			
m,p-Xylene	0.5437	0.6294	0.5952	0.6560	0.6520	Ave		0.6200				7.0		15.0			
o-Xylene	0.5325	0.6091	0.5788	0.6270	0.6239	Ave		0.6003				6.4		15.0			
Styrene	0.8218	0.9923	0.9685	1.0637	1.0804	Ave		0.9979				9.7		15.0			
Bromoform	0.1878	0.1988	0.1950	0.2248	0.2415	Ave		0.2130			0.1000	10.0		15.0			
Isopropylbenzene	2.3729	2.8375	2.7972	3.1417	3.1197	Ave		2.9020				10.0		15.0			
Bromobenzene	0.6883	0.7701	0.7412	0.7838	0.7761	Ave		0.7555				4.8		15.0			
1,1,2,2-Tetrachloroethane	0.8583	0.8810	0.8296	0.8967	0.8663	Ave		0.8692			0.3000	2.7		15.0			
N-Propylbenzene	3.0053	3.3762	3.3530	3.8580	3.8097	Ave		3.5427				9.9		15.0			
1,2,3-Trichloropropane	0.2555	0.2599	0.2525	0.2733	0.2593	Ave		0.2620				3.3		15.0			
trans-1,4-Dichloro-2-butene	0.2166	0.2411	0.2493	0.2836	0.2924	Ave		0.2627				12.0		15.0			
2-Chlorotoluene	0.5860	0.7185	0.7406	0.8075	0.7732	Ave		0.7344				11.0		15.0			
1,3,5-Trimethylbenzene	1.9800	2.3261	2.3455	2.6460	2.6384	Ave		2.4279				11.0		15.0			
4-Chlorotoluene	2.0742	2.4278	2.3060	2.5931	2.4841	Ave		2.3969				7.7		15.0			
tert-Butylbenzene	0.3989	0.5197	0.5334	0.6164	0.6096	Ave		0.5475				15.0		15.0			
1,2,4-Trimethylbenzene	2.0223	2.3366	2.3510	2.7093	2.6487	Ave		2.4556				11.0		15.0			
sec-Butylbenzene	2.6022	3.0410	3.0087	3.4521	3.5251	Ave		3.1846				11.0		15.0			
1,3-Dichlorobenzene	1.3829	1.5809	1.4841	1.5875	1.5345	Ave		1.5176				5.0		15.0			
4-Isopropyltoluene	2.1392	2.6780	2.6159	3.0158	3.0202	Ave		2.7463				13.0		15.0			
1,4-Dichlorobenzene	1.4992	1.5907	1.5352	1.6215	1.5550	Ave		1.5621				2.7		15.0			
n-Butylbenzene	2.2075	2.4392	2.3592	2.6403	2.6599	Ave		2.4911				7.5		15.0			
1,2-Dichlorobenzene	1.3731	1.5276	1.4376	1.5292	1.4957	Ave		1.4801				4.2		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 EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24425

SDG No.: _____

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

Calibration Start Date: 07/21/2011 11:46 Calibration End Date: 07/21/2011 13:43 Calibration ID: 3275

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	0.1802	0.1445	0.1424	0.1508	0.1636	Ave		0.1574				9.1		15.0			
1,2,4-Trichlorobenzene	0.8872	0.9819	0.9552	1.0238	1.1015	Ave		1.0005				7.6		15.0			
Hexachlorobutadiene	0.4507	0.4883	0.4476	0.4972	0.5198	Ave		0.4878				6.7		15.0			
Naphthalene	2.0244	2.3327	2.3858	2.8020	3.1403	Lin1F		3.0000							0.9940		0.9900
1,2,3-Trichlorobenzene	0.8715	0.8948	0.9147	0.9804	1.0451	Ave		0.9578				7.8		15.0			
1,2-Dichloroethane-d4 (Surr)	0.4017	0.3824	0.3759	0.4125	0.3835	Ave		0.3915				3.5		15.0			
Toluene-d8 (Surr)	1.2241	1.1894	1.1773	1.3565	1.2511	Ave		1.2470				5.3		15.0			
4-Bromofluorobenzene (Surr)	0.3597	0.3556	0.3553	0.3981	0.3830	Ave		0.3723				4.8		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.: 480-7718-1 Analy Batch No.: 24425

SDG No.: _____

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

Calibration Start Date: 07/21/2011 11:46 Calibration End Date: 07/21/2011 13:43 Calibration ID: 3275

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-24425/2	T9699.D
Level 2	STD 480-24425/3	T9700.D
Level 3	STD 480-24425/4	T9701.D
Level 4	STD 480-24425/5	T9702.D
Level 5	STD 480-24425/7	T9704.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	DFB	Ave	8697	44839	84915	231779	927629	1.00	5.00	10.0	25.0	100
Chloromethane	DFB	Ave	15447	81336	158201	393246	1612450	1.00	5.00	10.0	25.0	100
Vinyl chloride	DFB	Ave	10855	57443	108761	289825	1213545	1.00	5.00	10.0	25.0	100
Bromomethane	DFB	Ave	4255	17523	36634	93210	412824	1.00	5.00	10.0	25.0	100
Chloroethane	DFB	Ave	6071	27430	56583	143923	579652	1.00	5.00	10.0	25.0	100
Trichlorofluoromethane	DFB	Ave	7471	43240	85723	244029	1074302	1.00	5.00	10.0	25.0	100
Acrolein	DFB	Ave	13209	68638	134286	354929	1500043	20.0	100	200	500	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	DFB	Ave	6648	32094	65692	186922	737604	1.00	5.00	10.0	25.0	100
1,1-Dichloroethene	DFB	Ave	7840	39570	74446	201445	841049	1.00	5.00	10.0	25.0	100
Acetone	DFB	Ave	24263	112934	214217	554750	2259203	5.00	25.0	50.0	125	500
Iodomethane	DFB	Ave	8819	42451	91076	234403	965963	1.00	5.00	10.0	25.0	100
Carbon disulfide	DFB	Ave	17162	87554	174550	487431	2097257	1.00	5.00	10.0	25.0	100
Methyl acetate	DFB	Ave	15689	78480	153202	410283	1746429	1.00	5.00	10.0	25.0	100
Acetonitrile	DFB	Ave	35075	188812	323350	951507	3942945	40.0	200	400	1000	4000
Methylene Chloride	DFB	Ave	11813	47908	90528	238401	943381	1.00	5.00	10.0	25.0	100
trans-1,2-Dichloroethene	DFB	Ave	8139	43570	81829	222364	929001	1.00	5.00	10.0	25.0	100
Methyl tert-butyl ether	DFB	Ave	21309	107048	220076	582027	2584456	1.00	5.00	10.0	25.0	100
Acrylonitrile	DFB	Ave	21351	113773	232373	612032	2599253	5.00	25.0	50.0	125	500
1,1-Dichloroethane	DFB	Ave	16421	88224	171152	449069	1885035	1.00	5.00	10.0	25.0	100
Vinyl acetate	DFB	Ave	68059	396211	844084	2412672	11379680	5.00	25.0	50.0	125	500
2,2-Dichloropropane	DFB	Ave	5762	30900	61161	157764	640540	1.00	5.00	10.0	25.0	100
cis-1,2-Dichloroethene	DFB	Ave	8521	47285	91354	237112	1012405	1.00	5.00	10.0	25.0	100
2-Butanone (MEK)	DFB	Ave	30464	159067	303781	821258	3628524	5.00	25.0	50.0	125	500
Bromochloromethane	DFB	Ave	4394	24414	46148	126834	525048	1.00	5.00	10.0	25.0	100
Tetrahydrofuran	DFB	Ave	18832	95860	195020	528933	2371862	5.00	25.0	50.0	125	500
Chloroform	DFB	Ave	16597	78071	148359	391174	1631959	1.00	5.00	10.0	25.0	100
1,1,1-Trichloroethane	DFB	Ave	10475	54572	104957	293743	1256356	1.00	5.00	10.0	25.0	100
Cyclohexane	DFB	Ave	15337	78352	167022	471640	1985740	1.00	5.00	10.0	25.0	100
Carbon tetrachloride	DFB	Ave	9424	52798	100095	292576	1257606	1.00	5.00	10.0	25.0	100
1,1-Dichloropropene	DFB	Ave	9697	58674	109005	304072	1305746	1.00	5.00	10.0	25.0	100
Benzene	DFB	Ave	30398	167542	322493	852375	3618622	1.00	5.00	10.0	25.0	100
1,2-Dichloroethane	DFB	Ave	13483	68095	131525	343872	1453018	1.00	5.00	10.0	25.0	100
Trichloroethene	DFB	Ave	8019	45165	85347	234070	973840	1.00	5.00	10.0	25.0	100

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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24425

SDG No.: _____

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

Calibration Start Date: 07/21/2011 11:46 Calibration End Date: 07/21/2011 13:43 Calibration ID: 3275

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Methylcyclohexane	DFB	Ave	11612	60592	126927	360984	1580155	1.00	5.00	10.0	25.0	100
1,2-Dichloropropane	DFB	Ave	9589	49497	93048	252941	1098904	1.00	5.00	10.0	25.0	100
Dibromomethane	DFB	Ave	5292	27471	53034	135434	599511	1.00	5.00	10.0	25.0	100
Bromodichloromethane	DFB	Ave	9218	52881	100051	273798	1246209	1.00	5.00	10.0	25.0	100
2-Chloroethyl vinyl ether	DFB	Lin1F	21271	124887	263336	799449	3702205	5.00	25.0	50.0	125	500
cis-1,3-Dichloropropene	DFB	Ave	10857	61299	121467	331263	1531181	1.00	5.00	10.0	25.0	100
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	56130	298348	595691	1692579	7430108	5.00	25.0	50.0	125	500
Toluene	CBZ	Ave	18361	97295	191313	522815	2271541	1.00	5.00	10.0	25.0	100
trans-1,3-Dichloropropene	CBZ	Ave	8369	50459	101777	295250	1391002	1.00	5.00	10.0	25.0	100
Ethyl methacrylate	CBZ	Ave	7819	44998	93416	262667	1238002	1.00	5.00	10.0	25.0	100
1,1,2-Trichloroethane	CBZ	Ave	5144	32819	61024	166420	727853	1.00	5.00	10.0	25.0	100
Tetrachloroethene	CBZ	Ave	8501	45846	87236	237595	1012582	1.00	5.00	10.0	25.0	100
1,3-Dichloropropane	CBZ	Ave	11432	64084	121193	331739	1470571	1.00	5.00	10.0	25.0	100
2-Hexanone	CBZ	Ave	37815	222375	446526	1227455	5285671	5.00	25.0	50.0	125	500
Dibromochloromethane	CBZ	Ave	7070	39010	78145	217034	1020535	1.00	5.00	10.0	25.0	100
1,2-Dibromoethane	CBZ	Ave	6544	38607	74495	205039	907481	1.00	5.00	10.0	25.0	100
Chlorobenzene	CBZ	Ave	20341	118595	227115	611474	2664678	1.00	5.00	10.0	25.0	100
Ethylbenzene	CBZ	Ave	29362	175303	341966	977061	4330925	1.00	5.00	10.0	25.0	100
1,1,1,2-Tetrachloroethane	CBZ	Ave	7338	41530	76844	216267	960575	1.00	5.00	10.0	25.0	100
m,p-Xylene	CBZ	Ave	23797	140581	271441	777728	3449403	2.00	10.0	20.0	50.0	200
o-Xylene	CBZ	Ave	11653	68024	131990	371694	1650377	1.00	5.00	10.0	25.0	100
Styrene	CBZ	Ave	17984	110823	220841	630611	2857940	1.00	5.00	10.0	25.0	100
Bromoform	CBZ	Ave	4109	22203	44472	133291	638852	1.00	5.00	10.0	25.0	100
Isopropylbenzene	DCB	Ave	28051	174160	342412	979936	4366179	1.00	5.00	10.0	25.0	100
Bromobenzene	DCB	Ave	8137	47265	90736	244466	1086189	1.00	5.00	10.0	25.0	100
1,1,2,2-Tetrachloroethane	DCB	Ave	10146	54072	101553	279687	1212450	1.00	5.00	10.0	25.0	100
N-Propylbenzene	DCB	Ave	35527	207226	410447	1203350	5331749	1.00	5.00	10.0	25.0	100
1,2,3-Trichloropropane	DCB	Ave	3020	15952	30910	85240	362878	1.00	5.00	10.0	25.0	100
trans-1,4-Dichloro-2-butene	DCB	Ave	12800	74007	152597	442349	2046296	5.00	25.0	50.0	125	500
2-Chlorotoluene	DCB	Ave	6927	44098	90662	251854	1082173	1.00	5.00	10.0	25.0	100
1,3,5-Trimethylbenzene	DCB	Ave	23407	142774	287123	825312	3692497	1.00	5.00	10.0	25.0	100
4-Chlorotoluene	DCB	Ave	24520	149013	282283	808805	3476626	1.00	5.00	10.0	25.0	100
tert-Butylbenzene	DCB	Ave	4716	31901	65294	192255	853225	1.00	5.00	10.0	25.0	100
1,2,4-Trimethylbenzene	DCB	Ave	23906	143419	287799	845057	3706992	1.00	5.00	10.0	25.0	100
sec-Butylbenzene	DCB	Ave	30762	186655	368305	1076750	4933450	1.00	5.00	10.0	25.0	100
1,3-Dichlorobenzene	DCB	Ave	16348	97035	181669	495155	2147571	1.00	5.00	10.0	25.0	100
4-Isopropyltoluene	DCB	Ave	25288	164375	320219	940655	4226834	1.00	5.00	10.0	25.0	100
1,4-Dichlorobenzene	DCB	Ave	17723	97638	187930	505764	2176292	1.00	5.00	10.0	25.0	100
n-Butylbenzene	DCB	Ave	26096	149713	288803	823530	3722646	1.00	5.00	10.0	25.0	100
1,2-Dichlorobenzene	DCB	Ave	16232	93765	175980	476985	2093281	1.00	5.00	10.0	25.0	100
1,2-Dibromo-3-Chloropropane	DCB	Ave	2130	8869	17426	47022	228906	1.00	5.00	10.0	25.0	100
1,2,4-Trichlorobenzene	DCB	Ave	10488	60270	116923	319329	1541596	1.00	5.00	10.0	25.0	100
Hexachlorobutadiene	DCB	Ave	5328	29973	54792	155083	727453	1.00	5.00	10.0	25.0	100

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

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1 Analy Batch No.: 24425

SDG No.: _____

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

Calibration Start Date: 07/21/2011 11:46 Calibration End Date: 07/21/2011 13:43 Calibration ID: 3275

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Naphthalene	DCB	Lin1F	23931	143179	292053	873980	4394893	1.00	5.00	10.0	25.0	100
1,2,3-Trichlorobenzene	DCB	Ave	10303	54922	111967	305798	1462676	1.00	5.00	10.0	25.0	100
1,2-Dichloroethane-d4 (Surr)	DFB	Ave	10350	49221	97319	278011	1128378	1.00	5.00	10.0	25.0	100
Toluene-d8 (Surr)	CBZ	Ave	26787	132838	268462	804153	3309678	1.00	5.00	10.0	25.0	100
4-Bromofluorobenzene (Surr)	CBZ	Ave	7871	39711	81026	236023	1013059	1.00	5.00	10.0	25.0	100

Curve Type Legend:

Ave = Average ISTD
Lin1F = Linear 1/conc ISTD forced zero

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9699.D
 Lims ID: STD Client ID:
 Inject. Date: 21-Jul-2011 11:46:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 1
 Sample ID: STD
 Misc. Info.: 480-0004753-002
 Operator: LH Instrument ID: HP5975T
 Vol. Injected: 1.0000 ALS Bottle#: 2
 Lims Batch ID: 24425 Lims Sample ID: 2
 Sublist: chrom-T-8260*sub3
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T-8260.m
 Last Update: 22-Jul-2011 10:27:59 Calib Date: 21-Jul-2011 18:26:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 21-Jul-2011 14:17:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.582	4.582	0.0	96	644191	25.0	
* 2 Chlorobenzene-d5	117	6.779	6.779	0.0	86	547077	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.645	8.645	0.0	95	295537	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.272	4.271	0.001	0	10350	0.9867	
\$ 6 Toluene-d8 (Surr)	98	5.671	5.670	0.001	83	26787	0.9487	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.722	7.722	0.0	78	7871	0.9493	
11 Dichlorodifluoromethane	85	0.966	0.966	0.0	64	8697	0.99	
13 Chloromethane	50	1.090	1.090	0.0	83	15447	1.01	
14 Vinyl chloride	62	1.163	1.173	-0.010	74	10855	0.9897	
15 Bromomethane	94	1.401	1.411	-0.010	81	4255	1.09	
16 Chloroethane	64	1.484	1.494	-0.010	87	6071	1.05	
17 Trichlorofluoromethane	101	1.660	1.670	-0.010	53	7471	0.8893	
21 Acrolein	56	2.085	2.095	-0.010	83	13209	19.7	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.116	2.106	0.010	31	6648	0.9638	
22 1,1-Dichloroethene	96	2.116	2.116	0.0	81	7840	1.01	
23 Acetone	43	2.251	2.251	0.0	86	24263	5.34	
24 Iodomethane	142	2.261	2.271	-0.010	37	8819	0.99	
25 Carbon disulfide	76	2.282	2.282	0.0	94	17162	0.9588	
28 Methyl acetate	43	2.520	2.520	0.0	94	15689	1.00	
29 Acetonitrile	40	2.531	2.530	0.001	99	35075	39.3	
30 Methylene Chloride	84	2.582	2.582	0.0	79	11813	1.13	
32 trans-1,2-Dichloroethene	96	2.779	2.779	0.0	86	8139	0.9782	
33 Methyl tert-butyl ether	73	2.790	2.790	0.0	83	21309	0.9783	
34 Acrylonitrile	53	2.862	2.852	0.010	96	21351	4.77	
36 1,1-Dichloroethane	63	3.152	3.152	0.0	76	16421	0.9777	
39 Vinyl acetate	43	3.215	3.214	0.001	94	68059	4.25	
42 2,2-Dichloropropane	77	3.588	3.588	0.0	55	5762	0.9771	
43 cis-1,2-Dichloroethene	96	3.619	3.619	0.0	74	8521	0.9690	
44 2-Butanone (MEK)	43	3.691	3.681	0.010	96	30464	4.92	
47 Chlorobromomethane	128	3.826	3.815	0.011	79	4394	0.9507	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Tetrahydrofuran	42	3.867	3.847	0.020	86	18832	4.82	
50 Chloroform	83	3.888	3.888	0.0	80	16597	1.05	
52 Cyclohexane	56	3.971	3.971	0.0	89	15337	0.9192	
51 1,1,1-Trichloroethane	97	3.971	3.971	0.0	68	10475	0.9652	
53 Carbon tetrachloride	117	4.085	4.085	0.0	58	9424	0.9145	
54 1,1-Dichloropropene	75	4.095	4.095	0.0	75	9697	0.9095	
55 Benzene	78	4.261	4.261	0.0	92	30398	0.9652	
57 1,2-Dichloroethane	62	4.323	4.323	0.0	81	13483	1.01	
60 Trichloroethene	95	4.748	4.748	0.0	80	8019	0.9452	
62 Methylcyclohexane	83	4.842	4.841	0.001	94	11612	0.9138	
63 1,2-Dichloropropane	63	4.945	4.945	0.0	82	9589	1.00	
65 Dibromomethane	93	5.049	5.049	0.0	78	5292	1.01	
67 Dichlorobromomethane	83	5.173	5.173	0.0	81	9218	0.9365	
69 2-Chloroethyl vinyl ether	63	5.401	5.401	0.0	85	21271	4.10	
71 cis-1,3-Dichloropropene	75	5.494	5.494	0.0	62	10857	0.9231	
72 4-Methyl-2-pentanone (MIBK)	43	5.629	5.629	0.0	94	56130	4.73	
73 Toluene	92	5.712	5.712	0.0	91	18361	0.9751	
75 trans-1,3-Dichloropropene	75	5.930	5.930	0.0	78	8369	0.8687	
77 Ethyl methacrylate	69	5.981	5.981	0.0	77	7819	0.8928	
78 1,1,2-Trichloroethane	83	6.075	6.075	0.0	69	5144	0.9115	
79 Tetrachloroethene	166	6.116	6.116	0.0	82	8501	0.9844	
80 1,3-Dichloropropane	76	6.199	6.199	0.0	90	11432	0.9656	
81 2-Hexanone	43	6.272	6.261	0.011	94	37815	4.55	
82 Chlorodibromomethane	129	6.375	6.375	0.0	68	7070	0.9376	
83 Ethylene Dibromide	107	6.448	6.448	0.0	67	6544	0.9274	
86 Chlorobenzene	112	6.800	6.810	-0.010	69	20341	0.9480	
88 Ethylbenzene	91	6.873	6.873	0.0	95	29362	0.8975	
89 1,1,1,2-Tetrachloroethane	131	6.883	6.883	0.0	65	7338	0.9579	
90 m-Xylene & p-Xylene	106	6.966	6.966	0.0	97	23797	1.81	
91 o-Xylene	106	7.287	7.287	0.0	79	11653	0.9185	
92 Styrene	104	7.308	7.308	0.0	79	17984	0.8717	
93 Bromoform	173	7.484	7.484	0.0	74	4109	0.9102	
95 Isopropylbenzene	105	7.567	7.567	0.0	90	28051	0.8606	
97 Bromobenzene	156	7.836	7.836	0.0	87	8137	0.9352	
98 1,1,2,2-Tetrachloroethane	83	7.878	7.878	0.0	44	10146	0.9781	
99 N-Propylbenzene	91	7.899	7.899	0.0	90	35527	0.8758	
100 1,2,3-Trichloropropane	110	7.909	7.909	0.0	63	3020	0.9663	
101 trans-1,4-Dichloro-2-butene	53	7.919	7.919	0.0	77	12800	4.33	
105 2-Chlorotoluene	126	7.982	7.981	0.001	88	6927	0.8410	
104 1,3,5-Trimethylbenzene	105	8.044	8.044	0.0	62	23407	0.8560	
102 4-Chlorotoluene	91	8.064	8.075	-0.011	89	24520	0.8888	
106 tert-Butylbenzene	134	8.303	8.303	0.0	85	4716	0.7858	
107 1,2,4-Trimethylbenzene	105	8.344	8.344	0.0	87	23906	0.8548	
109 sec-Butylbenzene	105	8.479	8.479	0.0	79	30762	0.8596	
110 1,3-Dichlorobenzene	146	8.583	8.582	0.001	88	16348	0.9311	
111 4-Isopropyltoluene	119	8.593	8.593	0.0	92	25288	0.8299	
113 1,4-Dichlorobenzene	146	8.665	8.665	0.0	79	17723	0.9608	
115 n-Butylbenzene	91	8.935	8.935	0.0	86	26096	0.9107	
116 1,2-Dichlorobenzene	146	8.976	8.966	0.010	90	16232	0.9462	
117 1,2-Dibromo-3-Chloropropane	75	9.640	9.640	0.0	20	2130	1.09	
119 1,2,4-Trichlorobenzene	180	10.282	10.282	0.0	76	10488	0.9285	
120 Hexachlorobutadiene	225	10.396	10.396	0.0	69	5328	0.9509	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.500	10.500	0.0	87	23931	0.8389	
122 1,2,3-Trichlorobenzene	180	10.697	10.697	0.0	82	10303	0.9412	
S 123 1,3-Dichloropropene, Total	1				0		1.79	
S 124 1,2-Dichloroethene, Total	1				0		1.95	
S 125 Total BTEX	1				0		5.57	
S 126 Xylenes, Total	1				0		2.73	

Report Date: 22-Jul-2011 10:27:59

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9699.D

Injection Date: 21-Jul-2011 11:46:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5975T

Lims Batch ID: 24425

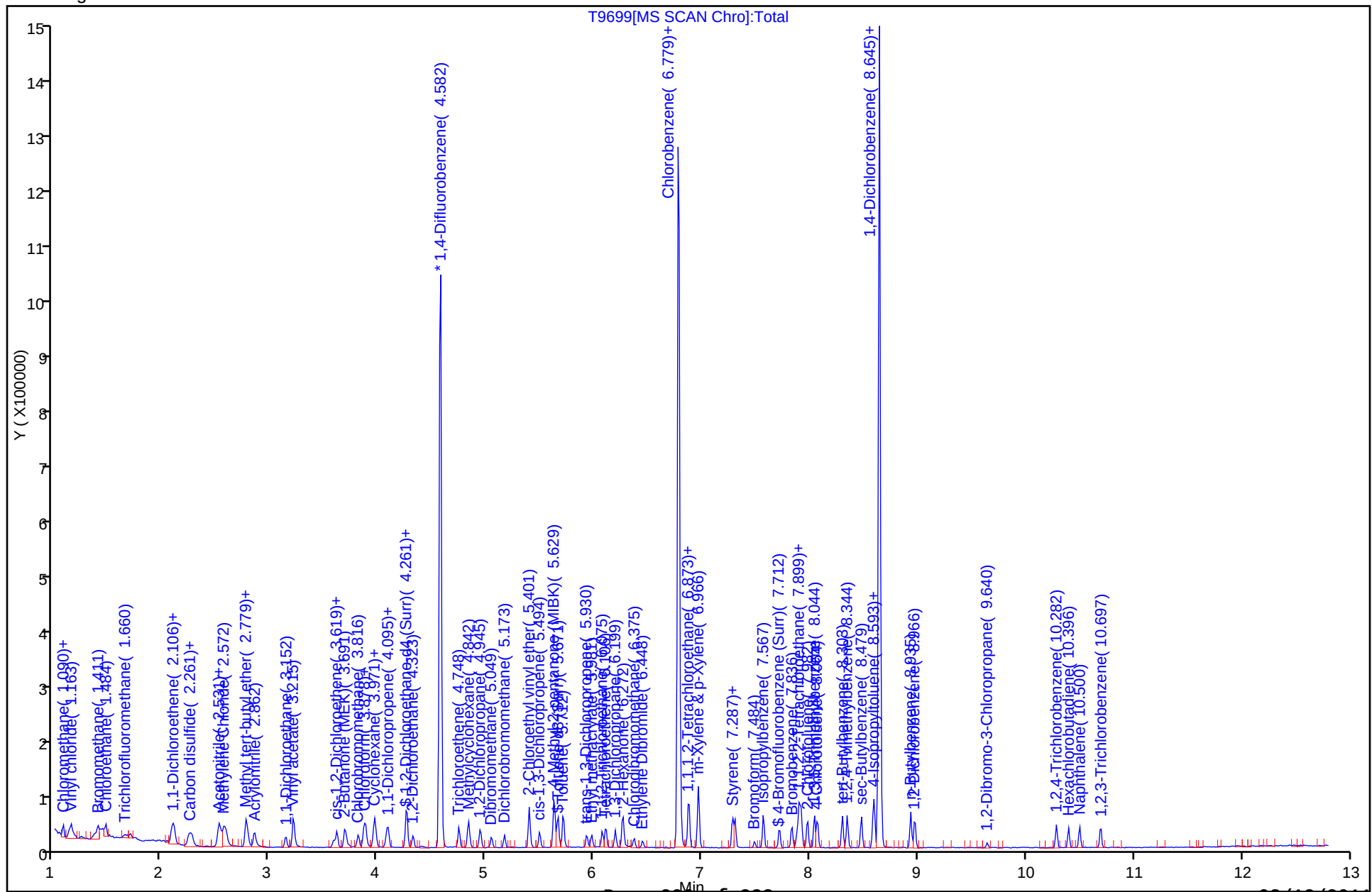
Lims Sample ID: 2

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9700.D
 Lims ID: STD-2 Client ID:
 Inject. Date: 21-Jul-2011 12:10:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 2
 Sample ID: STD-2
 Misc. Info.: 480-0004753-003
 Operator: LH Instrument ID: HP5975T
 Vol. Injected: 1.0000 ALS Bottle#: 3
 Lims Batch ID: 24425 Lims Sample ID: 3
 Sublist: chrom-T-8260*sub3
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T-8260.m
 Last Update: 22-Jul-2011 10:28:01 Calib Date: 21-Jul-2011 18:26:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 21-Jul-2011 14:17:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.582	4.582	0.0	96	643527	25.0	
* 2 Chlorobenzene-d5	117	6.779	6.779	0.0	78	558425	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.645	8.645	0.0	95	306895	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.272	4.271	0.001	0	49221	4.79	
\$ 6 Toluene-d8 (Surr)	98	5.671	5.670	0.001	87	132838	4.73	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.722	7.722	0.0	87	39711	4.79	
11 Dichlorodifluoromethane	85	0.966	0.966	0.0	86	44839	5.07	
13 Chloromethane	50	1.090	1.090	0.0	89	81336	5.22	
14 Vinyl chloride	62	1.163	1.173	-0.010	81	57443	5.16	
15 Bromomethane	94	1.411	1.411	0.0	93	17523	4.65	
16 Chloroethane	64	1.494	1.494	0.0	86	27430	4.83	
17 Trichlorofluoromethane	101	1.670	1.670	0.0	78	43240	5.10	
21 Acrolein	56	2.095	2.095	0.0	90	68638	101.7	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.106	2.106	0.0	51	32094	4.77	
22 1,1-Dichloroethene	96	2.116	2.116	0.0	83	39570	5.06	
23 Acetone	43	2.251	2.251	0.0	99	112934	24.9	
24 Iodomethane	142	2.261	2.271	-0.010	97	42451	4.85	
25 Carbon disulfide	76	2.282	2.282	0.0	99	87554	4.93	
28 Methyl acetate	43	2.520	2.520	0.0	97	78480	5.01	
29 Acetonitrile	40	2.531	2.530	0.001	99	188812	207.6	
30 Methylene Chloride	84	2.582	2.582	0.0	82	47908	4.71	
32 trans-1,2-Dichloroethene	96	2.779	2.779	0.0	90	43570	5.16	
33 Methyl tert-butyl ether	73	2.790	2.790	0.0	88	107048	4.95	
34 Acrylonitrile	53	2.852	2.852	0.0	99	113773	25.3	
36 1,1-Dichloroethane	63	3.152	3.152	0.0	86	88224	5.17	
39 Vinyl acetate	43	3.215	3.214	0.0	97	396211	24.8	
42 2,2-Dichloropropane	77	3.588	3.588	0.0	75	30900	5.16	
43 cis-1,2-Dichloroethene	96	3.619	3.619	0.0	71	47285	5.25	
44 2-Butanone (MEK)	43	3.691	3.681	0.010	98	159067	25.5	
47 Chlorobromomethane	128	3.816	3.815	0.001	86	24414	5.19	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Tetrahydrofuran	42	3.857	3.847	0.010	92	95860	24.7	
50 Chloroform	83	3.888	3.888	0.0	83	78071	4.97	
52 Cyclohexane	56	3.971	3.971	0.0	95	78352	4.80	
51 1,1,1-Trichloroethane	97	3.971	3.971	0.0	80	54572	5.02	
53 Carbon tetrachloride	117	4.085	4.085	0.0	64	52798	5.09	
54 1,1-Dichloropropene	75	4.095	4.095	0.0	88	58674	5.33	
55 Benzene	78	4.261	4.261	0.0	96	167542	5.21	
57 1,2-Dichloroethane	62	4.323	4.323	0.0	90	68095	5.08	
60 Trichloroethene	95	4.748	4.748	0.0	91	45165	5.21	
62 Methylcyclohexane	83	4.842	4.841	0.001	97	60592	4.85	
63 1,2-Dichloropropane	63	4.945	4.945	0.0	89	49497	5.10	
65 Dibromomethane	93	5.049	5.049	0.0	86	27471	5.17	
67 Dichlorobromomethane	83	5.173	5.173	0.0	90	52881	5.25	
69 2-Chloroethyl vinyl ether	63	5.401	5.401	0.0	92	124887	24.4	
71 cis-1,3-Dichloropropene	75	5.494	5.494	0.0	83	61299	5.14	
72 4-Methyl-2-pentanone (MIBK)	43	5.629	5.629	0.0	98	298348	24.8	
73 Toluene	92	5.712	5.712	0.0	95	97295	5.04	
75 trans-1,3-Dichloropropene	75	5.930	5.930	0.0	94	50459	5.09	
77 Ethyl methacrylate	69	5.981	5.981	0.0	93	44998	5.02	
78 1,1,2-Trichloroethane	83	6.075	6.075	0.0	88	32819	5.44	
79 Tetrachloroethene	166	6.116	6.116	0.0	83	45846	5.13	
80 1,3-Dichloropropane	76	6.199	6.199	0.0	97	64084	5.20	
81 2-Hexanone	43	6.261	6.261	0.0	99	222375	25.8	
82 Chlorodibromomethane	129	6.375	6.375	0.0	86	39010	5.05	
83 Ethylene Dibromide	107	6.448	6.448	0.0	98	38607	5.23	
86 Chlorobenzene	112	6.810	6.810	0.0	85	118595	5.27	
88 Ethylbenzene	91	6.873	6.873	0.0	99	175303	5.16	
89 1,1,1,2-Tetrachloroethane	131	6.883	6.883	0.0	41	41530	5.20	
90 m-Xylene & p-Xylene	106	6.966	6.966	0.0	98	140581	10.3	
91 o-Xylene	106	7.287	7.287	0.0	94	68024	5.17	
92 Styrene	104	7.308	7.308	0.0	78	110823	5.17	
93 Bromoform	173	7.484	7.484	0.0	95	22203	4.88	
95 Isopropylbenzene	105	7.567	7.567	0.0	96	174160	5.10	
97 Bromobenzene	156	7.836	7.836	0.0	91	47265	5.15	
98 1,1,2,2-Tetrachloroethane	83	7.878	7.878	0.0	70	54072	5.01	
99 N-Propylbenzene	91	7.899	7.899	0.0	96	207226	4.95	
100 1,2,3-Trichloropropane	110	7.909	7.909	0.0	74	15952	4.94	
101 trans-1,4-Dichloro-2-butene	53	7.919	7.919	0.0	83	74007	24.4	
105 2-Chlorotoluene	126	7.982	7.981	0.001	96	44098	5.10	
104 1,3,5-Trimethylbenzene	105	8.044	8.044	0.0	67	142774	5.02	
102 4-Chlorotoluene	91	8.064	8.075	-0.011	95	149013	5.13	
106 tert-Butylbenzene	134	8.303	8.303	0.0	92	31901	5.08	
107 1,2,4-Trimethylbenzene	105	8.344	8.344	0.0	97	143419	4.96	
109 sec-Butylbenzene	105	8.479	8.479	0.0	93	186655	5.02	
110 1,3-Dichlorobenzene	146	8.583	8.582	0.001	96	97035	5.21	
111 4-Isopropyltoluene	119	8.593	8.593	0.0	96	164375	5.13	
113 1,4-Dichlorobenzene	146	8.665	8.665	0.0	84	97638	5.06	
115 n-Butylbenzene	91	8.935	8.935	0.0	91	149713	5.02	
116 1,2-Dichlorobenzene	146	8.966	8.966	0.0	95	93765	5.17	
117 1,2-Dibromo-3-Chloropropane	75	9.640	9.640	0.0	60	8869	4.56	
119 1,2,4-Trichlorobenzene	180	10.282	10.282	0.0	93	60270	5.09	
120 Hexachlorobutadiene	225	10.396	10.396	0.0	92	29973	5.10	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.500	10.500	0.0	97	143179	4.89	
122 1,2,3-Trichlorobenzene	180	10.697	10.697	0.0	94	54922	4.89	
S 123 1,3-Dichloropropene, Total	1				0		10.2	
S 124 1,2-Dichloroethene, Total	1				0		10.4	
S 125 Total BTEX	1				0		30.9	
S 126 Xylenes, Total	1				0		15.5	

Report Date: 22-Jul-2011 10:28:02

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9700.D

Injection Date: 21-Jul-2011 12:10:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5975T

Lims Batch ID: 24425

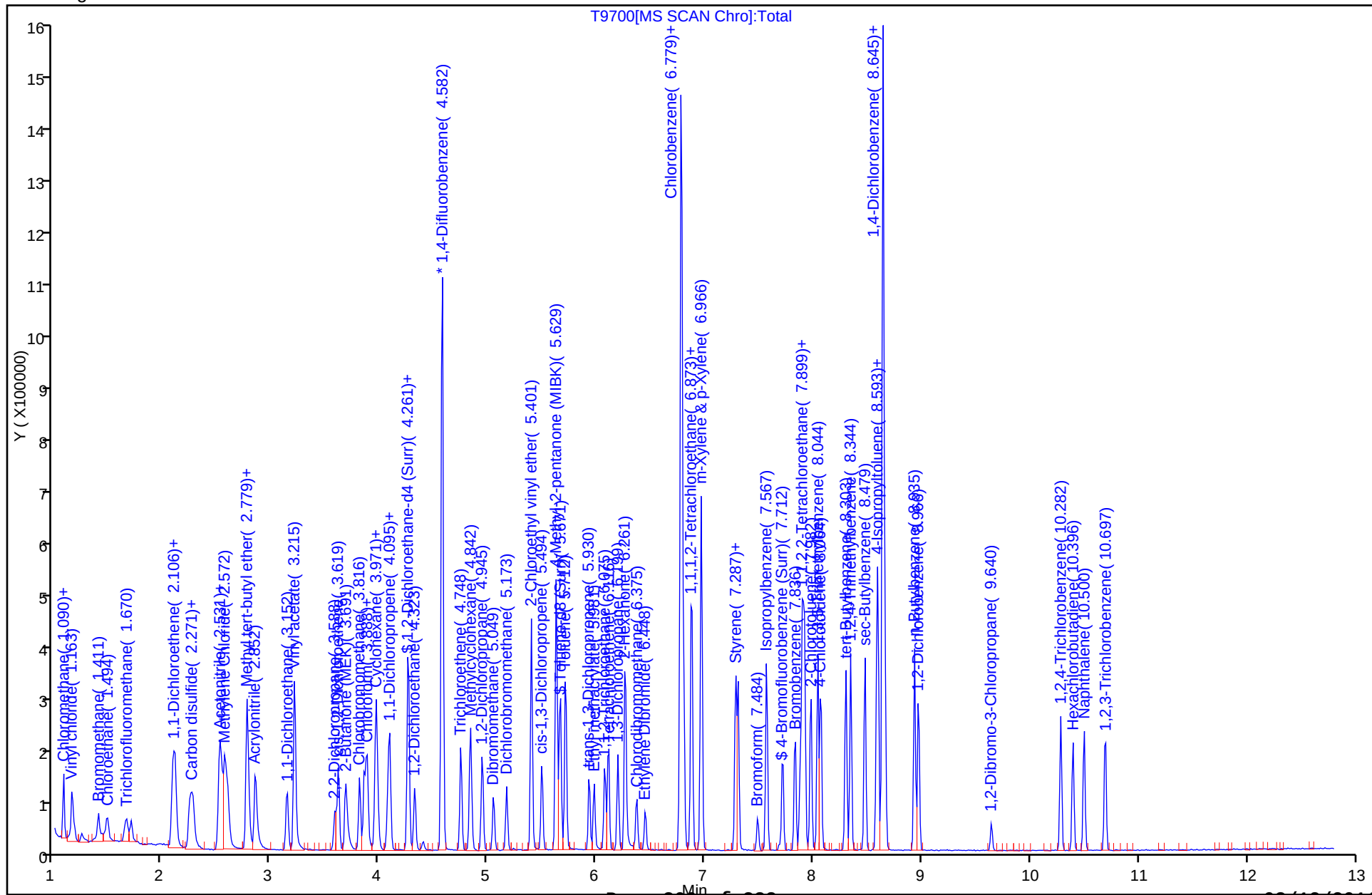
Lims Sample ID: 3

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9701.D
 Lims ID: STD-3 Client ID:
 Inject. Date: 21-Jul-2011 12:33:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 3
 Sample ID: STD-3
 Misc. Info.: 480-0004753-004
 Operator: LH Instrument ID: HP5975T
 Vol. Injected: 1.0000 ALS Bottle#: 4
 Lims Batch ID: 24425 Lims Sample ID: 4
 Sublist: chrom-T-8260*sub3
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T-8260.m
 Last Update: 22-Jul-2011 10:28:04 Calib Date: 21-Jul-2011 18:26:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 21-Jul-2011 14:18:07

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.582	4.582	0.0	96	647308	25.0	
* 2 Chlorobenzene-d5	117	6.779	6.779	0.0	73	570073	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.645	8.645	0.0	85	306033	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.272	4.271	0.001	0	97319	9.56	
\$ 6 Toluene-d8 (Surr)	98	5.671	5.670	0.001	92	268462	9.52	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.722	7.722	0.0	89	81026	9.68	
11 Dichlorodifluoromethane	85	0.976	0.966	0.010	86	84915	9.66	
13 Chloromethane	50	1.090	1.090	0.0	89	158201	10.1	
14 Vinyl chloride	62	1.173	1.173	0.0	82	108761	9.78	
15 Bromomethane	94	1.411	1.411	0.0	93	36634	9.74	
16 Chloroethane	64	1.494	1.494	0.0	89	56583	9.92	
17 Trichlorofluoromethane	101	1.670	1.670	0.0	79	85723	10.0	
21 Acrolein	56	2.095	2.095	0.0	97	134286	198.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.106	2.106	0.0	75	65692	9.77	
22 1,1-Dichloroethene	96	2.116	2.116	0.0	83	74446	9.60	
23 Acetone	43	2.251	2.251	0.0	99	214217	47.7	
24 Iodomethane	142	2.272	2.271	0.001	98	91076	10.3	
25 Carbon disulfide	76	2.282	2.282	0.0	99	174550	9.83	
28 Methyl acetate	43	2.520	2.520	0.0	97	153202	9.78	
29 Acetonitrile	40	2.531	2.530	0.001	100	323350	364.0	
30 Methylene Chloride	84	2.593	2.582	0.011	83	90528	9.12	
32 trans-1,2-Dichloroethene	96	2.779	2.779	0.0	90	81829	9.72	
33 Methyl tert-butyl ether	73	2.790	2.790	0.0	89	220076	10.1	
34 Acrylonitrile	53	2.862	2.852	0.010	98	232373	51.0	
36 1,1-Dichloroethane	63	3.152	3.152	0.0	85	171152	9.98	
39 Vinyl acetate	43	3.215	3.214	0.001	97	844084	51.9	
42 2,2-Dichloropropane	77	3.598	3.588	0.010	62	61161	10.1	
43 cis-1,2-Dichloroethene	96	3.619	3.619	0.0	71	91354	10.1	
44 2-Butanone (MEK)	43	3.691	3.681	0.010	97	303781	48.8	
47 Chlorobromomethane	128	3.816	3.815	0.001	88	46148	9.81	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Tetrahydrofuran	42	3.857	3.847	0.010	93	195020	50.0	
50 Chloroform	83	3.888	3.888	0.0	82	148359	9.53	
52 Cyclohexane	56	3.971	3.971	0.0	95	167022	10.1	
51 1,1,1-Trichloroethane	97	3.971	3.971	0.0	71	104957	9.70	
53 Carbon tetrachloride	117	4.085	4.085	0.0	64	100095	9.68	
54 1,1-Dichloropropene	75	4.095	4.095	0.0	88	109005	9.88	
55 Benzene	78	4.261	4.261	0.0	94	322493	9.98	
57 1,2-Dichloroethane	62	4.323	4.323	0.0	90	131525	9.81	
60 Trichloroethene	95	4.748	4.748	0.0	92	85347	9.85	
62 Methylcyclohexane	83	4.842	4.841	0.001	97	126927	10.1	
63 1,2-Dichloropropane	63	4.945	4.945	0.0	91	93048	9.64	
65 Dibromomethane	93	5.049	5.049	0.0	91	53034	9.94	
67 Dichlorobromomethane	83	5.173	5.173	0.0	91	100051	9.90	
69 2-Chloroethyl vinyl ether	63	5.401	5.401	0.0	90	263336	50.9	
71 cis-1,3-Dichloropropene	75	5.494	5.494	0.0	86	121467	10.1	
72 4-Methyl-2-pentanone (MIBK)	43	5.629	5.629	0.0	98	595691	48.8	
73 Toluene	92	5.722	5.712	0.010	97	191313	9.78	
75 trans-1,3-Dichloropropene	75	5.930	5.930	0.0	94	101777	10.0	
77 Ethyl methacrylate	69	5.981	5.981	0.0	94	93416	10.2	
78 1,1,2-Trichloroethane	83	6.075	6.075	0.0	88	61024	9.94	
79 Tetrachloroethene	166	6.116	6.116	0.0	84	87236	9.67	
80 1,3-Dichloropropane	76	6.199	6.199	0.0	97	121193	9.72	
81 2-Hexanone	43	6.261	6.261	0.0	99	446526	50.5	
82 Chlorodibromomethane	129	6.375	6.375	0.0	87	78145	9.92	
83 Ethylene Dibromide	107	6.448	6.448	0.0	97	74495	9.92	
86 Chlorobenzene	112	6.811	6.810	0.0	87	227115	9.91	
88 Ethylbenzene	91	6.873	6.873	0.0	99	341966	9.90	
89 1,1,1,2-Tetrachloroethane	131	6.883	6.883	0.0	41	76844	9.57	
90 m-Xylene & p-Xylene	106	6.966	6.966	0.0	97	271441	19.6	
91 o-Xylene	106	7.287	7.287	0.0	94	131990	9.86	
92 Styrene	104	7.308	7.308	0.0	87	220841	10.1	
93 Bromoform	173	7.484	7.484	0.0	95	44472	9.67	
95 Isopropylbenzene	105	7.567	7.567	0.0	96	342412	10.0	
97 Bromobenzene	156	7.836	7.836	0.0	94	90736	9.94	
98 1,1,2,2-Tetrachloroethane	83	7.878	7.878	0.0	50	101553	9.58	
99 N-Propylbenzene	91	7.899	7.899	0.0	95	410447	9.87	
100 1,2,3-Trichloropropane	110	7.909	7.909	0.0	76	30910	9.70	
101 trans-1,4-Dichloro-2-butene	53	7.919	7.919	0.0	84	152597	50.3	
105 2-Chlorotoluene	126	7.982	7.981	0.001	96	90662	10.4	
104 1,3,5-Trimethylbenzene	105	8.044	8.044	0.0	66	287123	10.1	
102 4-Chlorotoluene	91	8.064	8.075	-0.011	96	282283	9.81	
106 tert-Butylbenzene	134	8.303	8.303	0.0	92	65294	10.3	
107 1,2,4-Trimethylbenzene	105	8.344	8.344	0.0	97	287799	9.98	
109 sec-Butylbenzene	105	8.479	8.479	0.0	95	368305	9.94	
110 1,3-Dichlorobenzene	146	8.583	8.582	0.001	98	181669	9.84	
111 4-Isopropyltoluene	119	8.593	8.593	0.0	97	320219	10.0	
113 1,4-Dichlorobenzene	146	8.665	8.665	0.0	92	187930	9.83	
115 n-Butylbenzene	91	8.935	8.935	0.0	92	288803	9.78	
116 1,2-Dichlorobenzene	146	8.966	8.966	0.0	95	175980	9.80	
117 1,2-Dibromo-3-Chloropropane	75	9.640	9.640	0.0	67	17426	9.22	
119 1,2,4-Trichlorobenzene	180	10.282	10.282	0.0	90	116923	9.93	
120 Hexachlorobutadiene	225	10.396	10.396	0.0	94	54792	9.50	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.500	10.500	0.0	97	292053	10.0	
122 1,2,3-Trichlorobenzene	180	10.697	10.697	0.0	92	111967	10.0	
S 123 1,3-Dichloropropene, Total	1				0		20.1	
S 124 1,2-Dichloroethene, Total	1				0		19.8	
S 125 Total BTEX	1				0		59.2	
S 126 Xylenes, Total	1				0		29.5	

Report Date: 22-Jul-2011 10:28:05

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9701.D

Injection Date: 21-Jul-2011 12:33:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5975T

Lims Batch ID: 24425

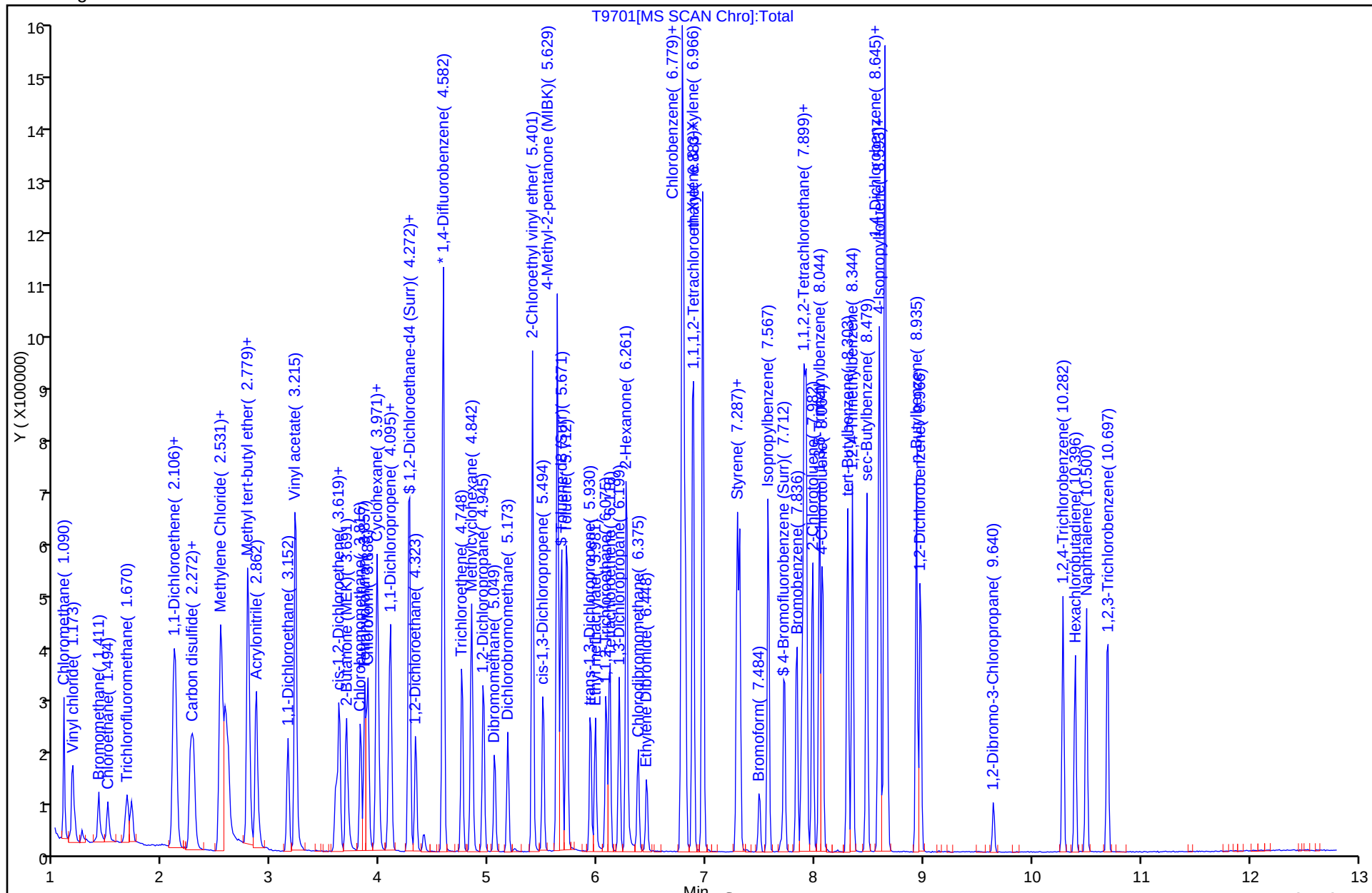
Lims Sample ID: 4

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9702.D
 Lims ID: STD-4 Client ID:
 Inject. Date: 21-Jul-2011 12:57:30 Dil. Factor: 1.0000
 Sample Type: ICIS Calib Level: 4
 Sample ID: STD-4
 Misc. Info.: 480-0004753-005
 Operator: LH Instrument ID: HP5975T
 Vol. Injected: 1.0000 ALS Bottle#: 5
 Lims Batch ID: 24425 Lims Sample ID: 5
 Sublist: chrom-T-8260*sub3
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T-8260.m
 Last Update: 22-Jul-2011 10:28:08 Calib Date: 21-Jul-2011 18:26:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 21-Jul-2011 14:16:33

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.582	4.582	0.0	91	673938	25.0	
* 2 Chlorobenzene-d5	117	6.779	6.779	0.0	83	592820	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.645	8.645	0.0	73	311911	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.271	4.271	0.0	0	278011	26.2	
\$ 6 Toluene-d8 (Surr)	98	5.670	5.670	0.0	92	804153	27.4	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.722	7.722	0.0	89	236023	27.1	
11 Dichlorodifluoromethane	85	0.966	0.966	0.0	87	231779	25.3	
13 Chloromethane	50	1.090	1.090	0.0	88	393246	24.1	
14 Vinyl chloride	62	1.173	1.173	0.0	82	289825	25.0	
15 Bromomethane	94	1.411	1.411	0.0	93	93210	23.8	
16 Chloroethane	64	1.494	1.494	0.0	93	143923	24.2	
17 Trichlorofluoromethane	101	1.670	1.670	0.0	80	244029	27.5	
21 Acrolein	56	2.095	2.095	0.0	97	354929	503.7	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.106	2.106	0.0	63	186922	26.7	
22 1,1-Dichloroethene	96	2.116	2.116	0.0	84	201445	24.9	
23 Acetone	43	2.251	2.251	0.0	98	554750	118.6	
24 Iodomethane	142	2.271	2.271	0.0	99	234403	25.4	
25 Carbon disulfide	76	2.282	2.282	0.0	99	487431	26.4	
28 Methyl acetate	43	2.520	2.520	0.0	98	410283	25.2	
29 Acetonitrile	40	2.530	2.530	0.0	99	951507	1028.9	
30 Methylene Chloride	84	2.582	2.582	0.0	85	238401	23.1	
32 trans-1,2-Dichloroethene	96	2.779	2.779	0.0	90	222364	25.4	
33 Methyl tert-butyl ether	73	2.790	2.790	0.0	91	582027	25.6	
34 Acrylonitrile	53	2.852	2.852	0.0	99	612032	129.1	
36 1,1-Dichloroethane	63	3.152	3.152	0.0	85	449069	25.1	
39 Vinyl acetate	43	3.214	3.214	0.0	97	2412672	142.5	
42 2,2-Dichloropropane	77	3.588	3.588	0.0	82	157764	25.1	
43 cis-1,2-Dichloroethene	96	3.619	3.619	0.0	71	237112	25.1	
44 2-Butanone (MEK)	43	3.681	3.681	0.0	98	821258	126.7	
47 Chlorobromomethane	128	3.815	3.815	0.0	89	126834	25.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Tetrahydrofuran	42	3.847	3.847	0.0	93	528933	130.2	
50 Chloroform	83	3.888	3.888	0.0	83	391174	24.1	
52 Cyclohexane	56	3.971	3.971	0.0	95	471640	27.5	
51 1,1,1-Trichloroethane	97	3.971	3.971	0.0	75	293743	26.1	
53 Carbon tetrachloride	117	4.085	4.085	0.0	64	292576	27.2	
54 1,1-Dichloropropene	75	4.095	4.095	0.0	88	304072	26.5	
55 Benzene	78	4.261	4.261	0.0	97	852375	25.3	
57 1,2-Dichloroethane	62	4.323	4.323	0.0	90	343872	24.6	
60 Trichloroethene	95	4.748	4.748	0.0	93	234070	25.9	
62 Methylcyclohexane	83	4.841	4.841	0.0	98	360984	27.5	
63 1,2-Dichloropropane	63	4.945	4.945	0.0	91	252941	25.2	
65 Dibromomethane	93	5.049	5.049	0.0	90	135434	24.4	
67 Dichlorobromomethane	83	5.173	5.173	0.0	91	273798	26.0	
69 2-Chloroethyl vinyl ether	63	5.401	5.401	0.0	91	799449	148.3	
71 cis-1,3-Dichloropropene	75	5.494	5.494	0.0	87	331263	26.5	
72 4-Methyl-2-pentanone (MIBK)	43	5.629	5.629	0.0	98	1692579	133.4	
73 Toluene	92	5.712	5.712	0.0	96	522815	25.7	
75 trans-1,3-Dichloropropene	75	5.930	5.930	0.0	94	295250	28.0	
77 Ethyl methacrylate	69	5.981	5.981	0.0	95	262667	27.5	
78 1,1,2-Trichloroethane	83	6.075	6.075	0.0	84	166420	26.1	
79 Tetrachloroethene	166	6.116	6.116	0.0	83	237595	25.3	
80 1,3-Dichloropropane	76	6.199	6.199	0.0	98	331739	25.6	
81 2-Hexanone	43	6.261	6.261	0.0	98	1227455	133.6	
82 Chlorodibromomethane	129	6.375	6.375	0.0	89	217034	26.5	
83 Ethylene Dibromide	107	6.448	6.448	0.0	98	205039	26.3	
86 Chlorobenzene	112	6.810	6.810	0.0	86	611474	25.7	
88 Ethylbenzene	91	6.873	6.873	0.0	98	977061	27.2	
89 1,1,1,2-Tetrachloroethane	131	6.883	6.883	0.0	41	216267	25.9	
90 m-Xylene & p-Xylene	106	6.966	6.966	0.0	98	777728	54.1	
91 o-Xylene	106	7.287	7.287	0.0	95	371694	26.7	
92 Styrene	104	7.308	7.308	0.0	87	630611	27.7	
93 Bromoform	173	7.484	7.484	0.0	96	133291	27.9	
95 Isopropylbenzene	105	7.567	7.567	0.0	96	979936	28.2	
97 Bromobenzene	156	7.836	7.836	0.0	94	244466	26.3	
98 1,1,2,2-Tetrachloroethane	83	7.878	7.878	0.0	50	279687	25.9	
99 N-Propylbenzene	91	7.899	7.899	0.0	95	1203350	28.4	
100 1,2,3-Trichloropropane	110	7.909	7.909	0.0	81	85240	26.2	
101 trans-1,4-Dichloro-2-butene	53	7.919	7.919	0.0	88	442349	143.2	
105 2-Chlorotoluene	126	7.981	7.981	0.0	96	251854	28.3	
104 1,3,5-Trimethylbenzene	105	8.044	8.044	0.0	65	825312	28.5	
102 4-Chlorotoluene	91	8.075	8.075	0.0	96	808805	27.6	
106 tert-Butylbenzene	134	8.303	8.303	0.0	92	192255	29.8	
107 1,2,4-Trimethylbenzene	105	8.344	8.344	0.0	97	845057	28.8	
109 sec-Butylbenzene	105	8.479	8.479	0.0	94	1076750	28.5	
110 1,3-Dichlorobenzene	146	8.582	8.582	0.0	91	495155	26.3	
111 4-Isopropyltoluene	119	8.593	8.593	0.0	93	940655	28.9	
113 1,4-Dichlorobenzene	146	8.665	8.665	0.0	83	505764	26.0	
115 n-Butylbenzene	91	8.935	8.935	0.0	92	823530	27.4	
116 1,2-Dichlorobenzene	146	8.966	8.966	0.0	92	476985	26.1	
117 1,2-Dibromo-3-Chloropropane	75	9.640	9.640	0.0	80	47022	24.4	
119 1,2,4-Trichlorobenzene	180	10.282	10.282	0.0	93	319329	26.6	
120 Hexachlorobutadiene	225	10.396	10.396	0.0	95	155083	26.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.500	10.500	0.0	97	873980	29.4	
122 1,2,3-Trichlorobenzene	180	10.697	10.697	0.0	94	305798	26.8	
S 123 1,3-Dichloropropene, Total	1				0		54.5	
S 124 1,2-Dichloroethene, Total	1				0		50.5	
S 125 Total BTEX	1				0		159.1	
S 126 Xylenes, Total	1				0		80.8	

Report Date: 22-Jul-2011 10:28:09

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9702.D

Injection Date: 21-Jul-2011 12:57:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5975T

Lims Batch ID: 24425

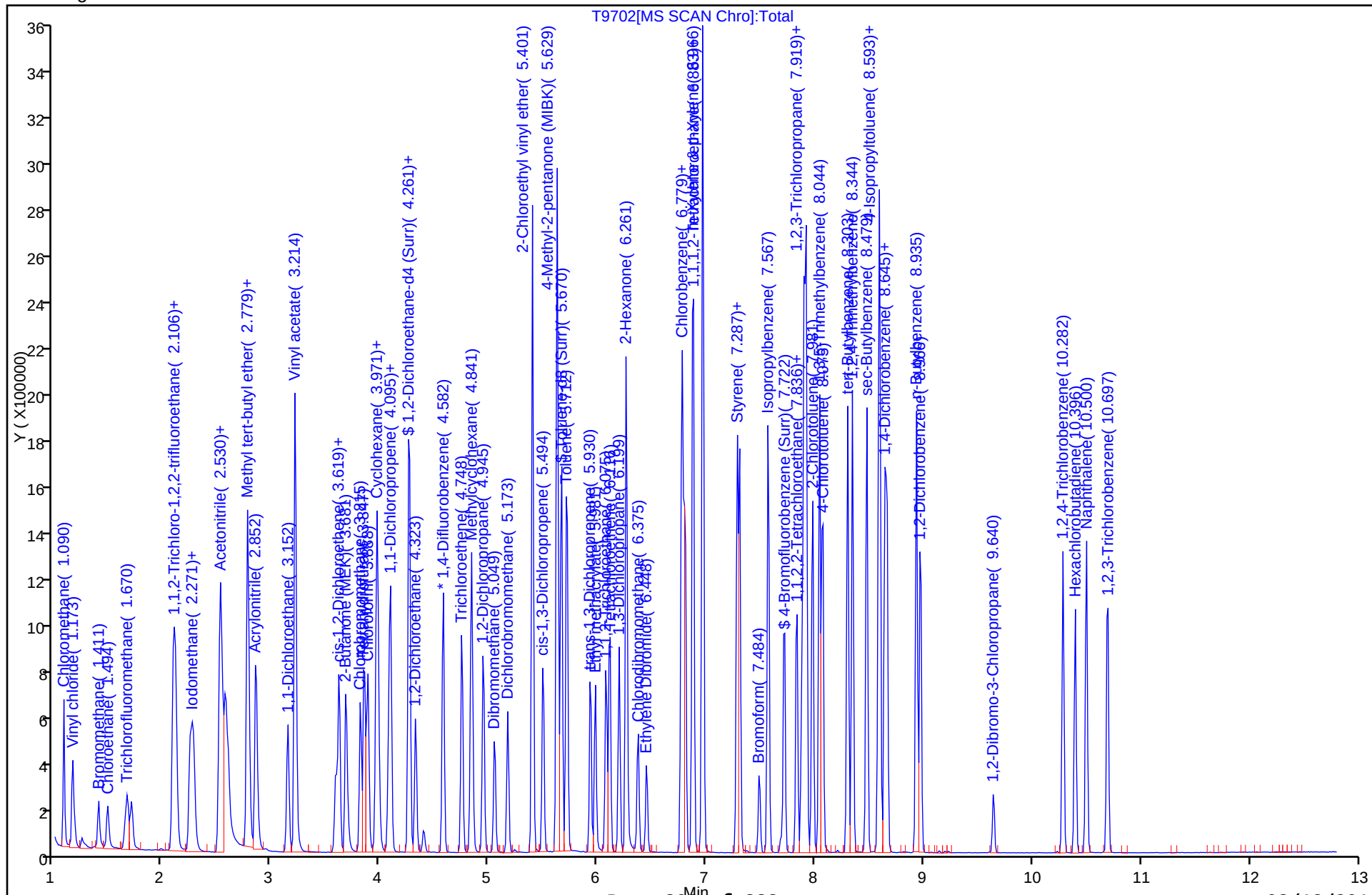
Lims Sample ID: 5

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9704.D
 Lims ID: STD-6 Client ID:
 Inject. Date: 21-Jul-2011 13:43:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 6
 Sample ID: STD-6
 Misc. Info.: 480-0004753-007
 Operator: LH Instrument ID: HP5975T
 Vol. Injected: 1.0000 ALS Bottle#: 7
 Lims Batch ID: 24425 Lims Sample ID: 7
 Sublist: chrom-T-8260*sub3
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T-8260.m
 Last Update: 22-Jul-2011 10:28:13 Calib Date: 21-Jul-2011 18:26:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 21-Jul-2011 14:19:03

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.582	4.582	0.0	95	735559	25.0	
* 2 Chlorobenzene-d5	117	6.779	6.779	0.0	66	661334	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.645	8.645	0.0	91	349884	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.271	4.271	0.0	0	1128378	98.0	
\$ 6 Toluene-d8 (Surr)	98	5.670	5.670	0.0	93	3309678	100.3	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.722	7.722	0.0	88	1013059	102.9	
11 Dichlorodifluoromethane	85	0.966	0.966	0.0	88	927629	94.7	
13 Chloromethane	50	1.090	1.090	0.0	89	1612450	93.1	
14 Vinyl chloride	62	1.173	1.173	0.0	83	1213545	97.0	
15 Bromomethane	94	1.411	1.411	0.0	92	412824	97.6	
16 Chloroethane	64	1.494	1.494	0.0	92	579652	92.2	
17 Trichlorofluoromethane	101	1.681	1.670	0.011	80	1074302	107.3	
21 Acrolein	56	2.095	2.095	0.0	98	1500043	1966.3	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.106	2.106	0.0	82	737604	96.7	
22 1,1-Dichloroethene	96	2.116	2.116	0.0	84	841049	96.6	
23 Acetone	43	2.251	2.251	0.0	99	2259203	459.1	
24 Iodomethane	142	2.271	2.271	0.0	99	965963	96.9	
25 Carbon disulfide	76	2.282	2.282	0.0	100	2097257	102.5	
28 Methyl acetate	43	2.510	2.520	-0.010	100	1746429	98.4	
29 Acetonitrile	40	2.530	2.530	0.0	94	3942945	3977.5	
30 Methylene Chloride	84	2.582	2.582	0.0	84	943381	88.2	
32 trans-1,2-Dichloroethene	96	2.779	2.779	0.0	91	929001	97.9	
33 Methyl tert-butyl ether	73	2.779	2.790	-0.011	92	2584456	103.1	
34 Acrylonitrile	53	2.852	2.852	0.0	98	2599253	500.7	
36 1,1-Dichloroethane	63	3.152	3.152	0.0	85	1885035	97.7	
39 Vinyl acetate	43	3.214	3.214	0.0	97	11379680	574.9	
42 2,2-Dichloropropane	77	3.588	3.588	0.0	84	640540	95.3	
43 cis-1,2-Dichloroethene	96	3.619	3.619	0.0	72	1012405	98.6	
44 2-Butanone (MEK)	43	3.681	3.681	0.0	98	3628524	508.8	
47 Chlorobromomethane	128	3.816	3.815	0.001	89	525048	98.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Tetrahydrofuran	42	3.847	3.847	0.0	92	2371862	524.0	
50 Chloroform	83	3.888	3.888	0.0	83	1631959	94.8	
52 Cyclohexane	56	3.971	3.971	0.0	94	1985740	103.4	
51 1,1,1-Trichloroethane	97	3.971	3.971	0.0	74	1256356	101.6	
53 Carbon tetrachloride	117	4.085	4.085	0.0	64	1257606	105.0	
54 1,1-Dichloropropene	75	4.095	4.095	0.0	88	1305746	102.9	
55 Benzene	78	4.261	4.261	0.0	94	3618622	99.0	
57 1,2-Dichloroethane	62	4.323	4.323	0.0	90	1453018	96.7	
60 Trichloroethene	95	4.748	4.748	0.0	92	973840	99.2	
62 Methylcyclohexane	83	4.841	4.841	0.0	98	1580155	106.7	
63 1,2-Dichloropropane	63	4.945	4.945	0.0	93	1098904	100.1	
65 Dibromomethane	93	5.049	5.049	0.0	92	599511	99.2	
67 Dichlorobromomethane	83	5.173	5.173	0.0	92	1246209	106.2	
69 2-Chloroethyl vinyl ether	63	5.401	5.401	0.0	90	3702205	518.4	
71 cis-1,3-Dichloropropene	75	5.494	5.494	0.0	87	1531181	108.5	
72 4-Methyl-2-pentanone (MIBK)	43	5.629	5.629	0.0	98	7430108	515.8	
73 Toluene	92	5.722	5.712	0.010	97	2271541	99.8	
75 trans-1,3-Dichloropropene	75	5.930	5.930	0.0	93	1391002	112.2	
77 Ethyl methacrylate	69	5.981	5.981	0.0	95	1238002	111.1	
78 1,1,2-Trichloroethane	83	6.075	6.075	0.0	87	727853	101.1	
79 Tetrachloroethene	166	6.116	6.116	0.0	83	1012582	97.4	
80 1,3-Dichloropropane	76	6.199	6.199	0.0	98	1470571	101.1	
81 2-Hexanone	43	6.261	6.261	0.0	98	5285671	508.6	
82 Chlorodibromomethane	129	6.375	6.375	0.0	89	1020535	107.8	
83 Ethylene Dibromide	107	6.448	6.448	0.0	98	907481	102.8	
86 Chlorobenzene	112	6.810	6.810	0.0	86	2664678	99.9	
88 Ethylbenzene	91	6.873	6.873	0.0	98	4330925	105.4	
89 1,1,1,2-Tetrachloroethane	131	6.883	6.883	0.0	41	960575	101.9	
90 m-Xylene & p-Xylene	106	6.966	6.966	0.0	98	3449403	210.3	
91 o-Xylene	106	7.287	7.287	0.0	95	1650377	103.9	
92 Styrene	104	7.308	7.308	0.0	77	2857940	108.3	
93 Bromoform	173	7.484	7.484	0.0	96	638852	113.4	
95 Isopropylbenzene	105	7.567	7.567	0.0	96	4366179	107.5	
97 Bromobenzene	156	7.836	7.836	0.0	94	1086189	102.7	
98 1,1,2,2-Tetrachloroethane	83	7.878	7.878	0.0	50	1212450	99.7	
99 N-Propylbenzene	91	7.899	7.899	0.0	93	5331749	107.5	
100 1,2,3-Trichloropropane	110	7.909	7.909	0.0	85	362878	99.0	
101 trans-1,4-Dichloro-2-butene	53	7.919	7.919	0.0	91	2046296	556.5	
105 2-Chlorotoluene	126	7.981	7.981	0.0	96	1082173	105.3	
104 1,3,5-Trimethylbenzene	105	8.044	8.044	0.0	65	3692497	108.7	
102 4-Chlorotoluene	91	8.075	8.075	0.0	96	3476626	103.6	
106 tert-Butylbenzene	134	8.303	8.303	0.0	91	853225	111.3	
107 1,2,4-Trimethylbenzene	105	8.344	8.344	0.0	97	3706992	107.9	
109 sec-Butylbenzene	105	8.479	8.479	0.0	94	4933450	110.7	
110 1,3-Dichlorobenzene	146	8.583	8.582	0.0	97	2147571	101.1	
111 4-Isopropyltoluene	119	8.603	8.593	0.010	95	4226834	110.0	
113 1,4-Dichlorobenzene	146	8.665	8.665	0.0	87	2176292	99.5	
115 n-Butylbenzene	91	8.935	8.935	0.0	92	3722646	106.8	
116 1,2-Dichlorobenzene	146	8.966	8.966	0.0	92	2093281	101.1	
117 1,2-Dibromo-3-Chloropropane	75	9.640	9.640	0.0	84	228906	103.9	
119 1,2,4-Trichlorobenzene	180	10.282	10.282	0.0	91	1541596	110.1	
120 Hexachlorobutadiene	225	10.396	10.396	0.0	96	727453	106.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.500	10.500	0.0	97	4394893	104.7	
122 1,2,3-Trichlorobenzene	180	10.697	10.697	0.0	93	1462676	109.1	
S 123 1,3-Dichloropropene, Total	1				0		220.7	
S 124 1,2-Dichloroethene, Total	1				0		196.5	
S 125 Total BTEX	1				0		618.4	
S 126 Xylenes, Total	1				0		314.2	

Report Date: 22-Jul-2011 10:28:13

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9704.D

Injection Date: 21-Jul-2011 13:43:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5975T

Lims Batch ID: 24425

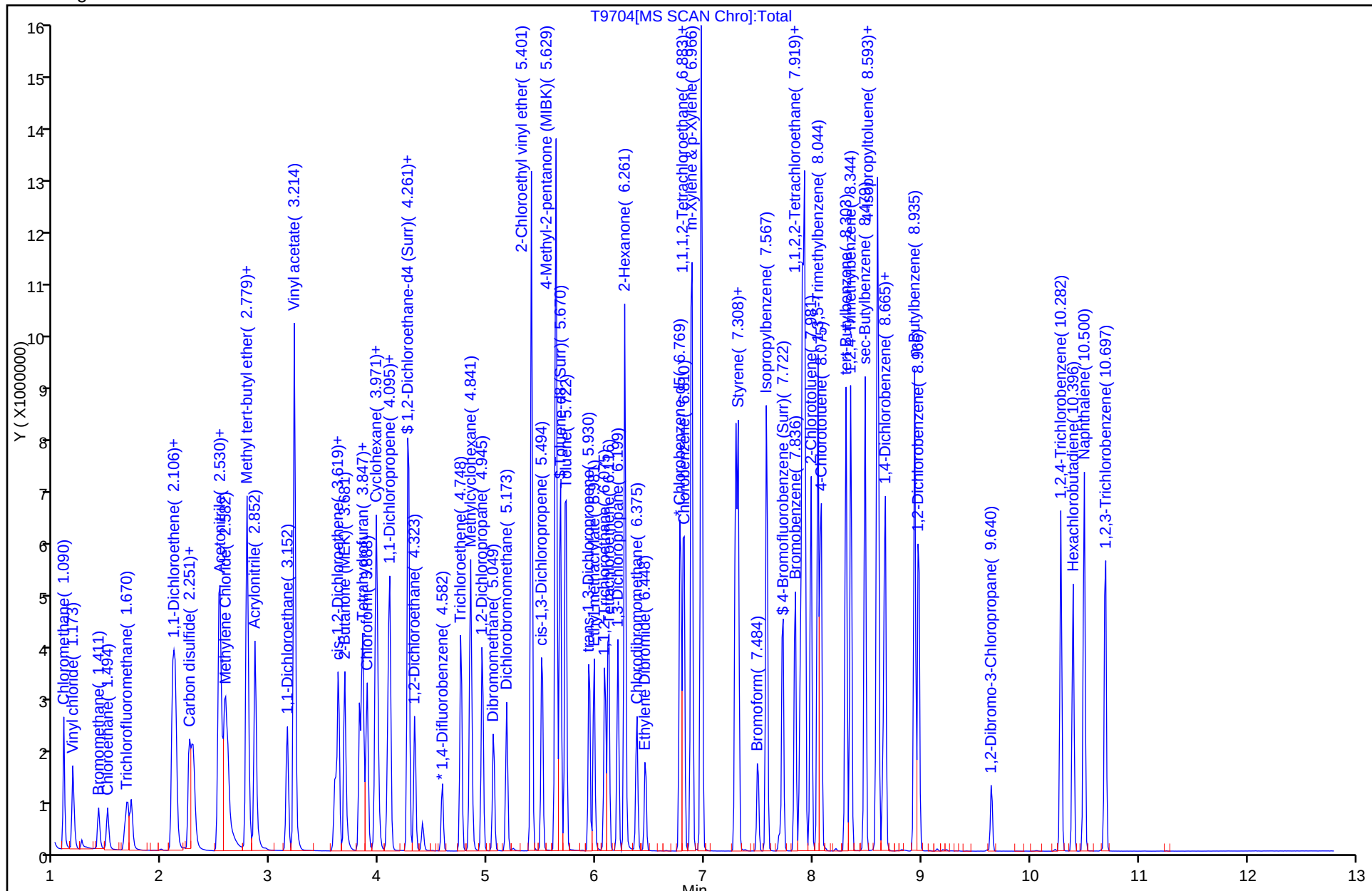
Lims Sample ID: 7

Operator ID: LH

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.: 480-7718-1

SDG No.: _____

Lab Sample ID: CCVIS 480-25167/2 Calibration Date: 07/27/2011 10:50

Instrument ID: HP5973C Calib Start Date: 07/20/2011 14:44

GC Column: ZB-624 (30) ID: 0.53 (mm) Calib End Date: 07/20/2011 16:52

Lab File ID: C12648.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	0.3531	0.3958		28.0	25.0	12.1	50.0
Chloromethane	Ave	0.4483	0.4149	0.1000	23.1	25.0	-7.4	50.0
Vinyl chloride	Ave	0.4297	0.4280		24.9	25.0	-0.4	20.0
Bromomethane	Ave	0.2536	0.2585		25.5	25.0	1.9	50.0
Chloroethane	Ave	0.2562	0.2697		26.3	25.0	5.3	50.0
Trichlorofluoromethane	Ave	0.4878	0.5315		27.2	25.0	9.0	50.0
Acrolein	Ave	0.0190	0.0146		385	500	-23.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2764	0.2920		26.4	25.0	5.6	50.0
1,1-Dichloroethene	Ave	0.2801	0.2991	0.1000	26.7	25.0	6.8	20.0
Acetone	Ave	0.1107	0.0856		96.6	125	-22.7	50.0
Iodomethane	Ave	0.3411	0.3477		25.5	25.0	1.9	50.0
Carbon disulfide	Ave	0.8704	0.8268		23.7	25.0	-5.0	50.0
Methyl acetate	Ave	0.4138	0.3384		20.4	25.0	-18.2	50.0
Acetonitrile	Ave	0.0262	0.0199		759	1000	-24.1	50.0
Methylene Chloride	Ave	0.3710	0.3592		24.2	25.0	-3.2	50.0
Methyl tert-butyl ether	Ave	0.8836	0.8222		23.3	25.0	-6.9	50.0
Acrylonitrile	Ave	0.1323	0.1161		110	125	-12.2	50.0
trans-1,2-Dichloroethene	Ave	0.3151	0.3363		26.7	25.0	6.7	50.0
Vinyl acetate	Ave	0.5339	0.4902		115	125	-8.2	50.0
1,1-Dichloroethane	Ave	0.6256	0.6395		25.6	25.0	2.2	50.0
2-Butanone (MEK)	Ave	0.1562	0.1257		101	125	-19.5	50.0
2,2-Dichloropropane	Ave	0.4338	0.5049		29.1	25.0	16.4	50.0
cis-1,2-Dichloroethene	Ave	0.3354	0.3584		26.7	25.0	6.9	50.0
Bromochloromethane	Ave	0.1688	0.1721		25.5	25.0	2.0	50.0
Chloroform	Ave	0.6006	0.6010		25.0	25.0	0.0	20.0
Tetrahydrofuran	Ave	0.0987	0.0787		99.6	125	-20.3	50.0
1,1,1-Trichloroethane	Ave	0.4875	0.5381		27.6	25.0	10.4	50.0
Cyclohexane	Ave	0.5688	0.5804		25.5	25.0	2.0	50.0
1,1-Dichloropropene	Ave	0.4061	0.4487		27.6	25.0	10.5	50.0
Carbon tetrachloride	Ave	0.4328	0.4773		27.6	25.0	10.3	50.0
Benzene	Ave	1.204	1.285		26.7	25.0	6.7	50.0
1,2-Dichloroethane	Ave	0.5089	0.5020		24.7	25.0	-1.4	50.0
Trichloroethene	Ave	0.3156	0.3414		27.0	25.0	8.2	50.0
Methylcyclohexane	Ave	0.4725	0.4992		26.4	25.0	5.6	50.0
1,2-Dichloropropane	Ave	0.3451	0.3632		26.3	25.0	5.2	20.0
Dibromomethane	Ave	0.2022	0.2057		25.4	25.0	1.7	50.0
Bromodichloromethane	Ave	0.4243	0.4493		26.5	25.0	5.9	50.0
2-Chloroethyl vinyl ether	Ave	0.1752	0.1767		126	125	0.8	50.0
cis-1,3-Dichloropropene	Ave	0.4660	0.5111		27.4	25.0	9.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5851	0.4848		104	125	-17.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Lab Sample ID: CCVIS 480-25167/2 Calibration Date: 07/27/2011 10:50

Instrument ID: HP5973C Calib Start Date: 07/20/2011 14:44

GC Column: ZB-624 (30) ID: 0.53 (mm) Calib End Date: 07/20/2011 16:52

Lab File ID: C12648.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	1.353	1.451		26.8	25.0	7.3	20.0
Ethyl methacrylate	Lin1F		0.5787		20.9	25.0	-16.4	50.0
trans-1,3-Dichloropropene	Ave	0.8178	0.8459		25.9	25.0	3.4	50.0
1,1,2-Trichloroethane	Ave	0.4297	0.4305		25.0	25.0	0.2	50.0
2-Hexanone	Ave	0.4017	0.3352		104	125	-16.6	50.0
Tetrachloroethene	Ave	0.5538	0.6199		28.0	25.0	11.9	50.0
1,3-Dichloropropane	Ave	0.8882	0.8835		24.9	25.0	-0.5	50.0
Dibromochloromethane	Ave	0.5870	0.6032		25.7	25.0	2.8	50.0
1,2-Dibromoethane	Ave	0.5239	0.5265		25.1	25.0	0.5	50.0
Chlorobenzene	Ave	1.509	1.612	0.3000	26.7	25.0	6.8	50.0
Ethylbenzene	Ave	2.569	2.794		27.2	25.0	8.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5688	0.5842		25.7	25.0	2.7	50.0
m,p-Xylene	Ave	0.996	1.118		56.2	50.0	12.3	50.0
o-Xylene	Ave	0.9538	1.066		27.9	25.0	11.7	50.0
Styrene	Ave	1.510	1.718		28.4	25.0	13.7	50.0
Isopropylbenzene	Ave	2.671	2.875		26.9	25.0	7.6	50.0
Bromoform	Ave	0.3549	0.3615	0.1000	25.5	25.0	1.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7516	0.6883	0.3000	22.9	25.0	-8.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2178	0.2088		120	125	-4.1	50.0
N-Propylbenzene	Ave	3.353	3.653		27.2	25.0	8.9	50.0
1,2,3-Trichloropropane	Ave	0.2329	0.2167		23.3	25.0	-7.0	50.0
Bromobenzene	Ave	0.6942	0.7258		26.1	25.0	4.5	50.0
1,3,5-Trimethylbenzene	Ave	2.247	2.447		27.2	25.0	8.9	50.0
2-Chlorotoluene	Ave	0.6399	0.6690		26.1	25.0	4.5	50.0
4-Chlorotoluene	Ave	0.6573	0.6926		26.3	25.0	5.4	50.0
tert-Butylbenzene	Ave	0.4388	0.4821		27.5	25.0	9.9	50.0
1,2,4-Trimethylbenzene	Ave	2.320	2.504		27.0	25.0	7.9	50.0
sec-Butylbenzene	Ave	2.883	3.160		27.4	25.0	9.6	50.0
4-Isopropyltoluene	Ave	2.269	2.532		27.9	25.0	11.6	50.0
1,3-Dichlorobenzene	Ave	1.317	1.379		26.2	25.0	4.7	50.0
1,4-Dichlorobenzene	Ave	1.368	1.421		26.0	25.0	3.8	50.0
n-Butylbenzene	Ave	2.178	2.372		27.2	25.0	8.9	50.0
1,2-Dichlorobenzene	Ave	1.293	1.306		25.3	25.0	1.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1518	0.1213		20.0	25.0	-20.1	50.0
1,2,4-Trichlorobenzene	Ave	0.8272	0.9096		27.5	25.0	10.0	50.0
Hexachlorobutadiene	Ave	0.3665	0.3872		26.4	25.0	5.7	50.0
Naphthalene	Lin1F		2.137		22.3	25.0	-10.8	50.0
1,2,3-Trichlorobenzene	Ave	0.8163	0.8284		25.4	25.0	1.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1888	0.2024		26.8	25.0	7.2	50.0
Toluene-d8 (Surr)	Ave	1.926	2.124		27.6	25.0	10.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.5740	0.6551		28.5	25.0	14.1	50.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12648.D
 Lims ID: CCVIS Client ID:
 Inject. Date: 27-Jul-2011 10:50:30 Dil. Factor: 1.0000
 Sample Type: CCVIS
 Sample ID: CCVIS
 Misc. Info.: 480-0004882-002
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 1
 Lims Batch ID: 25167 Lims Sample ID: 2
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C-8260.m
 Last Update: 27-Jul-2011 11:07:44 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 27-Jul-2011 11:07:44

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.455	0.0	95	652181	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	52	364494	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	81	354932	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	132021	26.8	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	82	774007	27.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	87	238773	28.5	
10 Dichlorodifluoromethane	85	4.486	4.486	0.0	98	258143	28.0	
12 Chloromethane	50	4.877	4.877	0.0	88	270618	23.1	
13 Vinyl chloride	62	5.114	5.114	0.0	84	279155	24.9	
14 Bromomethane	94	5.731	5.731	0.0	91	168609	25.5	
15 Chloroethane	64	5.873	5.873	0.0	99	175905	26.3	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	92	346634	27.2	
20 Acrolein	56	6.763	6.763	0.0	93	190395	385.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.810	6.810	0.0	78	190424	26.4	
22 1,1-Dichloroethene	96	6.869	6.869	0.0	84	195085	26.7	
23 Acetone	43	6.905	6.905	0.0	99	279162	96.6	
25 Iodomethane	142	7.095	7.095	0.0	98	226781	25.5	
26 Carbon disulfide	76	7.190	7.190	0.0	88	539197	23.7	
27 Methyl acetate	43	7.213	7.213	0.0	90	220690	20.4	
29 Acetonitrile	40	7.237	7.237	0.0	99	519180	758.6	
30 Methylene Chloride	84	7.379	7.379	0.0	92	234236	24.2	
32 Methyl tert-butyl ether	73	7.557	7.557	0.0	87	536241	23.3	
33 Acrylonitrile	53	7.617	7.617	0.0	98	378725	109.7	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	96	219326	26.7	
37 Vinyl acetate	43	7.960	7.960	0.0	97	1598480	114.8	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	85	417067	25.6	
43 2-Butanone (MEK)	43	8.470	8.470	0.0	94	409998	100.6	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	74	233731	26.7	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	64	329282	29.1	
48 Chlorobromomethane	128	8.743	8.743	0.0	82	112269	25.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	85	256556	99.6	
50 Chloroform	83	8.755	8.755	0.0	93	391957	25.0	
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	93	350959	27.6	
52 Cyclohexane	56	8.980	8.980	0.0	90	378520	25.5	
54 1,1-Dichloropropene	75	9.051	9.051	0.0	91	292630	27.6	
55 Carbon tetrachloride	117	9.075	9.075	0.0	65	311269	27.6	
57 Benzene	78	9.241	9.241	0.0	96	837839	26.7	
58 1,2-Dichloroethane	62	9.253	9.253	0.0	90	327400	24.7	
62 Trichloroethene	95	9.716	9.716	0.0	93	222658	27.0	
64 Methylcyclohexane	83	9.870	9.870	0.0	88	325549	26.4	
65 1,2-Dichloropropane	63	9.917	9.917	0.0	92	236876	26.3	
67 Dibromomethane	93	10.048	10.048	0.0	87	134167	25.4	
68 Dichlorobromomethane	83	10.119	10.119	0.0	89	293038	26.5	
69 2-Chloroethyl vinyl ether	63	10.237	10.237	0.0	90	576231	126.0	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	85	333326	27.4	
73 4-Methyl-2-pentanone (MIBK)	43	10.474	10.474	0.0	79	883610	103.6	
74 Toluene	92	10.712	10.712	0.0	96	528993	26.8	
75 Ethyl methacrylate	69	10.783	10.783	0.0	89	210923	20.9	
77 trans-1,3-Dichloropropene	75	10.854	10.854	0.0	95	308311	25.9	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	89	156907	25.0	
80 2-Hexanone	43	11.115	11.115	0.0	90	610947	104.3	
81 Tetrachloroethene	166	11.162	11.162	0.0	91	225953	28.0	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	90	322031	24.9	
83 Chlorodibromomethane	129	11.399	11.399	0.0	89	219853	25.7	
84 Ethylene Dibromide	107	11.530	11.530	0.0	97	191921	25.1	
87 Chlorobenzene	112	11.862	11.862	0.0	89	587545	26.7	
88 Ethylbenzene	91	11.874	11.874	0.0	89	1018252	27.2	
89 1,1,1,2-Tetrachloroethane	131	11.897	11.897	0.0	72	212946	25.7	
90 m-Xylene & p-Xylene	106	11.957	11.957	0.0	98	815208	56.2	
91 o-Xylene	106	12.301	12.301	0.0	88	388481	27.9	
92 Styrene	104	12.313	12.313	0.0	90	626197	28.4	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	1020371	26.9	
95 Bromoform	173	12.585	12.585	0.0	74	131752	25.5	
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	94	244294	22.9	
98 trans-1,4-Dichloro-2-butene	53	12.882	12.882	0.0	87	370550	119.9	
99 N-Propylbenzene	91	12.929	12.929	0.0	86	1296707	27.2	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	71	76922	23.3	
101 Bromobenzene	156	12.977	12.977	0.0	73	257594	26.1	
102 1,3,5-Trimethylbenzene	105	13.036	13.036	0.0	64	868471	27.2	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	237463	26.1	
105 4-Chlorotoluene	126	13.178	13.178	0.0	99	245821	26.3	
106 tert-Butylbenzene	134	13.380	13.380	0.0	79	171097	27.5	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	72	888617	27.0	
109 sec-Butylbenzene	105	13.570	13.570	0.0	94	1121494	27.4	
110 4-Isopropyltoluene	119	13.676	13.676	0.0	94	898672	27.9	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	85	489372	26.2	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	83	504330	26.0	
115 n-Butylbenzene	91	14.091	14.091	0.0	98	841729	27.2	
116 1,2-Dichlorobenzene	146	14.305	14.305	0.0	97	463621	25.3	
117 1,2-Dibromo-3-Chloropropane	75	15.194	15.194	0.0	65	43060	20.0	
119 1,2,4-Trichlorobenzene	180	16.238	16.238	0.0	91	322833	27.5	
120 Hexachlorobutadiene	225	16.344	16.344	0.0	93	137440	26.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.676	16.676	0.0	97	758327	22.3	
122 1,2,3-Trichlorobenzene	180	17.044	17.044	0.0	93	294015	25.4	
S 123 Total BTEX	1				0		164.8	
S 124 Xylenes, Total	1				0		84.1	
S 125 1,2-Dichloroethene, Total	1				0		53.4	
S 126 1,3-Dichloropropene, Total	1				0		53.3	

Report Date: 27-Jul-2011 11:07:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12648.D

Injection Date: 27-Jul-2011 10:50:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973C

Lims Batch ID: 25167

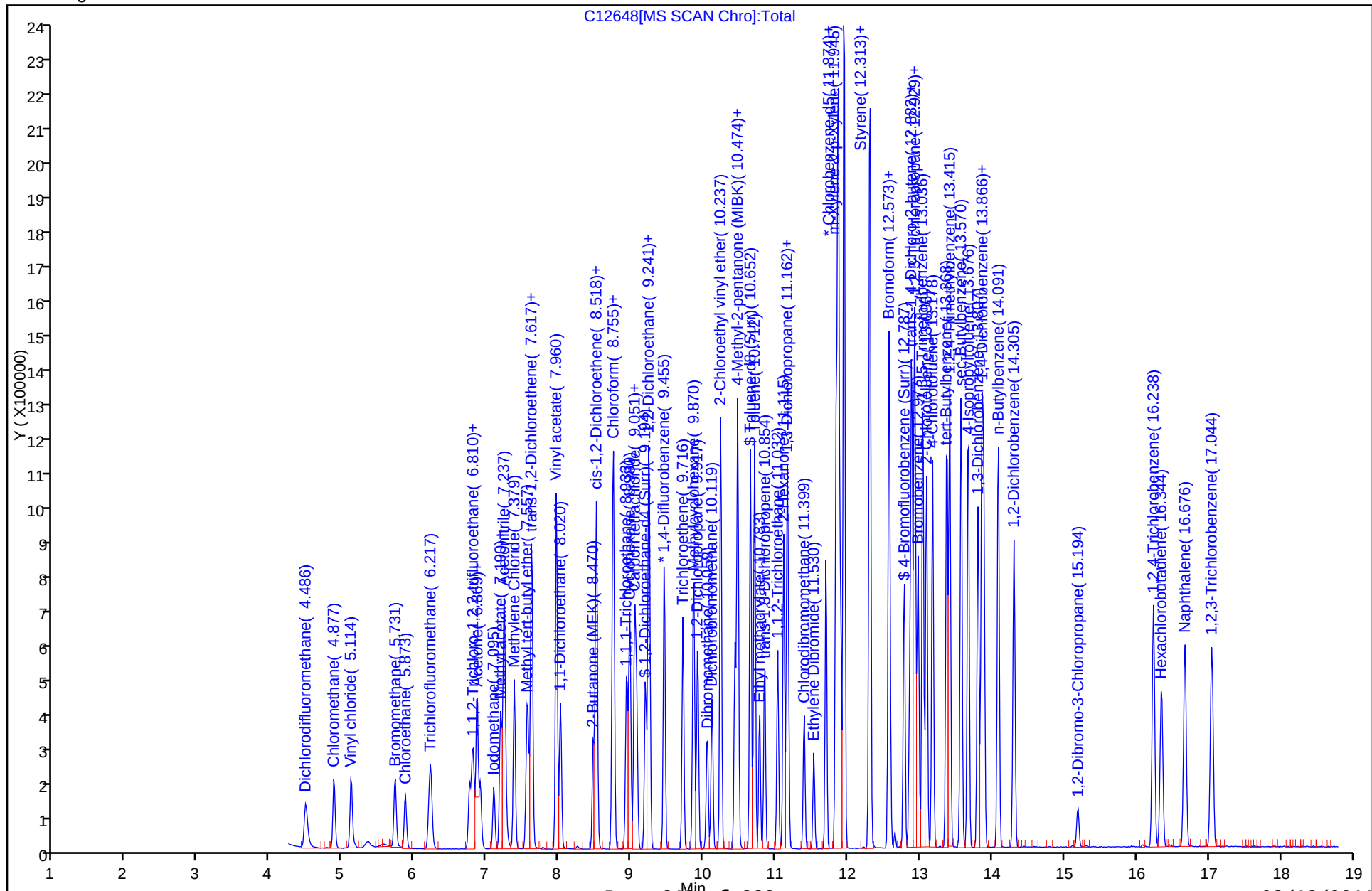
Lims Sample ID: 2

Operator ID: LH

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.: 480-7718-1

SDG No.: _____

Lab Sample ID: CCVIS 480-25432/2 Calibration Date: 07/28/2011 17:06

Instrument ID: HP5973N Calib Start Date: 07/21/2011 11:44

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 07/21/2011 13:41

Lab File ID: N9538.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	0.2213	0.2321		26.2	25.0	4.9	50.0
Chloromethane	Ave	0.2208	0.1855	0.1000	21.0	25.0	-16.0	50.0
Vinyl chloride	Ave	0.2101	0.1867		22.2	25.0	-11.1	20.0
Bromomethane	Ave	0.1515	0.1473		24.3	25.0	-2.8	50.0
Chloroethane	Ave	0.1251	0.1200		24.0	25.0	-4.0	50.0
Trichlorofluoromethane	Lin1F		0.2938		26.3	25.0	5.2	50.0
Acrolein	Ave	0.0115	0.0115		500	500	0.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1948	0.2015		25.9	25.0	3.5	50.0
1,1-Dichloroethene	Ave	0.2537	0.2329	0.1000	22.9	25.0	-8.2	20.0
Acetone	Ave	0.0801	0.0833		130	125	3.9	50.0
Iodomethane	Ave	0.2667	0.2590		24.3	25.0	-2.9	50.0
Carbon disulfide	Ave	0.5188	0.4986		24.0	25.0	-3.9	50.0
Acetonitrile	Ave	0.0130	0.0125		964	1000	-3.6	50.0
Methyl acetate	Ave	0.2868	0.2880		25.1	25.0	0.4	50.0
Methylene Chloride	Lin1F		0.2466		23.7	25.0	-5.2	50.0
Methyl tert-butyl ether	Ave	0.8158	0.8725		26.7	25.0	7.0	50.0
trans-1,2-Dichloroethene	Ave	0.2549	0.2309		22.6	25.0	-9.4	50.0
Acrylonitrile	Ave	0.0866	0.0849		123	125	-2.0	50.0
1,1-Dichloroethane	Ave	0.4488	0.4219		23.5	25.0	-6.0	50.0
Vinyl acetate	Ave	0.3780	0.3946		131	125	4.4	50.0
2,2-Dichloropropane	Ave	0.2627	0.2899		27.6	25.0	10.4	50.0
cis-1,2-Dichloroethene	Ave	0.2853	0.2680		23.5	25.0	-6.1	50.0
2-Butanone (MEK)	Ave	0.1166	0.1196		128	125	2.6	50.0
Bromochloromethane	Ave	0.1333	0.1336		25.1	25.0	0.2	50.0
Tetrahydrofuran	Ave	0.0732	0.0711		121	125	-2.9	50.0
Chloroform	Ave	0.4882	0.4788		24.5	25.0	-1.9	20.0
1,1,1-Trichloroethane	Ave	0.2638	0.2902		27.5	25.0	10.0	50.0
Cyclohexane	Ave	0.3577	0.3296		23.0	25.0	-7.9	50.0
Carbon tetrachloride	Lin1F		0.3046		26.1	25.0	4.4	50.0
1,1-Dichloropropene	Ave	0.3770	0.3625		24.0	25.0	-3.8	50.0
Benzene	Ave	1.106	0.999		22.6	25.0	-9.7	50.0
1,2-Dichloroethane	Ave	0.3789	0.4102		27.1	25.0	8.3	50.0
Trichloroethene	Ave	0.2752	0.2610		23.7	25.0	-5.2	50.0
Methylcyclohexane	Ave	0.4295	0.4022		23.4	25.0	-6.4	50.0
1,2-Dichloropropane	Ave	0.2494	0.2239		22.4	25.0	-10.2	20.0
Dibromomethane	Ave	0.1558	0.1590		25.5	25.0	2.0	50.0
Bromodichloromethane	Ave	0.3383	0.3597		26.6	25.0	6.3	50.0
2-Chloroethyl vinyl ether	Ave	0.1680	0.1686		126	125	0.4	50.0
cis-1,3-Dichloropropene	Ave	0.4171	0.4112		24.6	25.0	-1.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2716	0.2785		128	125	2.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Lab Sample ID: CCVIS 480-25432/2 Calibration Date: 07/28/2011 17:06

Instrument ID: HP5973N Calib Start Date: 07/21/2011 11:44

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 07/21/2011 13:41

Lab File ID: N9538.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	0.8168	0.7444		22.8	25.0	-8.9	20.0
trans-1,3-Dichloropropene	Ave	0.4317	0.4388		25.4	25.0	1.6	50.0
Ethyl methacrylate	Lin1F		0.4029		23.2	25.0	-7.2	50.0
1,1,2-Trichloroethane	Ave	0.2280	0.2189		24.0	25.0	-4.0	50.0
Tetrachloroethene	Ave	0.3231	0.3041		23.5	25.0	-5.9	50.0
1,3-Dichloropropane	Ave	0.4895	0.4823		24.6	25.0	-1.5	50.0
2-Hexanone	Ave	0.1972	0.2040		129	125	3.5	50.0
Dibromochloromethane	Lin1F		0.2962		24.8	25.0	-0.8	50.0
1,2-Dibromoethane	Ave	0.2830	0.2918		25.8	25.0	3.1	50.0
Chlorobenzene	Ave	0.9192	0.8435	0.3000	22.9	25.0	-8.2	50.0
1,1,1,2-Tetrachloroethane	Ave	0.2622	0.2831		27.0	25.0	8.0	50.0
Ethylbenzene	Ave	1.529	1.452		23.7	25.0	-5.0	20.0
m,p-Xylene	Ave	0.6064	0.5642		46.5	50.0	-7.0	50.0
o-Xylene	Ave	0.5835	0.5457		23.4	25.0	-6.5	50.0
Styrene	Ave	1.037	0.9906		23.9	25.0	-4.5	50.0
Bromoform	Lin1F		0.1634	0.1000	22.7	25.0	-9.2	50.0
Isopropylbenzene	Ave	2.837	2.668		23.5	25.0	-5.9	50.0
Bromobenzene	Ave	0.7006	0.6574		23.5	25.0	-6.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6699	0.6374	0.3000	23.8	25.0	-4.9	50.0
1,2,3-Trichloropropane	Ave	0.2166	0.2257		26.1	25.0	4.2	50.0
N-Propylbenzene	Ave	3.374	3.137		23.2	25.0	-7.0	50.0
trans-1,4-Dichloro-2-butene	Lin1F		0.1279		81.6	125	-34.7	50.0
2-Chlorotoluene	Ave	0.6660	0.6174		23.2	25.0	-7.3	50.0
1,3,5-Trimethylbenzene	Ave	2.387	2.314		24.2	25.0	-3.1	50.0
4-Chlorotoluene	Ave	2.385	2.276		23.9	25.0	-4.6	50.0
tert-Butylbenzene	Ave	0.5162	0.4818		23.3	25.0	-6.7	50.0
1,2,4-Trimethylbenzene	Ave	2.441	2.346		24.0	25.0	-3.9	50.0
sec-Butylbenzene	Ave	3.063	2.849		23.3	25.0	-7.0	50.0
1,3-Dichlorobenzene	Ave	1.373	1.295		23.6	25.0	-5.7	50.0
4-Isopropyltoluene	Ave	2.557	2.440		23.9	25.0	-4.6	50.0
1,4-Dichlorobenzene	Ave	1.442	1.335		23.2	25.0	-7.4	50.0
n-Butylbenzene	Ave	2.341	2.219		23.7	25.0	-5.2	50.0
1,2-Dichlorobenzene	Ave	1.314	1.248		23.7	25.0	-5.0	50.0
1,2-Dibromo-3-Chloropropane	Lin1F		0.1272		24.6	25.0	-1.6	50.0
1,2,4-Trichlorobenzene	Ave	0.8889	0.8535		24.0	25.0	-4.0	50.0
Hexachlorobutadiene	Ave	0.4288	0.4099		23.9	25.0	-4.4	50.0
Naphthalene	Ave	2.088	2.158		25.8	25.0	3.3	50.0
1,2,3-Trichlorobenzene	Ave	0.7760	0.7718		24.9	25.0	-0.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3162	0.4015		31.7	25.0	27.0	50.0
Toluene-d8 (Surr)	Ave	1.128	1.277		28.3	25.0	13.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.3519	0.4052		28.8	25.0	15.2	50.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9538.D
 Lims ID: CCVIS Client ID:
 Inject. Date: 28-Jul-2011 17:06:30 Dil. Factor: 1.0000
 Sample Type: CCVIS
 Sample ID: CCVIS
 Misc. Info.: 480-0004925-002
 Operator: DHC Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 2
 Lims Batch ID: 25432 Lims Sample ID: 2
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N-8260.m
 Last Update: 28-Jul-2011 19:09:15 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 28-Jul-2011 19:09:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	91	614064	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	64	542279	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	55	295175	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	246543	31.7	
\$ 6 Toluene-d8 (Surr)	98	5.966	5.966	0.0	80	692327	28.3	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	86	219746	28.8	
11 Dichlorodifluoromethane	85	1.008	1.008	0.0	87	142528	26.2	
13 Chloromethane	50	1.087	1.087	0.0	88	113895	21.0	
14 Vinyl chloride	62	1.166	1.166	0.0	83	114663	22.2	
15 Bromomethane	94	1.361	1.361	0.0	89	90459	24.3	
16 Chloroethane	64	1.416	1.416	0.0	94	73711	24.0	
18 Trichlorofluoromethane	101	1.623	1.623	0.0	84	180417	26.3	
20 Acrolein	56	1.933	1.933	0.0	89	141487	500.0	
22 1,1-Dichloroethene	96	1.994	1.994	0.0	88	143013	22.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.994	1.994	0.0	55	123757	25.9	
23 Acetone	43	2.061	2.061	0.0	97	255589	129.9	
24 Iodomethane	142	2.109	2.109	0.0	99	159068	24.3	
25 Carbon disulfide	76	2.170	2.170	0.0	98	306186	24.0	
28 Methyl acetate	43	2.316	2.316	0.0	95	176842	25.1	
29 Acetonitrile	40	2.316	2.316	0.0	93	307571	964.3	
30 Methylene Chloride	84	2.419	2.419	0.0	75	151455	23.7	
33 trans-1,2-Dichloroethene	96	2.608	2.608	0.0	53	141791	22.6	
32 Methyl tert-butyl ether	73	2.608	2.608	0.0	84	535761	26.7	
34 Acrylonitrile	53	2.645	2.645	0.0	95	260577	122.6	
36 1,1-Dichloroethane	63	2.979	2.979	0.0	82	259043	23.5	
39 Vinyl acetate	43	3.034	3.034	0.0	97	1211537	130.5	
42 2,2-Dichloropropane	77	3.478	3.478	0.0	66	177997	27.6	
43 cis-1,2-Dichloroethene	96	3.496	3.496	0.0	70	164558	23.5	
44 2-Butanone (MEK)	43	3.539	3.539	0.0	97	367343	128.2	
47 Chlorobromomethane	128	3.709	3.709	0.0	86	82051	25.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.740	3.740	0.0	77	218220	121.4	
50 Chloroform	83	3.800	3.800	0.0	72	294006	24.5	
51 1,1,1-Trichloroethane	97	3.904	3.904	0.0	88	178175	27.5	
52 Cyclohexane	56	3.922	3.922	0.0	88	202362	23.0	
53 Carbon tetrachloride	117	4.032	4.032	0.0	80	187054	26.1	
54 1,1-Dichloropropene	75	4.044	4.044	0.0	94	222622	24.0	
55 Benzene	78	4.232	4.232	0.0	96	613475	22.6	
57 1,2-Dichloroethane	62	4.293	4.293	0.0	93	251916	27.1	
60 Trichloroethene	95	4.829	4.829	0.0	91	160244	23.7	
62 Methylcyclohexane	83	4.950	4.950	0.0	81	246945	23.4	
63 1,2-Dichloropropane	63	5.054	5.054	0.0	87	137489	22.4	
64 Dibromomethane	93	5.181	5.181	0.0	88	97608	25.5	
67 Dichlorobromomethane	83	5.346	5.346	0.0	89	220902	26.6	
69 2-Chloroethyl vinyl ether	63	5.638	5.638	0.0	93	517758	125.5	
71 cis-1,3-Dichloropropene	75	5.753	5.753	0.0	87	252492	24.6	
72 4-Methyl-2-pentanone (MIBK)	43	5.911	5.911	0.0	95	755101	128.2	
73 Toluene	92	6.033	6.033	0.0	92	403658	22.8	
75 trans-1,3-Dichloropropene	75	6.319	6.319	0.0	90	237957	25.4	
77 Ethyl methacrylate	69	6.392	6.392	0.0	88	218496	23.2	
78 1,1,2-Trichloroethane	83	6.495	6.495	0.0	85	118697	24.0	
79 Tetrachloroethene	166	6.550	6.550	0.0	85	164904	23.5	
80 1,3-Dichloropropane	76	6.648	6.648	0.0	90	261535	24.6	
82 2-Hexanone	43	6.745	6.745	0.0	89	553122	129.3	
83 Chlorodibromomethane	129	6.873	6.873	0.0	85	160594	24.8	
84 Ethylene Dibromide	107	6.958	6.958	0.0	97	158257	25.8	
85 Chlorobenzene	112	7.444	7.444	0.0	84	457435	22.9	
89 1,1,1,2-Tetrachloroethane	131	7.548	7.548	0.0	41	153490	27.0	
88 Ethylbenzene	91	7.548	7.548	0.0	99	787465	23.7	
90 m-Xylene & p-Xylene	106	7.676	7.676	0.0	99	611891	46.5	
91 o-Xylene	106	8.083	8.083	0.0	79	295916	23.4	
92 Styrene	104	8.114	8.114	0.0	89	537196	23.9	
93 Bromoform	173	8.339	8.339	0.0	93	88591	22.7	
95 Isopropylbenzene	105	8.479	8.479	0.0	93	787652	23.5	
97 Bromobenzene	156	8.801	8.801	0.0	94	194041	23.5	
98 1,1,2,2-Tetrachloroethane	83	8.892	8.892	0.0	87	188144	23.8	
99 1,2,3-Trichloropropane	110	8.911	8.911	0.0	72	66628	26.1	
100 N-Propylbenzene	91	8.917	8.917	0.0	89	925908	23.2	
101 trans-1,4-Dichloro-2-butene	53	8.941	8.941	0.0	75	188802	81.6	
102 2-Chlorotoluene	126	9.008	9.008	0.0	95	182229	23.2	
104 1,3,5-Trimethylbenzene	105	9.117	9.117	0.0	91	683007	24.2	
105 4-Chlorotoluene	91	9.130	9.130	0.0	99	671915	23.9	
106 tert-Butylbenzene	134	9.452	9.452	0.0	90	142222	23.3	
108 1,2,4-Trimethylbenzene	105	9.513	9.513	0.0	91	692521	24.0	
109 sec-Butylbenzene	105	9.683	9.683	0.0	94	840903	23.3	
110 1,3-Dichlorobenzene	146	9.805	9.805	0.0	95	382213	23.6	
111 4-Isopropyltoluene	119	9.841	9.841	0.0	75	720168	23.9	
113 1,4-Dichlorobenzene	146	9.902	9.902	0.0	82	394096	23.2	
115 n-Butylbenzene	91	10.249	10.249	0.0	94	654848	23.7	
116 1,2-Dichlorobenzene	146	10.267	10.267	0.0	94	368493	23.7	
117 1,2-Dibromo-3-Chloropropane	75	11.028	11.028	0.0	76	37538	24.6	
119 1,2,4-Trichlorobenzene	180	11.727	11.727	0.0	91	251925	24.0	
120 Hexachlorobutadiene	225	11.861	11.861	0.0	95	120994	23.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.934	11.934	0.0	97	636843	25.8	
122 1,2,3-Trichlorobenzene	180	12.141	12.141	0.0	94	227828	24.9	
S 123 1,3-Dichloropropene, Total	1				0		50.1	
S 124 1,2-Dichloroethene, Total	1				0		46.1	
S 125 Total BTEX	1				0		139.0	
S 126 Xylenes, Total	1				0		69.9	

Report Date: 28-Jul-2011 19:09:15

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9538.D

Injection Date: 28-Jul-2011 17:06:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973N

Lims Batch ID: 25432

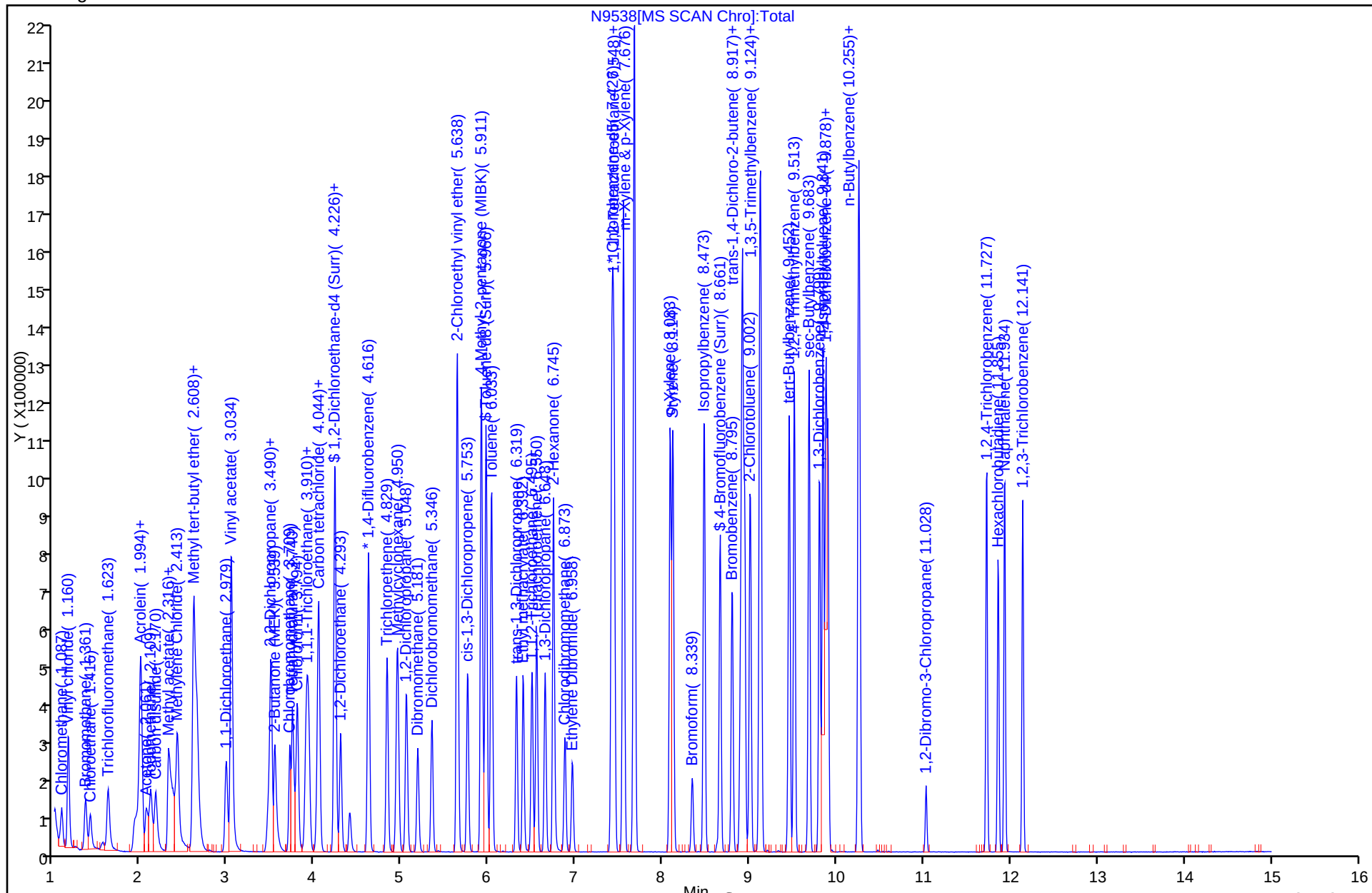
Lims Sample ID: 2

Operator ID: DHC

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.: 480-7718-1

SDG No.: _____

Lab Sample ID: CCVIS 480-25890/2 Calibration Date: 08/02/2011 11:40

Instrument ID: HP5975T Calib Start Date: 07/21/2011 11:46

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 07/21/2011 13:43

Lab File ID: T9982.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	0.3329	0.3541		26.6	25.0	6.4	50.0
Chloromethane	Ave	0.5885	0.5595	0.1000	23.8	25.0	-4.9	50.0
Vinyl chloride	Ave	0.4251	0.4500		26.5	25.0	5.9	20.0
Bromomethane	Ave	0.1438	0.1771		30.8	25.0	23.1	50.0
Chloroethane	Ave	0.2136	0.2375		27.8	25.0	11.2	50.0
Trichlorofluoromethane	Ave	0.3404	0.3975		29.2	25.0	16.8	50.0
Acrolein	Ave	0.0259	0.0238		459	500	-8.2	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2591	0.2870		27.7	25.0	10.8	50.0
1,1-Dichloroethene	Ave	0.2960	0.3118	0.1000	26.3	25.0	5.4	20.0
Acetone	Ave	0.1673	0.1619		121	125	-3.2	50.0
Iodomethane	Ave	0.3390	0.3947		29.1	25.0	16.4	50.0
Carbon disulfide	Ave	0.6951	0.8074		29.0	25.0	16.2	50.0
Methyl acetate	Ave	0.6032	0.5957		24.7	25.0	-1.2	50.0
Acetonitrile	Ave	0.0337	0.0341		1010	1000	1.2	50.0
Methylene Chloride	Ave	0.3636	0.3449		23.7	25.0	-5.2	50.0
Methyl tert-butyl ether	Ave	0.8521	0.9076		26.6	25.0	6.5	50.0
trans-1,2-Dichloroethene	Ave	0.3224	0.3362		26.1	25.0	4.3	50.0
Acrylonitrile	Ave	0.1764	0.1823		129	125	3.3	50.0
1,1-Dichloroethane	Ave	0.6561	0.6622		25.2	25.0	0.9	50.0
Vinyl acetate	Ave	0.6727	0.7254		135	125	7.8	50.0
2,2-Dichloropropane	Ave	0.2285	0.2534		27.7	25.0	10.9	50.0
cis-1,2-Dichloroethene	Ave	0.3490	0.3661		26.2	25.0	4.9	50.0
2-Butanone (MEK)	Ave	0.2424	0.2387		123	125	-1.5	50.0
Bromochloromethane	Ave	0.1806	0.1932		26.8	25.0	7.0	50.0
Tetrahydrofuran	Ave	0.1539	0.1565		127	125	1.7	50.0
Chloroform	Ave	0.5852	0.5812		24.8	25.0	-0.7	20.0
1,1,1-Trichloroethane	Ave	0.4202	0.4478		26.6	25.0	6.6	50.0
Cyclohexane	Ave	0.6525	0.7124		27.3	25.0	9.2	50.0
Carbon tetrachloride	Ave	0.4073	0.4437		27.2	25.0	8.9	50.0
1,1-Dichloropropene	Ave	0.4312	0.4561		26.4	25.0	5.8	50.0
Benzene	Ave	1.243	1.263		25.4	25.0	1.6	50.0
1,2-Dichloroethane	Ave	0.5105	0.5080		24.9	25.0	-0.5	50.0
Trichloroethene	Ave	0.3337	0.3415		25.6	25.0	2.3	50.0
Methylcyclohexane	Ave	0.5034	0.5675		28.2	25.0	12.7	50.0
1,2-Dichloropropane	Ave	0.3730	0.3739		25.1	25.0	0.2	20.0
Dibromomethane	Ave	0.2054	0.2113		25.7	25.0	2.9	50.0
Bromodichloromethane	Ave	0.3990	0.4263		26.7	25.0	6.8	50.0
2-Chloroethyl vinyl ether	Lin1F		0.2209		114	125	-9.0	50.0
cis-1,3-Dichloropropene	Ave	0.4795	0.4928		25.7	25.0	2.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5445	0.5501		126	125	1.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Lab Sample ID: CCVIS 480-25890/2 Calibration Date: 08/02/2011 11:40

Instrument ID: HP5975T Calib Start Date: 07/21/2011 11:46

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 07/21/2011 13:43

Lab File ID: T9982.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	0.8604	0.8753		25.4	25.0	1.7	20.0
trans-1,3-Dichloropropene	Ave	0.4687	0.4929		26.3	25.0	5.2	50.0
Ethyl methacrylate	Ave	0.4214	0.4492		26.6	25.0	6.6	50.0
1,1,2-Trichloroethane	Ave	0.2722	0.2782		25.6	25.0	2.2	50.0
Tetrachloroethene	Ave	0.3929	0.4053		25.8	25.0	3.2	50.0
1,3-Dichloropropane	Ave	0.5497	0.5489		25.0	25.0	-0.2	50.0
2-Hexanone	Ave	0.3929	0.4048		129	125	3.0	50.0
Dibromochloromethane	Ave	0.3579	0.3771		26.3	25.0	5.4	50.0
1,2-Dibromoethane	Ave	0.3337	0.3407		25.5	25.0	2.1	50.0
Chlorobenzene	Ave	1.008	1.032	0.3000	25.6	25.0	2.3	50.0
Ethylbenzene	Ave	1.553	1.636		26.3	25.0	5.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3563	0.3712		26.0	25.0	4.2	50.0
m,p-Xylene	Ave	0.6200	0.6580		53.1	50.0	6.1	50.0
o-Xylene	Ave	0.6003	0.6264		26.1	25.0	4.4	50.0
Styrene	Ave	0.998	1.059		26.5	25.0	6.1	50.0
Bromoform	Ave	0.2130	0.2333	0.1000	27.4	25.0	9.5	50.0
Isopropylbenzene	Ave	2.902	3.035		26.1	25.0	4.6	50.0
Bromobenzene	Ave	0.7555	0.7755		25.7	25.0	2.6	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8692	0.8702	0.3000	25.0	25.0	0.1	50.0
N-Propylbenzene	Ave	3.543	3.690		26.0	25.0	4.2	50.0
1,2,3-Trichloropropane	Ave	0.2620	0.2677		25.5	25.0	2.2	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2627	0.2587		123	125	-1.5	50.0
2-Chlorotoluene	Ave	0.7344	0.7750		26.4	25.0	5.5	50.0
1,3,5-Trimethylbenzene	Ave	2.428	2.581		26.6	25.0	6.3	50.0
4-Chlorotoluene	Ave	2.397	2.440		25.4	25.0	1.8	50.0
tert-Butylbenzene	Ave	0.5475	0.5836		26.6	25.0	6.6	50.0
1,2,4-Trimethylbenzene	Ave	2.456	2.620		26.7	25.0	6.7	50.0
sec-Butylbenzene	Ave	3.185	3.424		26.9	25.0	7.5	50.0
1,3-Dichlorobenzene	Ave	1.518	1.556		25.6	25.0	2.5	50.0
4-Isopropyltoluene	Ave	2.746	3.011		27.4	25.0	9.6	50.0
1,4-Dichlorobenzene	Ave	1.562	1.613		25.8	25.0	3.3	50.0
n-Butylbenzene	Ave	2.491	2.665		26.7	25.0	7.0	50.0
1,2-Dichlorobenzene	Ave	1.480	1.540		26.0	25.0	4.1	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1574	0.1558		24.7	25.0	-1.1	50.0
1,2,4-Trichlorobenzene	Ave	1.001	1.092		27.3	25.0	9.2	50.0
Hexachlorobutadiene	Ave	0.4878	0.5408		27.7	25.0	10.9	50.0
Naphthalene	Lin1F		2.898		24.1	25.0	-3.6	50.0
1,2,3-Trichlorobenzene	Ave	0.9578	1.064		27.8	25.0	11.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3915	0.3980		25.4	25.0	1.7	50.0
Toluene-d8 (Surr)	Ave	1.247	1.299		26.0	25.0	4.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.3723	0.3917		26.3	25.0	5.2	50.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9982.D
 Lims ID: CCVIS Client ID:
 Inject. Date: 02-Aug-2011 11:40:30 Dil. Factor: 1.0000
 Sample Type: CCVIS
 Sample ID: CCVIS
 Misc. Info.: 480-0005007-002
 Operator: LH Instrument ID: HP5975T
 Vol. Injected: 1.0000 ALS Bottle#: 33
 Lims Batch ID: 25890 Lims Sample ID: 2
 Sublist: chrom-T-8260*sub3
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T-8260.m
 Last Update: 02-Aug-2011 11:56:57 Calib Date: 21-Jul-2011 18:26:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 02-Aug-2011 11:56:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.583	4.583	0.0	95	691837	25.0	
* 2 Chlorobenzene-d5	117	6.779	6.779	0.0	52	610924	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.645	8.645	0.0	94	336971	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.261	4.261	0.0	0	275355	25.4	
\$ 6 Toluene-d8 (Surr)	98	5.671	5.671	0.0	85	793433	26.0	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.723	7.723	0.0	89	239300	26.3	
11 Dichlorodifluoromethane	85	0.966	0.966	0.0	87	244968	26.6	
13 Chloromethane	50	1.090	1.090	0.0	89	387090	23.8	
14 Vinyl chloride	62	1.163	1.163	0.0	83	311313	26.5	
15 Bromomethane	94	1.401	1.401	0.0	91	122487	30.8	
16 Chloroethane	64	1.484	1.484	0.0	92	164288	27.8	
17 Trichlorofluoromethane	101	1.671	1.671	0.0	80	274976	29.2	
21 Acrolein	56	2.085	2.085	0.0	96	329272	458.9	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.106	2.106	0.0	57	198557	27.7	
22 1,1-Dichloroethene	96	2.106	2.106	0.0	84	215745	26.3	
23 Acetone	43	2.240	2.240	0.0	99	559859	121.0	
24 Iodomethane	142	2.251	2.251	0.0	98	273066	29.1	
25 Carbon disulfide	76	2.272	2.272	0.0	100	558576	29.0	
28 Methyl acetate	43	2.510	2.510	0.0	98	412143	24.7	
29 Acetonitrile	40	2.520	2.520	0.0	99	943550	1012.0	
30 Methylene Chloride	84	2.572	2.572	0.0	86	238583	23.7	
33 Methyl tert-butyl ether	73	2.779	2.779	0.0	92	627914	26.6	
32 trans-1,2-Dichloroethene	96	2.779	2.779	0.0	91	232600	26.1	
34 Acrylonitrile	53	2.852	2.852	0.0	99	630662	129.2	
36 1,1-Dichloroethane	63	3.152	3.152	0.0	85	458144	25.2	
39 Vinyl acetate	43	3.215	3.215	0.0	97	2509433	134.8	
42 2,2-Dichloropropane	77	3.588	3.588	0.0	83	175333	27.7	
43 cis-1,2-Dichloroethene	96	3.619	3.619	0.0	71	253267	26.2	
44 2-Butanone (MEK)	43	3.681	3.681	0.0	98	825703	123.1	
47 Chlorobromomethane	128	3.816	3.816	0.0	88	133684	26.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Tetrahydrofuran	42	3.847	3.847	0.0	92	541434	127.2	
50 Chloroform	83	3.888	3.888	0.0	83	402117	24.8	
52 Cyclohexane	56	3.971	3.971	0.0	94	492833	27.3	
51 1,1,1-Trichloroethane	97	3.971	3.971	0.0	73	309783	26.6	
53 Carbon tetrachloride	117	4.085	4.085	0.0	65	306934	27.2	
54 1,1-Dichloropropene	75	4.095	4.095	0.0	89	315517	26.4	
55 Benzene	78	4.261	4.261	0.0	98	873824	25.4	
57 1,2-Dichloroethane	62	4.323	4.323	0.0	90	351466	24.9	
60 Trichloroethene	95	4.748	4.748	0.0	92	236278	25.6	
62 Methylcyclohexane	83	4.842	4.842	0.0	97	392629	28.2	
63 1,2-Dichloropropane	63	4.945	4.945	0.0	92	258645	25.1	
65 Dibromomethane	93	5.049	5.049	0.0	88	146214	25.7	
67 Dichlorobromomethane	83	5.173	5.173	0.0	91	294901	26.7	
69 2-Chloroethyl vinyl ether	63	5.401	5.401	0.0	90	763969	113.7	
71 cis-1,3-Dichloropropene	75	5.494	5.494	0.0	88	340906	25.7	
72 4-Methyl-2-pentanone (MIBK)	43	5.629	5.629	0.0	98	1680296	126.3	
73 Toluene	92	5.712	5.712	0.0	97	534736	25.4	
75 trans-1,3-Dichloropropene	75	5.930	5.930	0.0	93	301130	26.3	
77 Ethyl methacrylate	69	5.982	5.982	0.0	95	274416	26.6	
78 1,1,2-Trichloroethane	83	6.075	6.075	0.0	84	169981	25.6	
79 Tetrachloroethene	166	6.116	6.116	0.0	84	247593	25.8	
80 1,3-Dichloropropane	76	6.199	6.199	0.0	97	335339	25.0	
81 2-Hexanone	43	6.261	6.261	0.0	98	1236349	128.8	
82 Chlorodibromomethane	129	6.375	6.375	0.0	90	230351	26.3	
83 Ethylene Dibromide	107	6.448	6.448	0.0	99	208152	25.5	
86 Chlorobenzene	112	6.811	6.811	0.0	86	630224	25.6	
88 Ethylbenzene	91	6.873	6.873	0.0	98	999271	26.3	
89 1,1,1,2-Tetrachloroethane	131	6.883	6.883	0.0	41	226742	26.0	
90 m-Xylene & p-Xylene	106	6.966	6.966	0.0	98	803957	53.1	
91 o-Xylene	106	7.287	7.287	0.0	94	382683	26.1	
92 Styrene	104	7.308	7.308	0.0	85	647047	26.5	
93 Bromoform	173	7.484	7.484	0.0	96	142536	27.4	
95 Isopropylbenzene	105	7.567	7.567	0.0	96	1022611	26.1	
97 Bromobenzene	156	7.837	7.837	0.0	93	261317	25.7	
98 1,1,2,2-Tetrachloroethane	83	7.878	7.878	0.0	50	293246	25.0	
99 N-Propylbenzene	91	7.899	7.899	0.0	94	1243440	26.0	
100 1,2,3-Trichloropropane	110	7.909	7.909	0.0	84	90211	25.5	
101 trans-1,4-Dichloro-2-butene	53	7.919	7.919	0.0	90	435883	123.1	
105 2-Chlorotoluene	126	7.982	7.982	0.0	96	261165	26.4	
104 1,3,5-Trimethylbenzene	105	8.044	8.044	0.0	65	869669	26.6	
102 4-Chlorotoluene	91	8.065	8.065	0.0	82	822205	25.4	
106 tert-Butylbenzene	134	8.303	8.303	0.0	91	196665	26.6	
107 1,2,4-Trimethylbenzene	105	8.344	8.344	0.0	97	882954	26.7	
109 sec-Butylbenzene	105	8.479	8.479	0.0	94	1153654	26.9	
110 1,3-Dichlorobenzene	146	8.583	8.583	0.0	91	524354	25.6	
111 4-Isopropyltoluene	119	8.593	8.593	0.0	95	1014539	27.4	
113 1,4-Dichlorobenzene	146	8.666	8.666	0.0	94	543683	25.8	
115 n-Butylbenzene	91	8.935	8.935	0.0	92	898004	26.7	
116 1,2-Dichlorobenzene	146	8.966	8.966	0.0	93	518998	26.0	
117 1,2-Dibromo-3-Chloropropane	75	9.640	9.640	0.0	81	52484	24.7	
119 1,2,4-Trichlorobenzene	180	10.282	10.282	0.0	91	368066	27.3	
120 Hexachlorobutadiene	225	10.396	10.396	0.0	96	182246	27.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.500	10.500	0.0	97	976405	24.1	
122 1,2,3-Trichlorobenzene	180	10.697	10.697	0.0	95	358581	27.8	
S 125 Total BTEX	1				0		156.3	
S 126 Xylenes, Total	1				0		79.2	
S 123 1,3-Dichloropropene, Total	1				0		52.0	
S 124 1,2-Dichloroethene, Total	1				0		52.3	

Report Date: 02-Aug-2011 11:56:58

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9982.D

Injection Date: 02-Aug-2011 11:40:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5975T

Lims Batch ID: 25890

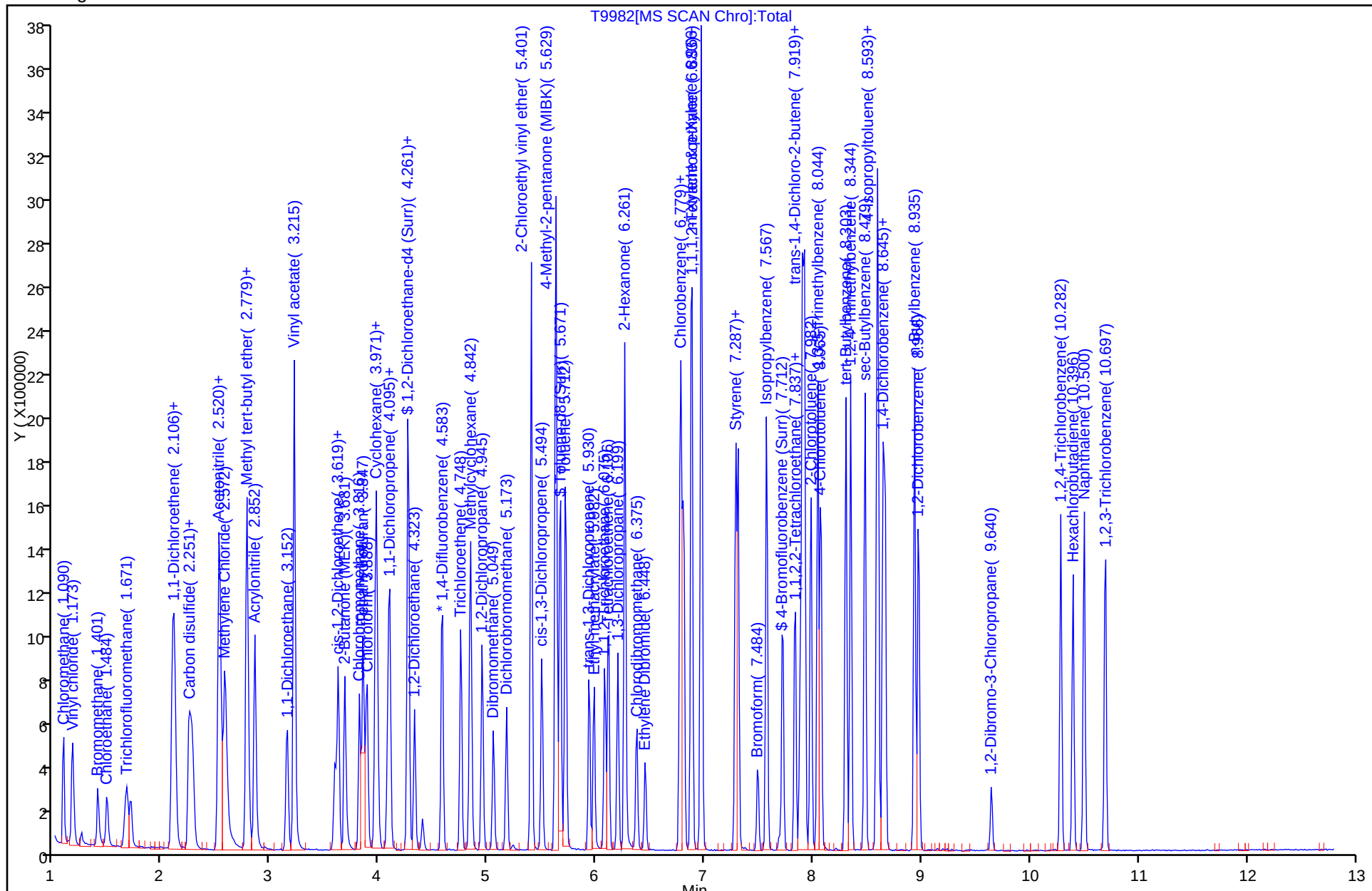
Lims Sample ID: 2

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12458.D
Lims ID: BFB Client ID:
Inject. Date: 20-Jul-2011 13:41:30 Dil. Factor: 1.0000
Sample Type: BFB
Sample ID: BFB
Misc. Info.: 480-0004725-001
Operator: LH Instrument ID: HP5973C
Vol. Injected: 1.0000 ALS Bottle#: 6
Lims Batch ID: 24235 Lims Sample ID: 1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C-8260.m
Last Update: 20-Jul-2011 13:59:48 Calib Date: 14-Jun-2011 19:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973C\20110613-3872.b\C11425.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

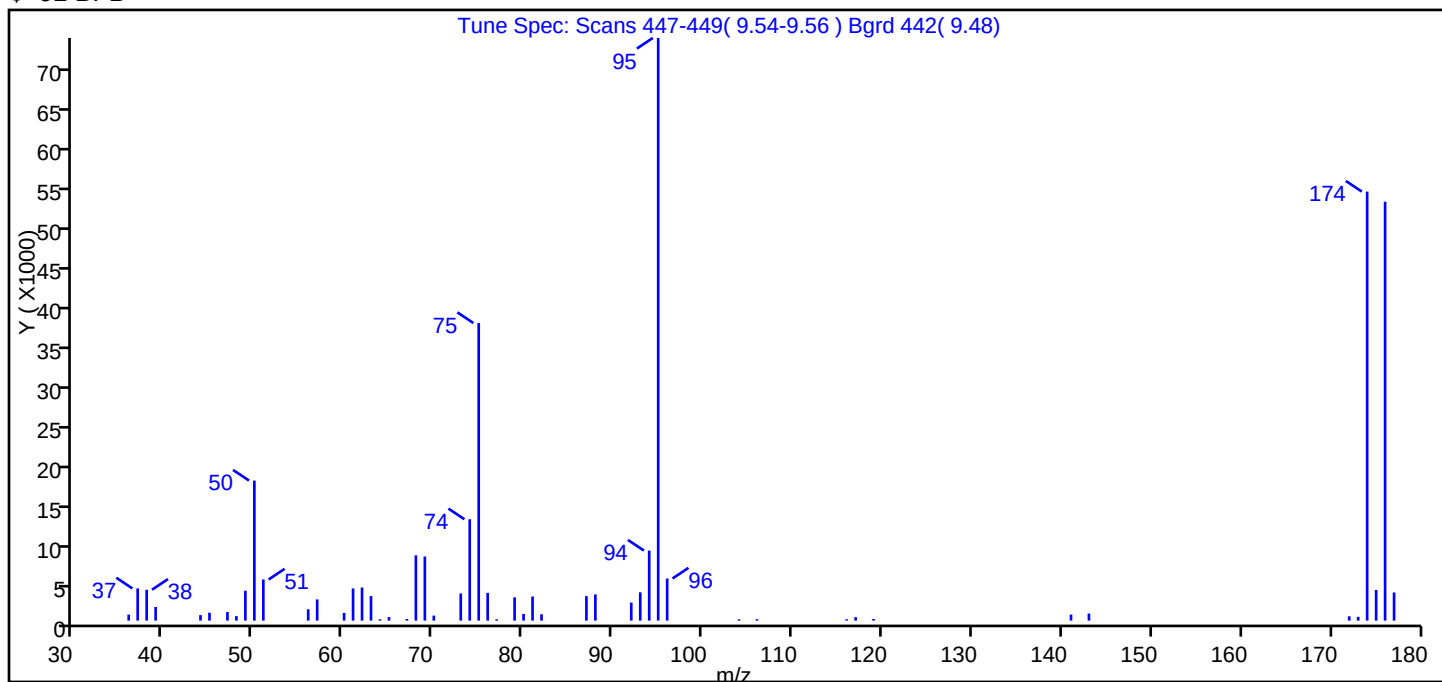
First Level Reviewer: HillL

Date: 20-Jul-2011 13:59:48

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
\$ 61 BFB	95	9.549	9.549	0.0	0	204218	0	

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12458.D
Injection Date: 20-Jul-2011 13:41:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973C
Lims Batch ID: 24235 Lims Sample ID: 1
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm
Tune Method: BFB Method 8260

\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	24.03
75	30.00 - 60.00% of mass 95	51.07
96	5.00 - 9.00% of mass 95	7.22
173	Less than 2.00% of mass 174	0.65 (0.88)
174	Greater than 50.00% of mass 95	73.63
175	5.00 - 9.00% of mass 174	5.25 (7.13)
176	95.00 - 101.00% of mass 174	71.90 (97.65)
177	5.00 - 9.00% of mass 176	4.83 (6.71)

Data File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12458.D\C-8260.rslt\spectra.d
Injection Date: 20-Jul-2011 13:41:30
Spectrum: Tune Spec: Scans 447-449(9.54-9.56) Bgrd 442(9.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	752	60.00	969	76.00	3495	104.00	169
37.00	4055	61.00	4048	77.00	170	106.00	183
38.00	3890	62.00	4167	79.00	2932	116.00	170
39.00	1720	63.00	3093	80.00	844	117.00	435
44.00	695	64.00	170	81.00	3035	119.00	209
45.00	998	65.00	442	82.00	797	141.00	758
47.00	1082	67.00	200	87.00	3085	143.00	892
48.00	568	68.00	8224	88.00	3298	172.00	542
49.00	3769	69.00	8079	92.00	2269	173.00	474
50.00	17648	70.00	631	93.00	3566	174.00	54072
51.00	5182	73.00	3422	94.00	8827	175.00	3858
56.00	1425	74.00	12774	95.00	73440	176.00	52800
57.00	2668	75.00	37504	96.00	5303	177.00	3545

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12647.D
Lims ID: BFB Client ID:
Inject. Date: 27-Jul-2011 10:22:30 Dil. Factor: 1.0000
Sample Type: BFB
Sample ID: BFB
Misc. Info.: 480-0004882-001
Operator: LH Instrument ID: HP5973C
Vol. Injected: 1.0000 ALS Bottle#: 56
Lims Batch ID: 25167 Lims Sample ID: 1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C-8260.m
Last Update: 27-Jul-2011 10:30:25 Calib Date: 20-Jul-2011 23:12:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

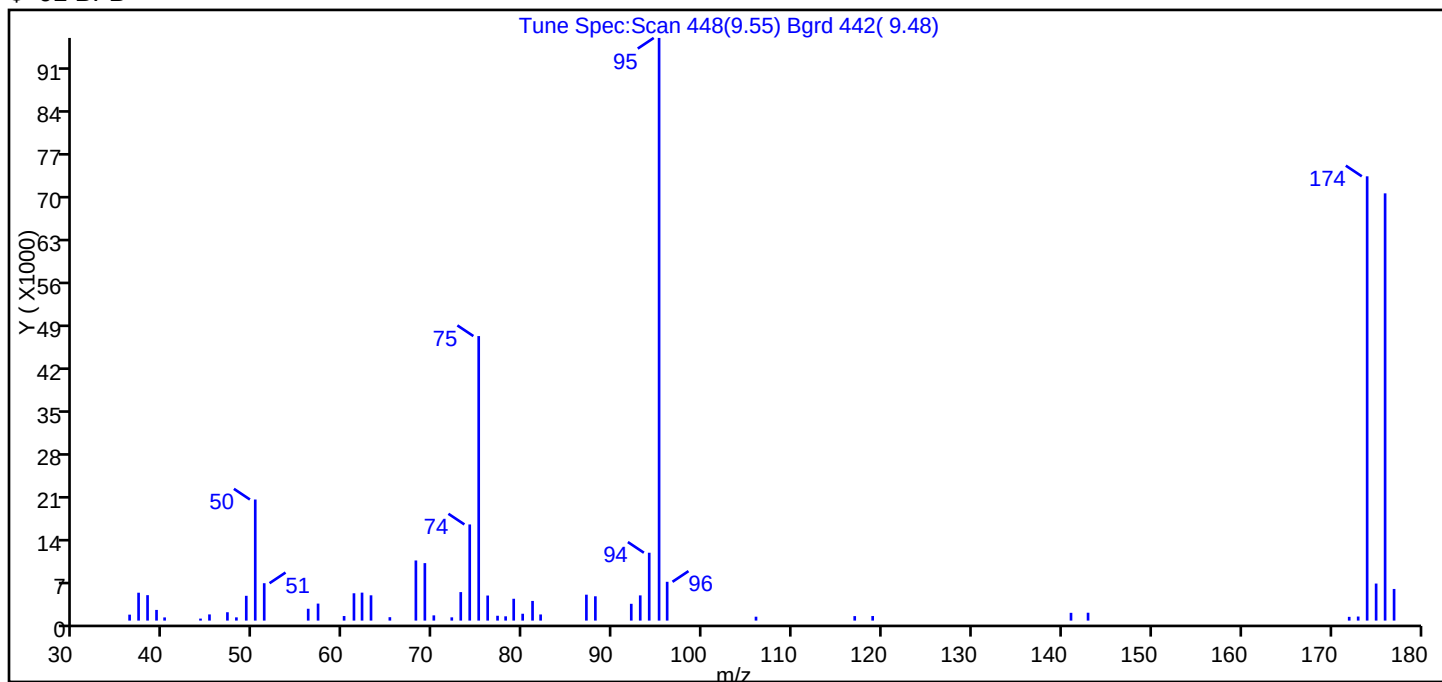
First Level Reviewer: HillL

Date: 27-Jul-2011 10:30:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
\$ 61 BFB	95	9.549	9.549	0.0	0	212106	0	

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12647.D
Injection Date: 27-Jul-2011 10:22:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973C
Lims Batch ID: 25167 Lims Sample ID: 1
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm
Tune Method: BFB Method 8260

\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.78
75	30.00 - 60.00% of mass 95	48.83
96	5.00 - 9.00% of mass 95	6.66
173	Less than 2.00% of mass 174	0.70 (0.92)
174	Greater than 50.00% of mass 95	76.25
175	5.00 - 9.00% of mass 174	6.36 (8.34)
176	95.00 - 101.00% of mass 174	73.33 (96.16)
177	5.00 - 9.00% of mass 176	5.43 (7.41)

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12647.D\C-8260.rslt\spectra.d
Injection Date: 27-Jul-2011 10:22:30
Spectrum: Tune Spec:Scan 448(9.55) Bgrd 442(9.48)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 51

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	975	57.10	2787	76.00	4107	96.00	6358
37.10	4569	60.00	748	77.10	793	105.90	640
38.10	4168	61.10	4476	78.00	702	116.90	737
39.10	1750	62.00	4582	78.90	3578	118.90	749
40.00	522	63.00	4143	79.90	1124	141.00	1273
44.00	328	65.10	559	81.00	3222	142.90	1291
45.00	1013	68.00	9851	81.90	1007	172.00	616
47.00	1370	69.00	9416	87.00	4246	173.00	667
48.00	531	70.00	857	88.00	3984	174.00	72792
49.10	4062	72.00	533	92.00	2751	175.00	6070
50.10	19840	73.00	4670	93.00	4131	176.00	70000
51.10	6125	74.00	15753	94.00	11120	177.00	5186
56.00	1941	75.00	46616	95.10	95464		

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9298.D
Lims ID: BFB Client ID:
Inject. Date: 21-Jul-2011 10:49:30 Dil. Factor: 1.0000
Sample Type: BFB
Sample ID: BFB
Misc. Info.: 480-0004752-001
Operator: LH Instrument ID: HP5973N
Vol. Injected: 1.0000 ALS Bottle#: 9
Lims Batch ID: 24423 Lims Sample ID: 1
Detector: MS SCAN
Method: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N-8260.m
Last Update: 25-Jul-2011 13:58:49 Calib Date: 21-Jul-2011 18:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: SchoveJ

Date: 25-Jul-2011 13:58:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
\$ 4 BFB	95	3.406	3.406	0.0	84	287650	0	

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9298.D

Injection Date: 21-Jul-2011 10:49:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973N

Lims Batch ID: 24423

Lims Sample ID: 1

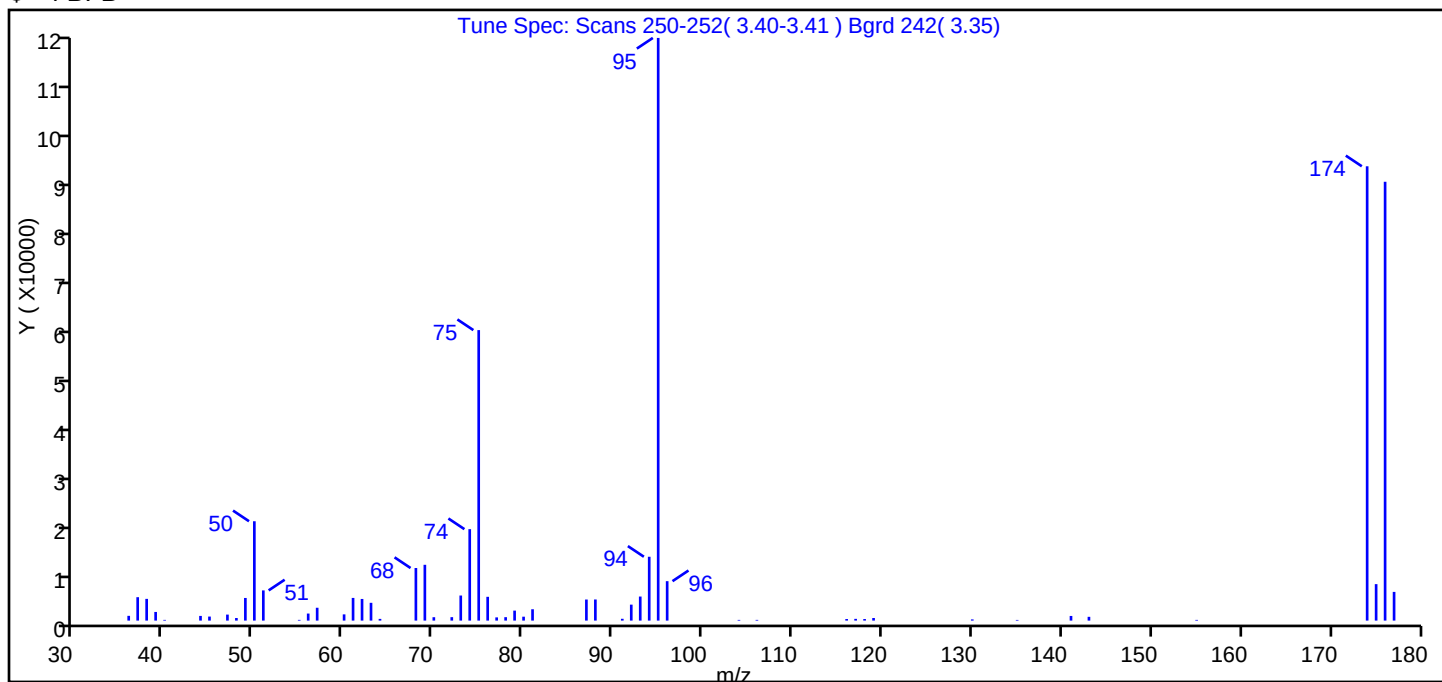
Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Tune Method: BFB Method 8260

\$ 4 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	49.86
96	5.00 - 9.00% of mass 95	6.77
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	77.97
175	5.00 - 9.00% of mass 174	6.26 (8.03)
176	95.00 - 101.00% of mass 174	75.31 (96.59)
177	5.00 - 9.00% of mass 176	4.93 (6.54)

Data File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9298.D\N-8260.rslt\spectra.d
Injection Date: 21-Jul-2011 10:49:30
Spectrum: Tune Spec: Scans 250-252(3.40-3.41) Bgrd 242(3.35)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	949	57.00	2561	77.00	640	106.00	142
37.00	4667	60.00	1241	78.00	684	116.00	310
38.00	4331	61.00	4522	79.00	1992	117.00	347
39.00	1724	62.00	4315	80.00	779	118.00	312
40.00	142	63.00	3545	81.00	2262	119.00	516
44.00	933	64.00	340	87.00	4203	130.00	235
45.00	806	68.00	10484	88.00	4211	135.00	133
47.00	1197	69.00	11126	91.00	361	141.00	925
48.00	514	70.00	676	92.00	3183	143.00	752
49.00	4513	72.00	685	93.00	4796	155.00	140
50.00	19808	73.00	4999	94.00	12729	174.00	90584
51.00	6021	74.00	18232	95.00	116176	175.00	7271
55.00	145	75.00	57920	96.00	7862	176.00	87496
56.00	1405	76.00	4742	104.00	139	177.00	5722

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9537.D
Lims ID: BFB Client ID:
Inject. Date: 28-Jul-2011 15:29:30 Dil. Factor: 1.0000
Sample Type: BFB
Sample ID: BFB
Misc. Info.: 480-0004925-001
Operator: DHC Instrument ID: HP5973N
Vol. Injected: 1.0000 ALS Bottle#: 1
Lims Batch ID: 25432 Lims Sample ID: 1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N-8260.m
Last Update: 28-Jul-2011 15:38:28 Calib Date: 21-Jul-2011 18:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: coderd

Date: 28-Jul-2011 15:38:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
\$ 4 BFB	95	3.363	3.363	0.0	83	165556	0	

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9537.D

Injection Date: 28-Jul-2011 15:29:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973N

Lims Batch ID: 25432

Lims Sample ID: 1

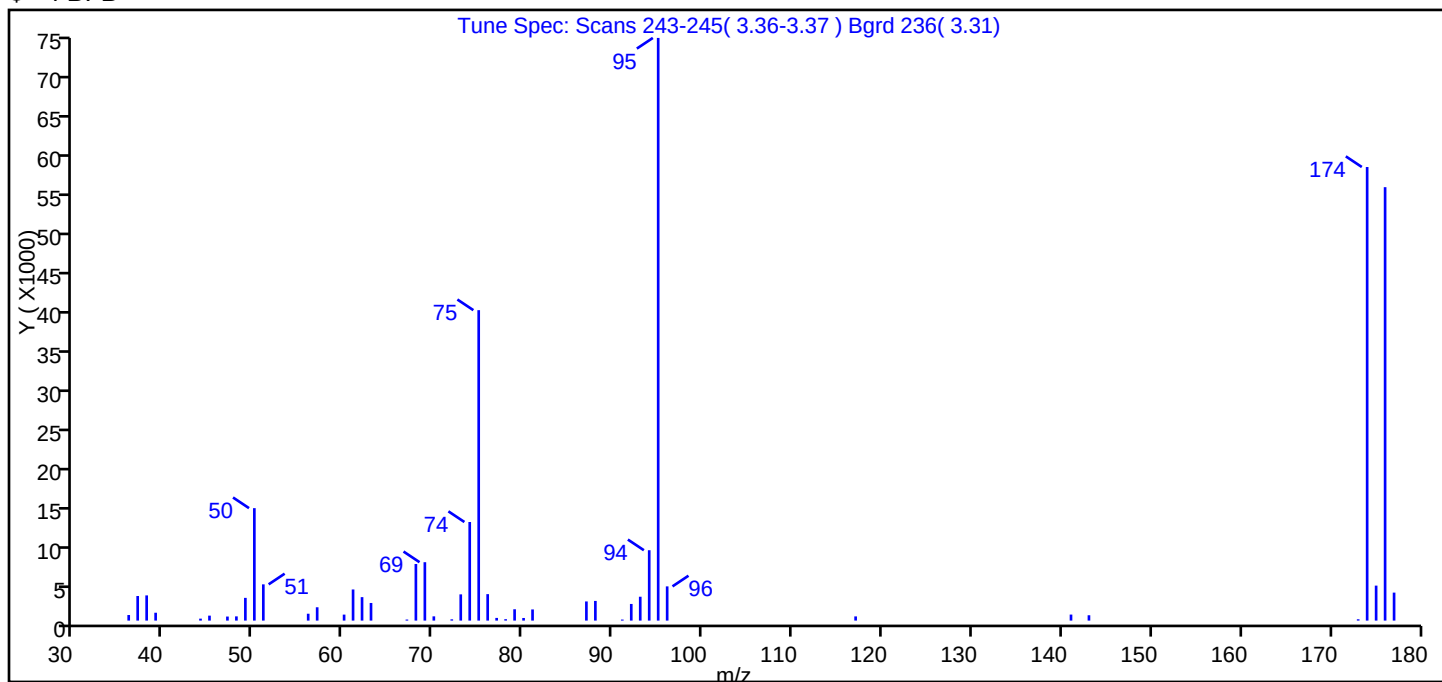
Operator ID: DHC

Column Type: ZB-624

Column Dia: 0.25 mm

Tune Method: BFB Method 8260

\$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.30
75	30.00 - 60.00% of mass 95	53.28
96	5.00 - 9.00% of mass 95	5.87
173	Less than 2.00% of mass 174	0.23 (0.29)
174	Greater than 50.00% of mass 95	77.85
175	5.00 - 9.00% of mass 174	6.00 (7.71)
176	95.00 - 101.00% of mass 174	74.39 (95.56)
177	5.00 - 9.00% of mass 176	4.80 (6.46)

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9537.D\N-8260.rslt\spectra.d
Injection Date: 28-Jul-2011 15:29:30
Spectrum: Tune Spec: Scans 243-245(3.36-3.37) Bgrd 236(3.31)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 47

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	717	57.00	1714	75.00	39920	94.00	9049
37.00	3162	60.00	771	76.00	3402	95.00	74928
38.00	3241	61.00	4003	77.00	345	96.00	4400
39.00	1011	62.00	3016	78.00	182	117.00	540
44.00	252	63.00	2265	79.00	1458	141.00	775
45.00	638	67.00	136	80.00	337	143.00	687
47.00	521	68.00	7276	81.00	1435	173.00	170
48.00	544	69.00	7509	87.00	2464	174.00	58328
49.00	2923	70.00	546	88.00	2530	175.00	4498
50.00	14460	72.00	162	91.00	133	176.00	55736
51.00	4661	73.00	3373	92.00	2141	177.00	3599
56.00	884	74.00	12678	93.00	3069		

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9697.D
Lims ID: BFB Client ID:
Inject. Date: 21-Jul-2011 10:51:30 Dil. Factor: 1.0000
Sample Type: BFB
Sample ID: BFB
Misc. Info.: 480-0004753-001
Operator: LH Instrument ID: HP5975T
Vol. Injected: 1.0000 ALS Bottle#: 21
Lims Batch ID: 24425 Lims Sample ID: 1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T-8260.m
Last Update: 25-Jul-2011 15:03:31 Calib Date: 21-Jul-2011 18:26:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: HillL

Date: 25-Jul-2011 15:03:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
\$ 5 BFB	95	5.041	5.041	0.0	86	313555	0	

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9697.D

Injection Date: 21-Jul-2011 10:51:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5975T

Lims Batch ID: 24425

Lims Sample ID: 1

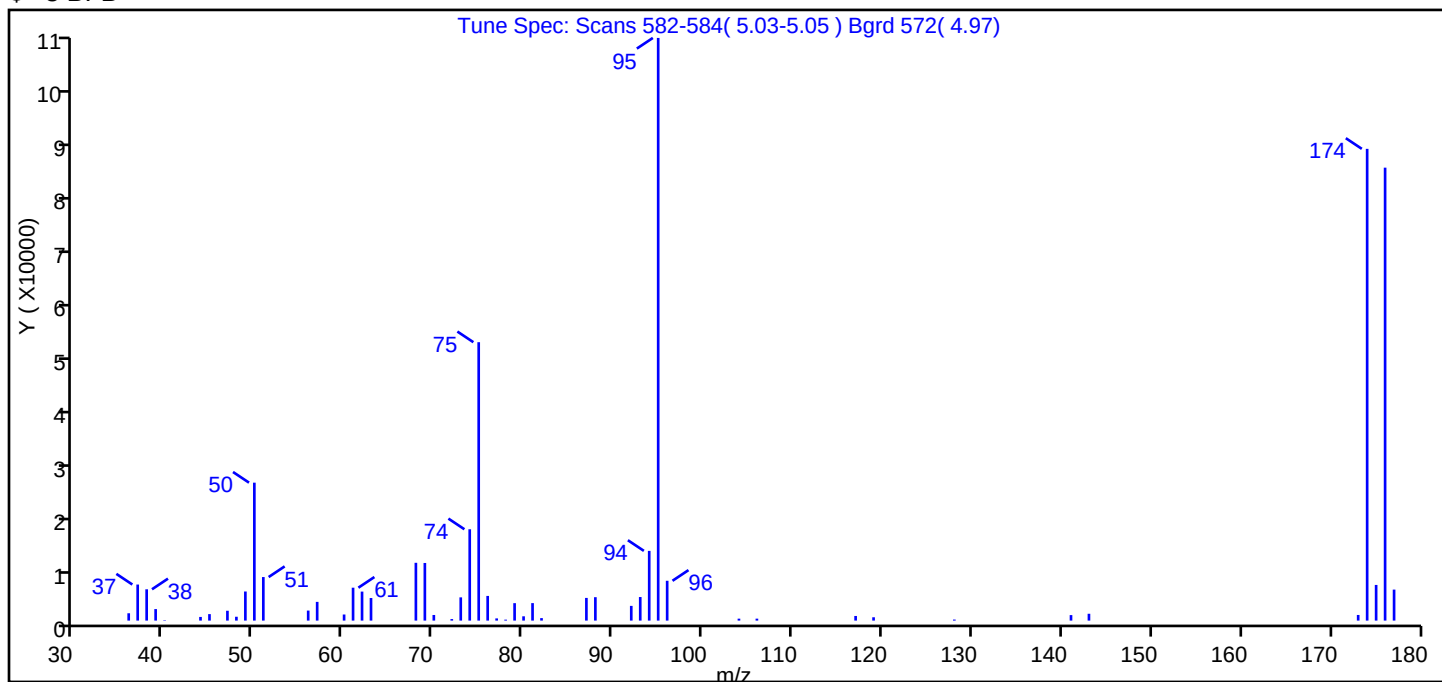
Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Tune Method: BFB Method 8260

\$ 5 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.67
75	30.00 - 60.00% of mass 95	47.78
96	5.00 - 9.00% of mass 95	6.83
173	Less than 2.00% of mass 174	0.97 (1.19)
174	Greater than 50.00% of mass 95	80.96
175	5.00 - 9.00% of mass 174	6.12 (7.56)
176	95.00 - 101.00% of mass 174	77.74 (96.01)
177	5.00 - 9.00% of mass 176	5.32 (6.84)

Data File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9697.D\T-8260.rslt\spectra.d
Injection Date: 21-Jul-2011 10:51:30
Spectrum: Tune Spec: Scans 582-584(5.03-5.05) Bgrd 572(4.97)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 51

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1372	57.00	3502	77.00	411	104.00	362
37.00	6747	60.00	1141	78.00	178	106.00	364
38.00	5857	61.00	6156	79.00	3262	117.00	865
39.00	2154	62.00	5426	80.00	803	119.00	623
40.00	84	63.00	4224	81.00	3271	128.00	193
44.00	685	68.00	10814	82.00	466	141.00	1029
45.00	1213	69.00	10781	87.00	4244	143.00	1279
47.00	1840	70.00	1051	88.00	4379	173.00	1054
48.00	721	72.00	284	92.00	2753	174.00	88264
49.00	5444	73.00	4347	93.00	4410	175.00	6671
50.00	25808	74.00	17088	94.00	13044	176.00	84744
51.00	8147	75.00	52088	95.00	109016	177.00	5800
56.00	1875	76.00	4616	96.00	7450		

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9981.D
Lims ID: BFB Client ID:
Inject. Date: 02-Aug-2011 11:17:30 Dil. Factor: 1.0000
Sample Type: BFB
Sample ID: BFB
Misc. Info.: 480-0005007-001
Operator: LH Instrument ID: HP5975T
Vol. Injected: 1.0000 ALS Bottle#: 32
Lims Batch ID: 25890 Lims Sample ID: 1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T-8260.m
Last Update: 02-Aug-2011 11:24:44 Calib Date: 21-Jul-2011 18:26:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 02-Aug-2011 11:24:44

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
\$ 5 BFB	95	5.041	5.041	0.0	84	262735	0	

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9981.D

Injection Date: 02-Aug-2011 11:17:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5975T

Lims Batch ID: 25890

Lims Sample ID: 1

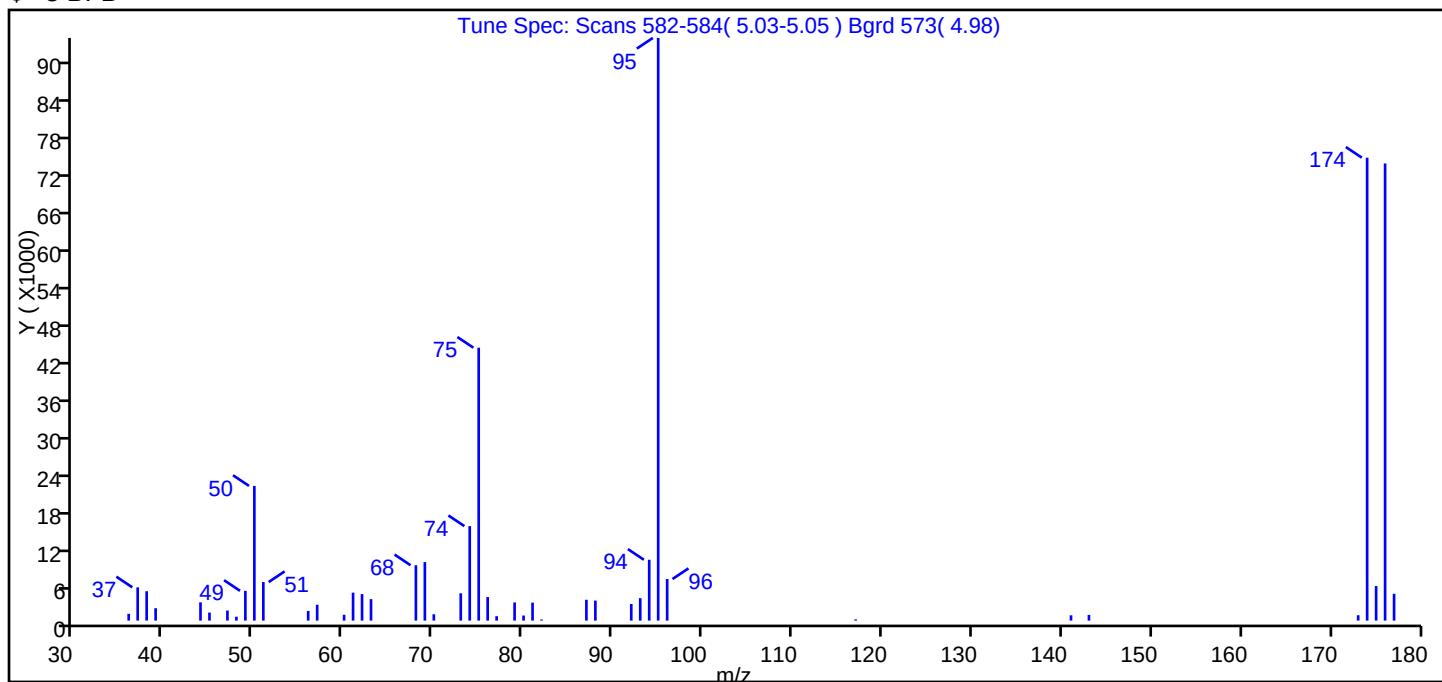
Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Tune Method: BFB Method 8260

\$ 5 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.11
75	30.00 - 60.00% of mass 95	46.84
96	5.00 - 9.00% of mass 95	7.13
173	Less than 2.00% of mass 174	0.92 (1.16)
174	Greater than 50.00% of mass 95	79.45
175	5.00 - 9.00% of mass 174	5.93 (7.47)
176	95.00 - 101.00% of mass 174	78.46 (98.76)
177	5.00 - 9.00% of mass 176	4.60 (5.87)

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9981.D\T-8260.rslt\spectra.d

Injection Date: 02-Aug-2011 11:17:30

Spectrum: Tune Spec: Scans 582-584(5.03-5.05) Bgrd 573(4.98)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 44

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1080	56.00	1543	75.00	43592	94.00	9719
37.00	5310	57.00	2532	76.00	3763	95.00	93072
38.00	4696	60.00	930	77.00	710	96.00	6638
39.00	1980	61.00	4466	79.00	2901	117.00	193
44.00	2914	62.00	4238	80.00	809	141.00	846
45.00	1279	63.00	3429	81.00	2871	143.00	909
47.00	1604	68.00	8844	82.00	171	173.00	856
48.00	615	69.00	9346	87.00	3322	174.00	73944
49.00	4754	70.00	1010	88.00	3198	175.00	5520
50.00	21512	73.00	4361	92.00	2648	176.00	73024
51.00	6157	74.00	15090	93.00	3580	177.00	4283

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 480-25167/5

Matrix: Water Lab File ID: C12651.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 12:18

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)

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

Analysis Batch No.: 25167 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-25167/5
 Matrix: Water Lab File ID: C12651.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 12:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 25167 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)	110		66-137
2037-26-5	Toluene-d8 (Surr)	108		71-126
460-00-4	4-Bromofluorobenzene (Surr)	108		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12651.D
 Lims ID: MB Client ID:
 Inject. Date: 27-Jul-2011 12:18:30 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: MB
 Misc. Info.: 480-0004882-005
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 4
 Lims Batch ID: 25167 Lims Sample ID: 5
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C-8260.m
 Last Update: 27-Jul-2011 13:04:37 Calib Date: 20-Jul-2011 23:12:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 27-Jul-2011 13:04:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.455	0.0	96	622612	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	87	347680	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.854	13.866	-0.012	96	324769	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	128675	27.4	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	723164	27.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	86	216414	27.1	
10 Dichlorodifluoromethane	85		4.486					
11 Chlorodifluoromethane	51		4.521					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62		5.114					
14 Bromomethane	94		5.731					
15 Chloroethane	64		5.873					
16 Dichlorofluoromethane	67		6.146					
17 Trichlorofluoromethane	101		6.217					
18 Ethyl ether	59		6.526					
19 Propene oxide	58		6.668					
20 Acrolein	56		6.763					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.810					
22 1,1-Dichloroethene	96		6.869					
23 Acetone	43		6.905					
24 Isopropyl alcohol	45		7.012					
25 Iodomethane	142		7.095					
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
28 3-Chloro-1-propene	41		7.237					
29 Acetonitrile	40		7.237					
30 Methylene Chloride	84		7.379					
31 2-Methyl-2-propanol	59		7.403					
32 Methyl tert-butyl ether	73		7.557					
33 Acrylonitrile	53		7.617					
34 trans-1,2-Dichloroethene	96		7.628					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
35 Hexane	57		7.783					
36 Isopropyl ether	45		7.937					
37 Vinyl acetate	43		7.960					
38 1,1-Dimethoxyethane	75		8.020					
39 1,1-Dichloroethane	63		8.020					
40 2-Chloro-1,3-butadiene	53		8.079					
41 Tert-butyl ethyl ether	59		8.245					
42 Ethyl acetate	43		8.447					
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96		8.518					
44 2,2-Dichloropropane	77		8.518					
46 Propionitrile	54		8.577					
47 Methacrylonitrile	41		8.684					
48 Chlorobromomethane	128		8.743					
49 Tetrahydrofuran	42		8.755					
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97		8.933					
52 Cyclohexane	56		8.980					
53 Isobutyl alcohol	43		9.004					
54 1,1-Dichloropropene	75		9.051					
55 Carbon tetrachloride	117		9.075					
56 Tert-amyl methyl ether	73		9.206					
57 Benzene	78		9.241					
58 1,2-Dichloroethane	62		9.253					
59 n-Heptane	43		9.265					
60 n-Butanol	56		9.514					
62 Trichloroethene	95		9.716					
63 Methyl methacrylate	41		9.846					
64 Methylcyclohexane	83		9.870					
65 1,2-Dichloropropane	63		9.917					
66 1,4-Dioxane	88		9.988					
67 Dibromomethane	93		10.048					
68 Dichlorobromomethane	83		10.119					
69 2-Chloroethyl vinyl ether	63		10.237					
70 2-Nitropropane	43		10.273					
71 Epichlorohydrin	57		10.380					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
75 Ethyl methacrylate	69		10.783					
76 2-Methylthiophene	97		10.830					
77 trans-1,3-Dichloropropene	75		10.854					
78 3-Methylthiophene	97		10.961					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
82 1,3-Dichloropropane	76		11.174					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
85 3-Chlorobenzotrifluoride	180		11.684					
86 4-Chlorobenzotrifluoride	180		11.720					
87 Chlorobenzene	112		11.862					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
88 Ethylbenzene	91		11.874					
89 1,1,1,2-Tetrachloroethane	131		11.897					
90 m-Xylene & p-Xylene	106		11.957					
91 o-Xylene	106		12.301					
92 Styrene	104		12.313					
93 2-Chlorobenzotrifluoride	180		12.478					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.585					
96 Cyclohexanone	55		12.787					
97 1,1,2,2-Tetrachloroethane	83		12.858					
98 trans-1,4-Dichloro-2-butene	53		12.882					
99 N-Propylbenzene	91		12.929					
100 1,2,3-Trichloropropane	110		12.941					
101 Bromobenzene	156		12.977					
102 1,3,5-Trimethylbenzene	105		13.036					
103 2-Chlorotoluene	126		13.095					
104 3-Chlorotoluene	126		13.131					
105 4-Chlorotoluene	126		13.178					
106 tert-Butylbenzene	134		13.380					
107 1,2,4-Trimethylbenzene	105		13.415					
108 Pentachloroethane	167		13.498					
109 sec-Butylbenzene	105		13.570					
110 4-Isopropyltoluene	119		13.676					
111 1,3-Dichlorobenzene	146		13.807					
112 1,2,3-Trimethylbenzene	105		13.854					
113 1,4-Dichlorobenzene	146		13.890					
114 Dicyclopentadiene	66		13.913					
115 n-Butylbenzene	91		14.091					
116 1,2-Dichlorobenzene	146		14.305					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
118 1,3,5-Trichlorobenzene	180		15.372					
119 1,2,4-Trichlorobenzene	180		16.238					
120 Hexachlorobutadiene	225		16.344					
121 Naphthalene	128		16.676					
122 1,2,3-Trichlorobenzene	180		17.044					
S 123 Total BTEX	1		30.000					7
S 124 Xylenes, Total	1		30.000					7
S 125 1,2-Dichloroethene, Total	1		30.000					7
S 126 1,3-Dichloropropene, Total	1		30.000					7
T 127 Ethanol TIC	45		0.000					1
T 128 Hexachloroethane TIC	117		0.000					1
T 9 bis(2-chloromethyl)ether TIC	1		0.000					1
T 8 t-Amyl alcohol	59		0.000					1
T 7 Ethylene oxide	1		0.000					1

QC Flag Legend

Processing Flags

1 - Missing Peaks

7 - Failed Limit of Detection

Report Date: 27-Jul-2011 13:04:37

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12651.D

Injection Date: 27-Jul-2011 12:18:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973C

Lims Batch ID: 25167

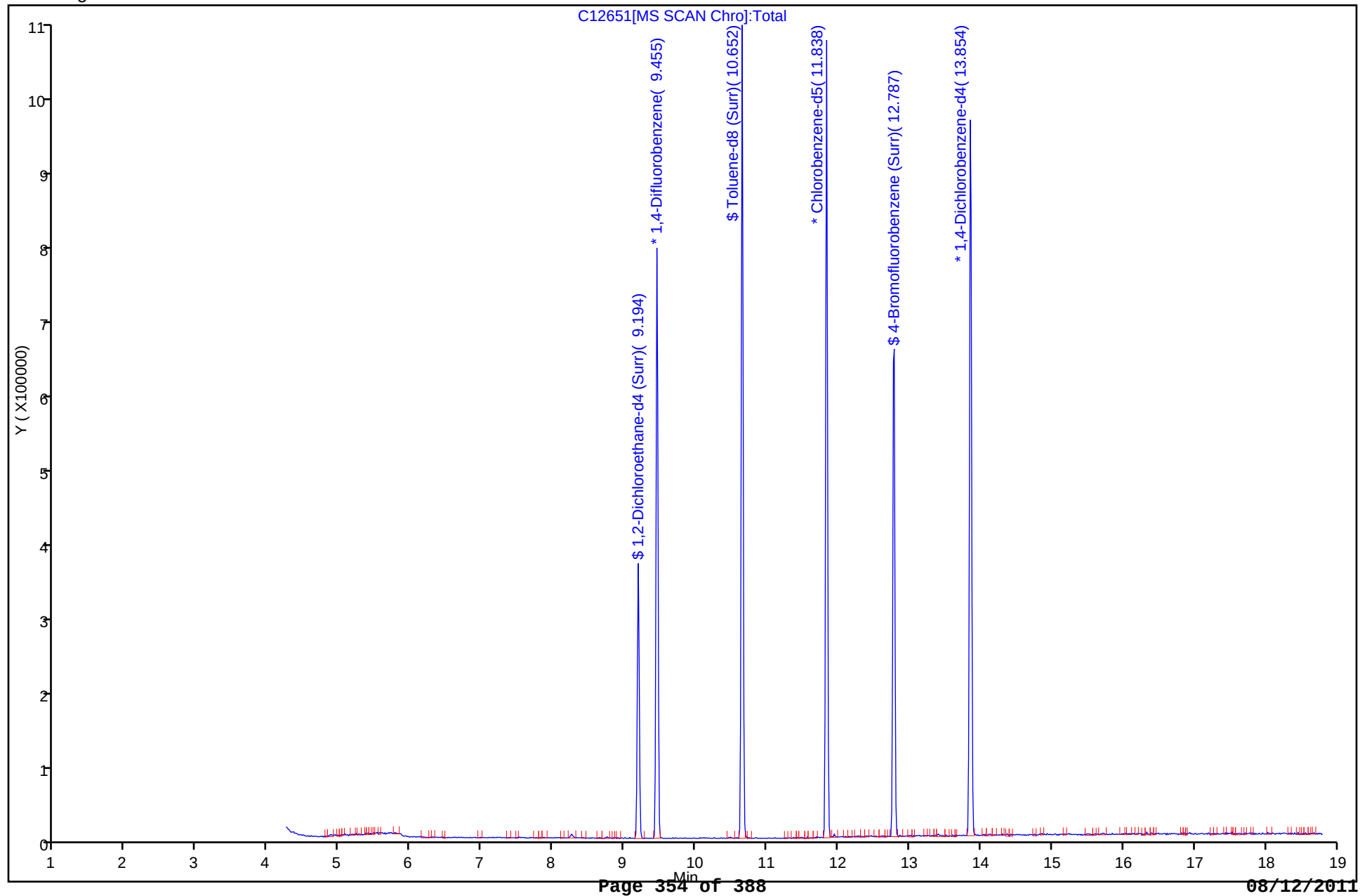
Lims Sample ID: 5

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-25432/5
 Matrix: Water Lab File ID: N9541.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 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.: 25432 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-25432/5
 Matrix: Water Lab File ID: N9541.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 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.: 25432 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)	130		66-137
2037-26-5	Toluene-d8 (Surr)	114		71-126
460-00-4	4-Bromofluorobenzene (Surr)	111		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9541.D
 Lims ID: MB Client ID:
 Inject. Date: 28-Jul-2011 18:33:30 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: MB
 Misc. Info.: 480-0004925-005
 Operator: DHC Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 5
 Lims Batch ID: 25432 Lims Sample ID: 5
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N-8260.m
 Last Update: 28-Jul-2011 19:11:50 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 28-Jul-2011 19:11:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	91	574652	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	83	504120	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	96	261573	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	235162	32.4	
\$ 6 Toluene-d8 (Surr)	98	5.966	5.966	0.0	83	646914	28.4	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	86	196293	27.7	
11 Dichlorodifluoromethane	85		1.008					
12 Chlorodifluoromethane	51		1.020					
13 Chloromethane	50		1.087					
14 Vinyl chloride	62		1.166					
15 Bromomethane	94		1.361					
16 Chloroethane	64		1.416					
17 Dichlorofluoromethane	67		1.598					
18 Trichlorofluoromethane	101		1.623					
19 Ethyl ether	59		1.787					
81 Propene oxide	58		1.872					
20 Acrolein	56		1.933					
22 1,1-Dichloroethene	96		1.994					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		1.994					
23 Acetone	43		2.061					
24 Iodomethane	142		2.109					
25 Carbon disulfide	76		2.170					
26 Isopropyl alcohol	45		2.231					
27 3-Chloro-1-propene	41		2.286					
28 Methyl acetate	43		2.316					
29 Acetonitrile	40		2.316					
30 Methylene Chloride	84		2.419					
31 2-Methyl-2-propanol	59		2.565					
33 trans-1,2-Dichloroethene	96		2.608					
32 Methyl tert-butyl ether	73		2.608					
34 Acrylonitrile	53		2.645					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
35 Hexane	57		2.790					
36 1,1-Dichloroethane	63		2.979					
37 Isopropyl ether	45		3.016					
38 2-Chloro-1,3-butadiene	53		3.034					
39 Vinyl acetate	43		3.034					
40 1,1-Dimethoxyethane	75		3.076					
41 Tert-butyl ethyl ether	59		3.338					
42 2,2-Dichloropropane	77		3.478					
43 cis-1,2-Dichloroethene	96		3.496					
44 2-Butanone (MEK)	43		3.539					
45 Ethyl acetate	43		3.587					
46 Propionitrile	54		3.624					
47 Chlorobromomethane	128		3.709					
48 Methacrylonitrile	41		3.727					
49 Tetrahydrofuran	42		3.740					
50 Chloroform	83		3.800					
51 1,1,1-Trichloroethane	97		3.904					
52 Cyclohexane	56		3.922					
53 Carbon tetrachloride	117		4.032					
54 1,1-Dichloropropene	75		4.044					
55 Benzene	78		4.232					
56 Isobutyl alcohol	43		4.293					
57 1,2-Dichloroethane	62		4.293					
58 Tert-amyl methyl ether	73		4.336					
59 n-Heptane	43		4.439					
60 Trichloroethene	95		4.829					
61 n-Butanol	56		4.901					
62 Methylcyclohexane	83		4.950					
63 1,2-Dichloropropane	63		5.054					
64 Dibromomethane	93		5.181					
65 Methyl methacrylate	41		5.187					
66 1,4-Dioxane	88		5.218					
67 Dichlorobromomethane	83		5.346					
68 2-Nitropropane	43		5.583					
69 2-Chloroethyl vinyl ether	63		5.638					
70 Epichlorohydrin	57		5.711					
71 cis-1,3-Dichloropropene	75		5.753					
72 4-Methyl-2-pentanone (MIBK)	43		5.911					
73 Toluene	92		6.033					
74 2-Methylthiophene	97		6.161					
76 3-Methylthiophene	97		6.319					
75 trans-1,3-Dichloropropene	75		6.319					
77 Ethyl methacrylate	69		6.392					
78 1,1,2-Trichloroethane	83		6.495					
79 Tetrachloroethene	166		6.550					
80 1,3-Dichloropropane	76		6.648					
82 2-Hexanone	43		6.745					
83 Chlorodibromomethane	129		6.873					
84 Ethylene Dibromide	107		6.958					
85 Chlorobenzene	112		7.444					
86 3-Chlorobenzotrifluoride	180		7.457					
87 4-Chlorobenzotrifluoride	180		7.517					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
89 1,1,1,2-Tetrachloroethane	131		7.548					
88 Ethylbenzene	91		7.548					
90 m-Xylene & p-Xylene	106		7.676					
91 o-Xylene	106		8.083					
92 Styrene	104		8.114					
93 Bromoform	173		8.339					
94 2-Chlorobenzotrifluoride	180		8.406					
95 Isopropylbenzene	105		8.479					
96 Cyclohexanone	55		8.619					
97 Bromobenzene	156		8.801					
98 1,1,2,2-Tetrachloroethane	83		8.892					
99 1,2,3-Trichloropropane	110		8.911					
100 N-Propylbenzene	91		8.917					
101 trans-1,4-Dichloro-2-butene	53		8.941					
102 2-Chlorotoluene	126		9.008					
103 3-Chlorotoluene	126		9.081					
104 1,3,5-Trimethylbenzene	105		9.117					
105 4-Chlorotoluene	91		9.130					
106 tert-Butylbenzene	134		9.452					
107 Pentachloroethane	167		9.501					
108 1,2,4-Trimethylbenzene	105		9.513					
109 sec-Butylbenzene	105		9.683					
110 1,3-Dichlorobenzene	146		9.805					
111 4-Isopropyltoluene	119		9.841					
112 Dicyclopentadiene	66		9.872					
113 1,4-Dichlorobenzene	146		9.902					
114 1,2,3-Trimethylbenzene	105		9.945					
115 n-Butylbenzene	91		10.249					
116 1,2-Dichlorobenzene	146		10.267					
117 1,2-Dibromo-3-Chloropropane	75		11.028					
118 1,3,5-Trichlorobenzene	180		11.174					
119 1,2,4-Trichlorobenzene	180		11.727					
120 Hexachlorobutadiene	225		11.861					
121 Naphthalene	128		11.934					
122 1,2,3-Trichlorobenzene	180		12.141					
S 123 1,3-Dichloropropene, Total	1		30.000					7
S 124 1,2-Dichloroethene, Total	1		30.000					7
S 125 Total BTEX	1		30.000					7
S 126 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 128 Hexachloroethane TIC	117		0.000					1
T 129 tert-amyl alcohol TIC	1		0.000					1
T 127 Ethanol TIC	45		0.000					1
T 10 Ethylene oxide	1		0.000					1

QC Flag Legend

Processing Flags

1 - Missing Peaks

7 - Failed Limit of Detection

Report Date: 28-Jul-2011 19:11:50

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9541.D

Injection Date: 28-Jul-2011 18:33:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973N

Lims Batch ID: 25432

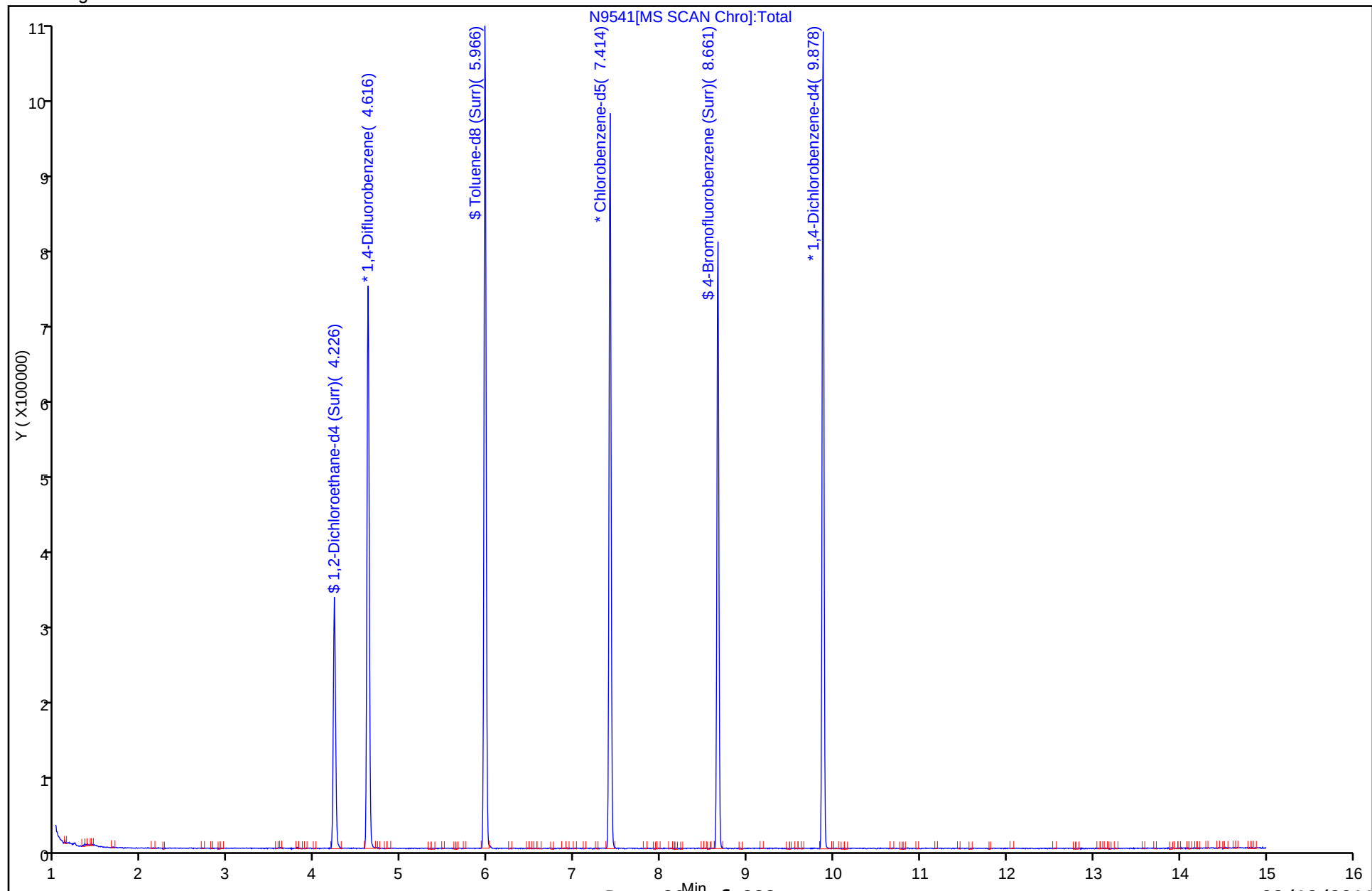
Lims Sample ID: 5

Operator ID: DHC

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.: 480-7718-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-25890/5
 Matrix: Water Lab File ID: T9985.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/02/2011 13:02
 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.: 25890 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-25890/5
 Matrix: Water Lab File ID: T9985.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/02/2011 13:02
 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.: 25890 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)	101		66-137
2037-26-5	Toluene-d8 (Surr)	102		71-126
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9985.D
 Lims ID: MB Client ID:
 Inject. Date: 02-Aug-2011 13:02:30 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: MB
 Misc. Info.: 480-0005007-005
 Operator: LH Instrument ID: HP5975T
 Vol. Injected: 1.0000 ALS Bottle#: 36
 Lims Batch ID: 25890 Lims Sample ID: 5
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T-8260.m
 Last Update: 02-Aug-2011 13:19:07 Calib Date: 21-Jul-2011 18:26:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 02-Aug-2011 13:19:07

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.582	4.582	0.0	95	661221	25.0	
* 2 Chlorobenzene-d5	117	6.779	6.779	0.0	85	569571	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.645	8.645	0.0	96	310236	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.271	4.261	0.010	0	262310	25.3	
\$ 6 Toluene-d8 (Surr)	98	5.670	5.670	0.0	94	725784	25.5	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.722	7.722	0.0	89	214577	25.3	
11 Dichlorodifluoromethane	85		0.966					
12 Chlorodifluoromethane	51		0.986					
13 Chloromethane	50		1.090					
14 Vinyl chloride	62		1.163					
15 Bromomethane	94		1.401					
16 Chloroethane	64		1.484					
18 Dichlorofluoromethane	67		1.660					
17 Trichlorofluoromethane	101		1.671					
19 Ethyl ether	59		1.919					
84 Propene oxide	58		2.002					
21 Acrolein	56		2.085					
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.106					
22 1,1-Dichloroethene	96		2.106					
23 Acetone	43		2.240					
24 Iodomethane	142		2.251					
25 Carbon disulfide	76		2.272					
26 Isopropyl alcohol	45		2.427					
27 3-Chloro-1-propene	41		2.448					
28 Methyl acetate	43		2.510					
29 Acetonitrile	40	2.541	2.520	0.021	92	6396	7.18	
30 Methylene Chloride	84		2.572					
31 2-Methyl-2-propanol	59		2.769					
33 Methyl tert-butyl ether	73		2.779					
32 trans-1,2-Dichloroethene	96		2.779					
34 Acrylonitrile	53		2.852					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
35 Hexane	57		2.955					
36 1,1-Dichloroethane	63		3.152					
37 Isopropyl ether	45		3.173					
38 2-Chloro-1,3-butadiene	53		3.194					
39 Vinyl acetate	43		3.215					
40 1,1-Dimethoxyethane	75		3.246					
41 Tert-butyl ethyl ether	59		3.463					
42 2,2-Dichloropropane	77		3.588					
43 cis-1,2-Dichloroethene	96		3.619					
44 2-Butanone (MEK)	43		3.681					
45 Ethyl acetate	43		3.712					
46 Propionitrile	54		3.764					
47 Chlorobromomethane	128		3.816					
48 Tetrahydrofuran	42		3.847					
49 Methacrylonitrile	41		3.857					
50 Chloroform	83		3.888					
51 1,1,1-Trichloroethane	97		3.971					
52 Cyclohexane	56		3.971					
53 Carbon tetrachloride	117		4.085					
54 1,1-Dichloropropene	75		4.095					
55 Benzene	78		4.261					
56 Isobutyl alcohol	43		4.313					
57 1,2-Dichloroethane	62		4.323					
58 Tert-amyl methyl ether	73		4.344					
59 n-Heptane	43		4.417					
60 Trichloroethene	95		4.748					
61 n-Butanol	56		4.810					
62 Methylcyclohexane	83		4.842					
63 1,2-Dichloropropane	63		4.945					
64 Methyl methacrylate	41		5.038					
65 Dibromomethane	93		5.049					
66 1,4-Dioxane	88		5.080					
67 Dichlorobromomethane	83		5.173					
68 2-Nitropropane	43		5.380					
69 2-Chloroethyl vinyl ether	63		5.401					
70 Epichlorohydrin	57		5.474					
71 cis-1,3-Dichloropropene	75		5.494					
72 4-Methyl-2-pentanone (MIBK)	43		5.629					
73 Toluene	92		5.712					
74 2-Methylthiophene	97		5.816					
75 trans-1,3-Dichloropropene	75		5.930					
76 3-Methylthiophene	97		5.950					
77 Ethyl methacrylate	69		5.982					
78 1,1,2-Trichloroethane	83		6.075					
79 Tetrachloroethene	166		6.116					
80 1,3-Dichloropropane	76		6.199					
81 2-Hexanone	43		6.261					
82 Chlorodibromomethane	129		6.375					
83 Ethylene Dibromide	107		6.448					
85 3-Chlorobenzotrifluoride	180		6.790					
86 Chlorobenzene	112		6.811					
87 4-Chlorobenzotrifluoride	180		6.831					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
88 Ethylbenzene	91		6.873					
89 1,1,1,2-Tetrachloroethane	131		6.883					
90 m-Xylene & p-Xylene	106		6.966					
91 o-Xylene	106		7.287					
92 Styrene	104		7.308					
93 Bromoform	173		7.484					
94 2-Chlorobenzotrifluoride	180		7.515					
95 Isopropylbenzene	105		7.567					
96 Cyclohexanone	55		7.712					
97 Bromobenzene	156		7.837					
98 1,1,2,2-Tetrachloroethane	83		7.878					
99 N-Propylbenzene	91		7.899					
100 1,2,3-Trichloropropane	110		7.909					
101 trans-1,4-Dichloro-2-butene	53		7.919					
105 2-Chlorotoluene	126		7.982					
103 3-Chlorotoluene	126		8.033					
104 1,3,5-Trimethylbenzene	105		8.044					
102 4-Chlorotoluene	91		8.065					
106 tert-Butylbenzene	134		8.303					
108 Pentachloroethane	167		8.344					
107 1,2,4-Trimethylbenzene	105		8.344					
109 sec-Butylbenzene	105		8.479					
110 1,3-Dichlorobenzene	146		8.583					
111 4-Isopropyltoluene	119		8.593					
112 Dicyclopentadiene	66		8.645					
113 1,4-Dichlorobenzene	146		8.666					
114 1,2,3-Trimethylbenzene	105		8.696					
115 n-Butylbenzene	91		8.935					
116 1,2-Dichlorobenzene	146		8.966					
117 1,2-Dibromo-3-Chloropropane	75		9.640					
118 1,3,5-Trichlorobenzene	180		9.764					
119 1,2,4-Trichlorobenzene	180		10.282					
120 Hexachlorobutadiene	225		10.396					
121 Naphthalene	128		10.500					
122 1,2,3-Trichlorobenzene	180		10.697					
S 125 Total BTEX	1		30.000					7
S 126 Xylenes, Total	1		30.000					7
S 123 1,3-Dichloropropene, Total	1		30.000					7
S 124 1,2-Dichloroethene, Total	1		30.000					7
T 127 Ethanol TIC	45		0.000					1
T 128 Hexachloroethane TIC	117		0.000					1
T 9 bis(2-chloromethyl)ether TIC	1		0.000					1
T 8 t-Amyl alcohol	59		0.000					1
T 10 Ethylene oxide	1		0.000					1

QC Flag Legend

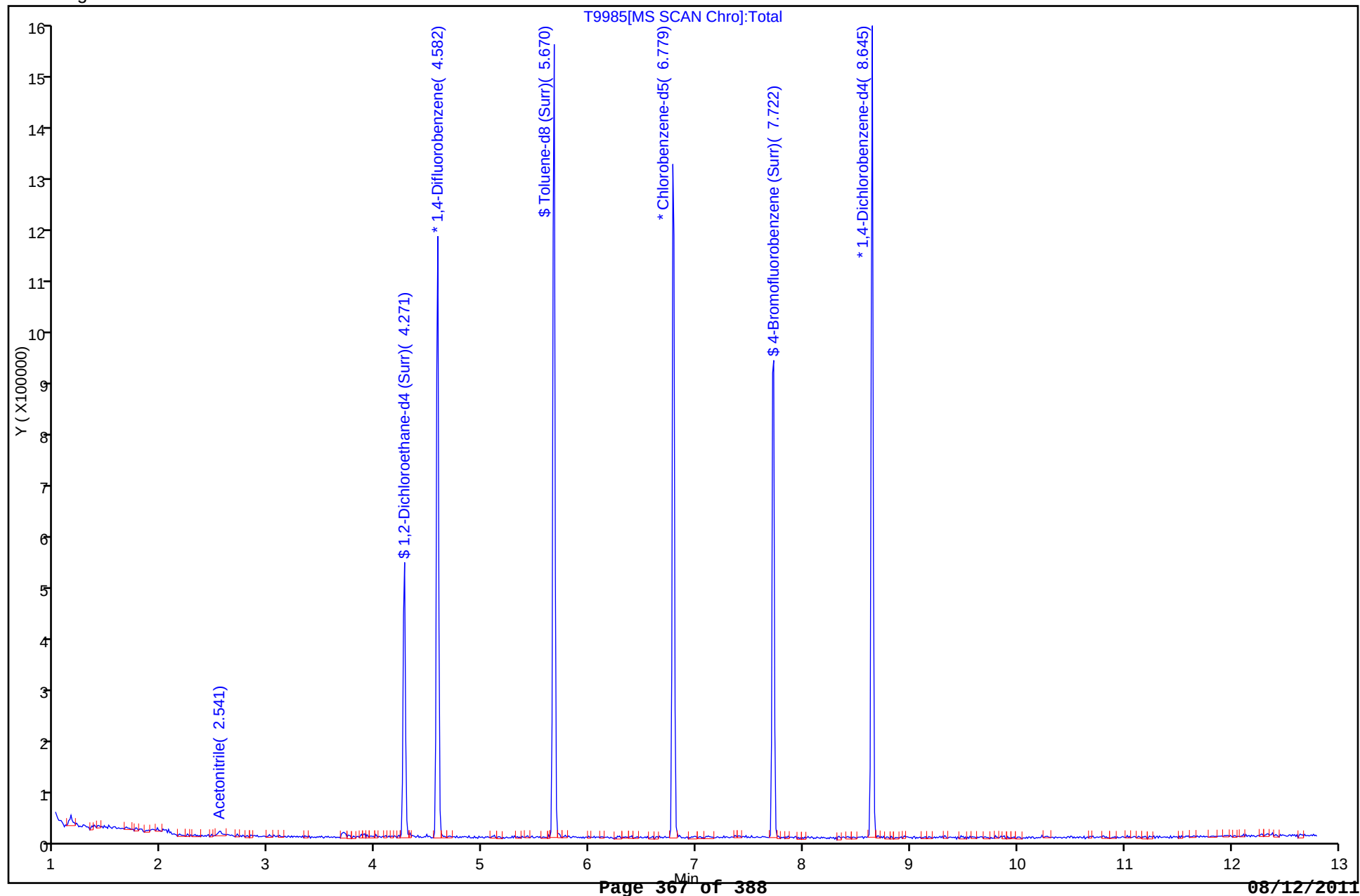
Processing Flags

1 - Missing Peaks

7 - Failed Limit of Detection

Report Date: 02-Aug-2011 13:19:07
Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9985.D
Injection Date: 02-Aug-2011 13:02:30
Client ID:
Lims Batch ID: 25890
Operator ID: LH
Column Type: ZB-624
Y Scaling:

Chrom Revision: 1.2 13-Jul-2011 10:43:06
Limit Group: MV - 8260B ICAL
Instrument ID: HP5975T
Lims Sample ID: 5
Column Dia: 0.25 mm



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-25167/4
 Matrix: Water Lab File ID: C12650.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/27/2011 11:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 25167 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	23.2		1.0	0.38
75-35-4	1,1-Dichloroethene	22.6		1.0	0.29
95-50-1	1,2-Dichlorobenzene	23.5		1.0	0.79
107-06-2	1,2-Dichloroethane	23.2		1.0	0.21
71-43-2	Benzene	24.1		1.0	0.41
108-90-7	Chlorobenzene	25.3		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	23.5		1.0	0.81
100-41-4	Ethylbenzene	24.6		1.0	0.74
1634-04-4	Methyl tert-butyl ether	22.1		1.0	0.16
127-18-4	Tetrachloroethene	25.1		1.0	0.36
108-88-3	Toluene	24.3		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	23.8		1.0	0.90
79-01-6	Trichloroethene	24.1		1.0	0.46
1330-20-7	Xylenes, Total	77.3		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		66-137
2037-26-5	Toluene-d8 (Surr)	104		71-126
460-00-4	4-Bromofluorobenzene (Surr)	110		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12650.D

Lims ID: LCS

Client ID:

Inject. Date: 27-Jul-2011 11:53:30

Dil. Factor: 1.0000

Sample Type: LCS

Sample ID: LCS

Misc. Info.: 480-0004882-004

Operator: LH

Instrument ID: HP5973C

Vol. Injected: 1.0000

ALS Bottle#: 3

Lims Batch ID: 25167

Lims Sample ID: 4

Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C-8260.m

Last Update: 27-Jul-2011 13:04:16

Calib Date: 20-Jul-2011 23:12:30

Quant Method: Internal Standard

Quant By: Initial Calibration

Last ICal File: \\Bufchrom\ChromData\HP5973C\20110720-4725.b\C12476.D

Limit Group: MV - 8260B ICAL

Integrator: RTE

ID Type: Deconvolution ID

Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 27-Jul-2011 13:04:16

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.455	9.455	0.0	96	657998	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	89	363554	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	355851	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	128861	25.9	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	726921	26.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	87	228757	27.4	
22 1,1-Dichloroethene	96	6.858	6.869	-0.011	86	166898	22.6	
32 Methyl tert-butyl ether	73	7.557	7.557	0.0	92	513874	22.1	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	92	197132	23.8	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	85	381542	23.2	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	71	207315	23.5	
57 Benzene	78	9.241	9.241	0.0	96	762673	24.1	
58 1,2-Dichloroethane	62	9.253	9.253	0.0	90	311242	23.2	
62 Trichloroethene	95	9.715	9.716	-0.001	97	200515	24.1	
74 Toluene	92	10.712	10.712	0.0	97	478470	24.3	
81 Tetrachloroethene	166	11.162	11.162	0.0	93	202461	25.1	
87 Chlorobenzene	112	11.862	11.862	0.0	89	554530	25.3	
88 Ethylbenzene	91	11.874	11.874	0.0	88	917241	24.6	
90 m-Xylene & p-Xylene	106	11.945	11.957	-0.012	98	745324	51.5	
91 o-Xylene	106	12.301	12.301	0.0	97	358328	25.8	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	97	751065	22.7	
116 1,2-Dichlorobenzene	146	14.305	14.305	0.0	97	431703	23.5	
S 124 Xylenes, Total	1				0		77.3	
S 125 1,2-Dichloroethene, Total	1				0		47.3	

Report Date: 27-Jul-2011 13:04:16

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973C\20110727-4882.b\C12650.D

Injection Date: 27-Jul-2011 11:53:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973C

Lims Batch ID: 25167

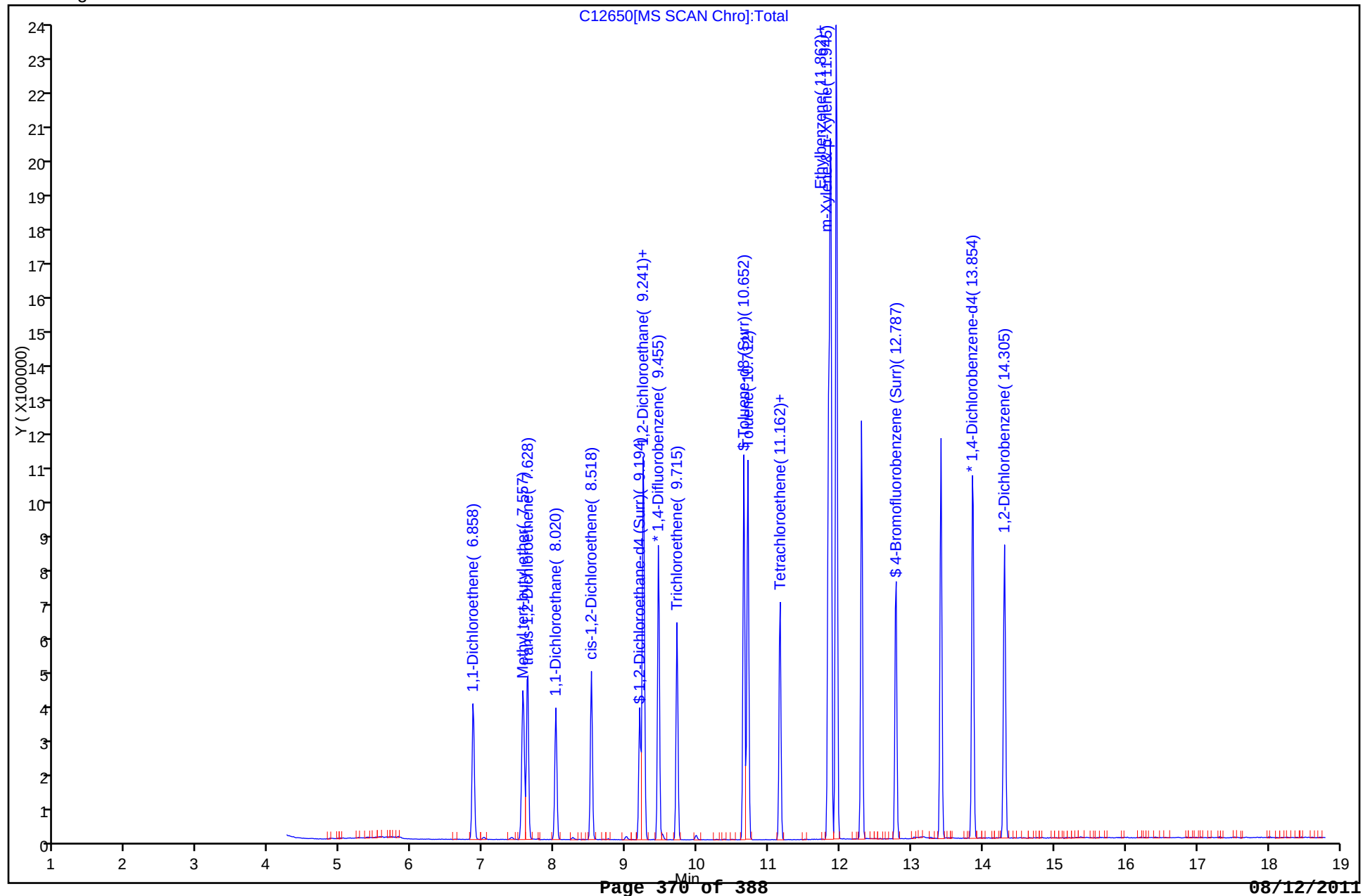
Lims Sample ID: 4

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 480-25432/4

Matrix: Water Lab File ID: N9540.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 07/28/2011 18:10

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.: 25432 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	21.0		1.0	0.38
75-35-4	1,1-Dichloroethene	18.3		1.0	0.29
95-50-1	1,2-Dichlorobenzene	20.9		1.0	0.79
107-06-2	1,2-Dichloroethane	24.3		1.0	0.21
71-43-2	Benzene	20.1		1.0	0.41
108-90-7	Chlorobenzene	20.3		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.81
100-41-4	Ethylbenzene	20.8		1.0	0.74
1634-04-4	Methyl tert-butyl ether	21.9		1.0	0.16
127-18-4	Tetrachloroethene	20.9		1.0	0.36
108-88-3	Toluene	20.1		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	21.1		1.0	0.90
79-01-6	Trichloroethene	20.6		1.0	0.46
1330-20-7	Xylenes, Total	61.6		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		66-137
2037-26-5	Toluene-d8 (Surr)	115		71-126
460-00-4	4-Bromofluorobenzene (Surr)	114		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9540.D
 Lims ID: LCS Client ID:
 Inject. Date: 28-Jul-2011 18:10:30 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: LCS
 Misc. Info.: 480-0004925-004
 Operator: DHC Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 4
 Lims Batch ID: 25432 Lims Sample ID: 4
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N-8260.m
 Last Update: 29-Jul-2011 11:25:32 Calib Date: 21-Jul-2011 18:23:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110721-4752.b\N9316.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: jonesr

Date: 30-Jul-2011 12:40:13

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.616	4.616	0.0	91	581918	25.0	
* 2 Chlorobenzene-d5	117	7.414	7.414	0.0	67	519929	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	95	273177	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.0	0	235871	32.0	
\$ 6 Toluene-d8 (Surr)	98	5.966	5.966	0.0	83	674860	28.8	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.661	8.661	0.0	86	208980	28.6	
22 1,1-Dichloroethene	96	1.994	1.994	0.0	89	108047	18.3	
33 trans-1,2-Dichloroethene	96	2.608	2.608	0.0	63	125217	21.1	
32 Methyl tert-butyl ether	73	2.608	2.608	0.0	89	416627	21.9	
36 1,1-Dichloroethane	63	2.979	2.979	0.0	85	219082	21.0	
43 cis-1,2-Dichloroethene	96	3.496	3.496	0.0	67	133474	20.1	
55 Benzene	78	4.232	4.232	0.0	95	517716	20.1	
57 1,2-Dichloroethane	62	4.293	4.293	0.0	93	214302	24.3	
60 Trichloroethene	95	4.829	4.829	0.0	91	132090	20.6	
73 Toluene	92	6.033	6.033	0.0	92	341249	20.1	
79 Tetrachloroethene	166	6.550	6.550	0.0	90	140249	20.9	
85 Chlorobenzene	112	7.445	7.444	0.0	92	388365	20.3	
88 Ethylbenzene	91	7.548	7.548	0.0	98	662080	20.8	
90 m-Xylene & p-Xylene	106	7.676	7.676	0.0	99	520821	41.3	
91 o-Xylene	106	8.083	8.083	0.0	96	246808	20.3	
108 1,2,4-Trimethylbenzene	105	9.513	9.513	0.0	91	545941	20.5	
116 1,2-Dichlorobenzene	146	10.267	10.267	0.0	95	299454	20.9	
S 124 1,2-Dichloroethene, Total	1				0		41.2	
S 126 Xylenes, Total	1				0		61.6	

Report Date: 30-Jul-2011 12:40:13

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5973N\20110728-4925.b\N9540.D

Injection Date: 28-Jul-2011 18:10:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5973N

Lims Batch ID: 25432

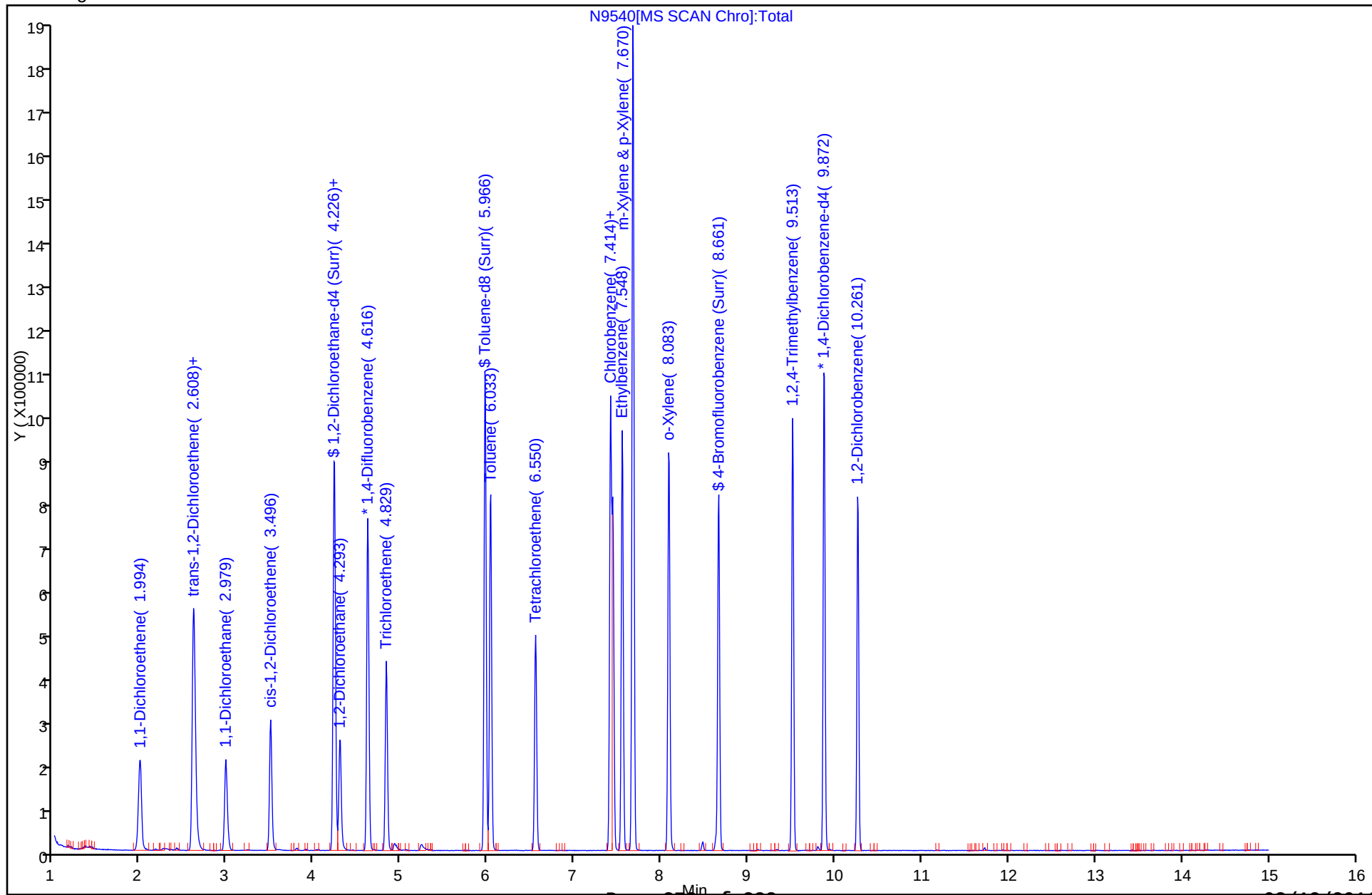
Lims Sample ID: 4

Operator ID: DHC

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.: 480-7718-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 480-25890/4

Matrix: Water Lab File ID: T9984.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/02/2011 12:38

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.: 25890 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	27.4		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	24.1		1.0	0.21
79-00-5	1,1,2-Trichloroethane	26.0		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	30.0		1.0	0.31
75-34-3	1,1-Dichloroethane	26.0		1.0	0.38
75-35-4	1,1-Dichloroethene	27.6		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	28.1		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	23.3		1.0	0.39
106-93-4	1,2-Dibromoethane	25.6		1.0	0.73
95-50-1	1,2-Dichlorobenzene	26.5		1.0	0.79
107-06-2	1,2-Dichloroethane	25.0		1.0	0.21
78-87-5	1,2-Dichloropropane	25.4		1.0	0.72
541-73-1	1,3-Dichlorobenzene	26.3		1.0	0.78
106-46-7	1,4-Dichlorobenzene	26.2		1.0	0.84
591-78-6	2-Hexanone	123		5.0	1.2
78-93-3	2-Butanone (MEK)	119		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	121		5.0	2.1
67-64-1	Acetone	113		10	3.0
71-43-2	Benzene	26.5		1.0	0.41
75-27-4	Bromodichloromethane	26.2		1.0	0.39
75-25-2	Bromoform	26.7		1.0	0.26
74-83-9	Bromomethane	30.0		1.0	0.69
75-15-0	Carbon disulfide	29.2		1.0	0.19
56-23-5	Carbon tetrachloride	28.2		1.0	0.27
108-90-7	Chlorobenzene	25.6		1.0	0.75
124-48-1	Dibromochloromethane	25.9		1.0	0.32
75-00-3	Chloroethane	27.3		1.0	0.32
67-66-3	Chloroform	25.6		1.0	0.34
74-87-3	Chloromethane	24.5		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	26.8		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	26.4		1.0	0.36
110-82-7	Cyclohexane	28.3		1.0	0.18
75-71-8	Dichlorodifluoromethane	27.8		1.0	0.68
100-41-4	Ethylbenzene	27.0		1.0	0.74
98-82-8	Isopropylbenzene	26.9		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-25890/4
 Matrix: Water Lab File ID: T9984.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/02/2011 12:38
 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.: 25890 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	24.0		1.0	0.50
1634-04-4	Methyl tert-butyl ether	27.0		1.0	0.16
108-87-2	Methylcyclohexane	29.3		1.0	0.16
75-09-2	Methylene Chloride	24.7		1.0	0.44
100-42-5	Styrene	26.9		1.0	0.73
127-18-4	Tetrachloroethene	25.7		1.0	0.36
108-88-3	Toluene	26.3		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	26.7		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	26.6		1.0	0.37
79-01-6	Trichloroethene	26.0		1.0	0.46
75-69-4	Trichlorofluoromethane	29.8		1.0	0.88
75-01-4	Vinyl chloride	27.4		1.0	0.90
1330-20-7	Xylenes, Total	80.6		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		66-137
2037-26-5	Toluene-d8 (Surr)	103		71-126
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9984.D
 Lims ID: LCS Client ID:
 Inject. Date: 02-Aug-2011 12:38:30 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: LCS
 Misc. Info.: 480-0005007-004
 Operator: LH Instrument ID: HP5975T
 Vol. Injected: 1.0000 ALS Bottle#: 35
 Lims Batch ID: 25890 Lims Sample ID: 4
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T-8260.m
 Last Update: 02-Aug-2011 13:18:40 Calib Date: 21-Jul-2011 18:26:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5975T\20110721-4753.b\T9715.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HillL

Date: 02-Aug-2011 13:18:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.583	4.582	0.0	95	686190	25.0	
* 2 Chlorobenzene-d5	117	6.779	6.779	0.0	83	618604	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.645	8.645	0.0	94	336778	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	65	4.272	4.261	0.011	0	267922	24.9	
\$ 6 Toluene-d8 (Surr)	98	5.671	5.670	0.001	85	792955	25.7	
\$ 7 4-Bromofluorobenzene (Surr)	174	7.723	7.722	0.0	88	237694	25.8	
11 Dichlorodifluoromethane	85	0.966	0.966	0.0	87	253733	27.8	
13 Chloromethane	50	1.090	1.090	0.0	89	396518	24.5	
14 Vinyl chloride	62	1.173	1.163	0.010	83	319688	27.4	
15 Bromomethane	94	1.411	1.401	0.010	93	118525	30.0	
16 Chloroethane	64	1.494	1.484	0.010	94	160300	27.3	
17 Trichlorofluoromethane	101	1.670	1.671	-0.001	80	278512	29.8	
21 Acrolein	56	2.095	2.085	0.010	98	310856	436.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.116	2.106	0.010	84	213417	30.0	
22 1,1-Dichloroethene	96	2.116	2.106	0.010	85	223898	27.6	
23 Acetone	43	2.251	2.240	0.011	99	519256	113.1	
24 Iodomethane	142	2.272	2.251	0.021	99	270229	29.0	
25 Carbon disulfide	76	2.282	2.272	0.010	100	557304	29.2	
28 Methyl acetate	43	2.510	2.510	0.0	97	398141	24.0	
29 Acetonitrile	40	2.531	2.520	0.011	99	859044	928.9	
30 Methylene Chloride	84	2.582	2.572	0.010	85	246850	24.7	
33 Methyl tert-butyl ether	73	2.779	2.779	0.0	91	632174	27.0	
32 trans-1,2-Dichloroethene	96	2.779	2.779	0.0	92	236458	26.7	
34 Acrylonitrile	53	2.852	2.852	0.0	99	593526	122.6	
36 1,1-Dichloroethane	63	3.152	3.152	0.0	85	468480	26.0	
39 Vinyl acetate	43	3.215	3.215	0.0	97	2444954	132.4	
42 2,2-Dichloropropane	77	3.588	3.588	0.0	84	182620	29.1	
43 cis-1,2-Dichloroethene	96	3.619	3.619	0.0	70	256978	26.8	
44 2-Butanone (MEK)	43	3.681	3.681	0.0	98	788320	118.5	
47 Chlorobromomethane	128	3.816	3.816	0.0	91	135595	27.4	
48 Tetrahydrofuran	42	3.847	3.847	0.0	93	503929	119.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
50 Chloroform	83	3.888	3.888	0.0	83	410500	25.6	
51 1,1,1-Trichloroethane	97	3.971	3.971	0.0	73	315952	27.4	
52 Cyclohexane	56	3.971	3.971	0.0	95	506414	28.3	
53 Carbon tetrachloride	117	4.085	4.085	0.0	64	315563	28.2	
54 1,1-Dichloropropene	75	4.095	4.095	0.0	89	324925	27.5	
55 Benzene	78	4.261	4.261	0.0	94	905648	26.5	
57 1,2-Dichloroethane	62	4.323	4.323	0.0	90	350751	25.0	
60 Trichloroethene	95	4.748	4.748	0.0	92	238203	26.0	
62 Methylcyclohexane	83	4.842	4.842	0.0	97	405203	29.3	
63 1,2-Dichloropropane	63	4.945	4.945	0.0	94	260493	25.4	
65 Dibromomethane	93	5.049	5.049	0.0	87	148342	26.3	
67 Dichlorobromomethane	83	5.173	5.173	0.0	92	287273	26.2	
69 2-Chloroethyl vinyl ether	63	5.401	5.401	0.0	91	765315	114.9	
71 cis-1,3-Dichloropropene	75	5.494	5.494	0.0	88	347057	26.4	
72 4-Methyl-2-pentanone (MIBK)	43	5.629	5.629	0.0	98	1629107	120.9	
73 Toluene	92	5.712	5.712	0.0	97	559494	26.3	
75 trans-1,3-Dichloropropene	75	5.930	5.930	0.0	93	308202	26.6	
77 Ethyl methacrylate	69	5.982	5.982	0.0	95	275490	26.4	
78 1,1,2-Trichloroethane	83	6.075	6.075	0.0	88	174979	26.0	
79 Tetrachloroethene	166	6.116	6.116	0.0	83	250294	25.7	
80 1,3-Dichloropropane	76	6.199	6.199	0.0	97	334410	24.6	
81 2-Hexanone	43	6.261	6.261	0.0	98	1194799	122.9	
82 Chlorodibromomethane	129	6.375	6.375	0.0	89	229538	25.9	
83 Ethylene Dibromide	107	6.448	6.448	0.0	98	211098	25.6	
86 Chlorobenzene	112	6.811	6.811	0.0	87	639508	25.6	
88 Ethylbenzene	91	6.873	6.873	0.0	99	1036485	27.0	
89 1,1,1,2-Tetrachloroethane	131	6.883	6.883	0.0	89	232913	26.4	
90 m-Xylene & p-Xylene	106	6.966	6.966	0.0	98	829177	54.0	
91 o-Xylene	106	7.287	7.287	0.0	94	394900	26.6	
92 Styrene	104	7.308	7.308	0.0	77	664194	26.9	
93 Bromoform	173	7.484	7.484	0.0	96	140620	26.7	
95 Isopropylbenzene	105	7.567	7.567	0.0	96	1052335	26.9	
97 Bromobenzene	156	7.836	7.837	-0.001	94	267295	26.3	
98 1,1,2,2-Tetrachloroethane	83	7.878	7.878	0.0	50	282755	24.1	
99 N-Propylbenzene	91	7.899	7.899	0.0	95	1288134	27.0	
100 1,2,3-Trichloropropane	110	7.909	7.909	0.0	81	87828	24.9	
101 trans-1,4-Dichloro-2-butene	53	7.919	7.919	0.0	89	397155	112.2	
105 2-Chlorotoluene	126	7.982	7.982	0.0	96	267749	27.1	
104 1,3,5-Trimethylbenzene	105	8.044	8.044	0.0	65	893165	27.3	
102 4-Chlorotoluene	91	8.064	8.065	-0.001	82	858997	26.6	
106 tert-Butylbenzene	134	8.303	8.303	0.0	91	203085	27.5	
107 1,2,4-Trimethylbenzene	105	8.344	8.344	0.0	97	905331	27.4	
109 sec-Butylbenzene	105	8.479	8.479	0.0	94	1195818	27.9	
110 1,3-Dichlorobenzene	146	8.583	8.583	0.0	98	537175	26.3	
111 4-Isopropyltoluene	119	8.593	8.593	0.0	95	1058006	28.6	
113 1,4-Dichlorobenzene	146	8.666	8.666	0.0	94	552165	26.2	
115 n-Butylbenzene	91	8.935	8.935	0.0	92	925789	27.6	
116 1,2-Dichlorobenzene	146	8.976	8.966	0.010	92	527569	26.5	
117 1,2-Dibromo-3-Chloropropane	75	9.640	9.640	0.0	81	49422	23.3	
119 1,2,4-Trichlorobenzene	180	10.282	10.282	0.0	94	379052	28.1	
120 Hexachlorobutadiene	225	10.396	10.396	0.0	96	190714	29.0	
121 Naphthalene	128	10.500	10.500	0.0	97	965818	23.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
122 1,2,3-Trichlorobenzene	180	10.697	10.697	0.0	93	365642	28.3	
S 126 Xylenes, Total	1				0		80.6	
S 123 1,3-Dichloropropene, Total	1				0		52.9	
S 124 1,2-Dichloroethene, Total	1				0		53.5	

Report Date: 02-Aug-2011 13:18:41

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\Bufchrom\ChromData\HP5975T\20110802-5007.b\T9984.D

Injection Date: 02-Aug-2011 12:38:30

Limit Group: MV - 8260B ICAL

Client ID:

Instrument ID: HP5975T

Lims Batch ID: 25890

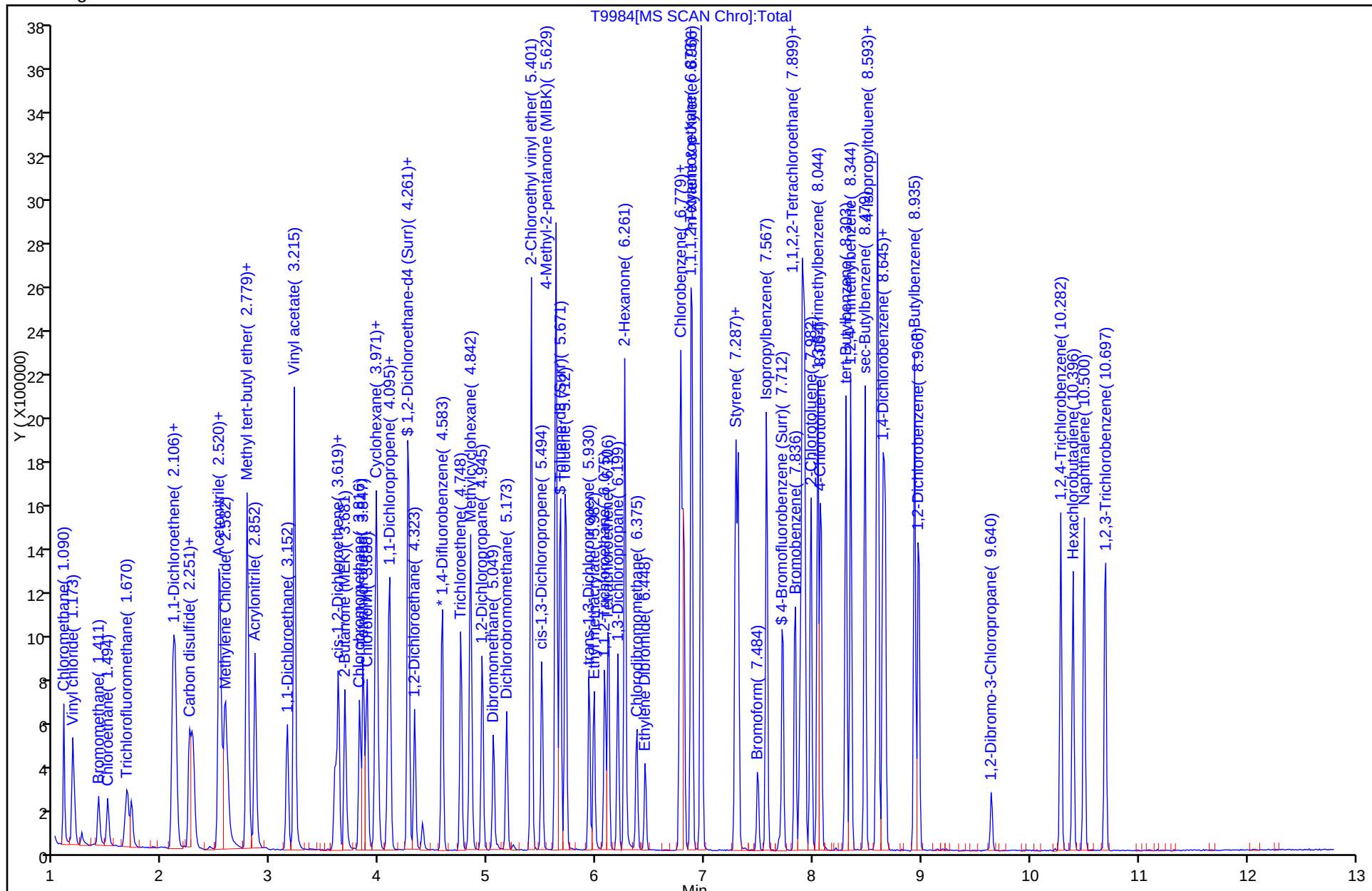
Lims Sample ID: 4

Operator ID: LH

Column Type: ZB-624

Column Dia: 0.25 mm

Y Scaling:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Instrument ID: HP5973C Start Date: 07/20/2011 13:41Analysis Batch Number: 24235 End Date: 07/20/2011 23:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-24235/1		07/20/2011 13:41	1	C12458.D	ZB-624 (30) 0.53 (mm)
STD 480-24235/2 IC		07/20/2011 14:44	1	C12460.D	ZB-624 (30) 0.53 (mm)
STD 480-24235/3 IC		07/20/2011 15:10	1	C12461.D	ZB-624 (30) 0.53 (mm)
STD 480-24235/4 IC		07/20/2011 15:35	1	C12462.D	ZB-624 (30) 0.53 (mm)
STD 480-24235/5 ICIS		07/20/2011 16:01	1	C12463.D	ZB-624 (30) 0.53 (mm)
STD 480-24235/6 IC		07/20/2011 16:26	1	C12464.D	ZB-624 (30) 0.53 (mm)
STD 480-24235/7 IC		07/20/2011 16:52	1	C12465.D	ZB-624 (30) 0.53 (mm)
ICV 480-24235/8		07/20/2011 18:10	1		ZB-624 (30) 0.53 (mm)
MDLV 480-24235/9		07/20/2011 20:13	1		ZB-624 (30) 0.53 (mm)
STD 480-24235/10 IC		07/20/2011 21:05	1		ZB-624 (30) 0.53 (mm)
STD 480-24235/11 IC		07/20/2011 21:30	1		ZB-624 (30) 0.53 (mm)
STD 480-24235/12 IC		07/20/2011 21:56	1		ZB-624 (30) 0.53 (mm)
STD 480-24235/13 IC		07/20/2011 22:21	1		ZB-624 (30) 0.53 (mm)
STD 480-24235/14 IC		07/20/2011 22:47	1		ZB-624 (30) 0.53 (mm)
STD 480-24235/15 IC		07/20/2011 23:12	1		ZB-624 (30) 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-7718-1

SDG No.: _____

Instrument ID: HP5973CStart Date: 07/27/2011 10:22Analysis Batch Number: 25167End Date: 07/27/2011 21:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-25167/1		07/27/2011 10:22	1	C12647.D	ZB-624 (30) 0.53 (mm)
CCVIS 480-25167/2		07/27/2011 10:50	1	C12648.D	ZB-624 (30) 0.53 (mm)
CCV 480-25167/3		07/27/2011 11:28	1		ZB-624 (30) 0.53 (mm)
LCS 480-25167/4		07/27/2011 11:53	1	C12650.D	ZB-624 (30) 0.53 (mm)
MB 480-25167/5		07/27/2011 12:18	1	C12651.D	ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 12:44	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 13:09	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 13:34	10		ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 13:59	10		ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 14:24	10		ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 14:51	200		ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 15:16	200		ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 15:42	200		ZB-624 (30) 0.53 (mm)
480-7718-1	MW-2	07/27/2011 16:32	1	C12661.D	ZB-624 (30) 0.53 (mm)
480-7718-2	MW-3	07/27/2011 16:58	1	C12662.D	ZB-624 (30) 0.53 (mm)
480-7718-3	MW-6	07/27/2011 17:23	1	C12663.D	ZB-624 (30) 0.53 (mm)
480-7718-4	MW-8R	07/27/2011 17:48	1	C12664.D	ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 18:13	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 18:39	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 19:04	1		ZB-624 (30) 0.53 (mm)
480-7718-8	MW-13S	07/27/2011 19:29	1	C12668.D	ZB-624 (30) 0.53 (mm)
480-7718-9	Duplicate	07/27/2011 19:54	1	C12669.D	ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 20:19	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 20:43	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		07/27/2011 21:08	25		ZB-624 (30) 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Instrument ID: HP5973N Start Date: 07/21/2011 10:49Analysis Batch Number: 24423 End Date: 07/21/2011 18:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-24423/1		07/21/2011 10:49	1	N9298.D	ZB-624 (60) 0.25 (mm)
STD 480-24423/2 IC		07/21/2011 11:44	1	N9300.D	ZB-624 (60) 0.25 (mm)
STD 480-24423/3 IC		07/21/2011 12:07	1	N9301.D	ZB-624 (60) 0.25 (mm)
STD 480-24423/4 IC		07/21/2011 12:31	1	N9302.D	ZB-624 (60) 0.25 (mm)
STD 480-24423/5 ICIS		07/21/2011 12:55	1	N9303.D	ZB-624 (60) 0.25 (mm)
STD 480-24423/6 IC		07/21/2011 13:18	1	N9304.D	ZB-624 (60) 0.25 (mm)
STD 480-24423/7 IC		07/21/2011 13:41	1	N9305.D	ZB-624 (60) 0.25 (mm)
ICV 480-24423/8		07/21/2011 14:55	1		ZB-624 (60) 0.25 (mm)
MDLV 480-24423/9		07/21/2011 15:41	1		ZB-624 (60) 0.25 (mm)
STD 480-24423/10 IC		07/21/2011 16:26	1		ZB-624 (60) 0.25 (mm)
STD 480-24423/11 IC		07/21/2011 16:50	1		ZB-624 (60) 0.25 (mm)
STD 480-24423/12 IC		07/21/2011 17:13	1		ZB-624 (60) 0.25 (mm)
STD 480-24423/13 IC		07/21/2011 17:36	1		ZB-624 (60) 0.25 (mm)
STD 480-24423/14 IC		07/21/2011 17:59	1		ZB-624 (60) 0.25 (mm)
STD 480-24423/15 IC		07/21/2011 18:23	1		ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-7718-1

SDG No.: _____

Instrument ID: HP5973NStart Date: 07/28/2011 15:29Analysis Batch Number: 25432End Date: 07/29/2011 03:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-25432/1		07/28/2011 15:29	1	N9537.D	ZB-624 (60) 0.25 (mm)
CCVIS 480-25432/2		07/28/2011 17:06	1	N9538.D	ZB-624 (60) 0.25 (mm)
CCV 480-25432/3		07/28/2011 17:46	1		ZB-624 (60) 0.25 (mm)
LCS 480-25432/4		07/28/2011 18:10	1	N9540.D	ZB-624 (60) 0.25 (mm)
MB 480-25432/5		07/28/2011 18:33	1	N9541.D	ZB-624 (60) 0.25 (mm)
480-7718-5	MW-10	07/28/2011 19:29	1	N9542.D	ZB-624 (60) 0.25 (mm)
480-7718-6	MW-11	07/28/2011 19:53	1	N9543.D	ZB-624 (60) 0.25 (mm)
480-7718-7	MW-12	07/28/2011 20:16	1	N9544.D	ZB-624 (60) 0.25 (mm)
480-7718-10	Rinse	07/28/2011 20:40	1	N9545.D	ZB-624 (60) 0.25 (mm)
480-7718-11	Trip	07/28/2011 21:03	1	N9546.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		07/28/2011 21:26	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/28/2011 21:48	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/28/2011 22:12	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/28/2011 22:35	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/28/2011 22:58	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/28/2011 23:21	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/28/2011 23:44	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/29/2011 00:07	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/29/2011 00:31	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/29/2011 00:54	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/29/2011 01:17	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/29/2011 01:40	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/29/2011 02:03	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/29/2011 02:26	80		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/29/2011 02:50	80		ZB-624 (60) 0.25 (mm)
ZZZZZ		07/29/2011 03:13	80		ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-7718-1

SDG No.: _____

Instrument ID: HP5975T Start Date: 07/21/2011 10:51Analysis Batch Number: 24425 End Date: 07/21/2011 18:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-24425/1		07/21/2011 10:51	1	T9697.D	ZB-624 (60) 0.25 (mm)
STD 480-24425/2 IC		07/21/2011 11:46	1	T9699.D	ZB-624 (60) 0.25 (mm)
STD 480-24425/3 IC		07/21/2011 12:10	1	T9700.D	ZB-624 (60) 0.25 (mm)
STD 480-24425/4 IC		07/21/2011 12:33	1	T9701.D	ZB-624 (60) 0.25 (mm)
STD 480-24425/5 ICIS		07/21/2011 12:57	1	T9702.D	ZB-624 (60) 0.25 (mm)
STD 480-24425/6 IC		07/21/2011 13:20	1		ZB-624 (60) 0.25 (mm)
STD 480-24425/7 IC		07/21/2011 13:43	1	T9704.D	ZB-624 (60) 0.25 (mm)
ICV 480-24425/8		07/21/2011 14:56	1		ZB-624 (60) 0.25 (mm)
MDLV 480-24425/9		07/21/2011 15:43	1		ZB-624 (60) 0.25 (mm)
STD 480-24425/10 IC		07/21/2011 16:30	1		ZB-624 (60) 0.25 (mm)
STD 480-24425/11 IC		07/21/2011 16:53	1		ZB-624 (60) 0.25 (mm)
STD 480-24425/12 IC		07/21/2011 17:16	1		ZB-624 (60) 0.25 (mm)
STD 480-24425/13 IC		07/21/2011 17:40	1		ZB-624 (60) 0.25 (mm)
STD 480-24425/14 IC		07/21/2011 18:03	1		ZB-624 (60) 0.25 (mm)
STD 480-24425/15 IC		07/21/2011 18:26	1		ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-7718-1

SDG No.: _____

Instrument ID: HP5975TStart Date: 08/02/2011 11:17Analysis Batch Number: 25890End Date: 08/02/2011 22:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-25890/1		08/02/2011 11:17	1	T9981.D	ZB-624 (60) 0.25 (mm)
CCVIS 480-25890/2		08/02/2011 11:40	1	T9982.D	ZB-624 (60) 0.25 (mm)
CCV 480-25890/3		08/02/2011 12:15	1		ZB-624 (60) 0.25 (mm)
LCS 480-25890/4		08/02/2011 12:38	1	T9984.D	ZB-624 (60) 0.25 (mm)
MB 480-25890/5		08/02/2011 13:02	1	T9985.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 13:35	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 13:59	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 14:22	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 14:45	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 15:09	1		ZB-624 (60) 0.25 (mm)
480-7718-4 DL	MW-8R DL	08/02/2011 15:33	800	T9991.D	ZB-624 (60) 0.25 (mm)
480-7718-8 DL	MW-13S DL	08/02/2011 15:56	800	T9992.D	ZB-624 (60) 0.25 (mm)
480-7718-9 DL	Duplicate DL	08/02/2011 16:20	800	T9993.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 16:43	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 17:07	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 17:30	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 17:53	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 18:16	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 18:40	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 19:04	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 19:27	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 19:51	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 20:14	125		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 20:38	100		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 21:01	20		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 21:25	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 21:49	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		08/02/2011 22:36	5		ZB-624 (60) 0.25 (mm)

Shipping and Receiving Documents

TestAmerica Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2228
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica

ME 5000 IN - 10/1/01

Client Information

Client Contact

Mr. Dino Zack

Company

AECOM, Inc.

Address

100 Corporate Parkway Suite 341

City

Amherst

State, Zip

NY, 14228

Phone

716-836-4506

Email

dino.zack@aecom.com

Project Name

Scott Aviation site

Site

New York

Sampler

Emily Laity

Phone

716-836-4506

Lab HM

Fischer Brian

E-Mail

brian.fischer@testamerica.com

COG No

480-15194-3450.1

Page

Page 1 of 1

Preservation Codes:

- A - HCL
- B - NaOH
- C - Zn Acetate
- D - HNO₃ / H₂O₂
- E - NaOH
- F - NaOH
- G - Another
- H - Acetic Acid
- I - Ice
- J - Dry Ice
- K - EDTA
- L - EDTA
- Other:
- M - HCL
- N - HNO₃
- O - HNO₃ / H₂O₂
- P - NaOH
- Q - HNO₃ / H₂O₂
- R - NaOH
- S - HNO₃ / H₂O₂
- T - 70% Dioxane / 30% H₂O
- U - Acetone
- V - NaOH
- W - H₂O
- X - EDTA
- Y - EDTA
- Z - Other (specify)

Analysis Requested

Perform MSD (Yes or No)

Field Filtered Sample (Yes or No)

Special Instructions/Notes

Total Number of Containers

Sample Identification

Sample Date

Sample Time

Sample Type (C=Composite, G=Grab)

Preservation Code

Matrix (see sample matrix on back)

MW-2

MW-3

MW-6

MW-8R

MW-10

MW-11

MW-12

MW-13S

Duplicate

Rinse

TRIP

7-25-11

7-26-11

7-26-11

7-26-11

7-26-11

7-26-11

7-26-11

7-26-11

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7-26-11

7-26-11

7-26-11

7-26-11

Due Date Requested

TAT Requested (days)

Purchase Order not required

PO #

WFO #

Project #

48002508

SSOW #

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/OC Requirements

Method of Shipment

Received by

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Company

AECOM, Inc.

Address

100 Corporate Parkway Suite 341

City

Amherst

State, Zip

NY, 14228

Phone

716-836-4506

Email

dino.zack@aecom.com

Project Name

Scott Aviation site

Site

New York

Sample Identification

Sample Date

Sample Time

Sample Type (C=Composite, G=Grab)

Preservation Code

Matrix (see sample matrix on back)

MW-2

MW-3

MW-6

MW-8R

MW-10

MW-11

MW-12

MW-13S

Duplicate

Rinse

TRIP

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

Due Date Requested

TAT Requested (days)

Purchase Order not required

PO #

WFO #

Project #

48002508

SSOW #

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/OC Requirements

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Phone

716-836-4506

Email

dino.zack@aecom.com

Project Name

Scott Aviation site

Site

New York

Sample Identification

Sample Date

Sample Time

Sample Type (C=Composite, G=Grab)

Preservation Code

Matrix (see sample matrix on back)

MW-2

MW-3

MW-6

MW-8R

MW-10

MW-11

MW-12

MW-13S

Duplicate

Rinse

TRIP

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

7-25-11

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-7718-1

Login Number: 7718

List Source: TestAmerica Buffalo

List Number: 1

Creator: May, Joel M

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	

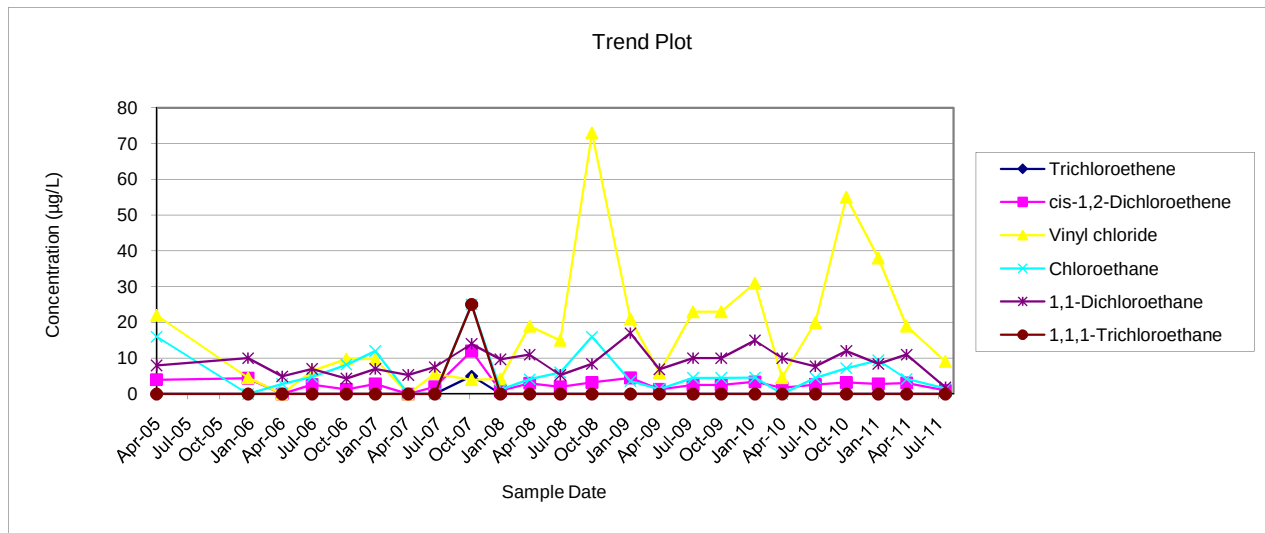


APPENDIX D

Historical and Current Summary of VOCs in Groundwater

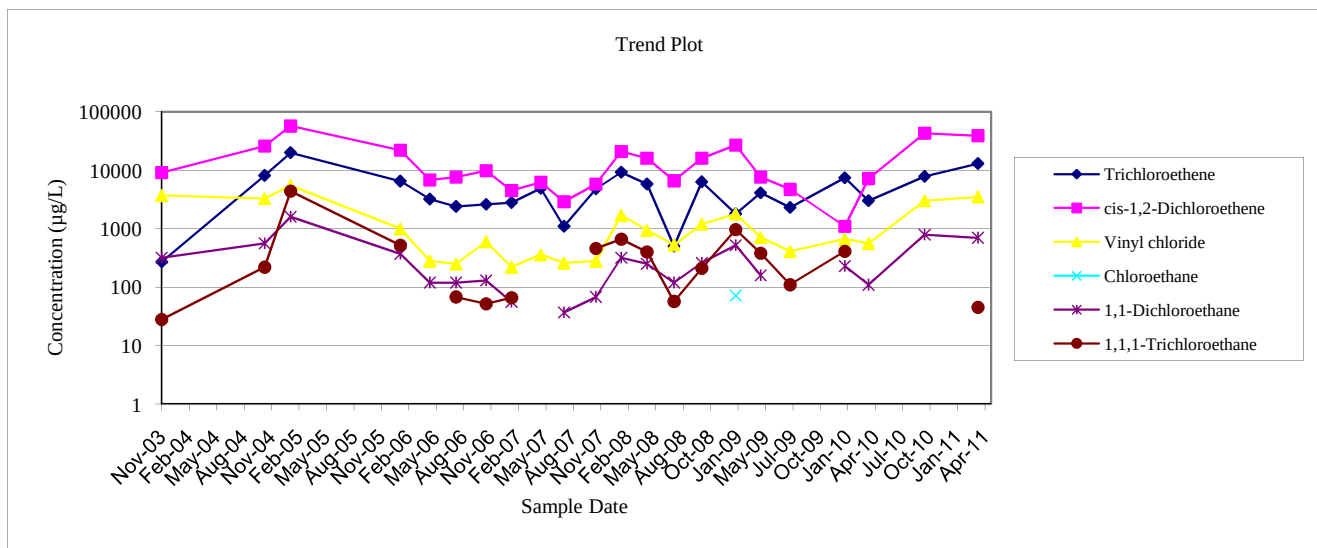
MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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



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

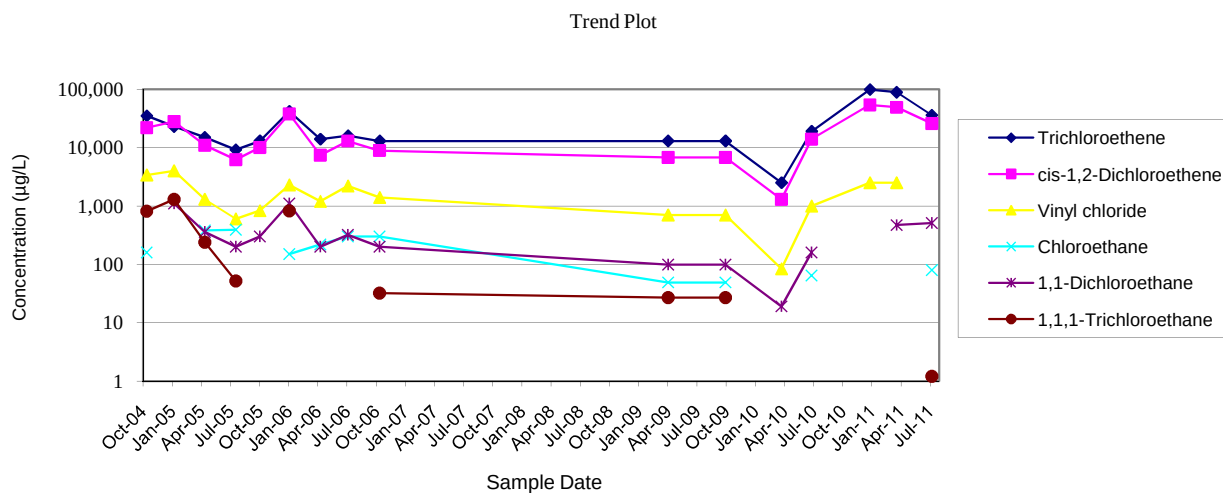
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	270	9,100	3,700	< 10	320	28
10/13/2004	8,100	26,000	3,300	< 1000	560	220
1/7/2005	20,000	57,000	5,500	< 2000	1,600	4,400
1/6/2006	6,500	22,000	1,000	< 2000	370	520
4/14/2006	3,200	6,800	280	<500	120	<500
7/10/2006	2,400	7,600	250	<500	120	68
10/18/2006	2,600	9,800	600	<5	130	52
1/10/2007	2,800	4,500	220	<400	56	66
4/17/2007	4,900	6,200	360	<500	<500	<500
7/3/2007	1,100	2,900	260	<200	37	<200
10/17/2007	4,800	5,800	280	<500	68	460
1/9/2008	9,200	21,000	1,700	<500	320	660
4/3/2008	5,800	16,000	940	<1200	250	400
7/2/2008	500	6,600	530	<500	120	57
10/2/2008	6,300	16,000	1,200	<500	260	210
1/22/2009	1,800	27,000	1,800	72	520	970
4/15/2009	4,100	7,600	710	<200	160	380
7/22/2009	2,300	4,700	410	<250	<250	110
1/19/2010	7,400	1,100	670	<1000	230	410
4/8/2010	3,000	7,200	560	<500	110	<500
10/11/2010	7,800	43,000	3,000	<4,000	790	<4,000
4/6/2011	13,000	39,000	3,500	<40	700	45



Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

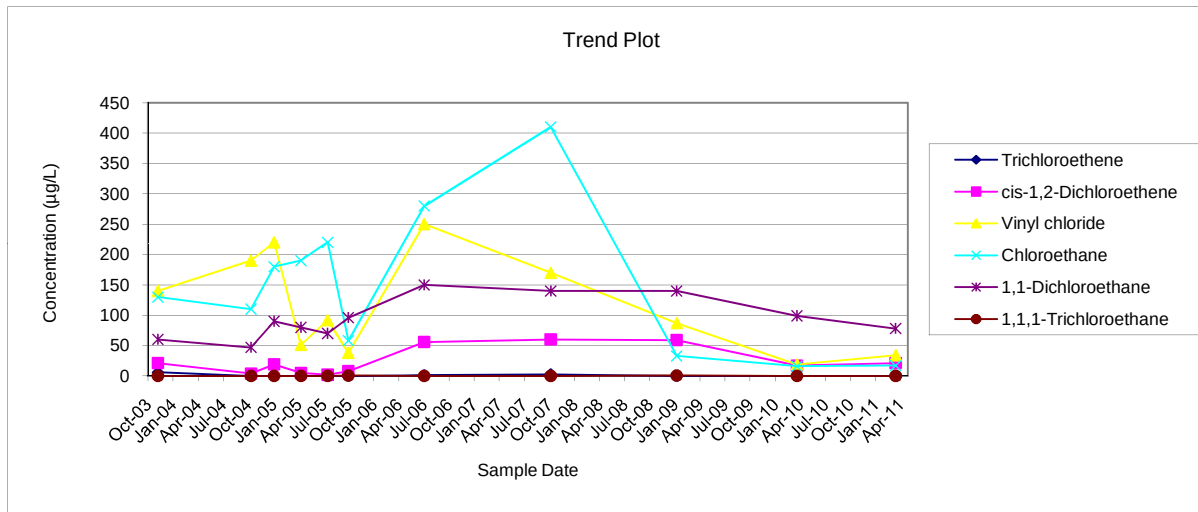
MONITORING WELL MW-8R
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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



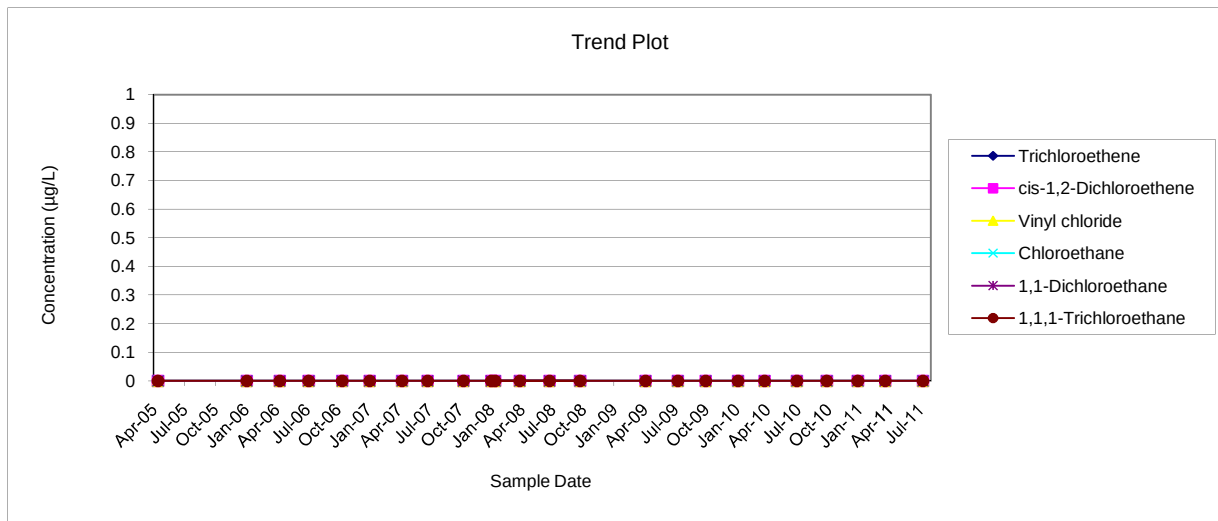
MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	6	21	140	130	60	< 10
10/13/2004	< 10	4	190	110	47	< 10
1/6/2005	< 10	19	220	180	90	< 10
4/14/2005	< 10	5	51	190	80	< 10
7/21/2005	< 5	2	92	220	70	< 5
10/5/2005	< 5	8	38	58	96	0.68
7/10/2006	1.3	56	250	280	150	< 5
10/17/2007	2.6	60	170	410	140	< 25
1/21/2009	<5	59	87	33	140	0.81
4/7/2010	<5	17	19	16	99	< 5
4/4/2011	<1	21	34	17	78	<1



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

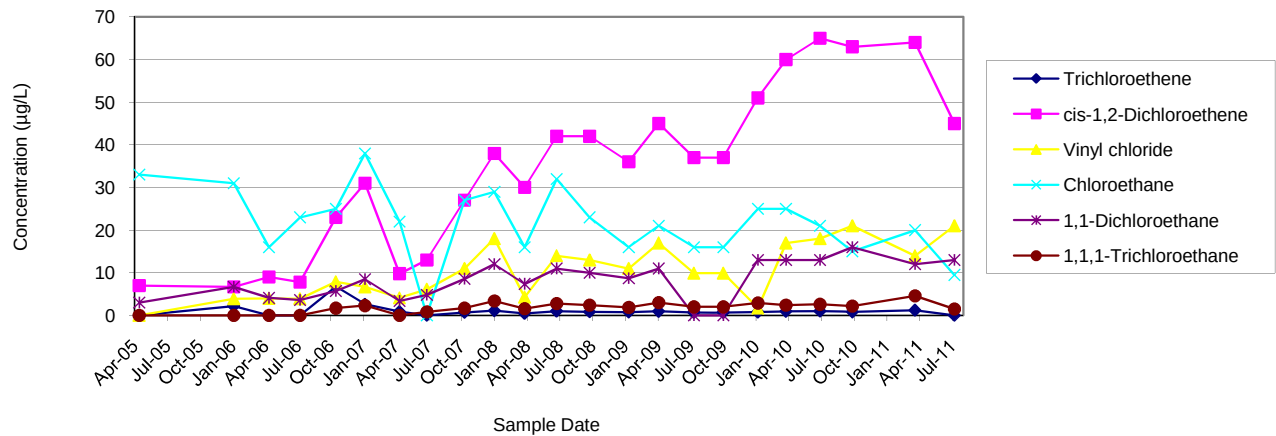
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	< 10	< 10	<10
1/5/2006	< 5	< 5	< 5	< 5	< 5	< 5
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5
7/10/2006	< 5	< 5	< 5	< 5	< 5	< 5
10/18/2006	< 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



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

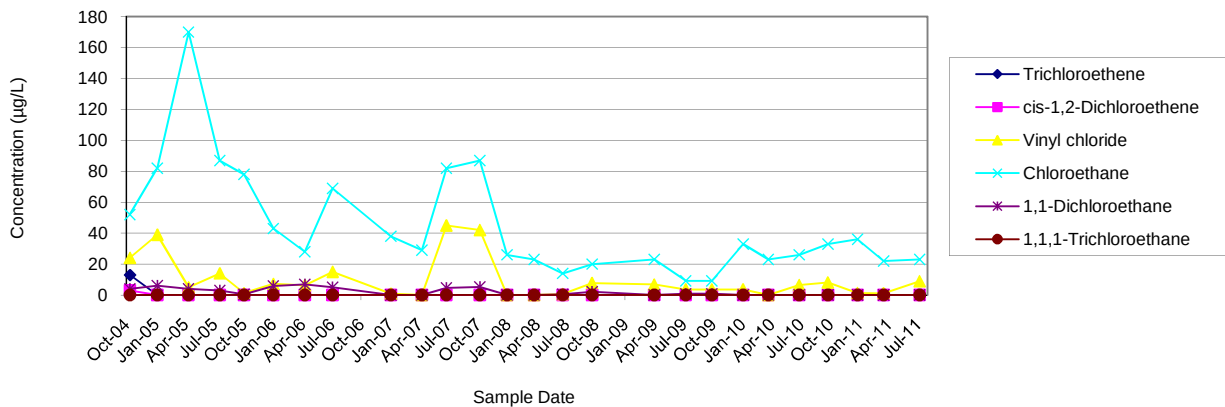
Trend Plot



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

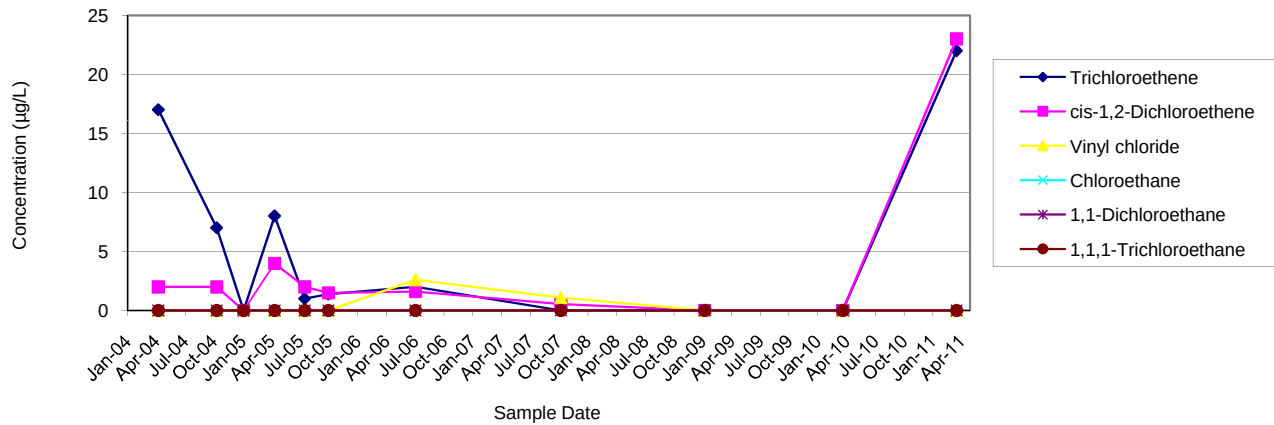
Trend Plot



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

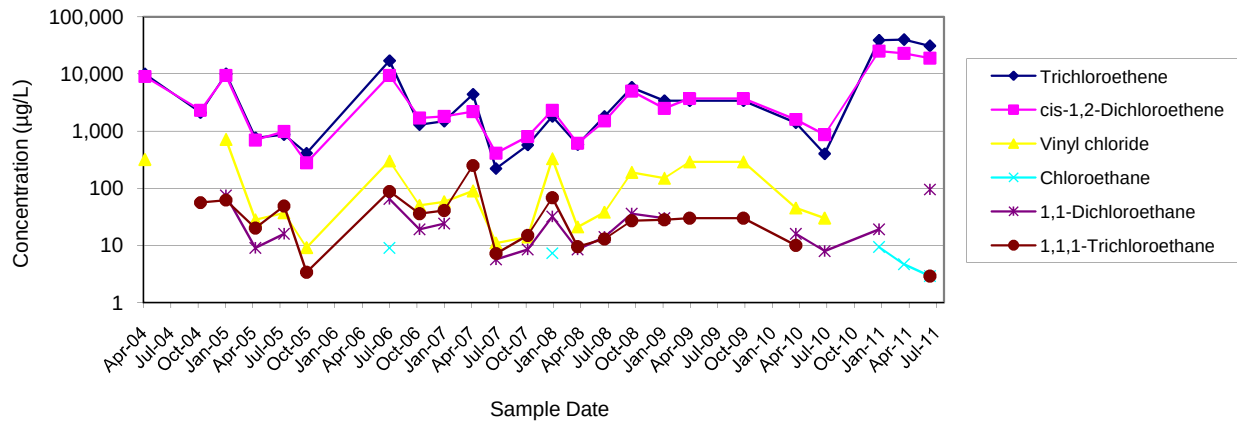
Trend Plot



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

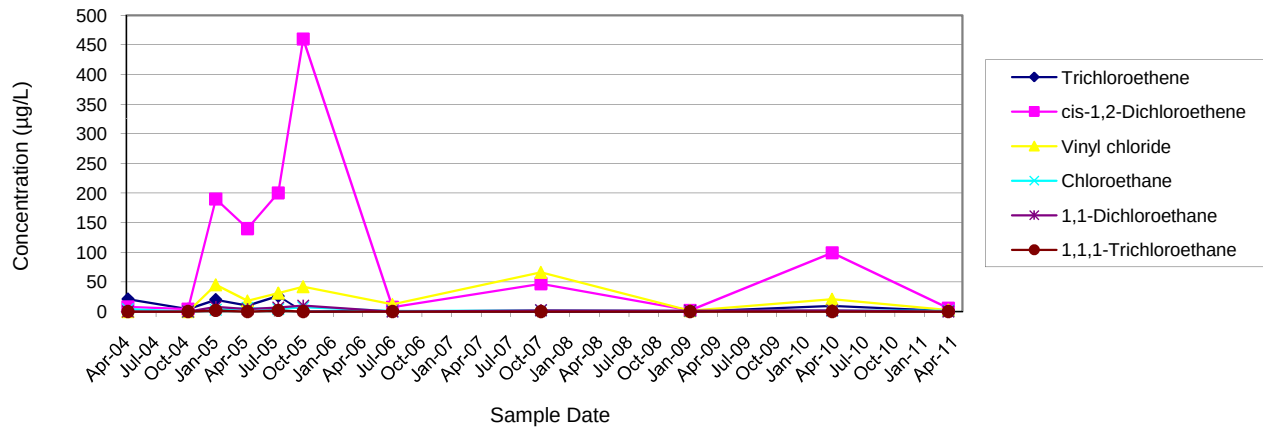
Trend Plot



PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	8	< 10	4	< 10	< 10
10/12/2004	4	4	< 10	< 10	< 10	< 10
1/6/2005	20	190	45	3	8	2
4/15/2005	10	140	18	6	4	< 10
7/20/2005	26	200	31	4	7	2
10/5/2005	< 10	460	42	7.2	9.9	<10
7/10/2006	0.96	7.2	12	0.82	< 5	< 5
10/15/2007	< 5	47	66	1.8	2.2	< 5
1/21/2009	<5	2	1.4	0.91	1.3	<5
4/8/2010	9.4	99	21	1.5	2	<5
4/5/2011	0.97	5.6	2.6	1.5	<1	<1

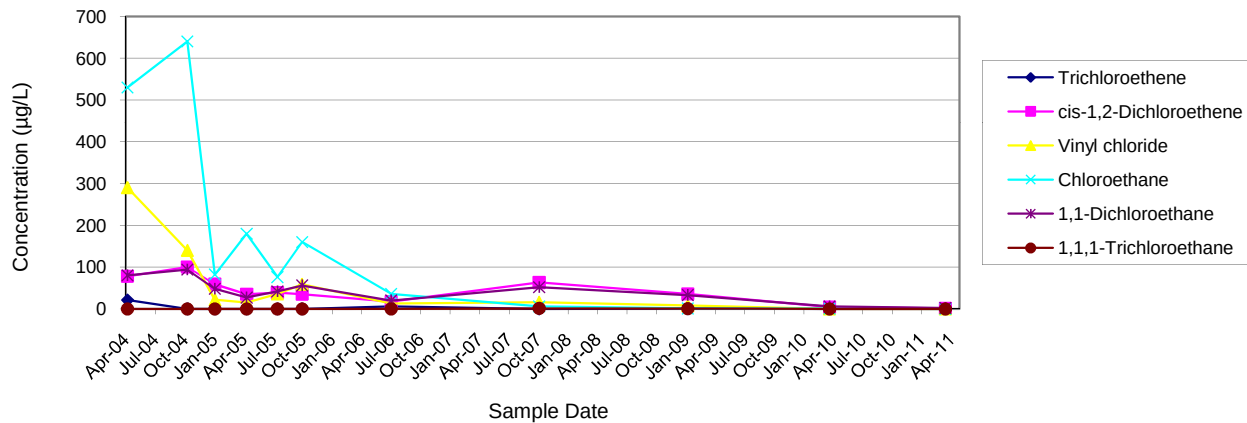
Trend Plot



PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	78	290	530	80	< 20
10/12/2004	< 10	100	140	640	94	< 10
1/6/2005	< 10	59	22	82	48	< 10
4/15/2005	< 10	35	15	180	27	< 10
7/20/2005	< 5	39	36	76	42	< 5
10/5/2005	< 5	35	59	160	56	< 5
7/10/2006	5.7	17	13	36	20	< 25
10/15/2007	< 5	63	16	5.7	52	1.3
1/21/2009	0.38	36	7.9	0.87	33	0.63
4/8/2010	< 5	4	< 5	0.62	5.9	< 5
4/5/2011	< 1	1.1	< 1	< 1	1.9	< 1

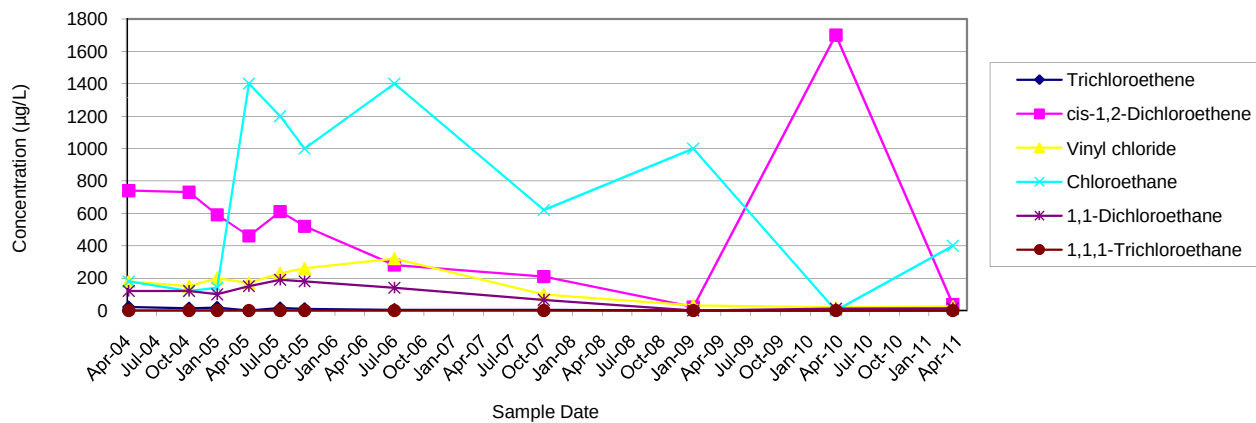
Trend Plot



PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	740	180	180	120	< 10
10/12/2004	14	730	150	120	120	< 50
1/7/2005	18	590	200	140	100	< 50
4/15/2005	< 50	460	170	1,400	150	< 50
7/21/2005	15	610	230	1,200	190	< 25
10/5/2005	10	520	260	1,000	180	< 50
7/10/2006	4.9	280	320	1,400	140	< 5
10/16/2007	3.6	210	99	620	66	< 5
1/21/2009	< 25	22	32	1000	< 25	< 25
4/8/2010	< 5	1700	19	< 5	12	< 5
4/5/2011	< 8	38	26	400	13	< 8

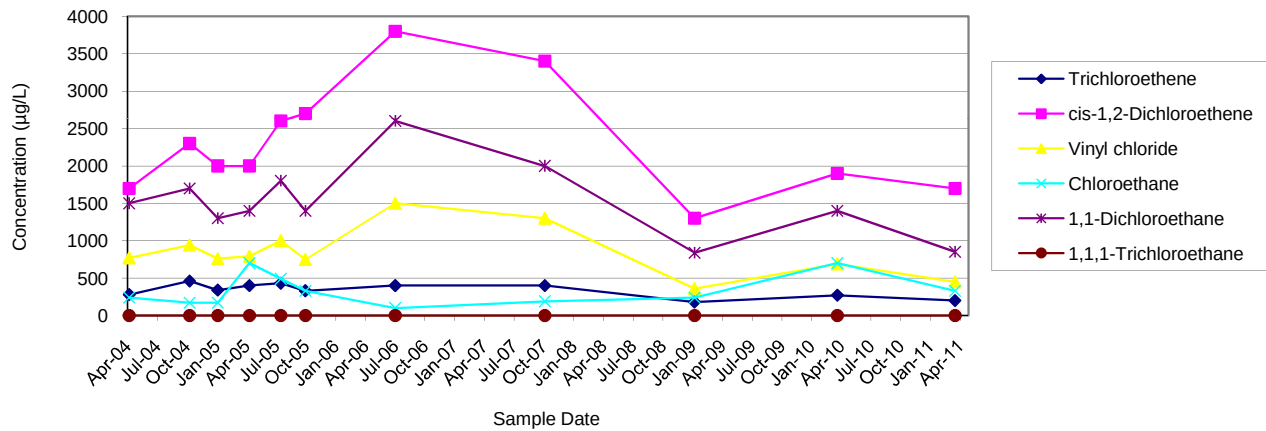
Trend Plot



PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	280	1,700	770	240	1,500	< 250
10/12/2004	460	2,300	940	170	1,700	< 250
1/7/2005	340	2,000	760	170	1,300	< 250
4/15/2005	400	2,000	790	700	1,400	< 200
7/21/2005	430	2,600	1,000	490	1,800	< 120
10/5/2005	330	2,700	750	330	1,400	<100
7/10/2006	400	3,800	1,500	100	2,600	< 25
10/16/2007	400	3400	1300	190	2000	< 200
1/21/2009	180	1300	360	240	840	<5
4/8/2010	270	1900	690	700	1400	<10
4/7/2011	200	1700	450	330	850	<1

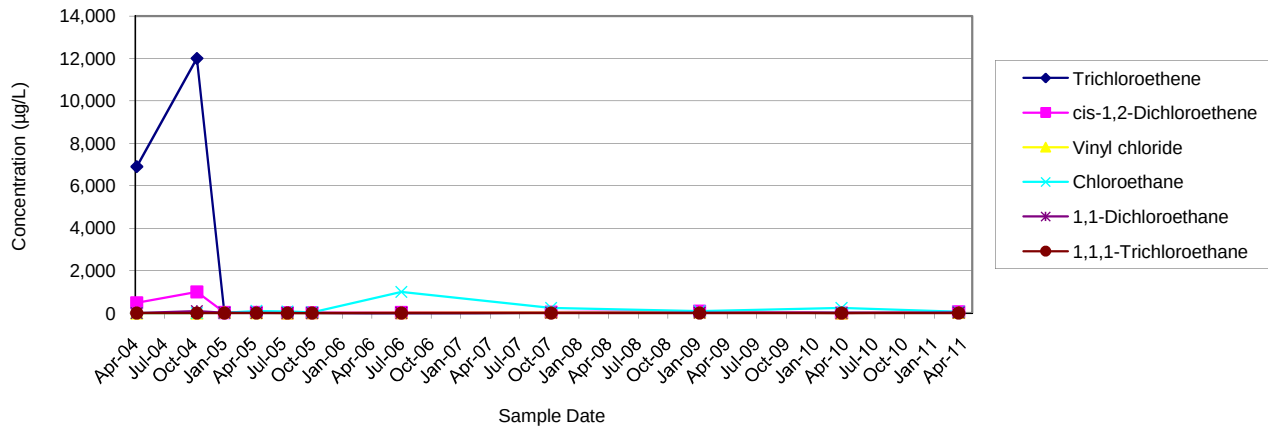
Trend Plot



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

Trend Plot



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	130,000	47,000	2,800	2,600	1,600	820
1/8/2008	67,000	30,000	3,200	< 5,000	1,100	< 5,000
4/3/2008	76,000	35,000	2,900	710	1,300	500
7/2/2008	58,000	26,000	2,400	570	830	< 5,000
10/2/2008	63,000	26,000	3,100	690	920	< 5,000
1/22/2009	92,000	51,000	4,200	730	1,800	490
4/15/2009	130,000	61,000	4,200	< 2,000	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

